WADT002



# Heavy Duty Differential & Manual Transmission Components

- OE Quality Replacement Parts
- Backed by Warranty

fferential & Manual Transmission Component

Large Distribution Network Means Quick Delivery









Heavy Duty Division

# **Quality Assurance**







# WORLD AMERICAN











### Quality of product

is the most important ingredient in sustaining a successful business. At Midwest Truck & Auto Parts Inc.®, we take quality control very seriously. Our highly qualified quality control technicians are always up-to-date on the latest innovations to insure that the quality of our product is unsurpassed. We back all of our products with a 6 month, 12,000 mile no-nonsense warranty\*. Your business is our livelihood, and we take your business seriously.

### The highest standards

are applied in the production of our products. From machining and finishing to heat treatment, we demand the best.

- Valve testing/air brake components are critically examined.
- Differential components tested for acceptable tolerances, fitment and strength.
- Thorough tolerance and accuracy inspection of transmission and transfer case components, rebuild kits, and bearing kits.
- \* Does not include products used in competition applications.

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## EATON<sup>®</sup>/DANA<sup>®</sup>

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RA351 FRONT	76
RA351 REAR	79
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### ROCKWELL®

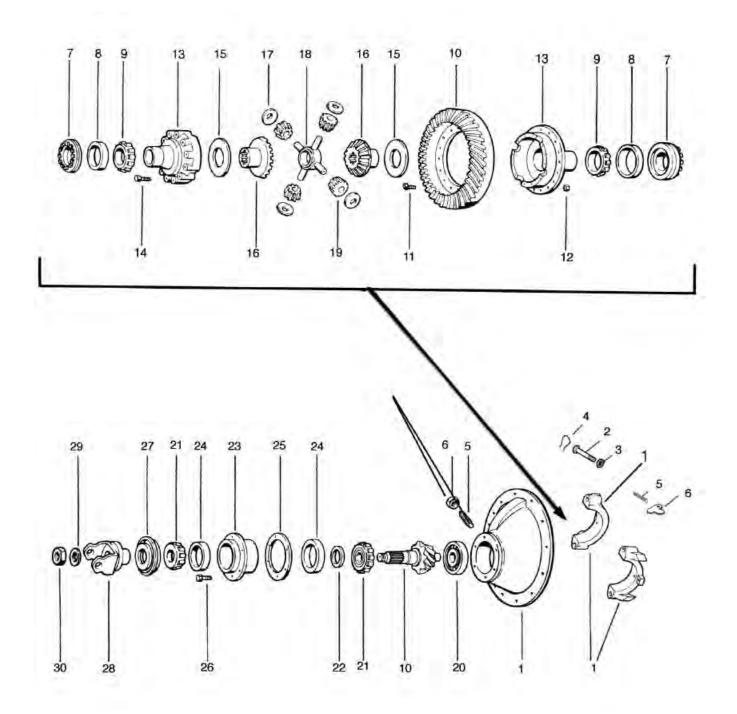
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WARRANTY 332

**EATON**<sup>®</sup> MODELS: 15040S - 19050S - 19055S - 21065S - 22065S



# **EATON**<sup>®</sup>

MODELS: 15040S - 19050S - 19055S - 21065S - 22065S

		QTY			19055S	
ITEM	PART	PER			21065S	
NO.	NAME	AXLE	15040S	19050S	22065S	REMARKS
	Bearing, Seal & Gasket Kit	1	RA400R	RA221R	121769	
1	Diff. Carrier & Bearing Caps	1	121737	121754	121774	Includes Items
	Carrier Casting No (NSS)		210316	210393	126044	1-3, 5-6
	Units built after 5-1-1990				-	Includes Items 1-3
	Units built after 5-1-1990				-	Includes Items 1-3
2	Bearing Capscrew	4	210134	210095	210095	
3	Flat Washer	4	210175	210288	210288	
4	Cotter Pin	2	126156	126156	126156	
5	Ring Gear Thrust Screw	1	126193	126193	126193	
6	Thrust Screw Jam Nut	1	210184	210184	210184	
7	Diff. Bearing Adjuster (RH)	1	210108	210108	210179	Plain Case Side
	Diff. Bearing Adjuster (LH)	1	210389	210389	210009	Flange Case Side
8	Diff. Bearing Cup (RH)	1	3920	3920	493	
	Diff. Bearing Cup (LH)	1	493	493	592A	
9	Diff. Bearing Cone (LH)	1	497	497	598	
	Diff. Bearing Cone (RH	1	3994	3994	497	
10	RING GEAR & DRIVE PINION SET	1	MATCHE	PARTS: (SEE	SEPARATE LISTI	NG ON PAGE 4)
	RING GEAR BOLT & NUT KIT	1	121736	121753	121772	Includes Items 11-12
11	Bolt	16	126218	126219	126220	
12	Nut	16	126217	126216	126216	
	WHEEL DIFF CASE KIT	1				Includes Items 13-14
	Ratio Variance					
	3.36 - 3.90		122233			
	4.11 - 4.88		121734			
	5.29 - 7.17		121735			
	3.36 - 4.11		121700	121750		Includes 210389
	4.33  - 5.29			121750		
						Diff. Brg.
	5.57 - 7.17			121752	044 407	Adjuster
	3.08 - 3.55				211407	
	3.70 - 4.33				121770	
	4.63 - 7.17				121771	
13	Diff. Case (Flange Half) (NSS)	1				
	Ratio Variance					
	3.36 - 3.90		126037			
	4.11 - 4.88		126036			
	5.29 - 7.17		126035			
	3.36 - 4.11			210390		
	4.33 - 5.29			210391		
	5.57 - 7.17			210392		
	3.08 - 3.55				126190	
	3.70 - 4.33				126191	
	4.63 - 7.17				126192	
	Diff. Case (Plain Half) ( <b>NSS</b> )	1	126996	126014	210017	
14	Diff. Case Capscrew	12	210469	210469	210017	
	WHEEL DIFF. KIT	12	114467	121748	210001	Includes Items 15-19
		1	107-107	1211 70	114469	19055S
					114470	21065S/22065S
	WHEEL DIFF. LESS SIDE GEAR KIT	1	118746	121749	118748	Includes Items 15, 17, & 19
15	Side Gear Thrust Washer	2	20850	126004	27827	
	Diff. Side Gear	2	20000	120004	21021	
16		2	440500			
	34 Involute Splines		110522	400000		
	36 Involute Splines			126000	440505	100550
	39 Involute Splines				110525	19055S
	41 Involute Splines				110527	21065S/22065S
17	Side Pinion Thrust Washer	4	25968	126003	27810	
18	Spider	1	20766	126002	38289	
19	Side Pinion	4	102512	126001	104139	
20	Pinion Pilot Bearing	1	MUB1305TDM	RUB1570UM	MUB1308UM	
20						

NLA = No Longer Available

NSS = Not Sold Separately

### **EATON**<sup>®</sup> MODELS: 15040S - 19050S - 19055S - 21065S - 22065S (Cont'd)

ITEM	PART	QTY PER			19055S 21065S	
NO.	NAME	AXLE	15040S	19050S	21065S 22065S	REMARKS
21	Pinion Bearing Cone (Outer)	1	HM903249	HM903249	55200C	
22	Pinion Bearing Spacer	AR	CALL Y	OUR SALES RE	P	
23	Pinion Bearing Cage & Cup Assy	1	210340	210189	210011	Includes Item 24
	Case (NSS)		210339	210188	210010	
24	Pinion Bearing Cup (Inner)	1	55437	72487	78551	
	Pinion Bearing Cup (Outer)	1	HM903210	HM903210	55437	
25	Pinion Bearing Cage Shim	AR				
		.003"	107567	107567	67920	
		.005"	107568	107568	67921	
		.010"	107569	107569	67922	
		.020"	107570	107570	67923	
		.030"	NLA	NLA	67924	
26	Bearing Cage Capscrew	6	210115	210115	210094	
	OIL SEAL & SHIM KIT	1	115551	115551	121773	Includes Items 25 & 27 & RTV
27	Pinion Oil Seal	1	9773	9773	9773	
28	Input Yoke	1	CALL Y	OUR SALES RE	P	
29	Washer	1	210114	210114	210090	
30	Pinion Nut	1	210133	210133	210089	
	Gasket Compound	AR	107276	107276	107276	



## $\textbf{EATON}^{\texttt{R}}$

#### MODELS: 15040S - 19050S - 19055S - 21065S - 22065S (Cont'd)

## MODELS

MODEL: 15040S Drive Pinion Spline - 34, 1.750" Dia.						
RATIO	PART#	TEETH <u>COUNT</u>				
3.36 3.55 3.70 3.90 4.11 4.33 4.63 4.88 5.29 5.57 5.83 6.17 6.50 7.17	122347 122348 122350 122231 12232 122351 121738 121739 122331 121740 121741 122019 121742	37-11 39-11 37-10 39-10 37-9 39-9 37-9 37-9 37-7 35-6 37-6 39-6 43-6				

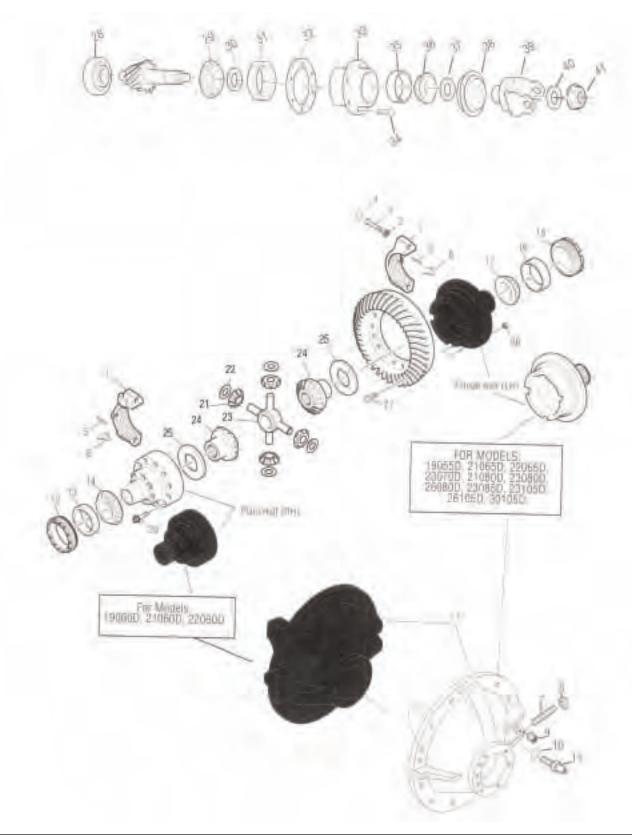
MODEL: 19050S Drive Pinion Spline - 34, 1.750" Dia.							
		TEETH					
RATIO	PART#	<u>COUNT</u>					
3.36	122017	37-11					
3.55	122014	39-11					
3.70	122016	37-10					
3.90	121755	39-10					
4.11	121756	37-9					
4.33	121757	39-9					
4.63	121758	37-8					
4.88	121759	39-8					
5.29	121760	37-7					
5.57	121761	39-7					
5.83	121762	35-6					
6.17	121763	37-6					
6.50	121764	39-6					
7.17	121765	43-6					

MODEL: 1905 21065D Drive Pinion	- 22065S - 2	2065D
		TEETH
RATIO	PART#	COUNT
3.08	122352	37-12
3.25	122353	39-12
3.36	122354	37-11
3.55	122355	39-11
3.70	122211	37-10
3.90	121775	39-10
4.11	122209	37-9
4.33	122109	39-9
4.63	122099	37-8
4.88	121776	39-8
5.29	121777	37-7
5.57	121778	39-7
5.83	122018	35-6
6.17	121779	37-6
6.50	121780	39-6
7.17	121781	43-6

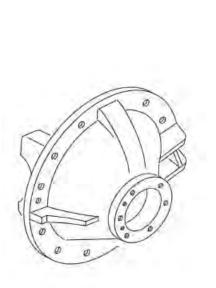
NLA = No Longer Available NSS = Not Sold Separately

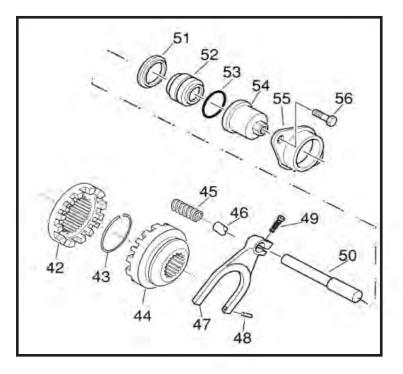
# MODELS: 19055D - 19060D - 21060D - 21065D - 21080D - 22060D - 22065D - 23070D - 23080D 23085D - 23105D - 26080D

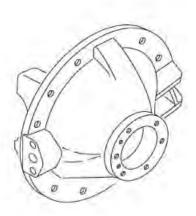
**EATON**<sup>®</sup>

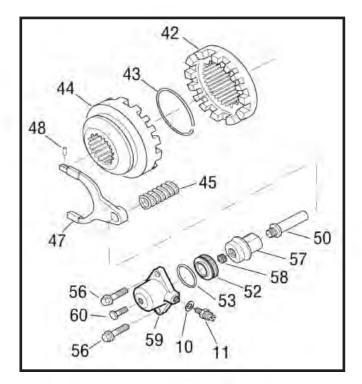


EATON<sup>®</sup> MODELS: 19055D - 19060D - 21060D - 21065D - 21080D - 22060D - 22065D -23070D - 23080D 23085D - 23105D - 26080D (Cont'd)









### EATON<sup>®</sup> MODELS: 19055D - 19060D - 21060D - 21065D - 21080D - 22060D - 22065D -23070D - 23080D 23085D - 23105D - 26080D

ITEM NO.	PART NAME	QTY PER AXLE	19060D 21060D 22060D	19055D 21065D 22065D	23070D	23085D 21080D 23080D 26080D	23105D
	BASIC OVERHAUL KIT	1	217464	121769	121784	213744	123297
1	DIFF. CARRIER & BEARING CAPS	1	217362	211313	210701	210701	123293
	DIFF. CARR. & CAPS 23105D - (BEFORE 12/07/92)						
	CARRIER CASTING NO. (NSS)	1	128601	126838	210697	210697	128376
	CARRIER CASTING NO.						106710
2	(BEFORE 5/5/93) FLAT WASHER	4	210288	210288	210288	210288	126719 32912
3	BEARING CAP SCREW	4	210200	210200	210200	210095	127180
4	LOCKWIRE			210000	210000	210000	12563
5	COTTER PIN - RH	1	90873	90873	90873	90873	90876
<u> </u>	COTTER PIN - LH	1	90873	210464	210464	210464	90876
6	BEARING CAP ADJUSTER LOCK - RH						14275
	BEARING CAP ADJUSTER LOCK - LH						126979
7	RING GEAR THRUST SCREW	1		126193	126193	126193	126193
8	THRUST SCREW JAM NUT	1		210184	210184	210184	210184
9	PIPE PLUG	1		90325	90325	90325	90325
10	WASHER	1	126618	126618	126618	126618	126618
11	SWITCH	1	210280	210280	210280	210280	210280
12	DIFF. BEARING ADJUSTER - RH	1	128616	210179	210179	210179	113885
13	DIFF. BEARING CUP - RH	1	43584	493	493	493	JM822010
14	DIFF. BEARING CONE - RH	1	42362	497	497	497	JM822049
15 16	DIFF. BEARING ADJUSTER - LH DIFF. BEARING CUP - LH	1	<u>127410</u> 563	210286 592A	210286 592A	210286 592A	126729 126924
17	DIFF. BEARING COP - LH	1	567	592A 598	592A 598	592A 598	56425
17	WHEEL DIFF. CASE KIT	1				20 INCL. IN KIT.	30423
	3.08 - 3.70	•	IDEN		212007	212007	
	3.90 - 4.33				212008	212008	
	4.63 - 6.50				212009		
	3.08 - 3.90						123294
	4.11 - 4.33						123295
	4.63 - 6.14						123296
	3.08 - 3.55			122117			
	3.70 - 4.33			122118			
	4.63 - 7.17		047400	122119			
	2.64 - 3.25		217166				
	3.36 - 3.90		217167 217168				
	<u>4.11 - 4.88</u> 5.29 - 6.50		217169				
			217103				
18	DIFE CASE (FLANGE HALE) (NSS)					100050	
18	DIFF. CASE (FLANGE HALF) (NSS) 3.08 - 3.70				126858	126858	
18	3.08 - 3.70				126858 126859	126858 126859	
18	3.08 - 3.70 3.90 - 4.33				126859	126858	
18	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50						126723
18	3.08 - 3.70 3.90 - 4.33				126859		126723 126722
18	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90				126859		
18	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90 4.11 - 4.33 4.63 - 6.14 3.08 - 3.55			126844	126859		126722
18	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90 4.11 - 4.33 4.63 - 6.14 3.08 - 3.55 3.70 - 4.33			126845	126859		126722
18	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90 4.11 - 4.33 4.63 - 6.14 3.08 - 3.55 3.70 - 4.33 4.63 - 7.17				126859		126722
18	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90 4.11 - 4.33 4.63 - 6.14 3.08 - 3.55 3.70 - 4.33 4.63 - 7.17 2.64 - 3.25		127585	126845	126859		126722
18	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90 4.11 - 4.33 4.63 - 6.14 3.08 - 3.55 3.70 - 4.33 4.63 - 7.17 2.64 - 3.25 3.36 - 3.90		127586	126845	126859		126722
18	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90 4.11 - 4.33 4.63 - 6.14 3.08 - 3.55 3.70 - 4.33 4.63 - 7.17 2.64 - 3.25 3.36 - 3.90 4.11 - 4.88		127586 127574	126845	126859		126722
	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90 4.11 - 4.33 4.63 - 6.14 3.08 - 3.55 3.70 - 4.33 4.63 - 7.17 2.64 - 3.25 3.36 - 3.90 4.11 - 4.88 5.29 - 6.50		127586 127574 127575	126845 126846	126859 126860	126859	126722 126721
19	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90 4.11 - 4.33 4.63 - 6.14 3.08 - 3.55 3.70 - 4.33 4.63 - 7.17 2.64 - 3.25 3.36 - 3.90 4.11 - 4.88 5.29 - 6.50 DIFF. CASE (PLAIN HALF) ( <b>NSS</b> )	1	127586 127574 127575 128607	126845 126846 210017	126859 126860 210507	210507	126722 126721 113864
	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90 4.11 - 4.33 4.63 - 6.14 3.08 - 3.55 3.70 - 4.33 4.63 - 7.17 2.64 - 3.25 3.36 - 3.90 4.11 - 4.88 5.29 - 6.50 DIFF. CASE (PLAIN HALF) (NSS) DIFF. CASE CAP SCREW	12	127586 127574 127575	126845 126846	126859 126860 210507 210513	126859 210507 210513	126722 126721 1126721 113864 88503
19	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90 4.11 - 4.33 4.63 - 6.14 3.08 - 3.55 3.70 - 4.33 4.63 - 7.17 2.64 - 3.25 3.36 - 3.90 4.11 - 4.88 5.29 - 6.50 DIFF. CASE (PLAIN HALF) (NSS) DIFF. CASE CAP SCREW WHEEL DIFF. KIT		127586 127574 127575 128607	126845 126846 210017 210091	126859 126860 210507	210507	126722 126721 113864
19	3.08 - 3.70 3.90 - 4.33 4.63 - 6.50 3.08 - 3.90 4.11 - 4.33 4.63 - 6.14 3.08 - 3.55 3.70 - 4.33 4.63 - 7.17 2.64 - 3.25 3.36 - 3.90 4.11 - 4.88 5.29 - 6.50 DIFF. CASE (PLAIN HALF) (NSS) DIFF. CASE CAP SCREW	12	127586 127574 127575 128607	126845 126846 210017	126859 126860 210507 210513	126859 210507 210513	126722 126721 1126721 113864 88503

#### NLA = No Longer Available

#### NSS = Not Sold Separatel

MODELS: 19055D - 19060D - 21060D - 21065D - 21080D - 22060D - 22065D -

23070D - 23080D 23085D - 23105D - 26080D (Cont'd)

ITEM NO.	PART NAME	QTY PER AXLE	19060D 21060D 22060D	21065	D	23085D 21080D 23080D 26080D	23105D
	WHEEL DIFF. CASE KIT (CONTINUED)						
20	21060D	1	216229				
20	22060D	1	217462				
21	SIDE PINION	4	127364	104139	108142	108142	86780
22	SIDE PINION THRUST WASHER	4	127369	27810	108145	108145	86781
	RING GEAR BOLT & NUT KIT	1	219704	121772	121790	121790	119802
23	SPIDER	1	127359	38289	210572	210572	86778
	RING GEAR & DRIVE PINION SET	1					
	WHEEL DIFF. LESS SIDE GEAR KIT	1	216228	118748	121786	121786	118749
24	DIFF. SIDE GEAR						
	33 INVOLUTE SPLINES 22060D	2	127366				
	34 INVOLUTE SPLINES	2					
	36 INVOLUTE SPLINES	2			118959	118959	93401
	39 INVOLUTE SPLINES 19055D OR	2	127367	110525			
			407000	440507			
	41 INVOLUTE SPLINES 21/22065D OR	2	127368	110527			
25	21060D SIDE GEAR THRUST WASHER	2	127386	27827	83726	83726	27274
25 26	NUT	 16	127386	126216	126215	126215	84497
20	BOLT	16	126216	126216	126215	1262215	113888
28	PINION PILOT BEARING	10	MUB7307UM		1MUS13087M	127826	MUS1308TM
29	PINION BEARING CONE (INNER)	1	72212C	78215C	H913842	126286	126286
30	PINION BEARING SPACER	AR	122120		OUR SALES REP	120200	120200
31	PINION BEARING CUP (INNER)	1	72487	78551	210474	126287	126287
32	PINION BEARING CAGE SHIMS	AR			2.0	.2020.	.20201
52	.003"		127595	67920	113876	113876	113876
	.005"		127596	67921	113877	113877	113877
	.010"		127597	67922	113878	113878	113878
	.020"		127598	67923	113879	113879	113879
	.030"		127599	67924	113880	113880	113880
	PINION BEARING CAGE & CUP ASSY	1	127600	210011	210511	127843	126290
33	CAGE (NSS)	1	127481	210010	210510	127844	126289
34	BEARING CAGE CAP SCREW	6	210115	210094	210094	210094	113867
35	PINION BEARING CUP (OUTER)	1	55437	55437	72487	HM813810	HM813810
36	PINION BEARING CONE (OUTER)	1	127535	55200C	72212C	HM813841	HM813841
37	INPUT YOKE SPACER				UR SALES REP		126940
38	PINION OIL SEAL	1	127591	9773	210724	210724	210724
00	OIL SEAL & SHIM KIT	1	216225	121773	119796	119796	119796
39		1		CALL YO	OUR SALES REP		
40 41	WASHER PINION NUT FLANGED-LOCKNUT	<u>1</u> 1	127589	127589	210509 210508	128049	95262
41 42	FIXED CURVIC CLUTCH	1	127589	127589	126841	126841	127810
42	FIXED CURVIC CLUTCH SNAP RING	1	210299	210299	210299	210299	126728
44	SLIDING CURVIC CLUTCH	1	210299	210299	127211	127211	127811
	19055D	1		127210	121211	121211	127011
	21065D/22065D	1		126840			
	SLIDING CURVIC CLUTCH GEAR 21060D/19060D		126840	120010			
	SLIDING CURVIC CLUTCH GEAR 22060D		128926				
45	COMPRESSION SPRING	1	128614	31038	31038	31038	31038
46	SWITCH ACTUATOR	1		210279	210279	210279	210279
47	SHIFT FORK (NSS)	1	128611	126842	126842	126842	128379
	SHIFT FORK ( <b>NSS</b> ) 23105D BEFORE 12/7/92						126726
	SHIFT FORK SUB-ASSEMBLY INCL. 47, 48 & 49	1	217465	219456	219456	219456	219457
48	SHIFT FORK SPRING PIN	1	210020	210020	210020	210020	210020

#### NLA = No Longer Available

NSS = Not Sold Separately

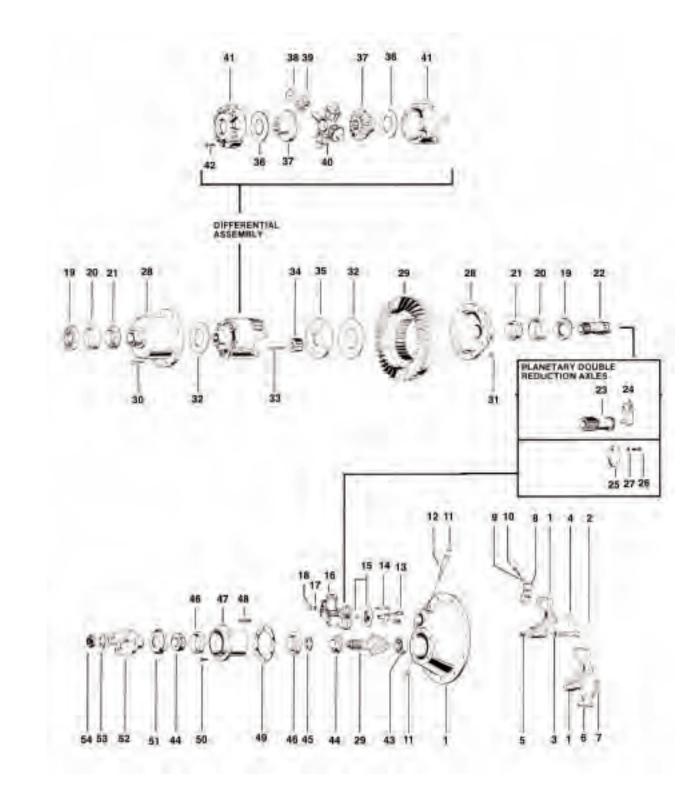
### **EATON**<sup>®</sup> MODELS: 19055D - 19060D - 21060D - 21065D - 21080D - 22060D - 22065D -23070D - 23080D 23085D - 23105D - 26080D (Cont'd)

52         PISTON         1         128624         210278         210180         210180         210180         210180         210180         2101640         210640         2106640         2106640         2106640         2106640         2106640         2106640         2106640         2106640         2106640         2106640         2106640         2106640         210680         12688         1268806         1268806         1268806         126806         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         1	ITEM NO.	PART NAME	QTY PER AXLE	19060D 21060D 22060D	19055D 21065D 22065D	23070D	23085D 21080D 23080D 26080D	23105D
50         PUSH ROD         1         128617         210278         210452         210452         210452         210278         210278         210278         210278         210278         210278         210278         210278         210278         210278         210180         2101640         2101640         210640         21066         21066         21066         21066         21066         21066         210675	10				040404	040404	010101	040404
51       SHOULDER WASHER       1       210452       210452       210452       210452         52       PISTON       1       128624       210278       210278       210278       210278         53       O-RING       1       210180       210180       210180       210180       210180       210180         54       SHIFT CYLINDER BODY       1       210640       210640       210640       210640       210640         54       SHIFT CYL. ASSY       1       126806       126806       126806       126806       126806         MOUNTING BRACKET (NSS)       1       127675       127675       127675       127675       127675       127675         56       BRACKET CAP SCREW       2       128744       210182 <td></td> <td></td> <td>1</td> <td>400047</td> <td></td> <td></td> <td></td> <td></td>			1	400047				
52         PISTON         1         128624         210278         210180         210180         210180         210180         210180         2101640         210640         210640         210660         210660         210660         210660         210660         210660         210660         210660         210660         210660         210660         210660         210660         210660         210660         210660         210660         210660         210660         210675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675         127675			1	128617				
53         O-RING         1         210180         210182			1					210452
54         SHIFT CYLINDER BODY         1         210640         126806         126		PISTON	1	128624	210278	210278	210278	210278
DIFF. LOCK SHIFT CYL. ASSY         1         126806         126801         126612         128612         128612         128612         128612	53	O-RING	1	210180	210180	210180	210180	210180
MOUNTING BRACKET (NSS)         1         127675	54	SHIFT CYLINDER BODY	1		210640	210640	210640	210640
56         BRACKET CAP SCREW         2         128744         210182         21018		DIFF. LOCK SHIFT CYL. ASSY	1		126806	126806	126806	126806
57         PISTON DRIVER         128640           58         SET SCREW         128618           59         PISTON COVER         128612		MOUNTING BRACKET (NSS)	1		127675	127675	127675	127675
58         SET SCREW         128618           59         PISTON COVER         128612	56	BRACKET CAP SCREW	2	128744	210182	210182	210182	210182
59 PISTON COVER 128612	57	PISTON DRIVER		128640				
	58	SET SCREW		128618				
60 CAPSCREW 128274	59	PISTON COVER		128612				
	60	CAPSCREW		128274				
61 GASKET COMPOUND 107276 107276 107276 107276 107276	61	GASKET COMPOUND		107276	107276	107276	107276	107276

MODEL: 19055S - 19055D - 21065S - 21065D - 22065S - 22065D Drive Pinion Spline - 39, 2.000" Dia.								
<u>RATIO</u>	PART#	TEETH <u>COUNT</u>						
3.08 3.25 3.36 3.55 3.70 3.90 4.11 4.33 4.63 4.63 4.88 5.29 5.57	122352 122353 122354 122355 122211 121775 122209 122109 122099 121776 121777 121778	39-12 37-11 39-11						
5.83 6.17 6.50 7.17	122018 121779 121780 121781	35-6 37-6 39-6 43-6						

# 

MODELS: 15040T/P - 19050T/P - 19055T/P - 21065T/P - 22065TP



#### MODELS: 15040T/P - 19050T/P - 19055T/P - 21065T/P - 22065T/P

ITEM NO.	PART NAME	QTY PER AXLE	15040T 15040P	19050T 19050P	19055T, 19055P 21065T, 21065P 22065T, 22065P	REMARKS
	Bearing, Seal & Gasket Kit	1	RA24R	RA24R	110635	
1	Diff. Carrier & Bearing Caps Carrier Casting No (NSS)	1	76929 113641	85995 113643	109365 107493	Includes 1-5, 11-12, 14-15, 17-18, 25 & RTV
2	Bearing Capscrew Bearing Capscrew	2	90036 90036	14970 127181	32732 32732	11 10, 20 a kt
3	Flat Washer	4			32912	
4	Lockwire	4	12563	90536	90538	Qty 2
5	Dowel Bushing	2			32730	
6	Bearing Adjuster Lock (RH)	1	90186	13377	13377	
7	Cotter Pin (RH)	1	90873	90873	90873	
8	Bearing Adjuster Lock (LH)	1	10602	14949	37745	
9	Dowel Bushing (LH)	2			37746	
10	Capscrew (LH)	2	126076	126076	210601	
11	Expansion Plug (Upper)	1	9797	9797	30703	
	Expansion Plug (Lower)	1	9797	9797	9797	
12	Shift Fork Shaft Assy	1	113800	113800	113801	
13	Shift Fork & Roller Assy	1	32326	32425	32613	
14	Shift Fork Mounting Stud	2	119863	119863	119863	2-Speed Only
15	Shift Fork Seal & Spring Assy	1	119855	119855	119855	2-Speed Only
16	Shift Unit Motor Only	1	40635	113745R		2-Speed Only
17	Lockwasher	2	119857	119857	119857	2-Speed Only
18	Stud Nut	2	63028	63028	63028	2-Speed Only
19	Diff. Bearing Adjuster (RH)	1	10524	110243	110243	
	Diff. Bearing Adjuster (LH)	1	74055	74022	56932	
20	Diff. Bearing Cup (RH)	1	33472	493	493	
	Diff. Bearing Cup (LH)	1	493	42584	56650	
21	Diff. Bearing Cone (RH)	1	33275	495A	497	
	Diff. Bearing Cone (LH)	1	498	42381	56425	
	SLIDING CLUTCH SERVICE KIT	1	98089	95371	60608	2-Speed Only Includes Items 19 (LH), 22, 32 (LH) 35
22	Sliding Clutch	1	113599	113629	113596	2-Speed Only
	SUN GEAR SERVICE KIT	1		99552	62040	PDR Only Includes Items 19 (LH), 23, 32 (LH) 35
23	Sun Gear	1	113601	113631	113598	PDR Only
24	Sun Gear Retainer	1	45615	45325	43178	PDR Only
25	Shift Unit Opening Cover	1	45521	45521	45521	PDR Only
26	Capscrew	2	20807	20807	20807	PDR Only
27	Lockwasher	2	90415	90415	90415	PDR Only
28	Gear Support Case (RH)	1	20759	126009	110148	
	Gear Support Case (LH)	1	13385	27859	27838	
29	RING GEAR & DRIVE PINION SET	1			SEPARATE LISTING	/
	RING GEAR BOLT & NUT KIT	1	121448	121449	87955	Includes Items 30-31
30	Bolt	8	44355	44356	44358	+6 Bolts
31	Nut	8	60597	67592	60599	+6 Bolts
32	Gear Support Thrust Washer (RH)	1	20850	126004	27827	
	Gear Support Thrust Washer (LH)	1	43268	43269	43270	
33	Idler Pinion Pin	4	20821	126008	27861	
34	Idler Pinion	4	74057	27875	27835	
35	High Speed Clutch Plate WHEEL DIFF. CASE KIT	1 1	74056 52112	74023 121807	56931 101878	Includes Items 41-42
36	Side Gear Thrust Washer	2	20850	126004	27827	
37	Diff. Side Gear	2				
	34 Involute Splines		110522			
	36 Involute Splines			126000		
	39 Involute Splines				110525	19055T/19055P
	41 Involute Splines				110527	21065T/P, 22065T/P

#### NSS = Not Sold Separately

PARTS LISTED IN THIS CATALOG ARE NOT NECESSARILY MANUFACTURED BY THE ORIGINAL EQUIPMENT MANUFACTURER AND ANY REFERENCE TO THE TRADEMARKS OR PART NUMBERS OF OTH-ERS ARE FOR CROSS REFERENCE INFORMATIONAL PURPOSES ONLY. THE TRADEMARKS OF OTHERS REFERRED TO HEREIN ARE OWNED BY THEIR RESPECTIVE COMPANIES AND ARE NOT AFFILI-ATED IN ANY WITH MIDWEST TRUCK & AUTO PARTS, INC.<sup>®</sup> MOTIVE GEAR<sup>®</sup> AND WORLD AMERICAN<sup>®</sup> ARE THE REGISTERED TRADEMARKS OF MIDWEST TRUCK & AUTO PARTS, INC.<sup>®</sup> USE OF THE '®' IN CONNECTION WITH A MARK OF MIDWEST TRUCK & AUTO PARTS, INC.<sup>®</sup> INDICATES THAT THE MARK IS REGISTERED IN AT LEAST THE UNITED STATES. NO REPRESENTATION IS MADE WITH RESPECT TO THE SOURCE OF MANUFACTURE OF ANY PARTICULAR PART. © 2005, MIDWEST TRUCK & AUTO PARTS, INC.<sup>®</sup> AUTO PARTS, INC.<sup>®</sup>

#### MODELS: 15040T/P - 19050T/P - 19055T/P - 21065T/P - 22065T/P (Cont'd)

ITEM NO.	PART NAME	QTY PER AXLE	15040T 15040P	19050T 19050P	19055T, 19055P 21065T, 21065P 22065T, 22065P	REMARKS
	WHEEL DIFF. KIT	1	114467	121748	114469 114470	Includes Items 36-40 19055T/19055P 21065T/P, 22065T/P
38	Side Pinion Thrust Washer	4	25968	126003	27810	210031/1,220031/1
39	Side Pinion	4	102512	126001	104139	
40 41	Spider Diff. Case w/Clutchplate Pin Diff. Case (LH) Diff. Case (RH)	<u>1</u> 1	20766 408237 71880 71881	126002 126006 126005 126007	38289 98182 96278 96279	NSS NSS NSS
42	Diff. Case Capscrew (Short) (Long)	8 4 8	109237	118739 109238	96283	
	WHEEL DIFF. LESS SIDE GEAR KIT	1	118746	121749	118748	Includes Items 36, 38-40
43 44	Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer)	1 1 1	MU1305TDM LM903249 LM903249	MU1305TDM 55175C 55175C	1 MUS1307UM 72200C 55200C	
45	Pinion Bearing Spacer	AR		OUR SALES		
46	Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer)	1	HM903210 HM903210	55437 55437	72487 55437	
47	Pinion Bearing Cage & Cup Assy Case ( <b>NSS</b> )	1	76897 76896	75110 75109	107496	Includes Item 46 & 48
48	Bearing Cage Dowel Pin	1	90654			
49	Pinion Bearing Cage Shim .003" .005" .010" .020" .030"	AR	75968 75969 75970 75971 75972	107567 107568 107569 107570 NLA	107567 107568 107569 107570 <b>NLA</b>	
50	Bearing Cage Capscrew	6	113325	113325	113325	
51	OIL SEAL & SHIM KIT Pinion Oil Seal	1	121800 9773	114104 9773	115552 9773	Includes Items 15, 49, 51 & RTV
52 53	Input Yoke Washer	1	210114	OUR SALES R 210114	210090	
54	Pinion Nut	1	210114	2101133	210090	
	Gasket Compound	AR	107276	107276	107276	

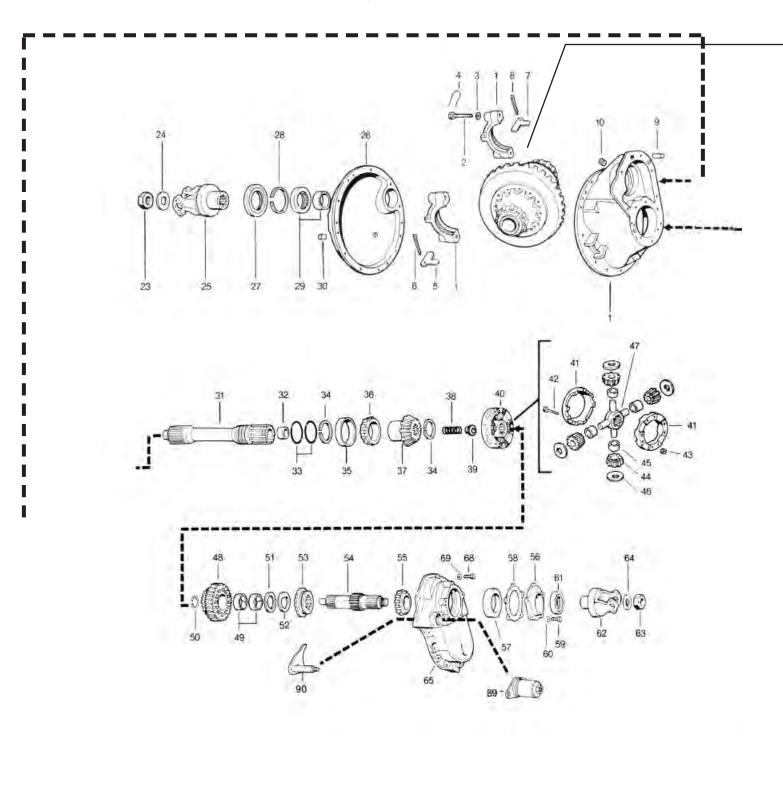
#### **RING GEAR & PINION KITS**

	IODEL: 1504 n Spline - 34			MODEL: 1905 on Spline - 34	-	21065	9055T - 1905 P - 22065T - 2 p Spling - 20	22065P
RATIO	PART#	TEETH <u>COUNT</u>	RATIO	PART#	TEETH <u>COUNT</u>	RATIO	n Spline - 39 PART#	TEETH COUNT
4.56/6.34 5.14/7.16 5.57/7.75 5.86/8.15 6.29/8.75	122011 121801 121802 121803 121804	(41-9) (36-7) (39-7) (41-7) (44-7)	4.56/6.34 4.88/6.78 5.29/7.35 5.57/7.75 6.14/8.55 6.57/9.14 7.17/9.97	121545 121546 121547 121548 121549 121550 121551	(41-9) (39-8) (37-7) (39-7) (43-7) (46-7) (43-6)	3.90/5.32 4.11/5.61 4.33/5.91 4.63/6.31 4.88/6.65 5.29/7.21 5.57/7.60 6.17/8.41 6.50/8.86 7.17/9.77	121956 121957 121810 122146 121811 121812 121813 121814 121815 121816	(39-10) (37-9) (39-9) (37-8) (39-8) (37-7) (39-7) (37-6) (39-6) (43-6)

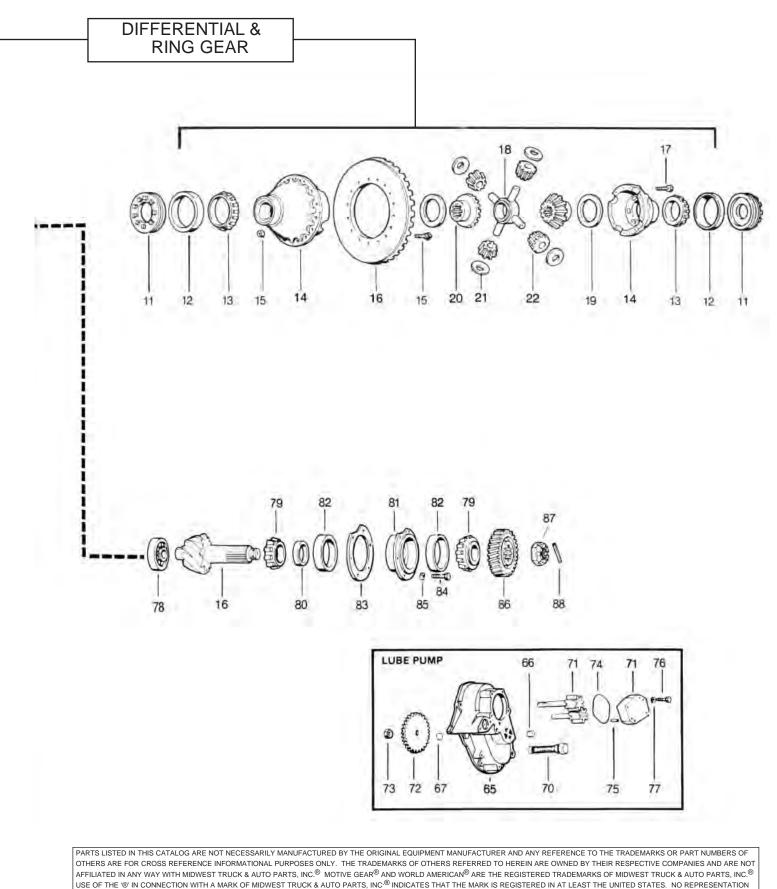
NLA = No Longer Available

NSS = Not Sold Separately

### **EATON**<sup>®</sup> MODELS: DS341, DS402(P), DS451-P, DS381(P), DS401-P, DS340, DS380(P), DS400-P, 34DS, 38DS



MODELS: DS341, DS402(P), DS451-P, DS381(P), DS401-P, DS340, DS380(P), DS400-P, 34DS, 38DS



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### **EATON**<sup>®</sup> MODELS: DS341, DS402(P), DS451-P, DS381(P), DS401-P, DS340, DS380(P), DS400-P, 34DS, 38DS

			00400-1, 3400, 30			
ITEM NO.	PART NAME	QTY PER AXLE	DS341, DS402(P), DS451-P BUILT AFTER 4/6/89	DS381(P), DS402(P), DS401-P, DS451-P BUILT BEFORE 4/6/89	DS340, DS3L DS400-P NOTE 1	80(P), 34DS 38DS
	Bearing, Seal & Gasket Kit	1	RA222FR	RA196R	RA193R	RA64FDF
1	Diff. Carrier & Bearing Caps	1	115690	115690	120924	120923
	Carrier Casting No. (NSS)		128107	128107	128107	128107
	115690 includes Items 2-4, 9-10				NOTE 2	NOTE 2
	120923, 120924 include Items					
	2-4, 9-10, 35-37					
2	Bearing Capscrew	4	127179	127179	127179	127179
3	Flat Washer	4	26772	26772	26772	26772
4	Lockwire	4			90538	90538
5	Bearing Adjuster Lock (RH)	1	14275	14275	14275	14275
6	Cotter Pin (RH)	1	90876	90876	90876	90876
7	Bearing Adjuster Lock (LH)	1	13377	13377	13377	13377
8	Cotter Pin (LH)	1	90873	90873	90873	90873
9	Carrier Cover Dowel Pin	2	7641	7641	7641	7641
10	Filler Plug	1	90325	90325	90325	90325
11	Diff. Bearing Adjuster (RH)	1	31562	31562	31562	31562
	Diff. Bearing Adjuster (LH)	1	110243	110243	27842	27842
12	Diff. Bearing Cup (RH)	1	563	563	563	563
	Diff. Bearing Cup (LH)	1	493	493	493	493
13	Diff. Bearing Cone (RH)	1	567	567	567	567
	Diff. Bearing Cone (LH)	1	497	497	497	497
14	Diff. Case (Plain Half) ( <b>NSS</b> ) Diff. Case (Flanged Half) ( <b>NSS</b> )	1 1	210017	210017	210017	210017
	Ratios 3.08 & 3.25 Ratios 3.36-5.29		127823 103865	103865	103865	
	Ratios 5.57-7.17		88677	88677	88677	
	WHEEL DIFF. CASE KIT					
	Ratios 3.08 & 3.25	1	212202			
	Ratios 3.36 - 5.29	1 1	106397 124374	106397	106397 124374	
	Ratios 5.57 - 7.17 Includes Items 16, 17 & 110243 Adjuster	I	124374	124374	124374	
	12" O.D 1/2" Bolt	1				96794
	Flanged Half 91114 11-1/2" O.D 1/2" Bolt	1				96795
	Flanged Half 91116					
	5/8" Bolt	1				124374
15	Flanged Half 88677 RING GEAR BOLT & NUT KIT (5/8")	1	70745	70745	70745	70745
15						
	Bolt	16 16	67586	67586	67586 60600	67586 60600
	NUT	16	60600	60600	60600	60600
	RING GEAR BOLT & NUT KIT (1/2")	1				69957
	Bolt Nut	16				69117
16	RING GEAR & DRIVE PINION SET		MATCHED PARTS: (SE	E SEPARATE LISTING ON PA	AGE 19)	
17	Diff. Case Capscrew	12	96271	96271	96271	92671
18	Spider	1	38289	38289	38289	38289
-						

#### NSS = Not Sold Separately

## MODELS: DS341, DS402(P), DS451-P, DS381(P), DS401-P, DS340, DS380(P), DS400-P, 34DS, 38DS (Cont'd)

ITEM NO.	PART NAME	QTY PER AXLE	DS341, DS402(P), DS451-P BUILT AFTER 4/6/89	DS381(P), DS402(P), DS401-P, DS451-P BUILT BEFORE 4/6/89	DS340, DS3L80(P) DS400-P NOTE 1	34DS 38DS
	WHEEL DIFF. SIDE GEAR,					
	PINION KIT	1				
	Includes Items 18-22		44.4.400	44.4400	00050	00050
	Models: 34, 340, 341		114469	114469	98850	98850
	38, 380, 381, 402		114470	114470	85358	85358
	400, 401, 451 WHEEL DIFF. KIT LESS SIDE GEAR	0	98853	98853	98853	
	Includes Items 18-19, 21-22	1	118748	118748	118748	118748
19	Side Gear Thrust Washer	2	27827	27827	27827	27827
20	Diff. Side Gear	2	21021	21021	21021	21021
20	Models:34, 340, 341	2	110525	110525	37072	37072
	38, 380, 381, 402		110527	110527	37069	37069
	400, 401, 451		85486	85486	85486	
21	Side Pinion Thrust Washer	4	27810	27810	27810	27810
		 16				67592
22	Side Pinion	4	104139	104139	104139	104139
~~	104139 replaces 37071	7	10-100	101100	101100	10-100
23	Output Shaft Nut	1	127589*	95205	95205	95205
24	Flat Washer	1	4327	4327	4327	4327
25	Output Yoke	1		CALL YOUR SALES REP	1021	
26	Axle Housing Cover Assy Includes Items 27-30 (Casting# 127708)	1				
	Cover (127781 ( <b>NSS</b> ) 3/4" (Cover 127874)		107320	107320	75336	75336
	1" (Cover 7749 ( <b>NSS</b> ) Rear Bearing Retaining Washer Not Illustrated	1			46683	77750 46583
27	Output Shaft Oil Seal	1	475003N	475003N		
28	Bearing Snap Ring	1	45516	45516	45516	45516
29	Output Shaft Bearing		MA1209EL	MA1209EL	MA1209EL	MA1209E
	Bearing - Inner Race (NSS)	1	118789	118789	118789	118789
	Bearing - Outer Race ( <b>NSS</b> )	1	118790	118790	118790	118790
30	Magnetic Filler Plug					
30	3/4"	1			54254	54254
	1"	1	75130	75130		75130
	1" Optional		77944	77944		
	Hole Plug	1	90898	90898		
31	OUTPUT SHAFT, NUT & BUSHING KIT	1	115123	115123	98603	98603
	Includes Items 23, 32-33; 115123 also includes Items 38-39 Shaft ( <b>NSS</b> ) 34 splines, 1.750" dia.		110818	110818	05444	05444
32	Shaft ( <b>NSS</b> ) 10 splines, 1.750" dia. Output Shaft Bushing	1	48922	48922	85441 48922	85441 48922
32	Output Shaft "O" Ring	1 2	46526	46526	46526	46526
34	Output Shart O King Output Washer	۷	85429	85429	85429	85429
	· · · ·	4				
35	Output Shaft Bearing Cup (Inner)	1	29620	29620	34492A	34492A
36	Output Shaft Bearing Cone (Inner)	1	29675	29675	34274	34274
37	Output Shaft Side Gear	1	110810	110810	85436	85909
38	Output Shaft Spring	1	51238			
20	Output Shaft Spring Thrust Bearing	1	51228			
39		1				
40	Inter-axle Diff. Assy	•	10.150.011	10 (=0.044	10 150011	0 - 0 / -
	inter-axie Diff. Assy w/o Lube Pump w/Lube Pump		104509** 213608	104509** 213608	104509** 213608	95213

\* Late Style - Use 127589 Metric Nut

\*\* All Have Been Replaced by 213608

NSS = Not Sold Separately

### **EATON**<sup>®</sup> MODELS: DS341, DS402(P), DS451-P, DS381(P), DS401-P, DS340, DS380(P),

ITEM NO.	PART NAME	QTY PER AXLE	DS341, DS402(P), DS451-P BUILT AFTER 4/6/89	DS381(P), DS402(P), DS401-P, DS451-P BUILT BEFORE 4/6/89	DS340, DS3L80(P), DS400-P NOTE 1	34DS 38DS
41	DIFF. CASE KIT	1				
	w/o Lube Pump	(NLA)	Order #40	Order #40	94810	91850
	w/Lube Pump	(NLA)	Order #40	Order #40	Order #40	
	Case Half (NSS)	2				
	w/o Lube Pump		102621	102621	102621	88029
	w/Lube Pump		127784	102621	102621	
42	Bolt*	8	85438	85438	85438	85438
43	Nut*	8	57637	57637	57637	57637
	DIFF SIDE PINION & SPIDER*					
	Kit (Includes Items 44-47)	1				
	w/o Lube Pump		96381	96381	96381	96380
	w/Lube Pump			96381	96381	
44	Side Pinion*	4				
	w/o Lube Pump		95214	95214	95214	95210
	w/Lube Pump		95214	95414	95214	
45	Side Pinion Bushing*	4				
	w/o Lube Pump	•	95215	95215	95215	95211
	w/Lube Pump			95215	95215	
46	Side Pinion Thrust Washer*	4		00210	00210	
	w/o Lube Pump	•	85437	85437	85437	25968
	w/Lube Pump		127785	85437	85437	
47	Spider*	1	121100	00101	00101	
-1	w/o Lube Pump		95216	95216	95216	95212
	w/Lube Pump		127783	95216	95216	
48	Helical Side Gear & Bushing Assy	1	128042	128042	85432	45476
40	Includes Item 49	1	120042	120042	**	43470
	Side Gear ( <b>NSS</b> )		128028	128018	85431	45474
49	Helical Side Gear Bushing	2	85991	85991	85991	48921
50	Helical Side Gear Shap Ring	1	85997	85997	85997	46983
	Helical Side Gear Thrust Washer	1		85429	85429	
51 52	Helical Side Gear "D" Washer	1	85429 45478	45478	45478	45477 45478
	Lockout Sliding Clutch	1	128016		128016	128016
53 54	INPUT SHAFT, WASHER & NUT KIT	1	120010	128016	120010	120010
54	Includes Items 52 & 63					
		4	115100	445400	102200	00000
	Models w/o Lube Pump	1	115122	115122	103289	98693
	Shaft ( <b>NSS</b> ) 44 splines, 2.250" dia.		110823	110823	400000	
	Shaft ( <b>NSS</b> ) 16 splines, 2.125" dia.				103283	00005
	Shaft ( <b>NSS</b> ) 10 splines, 1.969" dia.					88285
	Models w/Lube Pump	1	115126	115126	106709	
	Shaft ( <b>NSS</b> ) 44 splines, 2.250" dia.		110805	110805	(	
	Shaft (NSS) 16 splines, 2.125" dia.				102608	
55	Input Shaft Bearing Cone	1	3979	3979	JH307749	JM207049
56	Input Bearing Cover, Cup & Seal Assy					
	Includes Items 57 & 61					
	Models w/o Lube Pump	1	211634	110826	85423	86813
	Cover (NSS)		110824	110824	85421	86811
	Models w/Lube Pump	1	211888	110808	102629	
	Cover ( <b>NSS</b> )		110807	110807	102614	
57	Input Bearing Cup	1	JM511910	JM511910	JH307710	JM207010
58	Input Bearing Cover Shim	AR				
50	.003	7.41.5	45498	45498	45498	45498
	.005		70709	70709	70709	70709
	.005		45499	45499	45499	45499
	.020		45499 85406	45499 85406	45499 85406	45499 86506
59	Bearing Cover Capscrew	5	113324	113324	113324	113324
59 60	Lockwasher	5	90414	90414		
00	OIL SEAL & SHIM KIT	 1	114465	114465	114465	114465
		I.	114403	114400	114403	114400

\* = PD kit has been updated use complete PD Kit 213608

\*\* = Use Helical Conversion Kit 113561

NSS = Not Sold Separately

NLA = No Longer Available

#### MODELS: DS341, DS402(P), DS451-P, DS381(P), DS401-P, DS340, DS380(P),

DS400-P, 34DS, 38DS (Cont'd)

	DADT		DS341, DS402(P),	DS381(P), DS402(P),	DS340, DS3L80	
ITEM NO.	PART NAME	PER AXLE	DS451-P BUILT AFTER 4/6/89	DS401-P, DS451-P BUILT BEFORE 4/6/89	DS400-P NOTE 1	34DS 38DS
61	Oil Seal -	1	127719	127719	127719	127720
	Input Bearing Spacer	1			85427	
	Not illustrated					
62	Input Yoke			CALL YOUR SALES REP		
63	Input Shaft Nut	1	128049*	95207	95207	95206
64	Flat Washer	1	85404	85404	85404	56864
65	Diff. Carrier Cover Assy					
	Models w/o Lube Pump	1	45481	45481	45481	45481
	Models w/Lube Pump	1	102627	102627	102627	
	Includes Items 66-67					
	Cover (NSS)		102606	102606	102606	
66	Pipe Plug 1"	1	90325	90325	90325	
	Models w/Lube Pump					
67	Expansion Plug	1	9797	9797	9797	
	Models w/Lube Pump					
68	Carrier Cover Capscrew					
	Models w/o Lube Pump (Long)	5	12063	12063	12063	12063
	(Short)	4	90069	90069	90069	90069
	Models w/Lube Pump (Long)	4	12063	12063	12063	
	(Short)	4	90069	90069	90069	
	(12 pt)	1	81855	81855	102605	
69	Lockwasher	9	90417	90417	90417	90417
70	Magnetic Filter Screen	1	102611	102611	102511	
	Models w/Lube Pump					
71	LUBE PUMP REPLACEMENT KIT	1	106368	106368	106368	
	Models w/Lube Pump					
	Includes Items 72-77					
72	Pump Drive Gear	1	111448	111448	102609	
73	Drive Gear Locknut	1	111451	111451	63028	
10	Drive Gear Woodruff Key	1			81471	
	Not Illustrated				014/1	
74	Cover "O" Ring	1	102620	102620	102620	
75	Cover Dowel Pin	2	102617	102617	102617	
76	Cover Capscrew	4	102618	102618	102618	
77	Lockwasher	4	90419	90419	90419	
78	Pinion Pilot Bearing	1	MUSB7307UM	MUS1307UM	MUS1307UM	
79	Pinion Bearing Cone (Inner)	1	72218C	72218C	72218C	722000
	Pinion Bearing Cone (Outer)	1	HM807049	HM807049	72200C	722000
80	Pinion Bearing Spacer	AR	1111001010	CALL YOUR SALES REP	. 22000	. =====
81	Pinion Bearing Cage & Cup Assy	1				
•	Includes Item 82					
	Ratios 3.55 & 3.70		110731	110731	107322	107322
	Cage ( <b>NSS</b> )		110730	110730	107321	10732
	Ratios 3.08, 3.25, 3.35, 3.90-7.17		110733	110733	107324	107324
	Cage ( <b>NSS</b> )		110732	110732	107323	107323
82	Pinion Bearing Cup (Inner)	1	72487	72487	72487	72487
	Pinion Bearing Cup (Outer)	1	HM807010	HM807010	72487	72487
83	Pinion Bearing Cage Shim	AR	110007010	11007010	12401	12401
00	.003"		45461	45461	45461	45461
	.003 .005"		62829	62829	52829	62829
	.005 .010"			62829 45462		
	.020"		45462		45462	45462
			62830 45463	62830 45463	61830 45463	62830
01	.030" Rearing Cago Cancorow	E	45463	45463	45463	45463
84	Bearing Cage Capscrew	6	62158	62158	62158	62158
85	Lockwasher	6	37207	37207	37207	37207
86	Pinion Helical Gear	1	110845	110845	10077	
	Ratios 3.70				46977	
	Other Ratios				74991	
	34/38DSB, C					46977
	34/38DSD, E					74991

\* = Late Style - Use 128049 Metric Nut

NSS = Not Sold Separately

## $\textbf{EATON}^{\texttt{R}}$

MODELS: DS341, DS402(P), DS451-P, DS381(P), DS401-P, DS340, DS380(P), DS400-P, 34DS, 38DS (Cont'd)

ITEM NO.	PART NAME	QTY PER AXLE	DS341, DS402(P), DS451-P BUILT AFTER 4/6/89	DS381(P), DS402(P), DS401-P, DS451-P BUILT BEFORE 4/6/89	DS340, DS3L80(P) DS400-P NOTE 1	, 34DS 38DS
87	Slotted Pinion Nut	1	118806	118806		
88	Roll Pin	1	118807	118807		
	Slotted Nut	1			95206	95206
89	Air-Operated Lockout Assy					
	Models w/Lube Pump	1		CALL YOUR SALES REP		
	Models w/o Lube Pump	1		CALL YOUR SALES REP		
90	Shift Fork & Push Rod Assy					
	Models w/Lube Pump	1	102613	102613	102613	
	Models w/o Lube Pump	1	45859	45859	45859	45859
	Gasket Compound	AR	107276	107276	107276	107276

\* = Before 4/6/89 Use Late Style R & P & Late Pilot Bearing MUSB7307UM

### **RING GEAR & PINION KITS**

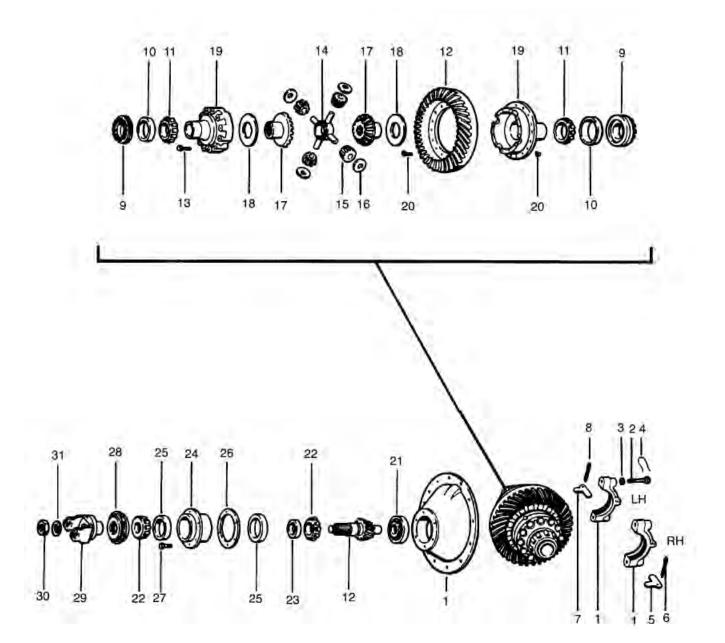
34/38DS PINION SPLINE: 1 5/8" 10 SPLINE								
<u>RATIO</u>	PART#	TEETH <u>COUNT</u>						
3.70	95536	(37-10)						
4.11	95537	(37-9)						
4.33	95538	(39-9)						
4.56	95539	(41-9)						
4.88	95540	(39-8)						
5.29	95541	(37-7)						
5.57	95542	(39-7)						
6.14	95543	(43-7)						
6.50	95544	(39-6)						
7.17	95545	(43-6)						

DS 340, 380, 400. PINION SPLINE: 1 5/8" 10 SPLINE								
<u>RATIO</u>	PART#	TEETH <u>COUNT</u>						
3.55 3.70 3.90 4.11 4.33 4.56 4.88 5.29 5.57 6.14 6.50 7.17	110862 95557 99745 95558 95559 95560 95561 95562 95563 95564 95565 95566	(39-11) (37-10) (39-10) (37-9) (39-9) (41-9) (39-8) (39-8) (37-7) (39-7) (43-7) (39-6) (43-6)						

#### FORWARD AXLES: DS341, 401, 402-P, 451-P. PINION SPLINE 41, 2.100" DIA. \*BEFORE AFTER 4/6/89 4/6/89 TEETH RATIO PART# PART # COUNT 3.36 120761 127265 (37-12) 3.55 111174 127266 (39-11) 3.70 111175 127267 (37-10) 3.90 111176 127268 (39-10) 4.11 111177 127269 (37-9) 4.33 111178 127270 (39-9) 4.56 111179 127271 (41-9) (39-8) 4.88 111180 127272 (37-7) 5.29 111181 127273 5.57 111182 127274 (39-7) 6.14 111183 127275 (43-7) 6.50 111184 127276 (39-6) 7.17 111185 127277 (43-6)



MODELS: RS341, 402(P), 451-P, 381(P), 401-P, 340, 380(P), 400-P, 34PS, 38PS



## $\textbf{EATON}^{\texttt{®}}$

#### MODELS: RS341, RS402, RS451, RS381, RS401, RS340, RS380, RS400, 34RS, 38RS

ITEM NO.	PART NAME	QTY PER AXLE	RS341, RS401, RS402, RS451 BUILT AFTER 4/6/89	RS341, RS381, RS401, RS402, RS451 BUILT BEFORE 4/6/89	RS340, RS380, RS400	34RS 38RS
	Bearing, Seal & Gasket Kit	1	RA222RR	RA1AR	RA1R	RA1AR
1	Diff. Carrier & Bearing Caps Carrier Casting No. ( <b>NSS</b> ) Includes Items 1-4	1	211219 128109	67804 106402	67804 106402	67804 106402
2	Bearing Capscrew	4	127179	127179	127179	127179
3	Flat Washer	4	26772	26772	26772	26772
4	Lockwire	4			90538	90538
5	Bearing Cap Adjuster Lock (RH)	1	13377	13377	13377	13377
6	Cotter Pin (RH)	1	90873	90873	90873	90873
7	Bearing Cap Adjuster Lock (LH)	1	14275	14275	14275	14275
8	Cotter Pin (LH)	1	90876	90876	90876	90876
9	Diff. Bearing Adjuster (RH)	1	110243	110243	27842	27842
	Diff. Bearing Adjuster (LH)	1	31562	31562	31562	31562
10	Diff. Bearing Cup (RH)	1	493	493	493	493
10	Diff. Bearing Cup (LH)	1	563	563	493 56650	493 563
11	Diff. Bearing Cone (RH)	1	497	497	497	497
	Diff. Bearing Cone (LH)	1	567	567	56425	497 567
12	RING GEAR & DRIVE PINION SET	1		E SEPARATE LISTING ON PA		507
	Includes Item 20					
13	Diff. Case Capscrew WHEEL DIFF. SIDE GEAR & PINION KIT Includes Items 14-18	12	96271	96271	96271	96271
	Models: 34, 340, 341	1	114469	114469	98850	98850
	38, 380, 381, 402	1	114470	114470	85358	85358
	400, 401, 451	1	98853	98853	98853	
	WHEEL DIFF. KIT LESS SIDE GEARS	1	118748	118748	118748	118748
14	Includes Items 14-16, 18 Spider	1	38289	38289	38289	38289
14	WHEEL DIFF. CASE KIT		30209	30209	30209	30209
	Ratios 3.08 & 3.25	1	212202			
	Ratios 3.36-5.29	1	106397	106397	106397	
	Ratios 5.57-7.17	1	124374	124374	124374	
	Includes Items 12-13 & 110243 Adjuster	·			121071	
	12" O.D 1/2" Bolt Flanged Half 91114	1				96794
	11-1/2" O.D 1/2" Bolt Flanged Half 91116	1				96795
	5/8" Bolt Flanged Half 88677	1				124374
15	Side Pinion 104139 replaces 37071	4	104139	104139	104139	104139
16	Side Pinion Thrust Washer	4	27810	27810	27810	27810
17	Side Gear	2				
	Models: 34, 340, 341		110525	110525	37072	37072
	38, 380, 381, 402		110527	110527	37069	37069
	400, 401, 451		85486	85486	85486	
18	Side Gear Thrust Washer (RH)	2	27827	27827	27827	27827
19	Diff. Case (Plain Half) ( <b>NSS</b> ) Diff. Case (Flanged Half) ( <b>NSS</b> )	1 1	210017	210017	210017	210017
	Ratios 3.08 & 3.25		127823			
	Ratios 3.36-5.29 Ratios 5.57-7.17		103865 88677	103865 88677	103865 88677	
	1.000 0.01-1.11		00011	00011	00011	
20	RING GEAR NUT & BOLT KIT (5/8")	1	70745	70745	70745	70745
	Bolt	16	67586	67586	67586	67586
	Nut	16	60600	60600	60600	60600

NSS = Not Sold Separately

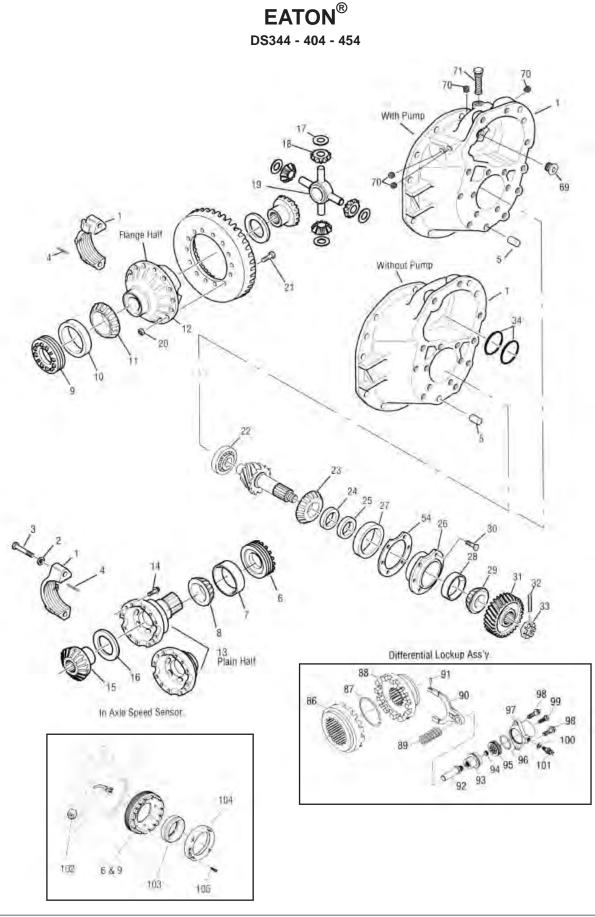


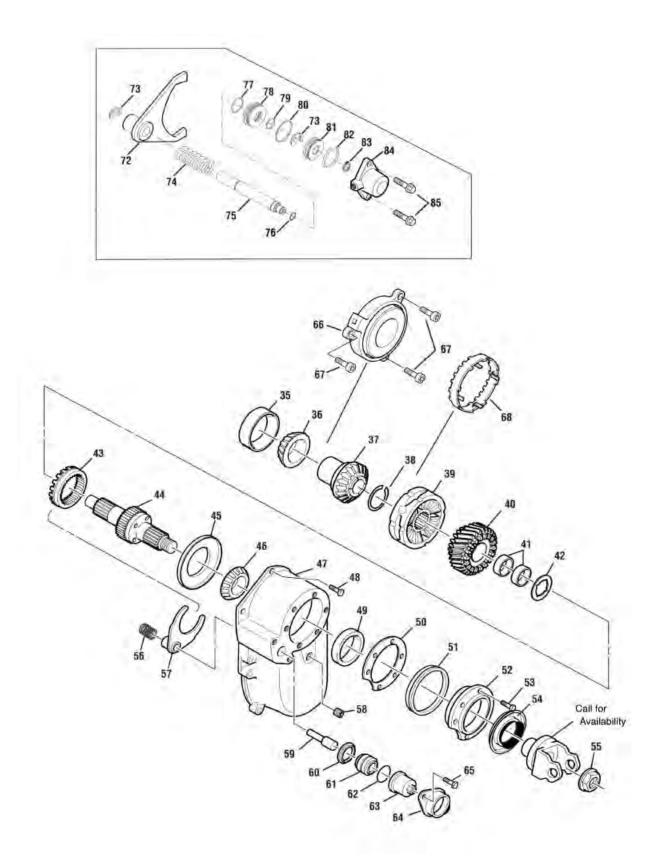
#### MODELS: RS341, RS402, RS451, RS381, RS401, RS340, RS380, RS400, 34RS, 38RS (Cont'd)

ITEM NO.	PART NAME	QTY PER AXLE	RS341, RS402, RS451 BUILT AFTER 4/6/89	RS341, RS381, RS401, RS402, RS451 BUILT BEFORE 4/6/89	RS340, RS380, RS400	34RS 38RS
20	RING GEAR NUT & BOLT KIT (1/2")	1				69957
	Bolt	16				69117
	Nut	16				67592
_21	Pinion Pilot Bearing	1	MUSB7307UM	MUS1307UM	MUS1307UM	MUS1307UM
22	Pinion Bearing Cone (Inner)	1	72218C	55200C	55200C	55200C
	Pinion Bearing Cone (Outer)	1	55200C	55200C	55200C	55200C
23	Pinion Bearing Spacer	AR		CALL YOUR SALES REP		
24	Pinion Bearing Cage & Cup Assy Includes Item 25					
	Ratios 3.55 & 3.70	1	127039	75108	75108	
	Cage (NSS)		127038	75107	75107	
	Ratios 3.08, 3.25, 3.36, 3.90-7.17	1	107496	75110	75110	
	Cage (NSS)		107495	75109	75109	
	34/38RSB, C	1				75108
	34/38RRD, E					75110
25	Pinion Bearing Cup (Inner)	1	72487	55437	55437	55437
	Pinion Bearing Cup (Outer)	1	55437	55437	55437	55437
	OIL SEAL & SHIM KIT Includes Items 26, 28 & RTV	1	213763	213764	213764	213764
26	Pinion Bearing Cage Shim	AR				
	.003"		107567	43588	43588	43588
	.005"		107568	107568	107568	107568
	.010"		107569	43589	43589	43589
	.020"		107570	107570	107570	107570
	.030"			43590	43590	43590
27	Bearing Cage Capscrew	6	113325	113325	113325	113325
28	Pinion Seal	1	475012N	475012N	475012N	475012N
29	Pinion Yoke			CALL YOUR SALES REP		
30	Pinion Nut	1	95206	95206	95206	
	Ratio 3.70-4.33 (1-31/32" Spline)	1				95206
	4.33-7.17 (1-3/4" Spline)	1				95205
31	Flat Washer	1	56864	56864	56864	4327
	Gasket Compound	AR	107276	107276	107276	107276

#### NSS = Not Sold Separately

	REAR AXLES AFTER 4/6/89 RS401, 402, 45 DNG PINION SH	) 51			REAR AXLES BEFORE 4/6/89 RS341, 381, 40	9
		TEETH				TEETH
DATIO	DADT#			DATIO	DADT#	
RATIO	PART#	COUNT		RATIO	PART#	COUNT
3.36	217996	(37-11)		3.36	120763	(37-11)
		• •				. ,
3.55	217997	(39-11)		3.55	111501	(39-11)
3.70	217998	(37-10)		3.70	111502	(37-10)
3.90	217999	(39-10)		3.90	111503	(39-10)
4.11	218000	(37-9)		4.11	111504	(37-9)
4.33	218001	(39-9)		4.33	111505	(39-9)
4.56	218002	(41-9)		4.56	111506	(41-9)
4.88	218003	(39-8)		4.88	111507	(39-8)
5,29	218004	(37-7)		5.29	111508	(37-7)
5.57	218005	(39-7)		5.57	111509	(39-7)
6.14	218006	(43-7)		6.14	111510	(43-7)
6.50	218007	(39-6)		6.50	111511	(39-6)
7.17	218008	(43-6)		7.17	111512	(43-6)
INCL	INCLUDES PINION YOKE					
S	SPACER 1291	69				
			<u> </u>			





## $\textbf{EATON}^{\texttt{®}}$

DS344 - 404 - 454

			DS344, DA404(P) DS404(P)	DD404(P)	
ITEM	DESCRIPTION	QUANTITY	Y DS454-P	DD454-P	NOTES
	Bearing, Seal & Gasket Kit		RA404FR	217463	
1	Diff. Carrier & Bearing Caps Kit	1	216222	217361	Non-Pump Models
	(Includes Items 1-3, 5, 62)		217360	217537	Models with Pump
			217536		DA404 Model Only
2	Flat Washer	4	210288	210288	
3	Capscrew	4	210095	210095	
4	Cotter Pin	2	126156	126156	
5	Dowel Pin	2	7641	7641	
6	Diff. Bearing Adjuster - Plain Half	1	127412	128616	
	5 ,		128429		DA404(P) Model Only
7	Bearing Cup - Plain Half	1	493	42584	
8	Bearing Cone - Plain Half	1	497	42362	
9	Diff. Bearing Adjuster - Flange Half	1	127410	127410	
č		•	128428		DA404(P) Model Only
10	Bearing Cup - Flange Half	1	563	563	
11	Bearing Cone - Flange Half	1	567	567	
	WHEEL DIFF. CASE KITS	I	507	507	
12	Diff. Case-RH (Flg. Half) - (NSS) 127585	5 1	508653	508724	Ratios 2.64 to 3.25
14	Diff. Case-RH (Fig. Half) - (NSS) 127586		508654	508725	Ratios 2.84 to 3.25 Ratios 3.36 to 3.90
	Diff. Case-RH (Fig. Half) - (NSS) 127560 Diff. Case-RH (Fig. Half) - (NSS) 127574		508655	508725	Ratios 3.36 to 3.90 Ratios 4.11 to 4.88
	Diff. Case-RH (Flg. Half) - (NSS) 127575	)	508656	508727	Ratios 5.29 to 6.50
40	(Includes Items 13-14)	4	407400	400007	Use 508652 Belt Kit
13	Diff. Case-LF (Plain Half) - (NSS)	1	127498	128607	Order kits listed above
14	Capscrew	12	127465	128619	Included in Case Kits
	WHEEL DIFF. SIDE GEAR KIT		217461		All 344 Models
	(Includes Items 15-19)		216229	216229	All 404 & DS454-P Models
			217462		DD454P Models Only
	WHEEL DIFF. W/O SIDE GEARS (Includes Items 16-19)		216228	216228	
15	Diff. Spider	1	127359	127359	
15	RING GEAR NUT & BOLT KIT	1	121753	121753	
	(Includes Items 20-21)		121755	121755	
	,				
40	Ring Gear & Pinion Drive Set (NSS) Side Pinion			(SEE SEPARATE LIST	ING ON PAGE 27)
16		4	127364	127364	
17	Side Pinion Thrust Washer	4	129305	129305	
18	Side Gear - 39 Inv. Spline	2	127367	407000	All 344 Models
	41 Inv. Spline		127368	127368	All 404 & DS454-P Models
	33 Inv. Spline	-		127366	DD454-P Models Only
19	Side Gear Thrust Washer	2	127386	127386	
20	Nut	16	126216	126216	
21	Bolt	16	126219	126219	
22	Pinion Pilot Bearing	1	MUB1307UM	MUB1307UM	
23	Pinion Bearing Cone - Inner	1	72218C	72218C	
24	Spacer Washer	1	127565	127565	
25	Pinion Bearing Spacer	AR			
26	Pinion Bearing Cage & Cup Assy Cage # 127488C ( <b>NSS</b> ) (Includes Items 26-28)	1	127601	127601	Includes Item 26-28
27	Pinion Bearing Cup - Inner	1	72487	72487	
20	Divison Descring Cure Outer	4	FF 407	EE 407	
28	Pinion Bearing Cup - Outer	1	55437	55437	
29	Pinion Bearing Cone - Outer	1	72218C	72218C	
30	Capscrew Pinion Helical Gear	<u>6</u> 1	210115	210115 127523	
31			127523		

#### NSS = Not Sold Separately

### **EATON**<sup>®</sup> DS344 - 404 - 454 (Cont'd)

ITEM	DESCRIPTION	QUANTITY	DS344, DA404(P) DS404(P) DS454-P	DD404(P) DD454-P	NOTES
32	Roll Pin	1	118807	118807	
33	Slotted Pinion Nut	1	126182	126182	
34	Output Shaft O-Ring	2	127545	127545	
35	Output Shaft Bearing Cup	1	29630	29630	
36	Output Shaft Bearing Cone	1	29675	29675	
37	Output Shaft Side Gear	1	127645	127645	
38	Snap Ring	1	85997	85997	
39	Inter-Axle Diff. Assy	1	128634	128634	Use For Non-Pump &
		1	128634	128634	Pump Models
40	Helical Side Gear & Bushing Assy Gear <b>#</b> 127494 - ( <b>NSS</b> ) Includes Item 41)	1	127495	127495	
41	Helical Gear Bushing - (NSS)	2	(NSS)	(NSS)	
42	Helical Gear Thrust Washer	2	128702	128702	
43	Lockout Sliding Clutch	1	127510	127510	
44	Input Shaft Kit - Shaft #128704 (NSS)	1	216226	216226	Includes Items 42, 44, 55
45	Oil Retainer	1	128700	128700	
46	Input Shaft Bearing Cone	1	552A	552A	
47	PDU Cover	1	127605	127605	
48	Capscrew	5	210091	210091	Long
		4	210115	210115	Short
49	Bearing Cup	1	555S	555S	
	OIL SEAL & SHIM KIT	1	216224	216224	Incl.Items 50,54 &127592 Oil Seal
50	Shim .003	AR	127595	127595	
	Shim .005	7.4.5	127596	127596	
	Shim .010		127597	127597	
	Shim .020		127598	127598	
	Shim .030		127599	127599	
51	Oil Seal-V-Ring	1	401300	401300	
52	Input Brg. Cover Assy - Cover #127490		127602	127602	Includes Item 49
53	Bearing Cover Capscrew	6	210115	210115	
54	Oil Seal	1	127591	127591	
55	Locknut	1	128049	128049	Included in 216226 Kit
56	Compression Spring	1	127474	127474	
57	Shift Fork Assy	1	129783	129783	
58	Plug	1	90325	90325	
59	Push Rod	1	127477	127477	
	AIR-OPERATED LOCKOUT ASSY	1	121905	121905	Includes Items 60-64
60	Shoulder Washer	1	210452	210452	
61	Piston	1	210432	210278	
62	O-Ring	1	210270	210180	
63	Shift Cylinder Body	1	210100	210276	
64	Mounting Bracket	1	127675	127675	
65	Capscrew	2	210182	210182	
66	Lube Pump Assembly	1	127534	127534	Pump Models Only
67	Capscrew	3	127551	127551	Pump Models Only
68	Drive Coupling - Service	1	128628	128628	Pump Models Only (Prod#127648)
69	Poppet Valve Plug	1	19411	19411	Pump Models Only
70	Pipe Plug	4	X12603	X12603	Pump Models Only
71	Filter Screen Assy	1	127649	127649	Pump Models Only
	NAVISTAR <sup>®</sup> REVERSE-AIR LOCKOUT		216048	216048	Includes Items 73-85

#### NSS = Not Sold Separately

### **EATON**<sup>®</sup> DS344 - 404 - 454 (Cont'd)

ITEM	DESCRIPTION	QUANTITY	DS344, DA404(P) DS404(P) DS454-P	DD404(P) DD454-P	NOTES
72	Shift Fork	1	CALL YOUR S	SALES REP	
73	Snap Ring	2	128725	128725	
74	Compression Spring	1	128731	128731	
75	Push Rod	1	128730	128730	
76	O-Ring	1	128331	128331	
77	O-Ring	1	128727	128727	
78	Pilot Plate	1	128726	128726	
79	O-Ring	1	128729	128729	
80	O-Ring	1	128728	128728	
81	Piston	1	128724	128724	
82	O-Ring	1	210180	210180	
83	Snap Ring	1	128734	128734	
84	Piston Cover	1	128733	128733	
85	Capscrew - Fig Head Hex	2	128744	128744	
86	Fixed Curvic Clutch Gear	1	N/A	128627	
87	Snap Ring	1	N/A	210299	
88	SI Curvic Clutch Gear	1	N/A	126840	DD404(P)
		· ·	N/A	128926	DD454-P
89	Compression Spring	1	N/A	128614	
90	Shift Fork - (NSS)	1	N/A	128609	
91	Spring Pin	1	N/A	210020	
92	Push Rod	1	N/A N/A	128617	
93	Piston Driver	· · · · · · · · · · · · · · · · · · ·	N/A N/A	128640	
94 95	Set Screw Piston	<u> </u>	N/A N/A	128618 128624	
 	O-Ring	1	N/A N/A	210180	
<u>96</u> 97	Piston Cover	1	N/A N/A	128612	
97	Capscrew - Fix Head Hex	2	N/A N/A	128744	
99	Capscrew	1	N/A	128274	
100	Washer	1	N/A	126618	
100	Switch	1	N/A	210280	
102	Sensor Connector	2	128713	N/A	DA404(P) Models Only
103	Rotor Assembly - 41 Spline	2	128081	N/A	DA404(P) Models Only
103	Sensor Assembly	2	128082	N/A N/A	DA404(P) Models Only
104	Fasteners	4	128074	N/A	DA404(P) Models Only
105	RTV - Sealant	1	107276	107276	

NSS = Not Sold Separately

#### **RING GEAR & PINION KITS**

	D344/404(P) SINGLE REDUCTION AXLES								
DD40	DD404(P)/454-P SINGLE REDUCTION AXLES W/DIFF. LOCK								
	15" HYPOID GEARING								
		TEETH			TEETH				
RATIO	PART#	COUNT	<u>RATIO</u>	<u>PART #</u>	COUNT				
2.64	211462	(37-14)	4.11	211470	(37-9)				
2.85	211463	(37-13)	4.33	211471	(39-9)				
3.08	211464	(37-12)	4.63	211472	(37-8)				
3.25	211465	(39-12)	4.88	211473	(39-8)				
3.36	211466	(37-11)	5.29	211474	(37-7)				
3.55	211467	(39-11)	5.57	211475	(39-7)				
3.70	211468	(37-10)	6.17	211476	(37-6)				
3.90	211469	(39-10)	6.50	211477	(39-6)				

## **KITS & ASSEMBLIES**

508652

216224

121905

216048

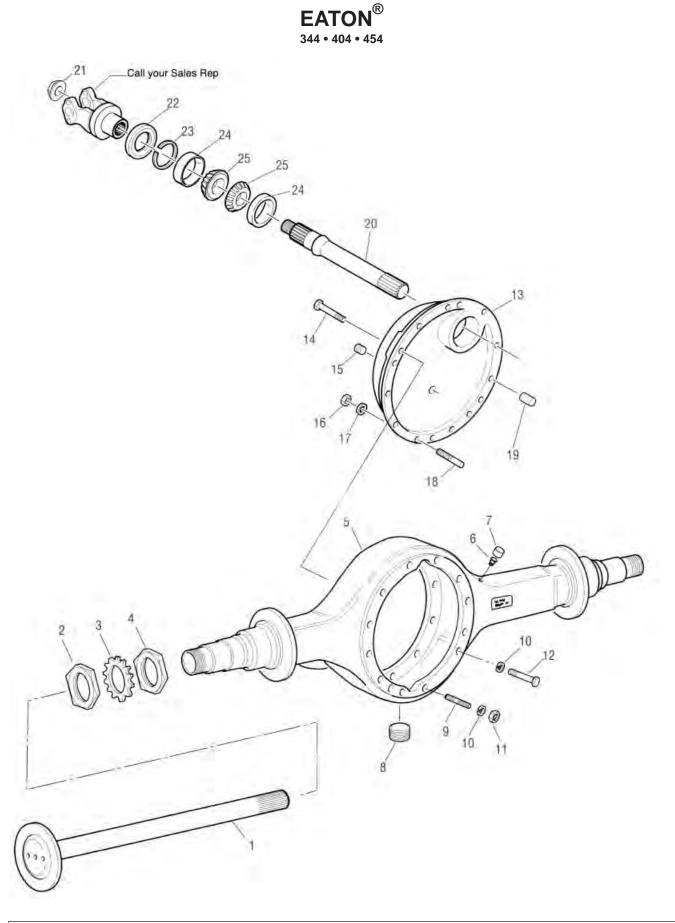
216226

Ring Gear Nut & Bolt Kit Oil Seal & Shim Kit Lockout Cylinder Assy Reverse Air Lockout Assy (IHC) Input Shaft Kit

Includes Items 20-21 Includes 50, 54 & 127592 Seal Includes 64-68 Includes 72, 74-85 Includes 42, 44, 55

## Notes

PARTS LISTED IN THIS CATALOG ARE NOT NECESSARILY MANUFACTURED BY THE ORIGINAL EQUIPMENT MANUFACTURER AND ANY REFERENCE TO THE TRADEMARKS OF OTHERS ARE FOR CROSS REFERENCE INFORMATIONAL PURPOSES ONLY. THE TRADEMARKS OF OTHERS REFERENDE TO HEREIN ARE OWNED BY THEIR RESPECTIVE	E COMPANIES AND
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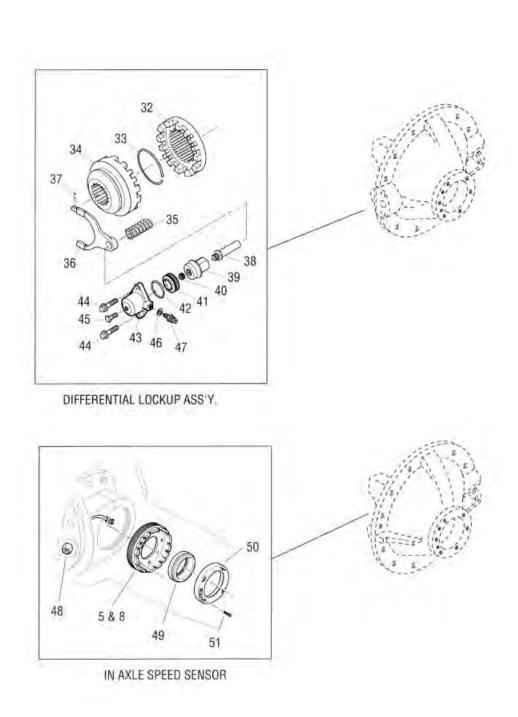


# **EATON**<sup>®</sup> 344 • 404 • 454

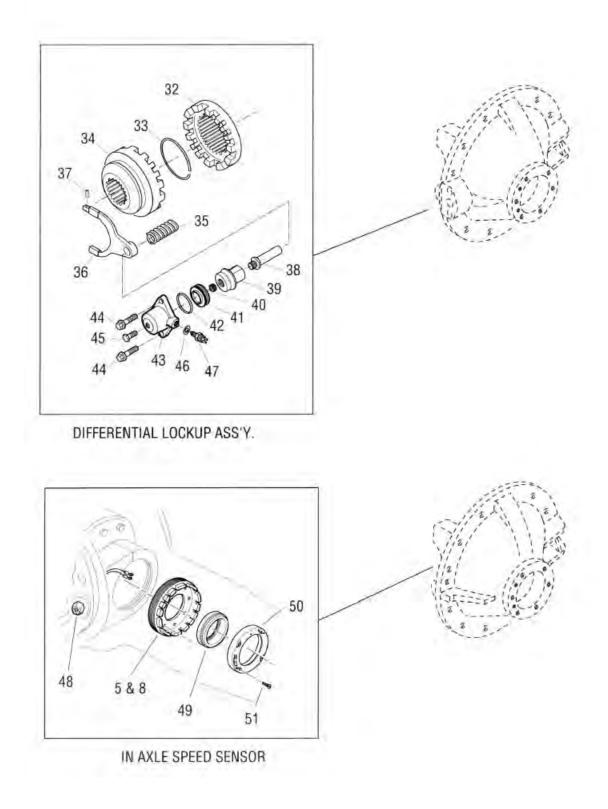
ТЕМ	DESCRIPTION	QTY	PART NO.	NOTES
1	Axle Shaft	2	A/R	CALL YOUR SALES REP
2	Outer Bearing Adjuster Nut	2	119881	All D/R Models
3	Bearing Adjuster Lockwasher	2	119883	All D/R Models
4	Inner Bearing Adjuster Nut	2	119882	All D/R Models
5	Axle Housing Assy	1		See Your OEM Catalog
6	Breather	1	809560	
7	Plastic Snap Cap	1	126980	
8	Magnetic Drain Plug - 3/4"	1	54254	All D/R Models
9	Stud - Carrier to Housing	4	127641	DS/RS344/404/454
		2	127641	DD/RD404/454
10	Lockwasher - Carrier to Housing	12	90422	All D/R Models
11	Nut - Carrier to Housing	4	127567	RS344/404/454
		2	127567	DD/RD404/454
12	Capscrew (short) - Carrier to Housing	8	210173	All D/R Models (was 127590)
	Capscrew (long)	2	128639	DD/RD404/454
13	Axle Housing Cover Assy	1	217520	Includes (1) Item #24
	Cover casting # 127486C - (NSS)			Forward Axle
14	Capscrew - Housing Cover to Head Assy	8	210135	All Forward Axles
15	Magnetic Plug - 1"	1	127572	
16	Nut - Housing Cover to Head Assy	4	127569	All Forward Axles
17	Lockwasher - Housing Cover to Head Assy	12	210140	All Forward Axles
18	Stud - Housing Cover	4	127568	All Forward Axles
19	Dowel Pin - Housing Cover	1	7641	All Forward Axles
20	OUTPUT SHAFT KIT	1	216227	Includes Items 20-21
	Output Shaft #127646- (NSS)		216227	
21	Locknut - Hex	1	127588	
22	Oil Seal	1	127592	
23	Snap Ring			
	.103	1	127538	
	.109	1	127537	
24	Bearing Cup	2	55437	
25	Bearing Cone	2	55212C	

#### **KITS AND ASSEMBLIES**





RS344 - 404 - 454 (Cont'd)



RS344 - 404 - 454 (Cont'd)

			RS344, RA404 RS404	RD404	
ITEM	DESCRIPTION	QUANTITY	RS404 RS454	RD404 RD454	NOTES
	Bearing, Seal & Gasket Kit		RA404RR	217464	
1	Diff. Carrier & Bearing Caps (Includes Items 1-3)	1	216223 217538	217362	RA404 Models Only
2	Flat Washer	4	210288	210288	
3	Capscrew	4	210095	210095	
4	Cotter Pin	2	126156	126156	
5	Diff. Bearing Adjuster - Plain Half	1	127412	128615	
	<b>U</b>		128429		RA404 Models Only
6	Bearing Cone - Plain Half	1	497	42362	
7	Bearing Cup - Plain Half	1	493	42584	
8	Diff. Bearing Adjuster - Flange Half	1	127410	127410	
			128428		RA404 Models Only
9	Bearing Cup - Flange Half	1	563	563	
10	Bearing Cone - Flange Half	1	567	567	
	WHEEL DIFF. CASE KITS				
11	Diff. Case-LH (Flg. Half) - (NSS) 127585	1	508653	217166	Ratios 2.64 to 3.25
	Diff. Case-LH (Flg. Half) - (NSS) 127586		508654	217167	Ratios 3.36 to 3.90
	Diff. Case-LH (Flg. Half) - (NSS) 127587		508655	217168	Ratios 4.11 to 4.88
	Diff. Case-LH (Flg. Half) - (NSS) 216233 (Includes Items 11-13)		508656	217169	Ratios 5.29 to 6.50
12	Capscrew	12	127465	128619	
13	Diff. Case-RH (Plain Half) - (NSS)	1	127408	128607	Order Kits Listed on Next Page
	WHEEL DIFF. SIDE GEAR KIT	-	217461		All 344 Models
	(Includes Items 14-18)		216229	216229	All 404 & RS454 Models
			2:0220	217462	RD454 Models Only
14	Diff. Spider	1	127359	127359	<b> </b>
	RING GEAR NUT & BOLT KIT		121753	121753	Includes Items 19-20
15	Side Pinion	4	127364	127364	
	WHEEL DIFF. KIT W/O SIDE GEARS (INCLUDES ITEMS 15-18)		216228	216228	
16	Side Pinion Thrust Washer	4	127369	127369	
17	Side Gear - 39 Inv. Spline	2		127367	All 344 Models
	41 Inv. Spline		127368	127368	All 404 & RS454 Models
	33 Inv. Spline			127366	RD454 Models Only
18	Side Gear Thrust Washer	2	127386	127386	<b> </b>
19	Nut	16	126216	126216	
20	Bolt	16	126219	126219	
21	Pinion Pilot Bearing	1	MUB7307UM	MUB7307UM	
22	Pinion Bearing Cone - Inner	1	72212C	72212C	
23	Pinion Bearing Spacer	AR		R SALES REP	
24	Pinion Bearing Cage & Cup Assy (Cage #127481C ( <b>NSS</b> )	1	127600	127600	Includes Item 24-26
25	Pinion Bearing Cup - Inner	1	72487	72487	
26	Pinion Bearing Cup - Outer	1	55437	55437	
27	Pinion Bearing Cone - Outer	1	55200C	55212C	
28	Capscrew	6	210115	210115	
	OIL SEAL & SHIM KIT		216225	216225	Includes Items 29-30, 52
29	Shim .003	AR	127595	127595	, -
	Shim .005		127596	127596	
	Shim .010		127597	127597	
	Shim .020		127598	127598	
	Shim .030		127599	127599	
30	Oil Seal	1	127591	127591	

#### NSS = Not Sold Separately

### RS344 - 404 - 454 (Cont'd)

			RS344, RA404		
ITEM	DESCRIPTION	OUANTITY	RS404	RD404	NOTES
ITEM	DESCRIPTION	QUANTITY	RS454	RD454	NOTES
31	Pinion Nut	1	127589	127589	
32	Fixed Curvic Clutch Gear	1	N/A	128627	
33	Snap Ring	1	N/A	210299	
34	SL Curvic Clutch Gear	1	N/A	126840	RD404
			N/A	128926	RD454
35	Compression Spring	1	N/A	128614	
	SHIFT FORK ASSY		N/A	217465	Includes Items 36-37
36	Shift Fork - 128611C (NSS)	1	N/A	128609	
37	Spring Pin	1	N/A	210020	
38	Push Rod	1	N/A	128617	
39	Piston Driver	1	N/A	128640	
40	Set Screw	1	N/A	128618	
41	Piston	1	N/A	128624	
42	O-Ring	1	N/A	210180	
43	Piston Cover	1	N/A	128612	
44	Capscrew - Flg. Head	2	N/A	128744	
45	Capscrew	1	N/A	128274	
46	Washer	1	N/A	126618	
47	Switch	1	N/A	210280	
48	Sensor Connector	2	128713	N/A	RA404 Models Only
49	Rotor Assembly - 41 Spline	2	128081	N/A	RA404 Models Only
50	Sensor Assembly	2	128082	N/A	RA404 Models Only
51	Fasteners	4	128074	N/A	RA404 Models Only
52	RTV - Sealant	1	107276	107276	Not Illustrated

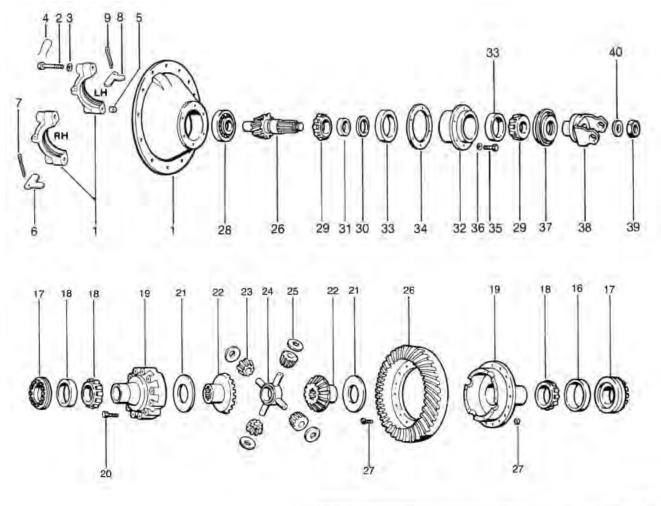
### NSS = Not Sold Separately

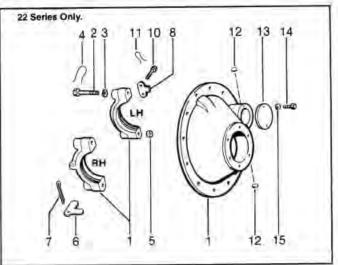
RING GEAR & PINION KITS									
R344/404/454 SINGLE REDUCTION AXLES RD404/454 SINGLE REDUCTION AXLES W/DIFF. LOCK 15" HYPOID GEARING									
	теетн теетн								
RATIO	PART#	COUNT	RATIO	PART #	COUNT				
2.64	211478	(37-14)	4.11	211486	(37-9)				
2.85	211479	(37-13)	4.33	211487	(39-9)				
3.08	211480	(37-12)	4.63	211488	(37-8)				
3.25	211481	(39-12)	4.88	211489	(39-8)				
3.36	211482	(37-11)	5.29	211490	(37-7)				
3.55	211483	(39-11)	5.57	211491	(39-7)				
3.70	211484	(37-10)	6.17	211492	(37-6)				
3.90	211485	(39-10)	6.50	211493	(39-6)				

## **KITS & ASSEMBLIES**

Basic Overhaul Kit - RS & RA Models Basic Overhaul Kit - RD Models Oil Seal & Shim Kit Ring Gear Nut & Bolt Kit RA404RRContents Identified With #217464Contents Identified With #216225Includes Items 29-30, 52508652Includes Items 19-20

**EATON**<sup>®</sup> SINGLE AXLE DIFFERENTIAL - SINGLE REDUCTION 17, 18101, 21, 22, 23-26121





### SINGLE AXLE DIFFERENTIAL - SINGLE REDUCTION

ITEM		QTY PER	17101-21 18101-21		23121
NO.	PART NAME	AXLE	21121	22121	26121
Bearing	g, Seal & Gasket Kit	1	RA1AR	110634	RA18ER
1	Diff. Carrier & Bearing Caps Carrier Casting No. ( <b>NSS</b> ) 67804 (Includes Items 1-4) 109364 (Includes Items 1-5, 12-13 plus (2) 20807 Capscrews and (2) 90415 lockwashers).	1	67804 106402	109364 107493	98593 98493
	98593 (Includes Items 1-5)				
2	Bearing Capscrew	4	67811	32732	32732
3	Flat Washer	4	26772	32912	31912
4	Lockwire	4	90538		12563
	Lockwire	2		90538	
5	Lockwire Dowol Buching	2		12563	
5 6	Dowel Bushing Bearing Cap Adjuster Lock (RH)	1	13377	<u>32730</u> 13377	<u>32730</u> 14275
7	Cotter Pin (RH)	1	90873	90873	90876
8	Bearing Cap Adjuster Lock (LH)	1	14275	45448	14275
9	Cotter Pin (LH)	1	90876		90876
10	Capscrew (LH)	2		12562	
11	Lockwire	1			
12	Upper Expansion Plug	1		30703	
	Lower Expansion Plug	1		9797	
13	Shift Fork Opening Cover	1		45521	
14	Stud/Screw	2		119863	
15	Flat Washer	2		119857	
17	Diff. Bearing Adjuster (RH)	1		110243	21637
	17, 21 Series		110243		
	18 Series		27842		
	Diff. Bearing Adjuster (LH) (106694 includes 90943 Cup)	1	31562	106694	39448
16	Diff. Bearing Cup (RH)	1	493	493	42584
	Diff. Bearing Cup (LH)	1	563	563	653
18	Diff. Bearing Cone (RH)	1	467	497	42381
	Diff. Bearing Cone (LH)	1	567	567	665
	WHEEL DIFF. CASE KIT (Includes Items 19-20) To service axles with 88678 case: 1/2" Bolt	1	06704		
	5/8" Bolt	1 1	96794 94799		
	To service axles with 110138 case:	I	54133		
	Ratios 3.36-5.29	1	106397	106397	
	Ratios 5.57-7.17	1	94799	94799	
	(Above kits include 110243 adjuster)		01100	01100	
	Ratios 3.55-4.11	1			98610
	Ratios 4.33-6.67	1			98611
19	Diff. Case (Plain Half) (NSS)	1	110138	110138	86777
	Diff. Case (Flanged Half) (NSS)	1			
	1/2" Bolt	1	91114		
	5/8" Bolt	1	88677		
	Ratios 3.36-5.29	1	193865	193865	
	Ratios 5.57-7.17	1	88677	88677	
	Ratios 3.55-4.11	1			88501
	Ratios 4.33-6.67	1			88776
20	Diff. Case Capscrew	12	96271	96271	88503
	WHEEL DIFF. KIT (Contains Items 21-25 including required	1		114470	114472
	side gear) 17 Series	1	114460		
	17 Series	1 1	114469		
	18, 21 Series	I	114470		

### NSS = Not Sold Separately

# **EATON**<sup>®</sup> SINGLE AXLE DIFFERENTIAL - SINGLE REDUCTION (Cont'd)

ITEM		QTY PER	17101-21 18101-21		23121
NO.	PART NAME	AXLE	21121	22121	26121
21	Side Gear Thrust Washer	2	27827	27827	27274
21	WHEEL DIFF. KIT LESS SIDE GEARS			21021	
22	(Includes Items 21, 23-25) Diff. Side Gear	1	118748	118748	118749
	Straight Splines	2	37072	37069	
	Involute Splines	2		110527	
	17 Series	2	110525		
	18 & 21 Splines	2	110527		
	Involute Splines 22	2			86784
23	Involute Splines 36 Side Pinion	2 4	104139	104139	93401
23	Spider	1	38289	38289	<u> </u>
25	Side Pinion Thrust Washer	4	27810	27810	86781
		•	21010	2:0:0	
26	RING GEAR & DRIVE PINION SET (NSS	) 1	MATCHED PARTS: (S	SEE SEPARATE LISTING (	N PAGE 38)
27	RING GEAR BOLT & NUT KIT				
	1/2" Fasteneers	1	69957		
	Bolts	16	69117		
	Nuts	16	67592		
	5/8" Fasteners	1	70745	70745	70745
	Bolts	16	110686	110686	110686
	Nuts	16	60606	60600	60600
	For use with 5/8" drive gear and 1/2" diff. case holes	1	120780		
	Bolts	16	119865		
	Nuts	16	67592		
28	Pinion Pilot Bearing	1	MUS1307UM	MUS1307UM	MUS1308UM
29	Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer)	1	55200C 55200C	72200C 55200C	78215C 72212C
30	Pinion Bearing Spacer	AR	332000	332000	122120
31	Pinion Bearing Spacer Washer	1			31366
32	Pinion Bearing Cage & Cup Assy	1			31300
52	(Includes Item 33)				
	Ratios 3.55-3.70 (Cage 75107)	1	75108		
	Other Ratios (Cage 75109)	1	75110		
	(Cage 107495)	1		107496	
33	(Cage 79245) Pinion Bearing Cup (Inner)	1	55437	72487	79246 78551
55	Pinion Bearing Cup (Outer)	1	55437	55437	72487
	OIL SEAL & SHIM KITS	1	114165	115551	115581
	(Includes Items 34 & 37 & Sealant)	·			
34	Pinion Bearing Cage Shims	AR			
	.003"		43588	107567	67920
	.005"		61993	107568	67921
	.010"		43589	107569	67922
	.020"		61994	107570	67923
35	Bearing Cage Capscrew	6	113325	113325	113327
36	Lockwasher	6			90422
37	Oil Seal & Retainer Assy.	1	119427	119427	119432
38	Input Yoke	1		CALL YOUR SALES REF	
39	Pinion Nut	1		95206	95262
-	Ratios 3.55-4.33	1	95206		
	Ratios 4.56-7.17	1	95205		
40	Flat Washer	1		56864	
	(With #95206 Nut)	1	56864		
	(With #95205 Nut)	1	4327		
	Gasket Compound	1	107276	107276	107276

NSS = Not Sold Separately

# **EATON**<sup>®</sup>

### SINGLE AXLE DIFFERENTIAL - SINGLE REDUCTION

### **RING GEAR & PINION KITS**

	MODEL 17101, 18101 GEAR: 16" WITH 5/8" BOLT								
GEAR	GEAR	TEETH							
<u>RATIO</u>	SET	<u>COUNT</u>							
3.70	96619	(37-10)							
4.11	95520	(37-9)							
4.33	96621	(39-9)							
4.33	99930	(39-9)							
•	VICE FOR 1-3 PINION SPLIN								
4.56	96622	(41-9)							
4.88	96623	(39-9)							
5.29	96624	(37-7)							
5.57	96625	(39-7)							

MODEL 17121, 18121 GEAR: 16 -1/2" WITH 5/8" BOLT							
GEAR <u>RATIO</u>	•=						
5.57 6.14 6.57 7.17	96626 96627 113466 119239	(39-7) (43-7) (46-7) (43-6)					

MODEL 21121 GEAR: 3.36-3.70 16":							
OTHERS 16-1/2"							
GEAR	GEAR	TEETH					
RATIO	_SET_	COUNT					
3.36	120763	(37-11)					
3.55	111501	(39-11)					
		. ,					
3.70	111502	(37-10)					
3.90	111503	(39-10)					
4.11	111504	(37-9)					
4.33	111505	(39-9)					
4.56	111506	(41-9)					
4.88	111507	(39-8)					
5.29	111508	(37-7)					
5.57	111509	(39-7)					
6.14	111510	(43-7)					
6.50	111511	(39-6)					
7.17	111512	(43-6)					

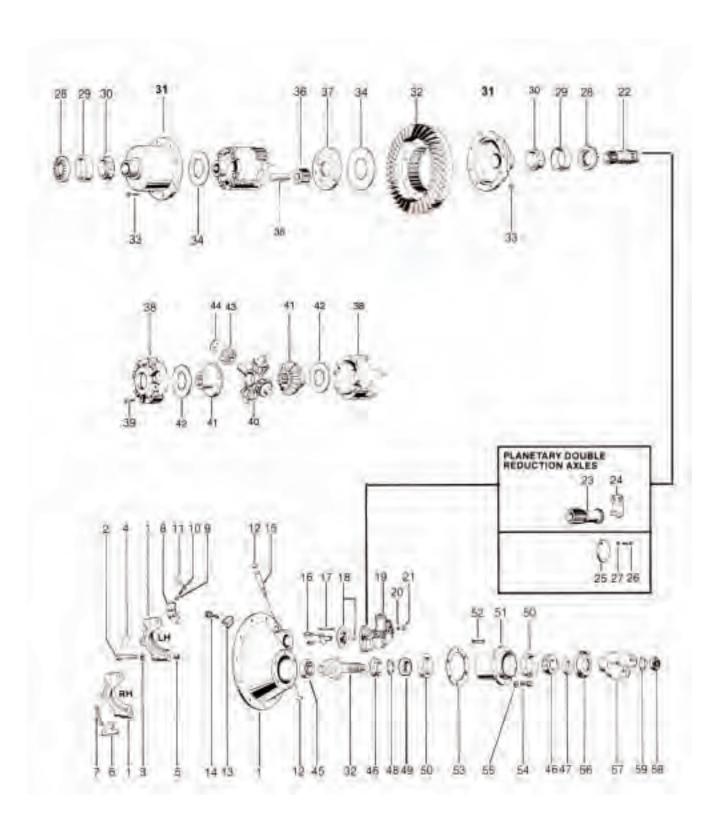
MODEL 22121 GEAR: 17"									
GEAR <u>RATIO</u>	GEAR SET	TEETH <u>COUNT</u>							
3.90 4.11 4.33 4.62 4.88 5.29 5.57 6.17 6.50 7.17	107537 107538 107539 107540 107541 107542 107543 107544 107545 107546	(39-10) (37-9) (37-8) (37-8) (39-8) (37-7) (37-6) (39-6) (43-6)							

All gear sets with 1/2" bolts have been superseded to current product 5/8" bolt gear sets. When making replacements, a nut and bolt kit P/N 120780 must be used.

When replacing 16" gears with 16-1/2" gear sets, cage and cup 75110 is also required.

MODEL 23121, 26121 (LATE) GEAR: 18"								
GEAR	GEAR	TEETH						
<u>RATIO</u>	SET	<u>COUNT</u>						
3.55	111352	(39-11)						
3.70	98264	(37-10)						
3.90	99899	(39-10)						
4.11	98265	(37-9)						
4.33	98101	(39-9)						
4.56	98102	(41-9)						
4.88	98103	(39-8)						
5.43	98104	(38-7)						
6.17	98105	(37-6)						
6.67	98106	(40-6)						

## **EATON**<sup>®</sup> SINGLE AXLE 2-SPEED GEAR SETS



### SINGLE AXLE 2-SPEED GEAR SETS

ITEM		QTY. PER	15201	16244	17201-21 17301-21 18201-21 18301-21 21221	22221	23221 23321 26221	
NO.	PART NAME	AXLE	15301	16344	21321	22321	26321	35327
	Bearing, Seal & Gasket Kit	1 1	RA24R	RA23DR	RA1R	110635	RA72AR 110572	110604
		1					110598	
1	Diff. Carrier & Bearing Caps Carrier Casting No. ( <b>NSS</b> ) 76929 (Includes Items 1-4, 12, 15, 17, 20, 21, 25 and Sealant) 76930 (Includes Items 1-4, 12, 15, 20, 21, 25) 67756 (Includes Items 1 5, 12, 15, 17,	1	76929 113641	76930 113643	67759 119856	109365 107493	98590 98496	98590 98496
	67759 (Includes Items 1-5, 12, 15, 17, 20, 21, 25 and Sealant) 109365 (Includes Items 1-5, 12, 15, 17, 18, 20, 21, 25 and Sealant) 98590 (Includes Items 1-5, 9, 12, 15, 17, 18, 20, 21, 25 and Sealant)							
2	Bearing Capscrew	4	90036	14970	32732	32732	32732	32732
3	Flat Washer	4			32912	32912	32912	32912
4	Lockwire	2	12563	90536	90538	90538	12563	12563
5	Dowel Bushing	2			32730	32730	32730	32730
6	Bearing Cup Adjuster Lock (RH)	1	90186	13377	13377	13377	14275	14275
7	Cotter Pin (RH)	1	90873	90873	90873	90873	90876	90876
8	Bearing Cap Adjuster Lock (LH)	1	10602	14949	37745	37745	78926	78926
9	Dowel Bushing (LH)	2			37746	37746	37746	37746
10	Capscrew (LH)	2	126076	9820	37747	37747	12562	12562
11	Lockwire (LH)	2	12563	90533	12563	12563	12563	12563
12	Upper Expansion Plug	1	9797	9797	30703	30703	30703	30703
	Lower Expansion Plug	1	9797	9797	9797	9797	9797	9797
13	Oil Scraper (Not in 110598)	1	67814	67814	67814		67814	
14	Scraper Capscrew (Not in 110598)	2	67815	67815	67815		67815	
	2-SPEED ONLY PARTS							
15	Shift Fork Shaft Assembly	1	113800	113800	113801	113801	113801	
	'O' Ring		113140	113140	113140	113140	113140	
16	Shift Fork & Roller Assy	1	32326	32425	32613	32613	32679	
17	Shift Fork Mounting Stud	2	119863	119863	119863	119863	119863	
18	Shift Fork Seal & Spring Assy	1	119855	119855	119855	119855	119855	
19	Shift Unit Assy.	1		CA	LL YOUR SALE	S REP		
20	Flat Washer	2	119857	119857	119857	119857	119857	
21	Stud Nut	2	63028	63028	63028	63028	63028	
	SLIDING CLUTCH SERVICE KIT (Includes Items 22, 28-LH, 34-LH, 37)	1	98089	95371	60608	60608	60609	
22	Sliding Clutch PDR ONLY PARTS SUN GEAR SERVICE KIT	11	113599	<u>113629</u> 99552	113596 62040	<u>113596</u> 62040	<u>113593</u> 62041	62041
	(Includes Items 23-28-LH, 34-LH, 37)							
23	Sun Gear	6	113601	113631	113598	113598	113595	113595
24	Sun Gear Retainer	1	45615	45325	43178	43178	43178	43178
25	Shift Fork Opening Cover	1	45521	45521	45521	45521	45521	45521
26	Stud/Screw	2	20807	20807	20807	119863	20807	20807
27	Flat Washer	2	90415	90415	90415	119857	90415	90415
28	Diff. Bearing Adjuster (RH)	1	10524	110243	110243	110243	21637	21637
	Diff. Bearing Adjuster (LH)	1	74055	74022	56932	56932	56929	56929
29	Diff. Bearing Cup (RH)	1	33472	493	493	439	42584	42584
	Diff. Bearing Cup (LH)	1	493	42584	56650	56650	68712	68712
30	Diff. Bearing Cone (RH)	1	33275	495A	497	497	42346	42381
	Diff. Bearing Cone (LH)	1	498	42381	56425	56425		
	(W/Support Case 103537) (W/Support Case 27950 <b>NOTE 2)</b>	1 1					102660 21633	102660 21633

### NSS = Not Sold Separately

### **EATON**<sup>®</sup> SINGLE AXLE 2-SPEED GEAR SETS (Cont'd)

ITEM NO.	PART NAME	QTY. PER AXLE	15201 15301	16244 16344	17201-21 17301-21 18201-21 18301-21 21221 21321	22221 22321	23221 23321 26221 26321	35327
31	Gear Support Case (RH)	1	20759	27860	110148	110148	21619	108138
	Gear Support Case (LH) (106471 includes 102660 Cone)	1	13385	27859	27838	27838	106471	106471
32	RING GEAR & DRIVE PINION SET (NSS	)		MATCHED PA	ARTS: (SEE SEI	PARATE LISTIN	G ON PAGE	43)
33	RING GEAR BOLT & NUT KIT	1	121448	121449	87955	87955	87955	87955
	Bolt	8	44355	44356	44358	44358	44358	44358
	Nut Kit 121448 contains 6 each bolts and nuts	8	60597	60598	60599	60599	60599	60599
34	Gear Support Thrust Washer (RH)	, 1	20850	18346	27827	27827	18198	83726
	Gear Support Thrust Washer (LH)	1	43268	43269	43270	43270	43271	43271
35	Idler Pinion Pin	4	20821	14935	27861	27861	27953	106144
36	Idler Pinion	4	74057	27875	27835	27835	27952	27952
37	High-Speed Clutch Plate	1	74056	74023	56931	56931	56928	56928
	WHEEL DIFF. CASE KIT	1	52112	NOTE 1	101878	101878	98584	109270
38	(Includes Items 38-39) Diff. Case w/clutch plate pin	1	408237	NOTE 1	98182	98182	98183	108146
50	Diff. Case (LH)	'	71880	NOTE 1	96278	96278	96280	108139
	Diff. Case (RH)		71881	NOTE 1	96279	96279	96281	108140
39	Diff. Case Capscrew	8	109237	109238	96283	96283	96284	96284
	Diff. Case Capscrew	4					96285	96285
	WHEEL DIFF. KIT (Includes Items 40-44							
	Involute Side Gear	1	114467	114242		114470	114474	109267
	17 Series	1			114469			
- 10	18, 21 Series	1			114470			
40 41	Spider Diff. Side Gear	1	20766	25971	38289	38289	107371	108141
41	22 Involute Splines	2					98257	
	34 Involute Splines	2	110522				110528	
	36 Involute Splines	2		110524			110528	
	39 Involute Splines	2			110525			108143
	41 Involute Splines	2			110527	110527		
	16 Straight Splines							
	(IHC 15 Series Only)	2	110510	102497	37072			
	16 Angular Splines							
	(Chrysler <sup>®</sup> 15 Series Only)	2	110509	102498				
- 10	19 Angular Splines	2	102511					
42 43	Side Gear Thrust Washer Side Pinion	2 4	20850	<u>18346</u> 102500	27827	27827	18198	83726
43	Side Pinion Thrust Washer	4	25968	64467	104139 27810	<u>104139</u> 27810	96900 18199	108142 108145
	WHEEL DIFF. KIT LESS SIDE GEARS		20000	04407	27010	27010	10133	100140
	(Includes Items 42-44)	1	118746	118747	118748	118748	118750	118751
45	Pinion Pilot Bearing	1	MU1305TDM	MUS1307UM	MUS1307UM	MUS1307UM		
46	Pinion Bearing Cone (Inner)	1	HM903249	55175C	55200C	72200C	78215C	78215C
	Pinion Bearing Cone (Outer)	1	HM903249	55175C	55200C	55200C	72212C	72212C
47	Flat Washer	1	12904					
48	Pinion Bearing Spacer	AR			CALL YOUR SA		04000	04000
	Spacer Washer Pinion Bearing Cup (Inner)	<u>1</u> 1		 55/27	55437	72487	31366	31366
50	Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer)	1	HM903210 HM903210	55437 55437	55437 55437	75487	78551 72487	78551 72487
51	Pinion Bearing Cage & Cup Assy	1	1101300210	00-07	00-07	10-01	12701	12-101
	(Case 70000)	4	7000-					
	(Cage 76896) (Cage 75107) 16" Ring Gear	1	76897		75400			
	(Cage 75107) 16" Ring Gear (Cage 75109) 16-1/2" Ring Gear	1		75110	75108 75110			
	(Cage 107495) (Cage 107495)	ו 1		75110	75110	107496		
	(Cage 79245)	1					79246	79246
	(	· ·						

### NSS = Not Sold Separately

### **EATON**<sup>®</sup> 2-SPEED GEAR SETS (Cont'd)

ITEM NO.	PART NAME	QTY. PER AXLE	15201 15301	16244 16344	17201-21 17301-21 18201-21 18301-21 21221 21321	22221 22321	23221 23321 26221 26321	35327
	OIL SEAL & SHIM KITS	1	115450 OR 114265	114104	114104	115552	115582	115582
53	Pinion Bearing Cage Shims .003" .005" .010" .020"	AR	75968 75969 75970 75971	43588 61991 43589 61994	43588 61991 43589 61994	107567 107568 107569 107570	67920 67921 67922 67923	67920 67821 67922 67923
54	Bearing Cage Capscrew	6	113325	113325	113325	113325	113327	113327
55	Lockwasher	6					90422	90422
56	Oil Seal	1	722250	9773	9773	9773	712937	712937
57	Input Yoke (Call Your Sales Rep)	1						
58	Pinion Nut Ratios 3.55-4.33 Ratios 4.56-7.17	1 1 1	95203	95204	 95206 95205	95206 	95262 	95262
59	Flat Washer (With #95206 Nut) (With #95206 Nut)	1 1 1	23991	14354 	 56864 4327	56864 		
	Gasket Compound	1	107276	107276	107276	107276	107276	107276

**NOTE 1:** Wheel Diff. Kit **51559** may be updated. If the diff. case needs replacement, the entire wheel diff. assembly may be upgraded. Upgraded kits vary by side gear.

VEHICLE MFG.

Mack® Midliner®

Ford®, Navistar®, GMC®

Navistar®, GMC® (Before 2/1/86)

Ford® (Before 2/1/86)

UPGRADE <u>KIT NO.</u> 121962 121963 121964 121965

SIDE GEAR 126000 (36 Involute) 210386 (30 Involute) 210387 (16 Angular) 210388 (16 Straight)

The above kits contain the side gear specified, plus:

126001 Side Pinion 126002 Spider 126003 Side Pinion Thrust Washer 126004 Side Gear & Support Case Thrust Washer 126006 Diff. Case with Clutch Plate Pin 126007 Diff. Case 126008 Idler Pinion Pin 126009 Gear Support Case 126075 Capscrew 109238 Capscrew

**NOTE 2:** Earlier models used a 27950 case. This case is no longer available and has been superseded by 103527. However, the 103527 case does not have to be used when converting to the larger differential parts. Continue using the 27950 case and 21633 bearing if serviceable. If the 27950 case is unserviceable, order Parts Kit 106471. Kit 106471 contains the 103537 case and 102660 bearing, which must be used together.

# **EATON**<sup>®</sup> 2-SPEED AND PLANETARY DOUBLE REDUCTION

### **RING GEAR & PINION SETS**

MODEL 15201, 15301 GEAR: 14-1/4"						
GEAR	GEAR	TEETH				
RATIO	SET	<u>COUNT</u>				
4.46/6.34	98754	(41-9)				
5.14/7.16	98755	(36-7)				
5.57/7.75	110180	(39-7)				
5.86/8.15	113450	(41-7)				
6.29/8.74	113451	(44-7)				

MODEL 16244, 16344 GEAR: 15-1/2"					
GEAR	GEAR	TEETH			
RATIO	SET	COUNT			
4.11/5.72	107947	(37-9)			
4.56/6.34	96797	(41-9)			
4.88/6.78	96798	(39-8)			
5.29/7.36	118928	(37-7)			
5.57/7.75	96799	(39-7)			
6.14/8.55	111395	(43-7)			
6.57/9.14	113455	(46-7)			
7.17/9.97	96802	(43-6)			



WORLD AMERICAN

MODEL 17221, 17321, 18221, 18321 GEAR: 16-1/2"					
GEAR	GEAR	TEETH			
RATIO	SET	COUNT			
5.57/7.60	96840	(39-7)			
6.14/8.38	96841	(43-7)			
6.57/8.96	113467	(46-7)			
7.17/9.77	96843	(43-6)			

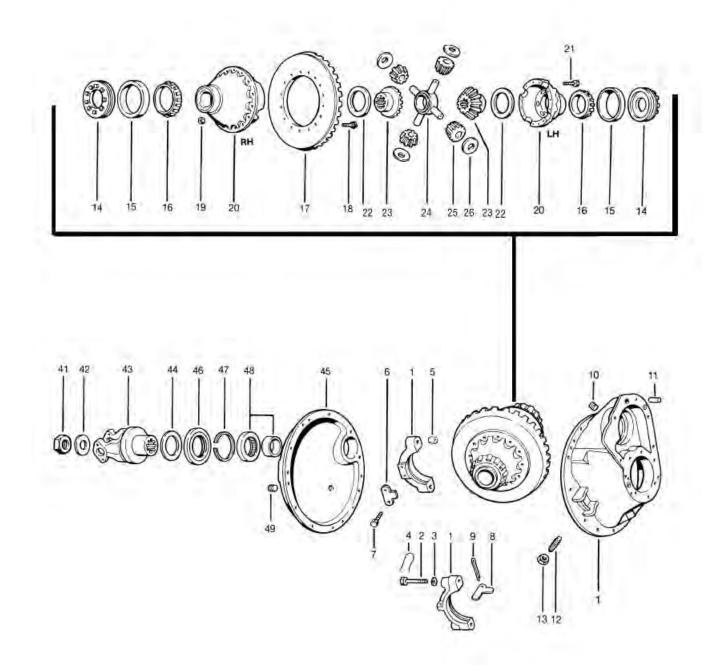
MODEL 17201, 17301, 18201, 18301 GEAR: 16"					
GEAR	GEAR	TEETH			
<u>RATIO</u>	SET	<u>COUNT</u>			
3.70/5.05	96833	(37-10)			
4.11/5.61	96834	(37-9)			
4.33/5.91	96835	(39-9)			
4.56/6.21	96836	(41-9)			
4.88/6.65	96837	(39-8)			
5.29/7.21	96838	(37-7)			
5.57/7.60	96839	(39-7)			

			_				 		
GEAR: 3.	EL 21221, 2 55/4.84-3.70 HERS: 16-1/	/5.05 16"			EL: 22221, 2 GEAR: 17"	2321	2	23221, 2332 6321, 3532 GEAR: 18"	7
				GEAR	GEAR	TEETH			
GEAR RATIO	GEAR SET	TEETH COUNT		RATIO	SET	<u>COUNT</u>	GEAR RATIO	GEAR SET	TEETH COUNT
				3.90/5.32	107557	(39-10)			
3.55/4.84	111513	(39-11)		4.11/5.61	107558	(37-9)	3.70/5.04	<b>98107</b>	(37-10)
3.70/5.05	111514	(37-10)		4.33/5.91	107559	(39-9)	4.11/5.60	98108	(37-9)
3.90/5.31	111526	(39-10)		4.62/6.31	107560	(37-8)	4.33/5.90	98109	(39-9)
4.11/5.61	111515	(37-9)		4.88/6.65	107561	(39-8)	4.56/6.21	98110	(41-9)
4.33/5.91	111516	(39-9)		5.29/7.21	107562	(37-7)	4.88/6.64	98111	(39-8)
4.56/6.21	111517	(41-9)		5.57/7.60	107563	(39-7)	5.43/7.39	98112	(38-7)
4.88/6.65	111518	(39-8)		6.17/8.40	107564	(37-6)	6.17/8.40	98113	(37-6)
5.29/7.21	111519	(37-7)		6.50/8.86	107565	(39-6)	6.67/9.08	98114	(40-6)
5.57/7.60	111520	(39-7)		7.17/9.77	107566	(43-6)			. ,
6.14/8.38	111521	(43-7)				. ,			
6.50/8.86	111522	(39-6)							
7.17/9.77	111523	(43-6)							

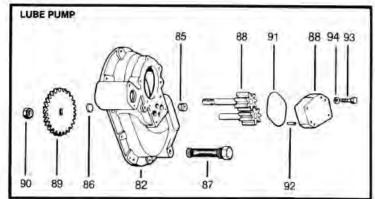
# Notes

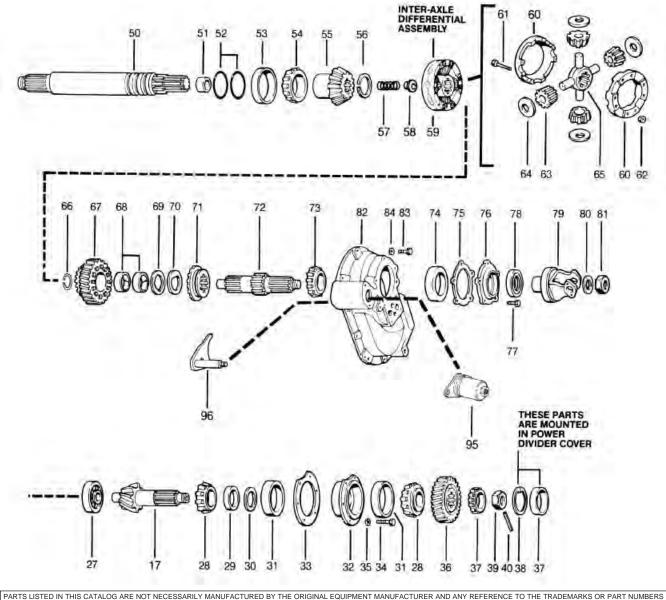
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### **EATON**<sup>®</sup> MODELS: DSS461-P, DS521, DS581-P









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# **EATON**<sup>®</sup> MODELS: DS461-P, DS521-P, DS581-P

ТЕМ		QTY PER	DS461-P DS521-P	
NO.	PART NAME	AXLE	DS581-P	REMARKS
	Bearing, Seal & Gasket Kit	1	RA208R	
1	Diff. Carrier & Bearing Caps Carrier Casting No. 126070 ( <b>NSS</b> )	1	122474	Includes Items 2-5, 10-13
2	Bearing Capscrew	4	32732	
3	Flat Washer	4	32912	
4	Lockwire	4	12563	
5	Dowel Bushing	2	32730	
6	Bearing Cap Adjuster Lock (RH)	1	45448	
7	Capscrew (RH)	2	210601	
8	Bearing Cap Adjuster Lock (LH)	1	14275	
9	Cotter Pin (LH)	1	90876	
0	Filler Plug	1	90325	
11	Carrier Cover Dowel Pin	2	7641	
2	Ring Gear Thrust Screw Thrust Screw Jam Nut	<u>1</u> 1	126193	
3	Diff. Bearing Adjuster & Cup	1	210184	
14	Assy (RH) (Adjuster 78940) (NSS)	1	79898	Includes Items 15 (RH Only)
	Diff. Bearing Adjuster (LH)	1	21637	includes items 15 (KH OIIIy)
5	Diff. Bearing Cup (RH)	1	653	
15	Diff. Bearing Cup (LH)	1	42584	
6	Diff. Bearing Cone (RH)	1	665	
0	Diff. Bearing Cone (LH)	1	42381	
7	RING GEAR & DRIVE PINION SET	1		EPARATE LISTING ON PAGE 49)
	RING GEAR BOLT & NUT KIT	1	70745	Includes Items 18-19
18	Bolt	16	67586	
9	Nut	16	60600	
	WHEEL DIFF. CASE KIT	1	98610	Ratios 3.55-4.11
	Includes Items 20-21	1	121845	Ratios 4.33-6.17
20	Diff. Case (Flanged Half) (NSS)	1	88501	Ratios 3.55-4.11
			126234	Ratios 4.33-6.17
	Diff Case (RH) (NSS)	1	86777	
21	Diff. Case Capscrew	12	85503	
	WHEEL DIFF. SIDE GEAR & PINION KIT	1	114472	Includes Items 22-26
	WHEEL DIFF. KIT LESS SIDE GEARS	1	118749	Includes Items 22, 24-26
22	Side Gear Thrust Washer	2	27247	
3	Diff. Side Gear (36 Involute)	2	93401	
24	Spider	1	86778	
25	Side Pinion	4	86780	
26	Side Pinion Thrust Washer	4	86781	
27	Pinion Pilot Bearing	1	MUS1308UM	
28	Pinion Bearing Cone	2	72212C	
29	Pinion Bearing Spacer Washer	1	78904	
30	Pinion Bearing Spacer	AR	70.407	CALL YOUR SALES REP
31	Pinion Bearing Cup	2	72487	0 (70000)
32	Pinion Bearing Cage & Cup Assy	1	78914	Case (78932)
33	Includes Item 31	۸D		
3	Pinion Bearing Cage Shim	AR	AE 404	
	.003" .005"		45461 62829	
	.005"		45462	
	.010 .020"		45462 62830	
21	Bearing Cage Capscrew	6		
34	Lockwasher	6	<u>    62158                                    </u>	
35	Pinion Helical Gear	1		
36 37	Outer Pinion Support Bearing & Race	1	119995	MU1309CV
37 38	Outer Pinion Support Bearing & Race	1	78937	INIO 13090 V
39	Pinion Shaft End Nut	1	126182	

### NSS = Not Sold Separately

### **EATON**<sup>®</sup> MODELS: DS461-P, DS521-P, DS581-P (Cont'd)

ITEM		QTY PER	DS461-P DS521-P	
NO.	PART NAME	AXLE	DS581-P	REMARKS
41	Output Shaft Nut	1	210508	
42	Output Shaft Washer	1	210509	
43	Output Yoke	1		CALL YOUR SALES REP
44	Rear Bearing Retaining Washer	1	78922	
45	Axle Housing Cover Assy (Cover 84546) ( <b>NSS</b> )	1	107863	Includes Items 46-49
	OIL SEAL & SHIM KIT	1	118111	Includes Items 33, 46, 75, 78 & RTV
46	Output Shaft Oil Seal	1	475012N	
47	Bearing Snap Ring	1	78937	
48	Output Shaft Bearing & Sleeve Assy (Matched Parts)	1	MA1211EL	
49	Magnetic Filler Plug	1	75130	
10	Temperature Plug	1	90898	
50	Output Shaft Nut & Snap Ring (Shaft 119991, 41 Splines 2.100" dia.) (N	1	122419	Includes Items 41-42, 51-52, 56
51		<b>33</b> ) 1	10000	
51	Output Shaft Bushing	2	48922	
52	Output Shaft "O" Ring		78931	
53	Output Shaft Bearing Cup (Inner)	1	33472	
54	Output Shaft Bearing Cone (Inner)	1	33275	
55	Output Shaft Side Gear	1	78911	
56	Side Gear Snap Ring	1	85994	
57	Output Shaft Compression Spring	1	127095	
58	Output Shaft Thrust Bearing	1	51228	
59	Inter-axle Diff. Assy	1	121681	Includes Items 60-65
	Inter-axle Diff. Case Kit	1	211252	Includes 60-62
60	Case Half (NSS)	2	126151	
61	Case Bolt	8	57636	
62	Case Nut	8	57637	
63	Side Pinion	4	95218	
64	Side Pinion Thrust Washer	4	126180	
65	Spider	1	126152	
66	Helical Side Gear Snap Ring	1	78909	
67	Helical Side Gear & Bushing Assy			
	(Side Gear 113328) ( <b>NSS</b> )	1	113331	Includes Item 68
68	Helical Side Gear Bushing	2	75063	
69	Helical Side Gear Thrust Washer	1	79034	
70	Helical Side Gear "D" Washer	1	56360	
71	Lockout Sliding Clutch	1	119948	
72	Input Shaft Kit			
	(Shaft 119990, 46 Splines 2.350" dia.) (N		122418	Includes Item 81
73	Input Shaft Bearing Cone	1	JM511946	
74	Input Shaft Bearing Cup	1	JM511910	
75	Input Bearing Cover Shim	AR		
	.003"		78918	
	.005"		78919	
	.010"		78920	
	.020"		113130	
76	Input Bearing Cover, Cup & Oil Seal Assy (Cover 111690) ( <b>NSS</b> )	/ 1	111691	Includes Items 74, 78
77	Bearing Cover Capscrew	6	126243	
78	Input Shaft Oil Seal	1	415164N	
79	Input Yoke & Slinger	1		CALL YOUR SALES REP
80	Input Shaft Nut Washer	1	126242	
81	Input Shaft Nut	1	126155	
82	Diff. Carrier Cover Assy (Cover 103526) ( <b>NSS</b> )	1	103536	Includes Items 85-86
83	Carrier Cover Capscrew	8	90069	(Short)
	Gamer Gover Gapscrew	0	30003	
03		1	0200	(Long)
03		1 1	9309 81855	(Long) (Socket Head)

### NSS = Not Sold Separately

### **EATON**<sup>®</sup> MODELS: DS461-P, DS521-P, DS581-P (Cont'd)

ITEM NO.	PART NAME	QTY PER AXLE	DS461-P DS521-P DS581-P	REMARKS
85	Pipe Plug	1	90325	
86	Expansion Plug	1	9797	
87	Magnetic Filter Screen	1	102611	
88	LUBE PUMP REPLACEMENT KIT	1	121302	Includes Items 89-94
89	Pump Drive Gear	1	119946	
90	Drive Gear Lockout	1	111451	
91	Cover "O" Ring	1	102620	
92	Cover Dowel Pin	2	102617	
93	Cover Capscrew	4	102618	
94	Lockwasher	4	90419	
95	Air-Operated Lockout Assy	1	123218	CALL YOUR SALES REP
96	Shift Fork & Push Rod Assy	1	103529	CALL YOUR SALES REP
	Gasket Compound	AR	107276	

### **RING GEAR & PINION SETS**



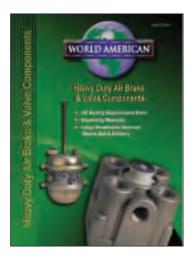
MODEL: I	FORWARD AX DS461-P, DS52	
RATIO	PART#	TEETH <u>COUNT</u>
3.55	122667	(39-11)
3.70	122334	(37-10)
3.90	123333	(39-10)
4.11	122335	(37-9)
4.33	122336	(39-9)
4.56	122337	(41-9)
4.88	122338	(39-8)
5.29	211333	(37-7)
5.43	122339	(38-7)
6.17	122340	(37-6)
6.50	212890	(39-6)

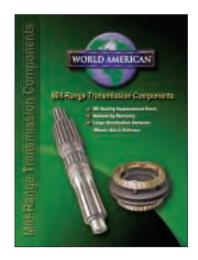
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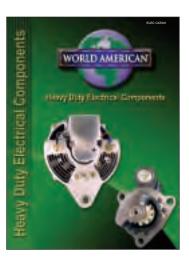
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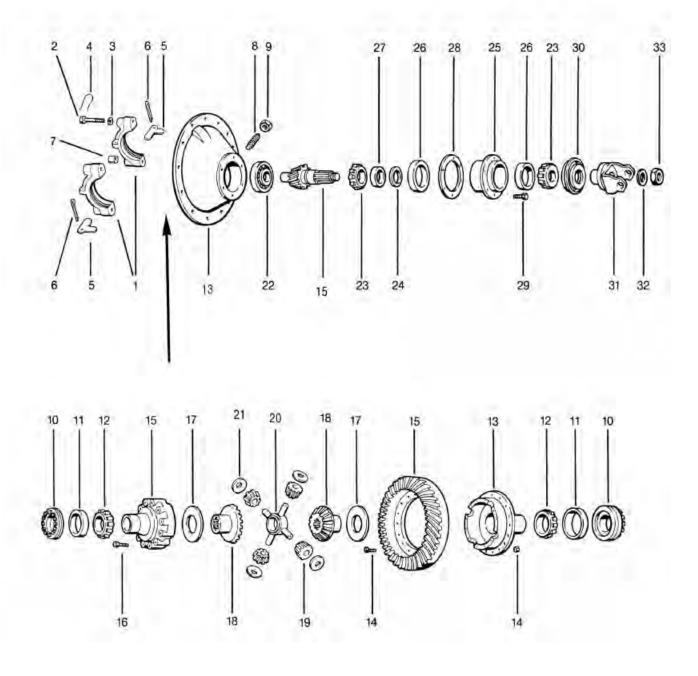
# Make sure to obtain these valuable resources as well:







**EATON**<sup>®</sup> MODELS: RS461, RS521, RS581



# **EATON**<sup>®</sup> MODELS: RS461, RS521, RS581

ITEM NO.	PART NAME	QTY PER AXLE	RS461 RS521 RS581	REMARKS
	Bearing, Seal & Gasket Kit	1	RA18ER	
1	Diff. Carrier & Bearing Caps Carrier Casting No. 98493 ( <b>NSS</b> )	1	122432	Includes Items 2-4, 7-9
2	Bearing Capscrew	4	32732	
3	Flat Washer	4	32912	
4	Lockwire	4	12563	
5	Bearing Cap Adjuster Lock	2	14275	
6	Cotter Pin	2	90876	
7	Dowel Bushing	2	32730	
8	Ring Gear Thrust Screw	1	126193	
9	Thrust Screw Jam Nut	1	210184	
10	Diff. Bearing Adjuster (RH)	1	21637	
	Diff. Bearing Adjuster (LH)	1	39448	
11	Diff. Bearing Cup (RH)	1	42384	
	Diff. Bearing Cup (LH)	1	42653	
12	Diff. Bearing Cone (RH)	1	42381	
	Diff. Bearing Cone (LH)	1	42652	
13	Diff. Case (Flanged Half) ( <b>NSS</b> )	1	88501	Ratios 3.55-4.11
			126234	Ratios 4.33-6.17
	Diff. Case (RH) ( <b>NSS</b> )	1	86777	
	RING GEAR BOLT & NUT KIT	1	70745	Includes Item 14
14	Bolt	16	67586	includes item 14
14	Nut	15	60600	
15	RING GEAR & DRIVE PINION SET	1	MATCHED PARTS: (SEE SEPARA	TE LISTING ON PAGE 53)
	WHEEL DIFF. CASE KIT	1	98610	Ratios 3.55-4.11
	Includes Items 15-16	1	121845	Ratios 3.33-4.11 Ratios 4.33-6.17
16	Diff. Case Capscrew	12	88503	Nalios 4.55-0.17
10	WHEEL DIFF. SIDE GEAR & PINION KIT	1	114472	Includes Items 17-21
		1	118749	Includes Items 17, 19-21
	WHEEL DIFE KIT LESS SIDE GEARS	1		
17	WHEEL DIFF. KIT LESS SIDE GEARS	2		,
	Side Gear Thrust Washer	2	27274	,
18	Side Gear Thrust Washer Diff. Side Gear (36 Involute)	2	93401	
18 19	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion	2 4	93401 86780	
18 19 20	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider	2 4 1	93401 86780 86778	
18 19 20 21	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer	2 4 1 4	93401 86780 86778 86781	
18 19 20 21 22	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing	2 4 1 4 1	93401 86780 86778 86781 MUSB1308UM	
18 19 20 21 22	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner)	2 4 1 4 1 1 1	93401 86780 86778 86781 MUSB1308UM 78215C	
18 19 20 21 22 23	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer)	2 4 1 4 1 1 1 1	93401 86780 86778 86781 MUSB1308UM	
18 19 20 21 22 23 24	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Spacer	2 4 1 4 1 1 1 1 AR	93401 86780 86778 86781 MUSB1308UM 78215C 72212C	CALL YOUR SALES REP
18 19 20 21 22 23 24	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Spacer Pinion Bearing Cage & Cup Assy	2 4 1 4 1 1 1 1	93401 86780 86778 86781 MUSB1308UM 78215C	
18 19 20 21 22 23 24 25	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Spacer Pinion Bearing Cage & Cup Assy Includes Item 26	2 4 1 1 1 1 1 AR 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592	CALL YOUR SALES REP
18 19 20 21 22 23 24 25	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Spacer Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner)	2 4 1 1 1 1 AR 1 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551	CALL YOUR SALES REP
18 19 20 21 22 23 24 25 26	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Plot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Coge & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer)	2 4 1 4 1 1 1 AR 1 1 1 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487	CALL YOUR SALES REP
18       19       20       21       22       23       24       25       26       27	Side Gear Thrust Washer         Diff. Side Gear (36 Involute)         Side Pinion         Spider         Side Pinion Thrust Washer         Pinion Pilot Bearing         Pinion Bearing Cone (Inner)         Pinion Bearing Cone (Outer)         Pinion Bearing Cage & Cup Assy         Includes Item 26         Pinion Bearing Cup (Inner)         Pinion Bearing Cup (Outer)         Pinion Bearing Cup Pinion Bearing Cup (Inner)         Pinion Bearing Cup (Outer)         Pinion Bearing Cup Spacer Washer         Pinion Bearing Cage Shim	2 4 1 1 1 1 AR 1 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366	CALL YOUR SALES REP
18       19       20       21       22       23       24       25       26       27	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Cone (Outer) Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer) Pinion Bearing Cup (Outer) Pinion Bearing Spacer Washer Pinion Bearing Cage Shim .003"	2 4 1 1 1 1 AR 1 1 1 1 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366 67920	CALL YOUR SALES REP
18           19           20           21           22           23           24           25           26           27	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Cone (Outer) Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer) Pinion Bearing Spacer Washer Pinion Bearing Spacer Washer Pinion Bearing Cage Shim .003" .005"	2 4 1 1 1 1 AR 1 1 1 1 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366 67920 67921	CALL YOUR SALES REP
18           19           20           21           22           23           24           25           26           27	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Cone (Outer) Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer) Pinion Bearing Cup (Outer) Pinion Bearing Spacer Washer Pinion Bearing Cage Shim .003" .005" .010"	2 4 1 1 1 1 AR 1 1 1 1 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366 67920 67921 67922	CALL YOUR SALES REP
18       19       20       21       22       23       24       25       26       27	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Spacer Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer) Pinion Bearing Spacer Washer Pinion Bearing Spacer Washer Pinion Bearing Cage Shim .003" .005" .010" .020"	2 4 1 1 1 1 AR 1 1 1 1 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366 67920 67921 67922 67923	CALL YOUR SALES REP
17 18 19 20 21 22 23 24 25 26 27 28	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Cone (Outer) Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer) Pinion Bearing Cup (Outer) Pinion Bearing Spacer Washer Pinion Bearing Cage Shim .003" .005" .010"	2 4 1 4 1 1 1 AR 1 1 1 1 4 R	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366 67920 67921 67921 67922 67923 67924	CALL YOUR SALES REP
18           19           20           21           22           23           24           25           26           27	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Spacer Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer) Pinion Bearing Cup (Outer) Pinion Bearing Spacer Washer Pinion Bearing Cage Shim .003" .005" .010" .020" .030" Bearing Cage Capscrew	2 4 1 1 1 1 AR 1 1 1 1 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366 67920 67921 67922 67922 67923 67924 113327	CALL YOUR SALES REP Case (210591)
18       19       20       21       22       23       24       25       26       27       28       29	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer) Pinion Bearing Spacer Washer Pinion Bearing Spacer Washer Pinion Bearing Cage Shim .003" .005" .010" .020" .030" Bearing Cage Capscrew OIL SEAL & SHIM KIT	2 4 1 4 1 1 1 AR 1 1 1 1 4 R	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366 67920 67920 67921 67922 67923 67923 67924 113327 122436	CALL YOUR SALES REP
18       19       20       21       22       23       24       25       26       27       28       29       30	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer) Pinion Bearing Spacer Washer Pinion Bearing Cage Shim .003" .005" .010" .020" .030" Bearing Cage Capscrew OIL SEAL & SHIM KIT Oil Seal & Retainer	2 4 1 1 1 1 AR 1 1 1 AR 6	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366 67920 67921 67922 67922 67923 67924 113327	CALL YOUR SALES REP Case (210591)
18       19       20       21       22       23       24       25       26       27       28	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer) Pinion Bearing Spacer Washer Pinion Bearing Spacer Washer Pinion Bearing Cage Shim .003" .005" .010" .020" .030" Bearing Cage Capscrew OIL SEAL & SHIM KIT	2 4 1 1 1 1 AR 1 1 1 AR 6 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366 67920 67920 67921 67922 67923 67923 67924 113327 122436	CALL YOUR SALES REP Case (210591)
18         19         20         21         22         23         24         25         26         27         28         29         30         31	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer) Pinion Bearing Spacer Washer Pinion Bearing Cage Shim .003" .005" .010" .020" .030" Bearing Cage Capscrew OIL SEAL & SHIM KIT Oil Seal & Retainer	2 4 1 1 1 1 AR 1 1 1 AR 6 1 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366 67920 67920 67921 67922 67923 67923 67924 113327 122436	CALL YOUR SALES REP Case (210591)
18         19         20         21         22         23         24         25         26         27         28         29         30	Side Gear Thrust Washer Diff. Side Gear (36 Involute) Side Pinion Spider Side Pinion Thrust Washer Pinion Pilot Bearing Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer) Pinion Bearing Cage & Cup Assy Includes Item 26 Pinion Bearing Cup (Inner) Pinion Bearing Cup (Outer) Pinion Bearing Cup (Outer) Pinion Bearing Cage Shim .003" .005" .010" .020" .030" Bearing Cage Capscrew OIL SEAL & SHIM KIT Oil Seal & Retainer Input Yoke (Call your Sales Rep)	2 4 1 1 1 1 1 1 1 1 AR 6 1 1 1	93401 86780 86778 86781 MUSB1308UM 78215C 72212C 210592 78551 72487 31366 67920 67921 67922 67923 67923 67923 67923 67924 113327 122436 712937	CALL YOUR SALES REP Case (210591)

### NSS = Not Sold Separately

MODELS: RS461, RS521, RS581

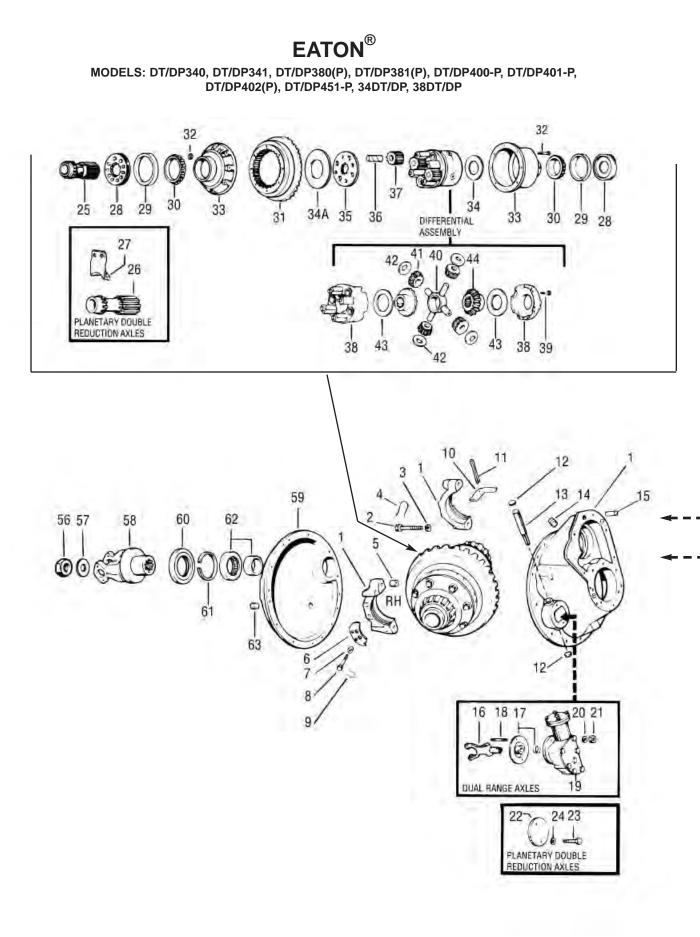
### **RING GEAR & PINION SETS**

REAR AXLE         MODEL: RS461, RS521, RS58         TEETH         RATIO       PART#       COUNT         3.55       122668       (39-11)         3.70       121887       (37-10)         3.90       123334       (39-10)         4.11       121888       (37-9)         4.33       121889       (39-9)         4.56       121890       (41-9)         4.88       121891       (39-8)         5.29       211335       (37-7)         5.43       121892       (38-7)         6.17       121893       (37-6)         6.50       212891       (39-6)	MODEL: RS461, RS521, RS58         TEETH         RATIO       PART#       COUNT         3.55       122668       (39-11)         3.70       121887       (37-10)         3.90       123334       (39-10)         4.11       121888       (37-9)         4.33       121889       (39-9)         4.56       121890       (41-9)         4.88       121891       (39-8)				
RATIO         PART#         COUNT           3.55         122668         (39-11)           3.70         121887         (37-10)           3.90         123334         (39-10)           4.11         121888         (37-9)           4.33         121889         (39-9)           4.56         121890         (41-9)           4.88         121891         (39-8)           5.29         211335         (37-7)           5.43         121892         (38-7)           6.17         121893         (37-6)	RATIOPART#COUNT3.55122668(39-11)3.70121887(37-10)3.90123334(39-10)4.11121888(37-9)4.33121889(39-9)4.56121890(41-9)4.88121891(39-8)	м	ODEL		
3.70       121887       (37-10)         3.90       123334       (39-10)         4.11       121888       (37-9)         4.33       121889       (39-9)         4.56       121890       (41-9)         4.88       121891       (39-8)         5.29       211335       (37-7)         5.43       121892       (38-7)         6.17       121893       (37-6)	3.70121887(37-10)3.90123334(39-10)4.11121888(37-9)4.33121889(39-9)4.56121890(41-9)4.88121891(39-8)	<u>R</u> /		PART#	
	5.43 121892 (38-7)	3.1 3.2 4.2 4.2 4.2 5.2 5.4 6.1	70 90 11 33 56 88 29 43 17	121887 123334 121888 121889 121890 121891 211335 121892 121893	(37-10) (39-10) (37-9) (39-9) (41-9) (39-8) (37-7) (38-7) (38-7) (37-6)

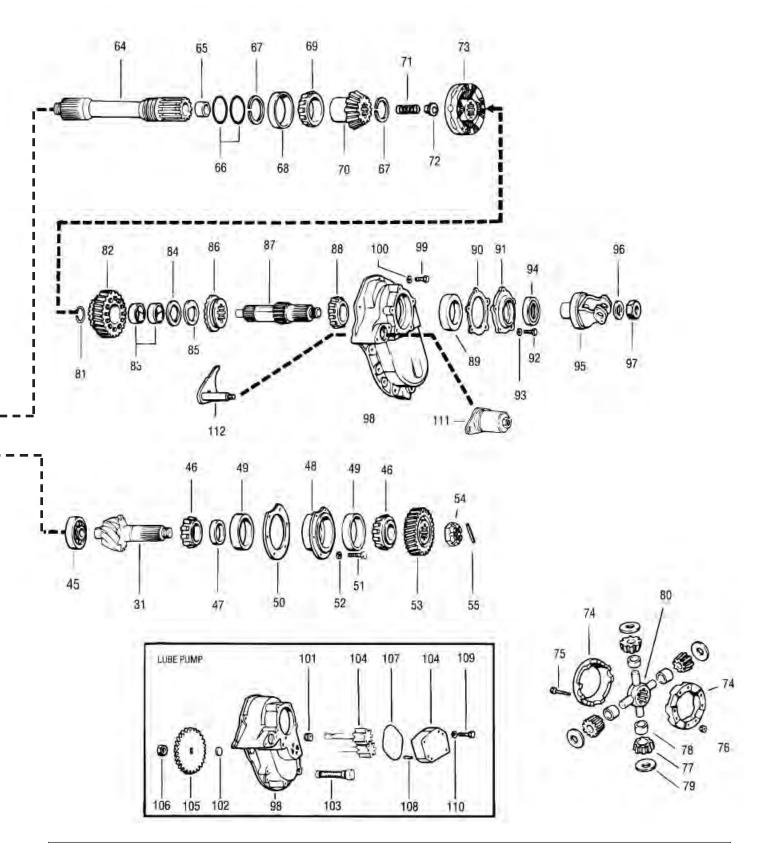
WORLD AMERICAN

# Notes

PARTS LISTED IN THIS CATALOG ARE NOT NECESSARILY MANUFACTURED BY THE ORIGINAL EQUIPMENT MANUFAC OF OTHERS ARE FOR CROSS REFERENCE INFORMATIONAL PURPOSES ONLY. THE TRADEMARKS OF OTHERS REFE	I UKEK AND ANY REFERENCE TO THE TRADEMARKS OR PART NUMBERS RRED TO HEREIN ARE OWNED BY THEIR RESPECTIVE COMPANIES AND



**EATON**<sup>®</sup> MODELS: DT/DP340, DT/DP341, DT/DP380(P), DT/DP381(P), DT/DP400-P, DT/DP401-P, DT/DP402(P), DT/DP451-P, 34DT/DP, 38DT/DP (Cont'd)



MODELS: DT/DP340, DT/DP341, DT/DP380(P), DT/DP381(P), DT/DP400-P, DT/DP401-P, DT/DP402(P), DT/DP451-P, 34DT/DP, 38DT/DP

ITEM NO.	PART NAME	QTY	DT/DP341 DT/DP381(P) DT/DP402(P) DT/DP401-P DT/DP451-P	DT/DP340 DT/DP380(P) DT/DP400-P	34DT/DP 38DT/DP	REMARKS
	Bearing, Seal & Gasket Kit	1	RA207R	RA193R	RA64FER	
1	Diff. Carrier & Bearing Cap Kit Carrier Casting No. ( <b>NSS</b> )	1	115825 110816	120926 110816	120925 110816	
2	Bearing Capscrew	4	32732	32732	32732	
3	Flat Washer	4	32912	32912	32912	
4	Lockwire	4	90538	90538	90538	
5	Dowel Bushing	2	32730	32730	32730	
6	Bearing Adjuster Lock (RH)	1	37745	37745	37745	
7	Adjuster Lock Dowel Bushing (RH)	2	37746	37746	37746	
8	Capscrew (RH)	2	37747	37747	37747	
9	Lockwire	2	12563	12563	12563	
10	Bearing Adjuster Lock (LH)	1	13377	13377	13377	
11	Cotter Pin (LH)	1	90873	90873	90873	
12	Expansion Plug (Upper)	1	30703	30703	30703	
	Expansion Plug (Lower)	1	9797	9797	9797	
13	Shift Fork Shaft & "O" Ring Assy	1	113801	113801	113801	
14	Filler Plug	1	90325	90325	90325	
15	Carrier Cover Dowel Pin	2	7641	7641	7641	
16	Shift Fork & Roller Assy	1	32613	32613	32613	DT ONUV
17	Shift Fork Seal & Spring Assy	1	119855	119855	119855	DT ONLY
18	Shift Unit Mounting Stud	2	119863	119863	119863	DT ONLY
19	Shift Unit Assy	1	73503	7303	73503	DT ONLY
20	Lockwasher	1	119857	119857	119857	DT ONLY DT ONLY
21 22	Stud Nut Shift Unit Opening Cover	2	63028 45521	63028 45521	63028 45521	DP ONLY
22	Capscrew	2	20807	20807	20807	DP ONLY
23	Lockwasher	2	90415	90415	90415	DP ONLY
25	Sliding Clutch Gear	1	113596	113596	113596	DT ONLY 60808 SLIDING CLUTCH KIT
26	Sun Gear	1	113598	113598	113598	DP ONLY
27	Sun Gear Retainer	1	43178	43178	43178	DP ONLY
28	Diff. Bearing Adjuster (RH)	1	56932	56932	56932	60608 SLIDING CLUTCH KIT
	Diff. Bearing Adjuster (LH)	1	110243	27842	27842	
29	Diff. Bearing Cup (RH)	1	56650	56650	56650	
	Diff. Bearing Cup (LH)	1	493	493	493	
30	Diff. Bearing Cone (RH)	1	56425	56425	56425	
	Diff. Bearing Cone (LH)	2	497	497	497	
31	RING GEAR & DRIVE PINION SET Includes Item 54-55			S: (SEE SEPARA		ON PAGE 61)
32	RING GEAR BOLT & NUT KIT	1	87955	87955	87966	
	Bolt	8	44358	44358	44358	
	Nut	8	60599	60599	60599	
33	Gear Support Case (RH)	1	27838	27838	27838	
	Gear Support Case (LH)	1	110148	116568	116568	116568 replaces 27839 &27842
34	Gear Support Thrust Washer	1	43270	43270	43270	
34A	Gear Support Thrust Washer	1	27827	27827	27827	
35	High-Speed Clutch Plate	1	56931	56931	56931	60608 SLIDING CLUTCH KIT
36	Idler Pinion Pin	4	27861	27861	27861	
37	Idler Pinion WHEEL DIFF. CASE KIT Includes Items 38-39	<u>4</u> 1	27835 101878	27835 101878	27835 101878	
38	Diff. Case w/Clutch Plate Pin (Casting 96278)	1	98182	98182	98182	Flange Half
	Diff. Case (RH) (NSS)	1	96279	96279	96279	Plain Half
39	Diff. Case Capscrew	8	96283	96283	96283	

### NSS = Not Sold Separately

MODELS: DT/DP340, DT/DP341, DT/DP380(P), DT/DP381(P), DT/DP400-P, DT/DP401-P, DT/DP402(P), DT/DP451-P, 34DT/DP, 38DT/DP (Cont'd)

ITEM NO.	PART NAME	QTY	DT/DP341 DT/DP381(P) DT/DP402(P) DT/DP401-P DT/DP451-P	DT/DP340 DT/DP380(P) DT/DP400-P	34DT/DP 38DT/DP	REMARKS
	WHEEL DIFF. SIDE GEAR & PINION KIT	1				
	Includes Items 40-44					
	Models: 34, 340, 341		114469	98850	98850	
	38, 380, 381, 402		114470	85358	85358	
	400, 401, 451	4	98853	98853	440740	
	WHEEL DIFF. KIT LESS SIDE GEARS Includes Items 40-43	1	118748	118748	118748	
40	Spider	1	38289	38289	38289	
41	Side Pinion	4	104139	104139	104139	104139 replaces 37071
42	Side Pinion Thrust Washer	4	27810	27810	27810	
43	Side Gear Thrust Washer	2	27827	27827	27827	
44	Diff. Side Gear	2				
	Models: 34, 340, 341		110525	37072	37072	
	38, 380, 381, 402		110527	37069	37069	
45	400, 401, 451	4	85486	85486	NU 10 400711	
45	Pinion Pilot Bearing	1	MUS1307UM	MUS1307UM	MUS1307U	M
46	Pinion Bearing Cone (Inner) Pinion Bearing Cone (Outer)	1 1	72218C HM807049	72218C 72200C	72200C 72200C	
47	Pinion Bearing Spacer	AR	HIM607049	722000	722000	
48	Pinion Bearing Cage & Cup Assy	1				
	Includes Item 49 Ratio 3.55-3.70	1	110731	107322		110731 Cast = 110730
	Other Ratios	1	110733	107324		110733 Cast = $110730110733$ Cast = $110732$
	34/38DTB, C, 34/38DPB, C	1			107322	107322 Cast = 107321
	34/38DTD, E, 34/38DPD, E	1			107324	107324 Cast = 107323
49	Pinion Bearing Cup (Inner)	1	72487	72487	72487	
	Pinion Bearing Cup (Outer)	1	HM807010	72487	72487	
50	Pinion Bearing Cage Shim	AR				
	.003"		45461	45461	45461	
	.005"		62829	62829	62929	
	.010" .020"		45462	45462	45462	
	.020 .030"		62830 45463	62830 45463	62830 45463	
51	Bearing Cage Capscrew	6	62158	62158	62158	
52	Lockwasher	6	37207	37207	37207	
53	Pinion Helical Gear	1	110845	74991		
	34/38DTB, C & DPB, C				46977	
	34/38DTD, E & DPD, E				74991	
54	Slotted Nut	1	118806	118854	118854	
	Pinion Nut		NOTE 2	NOTE 8	9520	
55	Roll Pin	1	118807	118855	118855	
56	Output Shaft Nut	1	95205	95205	95205	
57	Flat Washer	1	4327	4327	4327	
58	Output Yoke Axle Housing Cover Assy	4	CALL YOU	UR SALES REP		
59	Includes Items 60-63	1				
	(Cover 127781) ( <b>NSS</b> )		107320			
	3/4" (Cover 127874) ( <b>NSS</b> )			75336	75336	
	1" (Cover 77749) ( <b>NSS</b> ) Rear Bearing Retaining Washer	1		 46583	77750 46583	
	(Not Illustrated)					
~~	Output Shaft Oil Seal	1	475003N	475003N	475003N	
60		1	45516	45516	45516	
61	Bearing Snap Ring	1				
61 62	Output Shaft Bearing & Sleeve Assy		46584	46584	MA1209EL	
61		1				

### NSS = Not Sold Separately

# MODELS: DT/DP340, DT/DP341, DT/DP380(P), DT/DP381(P), DT/DP400-P, DT/DP401-P, DT/DP402(P), DT/DP451-P, 34DT/DP, 38DT/DP (Cont'd)

ITEM NO.	PART NAME	QTY	DT/DP341 DT/DP381(P) DT/DP402(P) DT/DP401-P DT/DP451-P	DT/DP340 DT/DP380(P) DT/DP400-P	34DT/DP 38DT/DP	REMARKS
63	Magnetic Filler Plug			54254	54254	3/4"
03	Magnetic Filler Flug	1	75130	75130	75130	7/8"
		1	77944	77944	77944	1"
	Hole Plug	1	90898	90898	90898	1
64	OUTPUT SHAFT, NUT & BUSHING KIT	1	115123	98603	98603	
0.	(Shaft - <b>NSS</b> ) 34 Splines, 1.750" dia.	1	128736			128736 replaces old #110818
	(Shaft - <b>NSS</b> ) 10 Splines, 1.750" dia.	1		85441	85441	
65	Output Shaft Bushing	1	48922	48922	48922	
66	Output Shaft "O" Ring	2	46526	46526	46526	
67	Side Gear Snap Ring	2	85994	85994	85994	
					NOTE 4	
68	Output Shaft Bearing Cup (Inner)	1	29620	34492A	34492A	
69	Output Shaft Bearing Cone (Inner)	1	29675	34274	34274	
70	Output Shaft Side Gear	1	110810			
71	Output Shaft Spring	1	51238			
72	Output Shaft Spring Thrust Bearing	1	51228		05212	
73	Inter-axle Diff. Assy Includes Items 74-80	1	213608	213608	95213	
74	DIFF. CASE KIT	1	ORDER 213608			
	Case Half (NSS)					
75	Bolt	8	85438	85438	85438	
76	Nut	8	57637	57637	57637	
	DIFF. SIDE PINION & SPIDER KIT Includes Items 77-80	1		96381	96380	
77	Side Pinion	4	95214	95214	95210	
78	Side Pinion Bushing	4	95215	95215	95211	
79	Side Pinion Thrust Washer	4	127785	85437	25968	
80	Spider	1	127783	95216	95212	
81	Helical Side Gear Snap Ring	1	85997	85997	46983	
82	Helical Side Gear & Bushing Assy Includes Item 83	1	128042	85432 NOTE 5	45476	
	Side Gear (NSS)		128018	85431	45474	
83	Helical Side Gear Bushing	2	85991	85991	48921	
84	Helical Side Gear Thrust Washer	1	85429	85429	45477	
85	Helical Side Gear "D" Washer	1	45478	45478	45478	
86	Lockout Sliding Clutch	1	128016	128016	45480	
87	INPUT SHAFT, WASHER & NUT KIT Includes Items 85 & 97				NOTE 6	
	Models w/o Lube Pump	1	115122	103289	98693	
	(Shaft - NSS) 44 Splines, 2.250" dia.	1	128740			128740 replaces old #110823
	(Shaft - <b>NSS</b> ) 16 Splines, 2.125" dia.	1		103283		
	(Shaft - <b>NSS</b> ) 10 Splines, 1.969" dia.	1	445400	400700	88285	
	Models w/Lube Pump	1	115126	106709		100700
	(Shaft - <b>NSS</b> ) 44 Splines, 2.250" dia.	1	128739	400000		128739 replaces old #110805
88	(Shaft - NSS) 16 Splines, 2.125" dia. Input Shaft Bearing Cone	1	3979	102608 JH307749	JM207049	
88	Input Shaft Bearing Cone	1	JM511910	JH307749 JH307710	JM207049 JM207010	
90	Input Shart Bearing Cup Input Bearing Cover Shim	AR	00011010	01007710	5101207010	
	.003"	/	45498	45498	45498	
	.005"		70709	70709	70709	
	.010"		45499	45499	45499	
	.020"		85406	85406	85406	
91	Input Bearing Cover, Cup & Oil Assy Includes Items 89 & 94	1				
	Models wLube Pump		211888	102629		
	(Cover - NSS)		110806	102614		
	Models w/o Lube Pump		211634	85423	86813	
	(Cover - NSS)		110824	85421	86811	
92	Bearing Cover Capscrew	5	113324	113324	113324	
93	Lockwasher	5	90414			

### NSS = Not Sold Separately

**EATON**<sup>®</sup> MODELS: DT/DP340, DT/DP341, DT/DP380(P), DT/DP381(P), DT/DP400-P, DT/DP401-P, DT/DP402(P), DT/DP451-P, 34DT/DP, 38DT/DP (Cont'd)

ITEM NO.	PART NAME	QTY	DT/DP341 DT/DP381(P) DT/DP402(P) DT/DP401-P DT/DP451-P	DT/DP340 DT/DP380(P) DT/DP400-P	34DT/DP 38DT/DP	REMARKS
	OIL SEAL & SHIM KIT Includes Items 17, 50, 60, 90, 94 & RTV	1	114395			
	Input Shaft Spacer Washer (Not Illustrated)	1		85427		
94	Input Shaft Oil Seal	1	475012N	475012N	475003N	
95	Input Yoke	1		YOUR SALES REP		
90	input toke		UALL	TOUR SALES REP		
96	Flat Washer	1	85404	85404	56864	
90	Input Shaft Nut	1	95207	95207	95206	
97	Diff. Carrier Cover Assy	1	33201	33201	33200	
30	Models w/o Lube Pump	1	45481	45481	45481	
	Models w/o Lube Pump Models w/Lube Pump	1	45481 102627	102627	45481	
	Includes Items 101-102	I	102021	102021		
			100000	100000		
00	Cover (NSS)		102606	102606		
99	Carrier Cover Capscrew	4	10000	40000	10000	
	Long	4	12063	12063	12063	
	Short	5	90069	90069	90069	
100	Lockwasher	9	90417	90417	90417	
101	Pipe Plug	1	90325	90325		
102	Expansion Plug	1	9797	9797		
103	Magnetic Filter Screen Models w/Lube Pump	1	102611	102611		
104	LUBE PUMP REPLACEMENT KIT	1	106368	106368		
	Models w/Lube Pump Includes Items 105-110					
105	Pump Drive Gear	1	111448	102609-NOTE 7		
106	Drive Gear Locknut	1	111451	63028		
	Drive Gear Woodruff <sup>®</sup> Key (Not Illustrated)	1		81471		
107	Cover "O" Ring	1	102620	102620		
107	Cover Dowel Pin	2	102617	102617		
100	Cover Capscrew	4	102618	102618		
1109	Lockwasher	4	90419	90419		
111	Air-Operated Lockout Assy	4	30413	30413		
	Lockout Assembly					
112	Shift Fork & Push Rod Assy					
112		1	102613	102613		
	Models w/Lube Pump					
	Models w/o Lube Pump	1	45859	45859	45859	
	Gasket Compound	AR	107276	107276	107276	

### NSS = Not Sold Separately

### **EATON**<sup>®</sup> MODELS: DT/DP340, DT/DP341, DT/DP380(P), DT/DP381(P), DT/DP400-P, DT/DP401-P, DT/DP402(P), DT/DP451-P, 34DT/DP, 38DT/DP

NSS	-	NOT SOLD SEPARATELY
NOTE 1	-	120926 is interchangeable with 115825 by also using 110810 Output Shaft Side Gear. This conversion can be applied to 34/38D if power divider is also converted to D340/400 or D341/381/401.
NOTE 2	-	Axles built prior to May 1, 1982 use 95207 self-locking nut. Later models use 118806 slotted nut plus 118807 roll pin.
NOTE 3	-	Output Shaft Kit 115123 now contains shaft p/n 128736 which doesn't use an output shaft bushing. Refer to Technical Information Bulletin #93-06.
NOTE 4	-	For earlier style Output Shafts 46647 and 98603, use 44178 Snap Ring.
NOTE 5	-	Order Helical Gear Conversion Kit 113561.
NOTE 6	-	Early model axles use a ball bearing on input shaft. To convert ball bearing to taper bearing, use Kit 86987 which contains items 88, 90 & 91.
NOTE 7	-	102609 remains available for early pump models built with Woodruff keys.
NOTE 8	-	Production Axles used 95206 self-locking nut; service gear sets now use 118854 slotted nut plus 118855 roll pin.
NOTE 9	-	Refer to Technical Information Bulletin #93-04 for more details.

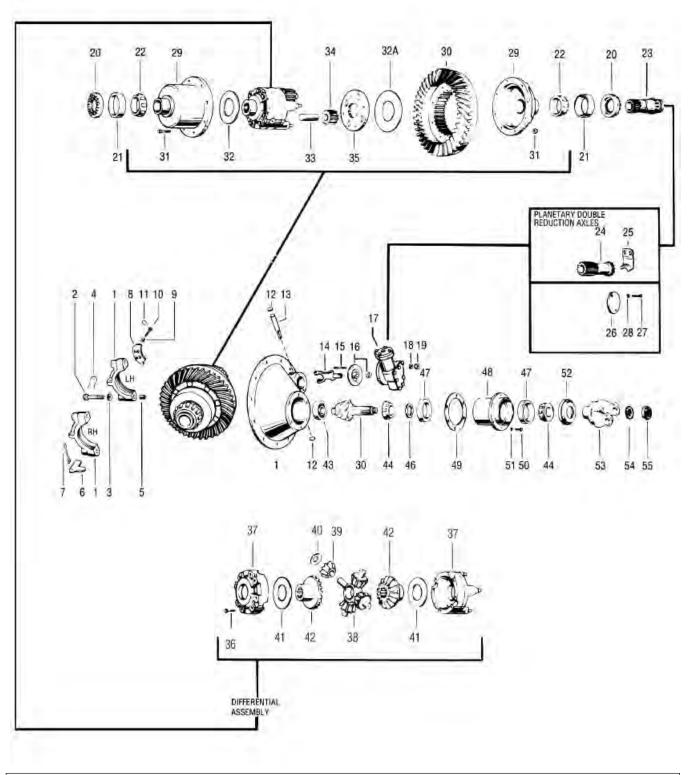
### **RING GEAR & PINION SETS - FORWARD AXLES**

МС	DEL 34/38DT	B/DPB-C &	DTD/DPD-E	MODEL DT/DP341/381/401/402/451			MODEL	DT/DP341, 38	1, 401
							GEAR	GEAR	TEETH
	GEAR	GEAR	TEETH	GEAR	GEAR	TEETH	RATIO	SET	COUNT
	RATIO	SET	COUNT	RATIO	SET	COUNT			
							3.55/4.83*	111186	(39-11)
	3.70/5.05*	95547	(37-10)	3.55/4.83	218998	(39-11)	3.70/5.05*	111187	(37-10)
	4.11/5.61*	95548	(37-9)	3.70/5.05	218999	(37-10)	4.11/5.61	111188	(37-9)
	4.33/5.91*	95549	(39-9)	3.90/5.32	219000	(39-10)	4.33/5.91	111189	(39-9)
	4.56/6.21*	95550	(41-9)	4.11/5.61	219001	(37-9)	4.56/6.21	111190	(41-9)
	4.88/6.65*	95551	(39-8)	4.33/5.91	219002	(39-9)	4.88/6.65	111191	(39-8)
	5.29/7.21*	95552	(37-7)	4.56/6.21	219003	(41-9)	5.29/7.21	111192	(37-7)
	5.57/7.60*	95553	(39-7)	4.88/6.65	219004	(39-8)	5.57/7.60	111193	(39-7)
	6.14/8.38	95554	(43-7)	5.29/7.21	219005	(37-7)	6.14/8.38	111194	(43-7)
	6.50/8.86	95555	(39-6)	5.57/7.60	219006	(39-7)	6.50/8.86	111195	(39-6)
	7.17/9.77	95556	(43-6)	6.14/8.38	219007	(43-7)	7.17/9.77	111196	(43-6)
				6.50/8.86	218511	(39-6)			( /
	1/2" BOLT HO	DLES IN RIN	IG GEAR	7.17/9.77	219008	(43-6)			
	6.14/8.38	99662	(43-7)			. ,			
	6.50/8.86	99663	(39-6)						
	7.17/9.77	99664	(43-6)						
		55004	(40 0)						

### \* 16" GEARING - ALL OTHERS 16-1/2" GEARING

# **EATON**<sup>®</sup>

MODELS: RT/RP340, RT/RP341, RT/RP 380, RT/RP381, RT/RP 400, RT/RP401, RT/RP402, RT/RP451, 34RT/RP, 38RT/RP



# $\textbf{EATON}^{\texttt{R}}$

### MODELS: RT/RP341, RT/RP381(P), RT/RP402(P), RT/RP401-P, RT/RP451-P, RT/RP340, RT/RP380(P)RT/RP400-P, 34RT/RP, 38RT/RP

ITEM NO.	PART NAME	QTY PER AXLE		RT/RP341 RT/RP381 (P) RT/RP402 (P) RT/RP401-P Rt/RP451-P	Rt/RP340 RT/RP380 (P) RT/RP400 -P	34RT/RP 38RT/RP	REMARKS
	Bearing, Seal & Gasket Kit	1	RAIR	RAIR	RAIF	R	
1	Diff. Carrier & Bearing Caps	1	67759				
	Carrier Casting No. (NSS))	1	119856			-	
2	Bearing Capscrew	4	32732				
3	Flat Washer	4	32912				
4	Lockwire	4	90538				
5	Dowel Bushing Bearing Cap Adjuster Lock (RH)	2	32730 13377				
6 7	Cotter Pin (RH)	1	90873				
8	Bearing Cap Adjuster Lock (LH)	1	37745				
9	Dowel Bushing (LH)	2	37745				
10	Cap Screw (LH)	2	37747				
11	Lockwire (LH)	2	12563				
12	Expansion Plug (Upper)	1	30703				
	Expansion Plug (Lower)	1	9797				
13	Shift Fork Shaft & "O" Ring Assy	1	113801	113801			RT ONLY
14	Shift Fork & Roller Assy	1	32613				RT ONLY
15	Shift Unit Mounting Stud	2	119863				RT ONLY
16	Shift Fork Seal & Spring Assy	1	119855	119855	11985	5	RT ONLY
17	Shift Unit Assy	1	73507	73507	73507	7	RT ONLY
18	Lockwasher	2	119857	119857	11985	7	RT ONLY
19	Stud Nut	2	63028				RT ONLY
20	Diff. Bearing Adjuster (RH)	1	110243				
	Diff. Bearing Adjuster (LH)	1	56932				
21	Diff. Bearing Cup (RH)	1	493				
	Diff. Bearing Cup (LH)	1	56650			-	
22	Diff. Bearing Cup (RH)	1	497	497			
	Diff. Bearing Cup (LH)	1	56425				DT ONIL V
23	Sliding Clutch	1	113596				RT ONLY
24	Sun Gear	1	113598				RP ONLY
25	Sun Gear Retainer	1	43178				RP ONLY
26 27	Shift Unit Opening Cover Cap Screw	1 2	45521 20807	45521 20807			RP ONLY RP ONLY
27	Lockwasher	2	90415				RP ONLY
20	Gear Support Case (RH)	1	110148				
23	Gear Support Case (LH) Includes 27817 Cone (LH)	1	27838				
30	Ring Gear & Drive Pinion Set Includes Item 55	1		MATCHED PARTS	: (SEE SEPARAT	e listing (	ON PAGE 65)
31	Ring Gear Nut & Bolt Kit	1	87955	87955	8795	5	
	Bolt	8	44358	44358		3	
	Nut	8	60599	60599	60599	9	
32	Gear Support Thrust Washer (RH)	1	27827	27827	2782	7	
	Gear Support Thrust Washer (LH)	1	43270				
33	Idler Pinion Pin	4	27861	27861			
34	Idler Pinion	4	27835				
35	High-Speed Clutch Plate	1	56931	56931			
	WHEEL DIFF. CASE KIT Includes Items 36-37	1	101878	101878	101878	3	
36	Diff. Case Capscrew						
37	Diff. Case w/clutch plate pin						
	(Casting 96268) (LH) ( <b>NSS</b> )	1	98182				FLANGE HALF
	Diff. Case (RH) (NSS)	1	96279	96279	96279	9	PLAIN HALF

### NSS = Not Sold Separately

# **EATON**<sup>®</sup>

### MODELS: RT/RP341, RT/RP381(P), RT/RP402(P), RT/RP401-P, RT/RP451-P, RT/RP340, RT/RP380(P)RT/RP400-P, 34RT/RP, 38RT/RP (Cont'd)

WHEEL DIFF. SIDE GEAR & PINION KIT Includes Items 38-42 Models 34, 340,341         1         114469         98850         98850           38, 380, 381, 402         1         114470         85358         85358           400, 401, 451         1         98853         -           WHEEL DIFF. KIT LESS SIDE GEARS         118748         118748         118748           Includes Items 38-41         1         38289         38289         38289           39         Side Pinion         4         104139         104139         104139           40         Side Pinion         4         10625         37072         27810         27810           41         Side Gear Trust Washer         2         27827         27827         27827           42         Side Gear Trust Washer         2         27827         37072         37072           38, 380, 381, 402         110525         37072         37072         370569         37068         -           43         Pinion Bearing Spacer Washer         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	TEM NO.	PART NAME	QTY PER AXLE	RT/RP341 RT/RP381 (P) RT/RP402 (P) RT/RP401-P Rt/RP451-P	Rt/RP340 RT/RP380 (P) RT/RP400 -P	34RT/RP 38RT/RP	REMARKS
Models 34, 340,341         1         114469         98850         98850           38, 380, 381, 402         1         114470         85358         85358           400, 401, 451         1         98853         98853         -           WHEEL DIFF, KIT LESS SIDE GEARS         1         118748         118748         118748           1         36289         38289         38289         38289         38289           39         Side Pinion         4         104139         104139         104139           40         Side Pinion Thrust Washer         2         27827         27827         27827           2         Side Gear 2         -         -         -         -           41         Side Gear 2         -         -         -         -           23         Side Gear 2         -         -         -         -           42         Side Gear 2         -         110527         37072         37072           38, 30, 381, 402         110527         37072         37069         -         -           43         Prinon Bearing Cone         2         55200C         55200C         55437         55437           44         Pri		WHEEL DIFF. SIDE GEAR & PINION KIT	-				
38, 380, 381, 402       1       114470       85358       85358         WHEEL DIFF. KIT LESS SIDE GEARS       1       118748       118748       118748         Includes Items 38-41       1       38289       38289       38289         38       Spider       1       38289       38289       38289         39       Side Pinion       4       104133       104139       104139         40       Side Pinion Thrust Washer       2       27827       27827       27827         41       Side Gear Thrust Washer       2       27827       37072       37072         42       Side Gear Thrust Washer       2       27827       37069       37069         43       Pinion Piot Bearing       1       MUS1307UM       MUS1307UM       MUS1307UM         44       Pinion Bearing Spacer Washer       -       -       -       -         45       Pinion Bearing Spacer Washer       -       -       -       -         46       Pinion Bearing Cup       2       55437       55437       55437         47       Pinion Bearing Cup       2       55437       55437       55437         48       Pinion Bearing Cape & Cup Assy       1       <		Includes Items 38-42					
400, 401, 451         1         98853         98853         -           WHEEL DIFF. KIT LESS SIDE GEARS         1         118748         118748         118748           38         Spider         1         38289         38289         38289           39         Side Pinion Thrust Washer         4         104139         104139         104139           40         Side Gear Thrust Washer         2         27827         27827         27827           42         Side Gear 2		Models 34, 340,341	1	114469	98850	98850	
WHEEL DIFF, KIT LESS SIDE GEARS         1         118748         118748         118748           38         Spider         1         38289         38289         38289           39         Side Pinion         4         104139         104139           40         Side Pinion Thrust Washer         2         27827         27827         27827           41         Side Gear Thrust Washer         2         27827         27827         27827           42         Side Gear 2			•				
Includes Items 38-41           38         Spider         1         38289         38289         38289           39         Side Pinion         4         104139         104139           40         Side Pinion         Trust Washer         2         27810         27810           41         Side Gear Thrust Washer         2         27827         27827         27827           42         Side Gear 2         7072         37072         37072         37072           43         Pinion Pilot Bearing         1         MUS1307UM         MUS1307UM         MUS1307UM           44         Pinion Bearing Cone         2         55200C         55200C         55200C           45         Pinion Bearing Cone         2         55437         55437         55437           46         Pinion Bearing Cage & Cup Assy         1         Ratios 3.55/4.83 & 3.70/5.05         75108         75108         -           47         Pinion Bearing Cage & Cup Assy         1         75110         -         -         75108           34/38RTD, E, 34/38RPB, C         -         -         -         75100         -         -           4003"         Ordis"         107567         107567         1							
39         Side Pinion         4         104139         104139         104139           40         Side Pinion Thrust Washer         4         27810         27810         27810           41         Side Gear Thrust Washer         2         27827         27827         27827           42         Side Gear Thrust Washer         2         27827         37072         37072           38, 380, 381, 402         110527         37069         37069         37069           400, 401, 451         85486         85486         -           41         Pinion Bearing Cone         2         55200C         55200C           42         Pinion Bearing Spacer         AR         -         -         -           44         Pinion Bearing Cape & Cup Assy         1         1         4         4           47         Pinion Bearing Cape & Cup Assy         1         -         -         -           48         Pinion Bearing Cape & Cup Assy         1         -         -         -         -           49         Pinion Bearing Cage Shim         AR         -         -         75110         -         -           49         Pinion Bearing Cage Shim         AR         -			1	118748	118748	118748	
40         Side Pinion Thrust Washer         4         27810         27810         27810           41         Side Gear Thrust Washer         2         27827         27827         27827           42         Side Gear 2	38			38289	38289	38289	
41         Side Gear Thrust Washer         2         27827         27827         27827           42         Side Gear 2	39						
42       Side Gear 2       1105       1105       1105         42       Side Gear 2       110525       37072       37072         38, 380, 381, 402       110527       37069       37069         43       Pinion Pilot Bearing       1       MUS1307UM       MUS1307UM         44       Pinion Bearing Cone       2       55200C       55200C         45       Pinion Bearing Spacer       AR       -       -       -         47       Pinion Bearing Cup       2       55437       55437       55437         48       Pinion Bearing Cup       2       55437       55437       55437         47       Pinion Bearing Cup       2       55437       55437       55437         7       Ratios 3.55/4.83 & 3.70/5.05       75108       75108       -       -         7       Ratios 3.55/4.83 & 3.70/5.05       75110       -       -       -       75108       -       -       -       -       -       -       -       -       -       -       -       -       -       75108       -       -       -       -       -       -       -       -       75100       -       -       -       -       -							
Models: 34, 340, 341         110525         37072         37072           38, 380, 381, 402         110527         37069         37069           400, 401, 451         85486         85486         -           43         Pinion Pilot Bearing         1         MUS1307UM         MUS1307UM           44         Pinion Bearing Cone         2         55200C         55200C           45         Pinion Bearing Spacer         AR         -         -           47         Pinion Bearing Cup         2         55437         55437           48         Pinion Bearing Cup         2         55437         55437           48         Pinion Bearing Cup         2         55437         55437           54387         AS3.370/5.05         75108         75108         -           Clage 75107 (NSS)         -         -         75110         -           34/38RTD, C, 34/38RPB, C         -         -         75110         -           49         Pinion Bearing Cage Shim         AR         -         -         75110           49         Pinion Bearing Cage Shim         AR         -         -         75110           003"         107568         107568         10			2	27827	27827	27827	
38, 380, 381, 402       110527       37069       37069         400, 401, 451       85486       85486       -         43       Pinion Bearing Cone       2       55200C       55200C         44       Pinion Bearing Cone       2       55200C       55200C         45       Pinion Bearing Spacer Washer       -       -       -         46       Pinion Bearing Cup       2       55437       55437       55437         47       Pinion Bearing Cup       2       55437       55437       55437         48       Pinion Bearing Cup       2       55437       55437       55437         48       Pinion Bearing Cage & Cup Assy       1       -       -       -         Ratios 3.55/4.83 & 3.70/5.05       75108       75108       -       -         (Cage 75107 (NSS)       75110       75110       -       -         34/38RTD, E, 34/38RPB, C       -       -       75110       -         .003"       107567       107567       107567       107567         .003"       107568       107568       107568       107569         .003"       107570       107570       107570       107570         .003" <td>42</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	42						
400, 401, 451         85486         85486         -           43         Prinion Pilot Bearing Cone         2         55200C         55200C           45         Pinion Bearing Spacer Washer         -         -         -           46         Pinion Bearing Cup         2         55437         55437         55437           47         Pinion Bearing Cup         2         55437         55437         55437           48         Pinion Bearing Cup         2         55437         55437         55437           48         Pinion Bearing Cage & Cup Assy         1         -         -         -           48         Pinion Rearing Cage & Cup Assy         1         -         -         -           49         Ratios 3.55/4.83 & 3.70/5.05         75108         75108         -         -           54/38TB (C, 34/38RPB, C)         -         -         75108         -         -         -         75108         -         -         -         75108         -         -         -         -         75108         -         -         -         75108         3/4/38RTB, C, 3/4/38RPB, C         -         -         75110         -         -         -         75110         - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
43         Pinion Pilot Bearing         1         MUS1307UM         MUS1307UM         MUS1307UM           44         Pinion Bearing Cone         2         55200C         55200C         55200C           45         Pinion Bearing Spacer Washer         -         -         -         -           46         Pinion Bearing Cape         AR         -         -         -         -           47         Pinion Bearing Cape & Cup Assy         1         -         -         -         -           48         Pinion Bearing Cape & Cup Assy         1         -         -         -         -           75100         Ratios 3.55/4.83 & 3.70/5.05         75108         75100         -							
44         Pinion Bearing Cone         2         55200C         55200C         55200C           45         Pinion Bearing Spacer         AR         -							
45       Pinion Bearing Spacer       AR       -       -       -       -       -         46       Pinion Bearing Spacer       AR       -       -       -       -       -         47       Pinion Bearing Cup       2       55437       55437       55437         48       Pinion Bearing Cage & Cup Assy       1       -       -       -         48       Pinion Bearing Cage & Cup Assy       1       -       -       -         48       Pinion Bearing Cage & Cup Assy       1       -       -       -         6       Gage 75107 (NSS)       75108       75100       -       -         0ther Ratios       75109 (NSS)       -       -       -       75108         34/38RTD, C, 34/38RPB, C       -       -       -       75110       -         49       Pinion Bearing Cage Shim       AR       -       -       75108       107567       107567         .003"       100"       107567       107568       107568       107569       107569         .010"       006"       100"       107571       107571       107571         .020"       107571       107571       107571       107571	-	0					
46       Pinion Bearing Spacer       AR         47       Pinion Bearing Cup       2       55437       55437         48       Pinion Bearing Cage & Cup Assy       1       1         Ratios 3.55/4.83 & 3.70/5.05       75108       75108       -         (Cage 75107 (NSS)       75110       -       -         Other Ratios       75110       75110       -         34/38RTB, C, 34/38RPB, C       -       -       75110         34/38RTD, E, 34/38RPD, E       -       -       75110         49       Pinion Bearing Cage Shim       AR       -         .003"       107567       107567       107567         .003"       107568       107569       107569         .003"       107570       107570       107571         .020"       107571       107571       107571         .020"       107571       107571       107571         .020"       6       113325       113325         .020"       6       37207       37207         .020       0IL SEAL & SHIM KIT       1       114104       114104         Includes Items 16, 49, 52 & RTV       -       -       -       9773 <td< td=""><td></td><td>0</td><td></td><td>55200C</td><td>55200C</td><td>55200C</td><td></td></td<>		0		55200C	55200C	55200C	
47         Pinion Bearing Cup         2         55437         55437         55437           48         Pinion Bearing Cage & Cup Assy         1				-	-	-	
48       Pinion Bearing Cage & Cup Assy Ratios 3.55/4.83 & 3.70/5.05       75108       75108       -         75107       (NSS)       75110       -       -         0ther Ratios       75110       75110       -         34/38RTB, C, 34/38RPB, C       -       -       75110         34/38RTD, E, 34/38RPB, C       -       -       75110         49       Pinion Bearing Cage Shim       AR       -       -         .003"       107567       107568       107568       107568         .005"       107568       107569       107569       107569         .000"       107570       107570       107570       107570         .000"       107570       107571       107571       107571         .000"       107570       107571       107571       107571         .000"       107571       107571       107571       107571         .000"       107571       107571       107571       107571         .000"       107571       107571       107571       107571         .000"       107571       107571       107571       107571         .000"       1017571       107571       107571       107571	46	Pinion Bearing Spacer	AK				
Ratios 3.55/4.83 & 3.70/5.05       75108       75108       -         (Cage 75107 (NSS)       75110       -       -         Other Ratios       75110       75110       -         (Cage 75109 (NSS)       -       -       75108       75110       -         34/38RTB, C, 34/38RPB, C       -       -       75110       -       -         49       Pinion Bearing Cage Shim       AR       -       -       75110         49       Pinion Bearing Cage Shim       AR       -       -       75108       107567       107567         .003"       107568       107568       107568       107569       107569       107569       107569       107570       107570       107570       107571 <td>47</td> <td>Pinion Bearing Cup</td> <td>2</td> <td>55437</td> <td>55437</td> <td>55437</td> <td></td>	47	Pinion Bearing Cup	2	55437	55437	55437	
(Cage 75107 (NSS)       75110       75110       -         Other Ratios       75110       75110       -         (Cage 75109 (NSS)       -       -       75100         34/38RTB, C, 34/38RPB, C       -       -       75110         34/38RTD, E, 34/38RPD, E       -       -       75110         49       Pinion Bearing Cage Shim       AR       -       -         .003"       107567       107567       107567         .005"       107568       107568       107568         .010"       107569       107570       107570         .020"       107571       107571       107571         .020"       107571       107571       107571         .030"       6       113325       113325         51       Lockwasher       6       37207       37207         OIL SEAL & SHIM KIT       1       114104       114104         Includes Items 16, 49, 52 & RTV       1       CALL YOUR SALES REP         52       Oil Seal       1       9773       9773         53       Input Yoke       1       56864       4327         55       Pinion Nut       1       95206       -	48		1				
Other Ratios         75110         75110         -           (Cage 75109 (NSS)         34/38RTB, C, 34/38RPB, C         -         -         75108           34/38RTD, E, 34/38RPD, E         -         -         75110           49         Pinion Bearing Cage Shim         AR         -         7510           .003"         107567         107567         107567           .005"         107568         107568         107569           .0010"         107570         107569         107569           .020"         107570         107570         107570           .020"         107571         107571         107571           .020"         107571         107571         107571           .020"         107571         107571         107571           .030"         6         113325         113325           51         Lockwasher         6         37207         37207           52         Oil Seal         1         9773         9773         9773           53         Input Yoke         1         S6864         4327           54         Flat Washer         1         56864         4327           55         Pinion Nut				75108	75108	-	
(Cage 75109 (NSS)         34/38RTB, C, 34/38RPB, C       -       -       75108         34/38RTD, E, 34/38RPD, E       -       -       75110         49       Pinion Bearing Cage Shim       AR       -       -       7510         49       Pinion Bearing Cage Shim       AR       -       -       107567       107567         .003"       1005"       107568       107568       107569       107569         .010"       107570       107570       107570       107570         .020"       107571       107571       107571         .020"       107571       107571       107571         .020"       107571       107571       107571         .030"       6       113325       113325         51       Lockwasher       6       37207       37207         51       Lockwasher       1       9773       9773       9773         52       Oil Seal       1       9773       9773       9773         53       Input Yoke       1       56864       4327         54       Flat Washer       1       56864       4327         55       Pinion Nut       1       95206							
34/38RTB, C, 34/38RPB, C       -       -       75108         34/38RTD, E, 34/38RPD, E       -       -       75110         49       Pinion Bearing Cage Shim       AR       -       -       75108         .003"       107567       107567       107567       107567         .005"       100"       107568       107569       107569         .000"       107570       107570       107570         .020"       107570       107570       107570         .020"       107571       107571       107571         .020"       107571       107571       107571         .030"       107571       107571       107571         .030"       107571       107571       107571         .030"       107571       107571       107571         .030"       107571       107571       107571         .010 Capscrew       6       37207       37207         .010 Seal       1       9773       9773         .010 L Seal       1       9773       9773         .101 Voke       1       95206       -         .54       Flat Washer       1       56864       4327         .5				75110	75110	-	
34/38RTD, E, 34/38RPD, E         -         -         75110           49         Pinion Bearing Cage Shim         AR         -         75110           .003"         107567         107567         107567           .005"         107568         107568         107568           .010"         107569         107569         107569           .020"         107570         107570         107570           .020"         107571         107571         107570           .030"         107571         107571         107571           .030"         107571         107571         107571           .030"         107571         107571         107571           .030"         6         113325         113325           51         Lockwasher         6         37207         37207           .01L SEAL & SHIM KIT         1         114104         114104           .01cludes Items 16, 49, 52 & RTV         -         -         -           52         Oil Seal         1         9773         9773         9773           53         Input Yoke         1         S6864         4327           54         Flat Washer         1         56864<							
49         Pinion Bearing Cage Shim         AR           .003"         107567         107567         107567           .005"         107568         107568         107569           .010"         107569         107569         107569           .020"         107570         107570         107570           .030"         107571         107571         107571           .030"         107571         107571         107571           50         Capscrew         6         113325         113325           51         Lockwasher         6         37207         37207           OIL SEAL & SHIM KIT         1         114104         114104           Includes Items 16, 49, 52 & RTV         1         9773         9773           52         Oil Seal         1         9773         9773           53         Input Yoke         1         CALL YOUR SALES REP           54         Flat Washer         1         56864         4327           55         Pinion Nut         1         95206         -           Ratios 3.70-4.33 (1-31/32" spline)         -         -         95206				-	-		
.003"       107567       107567       107567         .005"       107568       107568       107569         .010"       107569       107569       107569         .020"       107570       107570       107570         .030"       107571       107571       107571         50       Capscrew       6       113325       113325         51       Lockwasher       6       37207       37207         OIL SEAL & SHIM KIT       1       114104       114104         Includes Items 16, 49, 52 & RTV       1       9773       9773         52       Oil Seal       1       9773       9773         53       Input Yoke       1       56864       4327         54       Flat Washer       1       56864       4327         55       Pinion Nut       1       95206       -         Ratios 3.70-4.33 (1-31/32" spline)       -       -       -       95206	10			-	-	75110	
.005"       107568       107568       107569         .010"       107569       107569       107569         .020"       107570       107570       107570         .030"       107571       107571       107571         50       Capscrew       6       113325       113325         51       Lockwasher       6       37207       37207         OIL SEAL & SHIM KIT       1       114104       114104         Includes Items 16, 49, 52 & RTV       -       -       -         52       Oil Seal       1       9773       9773       9773         53       Input Yoke       1       56864       4327         54       Flat Washer       1       56864       4327         55       Pinion Nut       1       95206       -         Ratios 3.70-4.33 (1-31/32" spline)       -       -       -       95206	49	5 5	AR	407507	407507	407507	
.010"       107569       107569       107569         .020"       107570       107570       107570         .030"       107571       107571       107571         50       Capscrew       6       113325       113325         51       Lockwasher       6       37207       37207         OIL SEAL & SHIM KIT       1       114104       114104         Includes Items 16, 49, 52 & RTV       52       Oil Seal       1       9773       9773         53       Input Yoke       1       56864       4327         54       Flat Washer       1       56864       4327         55       Pinion Nut Ratios 3.70-4.33 (1-31/32" spline)       -       -       -       95206							
.020"       107570       107570       107570         .030"       107571       107571       107571         50       Capscrew       6       113325       113325         51       Lockwasher       6       37207       37207         OIL SEAL & SHIM KIT       1       114104       114104         Includes Items 16, 49, 52 & RTV       9773       9773       9773         52       Oil Seal       1       9773       9773       9773         53       Input Yoke       1       56864       4327         54       Flat Washer       1       56864       4327         55       Pinion Nut Ratios 3.70-4.33 (1-31/32" spline)       -       -       -       95206							
.030"         107571         107571         107571           50         Capscrew         6         113325         113325         113325           51         Lockwasher         6         37207         37207         37207           OIL SEAL & SHIM KIT         1         114104         114104         114104           Includes Items 16, 49, 52 & RTV         7         9773         9773         9773           52         Oil Seal         1         9773         9773         9773           53         Input Yoke         1         Seales         1         9773         9773           54         Flat Washer         1         56864         56864         4327           55         Pinion Nut Ratios 3.70-4.33 (1-31/32" spline)         1         95206         -           -         -         95206         -         -							
50         Capscrew         6         113325         113325         113325           51         Lockwasher         6         37207         37207         37207           OIL SEAL & SHIM KIT         1         114104         114104         114104           Includes Items 16, 49, 52 & RTV         1         9773         9773         9773           52         Oil Seal         1         9773         9773         9773           53         Input Yoke         1         CALL YOUR SALES REP           54         Flat Washer         1         56864         4327           55         Pinion Nut Ratios 3.70-4.33 (1-31/32" spline)         1         95206         -           -         -         95206         -         -							
51         Lockwasher         6         37207         37207         37207           OIL SEAL & SHIM KIT         1         114104         114104         114104           Includes Items 16, 49, 52 & RTV         1         9773         9773         9773           52         Oil Seal         1         9773         9773         9773           53         Input Yoke         1         CALL YOUR SALES REP           54         Flat Washer         1         56864         4327           55         Pinion Nut Ratios 3.70-4.33 (1-31/32" spline)         1         95206         -           -         -         95206         -         -	50		6				
OIL SEAL & SHIM KIT         1         114104         114104         114104           Includes Items 16, 49, 52 & RTV         1         9773         9773         9773           52         Oil Seal         1         9773         9773         9773           53         Input Yoke         1         CALL YOUR SALES REP         56864         4327           54         Flat Washer         1         56864         56864         4327           55         Pinion Nut Ratios 3.70-4.33 (1-31/32" spline)         -         -         95206         -			-				
Includes Items 16, 49, 52 & RTV           52         Oil Seal         1         9773         9773           53         Input Yoke         1         CALL YOUR SALES REP           54         Flat Washer         1         56864         4327           55         Pinion Nut Ratios 3.70-4.33 (1-31/32" spline)         1         95206         -           -         -         95206         -         -	51		-				
52         Oil Seal         1         9773         9773         9773           53         Input Yoke         1         CALL YOUR SALES REP         1         54         Flat Washer         1         56864         4327           55         Pinion Nut Ratios 3.70-4.33 (1-31/32" spline)         1         95206         95206         -           -         -         -         95206         -         -         95206         -			I				
53         Input Yoke         1         CALL YOUR SALES REP           54         Flat Washer         1         56864         4327           55         Pinion Nut Ratios 3.70-4.33 (1-31/32" spline)         1         95206         -           -         -         95206         -         95206	52	, , ,	1	9773	9773	9773	
55         Pinion Nut         1         95206         95206         -           Ratios 3.70-4.33 (1-31/32" spline)         -         -         -         95206						0.10	
55         Pinion Nut         1         95206         95206         -           Ratios 3.70-4.33 (1-31/32" spline)         -         -         -         95206	54	Flat Washer	1	56864	56864	4327	
		Ratios 3.70-4.33 (1-31/32" spline)	-				
		Ratios 4.33-7.17 (1-3/4" spline)	-	-	-	95205	
Gasket Compound         AR         107276         107276		Gasket Compound	AR	107276	107276	107276	

NSS = Not Sold Separately

# **EATON**<sup>®</sup> RING GEAR AND PINION SETS - REAR AXLES

GEAR	GEAR	SUPERSEDED	TEETH
RATIO	SET	<u>BY</u>	COUNT
3.55/4.83	111513	219009	(39-11)
3.70/5.05	111514	219010	(37-10)
3.90/5.32	113526	219011	(39-10)
4.11/5.61	111515	219012	(37-9)
4.33/5.91	111516	219013	(39-9)
4.56/6.21	111517	219014	(41-9)
4.88/6.65	111518	219015	(39-8)
5.29/7.21	111519	219016	(37-7)
5.57/7.60	111520	219017	(39-7)
6.14/8.38	111521	219018	(43-7)
6.50/8.86	111522	218587	(39-6)
7.17/9.77	111523	219019	(43-6)

MODEL RT/RP340, 380, 400							
MODE GEAR RATIO 3.70/5.05 4.11/5.61 4.33/5.91 4.56/6.21 4.88/6.65 5.29/7.21 5.57/7.60 6.14/8.38 6.50/8.86 7.17/9.77	EL RT/RP340, GEAR <u>SET</u> 96833 98115 98116 98117 98118 98119 98120 98121 98122 98123	380, 400 TEETH COUNT (37-10) (37-9) (39-9) (41-9) (39-8) (37-7) (38-7) (43-7) (39-6) (43-6)					

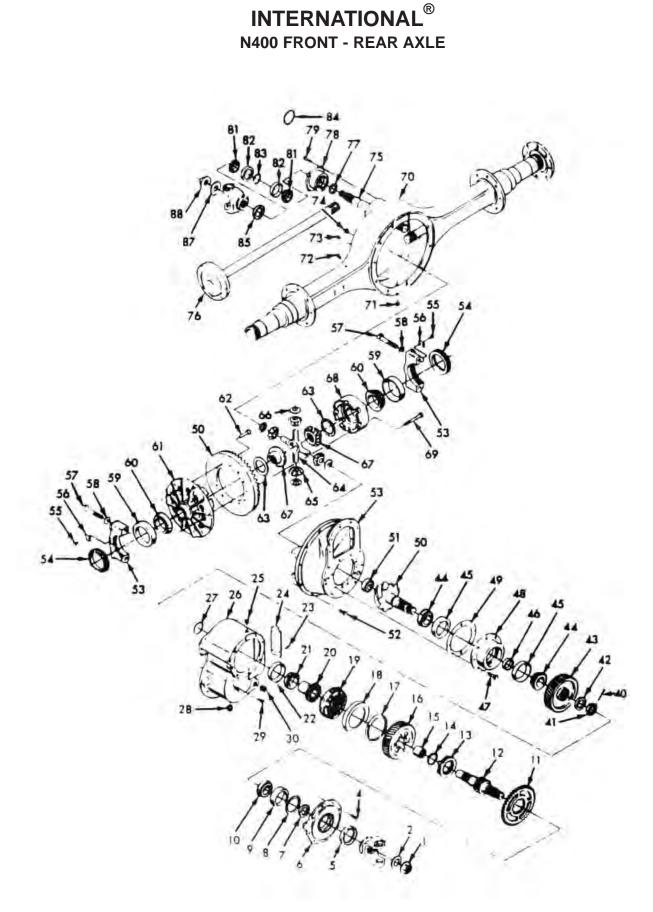
MODEL 34/38 R	TB/RPB-C & F	RTD/RPD-E
GEAR	GEAR	TEETH
RATIO	SET	COUNT
3.70/5.05	96833	(37-10)
4.11/5.61	96834	(37-9)
4.33/5.91	96835	(39-9)
4.56/6.21	96836	(41-9)
4.88/6.65	96837	(39-8)
5.29/7.21	96838	(37-7)
5.57/7.60	96839	(39-7)
5.57/7.60	96840	(39-7)
6.14/8.38	96841	(43-7)
6.50/8.86	96842	(39-6)
7.17/9.77	96843	(43-6)
<u>1/2" BOLT H</u>	OLES IN RING	GEAR
6.14/8.38	99666	(43-7)
6.50/8.86	99667	(39-6)
7.17/9.77	99668	(43-6)



The Heavy Duty Division of MIDWEST TRUCK & AUTO PARTS, INC.<sup>™</sup>

# **EVERY WORLD AMERICAN PRODUCT**

- Meets or exceeds OS/QS requirements
- Backed by a comprehensive warranty
- Competitively priced
- Can be electronically ordered for shipment within 24 hours

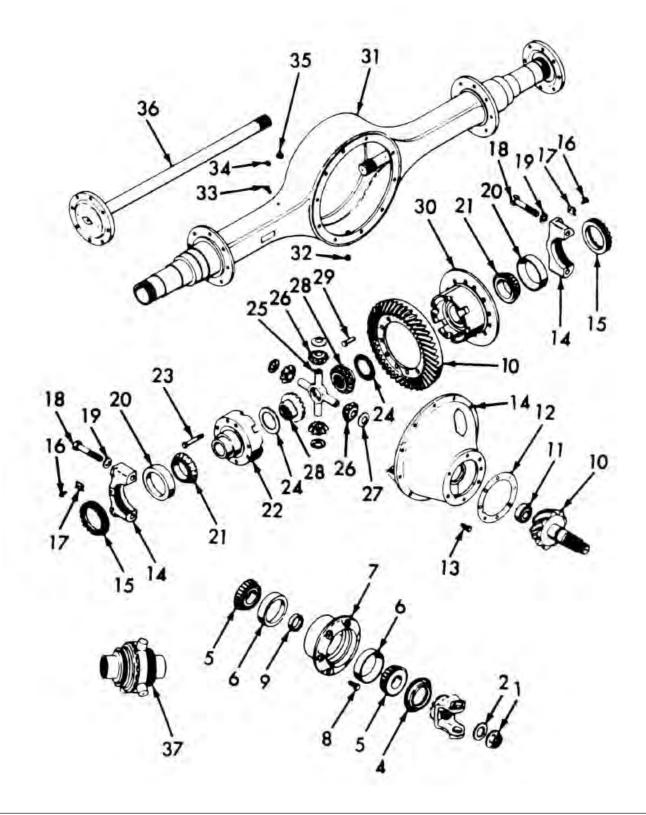


# INTERNATIONAL<sup>®</sup> N400 FRONT - REAR AXLE

ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
		AXLE, FWD REAR		30		PLUG, FRT. INTERAXLE DIFF.	
		DANA <sup>®</sup> N400I		30		COVER	
		40000 LB. SGL - RED			586045C1	W/O CODE 14WLE	1
					2035618C1	W/CODE 14WLE	1
	1696474C1	NUT, FLG INPUT SHAFT	1	40	19415R1	PIN, PINION NUT ROLL	1
2	390362R1	WASHER, INPUT SHAFT NUT	1	41	83799	NUT, HEX PINION SHAFT	1
4	1691240C1	BOLT, HEX-HD 1/2 - 13 UNC X	8	42	1665324C1	SPACER, PINION NUT	1
		1-1/4 IN. FRT. BRG. RET.		43	1665380C1	GEAR, HELICAL DRIVEN 44T	1
5	415013N	▲ SEAL, INPUT SHAFT OIL	4	44	72225C	<ul> <li>BEARING, CONE PINION</li> </ul>	2
		PRIOR TO 7/15/91 7/15/91 AND LATER	1 1	45	72487	<ul> <li>BEARING, CUP PINION</li> </ul>	2
6	1691153C91	RETAINER, FRT. BRG.	1	46		SPACER, PINION BRG	
0	1091100091	REPLACEMENT FLANGE FOR	I		360453C1	.718 IN. THK	AR
		TRUCKS BUILT AFTER 7/15/91			360457C1	.722 IN. THK	AR
	1693855C1	GASKET ELIMINATOR, 6ML	AR		360461C1	.726 IN. THK	AR
7	1665324C1	SPACER, INPUT FLANGE	1		360465C1	.730 IN. THK	AR
8		SHIM, INTERAXLE DIFF. BRG.	•		360469C1	.734 IN. THK	AR
	1665316C1	.003 IN. THK	AR		393975C1	.738 IN. THK	AR
	1665317C1	.005 IN. THK	AR	17	393979C1	.742 IN. THK	AR
	1665318C1	.010 IN. THK	AR	47	1691152C1	BOLT, HEX-HD PINION BRG.	8
	1665319C1	.030 IN. THK	AR	48	1665303C91	CAGE CAGE, W/CUPS, PINION BRG.	1
9	HM 807010	<ul> <li>BEARING, CUP INPUT SHAFT</li> </ul>	1	40	10000000091	SHIM, PINION BRG. CAGE	I
10	HM807049	<ul> <li>BEARING, CONE INPUT SHAFT</li> </ul>	1	49	1665320C1	.003 IN. THK	AR
11	1665308C1	GEAR, OIL PUMP DR	1		1665321C1	.005 IN. THK	AR
					1665322C1	.010 IN. THK	AR
12		SHAFT, INPUT W/NUT			1665323C1	.030 IN. THK	AR
	1692964C91	PRIOR TO 9/1/91	1	50		/ / GEAR SET, RING AND PINION	
		(SN 24591A)			1665335C91	3.06-1 RATIO	1
	1693019C91	9-1-91 AND LATER	1		1665336C91	3.21-1 RATIO	1
		(SN 24591A)			1665337C91	3.42-1 RATIO	1
13	1665332C1	COLLAR, SHIFT	1		1665338C91	3.54-1 RATIO	1
14	2501605C91	WASHER, THRUST	1		1665339C91	3.73-1 RATIO	1
15	B3624	BEARING, HELICAL DR GEAR	1		1665340C91	3.91-1 RATIO	1
		NEEDLE			1665341C91	4.10-1 RATIO	1
16	1665309C91	GEAR, HELICAL DR W/BRG 44T	1		1665342C91	4.44-1 RATIO	1
17		NOT USED			1665343C91	4.56-1 RATIO	1
18	1665312C1	SLINGER, OIL	1		1665344C91 1665345C91	4.78-1 RATIO 4.89-1 RATIO	1
19	1665307C91	CASE, INTERAXLE DIFF.	1		1665346C91	5.11-1 RATIO	1
20	1665300C1	GEAR, INTERAXLE DIFF. REAR	1		1665347C91	5.25-1 RATIO	1
		SIDE			1665348C91	5.38-1 RATIO	1
21	JLM710949	▲ BEARING, CONE REAR INPUT	1		1665349C91	5.63-1 RATIO	1
		SHAFT			1665350C91	6.14-1 RATIO	1
		FOR SERVICE ORDER JLM710949		51	RU1570UM	▲ BEARING PINION PILOT	1
22	JLM710910	▲ BEARING, CUP REAR INPUT	1	52	1691152C1	BOLT, HEX-HD 9/16 - 12UNC X	12
		SHAFT				1-1/2 IN. DIFF. CARRIER	
22	2667004	FOR SERVICE ORDER JLM710910	5	53	1665304C91	CARRIER W/CAPS, DIFF.	1
23	26678R1	BOLT, HEX-HD 5/16-18 X 1 IN. OIL PUMP COVER	C		1693856C1	GASKET ELIMINATOR, 50ML	AR
24	1665306C1	COVER, OIL PUMP	1			·	
24	10000001	PLUG, FILLER	I	54	1665313C91	ADJUSTER, DIFF. BRG.	2
20	586045C1	W/O CODE 14WLE	1	55	26310R1	BOLT, HEX-HD 3/8 - 16UNC X	2
	2035618C1	W/CODE 14WLE	1			1 IN. BRG. ADJ. LK	
26	1665301C91	COVER, INTERAXLE DIFF.	1	56	1665314C1	LOCK. DIFF. BRG ADJ	2
		HELICAL GEAR	-	57	1691245C1	BOLT, HEX-HD, BRG CAP	4
27	21003R1	▲ RING, O, INTERAXLE DIFF.	1	58	25712R1	WASHER, FL 3/4 IN. BRG CAP	4
28	1665376C1	PLUG, DRAIN MAGNETIC	1	11		BOLT	
29	1691240C1	BOLT, HEX-HD 1/2 - 13UNC X	12	59	495	<ul> <li>BEARING, CUP DIFF.</li> </ul>	2
-		1-1/4 IN. DIFF. COVER	_	60	493	<ul> <li>BEARING, CONE DIFF.</li> </ul>	2
				61		# CASE, DIFF. FLG HALF	1

# INTERNATIONAL<sup>®</sup> N400 FRONT - REAR AXLE

ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION QTY
62	157490R1	€ RIVET, RING GEAR	12	92		DIFFERENTIAL, NO-SPIN™ 1
63	157494R1	@ WASHER, SIDE GEAR THRUST	2			NOTE: ITEM 92 REPLACES ITEMS
64	864356R2	@ SPIDER, DIFF.				63 THRU 67 WHEN NO-SPIN™ DIFF IS
65	864357R2	@ GEAR, PINION DIFF.	4			USED.
<u>66</u> 67	864360R1 571354C1	@ WASHER, PINION GEAR THRUST @ GEAR, DIFF, SIDE - 41 SPL	4	16652240	202	DIFFERENTIAL, STD 3.06-1 RATIO
07	571357C1	@ GEAR, DIFF. SIDE - 41 SPL @ GEAR, DIFF. SIDE - 39 SPL	2	16652250		3.21-1 RATIO
68	5/155/01	# CASE, DIFF. PLN HALF	1	16652260		3.42-1 RATIO
69	1691252C1	# BOLT, HEX-HD 9/16 - 12UNC X	8	16652270		3.54-1 RATIO
		3-3/4 IN. DIFF. CASE		16652280	C92	3.73-1 RATIO
70		HOUSING, AXLE		16652290	092	3.91-1 RATIO
	2660840C1	HEND <sup>®</sup> AIR SUSP	1	16652300		4.10-1 RATIO
		INTL SUSP		16652310		4.44-1 RATIO
		4-SPG		16652320		4.56-1 RATIO
		EXC LOW PROFILE SUSP.		1665233C		4.78-1 RATIO 4.89-1 RATIO
	1686124C1	W/O ABS	1	16652350		5.11-1 RATIO
	1686124C1	W/ABS	1	16652360		5.25-1 RATIO
	1680593C1	FOR LOW PROFILE SUSP	1	16652370		5.38-1 RATIO
	1660840C1	AIR EXC. LOW PROFILE SUSP	1	16652380	C92	5.63-1 RATIO
	100004001	FOR LOW PROFILE SUSP	1	16652390		6.14-1 RATIO
	1672319C2	W/O ABS	1	554204C1	1	* GASKET, SILICONE, 3 OZ. TUBE
		REORDER 2007984C1 HSG AND 1668708C1 TTR-BRKT				* NON-ILLUSTRATED // SEE DIFF. CASE LISTING WHEN CHANGING RATIOS
	2018802C1	W/ABS	1	1	I 696994C91	
71 72	586049C1 91916R91	PLUG, MAGNETIC DRAIN	<u>1</u> 1			# CASE, DIFF W/BOLTS
73	586046C1	BREATHER, AXLE HSG PLUG, TEMP SENDER HOLE	1	1	1665327C91	3.06 THRU 4.44-1 RATIO
74	00004001	PLUG, FILLER		1	1665328C91	4.78 THRU 6.14-1 RATIO
	586045C1	W/O CODE 14WLE	1	1	1665325C91	KIT, INTERAXLE DIFF. W/GEARS
	2035618C1	W/CODE 14WLE	1		677057C91	/ KIT, OUTPUT SHAFT BRG
75	1665379C91	SHAFT, W/NUT, OUTPUT	1		585705C91	@ MAIN DIFF KIT - 39 SPL.
76	57405000	SHAFT, AXLE		5	585706C91	@ MAIN DIFF KIT - 41 SPL. RA223FR
	571350C2	W/O CODES 844004, 844006 W/CODE 844004	2 2			
	1615350C1 1694307C1	W/CODE 844004 W/CODE 844006	2	► E	BRG AND SEA	
	103430701	GASKET, AXLE SHAFT FLG	2			
	895493R2	W/O CODES 844004, 844006	2			
	56152R2	W/CODE 844004	2			
	297336C1	W/CODE 844006	2			
77	1665378C1	SPACER, OUTPUT SHAFT	1			
78	1692929C91	CAGE, OUTPUT SHAFT BRG	1			
79	26310R1	BOLT, HEX-HD, BRG CAGE	4			
80		3/8 - 16UNC X 1 IN. NOT USED				
81	A1400	/ CONE. OUTPUT SHAFT BRG	2			
82	A1400	/ CUP, OUTPUT SHAFT BRG	2			
83		/ RING, SNAP, INNER	1			
84		/ RING, SNAP, OUTER	1			
85	4624V	▲ SEAL, OIL, OUTPUT SHAFT	1			
87	597194C1	WASHER, OUTPUT SHAFT NUT	1			
88	1696471C1	NUT, OUTPUT SHAFT FLG	1			
89	LF689 1665311C91	FILTER, PUMP W/CODE 14WAC	1			
90	1665373C91	SCREEN, PUMP	1			
		W/CODE 14WAC				
91	1660842C91	PUMP, LUBE W/CODE 14WAC	1			

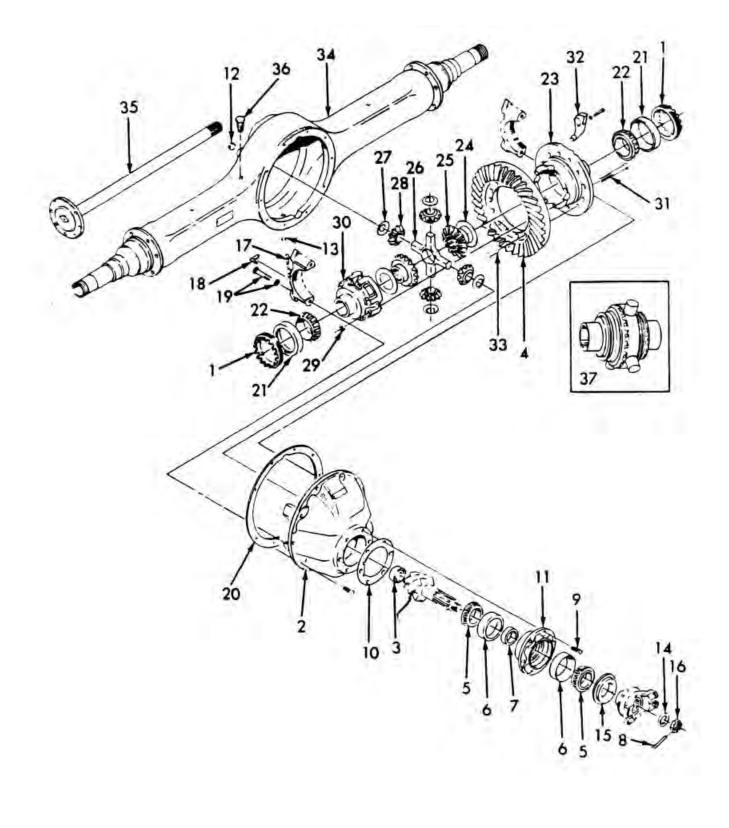


#### **INTERNATIONAL<sup>®</sup>** N400 REAR - REAR AXLE

ITEM NO.	PART NO.	DESCRIPTION	QTY
		AXLE, REAR REAR	
		DANA <sup>®</sup> N400	
		40000 LB. SGL-RED	
_1	1696474C1	NUT, HEX PINION SHAFT	11
2	390362R1	WASHER, PINION SHAFT NUT	1
4	710008	SEAL, OIL PINION @ PRIOR TO 7/15/91	1
	1691143C91	7/15/91 AND LATER	1
5	72225C	@ BEARING CONE PINION	2
6	72487	@ BEARING CUP PINION	2
7	454719C91	CAGE, PINION BRG W/CUPS	1
8	1691152C1	BOLT, PINION BRG CAGE	8
9		SPACER, PINION BRG	
	360453C1	.718 IN. THK	AR
	350457C1	.722 IN. THK	AR
	360461C1 360465C1	.726 IN. THK .730 IN. THK	AR AR
	360469C1	.730 IN. THK .734 IN. THK	AR
	393975C1	.734 IN. THK .738 IN. THK	AR
	393979C1	.742 IN. THK	AR
10		// GEAR SET, RING AND PINION	
	1665354C91	3.06-1 RATIO	1
	1665355C91	3.21-1 RATIO	1
	1665356C91	3.42-1 RATIO	1
	1665357C91	3.54-1 RATIO	1
	1665358C91	3.73-1 RATIO	1
	1665359C91	3.91-1 RATIO	1
	1665360C91 1665361C91	4.10-1 RATIO 4.44-1 RATIO	1
	1665363C91	4.78-1 RATIO 4.78-1 RATIO	1
	1665365C91	5.11-1 RATIO	1
	1665367C91	5.38-1 RATIO	1
	1665368C91	5.63-1 RATIO	1
	1665369C91	6.14-1 RATIO	1
11	RU1570UBM	@ BEARING, PILOT PINION	11
12		SHIM, PINION BRG CAGE	
	896612R1	.005 IN. THK	AR
	157566R1	.010 IN. THK	AR
13	157567R1 1691152C1	.030 IN. THK BOLT, CARRIER TO HSG	AR
13	103113201	CARRIER, DIFF. W/CAPS	12
	1665305C91	3.06 THRU 6.14-1 RATIOS	1
	1681583C91	6.25 THRU 7.83-1 RATIOS	1
	1693856C1	GASKET, ELIMINATOR 50ML	1
15	1665313C1	ADJUSTER, DIFF. BRG	2
15	26310R1	BOLT, HEX-HD BRG ADJ. LK	2
17	1665314C1	LOCK, DIFF. BRG ADJ.	2
18	1691245C1	BOLT, HEX-HD BRG CAP	4
19	25712R1	WASHER, FL CAP BOLT	4
20	495	@ BEARING, CUP DIFF.	2
21	493	BEARING, CONE DIFF.	2
22	1001	# CASE, DIFF. PL HALF	1
23	1691252C1	# BOLT, HEX-HD 9/16 X 3-3/4 IN. DIFF. CASE	8
24	157494R1	WASHER, SIDE GEAR THRUST	2
25	864356R2	SPIDER, DIFF.	1
26	864357R2	GEAR, PINION DIFF.	4
_ 27	864360R1	WASHER, SIDE GEAR THRUST	4
28	571354C1	GEAR, SIDE DIFF. 41 SPL.	2
	571357C1	GEAR, SIDE DIFF. 39 SPL.	2

ITEM NO.	PART NO.	DESCRIPTION	QTY
29	157490R1	RIVET, RING GEAR TO DIFF. CASE	12
30		©# CASE, DIFF. FLG HALF	1
31	400040504	HOUSING, AXLE HEND <sup>®</sup> AIR SUSP	4
	1686125C1	4-SPG	1
	1697104C1	EXC LOW PROFILE	1
	1680594C1	FOR LOW PROFILE	1
		AIR EXC LOW PROFILE	
	1686125C1	W/O ABS SENSOR	1
	1686125C1	W/ABS SENSOR	1
		FOR LOW PROFILE	
	1672320C2	W/O ABS SENSOR REORDER 2007985C1 HSG	1
		AND 1668708C1 TTR BKT	
	2018514C1	W/ABS SENSOR	1
		REORDER 2018513C1 HSG	
32	586049C1	AND 1668708C1 TTR BKT PLUG, MAGNETIC DRAIN	1
33	91916R91	BREATHER, AXLE HSG	1
34	586048C1	PLUG, TEMP	1
35	50004504	PLUG, FILLER	
	586045C1 2035618C1	W/O CODE 14WLE W/CODE 14WLE	1
36	203301001	SHAFT AXLE	
	571350C2	EXC CODE 844004	2
	1615350C1	FOR CODE 844004	2
	90540202	GASKET, AXLE SHAFT EXC CODE 844004	2
	895493R2 56152R2	FOR CODE 844004	2
37		DIFFERENTIAL, NO-SPIN™	1
		NOTE: ITEM 37 REPLACES	
		ITEMS 24 THRU 28 WHEN	
		NO-SPIN™ DIFF. IS USED.	
		DIFFERENTIAL, STD	
	1665281C92	3.06-1 RATIO	
	1665282C92	3.21-1 RATIO	
	1665283C92	3.42-1 RATIO	
	1665284C92 1665285C92	3.54-1 RATIO 3.73-1 RATIO	
	1665386C92	3.91-1 RATIO	
	1665287C92	4.10-1 RATIO	
	1665288C92	4.44-1 RATIO	
	1665290C92	4.78-1 RATIO	
	1665292C92 1665294C92	5.11-1 RATIO 5.38-1 RATIO	
	1665295C92	5.63-1 RATIO	
	1665296C92	6.14-1 RATIO	
		// DIFF. CASE LISTINGS WHEN CHANGING RATIOS	
	RA223RR	<ul> <li>@ BRG AND SEAL KIT</li> <li># CASE, DIFF W/BOLTS</li> </ul>	
	1665327C91	3.06 THRU 4.44-1 RATIO	
	1665328C91	4.78 THRU 6.14-1 RATIO	
	585705C91 585706C91	<ul> <li>MAIN DIFF. KIT - 39 SPL.</li> <li>MAIN DIFF. KIT - 41 SPL.</li> </ul>	
	1696994C91	<ul> <li>BOLT KIT</li> </ul>	

#### INTERNATIONAL<sup>®</sup> N400 REAR - REAR AXLE



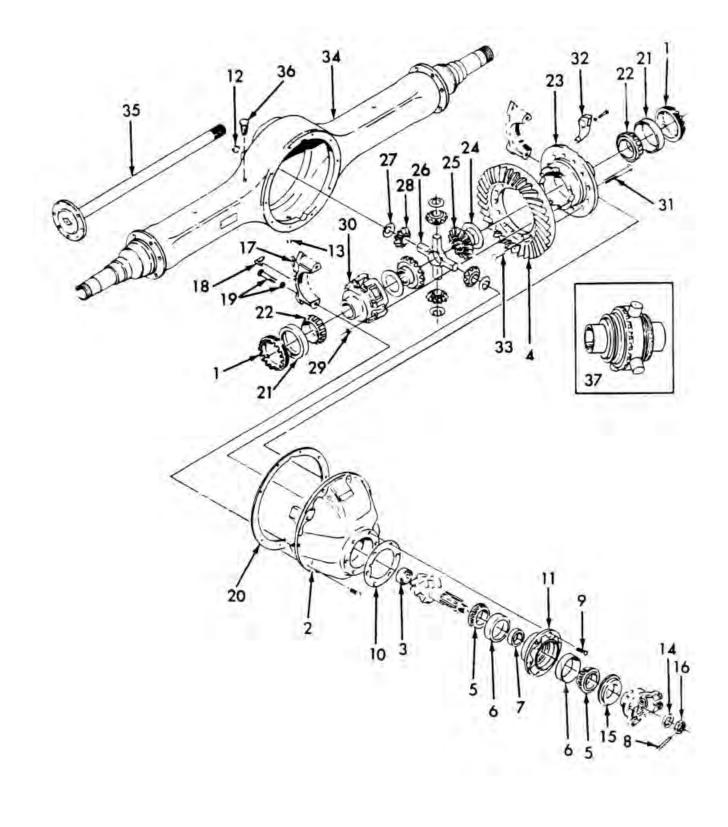
### INTERNATIONAL<sup>®</sup> RA30 - REAR AXLE

1

ITEM NO.	PART NO.	DESCRIPTION	QTY
		AXLE, REAR	
		INTL/DANA <sup>®</sup> D135S	
		15500 LB.	
		SGL-RED	
1	54528HA	ADJUSTER, DIFF. BRG	2
2	69016R93	CARRIER, DIFF. W/CAPS	2
-	00010100	BOLT, CARRIER TO HSG HEX-HD	·
	590796C1	7/16NF X 1-1/4 IN.	6
	590797C1	7/16NF X 1-3/4 IN.	2
	24852R1	7/16NF X 2-1/4 IN.	2
3	MUB5205UM	& BEARING, PILOT PINION REAR // GEAR SET, RING AND PINION	1
4	1653808C91	4.78-1 RATIO	
	69021R93	5.29-1 RATIO	1
	578793C91	5.38-1 RATIO	1
	69022R93	6.17-1 RATIO	1
	69014R93	6.67-1 RATIO	1
	69015R93	7.17-1 RATIO	1
	69017R1	RIVET, RING GEAR TO DIFF. CAS	
5	HM903249A	& BEARING, CONE PINION FRT	2
		FOR SERVICE REORDER	
6		HM903249A & BEARING, CUP PINION FRT	2
<u>6</u> 7	HM903210	SPACER, PINION FRT BRG	Z
'	49413HA	.519 IN. THK	AR
	49415HA	.525 IN. THK	AR
	49417HA	.531 IN. THK	AR
	49419HA	.537 IN. THK	AR
	49421HA	.543 IN. THK	AR
8		NOT USED	
9	25293R1	BOLT, HEX-HD 1/2-13UNC X	8
10		5-1/2 IN.	
10	683264R1	SHIM, PINION BRG CAGE .003 IN. THK LOWER HALF	AR
	683264R1	.005 IN. THK	AR
	52748HA	.010 IN. THK	AR
	52749HA	.032 IN. THK	AR
11	454711C91	CAGE, PINION BRG W/CUPS	1
	83968R1	BOLT, CAGE TO CARRIER	6
12	586045C1	PLUG, FILLER	1
13	586049C1	PLUG, MAGNETIC DRAIN	1
14	54557H	WASHER, PINION SHAFT	1
<u>15</u> 16	711553 117804H	& SEAL, OIL PINION NUT, COMPANION FLG	<u>1</u> 1
10	117804H 54557H	WASHER, COMPANION FLG NUT	1
	1/8X 1-3 /4P	PIN, COTTER 1/8 X	1
17	3/16 X1 /P	PIN, COTTER 3/16 X 1 IN.	2
18	ETN0090186	LOCK, DIFF. BRG ADJ	2
19	69018R1	BOLT, DIFF. CARRIER BRG CAP	4
	25879R1	WASHER, BOLT DIFF. BRG CAP	AR
20	69177R1	& GASKET, DIFF. TO HSG	1
21	3925	& BEARING, CUP DIFF. CASE	2
22	3984	& BEARING, CONE DIFF. CASE	2
23 24	86233H	CASE, DIFF. FLG HALF # WASHER, SIDE GEAR THRUST	2
24	86233H 571353C1	# GEAR, SIDE - 36 SPL.	2
	51 100001		
26	436830C1	# SPIDER, DIFF.	1

ITEM NO.	PART NO.	DESCRIPTION	QTY
28	436831C1	# GEAR, PINION DIFF.	4
29	9412230	NUT, HEX LK 1/2NF	8
30	493202C91	CASE, DIFF. PL HALF	1
31	25293R	BOLT, DIFF. CASE	8
32		SCOOP, OIL DIFF. CASE SHAFT	
	83420R91	PRE-AUTOMATED AXLE SHAFT	1
	83394R91	AUTOMATED AXLE SHAFT	1
		1/4 X 3/4 L	1
		1/4 R	1
33	69017R1	RIVET, RING GR	14
34		HOUSING, AXLE	
	583207C92	PRE-AUTOMATED AXLE SHAFT	1
	589025C93	AUTOMATED AXLE SHAFT	1
35		SHAFT, AXLE	
	455460C1	1-3/4 IN. X 16 SPLINES	2
		PRE-AUTOMATED AXLE SHAFT	
	571347C2	1-7/8 IN. X 36 SPLINES	2
		AUTOMATED AXLE SHAFT	
	500016C1	GASKET, AXLE SHAFT FLG	2
36		STUD, WHEEL FLG	16
37		DIFFERENTIAL, NO-SPIN™ UNIT	
		NOTE: ITEM 37 REPLACES	
		ITEMS 24 THRU 28 WHEN	
		NO-SPIN™ DIFF. IS USED.	
	577532C91 436837C92 436838C92 436839C92 579422C91 572199C91 572200C91 572201C91 591934C91 493202C91	DIFFERENTIAL, STD 1-3/4 IN. X 16 SPLINES PRE-AUTOMATED AXLE SHAFT STANDARD 5.38-1 RATIO 6.17-1 RATIO 6.67-1 RATIO 7.17 IN. X 36 SPLINES AUTOMATED AXLE SHAFT STANDARD 5.38-1 RATIO 6.17-1 RATIO 6.67-1 RATIO 7.17-1 RATIO 7.17-1 RATIO // SEE DIFF. CASE LISTING WHEN CHANGING RATIOS. 4.78 RATIO ONLY CASE, DIFF. W/BOLTS # GEAR SET, DIFF. SIDE AND PINION PRE-AUTOMATED AXLE SHA 1-3/4 IN. X 16 SPLINES	.FT
	585703C91 RA202R KIT 947	AUTOMATED AXLE SHAFT 1-7/8 IN. X 36 SPLINES & BRG AND SEAL KIT © BOLT KIT	

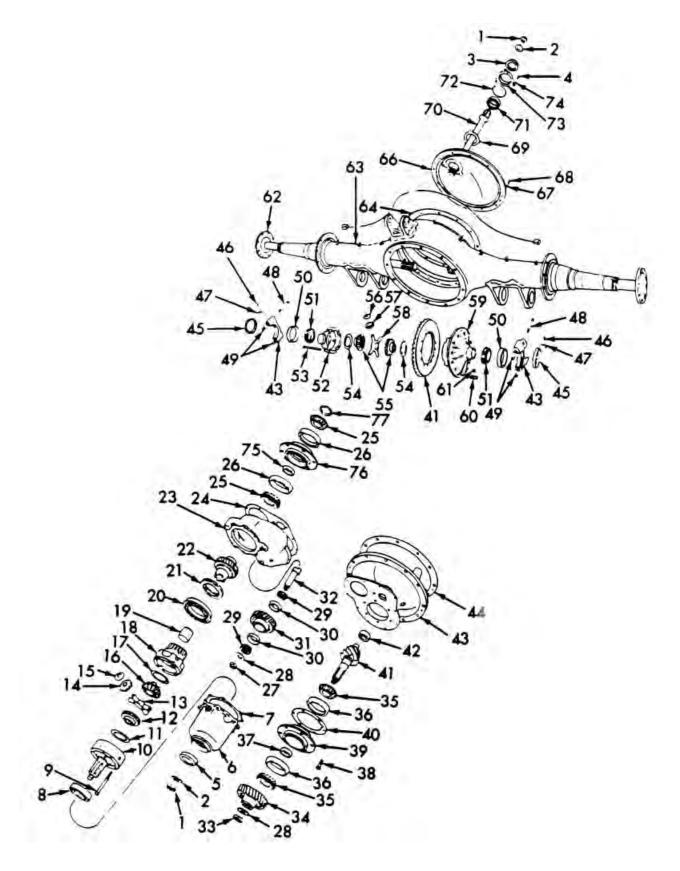
#### INTERNATIONAL<sup>®</sup> RA39 - REAR AXLE



#### INTERNATIONAL<sup>®</sup> RA39 - REAR AXLE

EM IO.	PART NO.	DESCRIPTION	QTY
		AXLE, REAR	
		INTL/DANA <sup>®</sup> F170S	
		17000 LB	
		SGL-RED	
1	52528HA	ADJUSTER, DIFF. BRG	2
2	115373R92	CARRIER, DIFF. W/CAPS	2
2	110070102	BOLT, 1/2 - 13UNC X	'
	1691148C1	1-3/8 IN.	6
	1691149C1	2-1/4 IN.	8
3	MUB5206UM	& BEARING, PILOT PINION REAR	1
4		// GEAR SET, RING AND PINION	
	596151001	W/O INVOLUTE SPLINES	1
	586151C91 586152C91	4.44-1 RATIO 4.78-1 RATIO	1 1
	586153C91	5.38-1 RATIO	1
	68906R94	5.57-1 RATIO	1
	68907R94	6.50-1 RATIO	1
	68908R94	7.17-1 RATIO	1
	-	W/INVOLUTE SPLINES	
	1658852C91	4.33-1 RATIO	1
	1669331C91	4.56-1 RATIO	1
	1654871C91	4.78-1 RATIO	1
	1654872C91	5.57-1 RATIO	1
	1654873C91	6.50-1 RATIO	1
	1654874C91	7.17-1 RATIO	1
	55175C 55437	& BEARING, CONE PINION	2
	55457	& BEARING, CUP PINION SPACER, PINION BRG	2
	68914R2	.625 IN. THK	AR
	68916R2	.631 IN. THK	AR
	68918R2	.636 IN. THK	AR
	68920R2	.643 IN. THK	AR
	68923R2	.652 IN. THK	AR
	1/8X 1-3 / 4P	PIN, COTTER 1/8 X 1-3/4	1
	1691152C1	BOLT, PINION BRG CAGE	8
)	00000454	SHIM, PINION BRG CAGE	
	890091R1	.005 IN. THK	AR
	68929R2 68930R2	.010 IN. THK .032 IN. THK	AR AR
1	454713C91	CAGE, PINION BRG W/CUPS	<u> </u>
2	586045C1	PLUG, FILLER	1
3	586049C1	PLUG, MAGNETIC DRAIN	1
1	54557H	WASHER, COMPANION FLG NUT	1
5	710006	& SEAL, OIL PINION	
		PRIOR TO 7/15/91	1
	44700 (11	7/15/91 AND LATER	1
) 7	117804H	NUT, COMPANION FLG	1
7 3	3/16 X1 P	PIN, COTTER 3/16 X 1	2
5 )	ETN0090186 68924R1	LOCK, DIFF. BRG ADJ BOLT, DIFF. BRG CAP	2
,	25879R1	WASHER, DIFF. BRG CAP	4 AR
)	20070101	& GASKET, CARRIER TO HSG	1
1	2025		~
1 2	3925 3984	& BEARING, CUP DIFF. CASE & BEARING, CONE DIFF. CASE	2
	5504	CASE, DIFF. FLG HALF	2
3	581550C1	4.33 THRU 5.38-1 RATIO	1
	241282R1	5.57 THRU 7.17-1 RATIO	1
4	86233H	# WASHER, SIDE GEAR THRUST	2
5	571352C1	# GEAR, SIDE DIFF.	2
6	241280R1	# SPIDER, DIFF	1
	241278R1	# WASHER, PINION GEAR THRUST	4

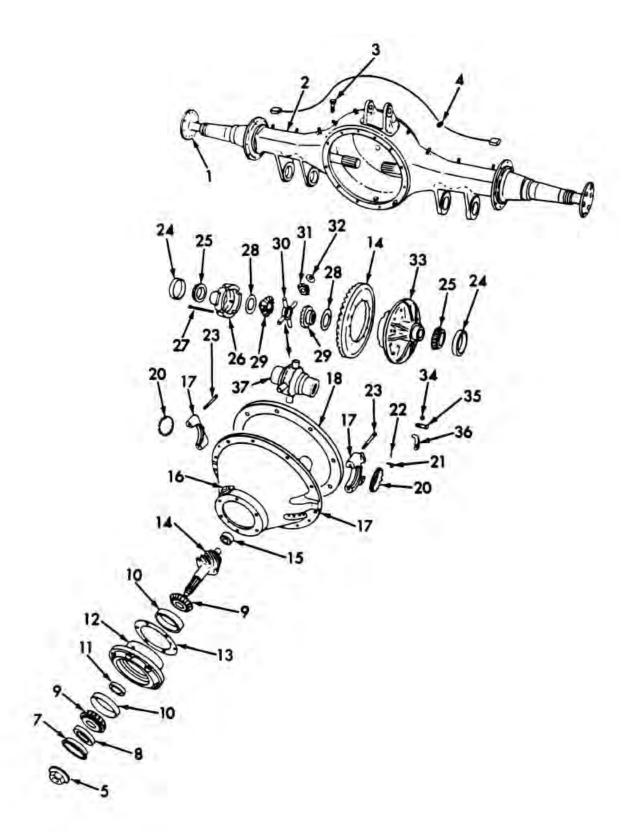
ITEM NO.	PART NO.	DESCRIPTION	QTY
28	241279R2	# GEAR, PINION DIFF.	4
29	414087C1	NUT, DIFF. CASE	8
30	241281R1	CASE, DIFF. PL HALF	1
31		BOLT, DIFF. CASE	
	1691243C1	4.33 THRU 5.38-1 RATIO	8
	1691244C1	5.57 THRU 7.17-1 RATIO	8
32	113272R1	SCOOP, OIL DIFF. CASE	1
	25485R1	BOLT, HEX-HD 1/4 - 20UNC X 1-1/4 IN.	
22	1/4 R 113271R1	WASHER, LK 1/4 REGULAR RIVET, RING GEAR TO DIFF. CASE	1 = 12
33 34	11327181	RIVET, RING GEAR TO DIFF. CASE HOUSING AXLE	: 12
54		INTERNATIONAL <sup>®</sup> SUSP	
	589026C92	STL SPG	1
	1665468C1	AIR	1
35	455461C2	SHAFT, AXLE 1-7/8 IN X 16 SPLINES	2
		PRE-AUTOMATED AXLE SHAFT	_
	2502178C1	X 36 SPLINES	2
		AUTOMATED AXLE SHAFT	
	500016C1	GASKET, AXLE SHAFT FLG	2
36		BREATHER, AXLE HSG	
	968936R91	1/8 IN.	1
37	9196R91	3/8 IN. DIFFERENTIAL, NO-SPIN™ UNIT	<u>1</u> 1
51		1-7/8 IN. X 36 SPLINES	I
		AUTOMATED AXLE SHAFT	
		NOTE: ITEM 37 REPLACES ITEMS	
		24 THRU 28 WHEN NO-SPIN™	
		DIFF. IS USED.	
		DIFFERENTIAL, STD	
		1-7/8 IN.	
		X 16 SPLINES	
	4400055000	PRE-AUTOMATED AXLE SHAFT	
	113335R96	5.57-1 RATIO	
	113336R96	6.60-1 RATIO 7.17-1 RATIO	
	113337R96	X 36 SPLINES	
		AUTOMATED AXLE SHAFT	
		W/O INVOLUTE SPLINES	
	584308C91	4.44-1 RATIO	
	584309C91	4.78-1 RATIO	
	584310C91	5.38-1 RATIO	
	572172C91	5.57-1 RATIO	
	572173C91	6.50-1 RATIO	
	572174C91	7.17-1 RATIO	
	1658822C92	W/INVOLUTE SPLINES 4.33-1 RATIO	
	1658822C92 1668481C92	4.33-1 RATIO 4.56-1 RATIO	
	1654863C92	4.38-1 RATIO 4.78-1 RATIO	
	1654864C92	5.57-1 RATIO	
	1654865C92	6.50-1 RATIO	
	1654866C92	7.17-1 RATIO	
		CASE, DIFF W/BOLTS	
	592224C91	4.33 THRU 5.38-1 RATIO	
	493203C91	5.57 THRU 7.17-1 RATIO	
		# GEAR SET, DIFF. SIDE AND PINION	
	1651268C91	1-7/8 IN. X 16 SPLINES	
		PRE-AUTOMATED AXLE SHAFT	
	585703C91	X 36 SPLINES AUTOMATED AXLE SHAFT	
	RA191RR	& BRG AND SEAL KIT	
	1696994C91	BOLT KIT	
		// SEE DIFF. CASE LISTING WHEN	



TEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
		AXLE, FWD REAR					
		INTL/DANA <sup>®</sup> G340S		31	487524C91	GEAR, W/CUP, IDLER	1
		34000 LB.				SPACER, IDLER GEAR BRG	
		SGL-RED			227420R2	.395 IN. THK	AR
					329579C2	.975 IN. THK	AR
1	26244R1	@ NUT, COMPANION FLG	2		329580C2	.980 IN. THK	AR
2	214757R2	@ WASHER, COMPANION FLG NUT	2		227415R2	.985 IN. THK	AR
3	415013N	/ SEAL, OUTPUT SHAFT OIL	1		329581C2	.990 IN. THK	AR
4	26310R1	BOLT, RET TO COVER	4		227416R2	.995 IN. THK	AR
5	415147N	/ SEAL, INTER DIFF. HSG OIL	1		227417R2	1.000 IN. THK	AR
6	474015C1	@ HOUSING INTER DIFF.	1		227418R2	1.005 IN. THK	AR
	583164C1	@ SCREW, 12 PT HSG TO CASE	8		227419R2	1.010 IN. THK	AR
	586045C1	@ PLUG, PIPE SQ SOCKET 3/8	2		227414R2	1.015 IN. THK	AR
7	474517C2	GASKET, ELIMINATOR 50CC TUBE	1	<u>32</u> 33	227351R1	SHAFT, IDLER GEAR	1
8	310B	/@ BEARING, INTER DIFF. FRT	1	33	83799 19415R1	NUT, DR PINION PIN, ROLL	1
		FOR SERVICE ORDER		34	487536C1	GEAR, PINION SHFT DR	1
		FP6310VSP69		35	72225C	/ BEARING, CONE PINION	2
	00700404	@ SHIM, INPUT BRG		36	72487	/ BEARING, CUP PINION	2
	227331R1	.005 IN. THK	AR	37	12401	SPACER, PINION BRG	
0	227332R1	.010 IN. THK	AR	51	360453C1	.718 IN. THK	AR
9	227327R1	BOLT, INTER DIFF. SPIDER	8		360457C1	.722 IN. THK	AR
4.0					360461C1	.722 IN. THK	AR
10		@ CASE, INTER DIFF. SPIDER			360465C1	.730 IN. THK	AR
4.4	C40000D4				360469C1	.734 IN. THK	AR
11	612686R1	@ WASHER, FRT SIDE GEAR THRUS			393975C1	.738 IN. THK	AR
	463346C1	BEARING, FRT SIDE GEAR THRUS			393979C1	.742 IN. THK	AR
12	417854C1	▲ @ GEAR INTER DIFF. FRT SIDE	1	38	1691152C1	BOLT, PINION BRG CAGE	6
13	436830C1	@ SPIDER, INTER DIFF.	1	39	359358C11	CAGE, W/CUPS BRG	1
14	436831C1	@ GEAR, INTER DIFF. PINION	4	40		SHIM, PINION BRG CAGE	
15	88015H	@ WASHER, PINION THRUST	4		255751C1	.003 IN. THK	AR
16	441143C1	▲ @ GEAR, INTER DIFF. REAR SIDE	1		255751C1	.005 IN. THK	AR
17	227279R1	▲ @ WASHER, REAR SIDE GEAR	1		227354R1	.010 IN. THK	AR
17	22/2/961	THRUST	I		227354R1	.030 IN. THK	AR
18		@ CASE, W/BUSH. INTER DIFF.		41		// GEAR SET, RING AND PINION	
10		REAR HALF			597237C91	3.73-1 RATIO	1
19	243496R1	@ BUSHING, INTER DIFF. CASE	1		597238C91	3.91-1 RATIO	1
20	122SL	/@ BEARING, INPUT SHAFT REAR	1		597239C91	4.10-1 RATIO	1
21	227283R3	RING, DIFF. CLUTCH	1		597240C91	4.44-1 RATIO	1
22	487526C1	GEAR, INPUT DR	1		597241C91	4.78-1 RATIO	1
23	474018C1	CASE, INTER DIFF. CARRIER	1		597242C91	5.37-1 RATIO	1
	583164C1	SCREW, FLG 12 PT 1/2 X 1-1/4 IN.	11		597243C91	6.14-1 RATIO	1
	20126R1	PIN, SHIFT FORK	1		597244C91	6.57-1 RATIO	1
	17158R1	PIN, SLT	1		597245C91	7.17-1 RATIO	1
	586049C1	PLUG, PIPE SQ-SOCKET	1		597246C91	8.17-1 RATIO	1
		3/4 IN. DRAIN		42	MU1307TM	/ BEARING, PINION PILOT ROLLER	1
				43	474020C92	CARRIER, W/CAPS DIFF.	1
24		GASKET, SILICONE 3 OZ. TUBE	1		1691150C1	BOLT, CARR TO HSG	12
25	L610549	/ BEARING, CONE INPUT GEAR	2		181701	BOLT, HEX-HD 1/2NF X 1-5/8 IN.	2
		REAR			124934	NUT, HEX JAM 1/2NF	2
26	L610510	/ BEARING, CUP INPUT GEAR	2		5/8 R	WASHER, FL 5/8 IN.	12
		REAR		44	161026R3	GASKET, ELIMINATOR 50CC TUBE	
27	19392R1	NUT, IDLER SHFT STOP 1-1/8NF	1	45	69208R1	ADJUSTER, DIFF. BRG	2
28		WASHER		46	3/16 X 1 P	PIN, COTTER 3/16 X 1 IN.	2
	227271R1	IDLER SHFT	1	47 48	157491R2	LOCK, DIFF. BRG ADJ	2
	214757R2	DR PINION THRUST	1	48	24895R1	BOLT, DIFF. BRG CAP	4
29	25877	/ BEARING, CONE IDLER GEAR	2	49	25712R1	WASHER, DIFF. BRG CAP BOLT NOT USED	4
30	25821	/ BEARING, CUP IDLER GEAR	2	<u>49</u> 50	47820	/ BEARING, CUP DIFF.	2
				<u>50</u> 51	47820	/ BEARING, COP DIFF. / BEARING, CONE DIFF.	2
					-1050	, DEALING, CONE DIFF.	2

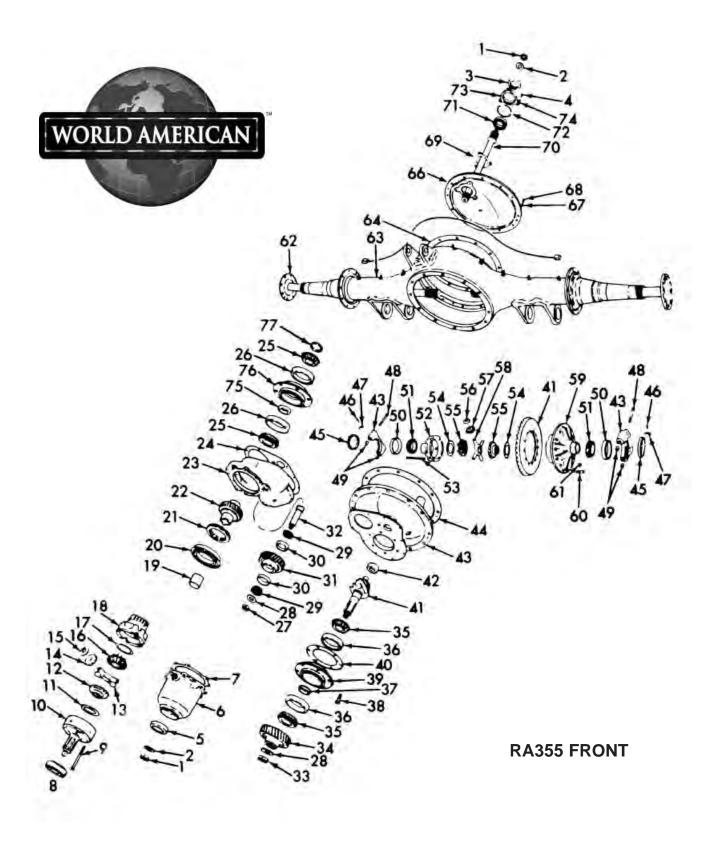
ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
52	864358R2	# CASE, DIFF. PL HALF	1				
53	001000112	# BOLT, DIFF. CASE					
	1691256C1	3.73 THRU 4.44-1 RATIO	8	77		DIFFERENTIAL, STD	
	1691255C1	4.78 THRU 8.17-1 RATIO	8			2 IN. X 16 SPLINES	
54	157494R1	& WASHER, DIFF. SIDE GEAR	2			PRE-AUTOMATED A	XI E SHAFT
		THRUST			468082C97	3.73-1 RATIO	
55	161027R2	& GEAR, DIFF. SIDE - 16 SPL.	2		493852C92	3.91-1 RATIO	
	571357C1	39 SPL.			468083C97	4.10-1 RATIO	
56	864360R1	& WASHER, DIFF. PINION THRUST	4		468084C97	4.44-1 RATIO	
57	864357R2	& GEAR, DIFF. PINION	4		468085C97	4.78-1 RATIO	
58	864356R2	& SPIDER, DIFF.	1		468086C97	5.37-1 RATIO	
59		# CASE, DIFF. FLG HALF	1		468087C97	6.14-1 RATIO	
	505756C1	3.73 THRU 4.44-1 RATIO	1		468088C97	6.57-1 RATIO	
	505757C1	4.78 THRU 8.17-1 RATIO	1		468089C97	7.17-1 RATIO	
60	157490R1	RIVET, RING GEAR TO DIFF. CASE			468090C97	8.17-1 RATIO	
61	27293R1	# NUT, DIFF. CASE BOLT	8		400030037	2 IN. X 39 SPLINES	
62	109389R1	SHAFT, AXLE 2 IN.	1			AUTOMATED AXLE SHA	∆FT
		X 16 SPLINES			572236C91	3.73-1 RATIO	
	050047004	PRE-AUTOMATED AXLE SHAFT			572237C91	3.91-1 RATIO	
	2502179C1	39 SPLINES	1		572238C91	4.10-1 RATIO	
		AUTOMATED AXLE SHAFT STUD. WHEEL FLG	16		572239C91	4.44-1 RATIO	
	144423H		16 16		572240C91	4.78-1 RATIO	
	895478R2	NUT, HEX LK 5/8NF GASKET, AXLE SHAFT FLG	2		572241C91	5.37-1 RATIO	
63	090470112	HOUSING AXLE			572241C91	6.14-1 RATIO	
00	595573C1	HEND® SUSP	1		572243C91	6.57-1 RATIO	
	33337301	INTL SUSP	i.		572244C91	7.17-1 RATIO	
	E0EE7401	4-SPG AND REYCO <sup>®</sup>	1		572245C91	8.17-1 RATIO	
	595574C1 595575C1	AIR	1		572245091	NO-SPIN™	
	39337301	PLUG	I			NO-SPIN™ DIFF. REPL	ACES
	586049C1	MAGNETIC DRAIN	1			ITEMS 54 THRU 58	1020
	586048C1	TEMP SENDER HOLE	1			1121013 54 11110 56	
		BREATHER, AXLE HSG VENT				// SEE DIFF. CASE LISTIN	
	968936R91	1/8 IN.	1			WHEN CHANGING RAT	
	91916R91	3/8 IN.	1			WHEN CHANGING RAI	103
64	474517C2	GASKET, ELIMINATOR 50CC TUBE	1			# CASE, DIFF. W/BOLTS	
66		COVER, AXLE HSG REAR	1		493204C91	3.73 THRU 4.44-1 RA	
		NOT SERVICED			493205C91	4.78 THRU 8.17-1 RA	-
67		NOT USED			455205051	& GEAR SET, DIFF. SIDE	
68		NOT USED			493196C91	2 IN. X 16 SPLINES	
69	474517C2	GASKET, ELIMINATOR 50CC TUBE			433130031	PRE-AUTOMATED A	
70	227334R2	SHAFT, OUTPUT	1		585705C91	2 IN. X 39 SPLINES	
71	210 660/33P1	/ BEARING, OUTPUT SHAFT	<u>1</u> 1		303103031	AUTOMATED AXLE	SHAFT
72 73	660433R1 332678C2		1		402400004		
74	25709R1	WASHER, FL 3/8 IN.	4		493199C91	▲ GEAR SET, INTER AXL	
75	20100111	SPACER, BRG	+		493197C91	@ KIT, INTER AXLE DIFF.	W/COVER
	344639C1	.185 IN. THK	AR		RA192FBR	/ BRG AND SEAL KIT	
	344643C1	.189 IN. THK	AR		1651261C91	► KIT, INTER AXLE DIFF.	
	344649C1	.195 IN. THK	AR		1696994C91	BOLT KIT	
	344655C1	.201 IN. THK	AR				
	344661C1	.207 IN. THK	AR				
	366347C1	.213 IN. THK	AR				
	366350C1	.219 IN. THK	AR				
76	344618C21	RETAINER, W/CUPS REAR	1				
		INPUT GEAR BRG					
	24840R1	BOLT, BRG RET	5				
77	388355C1	NUT, INUT GEAR BRG RET	1				

#### **INTERNATIONAL**<sup>®</sup> RA351 REAR - REAR AXLE



### **INTERNATIONAL**<sup>®</sup> RA351 REAR - REAR AXLE

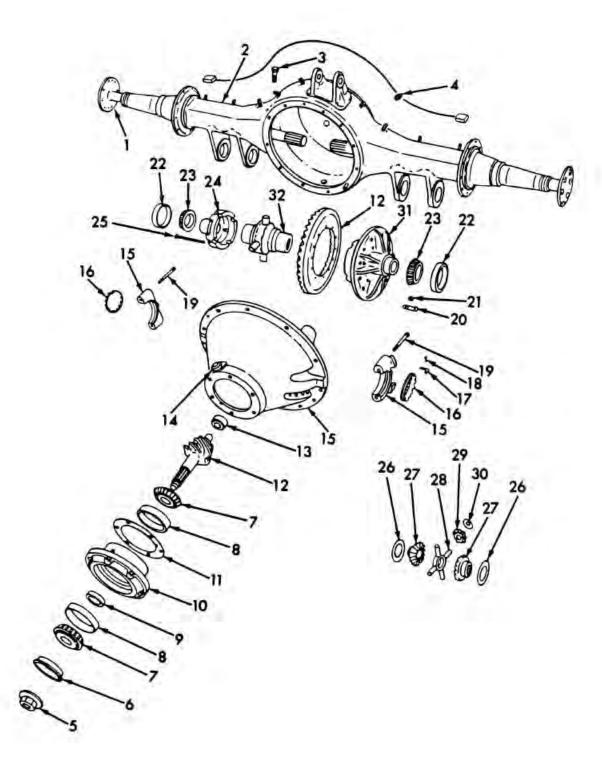
IEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
		AXLE, REAR REAR			25712R1	WASHER, DIFF. BRG CAP BOLT	4
		INTL/DANA <sup>®</sup> G340S, J340S, J380S		24	47820	BEARING, DIFF. CUP	2
		34000/38000 LB. SGL-RED		25	47890	BEARING, DIFF. CONE	2
				26	864358R2	# CASE, DIFF. PL HALF	1
1		SHAFT, AXLE 2 IN. X		27		# BOLT, DIFF. CASE	
	109389R1	16 SPLINES PRE-AUTOMATED AXLE SHFT	2		1691256C1	3.73 THRU 4.44-1 RATIO	8
		39 SPLINES			1691255C1	4.78 THRU 8.17-1 RATIO	8
		AUTOMATED AXLE SHAFT		28	157494R1	& WASHER, SIDE GEAR THRUST	2
	2502179C1	NOTOWINTED THEE OFFICE	2	29	161027R2 571357C1	& GEAR, DIFF. SIDE - 16 SPL. 39 SPL.	2
	1649262C1		2	30	864356R2	& SPIDER, DIFF.	1
		STUD, WHEEL FLG	16	31	864357R2	& GEAR, DIFF. PINION	4
	895478R2	GASKET, AXLE SHFT FLG TO HUB	2	32	864360R1	& WASHER, PINION THRUST	4
	144423H	NUT, HEX LK 5/8NF	16	33		# CASE, DIFF. FLG HALF	1
2		HOUSING, AXLE SPICER <sup>®</sup>			505756C1	3.73 THRU 4.44-1 RATIOS	1
	595577C1	HEND <sup>®</sup> SUSP	1	l	505757C1	4.78 THRU 8.17-1 RATIOS	1
		INTL <sup>®</sup> SUSP		34	27293R1	# NUT, DIFF. CASE BOLT, HEX	8
	595578C1	4-SPG AND REYCO <sup>®</sup>	1			9/16NF	
	595579C1	AIR	1	35	157490R1	RIVET, RING GEAR TO DIFF.	12
	595601C1	HEND <sup>®</sup> SUSP	1	- 26			
		INTL SUSP		36		NOT USED DIFFERENTIAL NO-SPIN™ LINIT	1
	1697109C1	4-SPG AND REYCO <sup>®</sup>	1	31		DIFFERENTIAL, NO-SPIN™ UNIT 2 IN. X 39 SPLINES	1
	1686123C1	AIR	1			COMMON WHEEL END	
3	91916R91	BREATHER, AXLE HSG VENT	1			NOTE: ITEM 37 REPLACES	
4	586049C1	PLUG, MAGNETIC DRAIN	1			ITEMS 28 THRU 32 WHEN	
5	1696474C1	NUT, COMPANION FLG HEX LK	1			NO-SPIN <sup>™</sup> DIFF. IS USED.	
		1-3/4NF					
	390362R1	WASHER, PINION SHAFT	1			DIFFERENTIAL, STD 2 IN. X 16 SPLINES	
7	710008	SEAL, PINION OIL	1			PRE-AUTOMATED AXLE SHFT	
8		NOT USED			482866C91	3.73-1 RATIO	
9	72225C	BEARING, CONE PINION	2		493850C91	3.91-1 RATIO	
10	72487	BEARING, CUP PINION	2		482867C91	4.10-1 RATIO	
11		SPACER, PINION BRG			482868C91	4.44-1 RATIO	
	360453C1	.718 IN. THK	AR		482869C91	4.78-1 RATIO	
	360457C1	.722 IN. THK	AR		482870C91	5.37-1 RATIO	
	360461C1	.726 IN. THK	AR		482871C91	6.14-1 RATIO	
	360465C1	.730 IN. THK	AR		482872C91	6.57-1 RATIO	
	360469C1	.734 IN. THK	AR		482873C91	7.17-1 RATIO	
	393975C1 393979C1	.738 IN. THK .742 IN. THK	AR AR		482874C91	8.17-1 RATIO	
12	454719C91	CAGE, W/CUPS, PINION BRG	<u> </u>			DIFFERENTIAL, STD 2 IN. X 39 SPLINES	
12	1691152C1	BOLT, CAGE TO CARR.	6			AUTOMATED AXLE SHFT	
13	100110201	SHIM, PINION BRG CAGE			1651342C91	3.54-1 RATIO	
-	896612R1	.005 IN. THK	AR		571926C91	3.73-1 RATIO	
	157566R1	.010 IN. THK	AR		571927C91	9.91-1 RATIO	
	157567R1	.030 IN. THK	AR		571928C91	4.10-1 RATIO	
14		// GEAR SET, RING AND PINION			571929C91	4.44-1 RATIO	
	597237C91	3.73-1 RATIO	1		571930C91	4.78-1 RATIO	
	597238C91	3.91-1 RATIO	1		571931C91	5.37-1 RATIO	
	597239C91	4.10-1 RATIO	1		571932C91	6.14-1 RATIO	
	597240C91	4.44-1 RATIO	1		571933C91	6.57-1 RATIO	
	597241C91 597242C91	4.78-1 RATIO 5.37-1 RATIO	1		571934C91 571935C91	7.17-1 RATIO 8.17-1 RATIO	
	597243C91	6.14-1 RATIO	1		511555631		
	597244C91	6.57-1 RATIO	·			// SEE DIFF. CASE LISTING	
	597245C91	7.17-1 RATIO					
	597246C91	8.17-1 RATIO			402204004	# CASE, DIFF. W/BOLTS	
5	MU1307TM	BEARING, PINION PILOT	1		493204C91	# 3.73 THRU 4.44-1 RATIO	
		ROLLER			493205C91	# 4.78 THRU 8.17-1 RATIO	
16	586045C1	PLUG, PIPE SQ-HD 3/4			493196C91	& GEAR SET, DIFF. SIDE AND	
17	161019R93	CARRIER, W/CAPS, DIFF.	1			PINION 2 IN. X	
	1691150C1	BOLT, CARR TO HSG			585705C91	& 16 SPLINES	
	5/8 R	WASHER, FL 5/8	12			PRE-AUTOMATED AXLE SHFT	
18	60209P4	GASKET, SILICONE 3 OZ. TUBE	1			& 39 SPLINES	
20 21	69208R1 157491R2	ADJUSTER, DIFF. BRG LOCK, DIFF. BRG ADJ	2				
21 22	3/16 X 1 P	PIN, COTTER 3/16 X 1	2		B 4 400		
23	24895R1	BOLT, DIFF. BRG CAP	4		RA192RBR	BRG AND SEAL KIT	



ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
		AXLE, FWD REAR		30	25821	<ul> <li>BEARING, IDLER GEAR CUP</li> </ul>	2
		INTL/DANA <sup>®</sup> G380S 38000 LB. SGL-RED		31	487524C91	GEAR, W/CUPS, IDLER SPACER, IDLER GEAR BRG	1
_1	26244R1	@ NUT, COMPANION FLG	2		227420R2 329579C2	.395 IN. THK .975 IN. THK	AR AR
2	214757R2	@ WASHER, COMPANION FLG	2		329580C2	.980 IN. THK	AR
3	415013N 26311R1	SEAL, OUTPUT SHAFT OIL     BOLT, 3/8-16UNC X 1 IN.	<u> </u>		227415R2 329581C2	.985 IN. THK .990 IN. THK	AR AR
5	415147N	▲ @SEAL, INTER DIFF. HSG OIL	1		227416R2	.995 IN. THK	AR
6	474015C1	@ HOUSING, INTER DIFF.	1		227417R2	1.000 IN. THK	AR
	583164C1	@ SCREW, 12 PT HD 1/2-13UNC X 1-1/4 IN.	8		227418R2 227419R2	1.005 IN. THK 1.010 IN. THK	AR AR
	417834C1	@ 3/8 HOLES			227414R2	1.015 IN. THK	AR
	586045C1	PLUG, PIPE SQ-SOCKET 3/4	2	<u>32</u> 33	227351R1 83799	SHAFT, IDLER GEAR NUT, PINION SHAFT	<u> </u>
7 8	310B	<ul> <li>GASKET, SILICONE 3 OZ. TUBE</li> <li>@ BEARING, INTER DIFF. FRT</li> </ul>	1	- 33	19415R1	PIN, ROLL	1
0	3100	FOR SERVICE, ORDER	'	34	487536C1	GEAR, HELICAL DR	1
		FP6310VSP69		35	72225C	▲ BEARING, PINION CONE	2
	227331R1	@ SHIM, INPUT BRG .005 IN. THK	AR	<u>36</u> 37	72487	▲ BEARING, PINION CUP SPACER, PINION BRG	2
	227332R1	.010 IN. THK	AR	57	360453C1	.718 IN. THK	AR
9	227327R1	#@ BOLT, INTER DIFF. SPIDER CASE	8		360457C1	.722 IN. THK	AR
10		#@ CASE, INTER DIFF. FRT HALF	1		360461C1 360465C1	.726 IN. THK .730 IN. THK	AR AR
	463415C91	•			360469C1	.734 IN. THK	AR
11	438420C2 612686R1	# D #@WASHER, SIDE GEAR FRT	1		393975C1 393979C1	.738 IN. THK .742 IN. THK	AR AR
11	012000K1	THRUST	'	38	83968R1	BOLT, PINION BRG CAGE	6
	W2840	● #@ BEARING, FRT SIDE GEAR THRUST	1	<u>39</u> 40	359358C11	CAGE, W/CUPS, PINION BRG SHIM, PINION BRG CAGE	1
12	417854C1	#@ GEAR, INTER DIFF. FRT SIDE	1		896612R1 157566R1 157567R1	.005 IN. THK .010 IN. THK .030 IN. THK	AR AR AR
13	436830C1	#@ SPIDER, INTER DIFF.	1	41	13/30/101	// GEAR SET, RING AND PINION	
<u>14</u> 15	436831C1 88015H	<ul> <li>#@ GEAR, INTER DIFF. PINION</li> <li>#@ WASHER, PINION GEAR THRUST</li> </ul>	4 4			INCLUDING 421913C1 CASTELLATED NUT AND	
16	441143C1	● #@ GEAR, INTER DIFF. REAR SIDE	1		597237C91 597238C91	19415R1 SLT PINION 3.73-1 RATIO 3.91-1 RATIO	1 1
17	227279R1	#@ WASHER, REAR SIDE GEAR THRUST	1		597239C91 597240C91	4.10-1 RATIO 4.44-1 RATIO	1 1
18		#@ CASE, W/BUSH., INTER DIFF. REAR HALF	1		597241C91 597242C91	4.78-1 RATIO 5.38-1 RATIO	1 1
	463404C91 438422C1	D #			597243C91	6.14-1 RATIO	1
19	243496R1	@ BUSHING, INTER DIFF. CASE	1		597244C91 597245C91	6.57-1 RATIO 7.17-1 RATIO	1
20	122SL	@ BEARING, INTER DIFF. REAR	1		597246C91	8.17-1 RATIO	1
21 22	227283R3 487526C1	RING, DIFF. CLUTCH GEAR, INPUT DR	1	42	MU1307TM	▲ BEARING, PINION PILOT	1
22	487526C1 474018C1	CASE, ADAP INTER DIFF.	1	43	474020C92 1691150C1	CARRIER, W/CAPS, DIFF. BOLT, 5/8-11UNC X 1-3/4 IN.	1 12
	583164C1	SCREW, 12 PT HD 1/2-13 UNC X 1-1/4 IN.	11	44	5/8 R 446839C1	WASHER, FL 3/8	<u>12</u> 1
	17158R1	PIN, SLT	1	44	69208R1	ADJUSTER, DIFF.	2
	20126R1 586045C1	PIN, SHIFT FORK PLUG, PIPE SQ- SOCKEET 3/4	1	46	3/16 X 1 P	PIN, COTTER 3/16 X 1 IN.	2
		DRAIN		47 48	157491R2 24895R1	LOCK, DIFF. BRG ADJ BOLT, DIFF. BRG CAP	24
24 25	L610549	<ul> <li>GASKET, SILICONE 3 OZ. TUBE</li> <li>BEARING, INPUT GEAR REAR</li> </ul>	<u>1</u> 2	49	25712R1	WASHER, DIFF. BRG CAP NOT USED	4
		CONE		50	47820	▲ BEARING, DIFF. CUP	2
<u>26</u> 27	L610510 19392R1	BEARING, INPUT GEAR REAR CUP     NUT, IDLER SHAFT STOP	2	<u>51</u> 52	47890 864358R2	@ BEARING, DIFF. CONE @@ CASE, DIFF. PL HALF	2
28	10002111	WASHER	<u> </u>	53		@ @ BOLT, DIFF. CASE	
	227271R1 214757R2	IDLER SHAFT DR PINION THRUST	1		1691256C1 1691255C1	3.73, 3.91, 4.10, 4.44-1 RATIO 4.78, 5.38, 6.14, 6.57, 7.17,	8
29	25877	▲ BEARING, IDLER GEAR CONE	2			8.17-1 RATIO	

ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
54	157494R1	& WASHER, DIFF. SIDE GEAR	2		344655C1	.201 IN. THK	AR
		THRUST			344661C1	.207 IN. THK	AR
	157563R2	20 SPLINE			366347C1	.213 IN. THK	AR
55	571354C1	& GEAR, DIFF. SIDE - 41 SPL.	2 4		366350C1	.219 IN. THK	AR
<u>56</u> 57	864360R1 864357R2	& WASHER, DIFF. THRUST & GEAR, DIFF. PINION	4 4	76	344618C21	RETAINER, W/CUPS, REAR	1
58	864356R2	& SPIDER, DIFF. PINION	1	10	344010021	INPUT GEAR BRG	I
59	001000112	@@ CASE. DIFF. FLG HALF	•		24840R1	BOLT, BRG RET	5
	505756C1	3.73 THRU 4.44-1 RATIO	1	77	388355C1	NUT, GEAR BRG RET	1
	505757C1	4.78 THRU 8.17-1 RATIO	1			DIFFERENTIAL, STD	
60	157490R1	RIVET, RING GEAR TO DIFF.CASE	12			2-1/8 IN. X 20 SPLINES	
61	27293R1	@ @ NUT, DIFF. CASE BOLT	8			PRE-COMMON WHEEL END	
62		SHAFT, AXLE 2-1/8 IN. X	_		468091C97	3.73-1 RATIO	
	157518R2	20 SPLINES	2		493853C92	3.91-1 RATIO	
	571350C2	PRE-COMMON WHEEL END 41 SPLINES	2		468092C97 468093C97	4.10-1 RATIO 4.44-1 RATIO	
	57155002	COMMON WHEEL END	Z		468094C97	4.78-1 RATIO 4.78-1 RATIO	
		STUD, WHEEL FLG	16		468095C97	5.37-1 RATIO	
		0100, 11122120	10		468096C97	6.14-1 RATIO	
	9412368	NUT, HEX LK 3/4-16UNF	16		468097C97	6.57-1 RATIO	
		GASKET, AXLE SHAFT			468098C97	7.17-1 RATIO	
	895493R2	EXC CODE 844004	2		468099C97	8.17-1 RATIO	
	56152R2	FOR CODE 844004	2			DIFFERENTIAL, STD	
63		HOUSING, AXLE				2-1/8 IN. X 41 SPLINES	
		PRE-COMMON WHEEL END				COMMON WHEEL END	
		HEND <sup>®</sup> SUSP			572261C91 572262C91	3.73-1 RATIO	
	334052C5	W/O TTR-BRKT	1		572263C91	3.91-1 RATIO 4.10-1 RATIO	
		FOR SERVICE ORDER			572264C91	4.44-1 RATIO	
		1-1651833C1			572265C91	4.78-1 RATIO	
	1651833C1	2-FP594A W/TTR-BRKT	1		572266C91	5.37-1 RATIO	
	100100001	INTL SUSP	1		572267C91	6.14-1 RATIO	
	1651835C1	4-SPG	1		572268C91	6.57-1 RATIO	
	497874C2	AIR	1		572269C91	7.17-1 RATIO	
		COMMON WHEEL END			572270C91	8.17-1 RATIO	
	595593C1	HEND <sup>®</sup> SUSP	1				
		INTL <sup>®</sup> SUSP				// SEE DIFF. CASE LISTING WHEN CHANGING RATIOS	
	1686122C1	4-SPG AND REYCO <sup>®</sup>	1			@@ CASE, DIFF. W/BOLTS	
	1697105C1	AIR	-		493204C91	3.73 THRU 4.44-1 RATIO	
		PLUG			493205C91	4.78 THRU 8.17-1 RATIO	
	586045C1	PIPE SQ-SOCKET 3/4 DRAIN	2		493197C91	& GEAR SET, DIFF. SIDE AND	
		AND FILLER				PINION 2-1/8 IN. X	
	586048C1	TEMP SEND HOLE	1			20 SPLINES	
	586049C1		1			PRE-COMMON WHEEL END	
	91916R91 FP594A	BREATHER BEARING	1 2		585706C91	& 41 SPLINES	
	595622C2	BRACKET, TORQUE ROD	2 1		1651260004		
64	446839C1	GASKET, SILICONE 4.7 OZ. TUBE	1		1651260C91	@ KIT, INTER DIFF. HSG CASE AND GEARS	
65		NOT USED			578499C91	# KIT, INTER DIFF. CASE AND	
66		NOT USED				PINION GEARS	
67		NOT USED			493199C91	KIT, INTER DIFF. PINION AND	
68		NOT USED				SIDE GEARS	
69	00700450	GASKET, SILICONE 3 OZ. TUBE	1		RA192FBR	<ul> <li>BRG &amp; SEAL KIT</li> </ul>	
	227334R2	SHAFT, OUTPUT	1		1696994C91	BOLT KIT	
	210	<ul> <li>BEARING, OUTPUT SHAFT</li> </ul>	1				
72	660433R1	<ul> <li>RING, SNAP, OUTPUT SHAFT BRG</li> </ul>	1				
73	332678C2	RETAINER, OUTPUT SHAFT BRG	1				
74	25709R1	WASHER, FL 3/8	4				
75		SPACER, REAR INPUT GEAR					
	24400004	BRG	A D				
	344639C1	.185 IN. THK	AR				
	344643C1 344649C1	.189 IN. THK .195 IN. THK	AR AR				
	04404301	.130 IN. 11/1					

#### **INTERNATIONAL**<sup>®</sup> RA355/472 REAR - REAR AXLE

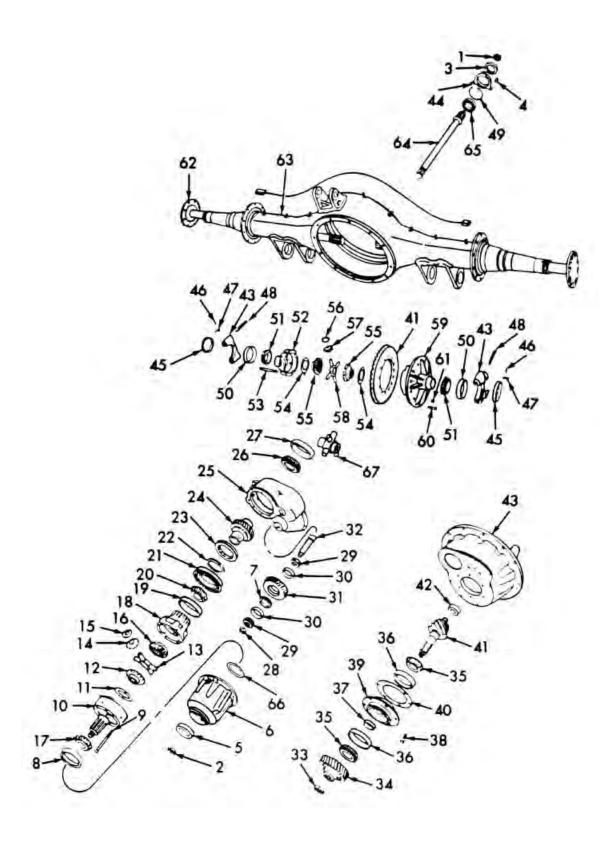


#### INTERNATIONAL<sup>®</sup> RA355 REAR - REAR AXLE

ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
		AXLE, REAR REAR				EXC LOW PROFILE SUSP	
		INTL/DANA <sup>®</sup> G380S, J400S		2	1686123C1	W/O ABS SENSOR	1
		38/40000 LB. SGL-RED			1686123C1	W/ABS SENSOR	1
					2021633C1	FOR LOW PROFILE SUSP	1
1		SHAFT, AXLE	_			ORDER 595602C1	
	157518R2	2-1/8 IN. X 20 SPLINES	2			HSG AND 1672183C1 TTR-BRKT	
		PRE-COMMON WHEEL END					
		2-1/8 IN. X 41 SPLINES COMMON WHEEL END				NEWAY <sup>®</sup> AIR SUSP	
	571350C2	W/O CODE 844004	2		596820C91	12.8 TTR-BRKT W/O TAB REMOVED FROM	1
	1615350C1	W/CODE 844004	2		590620091	FRONT HANGER BRKT	1
	101000001	STUD, WHEEL FLG	16		1668755C2	W/TAB REMOVED FROM	1
		0.02,			1000/0002	BEAM HANGER BRKT	1
		NUT, AXLE SHAFT FLG				ORDER 1682914C1 HSG	
	144423H	5/8-18UNF	AR			AND 595622C2 TTR-BRKT	
	9412368	3/4-16UNF	AR		595603C1	13.3 TTR-BRKT	1
	54700R1	DOWEL, AXLE SHAFT FLG	16		1697109C1	REYCO <sup>®</sup> 101, 101A, 102, 102W	1
		W/CODE 844004			100110001	SUSP	
		GASKET, AXLE SHAFT FLG				RIDEWELL <sup>®</sup> SUSP W/12.8 HI	1
	895493R2	W/O CODE 844004	2			TTR-BRKT	1
	56152R2	W/CODE 844004	2			PLUG, PATCH THD	
2		HOUSING, AXLE			586048C1	1/2-14NPTF	1
		PRE-COMMON WHEEL END			586045C1	3/4-14NPTF	1
		HEND® SUSP	1		FP594A	BEARING, HSG AXLE	2
		REORDER 1-165183RC1			595622C2	BRACKET, TORQUE ROD	1
	405400404	AND 2-ST2057		3	91916R91	BREATHER, AXLE HSG VENT	1
	1651834C1	HEND® SUSP W/TTR-BRKT	1	4	586049C1	PLUG, PIPE MAGNETIC DRAIN	1
	487590C3	INTL 4-SPG SUSP	1 1	5		NUT, PINION SHAFT	
		INTL AIR SUSP REORDER 487590C2	I		1696474C1	W/O 1480 YOKE	1
		AND 501687C1			501146C1	W/1480 YOKE	AR
		COMMON WHEEL END			390362R1	WASHER, PINION SHAFT	AR
		HEND® SUSP		6	710008	@ SEAL, PINION OIL	1
		EXC AIR SUSP OR		<u>7</u> 8	72225C 72487	BEARING, PINION CONE     BEARING, PINION CUP	2
		RT441 SUSP			12401	SPACER, PINION BRG	2
		W/O 2-BOLT TTR-BRKT		5	360463C1	.718 IN. THK	AR
	595601C1	W/O 12.8 HI OR 15.5 HI	1		360457C1	.722 IN. THK	AR
		TTR-BRKT			360461C1	.726 IN. THK	AR
	595607C1	W/12.8 HI TTR-BRKT	1		360465C1	.730 IN. THK	AR
	595606C2	W/15.5 HI TTR-BRKT	1		360469C1	.734 IN. THK	AR
		W/2-BOLT TTR-BRKT			393975C1	.738 IN. THK	AR
		W/O 2-BOLT BEAM			393979C1	.742 IN. THK	AR
	400005004		4	10	454719C91	CAGE, W/CUPS, PINION BRG	1
	1663956C1		1		83968R1	BOLT, CAGE TO CARR	6
	1668715C1	W/12.8 HI TTR-BRKT W/2-BOLT BEAM	1			9/16-12 X 1-1/2 IN.	
		HANGER BRKT		11	00004004	SHIM, PINION BRG CAGE	
		W/O 12.8 HI TTR-BRKT			896612R1	.005 IN. THK	AR
	1697465C1	W/O SENSOR BLOCKS	1		157566R1 157567R1	.010 IN. THK .030 IN. THK	AR AR
	1697465C1	W/SENSOR BLOCKS	1	12	15/50/11	// GEAR SET, RING AND PINION	АК
	1683726C1	W/12.8 HI TTR-BRKT	1			INCLUDES 57881C1	
	1686123C1	FOR AIR SUSP	1			LK NUT	
	1647670C1	FOR RT441 SUSP	1			390362R1 WASHER,	
		INTL SUSP				580449C91 SEALANT KIT	
		4-SPG			597236C91	3.54-1 RATIO	1
	1697109C1	W/O LOW MTD SUSP	1		597237C91	3.73-1 RATIO	1
		AND 40.75 IN.			597238C91	3.91-1 RATIO	1
		SPG CTR			597240C91	4.44-1 RATIO	1
	1652756C1	W/LOW MTD SUSP	1		597241C91	4.78-1 RATIO	1
		AND 40.75 IN.			1698173C91	5.11-1 RATIO	1
		SPG CTR			597242C91	5.38-1 RATIO	1
		AIR SUSP			597243C91	6.14-1 RATIO	1

### INTERNATIONAL<sup>®</sup> RA355 REAR - REAR AXLE

ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
	597244C91 597245C91	6.51-1 RATIO 7.17-1 RATIO	1		571916C91 571917C91	4.44-1 RATIO 4.78-1 RATIO	
13 14	MU1307TM 586045C1	@ BEARING, PINION PILOT PLUG, PIPE SQ-SOC 3/4 IN.	<u> </u>	32	1698172C91 571918C91	5.11-1 RATIO 5.38-1 RATIO	
15	16109R93	FILLER CARRIER, W/CAPS DIFF.	1		571919C91 571920C91	6.14-1 RATIO 6.57-1 RATIO	
	1691150C1 5/8 R	BOLT, CARR. TO HSG WASHER12 GASKET, SILICONE	12		571921C91	7.17-1 RATIO NO-SPIN™ PRE-COMMON WHEEL END	
	554204C1 446839C1	@ 3 OZ. TUBE 4.7 OZ. TUBE	1		484129C92	2-1/8 IN. X 20 SPLINES 3.73-1 RATIO	
16	69208R1	ADJUSTER, DIFF. BRG	2		494632C92	3.91-1 RATIO	
17	157491R2	LOCK, DIFF. BRG ADJ	2		484130C92	4.10-1 RATIO	
18	3/16 X 1 P	PIN, COTTER 3/16 X 1 IN.	2		484131C92	4.44-1 RATIO	
19	24895R1	BOLT, DIFF. BRG CAP	4		484132C92	4.78-1 RATIO	
		2/4 40 X 4 4/5 IN			484133C92	5.38-1 RATIO 6.14-1 RATIO	
	25712R1	3/4-10 X 4-1/5 IN. WASHER, 3/4 IN. DIFF. BRG	4		991132C91 484135C92	6.57-1 RATIO 6.57	
	2071211	CAP BOLT	4		484136C92	7.17-1 RATIO	
20	157490R1	<ul> <li>RIVET, RING GEAR TO DIFF.</li> </ul>	12		404130032	COMMON WHEEL END	
20		CASE				2-1/8IN. X 41 SPLINES	
21	27293R1	# NUT, DIFF. CASE BOLT	8				
22	47820	@ BEARING, DIFF. CUP	2			NOTE: ORDER STD DIFF.	
23	47890	@ BEARING, DIFF. CONE	2			AND ITEM 32	
 25	864358R2	# CASE, DIFF. PL HALF # BOLT, DIFF. CASE	1			// SEE DIFF. CASE LISTING WHEN	
25	1691257C1	# BOLI, DIFF. CASE 3.54-1 RATIO	1			CHANGING RATIOS	
	1691256C1	3.73 THRU 4.44-1 RATIO	1				
	1691255C1	4.78 THRU 8.17-1 RATIO	1			# CASE, W/BOLTS AND NUTS,	
26	157494R1	▲ WASHER, SIDE GEAR THRUST	2			DIFF.	
27	571354C1	▲ GEAR, DIFF. SIDE - 41 SPL.	2		586702C91	3.54-1 RATIO	
	157563R1	20 SPLINE	-		493204C91	3.73 THRU 4.44-1 RATIO	
28	864356R2	▲ SPIDER, DIFF.	1		493205C91	4.78 THRU 8.17-1 RATIO	
29	864357R2	▲ GEAR, DIFF. PINION	4		493197C91	<ul> <li>GEAR SET, DIFF. SIDE AND PINIO</li> <li>A 4/2 IN X 22 OPI INFO</li> </ul>	<b>N</b>
30	864360R1	▲ WASHER, PINION THRUST	4			2-1/8 IN. X 20 SPLINES PRE-COMMON WHEEL END	
31		# CASE, DIFF. FLG HALF			585706C91	▲ 2-1/8 IN. X 41 SPLINES	
	584281C1	3.54-1 RATIO	1		303700031	COMMON WHEEL END	
	505756C1	3.73-1 RATIO	1		RA192RBR	@ BRG AND SEAL KIT	
	505757C1	4.78 THRU 7.17-1 RATIO	1		1696994C91	BOLT KIT	
32		DIFFERENTIAL, NO SPIN™ NOTE: ITEM 32 REPLACES ITEMS 26 THRU 30 WHEN NO-SPIN™ DIFF. IS USED.					
	991126C91 991127C91 991128C91 991129C91	DIFFERENTIAL, STD PRE-COMMON WHEEL END 2-1/8 IN. X 20 SPLINES 3.73-1 RATIO 3.91-1 RATIO 4.10-1 RATIO 4.44-1 RATIO					
	991130C91	4.78-1 RATIO					
	991131C91	5.38-1 RATIO					
	991132C91	6.14-1 RATIO					
	991133C91	6.57-1 RATIO					
	991134C91						
		COMMON WHEEL END 2-1/8 IN. X 41 SPLINES					
	584289C91	3.54-1 RATIO					
	571913C91	3.73-1 RATIO					
	571914C91	3.91-1 RATIO					
	571915C91	4.10-1 RATIO					



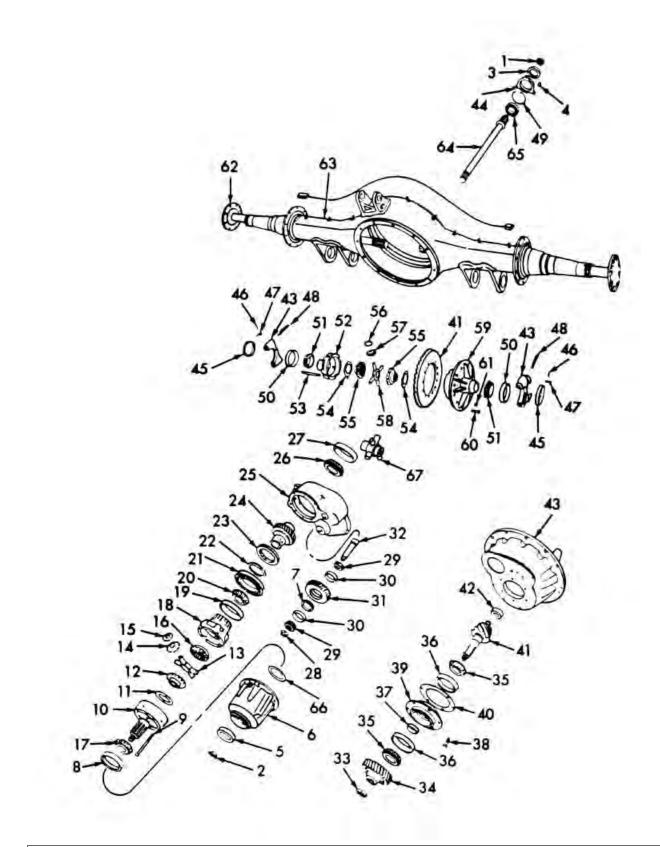
ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
		AXLE, FWD REAR		10	463415C91	▶ / CASE, INTERAXLE DIFF. FRT	1
		INTL/DANA® J340S, J380S, 、 34/38/40000 LB. SGL-RED	J440S	11	W4860	/@& BEARING, FRT SIDE GEAR THRUST	1
1	1696473C1	NUT, COMPANION FLG OUTPU	T 1	12	463414C1	/& GEAR, INTERAXLE DIFF FRT SIDE	1
2		NUT, COMPANION FLG INPUT		13	463412C1	/& SPIDER, INTERAXLE DIFF.	1
	440302C1 1696474C1	PRIOR TO 7/1/93 / 7/1/93 AND LATER	1 1	14	463419C1	/& GEAR, INTERAXLE DIFF. PINION	4
3	415013N	SEAL, OUTPUT SHAFT OIL PRIOR TO 7/15/91	1	15	463413C1	/& WASHER, TRANSAXLE DIFF. PINION GEAR THRUST	4
	1691147C2	7/15/91 AND LATER	1	16	463402C1	/& GEAR, INTERAXLE DIFF.	1
4	26310R1 25709R1	BOLT, RET TO HSG WASHER, FL 3/8 IN.	4 4	17	JLM710949	REAR SIDE @ CONE, INTERAXLE DIFF. FRT BI	RG 1
5	415281N	<ul> <li>@ SEAL, INTERAXLE DIFF. HSG OIL</li> </ul>	1		ULWN 10040	FOR SERVICE, ORDER JLM710949	
6		HOUSING, INTERAXLE DIFF.		18	463404C91	▶ / CASE, INTERAXLE DIFF. REAR	1
	481119C2	PRIOR TO 7/1/93 ORDER 1695386C1 HSG	1	19	28921	@ CUP, INTERAXLE DIFF. REAR CASE BRG	1
	1695386C1	AND 1695385C91 BRG 7/1/93 AND LATER	1	20	28985	@ CONE, INTERAXLE DIFF. REAR CASE BRG	1
		SCREW, 12 PT-HD 1/2-13UNC X		21	XLS5-1/8A	@ BEARING, INTERAXLE DIFF. REAR BALL	1
	583164C1 583165C1	1-1/4 IN. 2 IN.	6 1	22	495024C1	RING, INTERAXLE DIFF. REAR BRG RET	1
	554204C1	SEALANT, SILICONE, 3 OZ. TU	BE 1	23	463430C2	COLLAR, SHIFT CLUTCH	1
		PLUG, INTERAXLE DIFF. HSG		24	481108C1	GEAR, DIFF. INPUT	1
		DRAIN 7/1/93 AND LATER		25	592535C1	CASE, INTERAXLE DIFF. SCREW, 12 PT-HD	1
	586045C1	W/O CODE 14WLD	1			1/2-13UNC X	
	2035620C1	W/CODE 14WLD	11		583164C1	1-1/4 IN.	5
7					583166C1	2-1/4 IN.	6
/		SPACER, IDLER GEAR BRG OLD DESIGN			50004504	PLUG, DRAIN	
	463423C2	1.277 IN. THK	AR		586045C1	W/O CODE 14WLD	1 1
	463424C2	1.282 IN. THK	AR		2035620C1 554204C1	W/CODE 14WLD SEALANT, SILICONE 3 OZ. TUBE	
	463425C2	1.287 IN. THK	AR		592534C92	CYLINDER, DIFF. SHIFT LK	1
	463426C2	1.292 IN. THK	AR		378066R1	RING, SNAP	1
	463427C2	1.297 IN. THK	AR		584278C1	SPRING, COMPRESSION	1
	463428C2	1.302 IN. THK	AR	26	JLM710949	@ CONE, INPUT GEAR BRG	1
	463429C2	1.307 IN. THK	AR			FOR SERVICE, ORDER	
	497865C1	1.312 IN. THK	AR			JLM710949	
	497866C1	1.312 IN. THK	AR	27	JLM710910	@ CUP, INPUT GEAR BRG	1
		NEW DESIGN				FOR SERVICE, ORDER	
	1654953C1	1.632 IN. THK	AR			JLM710910	
	1654954C1	1.637 IN. THK	AR	28	1696472C1	NUT, IDLER GEAR SHAFT STOP	1
	1654955C1	1.642 IN. THK	AR	29		CONE, IDLER GEAR BRG	
	1654956C1	1.647 IN. THK	AR		3877	@ OLD DESIGN	2
	1654957C1	1.652 IN. THK	AR		M802048	@ NEW DESIGN	2
	1654958C1	1.657 IN. THK	AR	30		CUP, IDLER GEAR BRG	
	1654959C1	1.662 IN. THK	AR		3820	@ OLD DESIGN	2
	1654960C1	1.665 IN. THK	AR		M802011	@ NEW DESIGN	2
8	JLM710910	@ CUP, INTERAXLE DIFF. FRT BR FOR SERVICE, ORDER	G 1	31	481107C91 1654949C91	GEAR IDLER LARGE BEARING (3.75") SMALL BEARING (3.25")	1
		JLM710910		32	463420C2	SHAFT, IDLER GEAR	1
9	27857R1	SCREW, 12 PT HD 1/2NC X	8	$\frac{32}{33}$	83799	NUT, PINION SHAFT	1
÷		2-3/4 IN. PRIOR TO 7/1/93	č			CASTELLATED	
					19415R1	PIN, SLT	1
		I RIVET, INTERAXLE DIFF. CASE	8	34	483442C1	GEAR, PINION SHAFT DRIVEN	1

ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
<u>36</u> 37	72487	CUP, PINION BRG SPACER, PINION BRG	2	56	864360R1	<ul> <li>WASHER, DIFF. PINION GEAR THRUST</li> </ul>	4
	360453C1	.718 IN. THK	AR	57	864357R2	<ul> <li>GEAR, DIFF. PINION</li> </ul>	4
	360457C1	.722 IN. THK	AR	58	864356R2	<ul> <li>SPIDER, DIFF.</li> </ul>	1
	360461C1	.726 IN. THK	AR	59		# CASE, DIFF. FLG HALF	
	360465C1	.730 IN. THK .734 IN. THK	AR		584281C1	3.54-1 RATIO	1
	360469C1 393975C1	.734 IN. THK .738 IN. THK	AR AR		505756C1	3.73 THRU 4.44-1 RATIO	1
	393979C1	.742 IN. THK	AR		505757C1	4.78 THRU 8.17-1 RATIO	1
38	1691152C1	BOLT, PINION BRG CAGE	8	60	157490R1	&& RIVET, RING GEAR TO DIFF.	12
39	482787C91	CAGE, PINION BRG, W/CUPS	1		0700004		
40		SHIM, PINION BRG CAGE		61	27293R1	# NUT, DIFF. CASE BOLT	8
	463435C2	.003 IN. THK	AR	62	157518R2	SHAFT, AXLE PRE-COMMON WHEEL END	2
	463436C2	.005 IN. THK	AR		15/51062	2-1/8 IN. X 20 SPLINE	2
41		// GEAR SET, RING AND PINION INCLUDES ETN0083799 CASTELLATED NUT AND				COMMON WHEEL END CODE 14472	
		19415R1 SLT PIN				2-1/8 IN. X 41 SPLINE	
	597236C91	3.54-1 RATIO	1		571350C2	W/O CODE 844004	2
	597237C91	3.73-1 RATIO	1		1615350C1	W/CODE 844004	2
	597238C91	3.91-1 RATIO	1		2502179C1	CODE 14475	2
	597239C91	4.10-1 RATIO	1		1649262C1	2 IN. X 39 SPLINE CODE 14476	2
	597240C91	4.44-1 RATIO	1		104920201	2 IN. X 39 SPLINE	2
	597241C91	4.78-1 RATIO	1			STUD, WHEEL FLG	16
	1694169C91	5.11-1 RATIO	1			STOD, WHELET LO	10
	597242C91	5.37-1 RATIO	1			NUT, HEX NY-LOCK <sup>®</sup>	
	597243C91	6.14-1 RATIO	1		9412368	EXC CODE 844004	16
	597244C91	6.57-1 RATIO	1		0112000	3/4-16UNF	
	597245C91 597246C91	7.17-1 RATIO 8.17-1 RATIO	1		144423H	FOR CODE 844004	16
	597240091	BOLT, RING GEAR TO DIFF. CAS				5/8-18UNF	
42	MU1307TM	@ BEARING, PINION PILOT	1			GASKET, AXLE SHAFT FLG	
43	464253C92	CARRIER, DIFF. W/CAPS	1		895493R2	EXC CODE 844004	2
	1691150C1	BOLT, CARR TO HSG	12		56152R2	FOR CODE 844004	2
	5/8 R	WASHER, LK 5/8 IN.	12				
		GASKET, ELIMINATOR		63		HOUSING, AXLE CODE 14472	
	1693855C1	6 ML	1			HEND® SUSP	
	1693856C1	50 ML1				EXC AIR SUSP	
44	481811C1	CAGE, OUTPUT SHAFT BRG	1			W/O 2-BOLT TTR-BRKT	
<u>45</u> 46	69208R1 3/16 X 1 P	ADJUSTER, DIFF. PIN, COTTER 3/16 X 1 IN.	2		595593C1	W/O 12.8, 15.5 HI TTR-BRKT	Г 1
40	157491R2	LOCK, DIFF. BRG ADJ	2		595599C1	W/12.8 HI TTR-BRKT	1
48	24895R1	BOLT, DIFF. BRG CAP	4		595598C2	W/15.5 HI TTR-BRKT	1
	25712R1	WASHER, DIFF. BRG CAP BOLT	4			RE-ORDER 595593C1	
49	660433R1	RING, OUTPUT SHAFT BRG SNAP	1			HSG AND 591407C4 TTR-BRKT	
50	47820	@ CUP, DIFF. BRG	2			W/2-BOLT TTR-BRKT W/O 2-BOLT BEAM	
51	47890	@ CONE, DIFF. BRG	2			HANGER BRKT	
52	864358R2	# CASE, DIFF. PL HALF # BOLT. DIFF. CASE	1		1663955C1	W/O 12.8 HI TTR-BRKT	1
53	1691257C1	# BOLT, DIFF. CASE 3.54-1 RATIO	8		1668714C1	W/12.8 HI TTR-BRKT	1
	1691256C1	3.73 THRU 4.44-1 RATIO	о 8			W/2-BOLT BEAM	
	1691255C1	4.78 THRU 8.17-1 RATIO	8			HANGER BRKT	
54	157494R1	▲ WASHER, DIFF. SIDE GEAR	2		1683723C1	W/O 12.8 HI TTR-BRKT	1
		THRUST	2		1683725C1	W/12.8 HI TTR-BRKT	1
55		▲ GEAR, DIFF. SIDE	2		1697105C1	FOR AIR SUSP	1
	157563R2	20 SPLINE	~			INTL <sup>®</sup> SUSP	
	571354C1	41 SPLINE				4-SPG	
	571357C1	39 SPLINE				EXC LOW PROFILE	
						SUSP	

ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
63	1686122C1	W/O ABS/ATC	1	64	464238C2	SHAFT, OUTPUT	1
	1686122C1	W/ABS/ATC	1	65	210	@ BEARING, OUTPUT SHAFT	1
				66		SHIM, INTERAXLE DIFF. BRG	
	1652755C1	FOR LOW PROFILE SUSP	1		496276C1	.026 IN. THK .033 IN. THK	AR AR
		AIR			496277C1 482040C1	.040 IN. THK	AR
					482041C1	.047 IN. THK	AR
	1697105C1	EXC LOW PROFILE SUSP	1		482042C1	.054 IN. THK	AR
	2021632C1	FOR LOW PROFILE SUSP	1		482043C1	.061 IN. THK	AR
		ORDER 595594C1			482044C1	.068 IN. THK	AR
		HSG AND 1672183C1 BRKT		67	482045C1	.075 IN. THK DIFFERENTIAL, NO-SPIN™	<u>AR</u>
		NEWAY <sup>®</sup> AIR SUSP EXC LOW PROFILE SUSP		07			1
	596819C91	12.8 HI TTR-BRKT	1			NOTE: ITEM 67 REPLACES ITEMS 54 THRU 58 WHEN	
	595595C1	13.3 HI TTR-BRKT	1			NO-SPIN™ DIFF. IS USED.	
	1668754C2	FOR LOW PROFILE SUSP	1			DIFFERENTIAL. STD	
		ORDER 1682913C1 HSG				CODE 14472	
		AND 595622C2 BRKT				PRE-COMMON WHEEL END	
	400040004	REYCO <sup>®</sup> 101, 101A, 102, 102W S	SUSP			2-1/8 IN. X 20 SPLINE	
	1686122C1 1686122C1	W/O ABS/ATC W/ABS/ATC	1		991202C91	3.73-1 RATIO	
	100012201	RIDEWELL <sup>®</sup> SUSP	1		991203C91	3.91-1 RATIO	
	1668714C1	W/O 2-BOLT BEAM	1		991204C91 991205C91	4.10-1 RATIO 4.44-1 RATIO	
		HANGER BRKT			991206C91	4.78-1 RATIO	
	1683725C1	W/2-BOLT BEAM HANGER BR	KT 1		991207C91	5.38-1 RATIO	
	2038767C1	CHALMERS <sup>®</sup> SUSP	1		991208C91	6.14-1 RATIO	
		CODE 14475			991209C91	6.57-1 RATIO	
	595573C1	HEND® SUSP	1		991210C91 991211C91	7.17-1 RATIO 8.17-1 RATIO	
	E0EE7404	INTL SUSP 4-SPG	4		991211091	COMMON WHEEL END	
	595574C1 595575C1	AIR	1 1			2-1/8 IN. X 41 SPLINE	
	1654197C1	NEWAY <sup>®</sup> AIR SUSP	1		1695364C91	3.54-1 RATIO	
	100410701	ORDER 1654202C1 HSG			1695365C91	3.73-1 RATIO	
		AND 595622C2 BRKT			1695366C91	3.91-1 RATIO	
	595574C1	REYCO <sup>®</sup> SUSP	1		1695367C91 1695368C91	4.10-1 RATIO 4.44-1 RATIO	
		CODE 14476			1695369C91	4.78-1 RATIO	
		HEND <sup>®</sup> SUSP			1698171C91	5.11-1 RATIO	
	595593C1	W/O 12.8, 15.5 HI TTR-BRKT	1		1695370C91	5.38-1 RATIO	
	595599C1 595598C2	W/12.8 HI TTR-BRKT W/15.5 HI TTR-BRKT	1 1		1695371C91	6.14-1 RATIO	
	39339002	RE-ORDER 595593C1	1		1695372C91 1695373C91	6.57-1 RATIO 7.17-1 RATIO	
		HSG AND 591407C4			1695373C91	8.17-1 RATIO	
		TTR-BRKT				CODES 14475, 14476	
		INTL SUSP				2 IN. X 39 SPLINE	
	1686122C1	4-SPG	1		1651282C91	3.54-1 RATIO	
	1697105C1	AIR	1		1651283C91	3.73-1 RATIO 3.91-1 RATIO	
	59595C1		1		1651284C91 1651285C91	4.10-1 RATIO	
	1686122C1	REYCO <sup>®</sup> SUSP BRACKET, TRANSVERSE TORQI	1		1651286C91	4.44-1 RATIO	
		ROD			1651287C91	4.78-1 RATIO	
	595622C2	12.8 IN.	1		1651288C91	5.38-1 RATIO	
	591407C4	15.5 IN.	1		1651289C91	6.14-1 RATIO	
	91916R91	BREATHER, AXLE HSG	1		1651290C91 1651291C91	6.57-1 RATIO 7.17-1 RATIO	
	50004504	PLUG, FILLER			1031291091	FOR NO-SPIN™ APPLICATIO	NS.
	586045C1	W/O CODE 14WLD	1			ORDER STD DIFF. AND ITEM	
	2035620C1 586049C1	W/CODE 14WLD PLUG, MAGNETIC PIPE DRAIN	1				

ITEM NO.	PART NO.	D	ESCRIPTION	QTY
		//	SEE DIFF. CASE LISTING WHEN CHANGING RATIOS	
		#	CASE, W/BOLTS AND NUTS	
	586702C91		3.54-1 RATIO	
			3.73 THRU 4.44-1 RATIO	
			4.78 THRU 8.17-1 RATIO	
	493197C91		GEAR SET, MAIN DIFF. SIDE AND PI	NION
			2-1/8 IN. X 20 SPLINE	
			PRE-COMMON WHEEL END	
	565706C91	•	2-1/8 IN. X 41 SPLINE COMMON WHEEL END CODES	
	585705C91	•	2 IN. X 39 SPLINE	
	493200C91	&	GEAR SET, INTERAXLE DIFF. SIDE A	AND PINION
	578500C91		KIT, INTERAXLE DIFF. W/HSG PRIOR TO 7/1/93	
	1695389C91	1	KIT, INTERAXLE DIFF. 7/1/93 AND LATER	
	RA200FR	@	BRG AND SEAL KIT	
	1696994C91	&&	KIT, RING GEAR BOLT AND NUT	





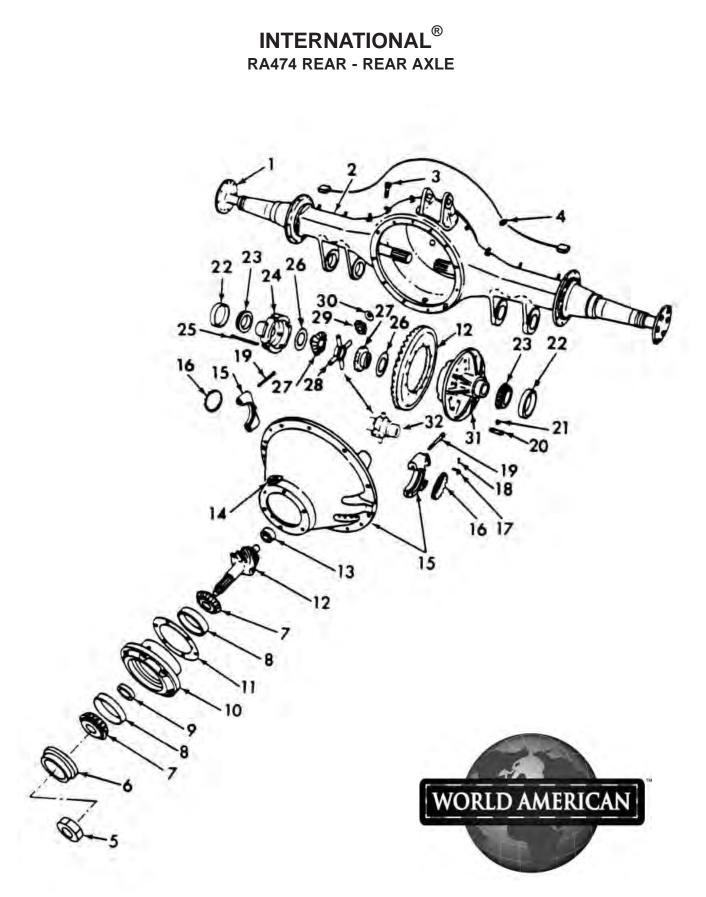
ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
		AXLE, FWD REAR INTL/DANA® W460S		11	TRA4860	▶/@& RACE, FRT SIDE GEAR THRUST BRG	2
		46000 LB. SGL-RED			WA4860	)/@& BEARING, FRT SIDE GEAR THRUST	1
1 2	1696473C1	NUT, COMPANION FLG OUTPUT NUT, COMPANION FLG INPUT		12	463414C1	/ & GEAR, INTERAXLE DIFF. FRT SIDE	1
3	440302C1 1696474C1	PRIOR TO 7/1/93 / 7/1/93 AND LATER @ SEAL, OUTPUT SHAFT OIL	1	13 14	463412C1 463419C1	<ul> <li>/ &amp; SPIDER, INTERAXLE DIFF.</li> <li>/ &amp; GEAR, INTERAXLE DIFF. PINION</li> </ul>	1
	415013N 1691147C2	PRIOR TO 7/15/91 7/15/91 AND LATER	1 1	15	463413C1	A WASHER, INTERAXLE DIFF. PINION GEAR THRUST	4
4	26310R1 25709R1	BOLT, RET TO HSG WASHER, FL 3/8 IN.	4 4	16	463402C1	A GEAR, INTERAXLE DIFF. REAR SIDE	1
5	100495	<ul> <li>@ SEAL, INTERAXLE DIFF. HSG</li> <li>OIL</li> <li>HOUSING, INTERAXLE DIFF.</li> </ul>	1	17	JLM710949	@ CONE, INTERAXLE DIFF. FRT BRG FOR SERVICE, ORDER	1
	481119C2	PRIOR TO 7/1/93	1			JLM710949	
	1695386C1	7/1/93 AND LATER	1	18		) / CASE, INTERAXLE DIFF. REAR	1
	583164C1	SCREW, 12 PT HD 1/2NC X 1-1/4 IN.	7	19	28921	@ CUP, INTERAXLE DIFF. REAR CASE BRG	1
	583165C1	2 IN. GASKET, ELIMINATOR	1	20	28985	@ CONE, INTERAXLE DIFF. REAR CASE BRG	1
	1693855C1	6 ML	1	21	XLS5-1/8A	@ BEARING, INTERAXLE DIFF. REAR BALL	1
	1693856C1	50 ML	1	22	495024C1	RING, INTERAXLE DIFF. REAR BRG RET	1
		PLUG, INTERAXLE DIFF. HSG		23	463430C2	COLLAR, SHIFT CLUTCH	1
				24	481108C1	GEAR, DIFF. INPUT	1
		7/1/93 AND LATER	1	25	592535C1	CASE, INTERAXLE DIFF.	1
	586045C1 2035620C1	W/O CODE 14WLD W/CODE 14WLD	1		592534C92	CYLINDER, SHIFT	1
	554204C1	SEALANT, SILICONE, 3 OZ. TUBE	1		378066R1	RING, RET	1
7	55420401	SPACER, IDLER GEAR BRG OLD DESIGN			584278C1	SPRING, COMPRESSION SCREW, 12 PT HD 1/2NC X	1
	463423C2	1.277 IN. THK	AR		583164C1	1-1/4 IN.	5
	463424C2	1.282 IN. THK	AR		583166C1	2 IN.	6
	463425C2	1.287 IN. THK	AR		50004504	PLUG, DRAIN	
	463426C2	1.292 IN. THK	AR		586045C1	W/O CODE 14WLD	1
	463427C2	1.297 IN. THK	AR		2035620C1	W/CODE 14WLD	1
	463428C2	1.302 IN. THK	AR		1693855C1	GASKET, ELIMINATOR 6 ML	1
	463429C2	1.307 IN. THK	AR		109303501	6 IVIL	'
	497865C1	1.312 IN. THK	AR		1693856C1	50 ML	1
	497866C1	1.317 IN. THK	AR		103303001	30 ME	
		NEW DESIGN			554204C1	SEALANT, SILICONE, 3 OZ TUBE	1
	1654953C1	1.632 IN. THK	AR		504810C91	FORK, SHIFT W/INSERTS	1
	1654954C1	1.637 IN. THK	AR		504131C1	INSERT, SHIFT FORK	1
	1654955C1	1.642 IN. THK	AR		587212C1	SHAFT, CASE	1
	1654956C1	1.647 IN. THK	AR		463400C2	COVER, DIFF. CASE	1
	1654957C1	1.652 IN. THK	AR	26	JLM710949	@ CONE, INPUT GEAR BRG	1
	1654958C1	1.657 IN. THK	AR				
	1654959C1	1.662 IN. THK	AR	27	JLM710910	@ CUP, INPUT GEAR BRG	1
	1654960C1		AR				
8	JLM710910	CUP, INTERAXLE DIFF. FRT BRG FOR SERVICE, ORDER	1	<u>28</u> 29	1696472C1	NUT, IDLER GEAR SHAFT STOP CONE, IDLER GEAR BRG	1
	0705754	JLM710910			3877	@ OLD DESIGN	2
9	27857R1	SCREW, 12 PT HD 1/2NC X	8		M802048	@ NEW DESIGN	2
		2-3/4 IN.		30		CUP, IDLER GEAR BRG	
		PRIOR TO 7/1/93 / RIVET, INTERAXLE DIFF. CASE	8		3820	OLD DESIGN	2
		7/1/93 AND LATER	0		M802011	@ NEW DESIGN	2
10		<ul> <li>CASE, INTERAXLE DIFF. FRT</li> </ul>	1	31	481107C91 1654949C91	LARGE BEARING 3.75" SMALL BEARING 3.25"	1

ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
32	463420C2	SHAFT, IDLER GEAR	1		1691245C1	7/1/93 AND LATER	4
33	83799	NUT, PINION SHAFT	1		25712R1	WASHER, DIFF. BRG CAP BOLT	4
		CASTELLATED		49	660433R1	RING, OUTPUT SHAFT BRG	1
	19415R1	PIN, SLT	1			SNAP	
34	482763C1	GEAR, PINION SHAFT DRIVEN	1	50	56650	@ CUP, DIFF. BRG	2
35		@ CONE, PINION BRG		51	56425	@ CONE, DIFF. BRG	2
	H715343	INNER	1	52	161080R3	# CASE, DIFF. PL HALF	1
00	HM813844		1	53	400405004	# BOLT, DIFF. CASE	•
36	H715311	@ CUP, PINION BRG INNER	1		1691250C1	3.54-1 RATIO	8 8
	HM813810	OUTER	1		1691249C1 1691248C1	3.73 THRU 4.44-1 RATIOS 4.78 THRU 7.17-1 RATIOS	о 8
37	110013010	SPACER, PINION BRG	1	54			2
51	1651818C1	INNER .894 IN. THK	AR	54	161064R1	<ul> <li>WASHER, DIFF. SIDE GEAR THRUST</li> <li>22 SPLINE</li> </ul>	2
	1651819C1	.896 IN. THK	AR	II	161078R2	22 SPLINE	
	1651820C1	.898 IN. THK	AR	55	571356C1	▲ GEAR, DIFF. SIDE - 46 SPL.	2
	1651821C1	.900 IN. THK	AR	56	161061R2	<ul> <li>WASHER, DIFF. PINION GEAR</li> </ul>	4
	1651822C1	.902 IN. THK	AR	II		THRUST	
	1651823C1	.904 IN. THK	AR	57	161042R3	<ul> <li>GEAR, DIFF. PINION</li> </ul>	4
	1651824C1	.906 IN. THK	AR	58	161069R3	<ul> <li>SPIDER, DIFF.</li> </ul>	1
	1651825C1	.908 IN. THK	AR	59		# CASE, DIFF. FLG HALF	1
	1651826C1	.910 IN. THK	AR		584284C1	3.54-1 RATIO	1
	1693399C1	.911 IN. THK	AR		208523R5	3.73 THRU 4.44-1 RATIOS	1
	1693400C1	.916 IN. THK	AR		161091R5	4.78 THRU 7.17-1 RATIOS	1
	892790R1	OUTER			336247C2	SCOOP, OIL, DIFF. CASE	1
		.375 IN. THK	1		0575004	PRIOR TO 7/1/93	0
38	400404704	BOLT, PINION BRG CAGE	C		25752R1	BOLT, OIL SCOOP PRIOR TO 7/1/93	6
	1691247C1 1691152C1	PRIOR TO 07/1/93 7/1/93 AND LATER	6 8	60	161060R1	& & RIVET, RING GEAR TO DIFF. CASE	E 12
39	482784C91	CAGE, PINION BRG, W/CUPS	1	61	274639	NUT, DIFF. CASE BOLT	8
40	402704031	SHIM, PINION, PINION BRG CAG		62	2110000	SHAFT, AXLE	
10	463435C2	.005 IN. THK	AR		161087R2	2-21/64 IN. X 22 SPLINES	2
	463436C2	.010 IN. THK	AR			PRE-COMMON WHEEL END	
41		// GEAR SET, RING AND PINION				2-3/8 IN. X 46 SPLINES	
	597247C91	3.54-1 RATIO	1			COMMON WHEEL END	
	597248C91	3.73-1 RATIO	1		571351C2	W/O CODE 844004	2
	597249C91	3.91-1 RATIO	1		1654168C1	W/CODE 844004	2
	597250C91	4.10-1 RATIO	1			STUD, WHEEL FLG	16
	597251C91	4.44-1 RATIO	1			NUT, HEX NY-LOCK <sup>®</sup>	
	597252C91	4.78-1 RATIO	1		9412368	EXC CODE 844004	16
	597253C91	5.38-1 RATIO	1			3/4-16UNF	
	1698376C91	5.63-1 RATIO	1		144423H	FOR CODE 844004	16
	597254C91 597255C91	6.14-1 RATIO 6.57-1 RATIO	1		E4700D4		10
	597256C91	7.17-1 RATIO	1		54700R1	BUSHING, AXLE SHAFT STUD CODE 844004	16
	337230031	& & BOLT, RING GEAR TO DIFF. CAS				GASKET, AXLE SHAFT FLG	
42	MU1308UM	@ BEARING, PINION PILOT	1		895493R2	EXC CODE 844004	2
43	463395C92	CARRIER, DIFF, W/CAPS	1		56152R2	FOR CODE 844004	2
		SCREW, 12 PT HD 5/8NC X		63	00102112	HOUSING, AXLE	
	1691150C1	1-3/4 IN.	6			PRE-COMMON WHEEL END	
	1691151C1	2-3/4 IN.	2			HEND <sup>®</sup> SUSP	
	1693856C1	GASKET, ELIMINATOR 50 ML	1		463465C92	W/O TTR-BRKT	1
					501172C93	W/TTR-BRKT	1
		@@ STUD, CARR TO HSG	4		572160C93	NEWAY <sup>®</sup> AIR SUSP	1
		@ @ WASHER, FL	4			COMMON WHEEL END	
4.4	40404404	@ @ NUT, STUD	4			HEND <sup>®</sup> SUSP	
44	481811C1	CAGE, OUTPUT SHAFT BRG	1			EXC AIR SUSP, RT441	
45	161066R2	ADJUSTER, DIFF. BRG	2			SUSP	
46	3/16 X 1 P 157491R2	PIN, COTTER 3/16 X 1 IN. LOCK, DIFF. BRG ADJ	2			W/O 2-BOLT	
	10/42/5/	LOUN, DIFF. DKG ADJ	۷				
47 48		BOLT, DIFF. BRG CAP				TTR-BRKT	

ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
63	595614C1 595613C2 595613C2 1663957C1 1668716C1 1677769C1 1683727C1 1683729C1	W/12.8 HI TTR-BRKT W/15.5 HI TTR-BRKT ORDER 595609C1 HSG AND 591407C4 TR-BRKT W/2-BOLT TTR-BRKT W/2-BOLT TTR-BRKT W/0 2-BOLT BEAM HANGER BRKT EXC RT461 SUSP W/0 12.8 HI TTR-BRKT ORDER 1663957C1 HSG AND 595622C TTR-BRKT FOR RT461 SUSP ORDER 1663957C1 HSG AND 4-683738R1 SPACER W/2-BOLT BEAM HANGER BRKT W/0 12.8 17 HI TTR-BRKT W/12.8 HI TTR-BRKT ORDEP 1683727C1 HSG	1 1 1 1 1 1 1	64 65 66 67	586049C1 586048C1 91916R91 446839C1 464237C2 210 496276C1 496277C1 482040C1 482040C1 482042C1 482043C1 482043C1 482045C1	PLUG, AXLE HSG MAGNETIC DRAIN TEMP SENDER HOLE BREATHER, AXLE HSG GASKET, SILICONE 4.7 OZ. TUBE SHAFT, OUTPUT @ BEARING, OUTPUT SHAFT BALL SHIM, INTERAXLE DIFF. BRG .026 IN. THK .033 IN. THK .040 IN. THK .047 IN. THK .047 IN. THK .047 IN. THK .054 IN. THK .068 IN. THK .068 IN. THK .075 IN. THK .075 IN.	1 1 1 1 AR AR AR AR AR AR AR AR AR AR
	2032 096C1 1697110C1 595715C1 2502412C1 2502412C1 1697110C1	ORDER 1683727C1 HSG AND 595622C2 TTR-TRBK W/17 HI TTR-BRKT FOR AIR SUSP FOR RT441 SUSP ORDER 595609C1 HSG AND 4-683738R1 SPACER INTL SUSP R-SPG W/O ABS, ATC W/ABS, ATC AIR	1 1 1 1 1 1		991233C91 991235C91 991235C91 991236C91 991237C91 991238C91 991239C91 991240C91 991241C91	DIFFERENTIAL, STD PRE-COMMON WHEEL END 2-21/64 IN. X 22 SPLINES 3.73-1 RATIO 3.91-1 RATIO 4.10-1 RATIO 4.44-1 RATIO 4.78-1 RATIO 5.38-1 RATIO 6.14-1 RATIO 6.57-1 RATIO 7.17-1 RATIO COMMON WHEEL END 2-3/8 IN. X 46 SPLINES	
	1660703C1 2015525C1	NEWAY <sup>®</sup> AIR SUSP W/O 2-BOLT TTR-BRKT ORDER 595609C1 HSG AND 595622C2 TTR-BRKT W/2-BOLT TTR-BRKT W/O 2-BOLT BEAM HANGER BRKT ORDER 2015366C1 HSG AND 595622C2	1		1695375C91 1695376C91 1695377C91 1695378C91 1695379C91 1695380C91 1695381C91 1695382C91 1695383C91 1695384C91	3.54-1 RATIO 3.73-1 RATIO 3.91-1 RATIO 4.10-1 RATIO 4.44-1 RATIO 4.78-1 RATIO 5.38-1 RATIO 6.14-1 RATIO 6.57-1 RATIO 7.17-1 RATIO	
	2027660C1	TTR-BRKT W/2-BOLT BEAM HANGER BRKT ORDER 1683727C1 HSG AND 595622C2 TTR-BRKT	1		2500823C91	5.63-1 RATIO FOR NO-SPIN™ APPLICATIONS, ORDER STD DIFF. AND ITEM NO. 67	
	1516331C1	CHALMERS <sup>®</sup> SUSP BRACKET, TRANSVERSE TORQUE ROD	1				
	595622C2 591407C4	12.8 IN. 15.5 IN. PLUG, FILLER	1				
	586045C1 2035620C1	W/O CODE 14WLD W/CODE 14WLD	1				

	ITEM NO.	PART NO.	D	ESCRIPTION
ſ			11	SEE DIFF. CASE LISTING WHEN
				CHANGING RATIO
			#	CASE, DIFF. W/BOLTS
		586703C91	#	3.54-1 RATIO
		493206C91	#	3.73 THRU 4.44-1 RATIOS
		493207C91	#	4.78 THRU 7.17-1 RATIOS
		493198C91		GEAR SET, DIFF. SIDE AND PINION
				2-21/64 IN. X 22 SPLINES
				PRE-COMMON WHEEL END
		585707C91		2-3/8 IN. X 46 SPLINES
				COMMON WHEEL END
		493200C91	&	GEAR SET, INTERAXLE DIFF.
				SIDE AND PINION
		578500C91		KIT, INTERAXLE DIFF. W/HSG
				PRIOR TO 7/1/93
		1695389C91	1	KIT, INTERAXLE DIFF.
				7/1/93 AND LATER
			<u> </u>	BRG AND SEAL KIT
		1697352C91	&&	KIT, RING GEAR BOLT AND NUT
				BREAKDOWN - N/A
		1685359C91	@@	KIT, BOLT AND STUD





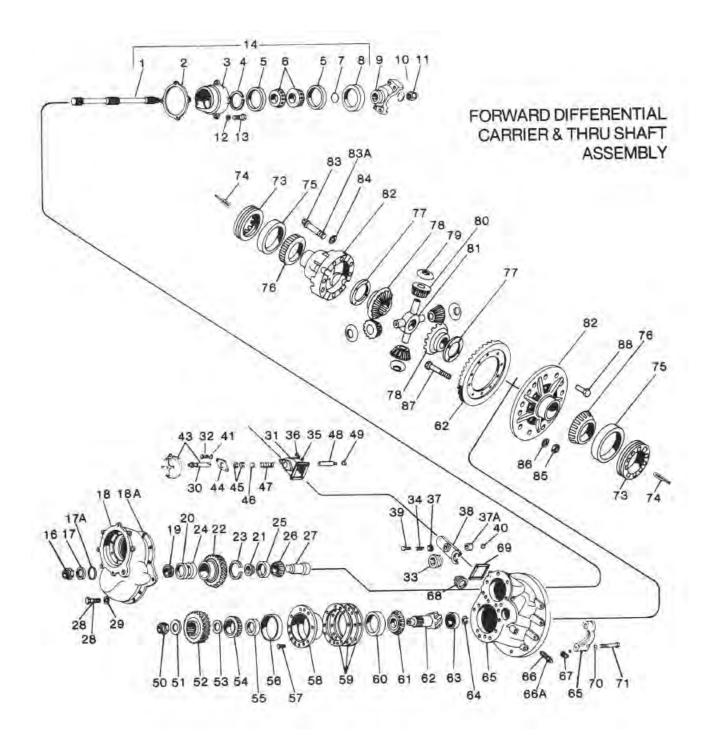
ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
		AXLE, REAR REAR INTL/DANA <sup>®</sup> 2460S 46000 LB. SGL-RED SHAFT, AXLE			1668717C1 1677770C1	W/12.8 HI TTR-BRKT W/RT461 SUSP W/2-BOLT BEAM HANGER BRACKET	1 1
1	161087R2	2-21/64 IN. X 22 SPLINES PRE-COMMON WHEEL END 2-3/8 IN. X 46 SPLINES	2		1699214C1 1683730C1	W/O 12.8, 17 HI TTR-BRK W/12.8 HI TTR-BRKT	1
	571351C2 1654168C1	COMMON WHEEL END EXC CODE 844004 FOR CODE 844004	2		2032097C1	W/17 HI TTR-BRKT NEWAY <sup>®</sup> AIR SUSP	1
	100410601	STUD, WHEEL FLG	16		1660704C1 2015526C1	EXC CODE 14677 EXC 8.75 RIDE HEIGHT FOR 8.75 RIDE HEIGHT	1
	9412368	NUT, HEX LK 3/4	16		1654220C91 1516332C1	FOR CODE 14677 CHALMERS <sup>®</sup> AIR SUSP	1
	144423H	5/8 FOR CODE 844004	16		586048C1 91916R91	PLUG, TEMP SENDER HOLE	1
	54700R1	BUSHING, AXLE SHAFT FLG FOR CODE 844004 GASKET, AXLE SHAFT FLG	16	$\begin{array}{r} 3 \\ -4 \\ -5 \end{array}$	586049C1 440302C1	BREATHER, AXLE HSG VENT PLUG, MAGNETIC PIPE DRAIN NUT, COMPANION FLG	1 1 1
	895493R2 56152R2	EXC CODE 844004 FOR CODE 844004	2	6	390362R1 710008	WASHER, COMPANION FLG NUT @ SEAL, PINION OIL PRIOR TO 7/15/91	<u>1</u> 1
2	495033C2	HOUSING, AXLE PRE-COMMON WHEEL END INTL 4-SPG SUSP	1		1691143C2 892790R1	U/15/91 AND LATER SPACER, PINION BRG -OTR- .375 IN. THK	1 1
	497883C2	INTL AIR SUSP HEND <sup>®</sup> SUSP STANDARD	1	7	H715343 HM813844	@ BEARING, PINION CONE INNER OUTER	1
		RT441 SUSP RE-ORDER 464243C92	1	8	H715311	@ BEARING, PINION CUP INNER	1
	501174C92	AND 683738R1 TTR-BRKT COMMON WHEEL END	1	9	HM813810	OUTER SPACER, PINION INNER BRG .894 IN. THK	 AR
	1686120C1	INTL SUSP 4-SPG AIR	1		1651819C1 1651820C1 1651821C1	.896 IN. THK .898 IN. THK .900 IN. THK	AR AR AR
	1686121C1 1686121C1	W/O ABS BLOCKS W/ABS BLOCKS HEND <sup>®</sup> SUSP	1 1		1651822C1 1651823C1 1651824C1	.902 IN. THK .904 IN. THK .906 IN. THK	AR AR AR
		W/O 2-BOLT TTR-BRKT EXC AIR SUSP	12		1651825C1 1651826C1	.908 IN. THK .910 IN. THK	AR AR
	595616C1	RT441 SUSP W/O 12.8, 15.5 HI TTR-BRKT		10	1693399C1 1693400C1 482782C91	.911 IN. THK .916 IN. THK CAGE, W/CUPS, PINION BRG	AR AR 1
	595621C1 595620C2 595716C1	W/12.8 TTR-BRKT W/15.5 TTR-BRKT FOR RT441 SUSP	1 1 1	11	1691247C1 966191R2	BOLT, CAGE TO CARR SHIM, PINION BRG CAGE .005 IN. THK	6 AR
	0001001	RE-ORDER 595616C1 HSG AND 4PCS 683738R1 SPACER		12	161070R2 597247C91 597248C91	.010 IN. THK // GEAR SET, RING AND PINION 3.54-1 RATIO 3.73-1 RATIO	AR 1 1
	1686121C1 1686121C1	FOR AIR SUSP W/O ABS BLOCKS W/ABS BLOCKS W/2-BOLT TTR-BRKT W/O 2-BOLT BEAM	1		597249C91 597250C91 597251C91 597252C91	3.91-1 RATIO 4.10-1 RATIO 4.44-1 RATIO 4.78-1 RATIO	1 1 1 1
	1663958C1	HANGER BRACKET W/O RT461 SUSP W/O 12.8 HI TTR-BRKT	1		597253C91 1698376C91 597254C91	5.38-1 RATIO 5.63-1 RATIO 6.14-1 RATIO	1 1 1

ITEM NO.	PART NO.	DESCRIPTION	QTY	ITEM NO.	PART NO.	DESCRIPTION	QTY
	597255C91	6.57-1 RATIO	1		459911C94	4.78-1 RATIO	
	597256C91	7.17-1 RATIO	1		459912C94	5.38-1 RATIO	
	1697352C91	KIT, BOLT	1		459913C94	6.14-1 RATIO	
_13	MU1308UM	@ BEARING, PINION PILOT	1		459914C94	6.57-1 RATIO	
14	586045C1	PLUG, PIPE SQ-SOCKET 3/4 FILLER	1		459915C94	7.17-1 RATIO	
15	451918C92	CARRIER, W/CAPS, DIFF.	1			DIFFERENTIAL, STD	
		BOLT, FLG HEX-HD 5/8UNC >				2-3/8 IN. X 46 SPLINES	
	1691150C1	1-3/4 IN.	10		504007000	COMMON WHEEL END	
	1691151C1	2-3/4 IN.	2		584287C92	3.54-1 RATIO	
1	5/8 R	WASHER, LK 5/8	12		574512C92	3.73-1 RATIO	
	446839C1	GASKET, SILICONE 4.7 OZ. TUBE	1		574513C92	3.91-1 RATIO	
		<ul> <li>STUD, CARR TO HSG</li> </ul>	4		574514C92 574515C92	4.10-1 RATIO 4.44-1 RATIO	
			12		574516C92	4.44-1 RATIO 4.78-1 RATIO	
		<ul> <li>WASHER, FL</li> <li>NUT. HEX</li> </ul>	4		574517C92	5.38-1 RATIO	
16	161066R2	ADJUSTER, DIFF. BRG	2		2500824C91	5.63-1 RATIO	
<u>    16    </u> 17	157491R2	LOCK, DIFF. BRG ADJ	2		574518C92	6.14-1 RATIO	
17	3/16 X 1 P	PIN, COTTER 3/16 X 1 IN.	2		574519C92	6.57-1 RATIO	
10	24896R1	BOLT, DIFF. BRG CAP	<u> </u>		574520C92	7.17-1 RATIO	
15	25712R1	WASHER, DIFF. BRG CAP BC			014020002		
20	161060R1	RIVET, RING GEAR TO DIFF. CASE	12			// SEE DIFF. CASE LISTING WHEN CHANGING RATIOS	<b>.</b>
21	274639	<ul><li># NUT, DIFF. CASE BOLT 5/8NF IN.</li></ul>	8			# CASE, DIFF. W/BOLTS AND	NUTS
22	56650	@ BEARING, DIFF. CUP	2		586703C91	3.54-1 RATIO	
23	56425	@ BEARING, DIFF. CONE	2		493206C91	3.71 THRU 4.44-1 RAT	los
24	161080R3	# CASE, DIFF. PL HALF	1		493207C91	4.78 THRU 7.17-1 RAT	los
25		# BOLT, DIFF. CASE				<ul> <li>GEAR SET, DIFF. SIDE A</li> </ul>	ND
	1691250C1	3.54-1 RATIO	8			PINION	
	1691249C1	3.73 THRU 4.44-1 RATIOS	8		493198C91	2-21/64 IN. X 22 SPLINES	S
	1691248C1	4.78 THRU 7.17-1 RATIOS	8			PRE-COMMON WHEE	L END
_26	161064R1	<ul> <li>WASHER, SIDE GEAR THR</li> </ul>	UST2		585707C91	2-3/8 IN. X 46 SPLINES	
_27	161078R2	<ul> <li>GEAR, DIFF. SIDE - 22 SPL</li> </ul>	. 2			COMMON WHEEL EN	D
28	161069R3	<ul> <li>SPIDER, DIFF.</li> </ul>	1		RA201RR	BRG AND SEAL KIT	
	571356C1	46 SPL.			1685359C91	KIT, BOLT AND STUD	
29	161042R3	<ul> <li>GEAR, DIFF. PINION</li> </ul>	4				
30	161061R2	<ul> <li>WASHER, PINION GEAR THRUST</li> </ul>	4				
31		# CASE, DIFF. FLG HALF					
-	584284C1	3.54-1 RATIO	1				
	208523R5	3.73 THRU 4.44-1 RATIOS	1				
	161091R5	4.78 THRU 7.17-1 RATIOS	1				
	336247C2	SCOOP, OIL	1				
	25752R1	BOLT, HEX-HD 1/4UNC X 1/2 IN.	2				
32		DIFFERENTIAL, NO-SPIN <sup>™</sup>	1				
		2-3/8 IN. X 46 SPLINES					
		COMMON WHEEL END					
		NOTE: ITEM 32 REPLAC	ES				
		ITEMS 26 THRU 30 WHE	EN 🛛				
		NO-SPIN <sup>™</sup> DIFF IS USE	D.				
		DIFFERENTIAL, STD				aut Maylel AmaricanTM	
		2-21/64 IN. X 22 SPLINES			ASK AD	out World American™	
		PRE-COMMON WHEEL	end		OE	Quality Clutch Kits	
	459907C94	3.73-1 RATIO					
	459908C94	3.91-1 RATIO					
	459909C94	4.10-1 RATIO					
32	459910C94	4.44-1 RATIO					
				1			

# Notes

PARTS LISTED IN THIS CATALOG ARE NOT NECESSARILY MANUFACTURED BY THE ORIGINAL EQUIPMENT MANUFACTURER AND ANY REFERENCE TO THE TRADEMARKS OR PART NUMBERS

#### SL/SQHD FORWARD-REAR



#### SL/SQHD FORWARD-REAR

ITEM	DESCRIPTION	QTY	PART NO.	REMARKS
	Bearing, Seal & Gasket Kit		RA900FR	
1	Thru Shaft	1	A3880K921	Includes Item 11
2	Gasket	1	2208C445	
3, 5	Rear Bearing Cage & Cup Assy	1	A3226Q537	
1, 3, 4,	Rear Bearing Cage, oil seal,			
5, 6, 7,	thru shaft, bearing &	1	A1-3226Q537	
8, 12	snap ring assy			
4	Snap Ring - Thru Shaft	As req.		CALL YOUR SALES REP
5	Bearing Cup	2	LM603011	
6	Bearing Cone	2	LM603049	
7	Snap Ring - Thru Shaft	1	1829A859	
8	Oil Seal Assy - Thru Shaft	1	475322N	
9	Yoke Assy - Thru Shaft (Output)	1		CALL YOUR SALES REP
10	Washer - Thru Shaft	1	1229A2653	
11	Nut - Thru Shaft	1	1227Z936	
12	Washer - Thru Shaft Cage	4	1229K1597	
13	Capscrew - Thru Shaft Cage	4	S268-2	
14	KIT (pre-assembled)	1	USE MPS 1842	
16	Nut - Idler Gear Shaft	1	1227Z936	
17	Washer - Idler Gear Shaft	1	1229A2653	
17A	"O" Ring - Idler Gear Shaft	1	2208U463	
18	Case - Adapter (case only)	1	3280Y3977	
6, 17, 17A,				
18, 20, 22,	Adapter Case & Idler Gear Assy	1	A3280Y3977	
23, 24, 25				
18A	Gasket - Adapter Case (Silastic)	3 oz.	1199T3842	
19	Front Bearing Cone	1	31597	
20	Front Bearing Cup	1	31520	
21	Spacers - Front Bearing	As req.		CALL YOUR SALES REP
19, 20, 21,	Idler Gear, bearing &			
22, 23, 24, 25	spacer assy.	1	A1-3892D1824	
20, 22, 23,	Idler Gear, bearing cup, spacer &			
24, 25	ring assy.	1	A3892D1824	
23	Snap Ring - Idler Gear Bearing	1	1229N1470	
24	Spacer - Idler Gear Bearing	1	1244X726	
25	Rear Bearing Cup	1	31520	
26	Rear Bearing Cone	1	31597	
27	Shaft - Idler Gear	1	3280P2226	
28	Capscrew (Long)	2	SP1035	
	adapter case (Short)	8	S2812-2	Aluminum carriers
	(Short)	8	S2811-2	Malleable carriers
29	Washer - Adapter Case	10	1229C1511	
30~	Shift Shaft - Inter-axle	1	2297N768	Part of Item 43
31	Housing - Shift Shaft	1	3280D2526	
32	Capscrew - Shift Shaft Hsg. Mtg.	2	S268-2	
33	Collar - Shift Lock	1	3280X2520	
34	Spring - Shift Fork	1	2258G397	
35	Washer - Shift Hsg. Mtg.	4	WA-16	
36	Capscrew - Shift Hsg. Mtg.	4	S268-2	
37	Washer - Shift Fork Seat	1	1229M1599	
37A	Ball - Shift Fork Lock	1	1199V1712	
38	Shift Fork Assy.	1	A2297E811	
39	Bolt - Shift Fork	1	15X1306	
40	Nut - Shift Fork	1	NL-16-1	
40 41	Washer - Shift Shaft Chamber Mtg.	2	1229B1666	
	×	1		
30~, 41	Shift Chamber & Hsg. Assy. (complete)		A1-3280D2526	
43, 30~	Air Chamber & Shift Shaft Assy.	1	A3261C289	
44	Gasket - Shift Shaft Housing	1	2208M429	

#### = Not serviced separately.

#### SL/SQHD FORWARD-REAR (Cont'd)

ITEM	DESCRIPTION	QTY	PART NO.	REMARKS
45	Snap Ring - Shift Shaft	2	1229W1245	
46	Washer - Shift Shaft	1	1229R798	
47	Spring - Shift Chamber	1	2258U411	
48	Adjusting Bolt - Shift Chamber	1	15X851	
49	Nut - Shift Chamber Adjusting Bolt	1	13X163	
50	Nut-Drive Pinion	1	1227N898	
51	Washer - Drive Pinion Nut	1	1229N1730	
52, 50	Driven drop box gear & <u>22 Spline</u> drive pinion nut assy. <u>39 Spline</u>	1	A3892S4517 3892C4735 ^^	USED IN KIT 349 USED IN KIT 2117
53	Spacer-pinion bearing	1	1229\$1449	Use with these ratios only: 3.55, 3.70, 3.90, 4.11, 4.33, 4.44, 4.63, 5.29, 5.83
54	Cone - Outer Bearing	1	72200C	,,,
55	Spacer - Forward Bearing	As req.		CALL YOUR SALES REP
56	Cup - Outer Bearing	1	72487	
57	Capscrew - Pinion Bearing Cage	8	10X1027	Malleable carriers
		8	10X1028	Aluminum carriers
58	Drive Pinion Cage & Cup Assy.	1	A3226A131	
59	Shim .003	_ 1	2203L7448	
	.005	3	2203K7447	
	.010	_ 4	2203J7446	
	Shim	1	2203T8366	Use with these ratios only: 4.88, 6.17, 6.83, 7.20, 7.80, 8.6
60	Cup - Inner Bearing	1	72487	
61	Cone - Inner Bearing	1	72200C	
62~	Drive Gear & Pinion Assy.	1	See Page 105	
63	Bearing - Drive Pinion Rear	1	RU1570UM	
64	Lock Ring - Drive Pinion	1	1229A1301	
65~, 70, 71	Differential Carrier & Cap Assy.	1	A2-3200T800 A3-3200U801	Malleable Aluminum
66	Thrust Screw - Drive Gear	1	15X1025	
66A	Nut - Thrust Screw - Drive Gear	1	13X41	
67	Plug - Oil Inspection	1	1850T150	
68	Plug - Oil Filler Hole	1	P212	
69	Gasket - Shift Housing	1	2208D446	
70	Washer - Bearing Cap	4	1229V1556	
71	Capscrew - Bearing Cap	4	S21238-1	Malleable carriers
		4	10X1021	Aluminum carriers
77, 78,	Differential Case & Nest	1	B11-3235U619 #	Standard ratio
79, 80,	Assy.	1	A87-3235V620 #	Fast ratio
81, 82~,		1	B5-3235U619 ##	Standard ratio
83, 84		1	A84-3235V620 ##	Fast ratio
82~,	Differential Case Assy.	1	B3-3235U619	Standard ratio
83, 84		1	A83-3235V620	Fast ratio
73	Adjusting Ring - Diff. Bearing	2	2214G215	
74	Cotter Pin Lock-Adjusting Ring	2	1199R2176	
75	Differential Bearing Cup	2	493	
76	Bearing - Cone	2	496 497	Standard ratio Fast ratio
77	Thrust Washer - Side Gear	2	1229T1034	
78	Side Gear Differential	2	2234X310 #	(2" - 21 Spline)
10	elae oour Emerendai	2	2234X700 ##	(2-1/8" - 22 Spline)
79	Thrust Washer - Pinion	4	1229R1032	
80	Pinion - Differential	4	2233U151	
81	Spider - Differential	1	3278\$305	

#### = Not serviced separately.

- **^** = New gear not interchangeable with A3892S4517 gear.
- # = SLHD Only

#### ## = SQHD Only

#### SL/SQHD FORWARD-REAR (Cont'd)

ITEM	DESCRIPTION	QTY	PART NO.	REMARKS
83	Bolt - Differential Case	16	S2826P-1	
84	Washer - Differential case	16	1229C1511	
85	Nut - Gear to case	12	NL110-1	USED IN KIT 570
86	Washer - Gear to case	12	1229U1503	
87	Bolt - Gear to case (bolted version)	12	15X1523	
88	Rivet - Gear to case (riveted version)	12	RV71013	
89	Nut - Input Yoke	1	1227J946	1-1/2" X 12 Course Thread
90	Yoke - Input Shaft	1	122.0010	CALL YOUR SALES REP
91	Oil Seal Assy.	1	4563V	
92	Snap Ring	1	1229P1446	
93	Bearing - Front radial ball	1	211B	
94	Capscrew - Inter-axle housing	8	S2711-1	
95	Washer - Inter-axle housing	8	1229E1513	
96	Plug - Oil Filter	1	P212	
96A	Plug - Oil Drain	1	1850T150	
97	Housing - Inter-axle differential	1	3280V2518	Malleable carriers
		1	3280Y2573	Aluminum carriers
97A	Gasket - Inter-axle diff. housing (Silastic)	3 oz.	1199T3842	
91, 92, 93,97	Housing Assy. Inter-axle diff.	1	A3280V2518	Malleable carriers
91, 92,93, 97	Housing Assy. Inter-axle diff.	1	A3280Y2573	Aluminum case
98	Capscrew - Inter-axle diff. case	8	S2824A-1	
98A	Thread locking liquid/diff. case	1	2297C3747	34 oz. tube - SEE NOTE BELOW
99	Spacer - Bearing	1	1244Y701	
89, 100, 110	Inter-axle diff. case assv.	1	A2-3235T1528	
89, 98, 100~,	Inter-axle diff. case & nest	1	A1-3235T1528	
101,102,103,	assy. (Complete)			
104,105,106, 107, 110				
101	Thrust Washer - Forward side gear	1	1229J1622	
102	Side gear - forward	1	2234M325	
103	Side gear - rear	1	2234B340	
104	Spider - differential	1	3278M91	Available as KIT 2356
105	Pinion - differential	4	2233A105	
106	Thrust Washer - pinion	4	1229Q2877	
107	Thrust Washer - rear side gear	1	1229G1619	
108	Capscrew - Bearing Cage	6	S267-1	
109~	Cage - Bearing	1	3226F708	
109, 112	Cage & Cup Assy - Bearing	1	A3226F708	
110	Bushing - Bearing Cage	1	1225V880	Bronze
111	Shim - Bearing Cage .003	4	2203R3008	
	.010	1	2203S3009	
112	Cup - front bearing	1	29630	
113	Cone - front bearing	1	29675	
114	Drive Gear - Inter-axle	1	3892P2044	
115	Cone - rear bearing	1	29675	
116	Cup - rear bearing	1	29630	

#### = Not serviced separately.

#### NOTE: THREAD LOCKING LIQUID/DIFFERENTIAL CASE HALVES

When assembling differential case halves in Rockwell International<sup>®</sup> axles, a thread locking adhesive should be used. The recommended procedure is as follows:

- 1. Wipe excess oil and residue from the threaded holes in the case. The holes should be relatively oil-free.
- 2. If **new bolts** are used, a yellow coating of Dri-Loc<sup>™</sup> should appear on the threads. Assemble the case with these coated bolts to the required torque.

 If the original bolts are reused or regular bolts without Dri-Loc<sup>™</sup> are used, Rockwell<sup>®</sup> Part No. 2297C3747 should be used as a thread locking adhesive. <u>Apply the adhesive to the differential case holes only.</u> Thread the bolts and tighten to the required torque.

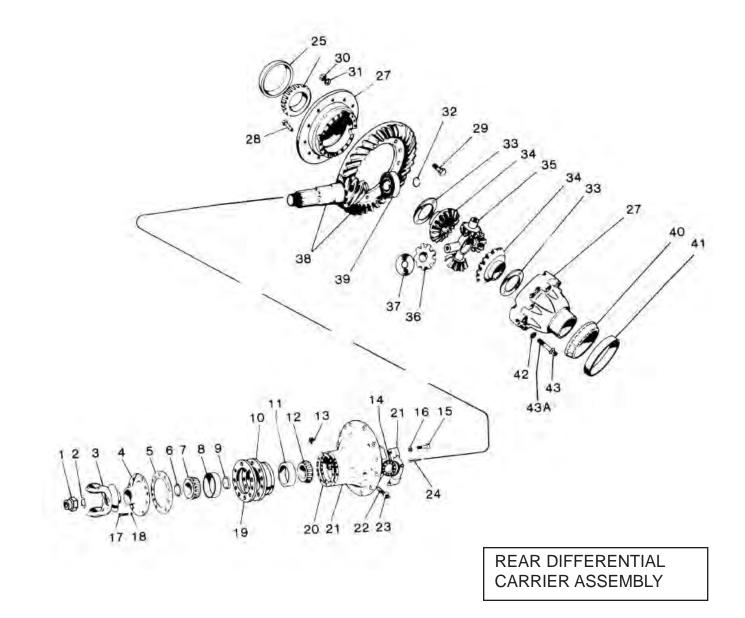
IMPORTANT: Do not apply Rockwell<sup>®</sup> Part No. 2297C3747 to Dri-Loc<sup>™</sup> coated bolts. Refer to Rockwell<sup>®</sup> Service.

#### SL/SQHD FORWARD-REAR CARRIER WITH 2" - 39 SPLINE

DRIVE GEAR & PINION ASSY	DRIVE GEAR, PINION & HELICAL GEAR ASSY	RATIO	<u>REMARKS</u>
A36028-20	A36028-21	3.55	FAST RATIOS
A37588-12	A37588-13	3.70	
A38006-9	A38006-10	3.90	Use Differential Case
A35818-23	A35818-24	4.11	Assembly
A36722-12	A36722-13	4.33	A83-3235V620
A35816-19	A35816-20	4.44	
A35814-16	A35814-17	4.63	
A36446-15	A36446-16	4.88	STANDARD RATIOS
A35812-20	A35812-21	5.29	
A35810-19	A35810-20	5.83	Use Differential Case
A35808-18	A35808-23	6.17	Assembly
A35806-21	A35806-22	6.83	B3-3235U619
A35804-18	A35804-23	7.20	
A35802-17	A35802-18	7.80	
A35800-17	A35800-18	8.60	



### SL/SQHD REAR-REAR



#### SL/SQHD REAR-REAR

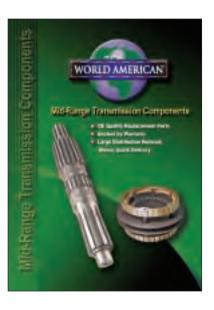
ITEM	DESCRIPTION	QTY	PART NO.	REMARKS
	Bearing, Seal & Gasket Kit		RA9RCR	
1	Nut - Yoke Input	1	1227Z936	
2	Washer - Yoke Input	1	1229A2653	
3	Companion Yoke & Slinger Assy.	1		CALL YOUR SALES REP
4, 6	Cage-cover & Seal Assy.	1	A3266H86	
5	Gasket - Bearing Cage	1	2208E421	
6	Oil Seal Assy.	1	475009N	
7	Cone - Outer Bearing	1	72188C	
8	Cup - Outer Bearing	1	72487	
9	Spacer - Bearing	As req.		CALL YOUR SALES REP
8, 10, 11	Bearing - Cage & Cup Assy.	1	A3226Z78	
11	Cup - Inner Bearing	1	72487	
12	Cone - Inner Bearing	1	72200C	
13	Plug - Inspection Hole	1	P212	
14	Adjusting ring - Differential Bearing	2	2214G215	
15	Capscrew - differential	4	S21238-1	Malleable carriers
	bearing cap	4	10X1021	Aluminum carriers
16	Washer - Diff. bearing cap	4	1229V1556	
17	Capscrew - Cage	8	S2813-1	Malleable carriers
		8	10X720	Aluminum carriers
18	Washer - Cage Capscrew	8	1229C1511	
19	Shim .003	1	2203L7448	
	.005	3	2203K7447	
	.010	4	2203J7446	
20	Shim	As req.	2203T8366	Use with these ratios only: 4.88, 6.17, 6.83, 7.20, 7.80, 8.60
15, 16,	Carrier & Cap Assy.	1	A2-3200C393	Malleable
21~			No longer available	Aluminum
22	Thrust Screw	1	15X1025	
23	Nut - Thrust Screw	1	13X41	
24	Lock pin-adjusting ring	2	1199R2176	
25	Cup - differential bearing - L.H.	1	493	Standard & fast ratios
26	Cone - differential bearing - L.H.	1	496	Standard & fast ratios
	g	1	497	Fast ratios only
27, 33,	Differential Case & Nest Assy.	1	B11-3235U619 #	Standard ratios
34, 35,		1	A87-3235V620 #	Fast ratios
36, 37,		1	B5-3235U619 ##	Standard ratios
42, 43		1	A84-3235V620 ##	Fast ratios
27, 42,	Differential Case Assy.	1	B3-3235U619	Standard ratios
43		1	A83-3235V620	Fast ratios
28	Rivet- gear to case (riveted version)	12	RV71013	
29	Bolt- gear to case (bolted version)		15X1523	Available as KIT 570
30	Nut - gear to case	12	NL110-1	Available as KIT 570
31	Washer - gear to case	12	1229U1503	Available as KIT 570
32	Lock Ring - Drive Pinion	1	1229A1301	
33	Washer - Side Gear Thrust	2	1229T1034	
34	Side Gear - Differential	2	2234X310 #	KIT 317 - SLHD - 21 SPL. (Incl. 33-37)
UT		2	2234X700 ##	KIT 318 - SQHD - 22 SPL. (Incl. 33-37)
35	Spider - Differential	1	3278\$305	
36	Pinion - Differential	4	2233U151	
37	Washer - Pinion Thrust	4	1229R1032	
38	Drive Gear & Pinion Assy.	1	See Page 108	
39	Rear Bearing - Drive Pinion	1	1228F552	
40	Cone - Differential Bearing - R.H.	1	496	Standard & fast ratios
40	Cup - Differential Bearing - R.H.	1	496	Standard & fast ratios
41 42	Up - Differential Bearing - К.н. Washer - Diff. Case Bolt	16	493 1229C1511	Stanuaru & last fallus
42	Bolt I- Differential Case	15	S2826P-1	
		10	JZ020F-1	1

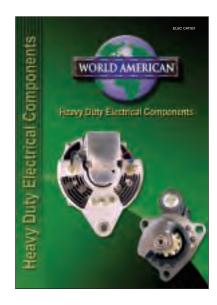
#### = Not serviced separately.

- # = SLHD Only
- ## = SQHD Only

### SL/SQHD REAR-REAR CARRIER WITH 1-3/4" - 10 SPLINE

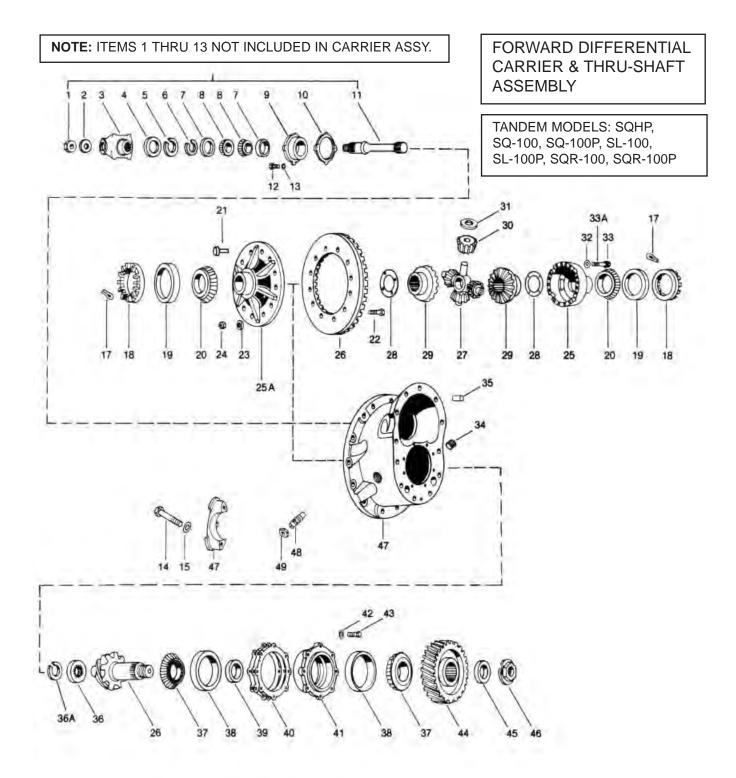
PART NUMBER	RA	ЛІО	REMARKS
A36028-18 A37588-10		3.55 3.70	
A38006-3 A35818-20	FAST	3.90 4.11	Use Differential Case Assembly
A36722-10 A35816-17 A35814-14		4.33 4.44 4.63	A83-3235V620
A36446-13 A35812-18		4.88 5.29	
A35810-17 A35808-19 A35806-19	STANDARD	5.83 6.17	Use Differential Case Assembly
A35806-19 A35804-19 A35802-15		6.83 7.20 7.80	B3-3235U619
A35800-14		8.60	





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## ROCKWELL<sup>®</sup> SL/SQ100; SQHP FRONT



### SL/SQ100; SQHP FRONT

ITEM	DESCRIPTION	Q	ŶŢŎ	PART NO.	REMARKS
	Bearing, Seal & Gasket Kit			RA194FR	
1	Nut - thru-shaft		1	1227Q901	
2	Washer - thru-shaft		1	1229A2653	(QRD/QRP/ QRF)
3	Yoke - thru-shaft		1		CALL YOUR SALES REP
4	Oil Seal Assy - thru-shaft		1	473274N	Pre 8/83
	bearing cage			4561V	Triple lip seal
5	Snap Ring - thru-shaft	As	s req.		CALL YOUR SALES REP
6	Snap Ring - thru-shaft		1	1829A859	
7	Cup - thru-shaft bearing		2	LM603011	
8	Cone - thru-shaft bearing		2	LM603049	
9, 7	Bearing Cage Assy - thru-shaft		1	A3226X596	
10	Gasket - thru-shaft bearing cage		1	2208C445	
11	Thru-shaft	-	1	3280T5688	
12	Capscrew - thru-shaft bearing cage	e	4	15X387	(QRD/QRP, QRF)
13	Washer - thru-shaft bearing cage		4	1229K1597	
14	Capscrew - Diff. bearing cap		4	S21238-1	Aluminum cover
15	Washer - Diff. bearing cap		4	10X1023 1229V1556	Aluminum cover
15	Dowel pin - Diff. bearing cap		2		Not shown
16	Cotter - Diff. bearing adj. ring		2	See Item 47 1199R2176	Not shown
17	Adj. ring - Diff. bearing adj. ring		2	2214Z208	
19	Cup - Diff. bearing		2	JM716610	
20	Cone - Dliff. bearing		2	JM716649	
20	Rivet - Bevel gear to case (opt.)		12	RV71013	
22			12	15X1626	Available in KIT 2306
22		, QD, QP,	12	13/1020	
	LD, L				Available in KIT 570
23	Washer - Bevel gear to case		12	1229U1503	Available in KIT 570
24	Nut - Bevel gear to case		12	NL110-1	Available in KIT 570
5~, 25A~	*Differential Case Assy Main		1	A28-3235D1174	Standard ratios
32, 33,				A26-3235L1156	Medium ratios
33A				A19-3235C1173	Fast ratios
5~, 25A~,	*Differential Case and QHP	, QD-100		A18-3235D1174	
7, 28, 29,	Nest Assy. LD-1	00	1	A34-3235D1174	Standard ratios
0,31,32,33	QRD	-100		A44-3235D1174	
5~, 25A~,	*Differential Case and QHP	, QD-100		A17-3235L1156	
27, 28, 29,	Nest Assy. LD-1	00	1	A43-3235L1156	Medium ratios
0,31,32,33	QRD	-100		A51-3235L1156	
5~, 25A~,	*Differential Case and <u>QHP</u>	, QD-100		A13-3235C1173	
7, 28, 29,	Nest Assy. LD-1	00	1	A33-3235C1173	Fast ratios
0,31,32,33	QRD	-100		A43-3235C1173	
26~	*Drive gear & pinion assy.		1	See Page 113	
27	Spider-diff.		1	3278S305	
28	Thrust washer - Diff. side gear		2	1229T1034	
29		, QD-100		2234C783	2.10" - 41 Spline
	main differential		2	2234D966	2.00" - 39 Spline
	QRD			2234F1046	2.10" - 41 Spline
30			4	2233U151	
	QRD			2233J1024	
31	Thrust Washer - Diff. pinlion		4	1229R1032	
32	Washer - Diff. case		16	1229C1511	
33	Capscrew - Diff. case		16	S2826P-1	
33A	Thread locking liquid/diff. case		1	2297C3747	.34 oz. tube - See NOTE on Page 1
34	Plug-filler		1	P212	
35	Dowel-helical gear cover to cover		2	1246M455	
36	Spigot bearing - drive pinion		1	RU1570UM	
36A 37	Lock ring - drive pinion Cone - drive pinion bearing		1	1229A1301 72212C	
37	Cone - drive pinion bearing Cup - drive pinion bearing		2	722120	
38	Shim spacer - drive pinion	^	z s req.	12401	CALL YOUR SALES REP
39 40	Shim - Pinion .003		3 req.	2203A6319	Available in KIT 1500
40	forward bearing .005		4	2203A6319 2203B6320	
	cage .003		4	2203D6320 2203C6321	
	.010			220000021	1

### **ROCKWELL<sup>®</sup>** SL/SQ100, SQHP FRONT (Cont'd)

ITEM	DESCRIPTION	QTY	PART NO.	REMARKS
41, 38	Drive pinion cage & bearing	1	A3226R564	
10	Cup assembly		A3226U749	Aluminum carrier
42	Washer - drive pinion bearing cage	7 8	1229C1511	Aluminum carrier
43	Capscrew - drive pinion bearing cage	7	S2812-2	
		8	15X1558	Aluminum carrier
44	Gear - helical driven	1	3892S3945	
45	Washer - drive pinion	1	1229N1730	
46	Nut-drive pinion	1	1227N898	
47, 14,	Diff. carrier & cap assy.	1	A2-3200R1032	
15, 16 47A	Use with KIT 533 (Silastic) Adhesive - bearing cup	1	A2-3200L1078 2297T4180	Aluminum carrier Not shown, 25 cc tubes
				(1 tube per bearing)
48	Screw - thrust block adj.	1	15X1025	
49	Nut-drive gear thrust block screw	1	13X41	
50	Cone - Input shaft bearing cage	1	JM511946	
51 52	Cup - Input shaft bearing cage Shim .003	1	JM511910 2203R6518	Available in KIT 1500
52	<u>.005</u>	-   1	2203R0518 2203S6519	Available in Kit 1500
	.010	-   '	2203T6520	
53, 51	Input shaft bearing cage assy.	1	A3226M585	
54	Washer - Input shaft bearing cage	6	1229E1513	
55	Capscrew - Input shaft bearing cage	6	S2711-1	
56	Oil Seal - Input shaft	1	476023N	Pre 8/83
			100495	Trip lip seal
57	Deflector - yoke	1	DEFR50-4	
58, 57 59	Input shaft yoke assy. Washer - Input shaft	1	1229T1736	CALL YOUR SALES REP
60	Nut - Input shaft	1	122911730 1227R902	
61	Washer - helical gear cover to carrier	12	1229C1511	
62	Capscrew -	12	S2812-2	
	helical gear	2	S2812-2	Aluminum carrier
	cover to cover	10	15X1558	
63	Gasket - helical gear cover to carrier	1	1199T3842	(Silastic)
64	Cover - helical gear QHP,	1	3280U8081	After 8/83
64A	LP/QP-100 Cover - helical gear LD-100,	1	KIT 2268 3266H970	Prior to 8/83 After 8/83
044	QD-100		KIT 2269	Prior to 8/83
64B	Tube - helical gear cover	1	2297V2284	QHP, LP/QP-100
				Not shown - old style
64C	Plug - helical gear cover - Welch <sup>®</sup>	1	PW214	Not shown - old style
65	Plug - helical gear cover drain	1	P26	
66	Spring - push rod	1	2258U411	
67	Push rod	1	2244E83	After 8/83
00.00			2297X2494	Old style - Prior to 8/83
68, 69	Air shaft chamber assy.	1	A1-3261V308	Includes attaching hardware (Item No. 20) SEE KIT 2266
69	Capscrew - air shift chamber assy.	4	10X1334	Includes attaching hardware (Item No. 20) SEE KIT 2266
70, 71~	Shaft assy - pump drive	1	A1-2297B4240	SEE KIT 1588
72	Snap ring - pump shaft	1	1229G2763	Used with QHP, LP/QP-100 only.
73	Gear - pump drive	1	3892Z4368	Used with QHP, LP/QP-100 only.
74	Gear - pump driven	1	3892A4369	Used with QHP, LP/QP-100 only.
75	Shaft - pump idler	1	1199R3346	Used with QHP, LP/QP-100 only.
6, 79, 80, 81	Relief Valve pump cover assy.	1	A3266P510	Used with QHP, LP/QP-100 only.
77	Washer - pump cover	4	1229E1669	Used with QHP, LP/QP-100 only.
78	Capscrew - pump cover	2	S256-1	Used with QHP, LP/QP-100 only.
79	Ball-relief valve	1	1898E57	Used with QHP, LP/QP-100 only.
80 81	Spring-relief valve Plug-relief valve assy. with o-ring	1	2258A521 A1199V3402	Used with QHP, LP/QP-100 only. Used with QHP, LP/QP-100 only.
82	Adapter-filter	1	2297E2293	Used with QHP, LP/QP-100 only.
83	Washer-filter adapter	2	1229E1669	Used with QHP, LP/QP-100 only.
84	Capscrew-filter adapter	2	S2510-1	Used with QHP, LP/QP-100 only.

#### ➤ = Not serviced separately.

### SL/SQ100, SQHP FRONT (Cont'd)

ITEM	DESCRIPTION	QTY	PART NO.	REMARKS
85	Filter-oil	1	3280V5040	Used with QHP, LP/QP-100 only.
86	Shield-oil filter	1	3280V6964	Used with QHP, LP/QP-100 only.
86A	Washer	4	1229E1669	Used with QHP, LP/QP-100 only.
87	Locknut-pump shield	2	NL25-1	
88	Stud-pump shield & pump cover	2	4X1707	
89	Cup - Input shaft rear bearing	1	JLM710910	
90	Cone - Input shaft rear bearing	1	JLM710949C	2234E1019 & JLM710949C available as A2234E1019 assy.
91	Differential side gear	1	2234E1019 MPS3344	2234E1019 & JLM710949C available as A2234E1019 assy. LD/QD-100 - Prior to 12/85
			MPS3345	QHP, LP/QP-100 - Prior to 12/85
92A	Capscrew - Inter-axle diff.	8	S2524-1	Not shown. Available as KIT 1590
92B	Washer - Inter-axle diff.	16	1229E1669	Not shown. Available as KIT 1590
92C	Nut - Inter-axle diff.	8	NL25-1	Not shown. Available as KIT 1590
92D	Thread locking liquid/diff. case	1	2297C3747	.34 oz. tube - SEE NOTE below.
92A, 92B, 2C, 93, 94, 95, 96	Inter-axle diff. & nest assy. 2.00" - 39 Spline	1	A3235F1800	
92A, 92B,	Inter-axle diff. & nest assy.	1	A3-3235F1800	
2C, 93, 94 95, 96	2.10" - 41 Spline		MPS3344 MPS3345	LD/QD-100 - 12/85 & Later QHP, LP/QP-100 - 12/85 & Later
96	Spider - Inter-axle diff. 2.00" - 39 Spline 2.10" - 41 Spline	1	3278H372 3278A1093	Effective 3/84. Effective 2/86 (welded inter-axle diff.)
97	Gear - helical drive	1	3892M4927 3892F4738	Effective 3/84 - Use with 1014-1015 shaft Effective 3/84 - Use with 110 shaft
98	Thrust Washer	1	1229H2764 1229M4069	Effective 3/84 - 2.25" I.D. Not interchangeable with 1229H2764, effective 2/86 Effective 2/86 (welded inter-axle diff.)
99, 99A 59, 60	Input Shaft	1	A1-3297A1015	QHP, LP/QP-100 only. 2.10" - 41 Spline with pump - Effective 12/85
99, 59, 60	Input Shaft 2.00" - 39 Spline 2.10" - 41 Spline Less Pump	1	A3297F110 A1-3297Z1014	LD/QD-100 only. Effective 3/84 LD/QD-100 only. Effective 2/86 (welded inter- axle diff.)
99A	Ball-Input shaft	1	1228K37	QHP, LP/QP-100 only. Not shown. Repl. 1898B70
100	Shift fork	1	A3296T150 3296E57 KIT 2268 KIT 2269	After 8/83 Old style - Prior to 8/83 QHP, LP/QP-100 - Prior to 8/83 LD/QD-100 - Prior to 8/83
101	Clutch collar - Input shaft	1	3280G5519	
102	Stop screw - push rod	1	S1812-1	
103	Locknut - stop screw	1	13X15	

#### NOTE: THREAD LOCKING LIQUID/DIFFERENTIAL CASE HALVES

When assembling differential case halves in Rockwell International<sup>®</sup> axles, a thread locking adhesive should be used. The recommended procedure is as follows:

- 1. Wipe excess oil and residue from the threaded holes in the case. The holes should be relatively oil-free.
- If new bolts are used, a yellow coating of Dri-Loc<sup>™</sup> should appear on the threads. Assemble the case with these coated bolts to the required torque.
- 3. If the **original** bolts are reused or **regular bolts** without Dri-Loc<sup>™</sup> are used, Rockwell<sup>®</sup> Part No. 2297C3747 should be used as a thread locking adhesive. <u>Apply the adhesive to the differential case holes only.</u> Thread the bolts and tighten to the required torque.

IMPORTANT: Do not apply Rockwell<sup>®</sup> Part No. 2297C3747 to Dri-Loc<sup>™</sup> coated bolts. Refer to Rockwell<sup>®</sup> Service.

### SL/SQ100 (2" - 39 SPLINE)

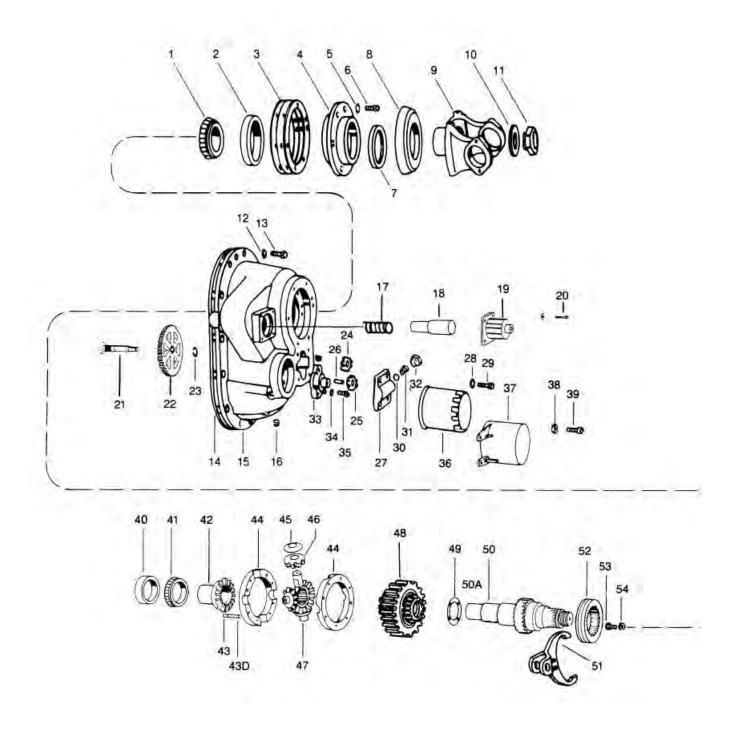
PART NUMBER		RATIO	AXLE
A39446-1	FAST	3.42	SL/SQ100 FRONT
A37278-2		3.55	
A37596-2		3.70	
A39170-1		3.73	
A38002-1		3.90	ALL QHP, QD/QP,
			LD/LP-100
A38836-1	MEDIUM	4.10	FORWARD - REAR
A37404-1		4.33	
A37530-2		4.44	
A37540-2		4.63	
A37398-1	STANDARD	4.88	QRD RATIOS
A37396-2		5.29	3.42 TO 5.86
A38824-1		5.86	
A38830-1		6.14	
A38240-1		6.83	
A38834-1		7.17	
A37258-2		7.80	

- \* = Non-interchangeable. 3.70 or 3.73 ratios must be the same for both Forward-Rear and Rear-Rear axle ratios. (i.e. 3.73 Forward-Rear and 3.73 Rear-Rear).
- \*\* = Available for SQ-100/P and SL-100/P only (with or without pump).

# NOTES

PARTS LISTED IN THIS CATALOG ARE NOT NECESSARILY MANUFACTURED BY THE ORIGINAL EQUIPMENT MANUFACTURER AND ANY REFERENCE TO THE TRADEMARKS OR PART NU OF OTHERS ARE FOR CROSS REFERENCE INFORMATIONAL PURPOSES ONLY. THE TRADEMARKS OF OTHERS REFERRED TO HEREIN ARE OWNED BY THEIR RESPECTIVE COMPANIE	

#### INTER-AXLE DIFFERENTIAL ASSEMBLY - SL/SQ100 QHP, QD-100, QP-100, LD-100, LP-100, QRD-100, QRP-100



#### INTER-AXLE DIFFERENTIAL ASSEMBLY - SL/SQ100 QHP, QD-100, QP-100, LD-100, LP-100, QRD-100, QRP-100

ITEM	DESCRIPTION	QTY	PART NO.	REMARKS
1	Cone-input shaft bearing cage	1	JM-511946	
2	Cup-input shaft bearing cage	1	JM-511910	
	Shim003		2203-R-6518	Available in KIT 1500
3	input shaft .005	1	2203-S-6519	
	bearing cage .010		2203-T-6520	
4	Input shaft bearing cage assy	1	A-3226-M-585	
5	Washer - Input shaft bearing cage	6	1229-E-1513	
6	Capscrew - Input shaft bearing cage	6	S-2711-1	
7	Oil seal - Input shaft	1	A-1205-E-1227 - 476023N	Pre 8-83
			A-1205-F-2424 - 100495	Triple lip seal
8	Deflector-yoke	1	DEFR50-4	
9,8	Input shaft yoke assy	1		CALL YOUR SALES REP
10	Washer - Input shaft	1	1229-T-1736	
11	Nut - Input shaft	1	1227-R-902	
12	Washer - helical gear cover to carrier	12	1229-C-1511	
	Capscrew	12	S-2812-2	
13	helical gear	2	S-2812-2	Aluminum carrier
10	cover to cover	10	15-X-1558	
14	Gasket - helical gear cover to carrier	1	1199-T-3842	(Silastic) SEE KIT 533
15	Cover - helical gear QHP,	1	3280-U-8081	After 8/83
15	LP/QP-100		KIT-2268	Prior to 8/83
15A	Cover - helical gear LD-100,	1	3266-H-970	After 8/83
IJA	QD-100	· · ·	KIT 2269	Prior to 8/83
150		1		
15B	Tube - helical gear cover		2297-V-2284	QHP, LP/QP-100 NOT SHOWN - OLD STYLE
15C	Plug - helical gear cover - Welch <sup>®</sup>	1	PW-214	NOT SHOWN - OLD STYLE
16	Plug - helical cover drain	1	P-26	
17	Spring - push rod	1	2258-U-411	
18	Push rod	1	2244-E-83	After 8/83
10			2297-X-2494	OLD STYLE - Prior to 8/83
19, 20	Air shift chamber assy	1	A1-3261-V-308	Includes attaching hardware (Item No. 20) SEE KIT 2266
20	Capscrew - air shift chamber assy	4	10-X-1334	(
21, 22	Shaft assy - pump drive	1	A1-2297-B-4240	SEE KIT 1588
23	Snap ring - pump shaft	1	1229-G-2763	
24	Gear - pump drive	1	3892-Z-4368	
25	Gear - pump driven	1	3892-Z-4369	
26	Shaft - pump idler	1	1199-R-3346	
, 30, 31, 32		1	A-3266-P-510	
28	Washer - pump cover	4	1229-E-1669	
		2		-
29	Capscrew - pump cover	1	<u>S-256-1</u>	
30	Ball - relief valve	1	1898-E-57	Used with QHP,
31	Spring - relief valve		2258-A-521	LP/QP-100 only
32	Plug - relief valve assy with ring	1	A-1199-V-3402	
33	Adapter - filter	1	2297-E-2293	
34	Washer - filter adapter	2	1229-E-1669	
35	Capscrew - filter adapter	2	S-2510-1	
36	Filter - oil	1	3280-V-5040	
37	Shield - oil filter	1	3280-V-6964	
37A	Washer	4	1229-E-1669	
38	Locknut - pump shield	2	NL-25-1	
39	Stud - pump shield & pump cover	2	4-X-1707	
40	Cup - input shaft rear bearing	1	JLM-710910	
41	Cone - input shaft rear bearing	1	JLM-710949C	2234-E-1019 & JLM-710949C
42	Differential side gear	1	2234-E-1019	avail. as A-2234-E-1019 assy
	-		MPS 3344	LD/QD-100 - Prior to 12/85
			MPS 3345	QHP, LP/QP-100 - Prior to 12/85
43A	Capscrew - inter axle diff.	8	S-2524-1	
43B	Washer - inter axle diff.	16	1229-E-1669	Not shown - Available as KIT 159
43C	Nut - inter axle diff.	8	NL-25-1	
43D	Thread locking liquid/diff. case	1	2297-C-7049	.34 oz. tube

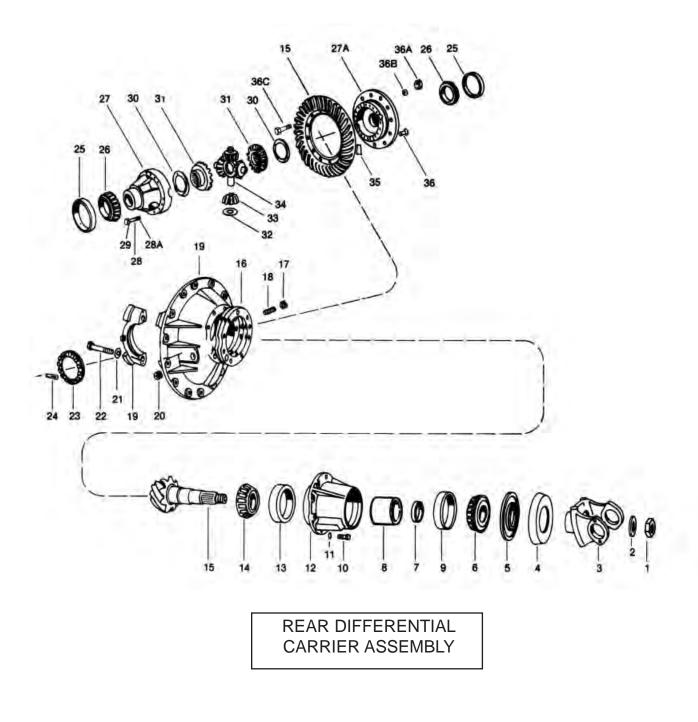
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#### INTER-AXLE DIFFERENTIAL ASSEMBLY - SL/SQ100 QHP, QD-100, QP-100, LD-100, LP-100, QRD-100, QRP-100

ITEM	DESCRIPTION		QTY	PART NO.	REMARKS
43A, 43B,	Inter-axle diff. &				
43C, 44, 45, 46, 47	nest assy	2.00" - 39 spline	1	A-3235-F-1800	
43A, 43B,	Inter-axle diff. &		1	A3-3235-F-1800	
43C, 44, 45,	nest assy	.2.10" - 41 spline	1	MPS 3344	LD/QD-100 - Prior to 12/85
46, 47				MPS 3345	QHP, LP/QP-100 - Prior to 12/85
47	Spider - inter-axle diff.	2.00" - 39 spline	1	3278-H-372	
		2.10" - 41 spline		3278-A-1093	
48	Gear - helical drive		1	3892-M-4927	Use with 1014 - 1015 shaft
				3892-F-4738	Use with 110 shaft
				MPS 3344	LD/QD-100 - Prior to 12/85
				MPS 3345	QHP, LP/QP-100 - Prior to 12/85
49	Thrust washer		1	1229-H-2764	2.25" I.D.
				1229-M-4069	2.39" I.D.
50, 50A				A1-3297-A-1015	QHP, LP/QP-100 only.
10, 11	Input shaft	2.10" - 41 spline	1	MPS 3345	
	with pump			Effective 12/85	
50, 10, 11	Input shaft	2.00" - 39 spline	1	A-3297-F-110	LD/QD-100 only.
				A-3297-Z-1014	LD-QD-100 only.
		2.10" - 41 spline		MPS 3344	
		less pump		Effective 12/85	
50A	Ball - input shaft		1	1228-K-37	QHP, LP/QP-100 only - Not shown.
					Repl. 1898-B-70
51	Shift fork		1	A-3296-T-150	After 8/83
				3296-E-57	Old style - Prior to 8/83
				KIT 2268	QHP, LP/QP-100 - Prior to 8/83
				KIT 2269	LD/QD-100 - Prior to 8/83
52	Clutch - collar-input shaft		1	3280-G-5519	
53	Stop screw - push rod		1	S-1812-2	
54	Locknut - stop screw		1	NUJA8-20-6	



### SQHP/REAR/QAR



#### SQHP/REAR/QAR

ITEM	DESCRIPTION	QTY	PART NO.	REMARKS
	Bearing, Seal & Gasket Kit		RA194R	
1	Nut - drive pinion	1	1227R902	
2	Washer - drive pinion	1	1229F2918	
3, 4	Yoke/flange input	1		CALL YOUR SALES REP
4	Deflector-yoke input	1	DEFR50-7	
5	Oil Seal - yoke flange	1	3905	Pre 8/83
			4562V	Triple lip seal
6	Cone - Outer bearing	1	72225C	
7	Spacer - pinion bearing	As req.		CALL YOUR SALES REP
8	Sleeve - pinion bearing	1	1244F1592	
9	Cup - Outer bearing	1	72487	
10	Capscrew - bearing cage	8	S2812-2	
			15X1558	Aluminum carrier
11	Washer - bearing cage	8	1229C1511	
12, 13	Drive pinion cage & cup assy.	1	A3226W569	
13	Cup - inner bearing	1	65500	
14	Cone - inner bearing	1	65237	
15~	* Drive gear & pinion assy.	1	See Page 120	
16	Shim - pinion .003	1	2203C8115	Available as KIT 1568.
	.005	3	2203D8116	
	.010	4	2203E8117	
17	Nut - thrust block adj. screw	1	13X41	
18	Adj. screw - thrust block	1	10X382	
19, 20	Differential carrier & cap assy.	1	A2-3200Y1039	
21	Use with KIT 533 (Silastic)		A2-3200N1080	Aluminum carrier
19A	Adhesive - bearing cup	1	2297T4180	Not shown - 25 cc tubes
20	Plug - filler	1	P212	
21	Washer - diff. bearing cap	4	1229V1556	
22	Capscrew - diff. bearing cap	4	S21238-1	
22	Capsolew and bearing cap		10X1023	Aluminum carrier
23	Adj. ring-diff. bearing	2	2214Z208	
23	Cotter - diff. bearing adj. ring	2	1199R2176	
25	Cup - diff. bearing	2	JM716610	
26	Cone - diff. bearing	2	JM716649	
27~, 27A~,	* Differential case assembly	2	A28-3235D1174	Standard ratios
27~, 27A~, 28, 29	Differential case assembly	1	A26-3235L1156	Medium ratios
20, 29		I		Fast ratios
27 274			A19-3235C1173	Standard ratios
27~, 27A~,	* Diff. case & nest assy.	1	A18-3235D1174	Medium ratios
28, 29, 30,	Dill. Case & flest assy.	1	A17-3235L1156	
31, 32, 33,			A13-3235C1173	Fast ratios
34	Concernent Diff accer	40	C000CD 1	
28	Capscrew - Diff. case	16	S2826P-1	Available in KIT 2467
28A	Thread locking liquid/diff. case	1	2297C3747	.34 oz. tube - SEE NOTE,next page.
29	Washer - Diff. case	16	1229C1511	
30	Thrust washer - side gear	2	1229T1034	
31	Side gear - diff.	2	2234C783	
32	Thrust washer - diff. pinion	4	1229R1032	
33	Pinion - diff.	4	2233U151	
34	Spider - diff.	1	3278\$305	
35	Thrust block - Drive gear	1	2297Q563	
36	Rivet - gear to case	12	RV71013	
36A	Bolt - gear to case	12	15X1523	Available as KIT 570
36B	Washer - gear to case	12	1229U1503	Available as KIT 570
36C	Nut - gear to case	12	NL110-1	Available as KIT 570

### = Not serviced separately. Supplify notice Without also

= Specify ratios. When changing ratios from standard to medium or fast, you must change differential cases.

### SQHP/REAR/QAR (Cont'd)

#### NOTE: THREAD LOCKING LIQUID/DIFFERENTIAL CASE HALVES

When assembling differential case halves in Rockwell International<sup>®</sup> axles, a thread locking adhesive should be used. The recommended procedure is as follows:

1. Wipe excess oil and residue from the threaded holes in the case. The holes should be relatively oil-free.

- 2. If **new bolts** are used, a yellow coating of Dri-Loc<sup>™</sup> should appear on the threads. Assemble the case with these coated bolts to the required torque.
- 3. If the **original** bolts are reused or **regular bolts** without Dri-Loc<sup>™</sup> are used, Rockwell<sup>®</sup> Part No. 2297C3747 should be used as a thread locking adhesive. <u>Apply the adhesive to the differential case holes only.</u> Thread the bolts and tighten to the required torque.

IMPORTANT: Do not apply Rockwell<sup>®</sup> Part No. 2297C3747 to Dri-Loc<sup>™</sup> coated bolts. Refer to Rockwell<sup>®</sup> Service.

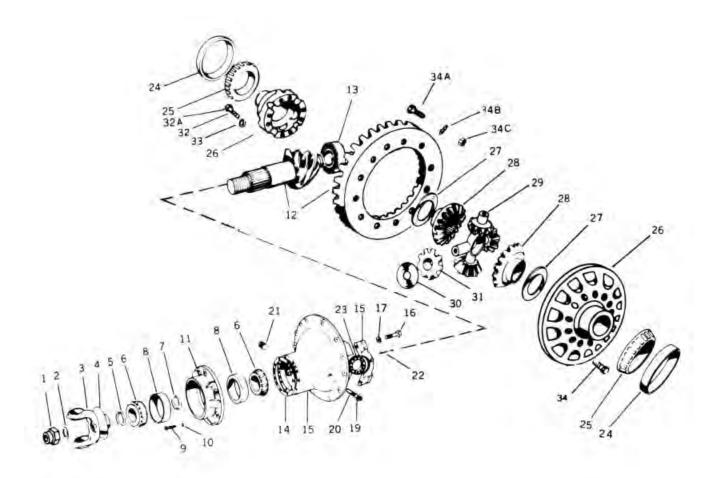
A37594-3         FAST         3.55           A37598-3*         3.70*           A39166-1*         3.73*           A38000-3         3.90           A38758-1         MEDIUM           A38752-3         4.33           A37532-3         4.44           A37534-3         4.63           A37534-3         5.29           A38826-1         6.14           A38246-1         6.83	PART NUMBER	R	ATIO	AXLE
A37542-3         4.33         QAR/SQHP REAR-REAR           A37532-3         4.44         4.63         4.63           A37534-3         STANDARD         4.88         4.63           A37536-3         5.29         6.14         4.61	A37598-3 * A39166-1 *	FAST	3.70 * 3.73 *	
A37536-3       5.29         A38826-1       6.14	A37542-3 A37532-3	MEDIUM	4.33 4.44	QAR/SQHP REAR-REAR
	A37536-3 A38826-1	STANDARD	5.29 6.14	

### SQHP/REAR/QAR

\* = Non-interchangeable. 3.70 or 3.73 ratios must be the same for both Forward-Rear and Rear-Rear axle ratios. (i.e. 3.73 Forward-Rear and 3.73 Rear-Rear).

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#### SL/SQ100 REAR



REAR-REAR DIFFERENTIAL CARRIER ASSEMBLY

### SL/SQ100 REAR

ITEM	DESCRIPTION	QTY	PART NO.	REMARKS
	Bearing, Seal & Gasket Kit		RA194RBR	
1	Nut - yoke input	1	1227R902	
2	Washer - yoke input	1	1229T1736	
3, 4	Companion yoke & slinger assembly	1		CALL YOUR SALES REP
4	Deflector - yoke input	1	2297N3888	
5	Oil seal assembly	1	3905	Pre 8/83
			4562V	Triple lip seal
6	Cone - Inner & outer bearing input	2	72212C	
7	Spacer - bearing cone	As req.		CALL YOUR SALES REP
8	Cup - Inner & outer bearing input	2	72487	
9	Capscrew - forward bearing cage	8	S2812-2	
10	Washer - forward bearing cup	8	1229C1511	
11, 8	Bearing cup & cage assy.	1	A3226Z806	
12~	* Drive gear & pinion assembly	1	See Page 123	
13	Bearing-spigot drive pinion	1	RU1570UM	
14	Shim - forward .003	As req.	2203C8115	
17	bearing cage .005		2203D8116	
	.005 .010	-	2203D8110 2203E8117	
5, 15A, 16	Differential carrier & cap assy.	1	A2-3200N1314	
, ,				
17, 18	Use with KIT 533 (Silastic)		A2-3200T1346	Aluminum carrier
15A	Adhesive - bearing cup	1	2297T4180	Not shown, 25 cc tubes
16	Capscrew - differential bearing cap	4	S21238-1	
17	Washer - differential bearing cap	4	1229V1556	
18~	Dowel - differential bearing cap	2	See Item 15	Not shown
19	Locknut - thrust screw	1	13X41	
20	Screw - thrust drive gear	1	15X1025	
21	Plug-oil fill & inspection	1	P212	
22	Cotter pin-adjusting ring	2	1199R2176	
23	Adjusting ring - differential bearing	2	2214Z208	
24	Cup - bearing differential	2	JM716610	
25	Cone - bearing differential	2	JM716649	
26~, 26A~,	* Differential case QR-100		A18-3235D1174	
26,28,29,30,	& nest assy. LR-100	_ 1	A34-3235D1174	Standard ratios
31, 32, 33	QRR-100	' _	A44-3235D1174	olandara ratioo
26~, 26A~,	* Differential case assy.	1	A28-3235D1174	
32, 33	Differential base assy.		N20 0200D 1114	
26~, 26A~,	* Differential case & QR-100		A17-3235L1156	
26,28,29,30,		_ 1	A43-3235L1156	Medium ratios
		—   '		Medium ratios
<u>31, 32, 33</u>	QRR-100	4	A51-3235L1156	Madium ratio
26~, 26A~,	* Differential case assy.	1	A26-3235L1156	Medium ratio
32, 33				
26~, 26A~ <b>,</b>	* Differential case & <u>QR-100</u>	-   .	A13-3235C1173	
6,28,29,30,	nest assy. <u>LR-100</u>	_   1	A33-3235C1173	Fast ratios
31, 32, 33	QRR-100		A43-3235C1173	
26~, 26A~,	* Differential case assy.	1	A19-3235C1173	Fast ratio
32, 33				
27	Washer - thrust-side gear	2	1229T1034	
28	Side gear - diff. QR-100	_   _   _	2234C783	2.10" - 41 Spline
	LR-100	2	2234D966	2.00" - 39 Spline
	QRR-100		2234F1046	2.10" - 41 Spline
29	Spider - differential	1	3278S305	
30	Washer - thrust differential pinion	4	1229R1032	
31	Pinion - differential QR/LR-100	4	2233U151	
	QRR-100	4	2233J1024	
32	Capscrew - diff. case	16	S2826P-1	Available in KIT 2467
32A	Thread locking liquid/differential case	1	2297C3747	.34 oz. tube - SEE NOTE.
33	Washer - differential case	16	1229C1511	.0+ 02. tube - <b>3LL NOTE.</b>
	Rivet-diff. case to gear (opt.)			
34		12	RV71013	Available as KIT 570.
34A		00 12	15X1523	
	case to gear QRR-100		15X1626	(SQR use KIT 2306)
34B	Washer - differential case to gear	12	1229U1503	
34C	Nut - differential case to gear	12	NL110-1	1

#### ➤ = Not serviced separately.

#### \* = Specify ratios. When changing ratios from standard to medium or fast, you must change differential cases.

### SL/SQ-100 (Cont'd)

#### NOTE: THREAD LOCKING LIQUID/DIFFERENTIAL CASE HALVES

When assembling differential case halves in Rockwell International<sup>®</sup> axles, a thread locking adhesive should be used. The recommended procedure is as follows:

1. Wipe excess oil and residue from the threaded holes in the case. The holes should be relatively oil-free.

- 2. If **new bolts** are used, a yellow coating of Dri-Loc<sup>™</sup> should appear on the threads. Assemble the case with these coated bolts to the required torque.
- 3. If the **original** bolts are reused or **regular bolts** without Dri-Loc<sup>™</sup> are used, Rockwell<sup>®</sup> Part No. 2297C3747 should be used as a thread locking adhesive. <u>Apply the adhesive to the differential case holes only.</u> Thread the bolts and tighten to the required torque.

IMPORTANT: Do not apply Rockwell<sup>®</sup> Part No. 2297C3747 to Dri-Loc<sup>™</sup> coated bolts. Refer to Rockwell<sup>®</sup> Service.

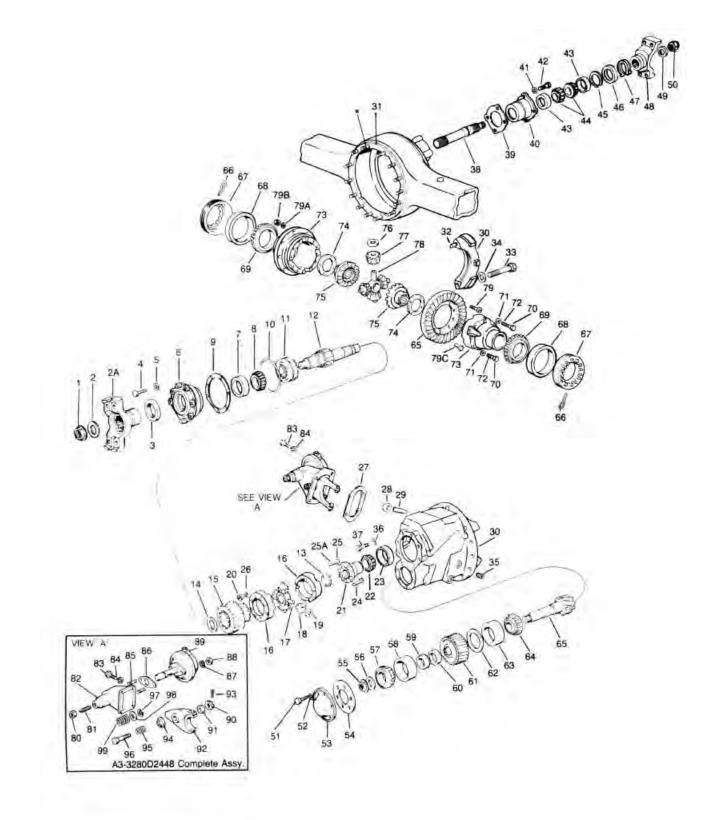
PART NUMBER	RAT	AXLE	
A39424-1 **	FAST	3.42	SL/SQ-100 REAR
A37326-1		3.55	
A38512-1 *		3.70 *	LR/QR-100P
A39168-1		3.73 *	REAR-REAR
A38520-1		3.90	
A38730-1	MEDIUM	4.10	
A37382-1	MEDIOM	4.33	
A37564-1		4.44	
A37566-1		4.63	
A37392-1	STANDARD	4.88	QRR RATIOS
A37376-1		5.29	3.42 TO 5.86
A38822-1		5.86	
A38828-1		6.14	
A38526-1		6.83	
A38832-1		7.17	
A37306-2		7.80	

### SL/SQ-100 (2" 39 SPLINE)

\* = Non-interchangeable. 3.70 or 3.73 ratios must be the same for both Forward-Rear and Rear-Rear axle ratios. (i.e. 3.73 Forward-Rear and 3.73 Rear-Rear).

\*\* = Available for SQ-100/P and SL-100/P only (with or without pump).

#### SSHD FRONT



#### SSHD FRONT

ITEM	DESCRIPTION	QTY	CARRIER 3200-M-585 PART NUMBER DATE 1/74	CARRIER 3200-R-1162 PART NUMBER DATE 1/76	CARRIER 3200-P-1420 PART NUMBER DATE 1/83	REMARKS
	Bearing, Seal & Gasket Kit		RA172FR	RA172FAR	RA172FBR	
1	Nut - input shaft	1	1227D940	1227D940	1227D940	
2	Washer - input shaft nut	1		1229\$1605	1229S1605	
 2A	Yoke/flange-input shaft	1				CALL YOUR SALES REP
3	Oil seal-input shaft bearing cage	1	417487	416470N	100494	
4	Capscrew-input shaft bearing case	7	\$2712-2	\$2712-2	S2712-2	
5	Washer-inut shaft bearing cage	7	1229E1513	1229E1513	1229E1513	
6, 7	Bearing cage assy input shaft	7	3226M351	KIT 2427	KIT 2427	
7	Bearing cup-input sharft bearing cage	1	313 (Ball bearing assy.)	JH211710	JH211710	
8	Bearing cone-input shaft brg. cage	1		JH211749	JH211749	
9	Shim-input <u>.003</u>	3	2203G4089	2203Q6803	2203Q6803	
	bearing cage .005	2	2203H4090	2203R6804	2203R6804	
	.010	1		2203S6805	2203S6805	
10	O-ring input shaft bearing	1	5X591	5X591	5X591	
11	Clutch collar	1	MPS2259	KIT 2427	KIT 2427	
1, 12, 13	Input shaft assy.	1	A1-3280S5609	KIT 2498	KIT 2498	
13	Retainer - Input shaft	1	1229R1604 ^	1229V2570 ^	1229V2570 ^	Used before 7/24/89
	(snap ring)	1	1229L4354 ^^	1229L4354 ^^	1229L4354 ^^	Used after 7/24/89
14	Thrust washer - input shaft gear	1	1229M2769R	1229M2769R	1229M2769R	
15	Gear - inlput drive	1	3892F1826	3892F1826	3892F1826	
16~, 20, 25, 26	Case assy., - Inter-axle diff.	1	A3235W751	A1-3235G1801	A1-3235G1801	
16~ thru 19, 20, 25, 26	Case & nest assy. Inter-axle diff.	1	Must purchase A3235W751 & Items 17, 18, 19, 20 and 21A separately	A2-3235F1800	A2-3235F1800	
17	Spider - Inter-axle diff.	1	3278Y129	3278V1088	3278V1088	
18	Pinion - Inter-axle diff.	4	2233W153	2233W153	2233W153	
19	Thrust washer - Inter-axle diff. pinion	4	1229T1606	1229T1606	1229T1606	
20	Nut - Inter-axle diff. case bolt	8		NL27-1	NL27-1	SEE KIT 389
21	Side gear - Inter-axle diff.	1	2234F604	2234M793	2234M793	
21A	Washer - side gear - Inter-axle diff.	1	1229N1600			Not shown.
22	Bearing cone - Inter-axle diff. rear	1	MU1015DCV (Ball bearing assy.)	JLM714149	JLM714149	
23	Bearing cup - Inter-axle diff. rear	1		JLM714110	JLM714110	
24	Rivet - Inter-axle diff. case	8		17X234	17X234	
25	Bolt - Inter-axle diff. case	8	S2722A-1	S2726-1	S2726-1	*SEE KIT 389
25A	Thread locking liquid/diff. case	1	2297C3747	2297C3747	2297C3747	.34 oz. tube - SEE NOTE following parts listing.
26	Washer - Inter-axle diff. case bolt	16	1229E1513	1229E1513	1229E1513	SEE KIT 389 .
27	Gasket - Shift housing	1	2208G501	2208G501	2208G501	
28	Nut	1	13X41	13X41	13X41	
29	Screw-thrust	1	15X1025	15X1025	15X1025	
30~, 33, 32~, 34	Carrier & cap assy.	1	MPS2255	A2-3200P1420	A2-3200P1420	
31	Gasket - carrier to hsg. (Silastic)	3 oz.	1199T3842	1199T3842	1199T3842	SEE KIT 533
32~	Dowel-bearing cap	4	1898Z1066	1898Z1066	1898Z1066	
33	Capscrew - Diff. bearing cap	4	S21444-1	S21444-1	S21444-1	
34	Washer - Diff. bearing cap	4	1229T1554	1229T1554	1229M1625	
35	Plug-filler	1	P212	P212	1250E473	
36	Washer - carrier to housing	14		1229U1503	1229U1503	
			1	S21014-1		

Not serviced separately.

\* = 1229R1604 & 1229V2570 are required for square cut groove.

^^ = 1229L4354 is required for round cut groove.

\* = Specify ratios. When changing ratios from standard to medium or fast, you must change differential cases.

## ROCKWELL<sup>®</sup> SSHD FRONT (Cont'd)

ITEM	DESCRIPTION	QTY	CARRIER 3200-M-585 PART NUMBER DATE 1/74	CARRIER 3200-R-1162 PART NUMBER DATE 1/76	CARRIER 3200-P-1420 PART NUMBER DATE 1/83	REMARKS
38	Thru-shaft	1	A3280Z2444 (Includes Item 50)	3280L6720	3280L6720	
39	Gasket - thru-shaft bearing cage	1	2208C445	2208C445	2208C445	
40~, 43	Cage assy. thru-shaft bearing	1	A3226X180	A3226W699	A3226W699	
41	Washer - thru-shaft bearing cage	4	1229K1597	1229U1503	1229K1597	
42	Capscrew - thru-shaft brg. cage	4	S268-2	S268-2	S268-2	
43	Bearing cup - thru-shaft	2	210	JLM104910	JLM104910	
44	inner & outer Bearing cone - thru-shaft	2	(Ball brg. assy.)	LM104949	LM104949	
44	Snap Ring - thru-shaft	1	1229L1598	LIVI 104949	LIVI104949	CALL YOUR SALES REF
46	Oil seal - thru-shaft bearing cage	1	475322N	475322N	4874N	CALL FOOR DALLO KEI
47	Thrust washer - thru-shaft brg.	1	17002211	1229C2057	1229C2057	
48	Yoke/flange - thru-shaft	1				CALL YOUR SALES REP
49	Washer - thru-shaft rear yoke	1		1229T1736	1229T1736	
50	Nut - thru-shaft rear yoke	1	1227A937	1227J946	1227J946	
51	Capscrew - drive pinion brg. cover	6	S266-1	S266-1	S266-1	
52	Washer - drive pinion brg. cover	6	1229C1017	1229C1017	1229C1017	
53	Cover - drive pinion bearing	1	3262H112	3262H112	3262H112	
54	Gasket - drive pinion brg. cover	1	2208F500	2208F500	2208F500	
55	Nut - drive pinion shaft	1	1227D940	1227D940	1227D940	
56	Washer - drive pinion shaft	1	1229S1605	1229S1605	1229S1605	
57	Bearing cone - drive pinion outer	1	65237	65237	65237	
58 59	Bearing cup - drive pinion outer Spacer - drop gear box	1	65500 1244G787	65500 1244G787	65500 1244G787	
60	Spacer - pinion bearing	As	12440707	12440707	12446707	CALL YOUR SALES REP
00	Spacer - pinion bearing	req.				CALL TOOK SALLS KEP
61	Gear-driven drop box	1	3892D1798	3892D1798	3892D1798	
62	Shim-drive .003	4	2203F2788	2203F2788	2203F2788	
	.005	2	2203G2789	2203G2789	2203G2789	
	.010	4	2203H2790	2203H2790	2203H2790	
63	Bearing cup - drive pinion inner	1	H715311	H715311	H715311	
64	Bearing cone - drive pinion outer	1	H715343	H715343	H715343	
65~	Drive gear & pinion assy.	1				See Page 127
66	Cotter-diff. bearing adj. ring	2	1199M2457	1199M2457	1199M2457	
67	Adj. ring-diff. bearing	2	2214X50	2214X50	2214X50	
68	Bearing cup - diff. Bearing cone - diff.	2	47820 47890	47820	47820	
69 70	Capscrew Short	2 4	S21020A-1	47890 S21020A-1	47890 S21020A-1	
70	diff. case Long	8	S21020A-1 S21028A-1	S21020A-1 S21028A-1	S21020A-1 S21028A-1	
71	Washer - diff. case capscrew	12	1229U1503	1229U1503	1229U1503	
72	Thread locking liquid/diff. case	1	2297C3747	2297C3747	2297C3747	.34 oz. tube - SEE NOTE
-						following parts listing.
73~, 70,	Diff. case assy main	1	A32-3235N1106	A32-3235N1106	A3235N1678	Standard ratio
72, 72	-	1	A39-3235Q1109	A39-3235Q1109	A3235Q1681	Fast ratio
70 thru	Diff. case & nest assy - main	1	A4-3235N1106	A4-3235N1106	A3-3235N1678	Standard ratio
78	(for axle using 2-1/4" - 23 spline)	1	A6-3235Q1109	A6-3235Q1109	A3-3235Q1681	Fast ratio
70 thru	Diff. case & nest assy - main	1	A1-3235N1106	A1-3235N1106	A1-3235N1678	Standard ratio
78	(for axle using 2-3/8" - 24 spline)	1	A1-3235Q1109	A1-3235Q1109	A1-3235Q1681	Fast ratio
74	Thrust washer - diff. side gear	2	1229E993	1229E993	1229E993	тм
75	Side gear <u>23 Spline</u>	2	2234K271	2234K271	2234K271	No-Spin <sup>™</sup> A3230V22
	main diff. 24 Spline	2	2234F344	2234F344	2234F344	No-Spin <sup>™</sup> A3230W23
76	Thrust washer - diff. pinion	4	1229D992	1229D992	1229D992	
77	Pinion - diff.	4	2233U99	2233U99	2233U99	
78	Spider - diff.	1	3278A79	3278A79	3278A79	
79	Capscrew	12	15X1707	15X1707	15X1707	
79A	Washer - gear to case	12	1229U1503	1229U1503	1229U1503	
79B	Nut - gear to case	12	NL110-1	NL110-1	NL110-1	

~ - Not serviced separately.

\* = 1229R1604 & 1229V2570 are required for square cut groove.

^^ = 1229L4354 is required for round cut groove.

### SSHD FRONT (Cont'd)

ITEM	DESCRIPTION	QTY	CARRIER 3200-M-585 PART NUMBER DATE 1/74	CARRIER 3200-R-1162 PART NUMBER DATE 1/76	CARRIER 3200-P-1420 PART NUMBER DATE 1/83	
79C	Rivet - bevel gear to case	12	RV71016	RV71016	RV71016	
80	Nut-jam	1	N18-1	N18-1	N18-1	
81	Adj. screw - shift housing	1	S1811-1	3X338	3X338	
82, 85	Shift housing assy.	1	A3280D2448	A3280D2448	A3280D2448	
83	Capscrew - Shift housing	4	S268-2	S268-2	S268-2	
84	Washer - Shift housing capscrew	4	1229C1017	1229C1017	1229C1017	
85	Capscrew - chamber to housing	2	SN613-1	S268-2	S268-2	
86	Gasket - chamber to housing	1	2208M429	2208M429	2208M429	
87	Washer - chamber to housing stud	2	1229B1666	1229B1666	1229B1666	
88	Nut - chamber to housing stud	2	N16-1	N16-1	N16-1	
89	Chamber assy air shift	1	A3261C289	A3261C289	A3261C289	
90	Nut - shift fork bolt	1	NL16-1	NL16-1	NL16-1	
91	Ball - shift fork	1	1199V1712	1199V1712	1199V1712	
92, 93~	Shift fork assy.	1	MPS2637	A1-2297D862	A1-2297D862	
94	Washer - inner shift fork	1	1229E1513	1229M1599	1229M1599	
95	Spring - shift fork	1	2258R408	2258R408	2258R408	
96	Bolt - shift fork	1	15X1337	15X1337	15X1337	
97	Washer - shift assy. lock	1	1229C1407	1229W1245	1229W1245	
98	Washer - shift spring	1	1229R798	1229R798	1229R798	
99	Spring - shift	1	2258L402	2258L402	2258L402	

#### NOTE: THREAD LOCKING LIQUID/DIFFERENTIAL CASE HALVES

When assembling differential case halves in Rockwell International<sup>®</sup> axles, a thread locking adhesive should be used. The recommended procedure is as follows:

- Wipe excess oil and residue from the threaded holes in the case. The holes should be relatively oil-free.
   If **new bolts** are used, a yellow coating of Dri-Loc<sup>™</sup> should appear on the threads. Assemble the case with
- If new bolts are used, a yellow coating of DrI-Loc<sup>1</sup> should appear on the threads. Assemble the case w
  these coated bolts to the required torque.
   If the original balts can avoid an avoid balts without Dri Loc<sup>1</sup> and an avoid Baltwall® Batt Na. 2007/027
- If the original bolts are reused or regular bolts without Dri-Loc<sup>™</sup> are used, Rockwell<sup>®</sup> Part No. 2297C3747 should be used as a thread locking adhesive. <u>Apply the adhesive to the differential case holes only.</u> Thread the bolts and tighten to the required torque.

IMPORTANT: Do not apply Rockwell<sup>®</sup> Part No. 2297C3747 to Dri-Loc<sup>™</sup> coated bolts. Refer to Rockwell<sup>®</sup> Service.

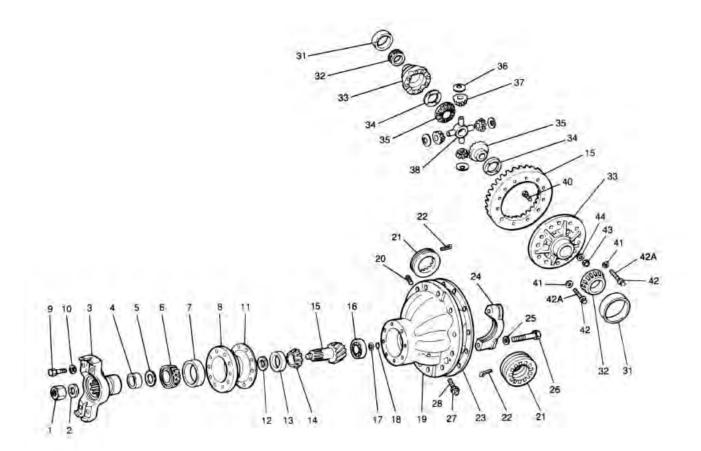
# SSHD (ALL MODELS FORWARD-REAR WITH 2 5/8" - 26 SPLINE - EXCEPT PUMP VERSION) \*

FAST	3.73 3.90 4.10	
STANDARD	4.30 4.56 4.63 4.89 5.29 5.38 5.57	SHD, THD, and UHD
	6.14	
	6.14 6.83 7.40	
	STANDARD	4.56 4.63 STANDARD 4.89 5.29 5.38 5.57 6.14 6.83

- - Not serviced separately.

\* = NOTE: The above gear sets are to be used with the optional oil pump only, and are not interchangeable with 3200R1162 or 3200P1420 carrier.

ROCKWELL<sup>®</sup> SHR, THR, UHR REAR



### SHR, THR, UHR - REAR

ITEM	DESCRIPTION	QTY	CARRIER 3200-H-606 PART NUMBER DATE 1/74	CARRIER 3200-C-1433 PART NUMBER DATE 1/83	REMARKS
	Bearing, Seal & Gasket Kit		RA172RR		
1	Nut-drive pinion	1	1227J946	1227J946	
2	Washer-drive pinion nut	1	1227J946	1227J946	
3	Yoke/flange-input	1	122911730	122911730	CALL YOUR SALES REP
4	Oil seal-yoke flange	1	476283N	4876N	CALL TOOK SALES REP
5	Thrust washer-bearing	1	1229E1071	1229E1071	
6	Bearing cone-outer	1	H715334	H715334	
7	Bearing cup-outer	1	H715334	H715334	
8	Cage & cup assy drive pinion	1	A3226T878	A3226L896	
9	Capscrew - bearing cage	8	S2813-1	S2813-1	
10	Washer - bearing cage capscrew	8	1229C1511	1229C1511	
10	Shim-pinion .003	0	2203L1260	2203L1260	
11		1			
	5		2203A469	2203A469	
10	.010	3	2203B470	2203B470	
12	Spacers - drive pinion	2	H715311	LI745044	CALL YOUR SALES REP
13	Bearing cup - inner			H715311	
14	Bearing cone - inner	1	H715343	H715343	Cas Daga (22
15	Drive gear & pinion assy.	1	MUMOOOUNA	MUL4000UM	See Page 130
16	Rear bearing - drive pinion	1	MU1308UM	MU1308UM	Roller bearing
17	Retainer - rear bearing	1	1199Z1430	1199Z1430	
18	Lock ring - rear bearing	1	1229U1113	1229U1113	
19	Carrier & cap assy.	1	A2-3200C1433	A2-3200C1433	
20	Plug-carrier filler	1	P212	P212	
21	Adj. ring differential bearing	2	2214X50	2214X50	L.H. & R.H.
22	Cotter-bearing adj. ring	2	1199M2457	1199M2457	
23	Gasket - carrier to housing (Silastic)	3 oz.	1199T3842	1199T3842	
24~	Bearing cap - differential				Part of Item 19
25	Washer - differential bearing cap	4	1229T1554	1229T1554	
26	Bolt - differential bearing cap	4	S21444-1	S-21444-1	
27	Nut-thrust screw	1	13X41	13X41	
28	Screw-thrust	1	15X1025	15X1025	
31	Bearing cup - differential	2	47820	47820	L.H. & R.H.
32	Bearing cone - differential	2	47890	47890	L.H. & R.H.
33~, 41,	Diff. case assy case only	1	A32-3235N1106	A3235N1678	Standard ratios
42, 42A		1	A39-3235Q1109	A3235Q1681	Fast ratios
33~ thru	Diff. case & nest assy. (for axles	1	A4-3235N1106	A3-3235N1678	Standard ratios
38, 41,	using 2-1/4" - 23 spline	1	A6-3235Q1109	A3-3235Q1681	Fast ratios
42, 42A					
33~ thru	Diff. case & nest assy. (for axles	1	A1-3235N1106	A1-3235N1678	Standard ratios
38, 41,	using 2-3/8" - 24 spline	1	A1-3235Q1109	A1-3235Q1681	Fast ratios
42, 42A		<u> </u>			
34	Thrust washer - side gear	2	1229E993	1229E993	SEE KITS 327, 347, 348, & 383
35	Side gear 23 Spline	2	2234K271	2234K271	KITS 327 & 347
'	differential 24 Spline	2	2234F344	2234F344	KITS 348 & 383
36	Thrust washer - diff. pinion	4	1229D992	1229D992	KITS 327 or 383 with
37	Pinion - differential	4	2233U99	2233U99	spider. KITS 347 or 348
38	Spider - differential	1	3278A79	3278A79	3278A79 less spider
39	Rivet - gear to case	12	RV71016	RV71016	
40	Bolt - gear to case	12	15X1474	15X1474	SEE KIT 948
41	Washer - diff. case	12	1229U1503	1229U1503	SEE KIT 948
42	Bolt - diff. case Short	4	S21020A-1	S21020A-1	
	Long	8	S21028A-1	S21028A-1	
42A	Thread locking liquid/diff. case	1	2297C3747	2297C3747	.34 oz. tube - SEE NOTE NEXT PAGE
		12	NL110-1	NL110-1	SEE KIT 948
43	Nut-gear to case				

#### ~ - Not serviced separately.



### SHR, THR, UHR (Cont'd)

#### NOTE: THREAD LOCKING LIQUID/DIFFERENTIAL CASE HALVES

When assembling differential case halves in Rockwell International<sup>®</sup> axles, a thread locking adhesive should be used. The recommended procedure is as follows:

- 1. Wipe excess oil and residue from the threaded holes in the case. The holes should be relatively oil-free.
- 2. If **new bolts** are used, a yellow coating of Dri-Loc<sup>™</sup> should appear on the threads. Assemble the case with these coated bolts to the required torque.
- If the original bolts are reused or regular bolts without Dri-Loc<sup>™</sup> are used, Rockwell<sup>®</sup> Part No. 2297C3747 should be used as a thread locking adhesive. <u>Apply the adhesive to the differential case holes only.</u> Thread the bolts and tighten to the required torque.

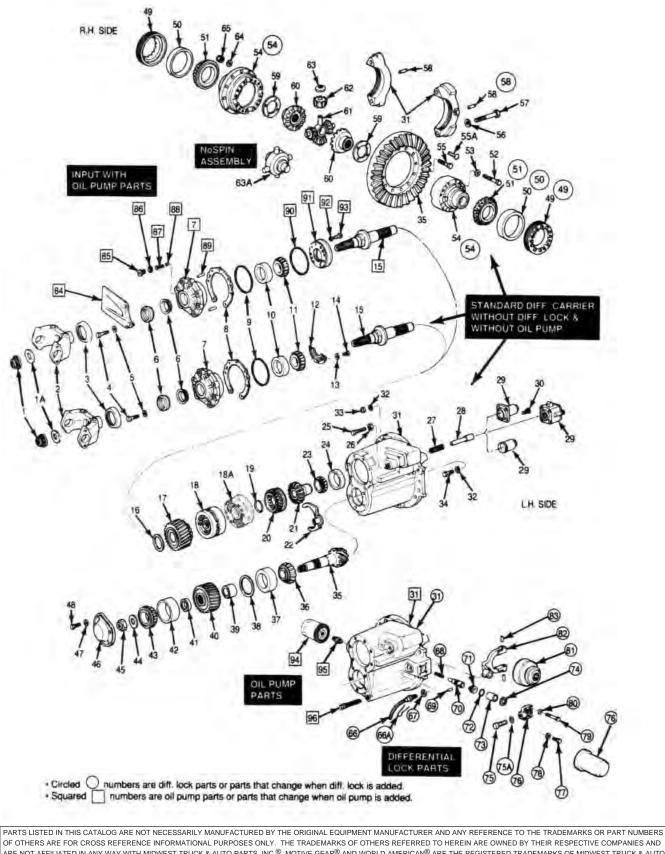
IMPORTANT: Do not apply Rockwell<sup>®</sup> Part No. 2297C3747 to Dri-Loc<sup>™</sup> coated bolts. Refer to Rockwell<sup>®</sup> Service.

PART NUMBER		AXLE	
A40504-1	FAST	3.73	
A40534-1		3.90	
A40536-1		4.10	
A40542-1		4.30	
A40074-1		4.56	ALL MODELS
A40544-1		4.63	REAR-REAR
			SHR,THR&UHR
A40546-1	STANDARD	4.89	
A40674-1		5.29	
A40088-1		5.38	
A40676-1		5.57	
A40678-1		6.14	
A40680-1		6.83	
A40682-1		7.40	
A+0002-1		7.40	

### SSHD (ALL MODELS REAR-REAR WITH 2" - 39 SPLINE)

### SSHD (ALL MODELS REAR-REAR WITH 1-31/32" - 10 SPLINE)

PART NUMBER	R/	AXLE	
A40536-3	FAST	4.11	
A40542-3		4.33	
A40544-3		4.63	
A40546-3		4.89	ALL MODELS
A40674-6		5.29	REAR-REAR
A40676-3	STANDARD	5.57	SHR, THR & UHR
A40678-3		6.17	
A40680-6		6.83	
A40682-5		7.40	



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FORWARD CARRIERS OF TANDEM AXLES MODELS: 140, 141 & 145 SERIES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
	Bearing, Seal & Gasket Kit				CALL YOUR SALES RE
1	Nut-Input Yoke and Shaft	SEE KIT 2637 SEE KIT 2638	All prior to 11/93 All after 11/93	1	40X1237 40X1233
1A	Washer - Input Shaft Nut	SEE KIT 2637 SEE KIT 2638	All prior to 11/93 All after 11/93	1	1229T1736 1229W4521
2, 3 4	Yoke and Deflector Assy - Input Capscrew - Input Bearing Cage		All alter 11/35	1 7	CALL YOUR SALES RE MS212045-1
5	Washer - Input Bearing Cage		All	7	1229C1511
6	Oil Seal - Input Bearing Cage	3" I.D.	All prior to 11/93	1	30007CR
-		3.25" I.D.	All after 11/93	1	100494
7	Bearing Cage and Cup Assy - Input (Includes Item 10)		All w/o pump prior to 11/93	1	A3226B1224
			All with pump prior to 11/93	1	A3226Z1222
			All w/o pump after 11/93	1	A3226V1296
			All with pump after 11/93	1	A3226D1226
8	Shims - Input .075 mm/.003 inch			Use	2203K9241
	Bearing Cage . <u>125 mm/.005 inch</u>		All	as	2203L9242
-	.250 mm/.010 inch			req.	2203M9243
9	O-Ring - Input Bearing Cage		Less pump	1	5X1034
10	Cup - Outer Input Shaft Bearing		With pump All	2	5X1034 3920
11	Cone - Outer Input Shaft Bearing		All prior to 11/93	1	JM511946
	Cone - Outer input onan Deaning		All after 11/93	1	JM511945
12	Baffle - Oil		All w/o pump	1	3221P100
13	Washer - Oil Baffle			3	1229E1669
14	Capscrew - Oil Baffle			3	MS208016-1
15	Input Shaft and Nut Assy (Includes Item 1)	Less pump 2"- 39 Spline	All manufactured prior to 11/93	1	A1-3297Q1161
		Less pump 2.38" - 46 Spline	All manufactured after 11/93	1	A3297U1347
	Input Shaft, Nut and Ball Assy	Pump driven off flats	All manufactured	1	KIT 2623
	(Includes Item 1)	on the input shaft 2" - 39 Spline	prior to 8/91	1	
		Pump driven off splines on the input shaft 2" - 39 Spline	All manufactured from 8/91 to 11/93	1	A3297Q1161
		2.38" - 46 Spline With pump	All manufactured after 11/93	1	A3297T1346
16	Thrust Washer - Helical Drive Gear		All	1	1229A4785
17	Helical Gear and Forward Side Gear		All	1	3892R4932
18	Diff. Case and Pinion Nest Assy Inter-axle	Welded	All except 1624 prior to 10/98	1	A3235W2025
18A	Diff. Case and Pinion Nest Assy Inter-axle		1624 Carrier	1	KIT 2743
		Bolted	1978, 1979, 1980, 1981 1982, 1984, 1986, 1987, 1988 Carriers after 10/98	1	A3235N2380
19	Snap-Ring - Inter-axle Diff.		All	1	2297E5335
20	Clutch Collar - Inter-axle Diff.		A.I.	1	3107M1183
21	Side Gear - Inter-axle Diff.		All	1	2234R1188
22 23	Shift Fork - Inter-axle Diff.		All	1	A3296A1093
23	Cone - Inner Input Shaft Cup - Inner Input Shaft		All	1	JLM710949C JLM710910
24	Adjusting Screw - Shift Shaft		All	1	41X1208

#### FORWARD CARRIERS OF TANDEM AXLES MODELS: 140, 141 & 145 SERIES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
26	Jam Nut - Adjusting Screw		All	1	MN3121
27	Spring - Shift Shaft Return		All except "reverse air"	1	2258U411
28	Shift Shaft - Inter-axle Diff.	Bolt on Style, Navistar®	Use KIT 2686 which	1	2244K1025
		on "reverse-air"	includes Items 28 & 29D	1	2244D1070
29	Shift Assy - Inter-axle Diff. Air	Bolt on Style, serviced as assembly only		1	A3261L350
		Screw-in Style, serviced as assembly only	Can purchase 5X1198 O-ring separately	1	A2-3261Q1057
		Bolt on Style, Navistar <sup>®</sup> only "reverse air"	Includes Items 28 and 29A-29N	1	A3261F1046
29A	Snap Ring	Bolt on Style,	Available in KIT 2709	1	1229P4280
29B	Spring - Shift	Navistar <sup>®</sup> only		1	2258E1175
29C	Gasket - Shift Assembly	"reverse air"		1	2208R1058
200	Cover Chift Assembly				220004404
29D 29E	Cover - Shift Assembly Washer - Shift Assembly Capscrew	Items 29A-29N	Available in KIT 2686	1	3266Q1161 MWA506
29E 29F	Capscrew - Shift Assembly Capscrew	available as KIT 2445		2	41X1080
29F 29G	Capscrew - Shift Assembly to Carrier	available as KIT 2445		4	MS206060-1
29H	O'Ring		Available in	1	5X1196
29J	O'Ring		KIT 2709	1	5X1197
29K	O'Ring			1	5X1195
29L	Housing - Shift			1	3261F1046
29M	Piston - Shift Assembly			1	2230D1096
29N 30	Snap Ring Capscrew - Air Shift Assy		1624, 1645, 1662, 1677	1	1229W1245 41X1209
30	Differential Carrier and Cap Assy.	Without Pump, with Diff.	All 1677 except Navistar <sup>®</sup>	1	KIT 2704
51	(Includes Items 56 and 57) (KITS include Carrier and Cap Assy, and screw-in IAD Shifter.	Lock and Bolt on IAD Shifter	Navistar <sup>®</sup> "reverse shift"		
	Main Diff. Lock components included where applicable.)	With Pump, diff. Lock and Bolt on IAD Shifter	All 1624 except Navistar <sup>®</sup> "reverse shift"	1	KIT 2705
		Without Pump or Diff. Lock, with Bolt on IAD Shifter	All 1645 except Navistar <sup>®</sup> "reverse shift"	1	KIT 2706
		With Pump, w/o Diff. Lock with Bolt on IAD Shifter	All 1662 except Navistar <sup>®</sup> "reverse shift"	1	KIT 2707
		With Pump, w/o Diff. Lock, with Bolt on IAD Shifter and Thrust Screw	3200X1662 "reverse shift" only	1	A2-3200X1662
		Without Pump, w/o Diff. Lock, for use with Bolt on IAD Shifter and Thrust Screw	3200G1645 "reverse shift" only	1	A2-3200G1645
		With Pump,with bolt on Diff. Lock and IAD shifter, with Thrust Screw	3200L1624 3200D1902 "reverse shift" only	1	A2-3200D1902
		With Pump, with Bolt on Diff. Lock and IAD Shifter, with thrust screw	3200M1677 3200E1903 "reverse shift" only	1	A2-3200E1903
		Without Pump or Diff. Lock, with Screw-in IAD Shifter	3200T1814 3200B1978	1	A2-3200B1978

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FORWARD CARRIERS OF TANDEM AXLES MODELS: 140, 141 & 145 SERIES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER			
31 Differential Carrier and Cap Assy. (Includes Items 56 and 57) (KITS include carrier and cap assy and screw-in IAD shifter.	Without pump or Diff. Lock with Screw-in IAD Shifter and Thrust Screw	3200B1874 3200D1980	1	A2-3200D198				
	Main diff. lock components included where applicable.)	Without Pump, with screw-in Diff. Lock and IAD Shifter.	3200U1815 3200R1890 3200E1981	1	A2-3200E198			
		Without Pump, with screw-in Diff. Lock and IAD Shifter, with Thrust Screw	3200C1875 3200G1905 3200F1982	1	A2-3200F198			
		With Pump, w/o Diff. Lock, with screw-in IAD Shifter	3200V1816 3200H1984	1	A2-3200H198			
		With Pump, w/o Diff. Lock, with screw-in and IAD Shifter, with Thrust Screw	3200D1876 3200J1986	1	A2-3200J1986			
					With Pump, with screw-in Diff. Lock and IAD Shifter	3200W1817 3200P1888 3200K1987	1	A2-3200K198
		With Pump, with screw-in Diff. Lock and IAD Shifter, with Thrust Screw	3200E1877 3200H1906 3200L1988	1	A2-3200L198			
				Lock, for Internal AB	Without Pump, w/o Diff. Lock, for use with Internal ABS sensor, screw-in IAD Shifter	3200F1852	1	A2-3200F185
		With Pump, w/o Diff. Lock, with screw-in IAD Shifter, for use with internal ABS sensor	3200G1853	1	A2-3200G1853			
	Diff. Lo	Without Pump and main Diff. Lock, Aluminum Carrier	3200N1860 3200C1979	1	A2-3200C197			
		Without Pump and main Diff. Lock, Aluminum Carrier for ABS	3200S1917	1	A2-3200S191			
		With Pump, main Diff. Lock and Thrust Screw. Bolt on reverse IAD Shifter	3200M1911	1	A2-3200M191			
		With Pump and Thrust Screw, without main Diff. Lock. Bolt onreverse IAD Shifter	3200P1914	1	A2-3200P191			
31A	Thrust Screw (not shown)			1	41X1371			
31B	Jam Nut (not shown)			1	40X1016			
32	Washer - Carrier to housing				See Housing Assy			

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#### FORWARD CARRIERS OF TANDEM AXLES MODELS: 140, 141 & 145 SERIES (Cont'd)

ITEM	DESCRIPTION		REMARKS	CARRIER	QTY	PART NUMBER
33	Nut - Carrier to housing stu	bu	Reference Only	All	0	ALL YOUR SALES REP
34	Capscrew - Carrier to hous	sing				
35	Drive Gear <u>2.64 Ra</u> Pinion and Nut <u>2.79 Ra</u> Assy <u>2.93 Ra</u>	atio	Some Models may not be available in all		Use 1 as	<u>B41718-1 <b>(3)</b></u> A41676-1 <b>(4)</b> A41104-1
	(Includes items 3.07 Ri 44 and 45.) 3.21 Ri 3.42 Ri 3.58 Ri 3.73 Ri 3.90 Ri 4.11 Ri 4.30 Ri 4.33 Ri 4.33 Ri 4.30 Ri 4.33 Ri 4.56 Ri 4.63 Ri 5.29 Ri 5.86 Ri 6.14 Ri 6.43 Ri 6.43 Ri 6.43 Ri 6.43 Ri 7.17 Ri	atio	ratios.		req.	A41508-1         A41510-1         B41276-1         B41512-1         B41514-1         B41678-1 (5)         B41680-1 (6)         Use B41278-1         B41562-1         B41280-1         B41280-1         B41280-1         B41280-1         B41281-1         B41282-1         B41284-1         B41466-1         A41470-1         A41474-1
36	Cone - Drive Pinion Inner E			All	1	H715334
37	Cup - Drive Pinion Inner B			All	1	H715311
38	Inner Bearing .125mm	<u>m/.003 inch</u> n/.005 inch m/.010 inch	Available in KIT 2429	All	Use as reg.	2203F2788 2203G2789 2203H2790
39	Spacer - Pinion Bearing In			All	1	1244V1764
40	Gear - Helical Driven			All	1	3892N4902
41	Pinion Bearing (Variable         5.33mr 5.35mr           (Variable         5.35mr           5.40mr         5.50mr           5.60mr         5.60mr           5.70mr         5.80mr           5.70mr         5.80mr           5.70mr         5.80mr           6.00mr         6.00mr           6.10mr         6.10mr           6.15mr         6.15mr           6.15mr         6.20mr	n/.209 inch n/.210 inch n/.211 inch n/.213 inch n/.213 inch n/.213 inch n/.220 inch n/.228 inch n/.228 inch n/.236 inch n/.236 inch n/.241 inch n/.241 inch n/.241 inch n/.243 inch n/.243 inch	Available as KIT 2396	All	Use 2 as req.	2203D9806 2203E9807 2203F9808 2203F9808 2203H9810 2203H9810 2203L9812 2203L9814 2203M9815 2203N9816 2203P9818 2203P9818 2203P9818 2203Q9819 2203S9820 2203S9821 2203T9822 2203U9823
42	Cup - Drive Pinion Outer B			All	1	72487
43 44	Cone - Drive Pinion Outer Washer - Drive Pinion Nut	Bearing	Use with 40X1145	All 145 Series Only	1	72212C 1229G4063
45	Nut - Drive Pinion		Use with 40X1233 M50x2-6H thd.	140 and 145 Series 145 Series Only	1	1229W4521 40X1145
40	Cause Drive Distant		M45x1.5-6H thd.	140 and 145 Series	4	40X1233
46	Cover - Drive Pinion Washer - Drive Pinion Cov			All	1 5	3266C1095 1229K1597

#### (3) Not available in aluminum carrier

(4) Replaces A39908-3 (2.80 Ratio)

(5) Replaces B41516-1 (3.91 Ratio)

(6) Replaces B41518-1 (4.10 Ratio)

### **ROCKWELL<sup>®</sup> WORLD AXLE** FORWARD CARRIERS OF TANDEM AXLES

MODELS: 140, 141 & 145 SERIES (Cont'd)

TEM	DESC	RIPTION	REMARKS	CARRIER	QTY	PART NUMBER
48	Capscrew - Driv	e Pinion Cover	1	All except aluminum	5	MS210020-1
				Aluminum Only	5	MS210030-1
49	Adjusting	L.H. and R.H.		All w/o Diff. Lock	2	2214C1095
	Rings - Diff.	R.H.		All with Diff. Lock	1	2214C1095
	bearing	L.H.			1	2214Y1039
50	Cups - Diff.	L.H. and R.H.		All w/o Diff. Lock	1	JM716610
	bearing	R.H.		All with Diff. Lock		JM716610
	200g	L.H.			1	JM716610
51	Cones - Diff.	L.H. & R.H.		All w/o Diff. Lock	2	JM716649
51	bearing	R.H.		All with Diff. Lock	1	JM716649
	bournig	L.H.			1	A1228L1130
52	Capscrew - Mai			All	16	41X1327
53	Washer, Main D			All	16	1229C1511
54	Case assy Ma		Ratios 2.64, 2.79	With Diff. Lock	Use	A2-3235V1920
54	(Includes Items		2.93	Without Diff. Lock	1 1	
	(includes items	52 and 53)				A8-3235V1920
			Ratios 3.07, 3.21	With Diff. Lock	as	<u>A2-3235S1839</u>
				Without Diff. Lock	req.	<u>A8-3235S1839</u>
				With ABS Tubes		A2-3235M2171 (2
						<u>A3-3235M2171 (1</u>
			Ratios 3.42, 3.58	With Diff. Lock		A2-3235U1841
			3.73, 3.90, 4.11	Without Diff. Lock		A8-3235U1841
			All except	With ABS Tubes		A2-3235L2170 (2)
			RT44145 tandem	Will ABS Tubes		
			R144145 tandem			<u>A3-3235L2170 <b>(1)</b></u>
			Ratios 3.42, 3.58 3.73, 3.90, 4.11	With Diff. Lock		KIT 2664
			RT44145 tandem only	Without Diff. Lock		<u>KIT 2665</u>
			Ratios 4.30, 4.56	With Diff. Lock	Use	A2-3235W1843
			4.63, 4.88, 5.29, 5.86,	Without Diff. Lock		A8-3235W1843
			6.14, 6.43, 6.83, 7.17	With ABS Tubes	as	A2-3235J2168 (2)
			Except RT44145 tandem		req.	A3-3235J2168 (1)
			Ratio 4.30, 4.56,	With Diff. Lock		KIT 2648
			4.63, 4.88, 5.29, 5.86			
			6.14, 6.43, 6.83, 7.17	Mither to Diff. La al		
	0	And Diff	RT44145 tandem only	Without Diff. Lock	<u> </u>	KIT 2647
	Case and Nest		Ratios 2.64, 2.79,	With Diff. Lock	Use	<u>A3-3235V1920 (1)</u>
		els include Items	2.93	Without Diff. Lock	1	<u>A9-3235V1920 (1)</u>
	52, 53 and 63A)				as	A10-3235V1920 (2
	(All other model	s include Items		No-Spin™	req.	A11-3235V1920 (1
	52, 53, 59, 60, 6	2 and 63)				A12-3235V1920 (2
			Ratios 3.07, 3.21	With Diff. Lock		<u>A3-3235S1839 (1)</u>
				Without diff. Lock		A9-3235S1839 (1)
						A10-3235S1839 (2
				With ABS Tubes		A4-3235M2171 (2)
						A5-3235M2171 (2)
				No-Spin™ Diff.		<u>A11-3235S1839 (1</u>
						A40.000504000 (
						<u>A12-3235S1839 (2</u>
			Ratios 3.42, 3.58,	With Diff. Lock		<u>A3-3235U1841 (1)</u>
			3.73, 3.90, 4.11	Without Diff. Lock		<u>A9-3235U1841 (1)</u>
			All except			A10-3235U1841 (2
			RT44145 tandem	With ABS Tubes		A4-3235L2170 (2)
				No-Spin™ Diff.		A11-3235U1841 (1
						A12-3235U1841 (2

#### (1) 2.10" - 41 Spline

#### (2) 2" - 39 Spline

#### FORWARD CARRIERS OF TANDEM AXLES MODELS: 140, 141 & 145 SERIES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
54		Ratios 3.42, 3.58,	With Diff. Lock		A6-3235D2188
(cont'd)		3.73, 3.90, 4.11	Without Diff. Lock		A5-3235D2188 (1)
		RT44145 tandem only	No-Spin™ Diff.		A4-3235D2188 (1)
	Case and Nest Assy Main Diff.	Ratios 4.30, 4.56,	With Diff. Lock		A3-3235T2152 (1)
	(No-Spin <sup>™</sup> Models include Items	4.63, 4.88, 5.29, 5.86,	Without Diff. Lock		A1-3235T2152 (1)
	52, 53, 59, 60, 62 and 62)	6.14, 6.43, 6.83, 7.17			
		RT44145 tandem only	No-Spin™ Diff.		A4-3235T2152 (1)
55	Bolt - Gear to Case	Used in KIT 2317		12	41X1216
55A	Rivet - Gear to Diff. Case	For service, rivets can be replaced with K2317		12	RV71016
56	Washer - Diff. Bearing Cap		All	4	42X1021
57	Capscrew - Diff. Bearing Cap		All except aluminum	4	MS220120-1
			Aluminum Only	4	41X1365
57	Capscrew - Diff. Bearing Cap		All except aluminum	4	MS220120-1
			Aluminum Only	4	41X1365
58	Pin - Adjusting L.H. and R.H.		All without Diff. Lock	2	1199R2176
	Ring Lock R.H.		All with Diff. Lock	1	1199R2176
	L.H.			1	1246P1134
59	Thrust Washer - Side Gear	Items 59-63	All prior to 11/93	2	1229X4522
		are not used in No-Spin™ models.	All after 11/93	2	1229V4624
60	Side Gear - Differential	See Item 63A	All 40,000 lb. tandems prior to 11/93	2	KIT 2759 <b>(1)</b>
		Used in KIT 2310	All 40,000 lb. tandems after 11/93		2234U1269 <b>(1)</b>
			RT44145 tandems prior to 12/92		KIT 2696 <b>(1)</b>
			RT44145 tandems from 1/93 to 11/93		KIT 2760 <b>(1)</b>
		Used in KIT 2696	RT44145 tandems after 11/93		2234X1272 <b>(1)</b>
			All 34,000 lb. tandems prior to 11/93		KIT 2758 <b>(2)</b>
		Used in KIT 2389	All 34,000 lb. tandems after 11/93		2234V1270 <b>(2)</b>
61	Spider - Differential (Cross)		All except 44,000 lb. tandems	1	3278S305
		Used in KIT 2696	44,000 lb. tandems only	1	3278Y1117F
62	Gear - Diff. Pinion		All axles except	4	2233J1024
			RT44145 tandems		
			produced after 1/93		
			RT44145 tandems	4	2233X1116
			produced after 1/93		
63	Thrust Washer - Diff. Pinion		• • • • •	4	1229R1032
63A	No-Spin <sup>™</sup> Diff. Nest	Serviced as	All 40,000 & 44,000 lb.	1	A3230T1034 (1)
		assembly only.	capacity tandems		
		Replaces Items 59-63	All 34,000 lb. capacity tandems	1	A3230U1035 <b>(2)</b>
64	Washer - Gear to Diff. Case	Used in KIT 2317	All	12	1229U1503
04	Nut - Gear to Diff. Case	0300 111 111 2317		12	122301303

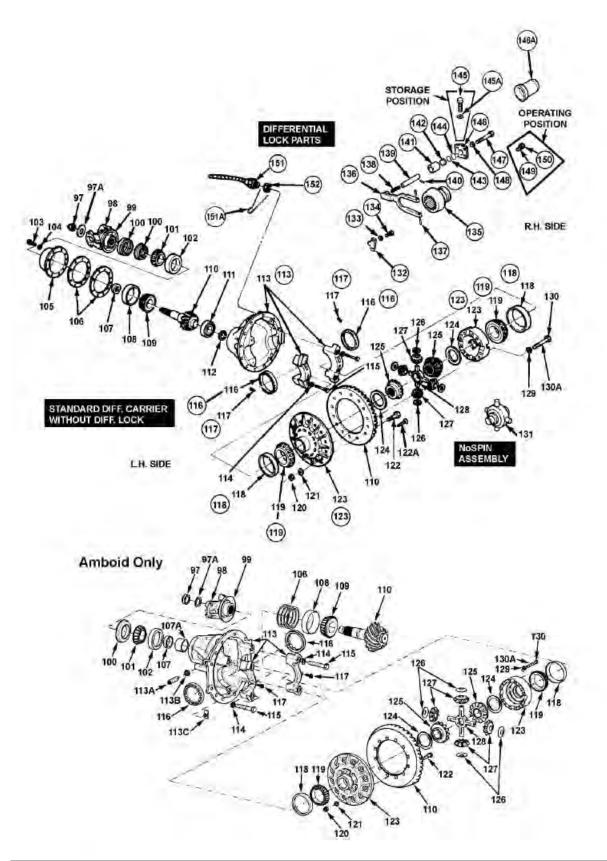
#### (1) 2.10" - 41 Spline

(2) 2" - 39 Spline

#### FORWARD CARRIERS OF TANDEM AXLES

1.12.00	e following parts are used only on for				
66	Sensor/switch - main diff. lock			1	KIT 4455
56A	Clip - sensor/switch			1	2257M1235
67	Lock Nut - sensor/switch		All prior to 11/93	1	1227P1056
68	Spring - main diff. lock		All prior to 11/93	1	2258L714
1			All after 11/93		258N1262
69	Roll pin - spring retaining		For the second second	1	43X1006
70	Shift shaft - main diff. lock	Not threaded for fork	All after 11/93	1	2244V1114
	Strends and other president	Threaded for tork	All prior to 11/3	1.10	2244L1026
71	Piston - main diff. lock		All prior to 11/93	1	2230N170
2.0			All after 11/93	- A.	2230T1190
72	O-ring piston		All after 11/93	1	5X1198
	A.P. 53%		All prior to 11/93		5X1153
73	Tube - air cylinder		All prior to 11/93	1	3196F32
'3A	Air cylinder assembly - screw-in		All after 11/93	1	3261A1067
74	Gasket - air cylinder cover			1	2208H944
75	Capscrew - manual engaging			1	41X1333
					41X1368
75A	O-ring - manual engaging capscrew			1	5X521
76	Cover - air cylinder		Used only on axles	1	3266F1020
77	Plug - air cylinder cover		produced prior to 11/93	t	MS210016-1
78	Gasket - plug			1	2208L1000
79	Capscrew - air cylinder cover			4	41X1364
80	Washer - air cylinder cover			4	MWA506
81	Clutch collar			4	
82	Shift fork	Not threaded	All after 11/93	1	3107D1018 3296Z1170
02	Grane fork	Not ulleaded	All aller 11/90		32902(170
		Threaded	All prior to 11/93		3296W1167
83	Pin - shift fork	Old 3 piece design		2	43X1007
84	Shield - filter			1	3280Z8398
85	Plug - oil pressure relief valve	No longer required as of 5/97		1	1250N1080
86	Washer - plug			1	1229F4062
87	Spring - oil pressure relief valve			1	2258Z1118
88	Pressure relief valve - oil			1	2297U5273
90	O-ring, oil pump			1	5X1034
91	Oil pump assembly	Serviced as assembly only	Pump driven off splines on input shaft	1	A3303P1030
			Pump driven off flats on input shaft	-	KIT 2623
92	Washer - oil pump			6	1229E1669
93	Capscrew - oil pump			6	MS2080451
94	Oil filter			1	3280V8394
95	Adapter - oil filter			1	2297Z5278
96	Screen and plumb assy - oil filter			1	A2297D5334

### ROCKWELL<sup>®</sup> WORLD AXLE CARRIERS FOR SINGLE AXLES AND REARS OF TANDEM AXLES MODELS: 140, 141 & 145 SERIES



### ROCKWELL<sup>®</sup> WORLD AXLE CARRIERS FOR SINGLE AXLES AND REARS OF TANDEM AXLES MODELS: 140, 141 & 145 SERIES

ITEM	DESCRIPTION		REMARKS	CARRIER	QTY	PART NUMBER
97	Nut - drive prijon		Included in ROT 2637	All increat RS17140	1	40-X-1237
			Included in KIT 2636	RS17140 anly		14-X-1726
97A	Wishel - dive prior nul		Included in 60T 2637	All except FIS17 140	- T	1229-T-1736
	the second se		Included in IOT 2638	RS17140 cely		1229 A 2653
100	Oil seal - pinton bearing a	age	1	All except RS17140	1.1	A 1205 N 2568
11 A.				R\$17540 only	1.00	A-1205-D-1928
101	Cons drive miniori inder	beamong	Amboid series	320D-W-2051	1	17725C
1.00				All except RS17140 and	E C	55206C
	Provide the second seco			3200-W 2051		Produce.
	the second s			RS1740 mls	-	16384049
102	Cup - drive pirrion outer bearing		Ambsid series	3200-W-3051	1	72487
				All except RS17140 and		55437
				3200-W-2051		
	the state of the s			R517140	-	M984010
183	Capacrew-input bearing	bgez		All except a sminum	8	MS-212845-1
	D			Alumatum only	1	41-X-1443
1954 -	Wister- input bearing co	ige-		- Ali	8	1229-C-1511
105 102 108	Pinion bearing tage and		3200-0-1785, 3200-C-1849,	RR20140 RR20145	1	A-3226 N-1236
	No. of the second		3200-E-1851, 3200-S-1655,	F8R22145		1
			3200 A 1873, 3200 2 1924			
			3200-R-1500 3200-X-1558			A-3226-M-1053
			3200-L-1676, 3200-M-1885		1000	
			3200-Z-1872, 3200-G-1879.			A CONTRACTOR OF A
			3200-F-1904	and the second s		
				R\$17140		A-3726-P-1056
106	Shim - pinion bearing	.07 dmmil 003 inch	Included in RIT 1647	3200-W-2051	Use as	2203-F-2788
- m - 1	cage	.127mm/.005 inchi	Shim 0.0.519"		req	7203-G-2789
		.254wm/.010 meh				2203-H-2790
		075mm/ 603 mob	Intelanted in RUT 2313	Use off curriers that use	1	2403-Q-2851
		125mm/ 005 inste	Shire O.D. 9.62"	A 3226-M-1051 pirrom bearing rage		2103 R 2852
		.250mm/.010 meh	and the second sec			2103-8-2153
		:500mm/ 020 inot:				2863-T-2854
		075mm/ 003 meh		1.11	2203-C-8115	
		.125mm/ 005 mph		A-3228-N-1236 perion		2203-D-3116
		.250mm/ 018 inot				2203 E 8117
		.500mm/ 020 inch				2203-6-9894
107	Spacer - pinton bearing	9.40mm/ 370 inch	Included in KiT 2541	3200-44-2951	Use 2 ms req.	1244-81-2431
1997		9.43mm/371 mch				1244-14-2432
		9.45mm/.372 mgb				1244-P-2434
		9.48mm/ 373 molt				1244-0.2435
		9.50mm/ 370 moh				1244 R 2416
		9 60mm/ 378 indt				1244-5-2437
		9.70mm/ 382 melt				1244-1-2438
		9.80mm/ 388 moh	-			1244-0-2439
		9 90mm/ 390 inoh				1244 V 2448
		10.00mm/.394 inch	-			1244-W-2441
		10.10mm/.398 inch				1244-X-2442
		10.20mm/402 inch				1744-1-2443
		10.23mm/.403 inch				1244.2.2444
		10.25mm/.404 inch				1244-A-2445
		10.26mm/.405 inch	-			1244-B-2448
		10 30nm/ 406 inch				1244-C-2447
		8 /5mm/ 345 insh	Included in ICIT 2322	All not first RS 1/140 and 32004403551		2203-1-3474
		8.78mm/ 348 moh				2203-K-9475
		8 80mm/.347 mich				22031.9476
		8.83mm/.348 inch				2203-16-9477
		8.85mm/ 349 meh				2203-N-9478
		8 98mm/.345 metr				2203-P-9480
		g 10mm/ 358 inch				2203-Q-9481
		9.13mm/.359 inch				2203-R-9412
		9.15mm/.360 molt				2203-5-9483
		9 18mm/ 351 mich				2203-1-9484
		9 70mm/ 352 inch				2203-0-9425
		8.35mm/ 329 moh	Included in fUT 2321	R91740.cm/s		2203-V-9486
		8 38mm/ 350 inch	and the state	and tradewing.		2203 49 8487
		8.40mm/ 331 inch				2203-X-9481
		the second se	-			and the second
		8.43mm/.332 indi:				2203.Y-9489

### ROCKWELL<sup>®</sup> WORLD AXLE CARRIERS FOR SINGLE AXLES AND REARS OF TANDEM AXLES MODELS: 140, 141 & 145 SERIES (Cont'd)

ITEM	DESCRIPTION	the law of	REMARKS	CARRIER	QTY	PART NUMBER
107 (Carry	Spacer-smon beamp.		Insludes in KIT 2321	RS17140 only		2283-A-9491
		E Tarren' 343 insti- E T3mm/ 344 insti-	-		149	2283-8-9492
					1.11	2203-C-9483
	the second second	B. Parrowi, 345 anath	_			7213-0-9494
		8 79mm/346 mot			1.1.1	7293-E-8485
		B.Bümm/347 inch		- man the start		2203-F-9496
T07A	Specar - pinton bearing		the second se	3200-W-2051 any		1244-F-2346
108	Cup - drive pinion meril	rewing	Junibaid series	3200-W-2051	1	H715311
			12 1 1	All except RS17140 and 3200-W-2051		72467
			and the second sec	R\$17149 aniy		55437
105	Cone - drive cinion inner bearing		Ambolid series	3210-W-2051	1	H715334
10			and the second second	All except RS17140 and 3200 W 2051	100	722120
				RS17140 anity	1	55700C
10 97 97A	Town peer, proton and no	al 342 Rate	insul apline also	3200-0-1785	Use 1 as	B-41530-1
	1935	3.58 Ratio	2.00" dia - 39 spieres Original		1415	B-41532.4
	1.1	3.73 Flabe	and aitch dis. ring gan: filewi-		1.00	8-41534-1
		3.01 Ratio	able well not fit in the comme			D-41536-1
		4.10 Hate				B-41538-1
		4 30 Rate			1.1.1	Use 4.33 Ratio
		433 Rate				H-41540-1
		4.56 Rate				8-41542-1
		4 55 Rate				B-41544-1
		513Rate				B-41546-1
		5.29 Salic				B-41548-1
		5.57 Rate				8-41550-1
		5.88 Rate				8-41552.1
		6.14 Ratio				B-41554-1
		6.43 Rate	-			8-41536-1
		6.82 Ratic				B-41558-1
		7.17 Rate	-	and the second sec		8-41560-1
		2.64 Rate	hand stalling allow	1500.1558.1676.1885.	-	8-41716-1
		2.04 ruise 2.73 Rate	brout spine size 2.60° dia - 39 spines blew w per pitch diameter gearing	1872, 1879, 1904		A-41612-1
		2.03 Hate				P.C. MILLER C.
						A-81158-1
		3.07 Falls				A-41894 1
		3.21 Ratio		BOTTO INCOME.		A-41496-1
		2.64 Flatter	input spline size	8200-W-2051		B-42120-1
		2.79 Rate	2.00° dia - 39 spilmes.			A-42172-1
		3.09 Ratio	Amboid séries axles.			A-42200-1
		3 36 Rate				A-42242-1
		3.55 Rate				A-42204-1
			3.70 Ratio			8-62246-1
		3.90 Flatio			B-47110-1	
		411 Ratio			-	A-12128-1
		3.42 Ratio	input spline size	All assess RS 16140, RS 17140, 3200-03-1785 and 3200-49-2051 carriers.		B-41164.1
		3.58 Ratio	2.60° dia - 39 splines.			8-41258-1
		3.58 Rate	New larger pitch diameter			A-41842-1
		3.73 Rato	geiering.			8-41540-1
		3.80 Ratio	1 percent of the second			8-41634.1
		3.91 Rate				A-41230-1
		4 10 Rate				A-41882-1
		411Fate				B-41636-1
		4 33 Rate				B-41266-1
		4.33 Falle				A-41654-1
		4.56 Ratio				8 41542 1
		and a state of the	63 Ratio 63 Ratio 68 Ratio 88 Ratio			8-41248-1
						A-41672-1
						8-41270-1
						And the second s
						A-41714-1
		5 13 Rate				A.41652.1
		5.13 Rate				A-41272-1
		5,29 Rate				8-41274-1
		5 57 Rate				A-41304-1
		5.86 Flatio	-			B-41456-1
		6.14 iilatis				A-41458-1
		6.43 Rate			1.0.5	A-41460-1
		6.8.1 Ratio			1.1	A-41462.1
		7.17.Rabe		and the second s		6.41464-1

100 00 000	DESCRIPTION	teres a	REMARKS	CARRER	YTD	PART NUMBER
	Drive gear, pinion and nut		Input spline size	R\$10140 R\$17140		A-11151-3
(Cant)	assy	3.58 Ratio	1.75" dia: 34 splines.		req.	A-41498-3
		3.73 Ratio			100	A-41500-3
		390 Ratio	-			A-81684-3
		4.11 Ratio				A-41628-3
		4.33 Ratio				A-41266-3
		4.56 Ratio				B-11542-3
		4.68 Ratio				A-41270-3
		5.13 Ratio				A-41272-3
		5.29 Ratio				A-\$1274-3
		5.67 Ratio				A-41304-3
		5.86 Ratio	-			A-81456-3
		8.43 Ratio				A-41460-3
		6.83 Ratio				A-41462-3
		7,17 Ratio			100.00	A-41464-3
111	Bearing - drive pinion spip	dot		M		1228-F-552
.112	Snet ring - drave pinion la	Ailering		A1.	1	1229-A-1301
13, 114, 115	Diff. carrier and cap areay.	6	Original design	7250-R-1500	<ul> <li>#</li> </ul>	A2-3200 R-1500
	Deriver of the second second		Without main diff lock	1241 44 0050		KIT 2129
			0.000	(3.91 and 4.10 Ration)		
				All other relieva		KIT 2730
			the second se	3200-L-1678		A2-3200-L-1676
			With screw-in main city lock and	1558 1872 1876 1904		KIT 2755
			thrust screwi	transferrate taxas transferrate	1.00	
			Without main dill lock	1785 1805 1873		KIT 2756
			with Prust acrew	(3.42 - 7.17 Hillon)		
			Without main diff. lock,	3200-D-1850		A2-3200-D-1850
			with internal ABS censor	(3.07 and 3.21 ratios)		Con de la constante
			and the second second second	2200-E- (851 (3.42 - 7.17 retion)		A2-3280-E-1851
			Without main diff lock,	3200-M-1885 (skiminum		A2-3260-88-1885
			alumnum exitier	version of 1676 camer) 3205-C-1649 (alominum version of 1885 camer)		A2-3200 C-1849
			Without main diff. lock, with thoust to row with internal ABS sensor	3200-2-1924		A2-3280-2-1924
	-		Ampost sense drive ades	3200-W-2051	1.00	A2-3288-W-2851
2442	Thrust screw		Contract and an of the second	3200-W-2051	1	10-X-1710
11.00			10-1 m	All exampt 3200-4W-2051	1.1	41-X-1371
113A	THE DOLLARS BOARD					41-A-13/1
			Not shown			10.8.1016
1138	dam nut		Not shown		1	40-X-1016 2287 D 2296
1138	dans nut Thrust block		and the second sec	3200-W-2051 only	1	2297.P.8336
1138 1180 114	Jam nut Thrust block Waster - differential boos		and the second sec	3200-Wi-2057 conty Mi	4	2297.P.8336 42-X-1021
1138	dans nut Thrust block		and the second sec	3200-W-2051 only MI MI sccept auminum		2297.P.8336 42-X-1021 MS-220120-1
1138 1180 114 114	dam nut Thrust block Washer - differential boom Capacreai - differential be	iding cap	and the second sec	3200-W-2051 only MI MI scoopt autoinum Muminum only	4	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365
1138 1180 114	Jam nut Thrust block Waster - differential boos	LH small	and the second sec	3200-W-2051 only MI MI sccept auminum	4	2297.P.8336 42-X-1421 MS-220120-1 41.X-1365 2214-C-1095
1138 1180 114 114	dam nut Thrust block Washer - differential boom Capacreai - differential be	LTI. small R.H. small	and the second sec	3200-W-2051 only MI M sccapt auminum Muninum only (547-1558 and 3879	4	2297.P.8336 42.X.4021 MS-220120-1 41.X.1365 2214-C.1095 2214.Y.1039
1138 1180 114 114	dam nut Thrust block Washer - differential boom Capacreai - differential be	LH small	and the second sec	3200-W-2051 only MI M sccapt auminum Muninum only 1547, 1558 and 1879 3200-R-1500 All except 1500, 1547	4	2297.P.8336 42-X-1421 MS-220120-1 41.X-1365 2214-C-1095
1138 1180 114 114 114 114	dam nul Thrust block Washer - differential boar Capscress - differential be Adjusting ring	iding cao L.H. anal R.Hsmal L.H. and R.H.	and the second sec	3200-W-2051 only MI M screept auminum Muninum only 1647, 1558 and 1879 3200-R-1500 All escept 1500, 1547 and 1558	4 4 1 2	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C.1095 2214-C.1095 2214-L.272 2214-C.1095
1138 1180 114 114	dam nut Thrust block Washer - differential boom Capacreai - differential be	LTI. small R.H. small	and the second sec	3200-W-2051 only MI M screept auminum Muninum only 1647, 1558 and 1879 3200-R-1500 All escept 1500, 1547 and 1558 1876, 1785 and 1865	4	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C.1035 2214-C.1035 2214-L.272 2214-C.1035 1139.R.2176
*138 1180 114 114 115 114	dam nul Thrust block Washer - differential boar Capscress - differential be Adjusting ring	LH: anial R.Hsmal I.H. and R.H. L.H. and R.H.	Network	3200-W-2051 only Mi A) screept auroinum Muninum anly 1547, 1558 and 3879 3200-R, 1550 ALesscept 1500, 1547 and 1558 1676, 1785 and 1865 3200-M 1547	4 4 1 2 2	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C.1035 2214-C.1035 2214-L.272 2214-C.1035 1139.R.2176 1246.P.1134
1138 1180 114 114 115 114	dam nul Thrust block Washer - differential boar Capscress - differential be Adjusting ring	iding cao L.H. anal R.Hsmal L.H. and R.H.	and the second sec	3200-W-2051 only MI MI workpot auronom Muminum only 1547, 1558 and 3879 3200-R-1500 Al accept 1500, 1547 and 1558 1676, 1785 and 1865 3200-M 1547 3200-R-1500	4 4 1 2 2	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C-1035 2214-Y.1038 2214-L.272 2214-C-1035 1139-R-2176 1246.P.1134 1159-R-2176
1180 1180 114 114 115 114	dam nul Thrust block Washer - differential boar Capscress - differential be Adjusting ring	LH anal RH -anal LH and RH LH and RH LH and RH	Network	3200-W-2051 only MI MI workpt auronum Aluminum only 1547, 1558 and 3879 3200-R-1500 Al workpt 1500, 1547 and 1558 1676, 1785 and 1865 3200-M 1547 3286-R-1500 3200-X-1558,	4 1 2 2 1 1	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C-1035 2214-C-1035 2214-L.272 2214-C-1035 1199.R.2176 1246.P.1134 1199.R.2176 1199.R.2176
1138 1130 114 115 114 115	dam nul Thrust block Washer - differential boon Capacress - differential be Adjusting ring Adjusting ring lacs	LH anal R.Hamal I.H. anaR.H. I.H. anaR.H. I.H. ana I.H. any R.H. any	Network	3200-W-2051 only MI MI scoopt auronum Muminum only 1547, 1558 and 3879 3200-R-1500 Al ascept 1500, 1547 and 1558 1676, 1785 and 1865 3200-M 1547 3286-R-1500 5200-X-1558, 3200-G-1879	4 4 1 2 2	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C-1035 2214-C-1035 2214-L.272 2214-C-1035 1199.R.2176 1246.P.1134 1199.R.2176 1199.R.2176 1199.R.2176
1138 1180 114 114 115 114	dam nul Thrust block Washer - differential boar Capscress - differential be Adjusting ring	LH anal R.Hamal I.H. ana R.H. I.H. and R.H. I.H. ang R.H. enty R.H. enty I.H. ang	Network	3200-W-2051 only MI MI workpt auronum Aluminum only 1547, 1558 and 3879 3200-R-1500 Al workpt 1500, 1547 and 1558 1676, 1785 and 1865 3200-M 1547 3286-R-1500 3200-X-1558,	4 1 2 2 1 1	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C-1035 2214-C-1035 2214-L.272 2214-C-1035 1139.R.2176 1246.P.1134 1159.R.2176 1159.R.2176 1246.P.1134 1159.R.2176
1138 1130 114 115 116 116	dam nul Thrust block Washer - differential boon Capacress - differential be Adjusting ring Adjusting ring lacs	LH anal R.Hamal I.H. anaR.H. I.H. anaR.H. I.H. ana R.H. anay R.H. anay R.H. anay R.H. anay	Network	3200-W-2051 only MI Mi except auminum Aluminum only 1547, 1558 and 1879 3200-R, 1500 Alimotept 1500, 1547 and 1558 1876, 1785 and 1865 3200-M, 1547 3280-R, 1550 3200-M, 1547 3280-R, 1550 3200-J, 1558, 3200-G, 1879 1547, 1558 and 1879	4 1 2 2 1 1	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C-1035 2214-C-1035 2214-L.272 2214-C-1035 1199.R.2176 1246.P.1134 1199.R.2176 1199.R.2176 1199.R.2176
1138 1130 114 115 116 116	dam nul Thrust block Washer - differential boon Capacress - differential be Adjusting ring Adjusting ring lacs	LH anal R.Hamal I.H. ana R.H. I.H. and R.H. I.H. ang R.H. enty R.H. enty I.H. ang	Network	3200-W-2051 only MI M except auminum Aluminum only 1547 1558 and 1879 3200-R 1500 All except 1500 1547 and 1558 1876, 1785 and 1865 3200-M 1547 3260-R 1500 8200-M 1547 3260-R 1500 8200-M 1558, 3200-G 1879 1547, 1558 and 1805	4 1 2 2 1 1	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C-1035 2214-Y.1039 2214-L.272 2214-C-1035 1139.R.2176 1246.P.1134 1159.R.2176 1159.R.2176 1159.R.2176 1159.R.2176 1159.R.2176 1246.P.1134 JM 716610 1220 L.1130 JM-716610
1180 1180 114 114 114 114 114 114	dam nul Thrust block Washer - differential boon Capacress - differential be Adjusting ring Adjusting ring lacs	LH anal R.Hamal I.H. anaR.H. I.H. anaR.H. I.H. ana R.H. anay R.H. anay R.H. anay R.H. anay	Network	3200-W-2051 only MI Mi except auminum Aluminum only 1547, 1558 and 1879 3200-R, 1500 Alimotept 1500, 1547 and 1558 1876, 1785 and 1865 3200-M, 1547 3280-R, 1550 3200-M, 1547 3280-R, 1550 3200-J, 1558, 3200-G, 1879 1547, 1558 and 1879	4 1 2 2 1 1 1 1	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C-1035 2214-C-1035 2214-L.272 2214-C-1035 1139.R.2176 1246.P.1134 1159.R.2176 1159.R.2176 1246.P.1134 1159.R.2176 1246.P.1134 1159.R.2176
1138 1130 114 115 116 116	dam nul Thrust block Washer - differential boon Capacress - differential be Adjusting ring Adjusting ring lacs	LH anal R.Hamal LH and R.H. LH and R.H. LH and R.H. LH. any R.H. any R.H. any R.H. any T.H. ang R.H.	Network	3200-W-2051 only MI M except auminum Aluminum only 1547 1558 and 1879 3200-R 1500 All except 1500 1547 and 1558 1876, 1785 and 1865 3200-M 1547 3260-R 1500 8200-M 1547 3260-R 1500 8200-M 1558, 3200-G 1879 1547, 1558 and 1805	4 1 2 2 1 1 1 1	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C-1035 2214-Y.1039 2214-L.272 2214-C-1035 1139.R.2176 1246.P.1134 1159.R.2176 1159.R.2176 1159.R.2176 1159.R.2176 1159.R.2176 1246.P.1134 JM 716610 1220 L.1130 JM-716610
1136 1130 114 114 114 114 114 114 114 117	dam nul Thrust block Washer - differential been Capscress - differential be Adjusting ring Adjusting ring locs Cap - diff. ring Adjusting edit bearing or	LH anal R.Hamal LH and R.H LH and R.H LH and R.H LH. any R + any LH, any C.H. any C.H. any C.H. ang R.H- dp	Network	3200-W-2051 only MI M except autoinum Muminum only 1547 1558 and 1879 3200-R 1500 All except 1500 1547 and 1558 1876, 1785 and 1865 3200-R 1500 3200-R 1500 3200-R 1500 3200-G 1879 1547, 1558 and 1879 1547, 1558 and 1879	4 1 2 2 1 1 1 1 2	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C-1035 2214-C-1035 2214-C-1035 2214-C-72 2214-C-1035 1139.R.2176 1139.R.2176 1159.R.2176 1159.R.2176 1159.R.2176 1159.R.2176 1158.C-1134 JM 716610 1220 L.1130 JM-716610 A1 1223-H 806
1180 1180 114 114 114 114 114 114	Jam nul Thrust block Washer - differential boon Capacress - differential ba Adjusting ring locs Adjusting ring locs Cap - diff. ring	LH anal R.Hamal LH and R.H. LH and R.H. LH and R.H. LH. any R.H. any R.H. any R.H. any T.H. ang R.H.	Network	3200-W-2051 only MI M except autoinum Muminum only 1547 1558 and 1879 2200-R 1500 All except 1500 1547 and 1558 1876, 1785 and 1865 2200-R 1500 3200-R 1500 3200-R 1558, 3200-G 1879 1547, 1558 and 1879 1676, 1785 and 1865	4 1 2 2 1 1 1 1 2	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C.1035 2214-C.1035 2214-C.1035 2214-C.1035 1139.R.2176 1246.P.1134 1159.R.2176 1246.P.1134 JM716610 A1 1223.H.436 2297.T.4180 JM-716649
1138 1130 114 114 114 114 114 114 114 11	dam nul Thrust block Washer - differential been Capscress - differential be Adjusting ring Adjusting ring locs Cap - diff. ring Adjusting edit bearing or	LH anal R.Hamal LH and R.H LH and R.H LH and R.H LH. any R + any LH, any C.H. any C.H. any C.H. ang R.H- dp	Network	3200-W-2051 only MI M except autoinum Muminum only 1547 1558 and 1879 3200-R 1500 All except 1500 1547 and 1558 1876, 1785 and 1865 3200-R 1500 3200-R 1500 3200-R 1500 3200-G 1879 1547, 1558 and 1879 1547, 1558 and 1879	4 1 2 2 1 1 1 1 2	2297.P.8336 42.X.1021 MS-220120-1 41.X.1365 2214-C-1035 2214-Y.1039 2214-L.272 2214-C-1035 1139.R.2176 1139.R.2176 1159.R.2176 1159.R.2176 1159.R.2176 1246.P.1134 JM 716610 1220.L.1120 JM-716610 A1 1223.H.436 2297.T.4180

ITEM	DESCRIPTION		REMARKS	CARRIER	OTY	PART NUMBER
120	Nut - gear to differentian		Included In KIT 2317	A.	42	40-11182
	Washier- gevr is differen				12	1729-0-1503
	Boll - differential case to				12	41-X-1216
	Rivet - gear to difference	and the second second	For service, rively can be replaced with FJT 2317	Alf	12	RV.71016
28 129 130	Case a toy- main diff.	Ratice 2 61, 279, 2.03	Wary di El Joans	1958, 1874		A2-3235-V-1920
		and the second s	Without skif look	1876, 1885, 2051	100	A8-3235-V-1920
	and the second second	Retipe 3.07, 3.08, 3.21	With diff. loais	1558, 1879	1.000	A2-3235-S-1839
A		and 1.36		A12-3200-R-1500		AZ-3235-Y-1741
			Without diff look	1676, 1885 and 2051		A8-3235-S-1839
				3200-M-1547 accept		A-3235-S-1839
		continues ( based to an it may		1,85"-36 spline		in the second second
		Rutice 3 42, 3 55 3 58 3 70, 3 73, 3 90, 3 91	With dff. loss	1558, 1849, 1879 and 1904	1.1	A2-3235-U-1811
		4 10. 4 11 Except		412-3200-8-1500		A6-3735-C-1719
		44,000 lb. tenders ades)	Wilmout diff. look	3200-M-1547 except		A-3235-U-1841
		Note 4 33 mbs for a pach	A MINIMARY SHILL FORM	1.00" 36 upine		14.0230.0.1041
		quality gearing also uses		RS16140, RS17140		A-3235-N-1932
		this etc. aff. care		3200-44-1547		
		the strength of the strength o		(1.65°-38 spine)		and the second sec
				3200 R-1500		A13-3215-C-1715
				1076 1785, 1985, 1855		A8-3735-U-1841
		and the second s		2051	1.0	and way of last
		Billion 342 358 373	With diff. losic	1872 and 1904		AZ-1235-D-2138
		390 391 410 411	And the second sec	All others		NIT 2664
		(44.000 lb. tandem axies	Without diff. look	1873		A-3235-D-2182
		ally)	ane loost out in (1)	All others		KIT 2665
		Ratio 430, 433, 456	With diff. loss	1588 1848 1879, 1904	1000	A2-3235-W-1843
		463 488 5 13 5 26	A MARY CARY, MARY	A 12-3735-8-1500		A8-3235-E-1721
		5.57 5.86 6 14 6.45	Without rill lock	3200-M-1547 axcapt		A-3235-W-1843
		6.83 J 17 (Except	Evendue (Mr. 106)	1.05" 35 spline	1.1.1	W-9230-W-1919
		44.000 (E. tandem ades)		RS16140, RS17140		A-3235-0-1941
		and also be considered and all		3200-M-1547		N-2010-02-1941
		1		(1.65"-35 spline)		
				1200 R-1500		A15-3235-E-1721
				1676 1785 1865 1885		A8-3735-W-1141
		D 101 8 20 8 20 8 20 0	NAME OF LOCAL	and the second se		the state of the s
	and the second second	Ruber 430, 423 456	Willindit loss	3200-Z-1872, 3200-F-1804		KIT 2645
		4.03 4.88, 5 13 6.29	Wilnaut all look	the second se		
distanting the	and the second s		Wenaut dut, lacs,	3200-A-1873		KIT 2647
	1	0.83.7 17 (44,000 b) tendem sells anty)				
12 100 100	Case assy- main till.	Rables 2.64, 279, 293	Without dill took	WIN ABS More	line Line	A2 3235 N 2172
04. 205. 200	Case Green linger mg.	11 Bourd C (M) X 10, 2 80	A NEW YORK TOWN	Manifer India	100	A3-3235-N-2172
		Flabler: 3.07 and 3.21				A2 3235 M 2171
		Library AL SHE 7.51				A3-3235-M-2171
		Ratics 3.42, 3.58, 3.73				AZ-3235-L-2170
		3/0 391 4 10 411			1.1	A3-3735-L-2119
		(except 44,000 lb 3 Note: 4.33 ratio for coach guildly deduits also uses				a start still
		the sis off case				
		Rate: 342, 158, 3.73				A1-3235-Y-2661
		3.80. 3.91, 4.10, 4.11 (44.000.0), isordern as les only)	1			arout parts
		Ratio 430.433 456				A2-3235-J-2168
		4.62 4.88 5.11 5.28				A 3-3235-J-2168
		5.57 5.86 8.14 6.43. 6.83 1.17 (Except)				Download the
		44.000 lb tandem oden)				
1		Ratio=4.30, 4.33 4.56. 4.63 4.88 5.11 5.28 5.57 5.66 6.14 6.43. 6.83 7.17 (44.00 b)				A 1-3235-K-2169
-	Con and the second	Linders adéo cruly)	the second se		-	
123 time 130	Care & nert assy main	Rubios 2.64, 279, 2.93	Witty diff. Josis	1558 and 1872	Uce 1 ss.	A 3-3235 V 1920
and the state of t	aff.	Ratios 3,07, 3.98, 3.21			764.	A3-3235-S-1839
		and 3.16				

TTEM	DESCRIPTION	(Real Property of the second	REMARKS	CARRIER	OTY PART NUMBER
23 fmu 130 (Cont)	Case & nest area main off	Ranse 3 42, 3 55, 3 58, 3 10, 3 73, 3 90, 3 91, 4 10, 4 11 (Except 44,000 ib. sendem Jolev)	With diff. Jogi	7558 and 187#	Use 1 as 43 3235 U 1841 Teq.
		Note: 4,33 mbit for basch quality gearing also uses this stat, diff, case,			
		Kuties 4 30, 4 31, 4 56 4 63, 4 88, 5 13, 5 29 5 57, 5 86, 8 14, 6 43 6 83, 7 17 (Except			A3-3235-W-1843
		44,000 lb. tandem extep) Ratios 2,64, 2,79, 2,83 Ratios 3,07, 3,08, 3,71 and 3,16	Without diff. Isok	1670 and 1685	A 10-3235 V-1920 A 10-3235-8-1838
		Ramican 4:30, 4,33, 4:56, 4,63, 4,860, 5,13, 5,29, 5,57, 5,800, 6,14, 0,43, 10,63, 7,17 (Except		1878, 1785, 1985 and 1885	A9-1235-W-1243 A16-3235-W-1243
		41.000.b. tantem axis) Battos 3.47, 3.55, 3.58, 3.70, 3.73, 3.90, 3.91, 4.10, 4.14 (Except 44.000.b tandem axis) Note: 4.23 ratio for cauch		1676, 1785, 1885, 1885, 1976, 1785, 1885, 1885, 290 1	A10-3235-U-1841 A# 1235-U-1841
		resality genering data sound field official official Rates 2.64, 2.79, 2.92 Rates 1.01, 1.00, 3.21		1875, 1885, 2051 1676, 1885, 2051	A9-3235-V-1928 A9-3235-S-1839
	1.1	ven 6 3:38	1000 - 200 Lana		
		Rates 3 42 3 58 3 73 3 50, 3 91 4 10 4 11 (44 000 ib. tandem extex (only	With dill lack	1672 and 1984	A11-3235-D-2188
		Fiator 4.30, 4.33, 4.58, 4.63, 4.89, 5.13, 5.29, 5.57, 5.86, 5.44, 6.43, 6.63, 7.17 (44,000 fb, Undern asles only)			A11 3235-T-2152
		Rumou 3 43, 3 53, 3 73 3 60, 3 91 8, 10, 4 51 (44,056 (b. sandaro codes (ort)	Wenant diff. lass	\$200- <b>A</b> -1873	A10.3235-D-2182
		Ration 4 30, 4 33, 4 36 4 63, 4 89, 5 13, 5 29 5 57, 5 86, 4 14, 6 43 (6 63, 7 17 (44, 00216) (andem anier only)	Without diff, look	12094-1676; 3290-4-1873	A10 3235 ¥ 2152
		Rutice 3.07, 3.08, 3.21 and 2.36	Without diff. Jack	3250-M-1547 except 1.85° 33 spins	A1 3235 S 183#
		Radoo 3 42, 3.53, 3.54 3.70, 3.73, 3.00, 1.91 4.10, 4.11 (Except 44.000 to undern solars) Note: 4.33 ratio for except for our diff name.			A4-3233-U #44
		Roppe 4 30 4 33 4 16 4 61 4 39 5 13 5 29 5 57 5 86 5 14 6 43 6.63 1.17 (Except 44,000 (b. tendem polar)			A1-3235-W-1943
		Ratice 2.64. 2.79. 2.43		3209-M-1885	A18-3235-V-1920
		Rates 3 47, 3.93, 3.58, 3.10, 3.13, 1.90, 3.91, 4.10, 4.11 (Except 44.000 (b. sendern scient) Note: 4.33 ratio for cleach quality gearing deal area		3700-R-1580	A12-3235-C-1719

TEM	DESCRIPTION		REMARKS	CARRER	QTY	PART NUMBER
(Cont)	Case & neat a say main dif.	Ratics 4.30, 4.33, 4.56, 4.61, 4.88, 5.11, 5.28, 5.57, 5.86, 8.14, 6.43, 4.83, 7.17, (Except	Without plft lock	2200-8-1500	Com 1 as	A14-3235-E-1721
		44,000 lb. tandem mies)		A CONTRACTOR OF A CONTRACT		he and
		Ratino 342, 355, 358, 3,76, 3,75, 3,96, 3,91	With diff lines	A12-3200-R-1500		A4-3235-C-1719
		4,10,411 (Except 44,000 to tantiem aslact) Note: 4.33 ratio for exact- quality genering also uses				
		Ratos 43, dill. cxxx Ratos 4 30, 4 33, 4 50, 4 63, 4 88, 5, 13, 5 29, 5 57, 5 86, 6 14, 6 43, 8 83, 7, 17 (Except			2	AF-3225-E-1721
		44,000 lb tendem axies) Rates 3 07, 3 09, 3 21	and the second s		A3-3235-Y-1741	
		and 3.36				The second second
		Rates 3.42, 2.50, 3.60 2.76, 3.75, 3.96, 3.91, 4.10, 4.11 (Escap) 44,000 (b, sandem oxies) Note: 4.33 rolio for coath southy generity also used	Villaout sift, lack	.R516140, R517140, 3200-14-1547 (1.85°-36 apilem)		A 1-3235-N-1938
		dvis stri diff. onso.				
		Rumos 4.34 4.33 4.56 4.63, 4.88, 5.13, 5.29 5.57, 5.86, #.14, 6.43				A1-3235-Q-1911
	h	6,83, 7.17 (Except	and the second sec	and the second sec		
	and the second second	44 (600 lb. tandem role-1)	and the	- and the second	-	and the second
	Case & nest area mem	Ratio 4.30, 4.33, 4.56	NaSPIN diff	1070, 1785, 1885, 1885	1 m m	A12-3235-W-1843
131	3:57	4:63 498, 513, 520, 557, 586, 614, 643, 683, 711 (Except 44,000 (b, tander) (poisa)			veq	A11-1235-W-1841
		Ratio 3.42, 3.58, 3.73		1076, 1785, 1885, 1885		A12-3235-U-1841
	X.B.	3.96, 3.91, 4.16, 4.11 (assept 43,000 tb.) Alata: (4.33 mbs for coach				A11-3235-U-1841
		sually gearing also used this still diff, case		10000		
		Ratics 3 47, 3 59, 3 73, 3,90, 3 01, 4 10, 4 11 (44,000 /b. tendem a dex anty	1	2200-4-1873		A4-3735-D-2188
		Ratio 2.64, 2.79, 2.93	-	3203-1-107.6		A12-3235-V-1920
		Charles and states				A11-2235-V-1920
		Ratio 3.07, 3.21				A12-3235-S-1839
		ALL LIN LIN YOU		20000		A11-J233-S-1839
		Hatos 4.36, 4.33, 4.56, 4.63, 4.88, 5.13, 5.29, 5.57, 5.86, 6.14, 6.43, 6.83, 7.17 (44,000 lb.		3200-A-1873		A4-3235-T-2152
23 Ber 110	Case & nest areay mean	Ratio 2.64, 2.79, 2.93	Without siff. look	With ABS tubes	20.112	A#-3235-N-2172
23 mil 10. 04 205, 208		Ratio 3.07, 3.21	Constraint and	MANADO ORIGO.		A7-3235-N-2172
		ralio 3.07, 3.21			-	A3-3220-M-2171 A4-3235-M-2171
		Ratios 3.42, 2.58, 3.73.				A7-3235-Y-2761
		3.90, 3.91, 4.10, 4.11 (44,000 lb. tendem aidex				
		enity) Fiatics 3.47, 3.58, 3.73, 3.90, 3.91, 4.10, 4.11 (Except 44,010 is tamiem autos) (00TE 4.33 mito for ceneh				A4-3235-L-2170
		quality gearing also used this stal diff, case			_	

ITEM	DESCRIPTION		REMARKS	CARRER	QTY	PART NUMBER
123 miu 130 134, 205: 206 (Cont)	Gpta & nest excit main diff.	Rabes 3.42, 3.58, 3.73, 3.90, 3.91, 4.10, 4.11 (Except 44,000 lb tandem svies) NOTE: 4.33 rate for coach guidity gearing also uses this std. dift.case	Without ##7, food	With ABS tubes	Utat as 1 mg	A5-3725-L-2170
	Rubes 4.30 4.33 4.56 4.83 4.88, 5.13, 5.29 5.57 5.88, 6.14, 6.43 6.83, 7.17 (44,000 fb)			lise 1 as res:	A2-3235-K-2169	
		tandem anes only) Ratios 4.33, 4.33, 4.56,			1.00	A5-3235-J-2468
	-	A 83, 4 88, 5, 13, 5, 29 5 57, 5 88, 6 14, 6 42 6 83, 7 17 (Excent 44, 010 (5) fundamit radius)				A4-3225-J-2161
124	Thrust eacher - side gear		Not used on NoSPIN	All after 1 1/93 except 1 857-38 spline	2	1229 1/-1623
				All prior to 11/93 exercit 1.85° 36 splind		1273-X-4522
				RS16140, RS17140) 3200-M-1547 (1.65*38 spine)		1771-2-3172
125	Side geer - differential		Inniuded in KIT 2308	R515140, R517140, 3300-M-1547 (185*-38 spine)	2	7234 T. 1986
			Included in KIT 2389	RS18140, RS17140, RS17145 after 11/93 (1.85*-36 spline)		2234-V-1270
				RS16140, RS17140, RS17145 prior to 11/93 (1.85*-35 spline)		KITE 2759
			Insuded in KIT 2310	RS21145 and RR20145		7234-0-1263
				RS21145 and RR20145 prior to 11/93	1.1	KIT 2759
			Inslueed in SIT 2696	RT44145 Landams allo 11/93		2234-3-1272
	-			RT44145 tandemic from 1/93 to 11/90		KIT 2760
195				RT44149 dandems prior to 1/93		KIT 2696
128	Threet waeher - dift, pinks			All encept 1 85"-38 spline R\$16140, R\$17140, 3200-M-1547 (1.85"-35 op (ne)	a	1229-R-1032 1229-L-1024
127	Gaar + differentia) proor.		1.00	All errospt 1.85*-36 spline and RT44145 tandems produced after 1/03	a	7223-1-1024
			Included in KIT 2308	R\$16140, R\$11140, 3200 M (547 (185'-36 spline)		2231-10-102/
			Incuded in KUT 2616	RT43145 tandams produced after 1/93	1	2233-X-1116
128	Spider - differential (cross	<b>1</b> -		All except 1 85*-36 saline and RT44145 (andems produced after (783	1	3278-5-305
			Included in KIT 2308	RS16140, RS17140, 3200-M-1547 (1.85°-38 epilmu)		3278 D.82
_			Included in KIT 2696	RT44145 tandems produced after 1/93		3278-Y-1117F
125	Waster - men diff. case i	the trace		Al	18	1279-C-1511
130	Capaciew-main dif. sas	e halves		Al	18	41-2-1327
1304	Thread locking liquid			Al	35 165;	2297-C-T049

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
#31	NoSPIN diff. nest assembly	PIN dff: mest assembly Serviced as anay, anly, Risolation thems, 124-128		1	A-3230-V-1036
			RS16140, RS17140, RR17145 (except 3200 M-1547 1 85*-38 optma)		AZ 3231-U 1035
		-	RS21145, RR20145 and RR22145		A-3238-T-1034
1314	Cover - special carrier - w/o diff. losk	Without ciff. fool	3206-R-1500	1	3266-14-897
1318	Washer - cover - w/s diff tack		and the second sec	- 4	MWA-508
1310	Capsurate - Entre: - Win diff look		1 1	1	\$1-X-1680

#### Note: The following parts are used only on rear carriers with main differential lock.

182	Lack plate - adjurting ong R.H.		3200-R-1500	1	1220-K-85
133	Washer - lock plate			2	MWA-508
134	Capteraw - lock plate		the second second second	2	MS-208029-1
125	Clutch sollar-main diff. lock		1553, 1872, 1979 and 1904	1	3107-D-16/8
	the second se	and the second s	3200-R-1500		3107 R 1005
136	Shift fork	Old 1 pc. design	1558 and 1872	4	3296-W-1157
	at the second seco	New ) pc. design	1879 and 1904		3796-2-1170
-		Original 3 pc. dasign	3206-R-1500	-	3296-F-118
#37	Pins-shift faik	Criginal design -	AL	.2	43 X-1607
138	Spring - main dill. lock		1500 1958 and 1872	- d -	ZZ18-L-714
1		and the second se	1879 and 1904		2258 N 1262
139	Shift shaft - man the lack		1558 and 1872	1	2244-L-1026
	and the second se		1879 and (904		2214-V-1114
			3200-R-1500		2244.2.52
140	Pin- spring retaining	Criginal derign	41	100	43 X-1906
641	Tube- as cylinder		All loaft-out designs-	-	3196-F-37
142	Pitten - or sylinder		Bott-on-shifter	di.	2230-11-170
			Screw-in shifter		2230-T-1190
143	O-Ring - piston		Bott-on shifter	- T	5.8.1153
	and the second sec		Screw-in shifter		5X-1198
144	Gask at - an cylinder coxer			1	2208 8 844
145	Cépico em - intensal engligeng		1558 and 1872	- 65	\$1-X-1330
			1879 and 1904		41-X-1368
			3200-R-1500		41-X-1333
161	O-ring - manual angaging capacites			1	5.X-321
148	Cover - air cyinder		All bolt-on designs	1	3256-F-1020
148A	Shift cylinder assembly		Serrive in design	1	3261-A-1067
147	Capacree - er cylinder cover		1958 and 1872	1.4	11.3.1359
			3206-R-1500		41-X-1364
148	Washer - air cylinder cover		All balt-on designs	4	MWA-506
149	Gesset-plug		and the second se	1	2208-L-1000
150	Plug - air cylinder ower			1	MS-210016-1
151	Sensor/ewitch - main diff. lock	Includes item 151A	Al	1	KIT 4455
151/	Clip + s ensor/switth			1	2257 # 1225
157	Nut- consurcewitch		1500 1558 and 1872	1	1227-P-1056

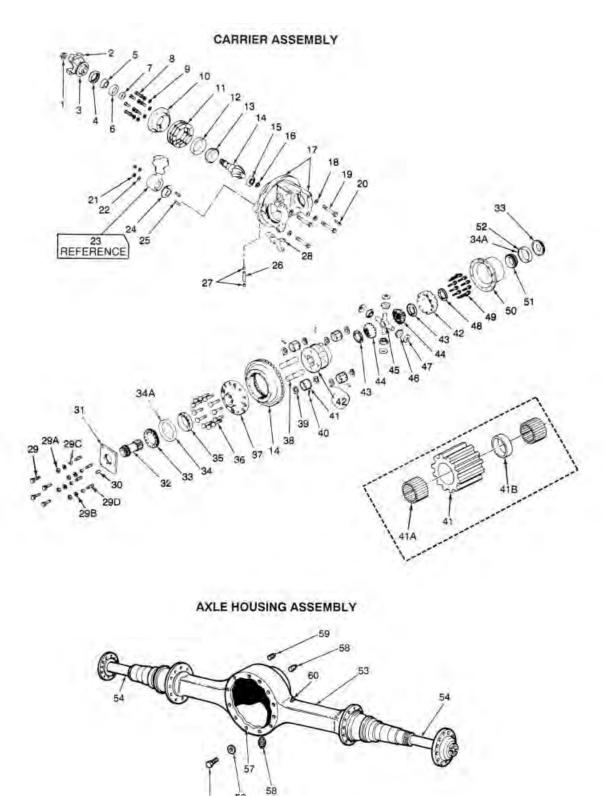
#### Note: The following parts are used only on rear carriers with internally mounted anti-lock brake system sensors

200	Wave washer		ALC: NO. R. CO. LANSING MICH.	2	2258-0-1243
201	Smap ring			2	1229 B 4427
202	Snap ing			2	1225-0-1515
203	Sensor hasembly			2	A1-J280-U-8861
204	Sensor - dive tube	39 soline	Lise KJT, 2511	.2	3216-5-4361
		41 spline	Lise KIT 2512		3216 D 4358
205	Wather - tube spacing			2	42-3-1248
208	Snap ring - tube retaining		-	2	1229 11 4421

# Notes

PARTS LISTED IN THIS CATALOG ARE NOT NECESSARILY MANUFACTURED BY THE ORIGINAL EQUIPMENT MANUFACTURER AND ANY REFERENCE TO T	
OF OTHERS ARE FOR CROSS REFERENCE INFORMATIONAL PURPOSES ONLY. THE TRADEMARKS OF OTHERS REFERRED TO HEREIN ARE OWNED BY ARE NOT AFFILIATED IN ANY WAY WITH MIDWEST TRUCK & AUTO PARTS. INC.® MOTIVE GEAR® AND WORLD AMERICAN® ARE THE REGISTERED TRAD	
ARE NOT AFFILIATED IN ANY WAY WITH MIDWEST TRUCK & AUTO PARTS, INC. <sup>®</sup> MOTIVE GEAR <sup>®</sup> AND WORLD AMERICAN <sup>®</sup> ARE THE REGISTERED TRAD PARTS, INC. <sup>®</sup> USE OF THE '®' IN CONNECTION WITH A MARK OF MIDWEST TRUCK & AUTO PARTS, INC. <sup>®</sup> INDICATES THAT THE MARK IS REGISTERED IN	AT LEAST THE UNITED STATES. NO
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#### 2 SPEED SINGLE AXLES 210, 220, 230 & 240 SERIES



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#### TWO SPEED AXLES MODELS: 210, 220, 230 AND 240 SERIES

ITEM	DESCRIPTION	MODEL	QTY	PART NUMBER	REMARKS
	Bearing, Seal & Gasket Kit			RA225R	
1	Nut-drive Pinion	All except 240's	1	40X1094	
		RS-23-240	1	40X1095	
2, 3	Input Yoke Assy		1	0007D0440	CALL YOUR SALES REP
3	Deflector-Input Yoke All except 240's	RS-23-240	1	2297D3410 2297N3888	
4	Oil Seal-Pinion Cage Assy	All except 240's	1	415082N	
	en eeur mien eugeziety	RS-23-240	1	100263	
5	Cone-Drive Pinion Outer Bearing	210's & 220's	1	M804049	
	-	RS-21-230	1	HM804846	
		RS-23-240	1	55206C	
				N004040	
6	Cup-drive Pinion Outer Bearing	210's & 220's	1	M804010	
		RS-21-230 RS-23-240	1	HM804810 55437	
		K3-23-240	1	55457	
7	Spacers-Pinion Bearing			2203D9156	.234 inch/5.94 mm
				2203E9157	.235 inch/5.97 mm
				2203F9158	.236 inch/5.99 mm
				2203G9159	.237 inch/6.02 mm
				2203H9160	.238 inch/6.04 mm
			Use	2203J9162	.239 inch/6.07 mm
		All except 240's	2	2203K9163	.244 inch/6.20 mm
			as	2203L9164	.250 inch/6.35 mm
			req.	2203M9165	.256 inch/6.35 mm
				2203N9166	.262 inch/6.65 mm
				2203P9168	.268 inch/6.81 mm
				2203C9103	.360 inch/9.14 mm
				2203D9104	.361 inch/9.17 mm
				2203E9105	.362 inch/9.19 mm
				2203F9106	.363 inch/9.22 mm
		RS-23-240	Use	2203G9107	.364 inch/9.25 mm
		Only	2	2203H9108	.365 inch/9.27 mm
			as	2203J9110	.372 inch/9.45 mm
			req.	2203K9111	.378 inch/9.60 mm
				2203L9112	.385 inch/9.78 mm
				2203M9113	.391 inch/9.93 mm
				2203N9114	.398 inch/10.11 mm
8	Capscrew-Pinion Bearing Cage	All	8	MS2120401	
9	Washer-Pinion Bearing Cage	All	8	MWA512	
10, 12	Pinion Bearing Cage Assy	210's & 220's	1	A3226R1058	
		RS-21-230 RS-23-240		A3226S1059 A3226U1061	
11	Shims-Pinion .003 inch/.076 mm		Use	2203S9171	
	Bearing Cage .005 inch/.127 mm		as	220339171 2203Q9169	
	.010 inch/.254 mm		req.	2203Q9109 2203R9170	
	<u>10.10</u>	-			
	.003 inch/.076 mm	<u>1</u>	Use	2203D9052	
	.005 inch/.127 mm	RS-23-240	as	2203E9053	
	.010 inch/.254 mm	1	req.	2203F9054	
12	Cup-Driven Pinion Inner Bearing	All except 240's	1	55437	
		RS-23-240	1	78551	
13	Cone-Driven Pinion Bearing	All except 240's	1	55200C	
			1 1		

#### TWO SPEED AXLES MODELS: 210, 220, 230 AND 240 SERIES (Cont'd)

ITEM	DESCRIPTION	MODEL	QTY	PART NUMBER	REMARKS
14, 1	Drive Gear Pinion and Nut Assy	R\$15-210	Use 1 as req.	A39696-1 A39698-1 A39700-1 A39702-1 A39704-1 A39706-1	4.10 Ratio 4.56 Ratio 4.88 Ratio 5.38 Ratio 6.14 Ratio 6.83 Ratio
		RS-17-220	Use 1 as req.	A39726-1 A39728-1 A39730-1 A39732-1 A39734-1 A39742-1 A39744-1 A39746-1	3.91 Ratio 4.10 Ratio 4.56 Ratio 4.88 Ratio 5.38 Ratio 6.14 Ratio 6.83 Ratio 7.17 Ratio
		RS-21-230	Use 1 as req.	A39766-1 A39768-1 A39770-1 A39772-1 A39776-1 A39926-1 A39928-1 A39930-1	3.91 Ratio 4.10 Ratio 4.56 Ratio 4.88 Ratio 5.38 Ratio 6.50 Ratio 6.83 Ratio 7.17 Ratio
		RS23-240	Use 1 as req.	A39952-1 A39954-1 A39956-1 A39958-1 A39962-1 A39964-1 A39968-1 A39970-1 A39974-1	4.10 Ratio 4.30 Ratio 4.56 Ratio 5.38 Ratio 5.57 Ratio 6.14 Ratio 6.50 Ratio 7.17 Ratio
15	Bearing-drive Pinion Spigot	RS-15-210 RS-17-220 230's & 240's	1 1 1	MUB1305UDM RU1570UM MUB1307UBM	
16	Snap Ring-Spigot Bearing Retainer	RS-15-210 All except 210's	1	1229W1167 1229A1301	
17, 18, 19	Differential Carrier and Cap Assy	RS-15-210 RS-17-220 RS-21-230 RS-23-240	1 1 1 1	A2-3200H1568 A2-3200D1616 A2-3200D1564 A2-3200F1566	
18	Washer-Differential Bearing Cap	All except 240's RS-23-240	4	MWA516 42X1021	
19	Capscrew-Differential Bearing Cap	210's & 220's RS-21-230 RS-23-240	4 4 4	MS2161101 MS2161301 MS2201301	
20	Cotter Pin - Adjusting Ring R.H.	All	1	2297C5151	
21	Nut-Shift Assy to Carrier	All	2	1227D1278	
22	Washer-Shift Assy Stud	All	2	WA17	
23	Shift Assy-Air, Vacuum or Electric	All	1	Reference Only	Supplied by vehicle manufacturer

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#### TWO SPEED AXLES MODELS: 210, 220, 230 AND 240 SERIES (Cont'd)

ITEM	DESCRIPTION	MODEL	QTY	PART NUMBER	REMARKS
24	Diaphragm-Shift Unit (Boot Assy)	All	1	A3280M8307	
25	Stud-Shift Assy to Carrier	All	2	SN7141	
26 27	Pin-Shift Fork Plugs-Shift Fork Pin Hole	All	1	1246L1026 1250J1024	
28	Shift Fork Assy	RS-15-210 RS-17-220	1 1	A3296J1024 A3296L1026	
		RS-21-230 RS-23-240	1 1	A3296N1028 A3296Q1031	
29	Capscrew-Clutch Plate to Carrier	RS-15-210 RS-17-220	4	41X1158 41X1157	
29A	Nut-Clutch Plate Stud	230's & 240's	4	40X1091	
29B	Washer-Clutch Plate to Carrier	230's & 240's	4	42X1078	
29C	Dowel-Clutch Plate to Carrier	230's & 240's	4	42X1076	
29D	Stud-Clutch Plate to Carrier	230's & 240's	4	44X1066	
30	Lock Pin L.H. (Clutch Plate)	210's & 220's	1	1246J1024	
31	Clutch Plate	230's & 240's RS-15-210 RS-17-220	1 1 1	1246H1022 Use KIT 2455 Use KIT 2456	
		RS-21-230 RS-23-240	1 1	Use KIT 2457 Use KIT 2458	
32	Sun Gear	RS-15-210	1	Use KIT 2455	
		RS-17-240 RS-21-230 RS-23-240	1 1 1	Use KIT 2456 Use KIT 2457 Use KIT 2458	
33	Adjusting Rings	RS-15-210 RS-17-220	1	2214D1044 2214H1048	L.H.
		RS-21-230 RS-23-240 210's & 220's	1 1 1	2214M1053 2214B1042 2214F1046	R.H.
		230's & 240's	1	2214K1051	
34	Cup-Differential Bearing (L.H.)	RS-15-210 RS-17-220 RS-21-230	1 1 1	JM716610 42584 52618	
		RS-21-230 RS-23-240	1	52618 JP12010	
34A	Adhesive-Bearing Cup	All	1	2297T4180	
35	Cone-Differential Bearing (L.H.)	RS-15-210	1	JM716649	
		RS-17-220 RS-21-230 RS-23-240	1 1 1	42381 52400 JP12049	
36	Capscrew-Support Case to Gear	RS-23-240 RS-15-210 RS-17-220 RS-21-230	8 8 8	41X1154 41X1152 41X1151	
37	Support Case-Planetary Half (L.H.)	RS-23-240 RS-15-210 RS-17-220	8 1 1	41X1153 Use KIT 2455	
		RS-17-220 RS-21-230 RS-23-240	1 1 1	Use KIT 2456 Use KIT 2457 Use KIT 2458	

#### TWO SPEED AXLES MODELS: 210, 220, 230 AND 240 SERIES (Cont'd)

ITEM	DESCRIPTION	MODEL	QTY	PART NUMBER	REMARKS
38	Shaft-Planetary Pinion	RS-15-210	4	3198C1017	Old style non-needle
30		RS-17-220	4	3198U1009	Bronze replacement
		RS-21-230	4		
		RS-23-240	4	3198V1010 3198W1011	(Before Aug. 1991)
		10 20 240	-	010001011	
		RS-15-210	4	3198A1015	New style needle bearing
		RS-17-220	4	3198Z1014	(After Aug. 1991)
		RS-21-230	4	3198X1012	
		RS-23-240	4	3198Y1013	
39	Thrust Washer-Planetary Pinion	All except 240's	8	1229K3183	Old style non-needle
39	Thrust Washer-Flanetary Finion	RS-23-240	8	1229H3180	(Before Aug. 1991)
		All except 240's	8	1229W3195	New style needle bearing
		RS-23-240	8	1229V3194	(After Aug. 1991)
40	Roll Pin-Planetary Pinion	RS-15-210	4	1246K1025	
		All except 210's	4	1246H1022	
		<b>DO</b> 1777			
41	Gear-Planetary Pinion	RS-15-210	4	3892G4843	Old style non-needle
		RS-17-220	4	3892M4849	(Before Aug. 1991)
		RS-21-230	4	3892N4850	
		RS-23-240	4	3892U2803	
		RS-15-210	4	3892T4856	New style needle bearing
		RS-17-220	4	3892S4855	(After Aug. 1991)
		RS-21-230	4	3892Q4853	(
		RS-23-240	4	3892R4854	
41A	Needle Bearing-Planetary Pinion	RS-15-210	200	2297E5179	
	Shaft	220's & 230's	200	2297C5177	
		RS-23-240	224	2297D5178	
41B	Spacer-Needle Bearing	210's & 220's	4	2203E9599	
		RS-21-230	4	2203C9597	
		RS-23-240	4	2203D9598	
42, 49	Differential Case Assy	RS-15-210	1	A3-3235Q1889 (1)	Old style non-needle
-	2	RS-17-220	1	A3-3235H1906 (1)	(Before Aug. 1991)
		RS-21-230	1	A3-3235G1905 (1)	
		RS-23-240	1	A4-3235S1865 (1)	
		D0 45 040		4000504000	New Otale No
		RS-15-210	1	A3235Q1889	New Style Needle
		RS-17-220	1	A3235H1906	Bearing
		RS-21-230 RS-23-240	1	A3235G1905	(After Aug. 1991)
		110-20-240	1	A1-3235S1865	
42, 43,	Differential Case and Nest Assy	RS-15-210	1	A4-3235Q1889 (2)	Old style non-needle
44, 45		RS-17-220	1	A4-3235H1906 (2)	(Before Aug. 1991)
46, 47		RS-21-230	1	A4-3235G1905 (2)	
49		RS-23-240	1	A5-3235S1865 (2)	
		RS-15-210	1	A1-3235Q1889	New style needle bearing
		RS-17-220	1	A1-3235H1906	(After Aug. 1991)
		RS-21-230	1	A1-3235G1905	· - ·
		RS-23-240	1	A3235S1865	
		RS-23-240	1	A323551865	

(1) Includes item numbers 38, 39, 40, 41, 41A, 41B, 42 & 49.

(2) Includes item numbers 38, 39, 40, 41, 41A, 41B, 42, 43, 44, 45, 46, 47, &

### ROCKWELL<sup>®</sup> TWO SPEED AXLES MODELS: 210, 220, 230 AND 240 SERIES (Cont'd)

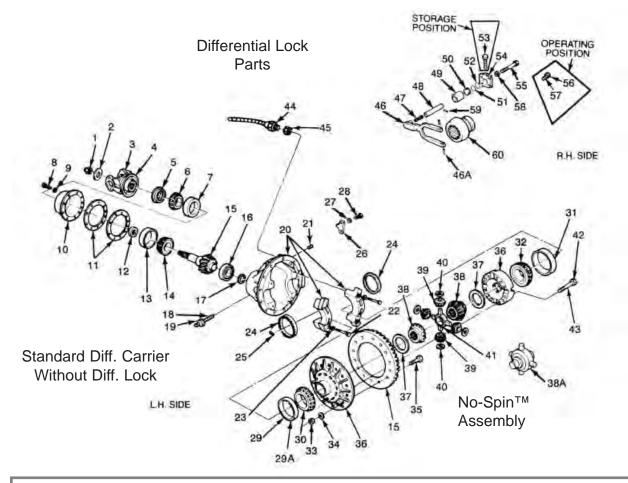
ITEM	DESCRIPTION	MODEL	QTY	PART NUMBER	REMARKS
43	Thrust Washer-Side Gear	210-s & 220's	2	1229Z3172	
		RS-21-230	2	1229T1034	
		RS-23-240	2	1229B3174	
44	Side Gears	RS-15-210	1	2234L1130	L.H. Short Hub
		RS-15-210	1	2234M1131	R.H. Long Hub
		RS-17-220	1	2234T1086	L.H. Short Hub
		RS-17-220	1	2234S1085	R.H. Long Hub
		RS-21-230	1	2234K1077	L.H. Short Hub
		RS-21-230	1	2234M1079	R.H. Long Hub
		RS-23-240	1	2234X1090	L.H. Short Hub
		RS-23-240	1	2234W1089	R.H. Long Hub
45	Spider-Differential Cross	RS-15-210	1	3278Z104	
		RS-17-220	1	3278D82	
		RS-21-230	1	3278H86	
		RS-23-240	1	3278Q1031	
46	Gear-Differential Pinion	RS-15-210	4	2233Q1031	
		RS-17-220	4	2233M1027	
		RS-21-230	4	2233J1024	
		RS-23-240	4	2233P1030	
47	Thrust Washer-Differential Pinion	RS-15-210	4	1229Q2877	
		RS-17-220	4	1229L1026	
		RS-21-230	4	1229R1032	
		RS-23-240	4	1229A3173	
48	Thrust Washer-Differential Case	210's & 220's		1229Z3172	
		RS-21-230		1229T1034	
10	Oran a service in the local se	RS-23-240	1 12	1229B3174	
49 50	Capscrew-Differential Case	All	12	41-X-1149	
50	Support Case-Plain Half (R.H.)	RS-15-210 RS-17-220	1	3280P8310 3280G8301	
		RS-17-220 RS-21-230	1	3280H8302	
		RS-23-240		3280J8304	
51	Cone-Differential Bearing R.H.	210's & 220's	1	JLM714149	
51	Cone-Differential Dearing N.H.	230's & 240's	1	JM716649	
52	Cup-Differential Bearing R.H.	210's & 220's	1	JLM714110	
02	Sup Differential Dealing K.H.	230's & 240's	1	JM716610	
53	Axle-Housing Assy	All	1	As specified	
54	Axle Shafts		2		CALL YOUR SALES REP
55	Capscrew-Carrier to Housing	RS-15-210	12	S2814-1	
		All except 210's	8	S21014-1	Short
		All except 210's	4	S21020-1	Long
56	Washer-Carrier to Housing	RS-15-210	12	1229C1511	
	-	All except 210's	12	1229U1503	
57	Gasket-Carrier to Housing (Silastic)	All	Use as req.	1199T3842	
58	Plugs-Magnetic	All	2	1250E473	
59	Plug-Head Indicator All	All	P28		
60	Housing Breather Assy	All	1	A1199P1394	

### ROCKWELL<sup>®</sup> CARRIER FEATURES CHART

A34-3200F1488	STANDARD DIFFERENTIAL - NO THRUST SCREW
A30-3200F1488	NO-SPIN™ DIFFERENTIAL - NO THRUST SCREW
A56-3200P1498	HI-TRACTION DIFFERENTIAL - NO THRUST SCREW
A61-3200P1498	MAIN DIFFERENTIAL LOCK - NO THRUST SCREW
A11-3200K1519	STANDARD DIFFERENTIAL - WITH THRUST SCREW
A3-3200M1651	STANDARD DIFFERENTIAL - SPECIAL MACHINED



#### DIFFERENTIAL CARRIER MODELS: RS13-120, 15-120 AND 125 SINGLE AXLES



ITEM	DES	CRIPTION	REMARKS	QTY	PART NUMBER
	Bearing, Seal &	Gasket Kit			RA218R
1	Nut-Drive Pinion		In KIT 2636	1	40X1236
2	Washer-Drive Pir	nion Nut	In KIT 2636	1	1229A2653
3, 4	Input Yoke Asser	nbly		1	CALL YOUR SALES REP
4	Deflector-Input Y	oke		1	DEFR40-4
5	Oil Seal-Pinion B	rg. Cage Assy		1	415082N
6	Cone-Drive Pinio	n Outer Bearing		1	HM804846
7	Cup-Drive Pinion	Outer Bearing		1	HM804810
8	Capscrew-Pinion	Bearing Cage		8	MS212040-1
9	Washer-Pinion B	earing Cage		8	MWA-512
10 <b>(1)</b> , 7, 13	Pinion Bearing C	age Assy		1	A3226Z858
		<u>.004 inch/.100 mm</u>			2203K8487
11	Shims-Pinion	.005 inch/.120 mm		Use	2203L8488
	Bearing Cage	.006 inch/.160 mm		as	2203X8812
		.020 inch/.500 mm		req.	2203C8791

#### (1) Includes item numbers 38, 39, 40, 41, 41A, 41B, 42 & 49.

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#### DIFFERENTIAL CARRIER MODELS: RS13-120, 15-120 AND 125 SINGLE AXLES (Cont'd)

ITEM	DESCRI		REMARKS	QTY	PART NUMBER
12 	Spacers-Pinion Bearing Preload Cup-Drive Pinion Ir Cone-Drive Pinion			Use 2 as req. 1	2803Q2513 2803R2514 2803S2515 2803T2516 2803U2517 2803V2518 2803W2519 2803X2520 55437 55200C
15, 1, 2, 17	Drive Gear, Pinion & Nut Assembly	3.31 Ratio         3.58 Ratio         3.73 Ratio         3.91 Ratio         4.10 Ratio         4.30 Ratio         4.30 Ratio         4.56 Ratio         4.88 Ratio         5.13 Ratio         5.29 Ratio         5.57 Ratio         5.86 Ratio         6.14 Ratio         6.83 Ratio         7.17 Ratio		Use 1 as req.	A38784-4 A41588-1 A38988-4 A39504-4 A38774-4 A39502-4 A38990-4 A38990-4 A38992-4 A38994-4 A38994-4 A38996-4 A38928-4 A38928-4 A39498-3 A39382-3 A39496-3
16	Bearing-Drive Pinio	on Spigot		1	1228H580
17	Snap Ring-Pinion S	Spigot Bearing		1	1229W1167
18	Thrust Screw		Used on 3200K1519 Only	1	41X1021
19 20 <b>(1)</b> , 22, 23	Jam Nut Differential Carrier	and Cap Assembly	Used on 3200K1519 Only Standard Mounting For Differential Lock Standard w/External Support Rib Machine Differential Lock w/Thrust Screw	1	40X1016 A2-3200F1488 A2-3200P1498 A2-3200K1519 A2-3200M1651
21	Plug			1	45-X-1003
22	Capscrew-Differentia			4	MS216090-1
23	Washer-Differential E	U		4	1229U1503
24		L.H. (Small) R.H. (Large)		1 1	2214B288 2214C289
25	Cotter Pin-Adjusting			1	1199R2176
26	Lock-Adjusting Ring	R.H.		1	1220K89
27	Washer-Adjusting Ri	ing Lock		2	MWA508
28	Capscrew-Adjusting	Ring Lock		2	MS208020-1
29	Cup-Differential Bear	ring L.H.	· · · · · · · · · · · · · · · · · · ·	1	JM511910

#### (1) Includes item numbers 38, 39, 40, 41, 41A, 41B, 42 & 49.

#### DIFFERENTIAL CARRIER MODELS: RS13-120, 15-120 AND 125 SINGLE AXLES (Cont'd)

ITEM	DESC	RIPTION	REMARKS	QTY	PART NUMBER
29A	Adhesive-Bearing	Cup		1	2297T4180
30	Cone-Differential E	Bearing L.H.		1	3994
31	Cup-Differential Be	earing R.H.		1	34478
32	Cone-Differential E	Bearing R.H.		1	34306
33	Nut-Gear to Case		Used in KIT 2600	12	40X1234
34	Washer-Gear to C	ase	Used in KIT 2600	12	1229C1511
35	Capscrew-Gear to	Case	Used in KIT 2600	12	41X1331
		3.31, 3.58, 3.73,	Standard Differential and		
		3.91, 4.10, 4.30	Hi-Traction Only	1	A3235G1723
		4.56, 4.88, 5.13,	Standard Differential and		
		5.29, 5.57, 5.86,	Hi-Traction Only	1	A3235J1726
36, 42	Differential Case	6.14, 6.83, 7.17			
	Assembly	3.31, 3.58, 3.73,	Differential Lock Carriers Only		
		3.91, 4.10, 4.30		1	A10-3235G1723
		4.56, 4.88, 5.13,			
		5.29, 5.57, 5.86,	Differential Lock Carriers Only	1	A7-3235J1726
		6.14, 6.83, 7.17			
36, 37, 38	Differential Case	3.31, 3.58, 3.73,			
39, 40, 41	Assy (Standard	3.91, 4.10, 4.30		1	A1-3235G1723
42, 43	Differential Nest	4.56, 4.88, 5.13,			
	Only)	5.29, 5.57, 5.86,			A1-3235J1726
		6.14, 6.83, 7.17			
37	Thrust Washer-Sic	le Gear		2	1229K4457
38	Side Gear-Differer	ntial	Standard Differential Nest Only	2	2234E1097
			Hi-Traction Differential Only	2	2234L1208
38A	No-Spin™ Assemt	oly		1	A3230Q1031
39	Gear-Differential F	Pinion	Standard Differential Nest Only	4	2233Q1031
			Hi-Traction Differential Only	4	2233J452
40	Thrust Washer-Dif	ferential Pinion		4	1229Q2877
41	Spider-Differential		Standard Differential Nest Only	1	3278P1004
			Hi-Traction Differential Only	1	3278Z104
42	Capscrew-Differen	tial Case		12	41-X-1284
43	Thread Locking Li	quid		1	2297C7049

## ROCKWELL<sup>®</sup> DIFFERENTIAL CARRIER

### LOCK PARTS

ITEM NUMBER	DESCRIPTION	REMARKS	QTY	PART NUMBER
44	Sensor-Differential Lock		1	3237U1061
45	Locknut-Sensor Switch		1	1227P1056
46	Shift Fork		1	3296H190
46A	Pin-Roll		2	43-X-1007
47	Spring-Shift Shaft		1	2258L714
48	Shift Shaft		1	2244Z52
49	Tube-Air Cylinder		1	3196F32
50	Piston-Main Differential Lock		1	2230N170
51	O-Ring Piston		1	5-X-1153
52	Gasket-Air Cylinder Cover		1	2208H944
53	Capscrew-Manual Engaging		1	41-X-1333
54	Cover-Air Cylinder		1	3266F1020
55	Capscrew-Air Cylinder		4	41-X-1364
56	Plug-Air Cylinder Cover		1	MS210016-1
57	Gasket-Plug		1	2208L1000
58	Washer-Cover Fastener		4	MWA506
59	Roll Pin-Shift Shaft		1	43-X-1006
60	Clutch Collar			1 3107H60

# We specialize in many applications including transmission, driveline, differential, brake components, air valves and more.

We wholesale products for the light, medium and heavy duty drivetrain markets, as well as the performance racing and off road markets.

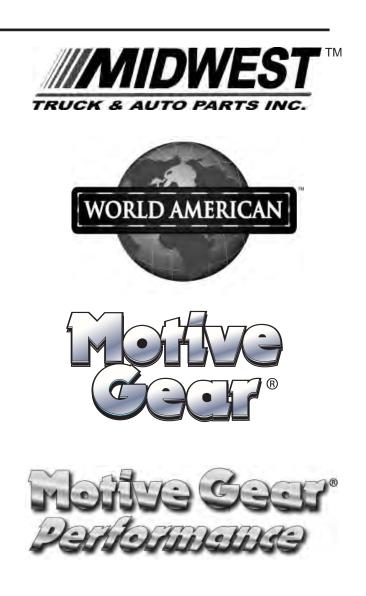
#### **The Midwest Family**

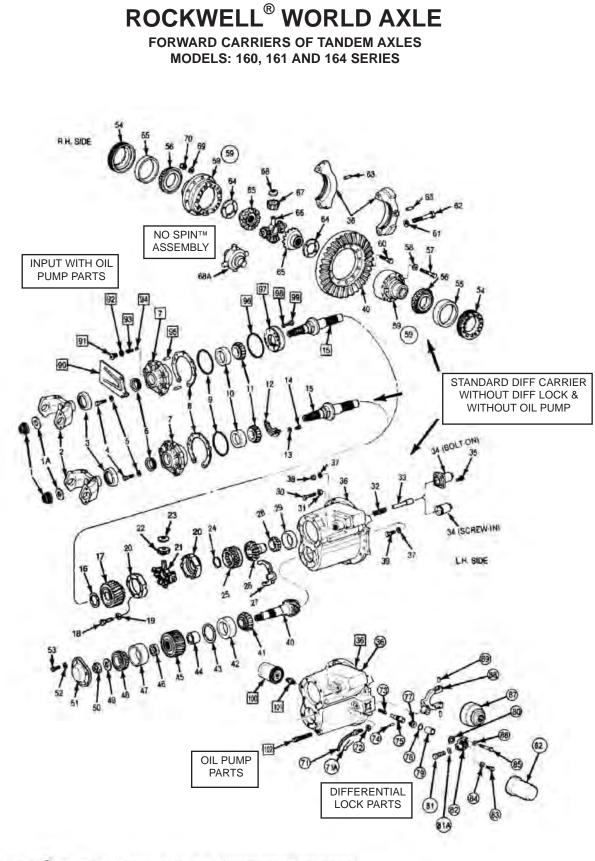
Midwest Truck & Auto Parts, Inc.<sup>™</sup> was divided into specialty divisions in order to provide better service and product lines to the entire customer base.

Motive Gear® (Light Duty and 4x4) was founded in 1984 and has grown into one of America's leading wholesale supplier of quality aftermarket drivetrain components for truck and car applications. Motive Gear produces and markets ring and pinion gears, axle shafts, differentials, clutches, drivetrains, bearing kits, spindle drives, manual transmission components, 4x4 components, nodular housings, transfer cases, drive chains, winches, locking hubs, lockers and much more.

Motive Gear Performance<sup>®</sup> was established in 1994 in an effort to provide customers with an even greater range of quality products specializing in performance differential components for street, stock car, and strip use.

World American<sup>™</sup> supplies transmission, differential, brake, steering, driveline and suspension products to the global heavy duty aftermarket. World American has more gear ratios and bearing kits than any other supplier in America. Product quality, performance, value and customer satisfaction is taken seriously and guaranteed at World American. The heavy duty product line offers a wide range of differential & transmission components, bearing kits, clutches, brake components, and steering & electrical safety components.

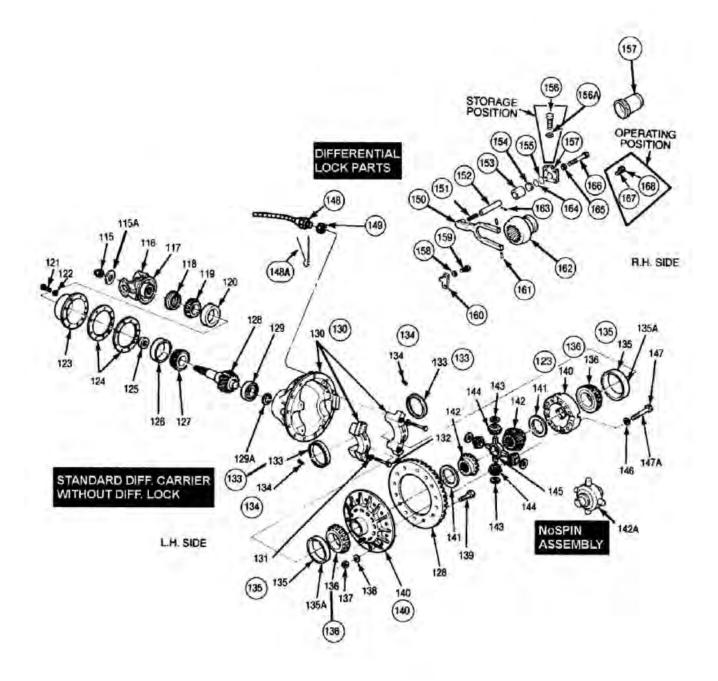




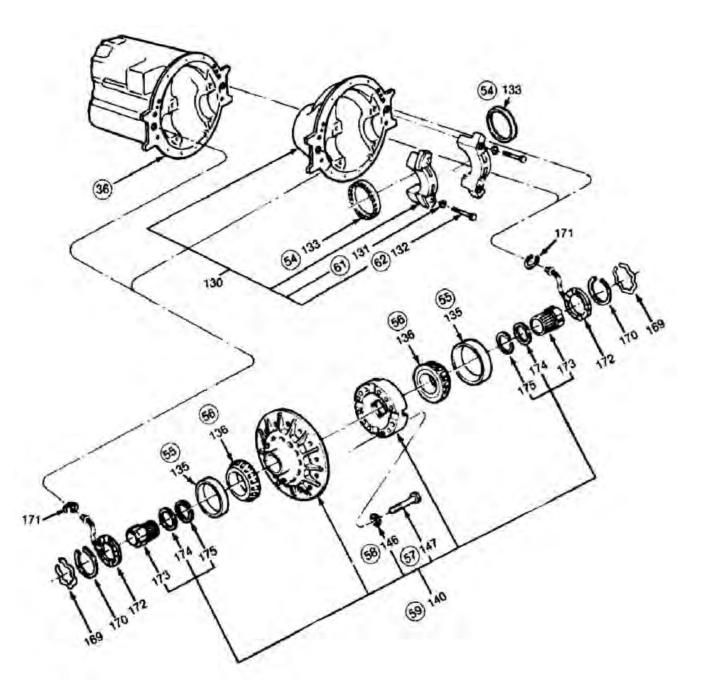
Circled O numbers are diff. lock parts or parts that change when diff. lock is added.

Squared I numbers are oil pump parts or parts that change when oil pump is added.

CARRIERS FOR SINGLE AXLES AND REAR OF TANDEM AXLES 160, 161 AND 164 SERIES



CARRIERS WITH INTERNAL A.B.S. 160, 161 AND 164 SERIES



#### AXLE MODELS - CARRIERS - FEATURES 160, 161, 164 SERIES Single Reduction Axles (Single & Tandem)

	AXLE MOD	ELS	CARRIERS	INTER- AXLE DIFF.	MAIN DIFF. LOCK	NO- SPIN™ DIFF.	OIL PUMP	CARRIER PARTS CHART NUMBER
RS-21160/161	Single Axle		A1-3200-P-1706					2
RS-23160/161			A1-3200-H-1854 (1) (2)					2
RS-24160/161			A1-3200-J-1856 (2)					2
RS-25160/161			A1-3200-Y-1897 (1)					2
RS-26160/161			A1-3200-T-1892		Х			2
			A4-3200-Y-1897 (1)		Х			2
			A17-3200-P-1706			х		2
			A15-3200-Y-1897 (1)			x		2
<u>RT-40160</u>	Forward	RD-20160	A1-3200-X-1818	X				1
<u>RT-46160</u>		RD-23160	A6-3200-Q-1837 (3)	X				1
<u>RT-46164</u>		RD-23164	A1-3200-K-1857 (2)	X				1
<u>RT-50160</u>		RD-25160	A1-3200-W-1895	X	Х			1
<u>RT-52160</u>		RD-26160	A1-3200-J-1908 (3)	X	Х			1
			A4-3200-X-1818	X		X		1
		RP-20160	A1-3200-L-1858 (2)	X			Х	1
		RP-23160	A4-3200-V-1894	X			Х	1
		RP-23164	A1-3200-K-1909 (3)	Х			Х	1
		RP-25160	A1-3200-V-1894	X	Х		Х	1
		RP-26160	A5-3200-K-1909 (3)	X	Х		Х	1
			A9-3200-V-1894	X		Х	Х	1
RT-40160	Rear	RR-20160	A1-3200-P-1706					2
RT-46160		RR-23160	A1-3200-A-1821 (3)					2
RT-46164		RR-23164	A1-3200-H-1854 (1) (2)					2
RT-50160		RR-25160	A1-3200-J-1856 (2)					2
RT-52160		RR-26160	A1-3200-Y-1897 (1)					2
			A1-3200-E-1929 (1) (3)					
			A1-3200-T-1892		Х			2
			A4-3200-Y-1897 (1)		X			2
			A1-3200-D-1928 (3)		X			2
			A4-3200-E-1929 (1) (3)		X			2
			A17-3200-P-1706			х		2
			A15-3200-Y-1897 (1)			X		2

(1) - Aluminum

#### (2) - Internal ABS

### **ROCKWELL<sup>®</sup> WORLD AXLE** FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES

	Bearing, Seal & Gasket Kit - M Kits Available	ultiple	CALL YOUR SALES REP			
1	Nut - Input Yoke & Shaft		Included in KIT 2638		1	40-x-1233
1A	Washer - Input Nut				1	1229-W-4521
2, 3	Yoke & Deflector Assembly - Inp	ut			1	CALL SALES REP
3	Deflector - Input Yoke				1	DEFR56-7
4	Capscrew - Input Bearing Cage				7	MS-212040-1
5	Washer - Input Bearing Cage				7	MWA-512
6	Oil Seal Assembly I- Input Shaft				1	4345V
7, 10	Bearing, Cage & Cup Assy - Input			All less pump	1	A-3226-S-1137
				All with pump	-	A-3226-H-1126
8	Shims - Input Bearing .003" /	.076mm	Included in KIT 2429		Use	<u>2203-K-9241</u>
0		.127mm	Included In KIT 2429			2203-L-9242
					as	
	<u>.010° /</u>	.254mm			req.	<u>2203-M-9243</u>
9	O-Ring - Bearing Cage				1	5-X-1034
10	Cup - Input Shaft Bearing				1	HM-813810
11	Cone - Input Shaft Bearing				1	HM-813843
12	Baffle - Oil		Use without oil pump		1	3221-P-1004
13	Washer - Oil Baffle				3	1229-E-1669
14	Capscrew - Oil Baffle				3	MS-208016-1
15, 1	Input Shaft & Nut Assembly			All less pump	1	A-3297-C-1199
15, 1	Input Shaft, Nut, Ball & Pin Assy		Carriers with pump	All others	1	A1-3297-X-1194
13, 1	input Shart, Nut, Ball & Fill Assy		Carriers with pump	All others	1	A1-3297-A-1194
				For old style A1-3297-H-1022 Input Shaft	_	KIT 2624
16	Thrust Washer - Helical drive ge	ar	Included in KIT 2796	input onait	1	1229-A-4785
17	Gear - Helical drive gear				1	3892-T-4934
18	Capscrew - Inter-axle Diff. Case				8	MS-210045A-1
19	Washer - Inter-axle Diff. Case				8	1229-K-1597
20, 18,	Case Assembly - Inter-axle			After 10/00	1	A5-3235-A-2393
19				Prior to 10/00	-	A1-3235-A-2393
20, 18, 19, 21, 22, 23	Diff. Case & Pinion Nest Assy - I	nter-axle			1	A3-3235-A-2393
21	Spider (cross) - Inter-axle Diff.		Included in KIT 2796 and		1	3278-N-300
22	Pinion Gear - Inter-axle Diff.		KIT 2248		4	2233-K-245
23	Thrust Washer - Inter-axle Diff. p	pinion			4	1229-Q-2929
24	Snap Ring - Inter-axle Diff.				1	2297-S-5349
25	Clutch Collar - Inter-axle Diff.		Included in KIT 2796		1	A1-3235-A-2393
26	Side Gear - Inter-axle Diff., rear				1	2234-T-1190
27	Shift fork - Inter-axle Diff.			Included in Item 25	1	A-3296-T-1086
28	Cone - Rear side gear bearing				1	JLM-714149

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#### FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCRIP		REMARKS	CARRIER	QTY	PART NUMBER
29	Cup - Rear side gear b	earing			1	JLM-714110
30	Adjusting screw - Shift				1	41-X-1208
31	Jam Nut - Adjusting scr				1	MN-312-1
32	Spring - Shift Shaft Ret	urn			4	2258-U-411
33	Shift Shaft - Inter-axle I	Diff.			1	2244-K-1025
34	Shift Assy - Inter-axle E	Diff. Air	Screw-in style	Incl. 5-X-1198 O-Ring	1	A2-3261-Q-1057
			Bolt-on style			A-3261-L-350
35	Capscrew - Air Shift As	sy	Bolt-on style		1	10-X-1334
36, 61, 62	Differential Carrier & Cap Assembly	Less pump, Less Diff. Lock	Ratios - 3.07, 3.21, 3.42, 3.57, 3.73	3200-J-1648 Original design	1	KIT 2644
			Ratios - 3.91, 4.10, 4.30, 4.56			KIT 2644A
			Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			KIT 2644B
			Internal ABS	3200-K-1857		A2-3200-K-1857
			New differential brg.	3200-M-1703		KIT 2618
			Screw-in IAD Shifter, w/thrust screw	3200-Q-1837		A2-3200-Q-1837
			Screw-in IAD Shifter	3200-X-1818		A2-3200-X-1818
		Less pump, w/Diff. Lock	Screw-in IAD & Main Diff. Shift Cylinder, w/thrust screw	3200-J-1908		A2-3200-J-1908
			Original design	3200-W-1713		KIT 2617
			Screw-in IAD & Main Diff. Shift Cylinder	3200-W-1895		A2-3200-W-1895
			Screw-in IAD Shifter	3200-Y-1819		KIT 2764
		With Pump, Less Diff. Lock	Screw-in IAD Shifter, w/thrust screw	3200-К-1909		A2-3200-K-1909
			Screw-in IAD Shifter	3200-V-1894		A2-3200-V-1894
				3200-Z-1820		KIT 2766
		With Pump, w/Diff. Lock	New differential brg.	3200-K-1701		KIT 2616
			Screw-in IAd & Main Diff. Shift Cylinder, w/thrust scresw	3200-K-1909		A2-3200-K-1909
			Ratios - 3.07, 3.21,	3200-P-1628		KIT 2640

### **ROCKWELL<sup>®</sup> WORLD AXLE** FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCRIPT	ION	REMARKS	CARRIER	QTY	PART NUMBER
36, 61, 62 (cont'd)	Differential Carrier & Cap Assembly	With Pump, w/Diff. Lock	Ratios - 3.91, 4.10, 4.30, 4.56	3200-P-1628 Original design		KIT 2640A
(cont d)			Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			KIT 2640B
			Screw-in IAD & Main Diff. Shift Cylinder	3200-V-1894	-	A2-3200-V-1894
			Screw-in IAd Shifter	3200-Z-1820	-   -	KIT 2763
36A	Thrust Screw (not show	n)			1	15-X-1167
36B	Jam Nut (not shown)				1	1227-D-472
37	Washer - Carrier to Hou	ising	Ref. only - not included with		12	1229-U-1503
38	Nut - Carrier to Housing	Stud	any carrier		2	NL-110-1
39	Capscrew - Carrier to housing	Long			3	S-21028-2
		Short			7	10-X-1594
40, 50	Drive Gear Pinion & Nu	Assembly	3.07 Ratio		Use 1 as	A-39654-1
			3.21 Ratio		req.	A-39656-1
			3.42 Ratio			A-39658-1
			3.58 Ratio		-	A-39660-1
			3.73 Ratio			A-39662-1
			3.91 Ratio			A-39876-1
			4.10 Ratio			A-39878-1
			4.30 Ratio			A-39880-1
			4.56 Ratio			A-39882-1
			4.89 Ratio			A-39664-1
			5.38 Ratio			A-39666-1
			5.63 Ratio			A-39672-1
			6.14 Ratio			A-39674-1
			6.43 Ratio			A-39891-2
			6.83 Ratio			A-41064-1
			7.17 Ratio			A-39896-1
41	Cone - Drive Pinion Inn				1	H-715343
42 43	Cup - Drive Pinion Inner Shims - Pinion Inner	r Bearing .003" /.076mm	Included in KIT 2429		1 Use	H-715311 2203-F-2788
40	bearing cup	<u>.005" /.127mm</u> .010" /.254mm			as req.	2203-F-2788 2203-G-2789 2203-H-2790
44	Spacer - Pinion Bearing	Inner			1	1244-W-1765
45	Gear - Helical driven				1	3892-U-4909

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#### FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCRIP	TION	REMARKS	CARRIER	QTY	PART NUMBER
46	Spacers - Pinion	.451" /11.45mm	Included in KIT 2397		Use	2203-V-9824
	bearing Out	.452" /11.50mm			2 as	2203-W-9825
	(variable thickness)	.453" /11.50mm			req.	2203-X-9826
		.454" /11.53mm				2203-Y-9827
		.455" /11.55mm				2203-Z-9828
		.459" /11.65mm				2203-A-9829
		.463" /11.75mm				2203-B-9830
		.467" /11.85mm				2203-C-9831
		.470" /11.95mm				2203-D-9832
		.474" /12.05mm				2203-E-9833
		.478" /12.15mm				2203-F-9834
		.482" /12.25mm				2203-G-9835
		.483" /12.28mm				2203-H-9836
		.484" /12.30mm				2203-J-9838
		.485" /12.33mm				2203-K-9839
		.486" /12.35mm				2203-L-9840
47	Cup - Drive Pinion Out				1	65500
48	Cone - Drive Pinion O	uter Bearing			1	65237
49	Washer - Drive Pinion				1	1229-G-4063
50	Nut - Drive Pinion				1	40-X-1145
51	Cover - Drive Pinion				1	3266-C-1095
52	Washer - Drive Pinion				5	1229-K-1597
53	Capscrew - Drive Pinic				5	MS-210020-1
54	Adjusting Rings - Diff.	Bearing	Both sides	1628, 1648 carriers	2	2214-S-279
				3200-K-1857 (ABS)		2214-Z-1144
		-	LH side	3200-L-1858 (ABS)	1	2214-B-1146
		-	RH side			2214-Z-1144
		-	LH side	3200-Z-1820,	1	2214-J-1128
		=	RH side	3200-V-1894		2214-G-1125
		-	Both sides	All other non-ABS	2	2214-G-1125
55	Cups - Diff. bearing		Both sides	1628, 1648 carriers	2	A1-1228-B-600
				1703, 1818, 1837 carriers		592A
		-	LH side	All others	1	52618
		-	RH side			592A

### FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
56	Cones - Diff. bearing	Both sides	1628, 1648 carriers	2	A1-1228-B-600
			1703, 1818, 1837 carriers		594A
		LH side	All others	1	52400
		RH side			594A
57	Capscrew - Main Diff. Case	Included in KIT 2426		12	41-X-1275
58	Washer - Main Diff. Case			12	1229-U-1503
9, 57, 58	Case Assembly - Main Diff.	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-J-1648 Less Diff. Lock	Use 1 as req.	A10-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56			A10-3235-F-1982
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A10-3235-H-1984
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-K-1701, 3200-W-1713, 3200-Y-1819,		A2-3235-C-2109
		Ratios - 3.91, 4.10, 4.30, 4.56	3200-Z-1820, 3200-V-1894, 3200-W-1895,		A2-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17	3200-J-1908, 3200-K-1909, With Diff. Lock		A2-3235-G-2113
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-K-1701, 3200-Z-1820, 3200-V-1894, 3200-K-1909, Less Diff. Lock		A5-3235-C-2109
		Ratios - 3.91, 4.10, 4.30, 4.56			A5-3525-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83 7.17			A5-3235-G-2113
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-M-1703, 3200-X-1818, 3200-Q-1837,		A-3235-C-2109
		Ratios - 3.91, 4.10, 4.30, 4.56	Less Diff. Lock		A-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A-3235-G-2113
		Ratios 3.07, 3.21, 3.42, 3.58, 3.73	3200-P-1628 With Diff. Lock		A12-3235-S-1813

#### FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER	
59, 57, 58 (cont'd)	Case Assembly - Main Diff.	Ratios - 3.91, 4.10, 4.30, 4.56	3200-P-1628 With Diff. Lock	Use 1 as	A-12-3235-F-1982	
cont u)		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17		req.	A12-3235-H-1984	
59, 57, 58, 64, 65, 66,	Case & Nest Assembly - Main Diff.	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73,	3200-J-1648 Less Diff. Lock	Use 1 as req.	A11-3235-S-1813	
67, 68		Ratios - 3.91, 4.10, 4.30, 4.56			A11-3235-F-1982	
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A11-3235-H-1984	
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-K-1701, 3200-W-1713, 3200-Y-1819,	_	A3-3235-C-2109	
		Ratios - 3.91, 4.10, 4.30, 4.56	3200-Z-1820, 3200-V-1894, 3200-W-1895,			A3-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17	3200-J-1908, 3200-K-1909, With Diff. Lock		A3-3235-G-2113	
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-K-1701, 3200-Z-1820, 3200-V-1894,		A6-3235-C-2109	
		Ratios - 3.91, 4.10, 4.30, 4.56	3200-K-1909, Less Diff. Lock		A6-3235-E-2111	
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17		_	A6-3235-G-2113	
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-M-1703, 3200-X-1818, 3200-Q-1837,		A1-3235-C-2109	
		Ratios - 3.91, 4.10, 4.30, 4.56	Less Diff. Lock		A1-3235-E-2111	
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A1-3235-G-2113	
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-P-1628 With Diff. Lock	-	A13-3235-S-1813	
		Ratios - 3.91, 4.10, 4.30, 4.56,			A13-3235-F-1982	
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A13-3235-H-1984	
59, 57, 58, 64, 55, 66,	Case & Nest Assembly - Main Diff.	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-K-1857, Internal ABS, Less Diff Lock	Use 1 as req.	A2-3235-R-2176	
53, 68, 57, 68, 73,174,		Ratios - 3.91, 4.10, 4.30, 4.56	Less pump		A2-3235-S-2177	

### **ROCKWELL<sup>®</sup> WORLD AXLE** FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
175 59, 57, 58, 64, 65, 66, 67, 68, 173,174,	Case & Nest Assembly - Main Diff.	Ratios - 4.89, 5.38, 5.63, 6.14, 6.83, 7.17	3200-K-1857, Internal ABS, Less Diff. Lock Less Pump	Use 1 as req.	A2-3235-T-2178
175 (cont'd)		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-L-1858, Internal ABS, Less Diff. Lock	-	A4-3235-R-2176
		Ratios - 3.91, 4.10, 4.30, 4.56	With pump		A4-3235-S-2177
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A4-3235-T-2178
59, 57, 58, 68A	Case & NoSPIN Assembly - Main Diff.	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-J-1648	Use 1 as req.	A14-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56			A14-3235-F-1982
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A14-3235-H-1984
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-K-1701, 3200-Z-1820, 3200-V-1894,		A8-3235-C-2109
		Ratios - 3.91, 4.10, 4.30, 4.56	3200-K-1909		A8-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17		A8-3235-G-2113	
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-M-1703, 3200-X-1818, 3200-Q-1837		A7-3235-C-2109
		Ratios - 3.91, 4.10, 4.30, 4.56	3200-Q-1637		A7-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A7-3235-G-2113
59, 57, 58, 173, 174,	Case Assembly - Main Diff. (ABS ready)	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-K-1857, Internal ABS, Less Diff. Lock	Use 1 as req.	A1-3235-R-2176
174, 175		Ratios - 3.91, 4.10, 4.30, 4.56	Less pump	ieq.	A1-3235-S-2177
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A1-3235-T-2178
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-L-1858, Internal ABS,	-	A5-3235-R-2176
		Ratios - 3.91, 4.10, 4.30, 4.56	Less Diff. Lock, With pump		A5-3235-S-2177

#### FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
59, 57, 58, 173, 174,175	Case Assembly - Main Diff. (ABS ready)	Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83 7.17	3200-L-1858, Internal ABS, Less Diff. Lock, with pump		A3-3235-T-2178
(cont'd) 60	Bolt - Gear to Diff. Case	Included in KIT 2426		12	41-X-1276
61	Washer - Diff. Bearing Cap			4	42-X-1024
62	Capscrew - Diff. Bearing Cap			4	41-X-1018
63	Pin - Adjusting ring lock		ABS carriers	2	19-X-1087
			All others		1246-P-1134
64	Thrust Washer - Side gear	Included in KIT 2318 w/Spider, KIT 2341		2	1229-L-3002
65	Side gear - Diff.	less Spider		2	2234-C-1069
66	Spider - Diff (cross)			1	3278-W-335
67	Gear - Diff. Pinion			4	2233-M-1001
68	Thrust Washer - Diff. Pinion			4	1229-K-3001
68A	No-SPIN Assembly			1	A-3230-C-1043
69	Washer - Gear to Diff. Case	Included in KIT 2426		12	1229-U-1503
70	Nut - Gear to Diff. Case			12	40-X-1182

#### THE FOLLOWING PARTS ARE FOR MAIN DIFFERENTIAL LOCK

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
71	Sensor/switch - Main Diff. Lock	Included in KIT 4455		1	3237-W-1167
71A 72	Clip - sensor/switch Lock nut - sensor/switch		Used on carriers with 3266-F-1020 air cyl. cover prior to 11/93	1 1	2257-M-1235 1227-P-1056
73	Spring - Main Diff. Lock		After 11/93 Prior to 11/93	1	2258-N-1262 
74	Roll pin - spring retaining		After 11/93	0	Not used
			Prior to 11/93	1	43-X-1006
75	Shift Shaft - Main diff. lock		3200-P-1628	1	2244-Y-51
			After 11/93		2244-V-1114
			All others prior to 11/93		2244-L-1026
76	Washer - Piston		3200-P-1628 	1	42-X-1027
			All others	0	Not used
77	Piston - Main Diff. Lock		After 11/93	1	2230-T-1190
			Prior to 11/93		2230-N-170
78	O-Ring - Piston		After 11/93	1	5-X-1198
			Prior to 11/93		5-X-1153

#### FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
79	Tube - Air cylinder		After 11/93	0	Not used
			Prior to 11/93	1	3196-F-32
80	Gasket - Air Cylinder Cover		Used prior to 11/93	1	2208-H-944
81	Capscrew - manual engaging		After 11/93	1	41-X-1368
			Prior to 11/93		41-X-1333
81A	O-Ring			1	5-X-521
82	Cover - Air Cylinder	Screw-in style	After 11/93	1	3261-A-1067
		Bolt-on style	Used prior to 11/93		3266-F-1020
83	Plug - Air Cylinder Cover		Used prior to 11/93	1	MS-210016-1
84	Gasket - Plug		Used prior to 11/93	1	2208-L-1000
85	Capscrew - Air Cylinder Cover		3200-P-1628	4	41-X-1364
			After 11/93	0	Not used
			All others	4	MS-206050-1
86	Washer - Air Cylinder Cover		Used prior to 11/93	4	MWA-506
87	Clutch Collar - Main Diff. Lock		3200-P-1628	1	3107-F-1020
			All others		3107-B-1094
88	Shift Fork - Main Diff. Lock	Three pc. design (1)	3200-Z-1560	1	3296-B-184
		One pc. design	After 11/93		3296-B-1172
			Prior to 11/93		3296-Y-1169 (1)
89	Pin - Shift Fork	One pc. design		0	Not used
		Three pc. design		2	43-X-1007

#### THE FOLLOWING PARTS ARE FOR OIL PUMP

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
90	Shield - Filter			1	3280-Z-8398
91	Plug - Oil Pressure Relief Valve	Eliminated on carriers		1	1250-N-1080
92	Washer - Plug	Built after 5/97		1	1229-F-4062
93	Spring - Oil Pressure Relief Valve			1	2258-Z-1118
94	Pressure Relief Valve - Oil			1	2297-U-5273
95	Dowel - Input cage to oil pump	No longer used		2	1246-M-1131
96	O-Ring - Oil Pump			1	5-X-1034
97	Oil Pump Assembly		All others	1	A-3303-P-1030
			For old style A1-3297-H-1022 Input Shaft		KIT 2624
98	Washer - Oil Pump		•	6	1229-E-1669
99	Capscrew - Oil Pump			6	MS-208045-1
100	Oil Filter			1	3280-V-8394
101	Adaptor - Oil Filter			1	2297-Z-5278
102	Screen & Plug Assembly - Oil filter			1	A-2297-D-5334

#### (1) - Prior to 11/92 all carriers (except 3200-Z-1560) used the three pc. design fork (3296-R-1084) which was replaced by 3296-Y-1169 in 11/92.

ITEM	DESC	RIPTION	REMARKS	CARRIER	QTY	PART NUMBER
115	Nut - Drive Piston		Included in KIT 2638		1	40-X-1233
115A	Washer - Pinion Nu	t			1	1229-W-4521
116, 117	Input Yoke Assembl				1	CALL YOUR SALES REI
117	Deflector - Input Yol	ke			1	DEFR56-7
118	Oil Seal Assembly -				1	4544V
119	Cone - Drive Pinion	Outer Bearing			1	HM-813843
120	Cup - Drive Pinion				1	HM-813810
121	Capscrew - Pinion I	Bearing Cage			8	MS-212045-1
122	Washer - Pinion Be				8	MWA-512
123	Pinion Bearing Cag				1	A-3226-R-1006
124	Shims - Pinion	<u>.002" /.050mm</u>	Included in KIT 1592		Use	<u>2803-Y-2755</u>
		<u>.005" /.125mm</u>			as	<u>2203-Z-2756</u>
		<u>.008" /.200mm</u>			req.	<u>2803-A-2757</u>
		.020" /.500mm				2803-B-2758
125	Spacers - Pinion	<u>.250" /6.35mm</u>	Included in KIT 1593		Use	2803-D-2500
	bearing	<u>.251" /6.38mm</u>			2 as	2803-E-2501
		<u>.252" /6.40mm</u>			req.	2803-F-2502
		<u>.253" /6.43mm</u>				<u>2803-N-2510</u>
		<u>.254" /6.45mm</u>				<u>2803-G-2503</u>
		<u>.256" /6.50mm</u>				<u>2803-H-2504</u>
		<u>.260" /6.60mm</u>				<u>2803-J-2506</u>
		<u>.261" /6.63mm</u>				<u>2803-K-2507</u>
		<u>.262" /6.65mm</u>				2803-L-2508
100	<u> </u>	.263" /6.68mm				2803-M-2509
126	Cup - Drive Pinion I				1	9220
127	Cone - Drive Pinion Drive Gear, Pinion &		2.80 Ratio		1	9278 A-41572-1
128, 115	Drive Gear, Pinion a	a nut Assy			Use 1 as	
			2.93 Ratio		req.	A-41574-1
						A-41712-1 ( <b>2)</b>
			3.07 Ratio			A-39898-5 ( <b>3)</b>
						A-41634-1 <b>(2)</b>
			3.21 Ratio			A-39900-5 ( <b>3</b> )
						A-41636-1 (2)
			3.42 Ratio			A-39902-5 (3)
						A-41638-1 ( <b>2</b> )
			3.58 Ratio			A-39904-5 <b>(3)</b>
						A-41640-1 <b>(2)</b>
			3.73 Ratio			A-39906-5 ( <b>3</b> )
						A-41642-1 (2)

(2) (3) (4) Coach quality gearing.

For 3200-C-1511, 3200-Z-1560, 3200-T-1658 & 3200-V-1660 use -6 gear sets, except for 6.83 ratio use -2 gear set. Use KIT 2468 + Ratio to upgrade the 3200-Z-1560 carriers. Use KIT 2655 + Ratio to upgrade the 3200-C-1511 carriers.

#### FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCR	IPTION	REMARKS	CARRIER	QTY	PART NUMBER
128, 115			3.91 Ratio			A-39884-5- <b>(4)</b>
cont'd)			4.10 Ratio			A-39886-5 (4)
						A-41644-1 ( <b>2)</b>
			4.30 Ratio			A-39888-5 (4)
						A-41646-1 (2)
			4.56 Ratio			A-39890-5 (4)
						A-41612-1 ( <b>2)</b>
			4.89 Ratio			A-40024-5 ( <b>3</b> )
						A-41614-1 ( <b>2)</b>
			5.38 Ratio			A-40104-5 ( <b>3</b> )
						A-41862-1 ( <b>2)</b>
			5.63 Ratio			A-40106-5 ( <b>3</b> )
			6.14 Ratio			A-40110-5 (3)
			6.43 Ratio			A-40116-5 (3)
			6.83 Ratio			A-41066-1 ( <b>3</b> )
			7.17 Ratio			A-40122-5 (3)
129	Spigot Bearing - Drive	e Pinion	One pc. bearing	Use for carriers that have been upgraded to snap ring gear sets only	1	1228-Y-1221
			Two pc. bearing	Use w/original non-snap ring design gear sets		A1-1228-P-1004
			One pc. bearing	Use with new snap ring design		RU9008UM
129A	Snap Ring - Spigot B	earing	Use with 1228-B-1042 and 1228-Y-1221		1	46-X-1029
130, 131,	Differential carrier & cap assy	Less differential lock	With thrust screw	3200-A-1821	1	A2-3200-A-1821
& 13 <sup>2</sup>	sup abby	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73 Ratios - 3.91, 4.10, 4.30, 4.56 Ratios - 4.89, 5.38, 5.63, 6.14, 6.43,		3200-C-15111 Alum.		KIT 2657
					KIT 2657A	
						KIT 2657B

(2) (3) (4)

Coach quality gearing. For 3200-C-1511, 3200-Z-1560, 3200-T-1658 & 3200-V-1660 use -6 gear sets, except for 6.83 ratio use -2 gear set.

Use KIT 2468 + Ratio to upgrade the 3200-Z-1560 carriers. Use KIT 2655 + Ratio to upgrade the 3200-C-1511 carriers.

### **ROCKWELL<sup>®</sup> WORLD AXLE** FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCR		REMARKS	CARRIER	QTY	PART NUMBER
I30,   131	Differential carrier & cap assy	Less differential Lock	Aluminum	3200-E-1825	Use 1 as	KIT 2767
132				3200-E-1929	req.	A2-3200-E-1929
			Aluminum, ABS	3200-H-1854	-	A2-3200-H-1854
			Internal ABS	3200-J-1856	-	A2-3200-J-1856
			New bearings	3200-P-1706	-	A2-3200-P-1706
			Aluminum	3200-V-1712	-	KIT 2634
				3200-Y-1897		A2-3200-Y-1897
			Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-Z-1560 Orig. design, 3200-T-1658	-	KIT 2642
			Ratios 3.91, 4.10 4.30, 4.56	Wide leg design		KIT 2642A
			Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			KIT 2642B
		With differential	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-C-1511 Alum.	-	KIT 2658
			Ratios - 3.91, 4.10, 4.30, 4.56			KIT 2658A
			Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			KIT 2658B
			Revised diff. lock	3200-C-1823	-	KIT 2762
			Malleable w/screw-in main diff. shifter	3200-D-1928	-	A2-3200-D-1928
			Aluminum	3200-E-1825	-	KIT 2765
			Aluminum w/screw-in main diff. shifter	3200-E-1929	-	A2-3200-E-1929
			New bearings	3200-R-1708	-	KIT 2659
			Malleable w/screw-in main diff. shifter	3200-T-1892	-	A2-3200-T-1892
			Aluminum	3200-V-1712		KIT 2634
			Aluminum w/screw-in main diff. shifter	3200-Y-1897	-	A2-3200-Y-1897
			Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-Z-1560 Orig. design 3200-V-1660 Wide leg design		KIT 2643

### **ROCKWELL® WORLD AXLE** FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
130, 131 & 132		Ratios 3.91, 4.10, 4.30, 4.56	3200-Z-1560 Orig. design 3200-V-1660	1	KIT 2643A
cont'd)		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17	Wide leg design		KIT 2643B
130A	Thrust Screw (not shown)			1	15-X-1167
130B	Jam Nut (not shown)			1	1227-D-472
131	Washer - Diff. Bearing Cap			4	42-X-1024
<u>132</u> 133	Capscrew - Diff. Bearing Cap Adjusting Ring - Diff. Bearing	LH & RH	1511, 1560, 1658, 1660	4 2	41-X-1018 2214-S-279
		LH	1708, 1712, 1823, 1825, 1892, 1897,	1	2214-G-1125
		RH	1928		 2214-J-1128
		LH	3200-H-1854(ABS)	-	2214-B-1146
		RH	-		2214-Z-1144
		LH & RH	3200-J-1856(ABS)	2	2214-Z-1144
			3200-P-1706		2214-G-1125
134	Pin - Adjusting Ring		ABS carriers	2	19-X-1087
			All others		1246-P-1134
			Diff. lock carriers	1	1246-P-1134
135	Cup - Differential Bearing	LH & RH	1511, 1560, 1658 1660	2	32021X
		LH	1708, 1712, 1823, 1825, 1892, 1897,	1	592A
		RH	1928, 1929,		52618
		LH & RH	3200-P-1706	2	592A
135A	Adhesive - Diff. Bearing Cup			1	2297-T-4180
136	Cone - Differential Bearing	LH & RH	1511, 1560, 1658, 1660	2	32021X
		LH	1708, 1712, 1823, 1825, 1892, 1897,	1	594A
		RH	1928, 1929		52400
		LH & RH	3200-P-1706	2	594A
137	Nut - Diff. case to gear	Included in KIT 2426		12	40-X-1182
138	Washer - Diff. case to gear			12	1229-U-1503
139	Bolt - Diff. case to gear			12	41-X-1276
140 thru 147	Case & Nest Assy - Main Diff.	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-C-1511 Aluminum Less Diff. Lock	Use 1 as req.	A11-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56			A11-3235-F-1982 (6) A11-3235-S-1813 (5)

(5) (6) For use with carriers built prior to 9/1/88.

For use with carriers produced after 9/1/88 or have been retro-fitted with KIT 2468 or KIT 2655 only.

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
140 thru 147 cont'd)	Case & Nest Assy - Main Diff.	Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83 7.17		Use 1 as req.	A11-3235-H-1984
cont u)		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-C-1511 Aluminum With Diff, Lock	-	A13-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56			A13-3235-F-1982 (6)
				A13-3235-S-1813 (5	
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A13-3235-H-1984
		Ratios - 2.80, 2.93	3200-P-1706, 3200-A-1821,	-	A1-3235-R-2202
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	Less Diff. Lock		A1-3235-C-2109
		Ratios - 3.91, 4.10, 4.30, 4.56			A1-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A1-3235-G-2113
		Ratios - 2.80, 2.93 3200-R-1708, 3200-V-1712 Alum. 3200-C-1823, 3200-E-1825 Alum. 3200-T-1892, 3200-Y-1897 Alum. 3200-P-1928, 3200-E-1929 Alum. With Diff Look	3200-V-1712 Alum. 3200-C-1823, 3200-E-1825 Alum. 3200-T-1892, 3200-Y-1897 Alum. 3200-D-1928,	Use 1 as req.	A3-3235-R-2202
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-R-1708, 3200-V-1712 Alum. 3200-C-1823,	_	A3-3235-C-2109
		Ratios - 3.91, 4.10, 4.30, 4.56	3200-E-1825 Alum. 3200-T-1892, 3200-Y-1897 Alum.		A3-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17	3200-D-1928, 3200-E-1929 Alum. With Diff. Lock		A3-3235-G-2113
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-T-1658 Less Diff. Lock	-	A11-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56			A11-3235-F-1982
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A11-3235-H-1984

For use with carriers built prior to 9/1/88.

(5) (6) For use with carriers produced after 9/1/88 or have been retro-fitted with KIT 2468 or KIT 2655 only.

ITEN	M DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
140 thru 147	Case & Nest Assy - Main Diff.	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-V-1660 With Diff. Lock	Use 1 as req.	A13-3235-S-1813
147		Ratios - 3.91, 4.10, 4.30, 4.56		leq.	A13-3235-F-1982
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A13-3235-H-1984
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-V-1712, 3200-E-1825, 3200-Y-1897,	_	A6-3235-C-2109
		Ratios - 3.91, 4.10, 4.30, 4.56	3200-E-1929, Aluminum, Less Diff. Lock		A6-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A6-3235-G-2113
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-Z-1560 With or without Diff. Lock	_	A3-3235-S-1813
		Ratios - 3.91, 4.10,			A3-3235-F-1982 (6)
		4.30, 4.56			A3-3235-S-1813 (5)
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A3-3235-H-1984
140 thru 147,	Case & Nest Assy - Main Diff.	Ratios 3.07, 3.21, 3.42, 3.58, 3.73	3200-H-1854, Use Internal ABS, 1 as Less diff. lock, req.	A4-3235-R-2176	
173, 174, 175		Ratios - 3.91, 4.10, 4.30, 4.56	Aluminum	104.	A4-3235-S-2177
175		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A4-3235-T-2178
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-J-1856, Internal ABS, Less Diff. Lock,	Use 1 as req.	A2-3235-R-2176
		Ratios - 3.91, 4.10, 4.30, 4.56	Malleable Iron	104.	A2-3235-S-2177
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A2-3235-T-2178
140, 42A, 146,	Case & NoSPIN Assy - Main Diff.	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-C-1511 Aluminum Less Diff. Lock	Use 1 as req.	A14-3235-S-1813
146, 147		Ratios - 3.91, 4.10, 4.30, 4.56			<u>A14-3235-F-1982</u> (6) A14-3235-S-1813 (5)

(5) For use with carriers built prior to 9/1/88.
(6) For use with carriers produced after 9/1/8

5) For use with carriers produced after 9/1/88 or have been retro-fitted with KIT 2468 or KIT 2655 only.

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
140, 142A, 146, 147	Case & NoSPIN Assy - Main Diff.	Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17	3200-C-1511 Aluminum	Use 1 as req.	A14-3235-H-1984
147		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-P-1706 Less Diff. Lock		A7-3235-C-2109
		Ratios - 3.91, 4.10, 4.30, 4.56			A7-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A7-3235-G-2113
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-T-1658 Less Diff. Lock	_	A14-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56			A14-3235-F-1982
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A14-3235-H-1984
		Ratios - 3.07, 3.21, 3200-V-1712, 3.42, 3.58, 3.73 3200-E-1825, 3200-Y-1897,		A8-3235-C-2109	
		Ratios - 3.91, 4.10, 4.30, 4.56	Aluminum Less Diff. Lock		A8-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A8-3235-G-2113
40, 146 & 147	Case Assy - Main Diff.	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-C-1511 Aluminum Less Diff. Lock	Use 1 as req.	A10-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56			A10-3235-F-1982 (6) A10-3235-S-1813(5
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A10-3235-H-1984
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-C-1511 Aluminum With Diff. Lock		A12-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56	With Dill. Look		A12-3235-F-1982 (6) A12-3235-S-1813 (5)
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A12-3235-H-1984
		Ratios - 2.80, 2.93	3200-P-1706, 3200-A-1821,	_	A-3235-R-2202
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	Less Diff. Lock		A-3235-C-2109

(5) For use with carriers built prior to 9/1/88.

(6)

For use with carriers produced after 9/1/88 or have been retro-fitted with KIT 2468 or KIT 2655 only.

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
), 146 Case 147 ont'd)	e Assy - Main Diff.	Ratios - 3.91, 4.10 4.30, 4.56	3200-P-1706, 3200-A-1821, Less Diff. Lock	Use 1 as req.	A-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A-3235-G-2113
		Ratios - 2.80, 2.93	3200-R-1708, 3200-V-1712 Alum.,		A2-3235-R-2202
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-C-1823, 3200-E-1825 Alum., 3200-T-1892,		A2-3235-C-2109
		Ratios - 3.91, 4.10, 4.30, 4.56	3200-Y-1897 Alum., 3200-D-1928, 3200-E-1929 Alum.,		A2-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17	With Diff. Lock		A2-3235-G-2113
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-T-1658 Less Diff. Lock		A10-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56			A10-3235-F-1982
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A10-3235-H-1984
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-V-1660 With Diff. Lock	-	A12-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56			A12-3235-F-1982
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A12-3235-H-1984
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-V-1712, 3200-E-1825, 3200-Y-1897,		A5-3235-C-2109
		Ratios - 3.91, 4.10, 4.30, 4.56	3200-E-1929, Aluminum Less Diff. Lock		A5-3235-E-2111
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A5-3235-G-2113
		Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-Z-1560 Less Diff. Lock		A-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56			<u>A-3235-F-1982</u> (6) A-3235-S-1813 (5)
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A-3235-H-1984

(5) For use with carriers built prior to 9/1/88.
(6) For use with carriers produced after 9/1/8

For use with carriers produced after 9/1/88 or have been retro-fitted with KIT 2468 or KIT 2655 only.

#### FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
40, 146 & 146	Case Assy - Main Diff.	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-Z-1560 With Diff. Lock	Use 1 as req.	A2-3235-S-1813
		Ratios - 3.91, 4.10, 4.30, 4.56		leq.	A2-3235-F-1982 (6) A2-3235-S-1813 (5)
		Ratios 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A2-3235-H-1984
40, 146 47, 173 74, 175	Case Assy - Main Diff. (ABS ready)	Ratios - 3.07, 3.21, 3.42, 3.58, 3.73	3200-H-1854, Internal ABS, Less Diff, Lock	Use 1 as req.	A5-3235-R-2176
, , , , , , , , , , , , , , , , , , , ,		Ratios - 3.91, 4.10, 4.30, 4.56	Aluminum	104.	A5-3235-S-2177
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A3-3235-T-2178
		Ratios - 3.07, 3.21, 3200-J-1856, 3.42, 3.58, 3.73 Internal ABS, Less Diff. Lock,	_	A1-3235-R-2176	
		Ratios - 3.91, 4.10, 4.30, 4.56	Malleable Iron		A1-3235-S-2177
		Ratios - 4.89, 5.38, 5.63, 6.14, 6.43, 6.83, 7.17			A1-3235-T-2178
141	Thrust Washer - Side Gear	Included in KIT 2318		2	1229-L-3002
142	Side Gear - Differential		46 Spline	2	2234-C-1069
			50 Spline		2234-D-1070
142A	No-SPIN Assembly			1	A-3230-C-1043
143	Thrust Washer - Diff. Pinion	Included in KIT 2318		4	1229-K-3001
144	Gear - Diff. Pinion			4	2233-M-1001
145	Spider Diff.			1	3278-W-335
146	Washer - Diff. Case			12	1229-U-1503
147	Capscrew - Diff. Case			12	41-X-1275
147A	Thread Locking Liquid			1	2297-C-7049

#### THE FOLLOWING PARTS ARE FOR MAIN DIFFERENTIAL LOCK

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
148	Sensor/switch - Main Diff. Lock	Included in KIT 4455		1	3237-W-1167
148A	Clip - Sensor/switch			1	2257-M-1235
149	Lock nut - Sensor/switch	Prior to 11/93	Used on carriers w/3266-F-1020 Air Cyl. Cover	1	1227-P-1056

(5) For use with carriers built prior to 9/1/88.
(6) For use with carriers produced after 9/1/88

6) For use with carriers produced after 9/1/88 or have been retro-fitted with KIT 2468 or KIT 2655 only.

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FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

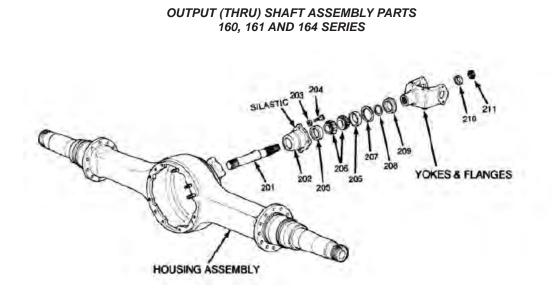
ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
150	Shift fork - Main Diff. Lock	Three pc. design (1)	3200-Z-1560	1	3296-B-184
		One pc. design	After 11/93	1	3296-B-1172
			Prior to 11/93		3296-Y-1169 (1)
151	Spring - Main Diff. Lock		After 11/93	1	2258-N-1262
			Prior to 11/93		2258-L-714
152	Shift Shaft - Main Diff. Lock		1511, 1560, 1660	1	2244-Y-51
			1708, 1712, 1823		2244-L-1026
			1892, 1897, 1928, 1929		2244-V-1114
152A	Washer - Piston (not shown)		Used prior to 11/93	1	42-X-1027
153	Shift Cylinder Housing	Screw-in Style	After 11/93	1	3261-A-1067
	Tube - Air Cylinder		Prior to 11/93		3196-F-32
154	Piston - Main Diff. Lock		After 11/93	1	2230-T-1190
			Prior to 11/93		2230-N-170
155	Gasket - Air Cylinder Cover		Used prior to 11/93	1	2208-H-944
156	Capscrew - Manual engaging		After 11/93	1	41-X-1368
			Prior to 11/93		41-X-1333
156A	O-Ring			1	5-X-521
157	Cover - Air Cylinder		After 11/93	1	No Longer Used
		Bolt-on Style	Prior to 11/93		3266-F-1020
158	Washer - Adj. Ring Lock Capscrew			2	MWA-508
159	Capscrew - Adj. Ring Lock			2	MS-208020-1
160	Lock - Adj. Ring			1	1220-K-89
161	Pin - Shift Fork	One pc. design		0	Not Used
		Three pc. design		2	43-X-1007
162	Clutch Collar - Main Diff. Lock		1511, 1660, 1628	1	3107-F-1020
		46 Spline	1708, 1712, 1823, 1825, 1892, 1894, 1897, 1928, 1929		3107-B-1094
		50 Spline	1708, 1823		3107-C-1095
			3200-Z-1560		3107-P-1030
163	Roll Pin - Spring retaining		After 11/93	0	Not used
			Prior to 11/93	1	43-X-1006
164	O-Ring - Piston		After 11/93	1	5-X-1198
			Prior to 11/93		5-X-1153
165	Washer - Air Cylinder Cover		Used prior to 11/93	4	MWA-506
166	Capscrew - Air Cylinder Cover		1511, 1560, 1660	4	41-X-1364
			1708, 1712, 1823, 1825		MS-206050-1
			After 11/93	0	No Longer Used
167	Gasket - Plug		Used prior to 11/93	1	2208-L-1000
	Plug - Air Cylinder Cover		Used prior to 11/93	1	MS-210016-1

## (1) Prior to 11/92 all carriers (except 3200-Z-1560) used the three pc. design fork (3296-R-1084) which was replaced by 3296-Y-1169 in 11/92.

FORWARD CARRIERS OF TANDEM AXLES - 160, 161 AND 164 SERIES (Cont'd)

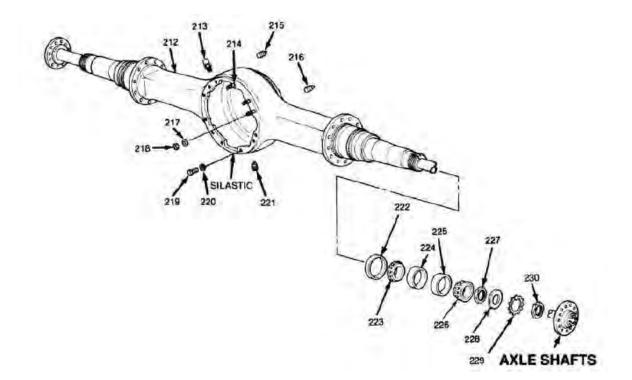
ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
169	Wave Washer - Adjusting Ring			2	2258-G-1255
170	Snap Ring - Adjusting Ring			2	1229-F-4452
171	Snap Ring - Sensor			2	1229-U-4519
172	Sensor - ABS	LH Side	3200-H-1854	1	SA2-3280-X-9150
		RH Side		1	SA1-3280-X-9150
		Both Sides	3200-J-1856	2	SA1-3280-X-9150
172A	Plug - Sensor attaching (not shown)	Aluminum only	3200-H-1854 (LH side)	1	1250-T-1216
173	Drive tube		. ,	2	3216-G-4375
174	Washer - Drive tube			2	42-X-1408
175	Snap Ring - Drive tube			2	1229-D-4528





ІТЕМ	DESCRIPTION		REMARKS	QTY	PART NUMBER
200	Output (thru) shaft, bearing cag	e and seal assy -		1	A2-3226-T-1112
	(Items 201, 205 thru 211)				
201	Shaft - output (thru)			1	3297-V-1010
202	Bearing cage & inner cup assy	- output		1	A-3226-T-1112
203	Washer - output bearing cage of	capscrew		4	1229-K-1597
204	Capscrew - output bearing cage	Capscrew - output bearing cage		4	15-X-387
205	Cups - inter & outer output bea	ring		2	JLM-104910
206	Cones - inter & outer output be	aring		2	JLM-104949
207	Snap Ring (spacer) - output	.155 inch		Use	<u>1229-P-2590</u>
	bearing	.158 inch		1 as	<u>1229-Q-2591</u>
		.161 inch		req.	<u>1229-R-2592</u>
		.164 inch			<u>1229-S-2593</u>
		.167 inch	Included in KIT 576		<u>1229-T-2594</u>
		.170 inch			<u>1229-U-2595</u>
		.173 inch			<u>1229-V-2596</u>
		.176 inch			<u>1229-W-2597</u>
		.179 inch			<u>1229-X-2598</u>
		.182 inch			1229-Y-2599
208	Snap Ring Spacer - Output bea	aring/yoke		1	1229-W-4131
209	Oil seal - Output bearing cage			1	4810V OR 30007CR
210	Washer - Yoke nut (output)		Included in KIT 2637	1	1229-T-1736
211	Nut - Output yoke			1	40-X-1237

HOUSING ASSEMBLY PARTS 160, 161 AND 164 SERIES



ITEM	DESCRIPTION	REMARKS	COMMENTS	QTY	PART NUMBER
212	Axle Housing Assembly			1	As specified
213	Breather Assembly - housing			1	A-1199-P-1394
214	Stud - Carrier to Forward-rear only housing	Long		1	SN-1024-1
		Short	For 15 mtg. hole version	2	SN-1020-1
			For 12 mtg. hole version	1	SN-1020-1
215	Plug - Heat indicator		Use as required	1	P-28S
216	Plug - Filler hole			1	P-212
217	Washer - Carrier to housing nut	Forward-rear only	For 15 mtg. hole version	3	1229-U-1503
			For 12 mtg. hole version	2	1229-U-1503
218	Nut - Carrier to housing stud	Forward-rear only	For 15 mtg. hole version		N-110-1
			For 12 mtg. hole version	2	N-110-1

## HOUSING ASSEMBLY PARTS (Cont'd)

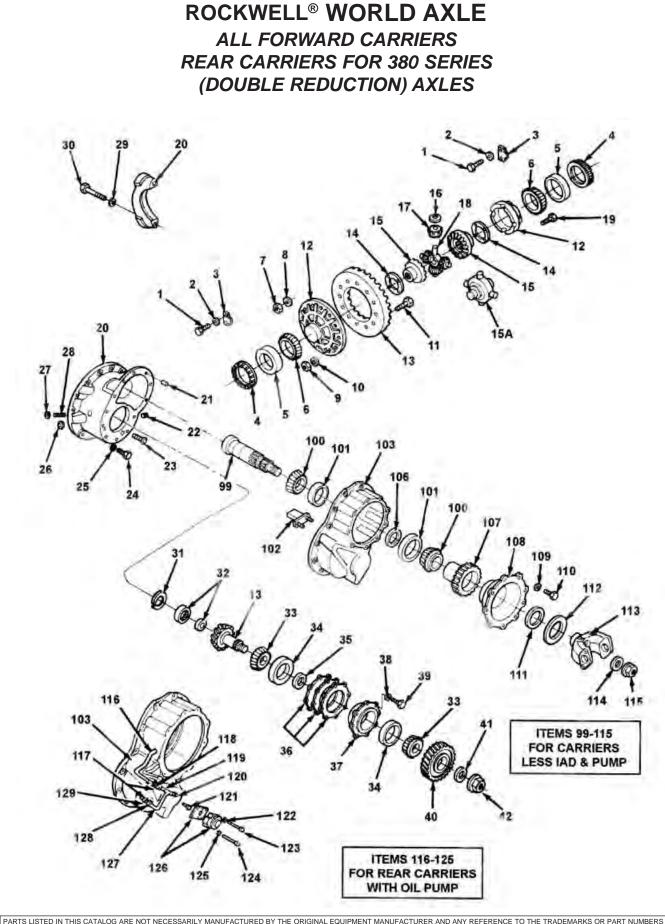
ITEM	DESC	RIPTION	REMARKS	COMMENTS	QTY	PART NUMBER
219	Capscrew - carrier	Forward-rear axles,	Long		3	10-X-1599
	to housing	Rp & RD 23-160,				
		26-160	Short	For 15 mtg. hole version	9	10-X-1594
				For 12 mtg. hole version	7	10-X-1594
			Long		4	10-X-1600
		Rear-rear & single axles, RS & RR	Long		4	10-X-1600
		23-160, 26-160	Short		8	10-X-1594
220	Washer - Carrier to hou		Forward-rear only	For 15 mtg. hole version	12	1229-U-1503
				For 12 mtg. hole version	10	1229-U-1503
			Rear-rear & singles		12	1229-U-1503
221	Plug - drain (magnetic)				1	1250-E-473
222	Oil Seal Assembly		Utilized		2	A-1205-Q-2487
			Use with wiper below		2	370003A
222A	Wiper - Housing spindle	e inner (optional)	(Not shown)		2	1199-B-1666
223	Cone - Bearing inner wh	heel			2	594A
224	Cup - Bearing inner whe				2	592A
225	Cup - Bearing outer whe				2	572
226	Cone - Bearing outer w				2	580
227	Nut - Bearing adjusting	inner			2	1227-W-517
000			Includes them 000		0	1000 E 40040
228	Washer - Adjusting nut		Includes Item 229		2	1229-F-4634S
			Off-highway		2	1229-U-1009
229	Tanged washer		Not sold separately	Included in 1229-F-4634S	2	1229-G-4635
230	Nut - Outer jam				2	1227-R-330

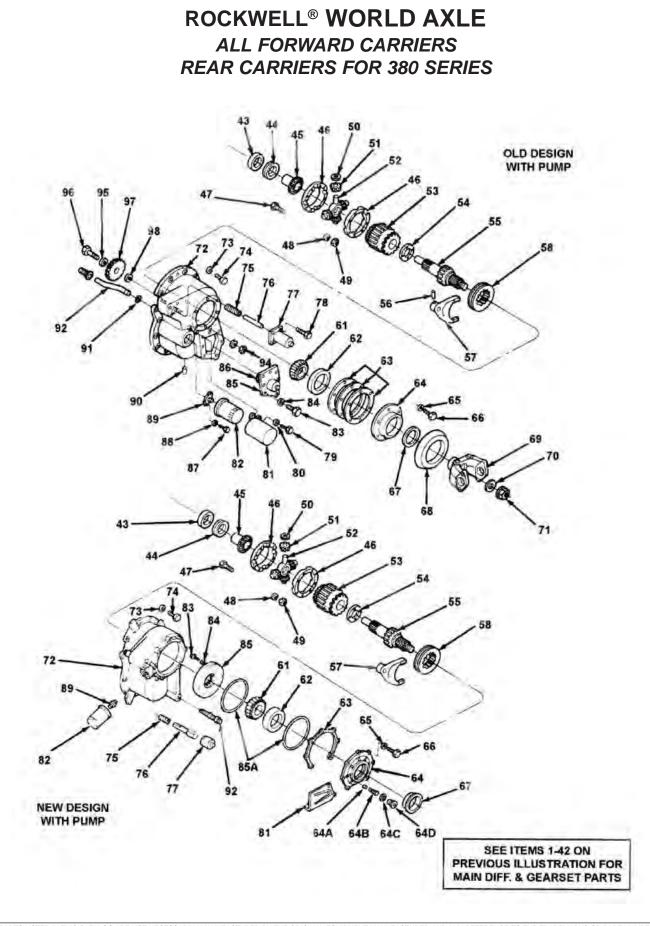




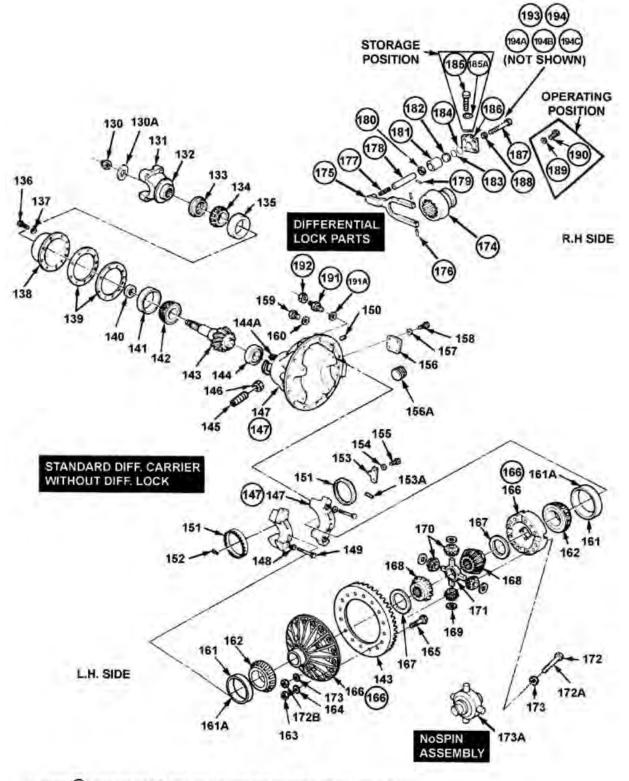








## ROCKWELL® WORLD AXLE REAR CARRIERS FOR 180/185/186 SERIES SINGLE AND TANDEM AXLES



Circled O numbers are diff. lock parts or parts that change when diff. lock is added.

**AXLE MODELS - CARRIERS - FEATURES** 

180/185/186 SERIES SINGLE REDUCTION AXLES

380 SERIES DOUBLE REDUCTION AXLES

ITEM	DESCRI	PTION	REMARKS	CARRIER	QTY	PART NUMBER
N			O ONLY IN FWD. C R OF 280 SERIES (I		-	
99, 115	Input shaft & nut asse	embly	Forward/Rear	RN-xx-380 carriers	1	A-3297-M-117
			Rear-Rear	RR-xx-380 carriers		A-3297-S-97
100	Cones - Input shaft	Inner	_	All	1	29685
	bearing	Outer				496
101	Cups - Input shaft	Inner		All	1	29620
		Outer				493
102	Oil Scoop - Helical ge			All	1	3221-H-8
103, 101, 102	Cover assembly - He			All except rear-rear with pump	1	A1-3266-B-834
103, 101, 102, 116, 117, 118, 119, 120, 127, 128, 129	Cover assembly - He	lical gear		RR-xx-380 carrier (rear-rear) with oil pump	1	A-3266-L-792
104	Washer - gear cover	to carrier		All	14	1229-C-1511
105	Capscrew - gear cov	er to carrier		All	14	S-2812-2
106	Spacers - Input	.326" / 8.28mm	Incl. in KIT 1554	All	Use 2	2203-U-7899
	shaft bearing	.327" / 8.31mm			as req.	2203-V-7900
		.328" / 8.33mm				2203-X-7902
		.329" / 8.36mm				2203-W-7901
		.330" / 8.38mm				2203-Y-7903
		.331" / 8.41mm				2203-Z-7904
		.332" / 8.43mm	_			2203-A-7905
		.338" / 8.59mm	_			2203-B-7906
		.345" / 8.76mm	_			2203-C-7907
		.352" / 8.94mm	-			2203-D-7908
		.359" / 9.12mm				2203-E-7909
107	Gear - Helical drive			All	1	3892-F-4712
108	Cover - Input		Forward-Rear	RN-xx-380 carriers	1	3266-Y-831
			Rear-Rear	RN-xx-380 carriers		3266-T-982
109	Washer - Input cover			All	9	1229-K-1597
110	Capscrew - Input cov			All	9	S-2610-2
111	Oil seal - Input cover		Forward-Rear	RN-xx-380 carriers	1	4345V
410	Deflect 1		Rear-Rear	RN-xx-380 carriers	<u> </u>	4810V OR 30007CR
112	Deflector - Input yoke	9	Available separately or as an assembly.	All	1	CALL YOUR SALES REI

FORWARD CARRIERS OF ALL TANDEM AXLES

**REAR CARRIERS OF 380 SERIES** 

#### (DOUBLE-REDUCTION) AXLES

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
113	Yoke & deflector assembly - input		All	1	
114	Washer - Input yoke & shaft	Forward-Rear	RN-xx-380 carriers	1	1229-N-1730
		Rear-Rear	RN-xx-380 carriers		1229-T-1736
115	Nut - Input yoke & shaft	Forward-Rear	RN-xx-380 carriers	1	1227-D-940
		Rear-Rear	RN-xx-380 carriers		1227-J-946

#### NOTE: ITEMS 116-129 ARE OIL PUMP COMPONENTS THAT ARE ONLY USED IN REAR CARRIERS

116	Tube - finished steel 11.88" long	3/8" OD x .032" wall	1   3196-U-21
117	Hose clamp		4 2257-S-1033
118	Hose 3/8" x 2"		1 2296-F-1098
119	Tube - finished steel .94" radius	3/8" OD x .032" wall	1 2296-B-106
120	O-Ring		1 5-X-585
121	Button - pump drive		1 2297-C-3799
122	Washer - oil pump bolt	11/32" ID x 5/8" OD	3 1229-E-1669
123	Bolt - oil pump	5/16" dia. x 2.24" long	3 S-2518-2
124	Bolt - oil pump	3/8" dia. x 2.25" long	1 S-2616-2
125	Washer - oil pump bolt	13/32" ID x 13/16" OD	1 1229-B-1666
126	Oil pump assembly		1 A-3303-M-13
127	Tube - finished steel .125" radius	7/16" OD x .032" wall	1 3196-T-20
128	Hose - 7/16" x 2"		1 2296-G-1099
129	Tube - finished steel 2" long	7/16" OD x .032" wall	1 2296-A-105

FORWARD CARRIERS OF ALL TANDEM AXLES

**REAR CARRIERS OF 380 SERIES** 

(DOUBLE-REDUCTION) AXLES (Cont'd)

ITEM	DESCR	IPTION	REMARKS	CARRIER	QTY	PART NUMBER
130	Nut - drive pinion			1381 & 1399	1	KIT 2638
				All others	-	40-X-1233
130A	Washer - pinion nut			All	1	1229-N-1730
131	Input yoke assembly	& deflector		All	1	CALL YOUR SALES REP
132	Deflector - input yoke	9		All	1	3264-P-172
133	Oil seal - pinion bear		Incl. in KIT 4435	All	1	4544V
134	Cone - drive pinion c	outer bearing		All	1	H-715334
135	Cup - drive pinion ou	iter bearing		All	1	H-715311
136	Capscrew - pinion be	earing cage		1381	8	41-X-1043
				All others	-	MS-212045-1
137	Washer - pinion bear	ing cage		1899	8	1229-D-4632
				All others	-	MWA-512
38, 135,	Pinion bearing cage	assembly		1752 & 1753	1	A-3226-V-1010
141	5 5	,			-	
				All except 1752 & 1753		A-3226-B-860
139	Shims - pinion	.003" / .075mm	Incl. in KIT 1592	All	Use 1 as	2803-Y-2755
	bearing cage	.005" / .125mm			req.	2803-Z-2756
		.008" / .200mm	_		-	2803-A-2757
		.020" / .500mm	_		-	2803-B-2758
140	Spacers - pinion	.250" / 6.35mm	Incl. in KIT 1593	All	Use 2 as	2803-D-2500
	bearing	.251" / 6.38mm			req.	2803-E-2501
		.252" / 6.40mm	_		-	2803-F-2502
		.254" / 6.45mm	_			2803-N-2510
		.256" / 6.50mm	_			2803-H-2504
		.260" / 6.60mm	_			2803-J-2506
		.261" / 6.63mm	_			2803-K-2507
		.262" / 6.65mm	_			2803-L-2508
		.263" / 6.68mm	_			2803-M-2509
		.264" / 6.70mm	-			 2803-P-2512
141	Cup - drive pinion in		Incl. in KIT 4435	All	1	9220
142	Cone - drive pinion in	ner bearing	+	All	1	9278
43, 130	Drive gear, pinion &	2.93 ratio	Use KIT 2608 bolt kit	All 180/185/186 series	Use	B-41592-1
.0, 100			_		1 as	
	nut assembly	3.08 ratio	with these gearsets	rear-rear carriers	req.	B-40990-3
		3.21 ratio		(except 3.07 and		B-41026-3
		3.42 ratio		3.73-4.30 ratios in		B-41004-3

FORWARD CARRIERS OF ALL TANDEM AXLES

**REAR CARRIERS OF 380 SERIES** 

(DOUBLE-REDUCTION) AXLES (Cont'd)

ITEM	DESCR		REMARKS	CARRIER	QTY	PART NUMBER
31	Snap Ring - spigot	One piece bearing	All other ratios		1	1229-L-1624
	bearing		Sgl. reduction 6.83 Sgl. reduction 7.17	Dbl. reduction 10.12 Dbl. reduction 10.62	-	1229-K-1623
		Two piece bearing				1229-T-4076
32, 31	Bearing - drive	Current design one	All other ratios		1	MUB7309UM
	pinion spigot (inner	piece bearing	Sgl. reduction 6.83	Dbl. reduction 10.12	-	MUC1309TM
	& outer race plus		Sgl. reduction 7.17	Dbl. reduction 10.62		
	snap ring)	Old design two pc.	All other ratios			MRB7309GEXR
		brg. Incl. Item 31	Sgl. reduction 6.83	Dbl. reduction 10.12		MRC7309
		(1229-T-4076 snap	Sgl. reduction 7.17	Dbl. reduction 10.62		
		ring.				
33		inner & outer bearing		All	2	78250AC
34	Cups - drive pinion in			All	2	78551
35	Spacers - pinion	.326" /8.28mm	Incl. in KITS 1554,	All	Use 2	2203-U-7899
	bearing	.327" /8.31mm	RP180 1625, RP380 &		as req.	2203-V-7900
		.328" /8.31mm	RR380		104.	2203-W-7901
		.329" /8.33mm				2203-X-7902
		.330" /8.38mm				2203-Y-7903
		.331" /8.41mm				2203-Z-7904
		.332" /8.43mm				2203-A-7905
		.338" /8.59mm				2203-B-7906
		.345" /8.76mm				2203-C-7907
		.352" /8.94mm				2203-D-7908
		.359" /9.12mm				2203-E-7909
36	Shims - pinion	.003" /.075mm	Incl. in KITS 2432,	All	Use as	2203-Z-6604
	bearing cage	.005" /.125mm	RP180 1625, RP380 &		req.	2203-A-6605
		.010" /.254mm	RR830			2203-B-6606
37, 34	Pinion bearing cage			All	1	A-3226-Z-598
38	Washer - pinion bear			All	9	10-X-1669
39	Capscrew - pinion be			All	9	S-2812A-2
40	Gear - helical driven		Forward-Rear	RP-xx-180 carriers	1	3892-J-4014
				RP-xx-380 carriers	-	3892-B-4708
			Single axles & rear-rear double reduction	RR & RS-xx-380		3892-D-4710

FORWARD CARRIERS OF ALL TANDEM AXLES

**REAR CARRIERS OF 380 SERIES** 

(DOUBLE-REDUCTION) AXLES (Cont'd)

ITEM	DESCF	RIPTION	REMARKS	CARRIER	QTY	PART NUMBER
41	Washer - drive pinio	n		All	1	1229-K-2429
42	Nut - drive pinion		Incl. in KITS RR380, RP380 & RP180 1625	All	1	1227-P-900
	NOTE: ITEMS 4	3-98 ARE USE	D ONLY IN FWD. CA	ARRIERS WITH I	4 <i>D &amp;</i>	OIL PUMP
43	Cup - Rear side gea	r bearing	Incl. in KITS RR380,	All	1	JM-515610
44	Cone - Rear side ge	ar bearing	RP380 & RP180 1625	All	1	JM-515649
45	Side gear - inter-axle	e differential rear	—	All	1	2234-F-890
46, 47, 48, 49	Case assembly - Inte			All	1	A1-3235-X-1532
46, 47, 48, 49, 50, 51,	Case & nest assemb differential	bly - Inter-axle		All	1	A-3235-X-1532
52	Dolt Inter ovla diffe	rential acco		A 11		S 0606 0
47 48	Bolt - Inter-axle diffe Washer - Inter-axle d			All	8	S-2626-2 1229-K-1597
48	Nut - Inter-axle differ			All	8	NL-26-1
50	Thrust washer - Inte		Incl. in KITS 2421,2422,	All	4	1229-Q-2929
51	Gear - Inter-axle pin	ion		All	4	2233-K-245
52	Spider (cross) - Inter			All	1	3278-N-300
53	Helical drive & forwa	ard side gear	Forward-Rear	RP-xx-180 carriers	1	3892-W-4963
				RP-xx-380 carriers	-	3892-Y-4965
54	Thrust washer - Heli	cal drive gear	Incl. in KITS 2421,2422, RP180 1625 & RP380	All	1	1229-L-2742
55	Input shaft, nut, ball	& pin assembly		All after 11/93	1	A1-3297-N-1288
				All prior to 11/93	-	A1-3297-K-115
56	Roll pin - shift fork			All after 11/93	1	Not used
				All prior to 11/93		KIT 2268
57	Shift fork - Inter-axle	differential		All after 11/93	1	3296-Q-1187
				All prior to 11/93		3296-L-90
58	Clutch collar - Inter-a			All	1	3107-P-16
59	Adjusting screw - sh	ift shaft		All	1	S-2812-2
60	Jam nut - Adjusting		Incl. in KITS 4440.	All	1	N-68-1 HM-813844
61	Cone - Input shaft be	earing	Inci. in KI15 4440,	All	I	HIVI-813844
62	Cup - Input shaft bea		RP180 1625 & RP380	All	1	HM-813810
63	Shims - Input shaft	.003" / .076mm	Incl. in KIT 1573	All prior to 11/93	Use	2203-C-6607
	bearing cage			All after 11/93	as	2203-K-9241
		.005" / .127mm	Incl. in KIT 1573	All prior to 11/93	req.	2203-D-6608
				All after 11/93		2203-L-9242
		.010" / .254mm	Incl. in KIT 1573	All prior to 11/93		2203-E-6609
				All after 11/93	-	2203-M-9243
64, 62	Bearing cage & cup	assembly - input		All after 11/93	1	A-3226-H-1126

#### FORWARD CARRIERS OF ALL TANDEM AXLES

**REAR CARRIERS OF 380 SERIES** 

#### (DOUBLE-REDUCTION) AXLES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
64A	Pressure relief valve - oil		All after 11/93	1	2297-U-5273
			All prior to 11/93	0	Not used
64B	Spring - Oil pressure relief valve		All after 11/93	1	2258-Z-1118
			All prior to 11/93	0	Not used
64C	Washer - Plug		11/93 thru 5/97	1	1229-F-4062
		-	All prior to 11/93 & after 5/97	0	Not used
64D	Pressure relief plug		11/93 thru 5/97	1	1250-N-1080
			All prior to 11/93 & after 5/97	0	Not used
65	Washer - Input bearing cage		All after 11/93	7	1229-C-1511
			All prior to 11/93	6	1229-C-1511
66	Capscrew - Input bearing cage		All after 11/93	7	S-2814-A2
			All prior to 11/93	6	10-X-1669
67	Oil seal - Input bearing cage		All	1	4345V
68	Deflector - Input yoke	Available separately or	All	1	CALL YOUR SALES REF
69	Yoke & Deflector assembly - Input	as an assembly.	All	1	
70	Washer - Input yoke & shaft		All	1	1229-N-1730
71	Nut - Input yoke & shaft	Incl. in KITS RP180 1625 & RP380	All	1	1227-D-940
72	Cover assembly - helical gear	Direct drive (1:1)	All after 11/93	1	3266-M-1313
		Overdrive (.756:1)			3266-Q-1317
		Updates to current design direct drive (1:1)	All prior to 11/93		KIT 2678
		Updates to current design overdrive (.756:1)			KIT 2679
73	Washer - Gear cover to carrier	<b>J J J J</b>	All	14	1229-C-1511
74	Capscrew - Gear cover to carrier		All	14	S-2812-2
75 76	Spring - Shift shaft return Shift Shaft - Inter-axle differential		All All after 11/93	1	2258-U-411 2244-K-1025
			All prior to 11/93	-	2297-X-2494
77	Shift assembly - Inter-axle differential air		All after 11/93	1	A2-3261-Q-1057
			All prior to 11/93	-	KIT 2266
78	Capscrew - Air shift assembly		All after 11/93	0	Not used
			All prior to 11/93	4	10-X-1334
79	Capscrew - Filter shield		All after 11/93	0	Not used
			All prior to 11/93	2	S-256P-2
80	Washer - Filter shield		All after 11/93	0	Not used
			All prior to 11/93	2	1229-E-1669
81	Shield - oil filter		All after 11/93	1	3280-Z-8398
			All prior to 11/l93	-	A-3280-F-8430

FORWARD CARRIERS OF ALL TANDEM AXLES

**REAR CARRIERS OF 380 SERIES** 

#### (DOUBLE-REDUCTION) AXLES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
82	Filter - oil		All after 11/93	1	3280-V-8394
			All prior to 11/93		
83	Capscrew - Oil pump	Long	All prior to 11/93	1	S-2616-2
		Short	_	6	S-2610-2
			All after 11/93	-	MS-208045-1
84	Washer - Oil pump		All after 11/93	6	1229-E-1669
			All prior to 11/93	7	1229-K-1597
85	Oil pump assembly		All after 11/93	1	A-3303-P-1030
			All prior to 11/93		A1-3303-L-12
35A	O-Ring - Pump assembly		All after 11/93	2	5-X-1034
			All prior to 11/93	0	Not used
86	Gear - Pump driven		All after 11/93	0	Not used
			All prior to 11/93	1	3892-V-4936
87	Capscrew - Filter adapter		All after 11/93	0	Not used
			All prior to 11/93	2	S-2510-2
88	Washer - Filter adapter		All after 11/93	0	Not used
			All prior to 11/93	2	1229-E-1669
89	Adapter - Oil filter		All after 11/93	1	2297-Z-5278
			All prior to 11/93		2297-E-2293
90	Plug - Gear cover		All after 11/93	0	Not used
			All prior to 11/93	1	P-16
91	O-Ring - Oil tube to gear cover		All after 11/93	0	Not used
			All prior to 11/93	1	3780-R-382
92	Tube - Gear cover oil		All after 11/93	1	A-2297-D-5334
			All prior to 11/93		3196-B-28
93	Pin - Oil restriction (not shown)		All after 11/93	0	Not used
			All prior to 11/93	1	1246-Q-615
94	Nut - Pump idler shaft		All after 11/93	0	Not used
			All prior to 11/93	1	NL-210-1
95	Bearing assembly - pump idler gear		All after 11/93	0	Not used
			All prior to 11/93	1	LM11949-90013
96	Shaft - Pump idler gear		All after 11/93	0	Not used
			All prior to 11/93	1	2297-L-5420
97	Gear - Pump idler drive		All after 11/93	0	Not used
			All prior to 11/93	1	3892-W-4937
98	Washer - Pump idler shaft		All after 11/93	0	Not used
			All prior to 11/93	1	1829-J-738

FORWARD CARRIERS OF ALL TANDEM AXLES

**REAR CARRIERS OF 380 SERIES** 

(DOUBLE-REDUCTION) AXLES (Cont'd)

ITEM	DESCR	PTION	REMARKS	CARRIER	QTY	PART NUMBER
N			D ONLY IN FWD. C R OF 280 SERIES (I			
99, 115	Input shaft & nut ass	embly	Forward/Rear	RN-xx-380 carriers	1	A-3297-M-117
			Rear-Rear	RR-xx-380 carriers		A-3297-S-97
100	Cones - Input shaft	Inner		All	1	29685
	bearing	Outer				496
101	Cups - Input shaft	Inner		All	1	29620
		Outer				493
102	Oil Scoop - Helical g			All	1	3221-H-8
03, 101, 102	Cover assembly - He	-		All except rear-rear with pump	1	A1-3266-B-834
03, 101, 02, 116, 17, 118, 19, 120, 27, 128, 129	Cover assembly - He	lical gear		RR-xx-380 carrier (rear-rear) with oil pump	1	A-3266-L-792
104	Washer - gear cover	to carrier		All	14	1229-C-1511
105	Capscrew - gear cov	er to carrier		All	14	S-2812-2
106	Spacers - Input	.326" / 8.28mm	Incl. in KIT 1554	All	Use 2	2203-U-7899
	shaft bearing	.327" / 8.31mm			as req.	2203-V-7900
		.328" / 8.33mm				2203-X-7902
		.329" / 8.36mm				2203-W-7901
		.330" / 8.38mm				2203-Y-7903
		.331" / 8.41mm				2203-Z-7904
		.332" / 8.43mm	_			2203-A-7905
		.338" / 8.59mm	_			2203-B-7906
		.345" / 8.76mm				2203-C-7907
		.352" / 8.94mm	_			2203-D-7908
		.359" / 9.12mm				2203-E-7909
107	Gear - Helical drive		E-mark D	All	1	3892-F-4712
108	Cover - Input		Forward-Rear	RN-xx-380 carriers	1	3266-Y-831
100			Rear-Rear	RN-xx-380 carriers		3266-T-982
109	Washer - Input cover			All	9	1229-K-1597
110	Capscrew - Input cov	/er		All	9	S-2610-2
111	Oil seal - Input cover		Forward-Rear	RN-xx-380 carriers	1	4345V
			Rear-Rear	RN-xx-380 carriers	1	4810V OR 30007CF
112	Deflector - Input yok	9	Available separately or as an assembly.	All	1	CALL YOUR SALES RE

FORWARD CARRIERS OF ALL TANDEM AXLES

**REAR CARRIERS OF 380 SERIES** 

(DOUBLE-REDUCTION) AXLES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
113	Yoke & deflector assembly - input		All	1	
114	Washer - Input yoke & shaft	Forward-Rear	RN-xx-380 carriers	1	1229-N-1730
		Rear-Rear	RN-xx-380 carriers		1229-T-1736
115	Nut - Input yoke & shaft	Forward-Rear	RN-xx-380 carriers	1	1227-D-940
		Rear-Rear	RN-xx-380 carriers		1227-J-946

#### NOTE: ITEMS 116-129 ARE OIL PUMP COMPONENTS THAT ARE ONLY USED IN REAR CARRIERS

116	Tube - finished steel 11.88" long	3/8" OD x .032" wall	1   3196-U-21
117	Hose clamp		4 2257-S-1033
118	Hose 3/8" x 2"		1 2296-F-1098
119	Tube - finished steel .94" radius	3/8" OD x .032" wall	1 2296-B-106
120	O-Ring		1 5-X-585
121	Button - pump drive		1 2297-C-3799
122	Washer - oil pump bolt	11/32" ID x 5/8" OD	3 1229-E-1669
123	Bolt - oil pump	5/16" dia. x 2.24" long	3 S-2518-2
124	Bolt - oil pump	3/8" dia. x 2.25" long	1 S-2616-2
125	Washer - oil pump bolt	13/32" ID x 13/16" OD	1 1229-B-1666
126	Oil pump assembly		1 A-3303-M-13
127	Tube - finished steel .125" radius	7/16" OD x .032" wall	1 3196-T-20
128	Hose - 7/16" x 2"		1 2296-G-1099
129	Tube - finished steel 2" long	7/16" OD x .032" wall	1 2296-A-105

### ROCKWELL<sup>®</sup> WORLD AXLE CARRIERS FOR 180/185/186 SERIES SINGLE AXLES & REARS OF

RIERS FUR 100/103/100 SERIES SINGLE AALES & REAR

#### 180/185/186 SERIES TANDEM AXLES

ITEM	DESCR	IPTION	REMARKS	CARRIER	QTY	PART NUMBER
130	Nut - drive pinion			1381 & 1399	1	KIT 2638
				All others	-	40-X-1233
130A	Washer - pinion nut			All	1	1229-N-1730
131	Input yoke assembly	& deflector		All	1	CALL YOUR SALES REF
132	Deflector - input yoke	9		All	1	3264-P-172
133	Oil seal - pinion bear		Incl. in KIT 4435	All	1	4544V
134	Cone - drive pinion o	uter bearing		All	1	H-715334
135	Cup - drive pinion ou			All	1	H-715311
136	Capscrew - pinion be	earing cage		1381	8	41-X-1043
				All others		MS-212045-1
137	Washer - pinion bear	ing cage		1899	8	1229-D-4632
				All others		MWA-512
138, 135, 141	Pinion bearing cage	assembly		1752 & 1753	1	A-3226-V-1010
				All except 1752 & 1753	-	A-3226-B-860
139	Shims - pinion	.003" / .075mm	Incl. in KIT 1592	All	Use 1 as	
	bearing cage	.005" / .125mm	_		req.	2803-Z-2756
		.008" / .200mm				2803-A-2757
		.020" / .500mm				2803-B-2758
140	Spacers - pinion	.250" / 6.35mm	Incl. in KIT 1593	All	Use 2 as	2803-D-2500
	bearing	.251" / 6.38mm			req.	2803-E-2501
		.252" / 6.40mm				2803-F-2502
		.254" / 6.45mm				2803-N-2510
		.256" / 6.50mm				2803-H-2504
		.260" / 6.60mm				2803-J-2506
		.261" / 6.63mm				2803-K-2507
		.262" / 6.65mm				2803-L-2508
		.263" / 6.68mm				2803-M-2509
		.264" / 6.70mm				2803-P-2512
141	Cup - drive pinion inr	ner bearing	Incl. in KIT 4435	All	1	9220
142	Cone - drive pinion ir		-	All	1	9278
143, 130	Drive gear, pinion &	2.93 ratio	Use KIT 2608 bolt kit	All 180/185/186 series	Use 1 as	B-41592-1
	nut assembly	3.08 ratio	with these gearsets	rear-rear carriers	req.	B-40990-3
		3.21 ratio		(except 3.07 and		B-41026-3
		3.42 ratio		3.73-4.30 ratios in		B-41004-3

#### CARRIERS FOR 180/185/186 SERIES SINGLE AXLES & REARS OF

#### 180/185/186 SERIES TANDEM AXLES (Cont'd)

ITEM	DESCR	IPTION	REMARKS	CARRIER	QTY	PART NUMBER
43, 130	Drive gear, pinion & nut assembly	3.58 ratio	Use KIT 2608 bolt kit with these gearsets	All 180/185/186 series rear-rear carriers	Use 1 as	B-41030-3
	nut assembly	3.73 ratio			req.	B-41016-3
		3.91 ratio	-			B-41006-3
		4.10 ratio	-			B-41018-3
		4.30 ratio	-			B-41014-3
		4.56 ratio	-			B-41008-3
		4.89 ratio				B-41034-3
		5.13 ratio				B-41010-3
		5.38 ratio	]			B-41028-3
		5.63 ratio	]			B-41032-3
		5.86 ratio				B-41012-3
		6.14 ratio				B-41036-3
		6.43 ratio				B-41024-4
		6.83 ratio				B-41022-1
		7.17 ratio				B-41020-1
		7.40 ratio				B-41002-1
		7.83 ratio				B-41650-1
43 &	Drive gear, pinion &	3.07 ratio		1752 & 1753	Use 1 as	B-41806-1
130	nut assembly	3.73 ratio			req.	A-40636-1
		3.91 ratio				A-40638-1
		4.10 ratio				A-40632-1
		4.30 ratio				A-40634-1
144	Bearing - drive pinior	spigot	6.83, 7.17, 7.40 & 7.83 ratios only	All	1	MUC1309UM
			All other ratios			
144A	Snap Ring - drive pin	ion spigot bearing	6.83, 7.17, 7.40 & 7.83 ratios only		1	1229-K-1623
			All other ratios		<u> </u>	1229-L-1624
145	Screw - thrust			1381	1	41-X-1020
146	Nut - thrust screw jan	n		1752, 1839, 1910 1381	1	15-X-1167 40-X-1015
140	TNUL - UTUSL SCIEW JAN			1301	_	
				1752, 1839, 1910		1227-D-472

#### CARRIERS FOR 180/185/186 SERIES SINGLE AXLES & REARS OF

#### 180/185/186 SERIES TANDEM AXLES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
147	Differential carrier & cap assembly	Less diff. lock (3.07-4.30 ratios)	Malleable (original design)		KIT 2732
		Less diff. lock (4.56-7.40 ratios)	_		KIT 2732A
		Malleable less diff. lock	180 & early 185/186 series	-	A2-3200-J-1804
		Malleable with diff. lock	_		A2-3200-A-1899S
		Malleable with or without diff. lock	Current 185/186 series	-	A2-3200-K-1753
		With diff. lock (3.07-4.30 ratios)	Malleable (original design)	-	KIT 2731
		With diff. lock (4.56-7.40 ratios)	_		KIT 2731A
148	Washer - differential bearing cap		All	4	42-X-1024
149	Capscrew - differential bearing cup		Aluminum carriers	4	41-X-1037
			Malleable carriers		41-X-1018
150	Plug	Magnetic	All	Use 1 as	45-X-1008
		Plain		req.	45-X-1003
151	Adjusting Ring	Left hand	1752 & 1753	1	2214-W-1011
		Left hand (small) 1804, 1899	All exc. 1752 & 1753		2214-G-1125
		Left hand (small) original design	_		2214-S-279
		Right hand	1752 & 1753	1	2214-X-1012
		Right hand (large) 1804, 1899	All exc. 1752 & 1753	-	2214-X-1137
		Right hand (large) original design	_		2214-Q-277
152	Cotter pin - adjusting ring left hand		All exc. 1752 & 1753	1	1199-R-2176
	Locking pin - adjusting ring		1752 & 1753		43-X-1015
153	Lock - adjusting ring right hand		All	1	1220-K-89
153A	Locking pin - adjusting ring		1752 & 1753	1	43-X-1015
	Locking pin - adjusting ring right hand		1899		1246-P-1134
154	Washer - adjusting ring lock		All	2	MWA-508
155	Capscrew - adjusting ring lock		All	2	MS-208020-1
156	Cover- special carrier			1	3266-M-897

#### CARRIERS FOR 180/185/186 SERIES SINGLE AXLES & REARS OF

180/185/186 SERIES TANDEM AXLES (Cont'd)

ITEM	DESCR	IPTION	REMARKS	CARRIER	QTY	PART NUMBER
156A	Plug			1899	1	1250-U-1217
157	Washer - cover			Items 156 thru 160 for	4	MWA-506
158	Capscrew - cover			1381 & 1399 carriers	4	41-X-1080
159	Plug - special carrier	capscrew		without differential lock	1	41-X-1022
160	Washer - plug				1	1229-U-1503
161	Cups - differential bearing	LH		1381, 1399, 1752 & 1753 only	1	JHM-720210
				All others		KIT 2744
		RH		1381, 1399, 1752 & 1753 only		64700
				All others	-	JM-822010
161A	Adhesive - bearing c	ар	Not shown - 2 tubes 5cc each. (One tube per bearing	All	1	2297-T-4180
162	Cones - differential bearing	LH		1381, 1399, 1752 & 1753 only	1	JHM-720249
				All others		KIT 2744
		RH		1381, 1399, 1752 & 1753 only		64450
				All others		
163	Nut - differential case	e to gear		All	16	40-X-1182
164	Washer - plug			1899	16	1229-W-1557
				All others		1229-U-1503 ( <b>3</b> )
165	Bolt - differential cas	e to gear	Used in KIT 1594	All others (4)	16	41-X-1358
			Used in KIT 2608	1753, 1804, 1899		41-X-1334
66, 167, 68, 169, 70, 171, 172,	Differential case & no	est assembly	2.93, 3.07, 3.21, 3.42, 3.58 ratios	1752 & 1753 with or without diff. lock (2.35" - 46 spline)	1	A1-3235-Y-2339
172Å, 173				1752 & 1753 with or without diff. lock (2.56" - 50 spline)	-	A2-3235-Y-2339
			2.93, 3.08, 3.21, 3.42,	1381 & 1399	Ť	A5-3235-F-1618
			3.58, 3.91, 4.10, 4.30 ratios	1791 & 1899 with diff. lock(2.35" - 46 spline)	-	A3-3235-K-2143
				1791 & 1899 with diff. lock (2.56" - 50 spline	-	A7-3235-K-2143
				1804 less diff. lock (2.35" - 46 spline	•	A2-3235-K-2143
				1804 less diff. lock	-	A5-3235-K-2143

(3)

For 3200-C-1511, 3200-Z-1560, 3200-T-1658 & 3200-V-1660 use -6 gear sets, except for 6.83 ratio use -2 gear set.

#### CARRIERS FOR 180/185/186 SERIES SINGLE AXLES & REARS OF

#### 180/185/186 SERIES TANDEM AXLES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
66,167, 68,169, 70,171,	Differential case & neat assembly	3.73, 3.91, 4.10, 4.30 ratios	(2.56" - 50 spline) 1752 & 1753 with or without diff. lock (2.35" - 46 spline)		A1-3235-U-2335
172, 172A, 173			1752 & 1753 with or without diff. lock (2.56" - 50 spline)	-	A2-3235-U-2335
		4.56, 4.89, 5.13, 5.38, 5.63, 5.86, 6.14, 6.43,	1381 & 1399	-	A3-3235-H-1620
		6.83, 7.17, 7.40, 7.83 ratios	1752 & 1753 with or without diff. lock (2.35" - 46 spline)	-	A1-3235-W-2337
			1752 & 1753 with or without diff. lock (2.56" - 50 spline	-	A2-3235-W-2337
			1791 & 1899 with diff. lock (2.35" - 46 spline)	-	 A2-3235-M-2145
			1791 & 1899 with diff. lock (2.56" - 50 spline)	-	A7-3235-M-2145
			1804 less diff. lock (2.35" - 46 spline)	-	A3-3235-M-2145
			1804 less diff. lock (2.56" - 50 spline)	-	A5-3235-M-2145
66, 172, 172A, 173	Differential case assembly	2.93, 3.07, 3.21, 3.42, 3.58 ratios	1752 & 1753 with or without diff. lock	1	A-3235-Y-2339
170		2.93, 3.08, 3.21, 3.42,	1381 & 1399	1	A-3235-F-1618
		3.58, 3.91, 4.10, 4.30 ratios	1791 & 1899 with diff. lock	-	A1-3235-K-2143
			1804 less diff. lock	-	A-3235-K-2143
		3.73, 3.91, 4.10, 4.30 ratios	1752 & 1753 with or without diff. lock	1	A-3235-U-2335
		4.56, 4.89, 5.13, 5.38,	1381 & 1399	+	A-3235-H-1620
		5.63, 5.86, 6.14, 6.43	1752 & 1753 with or	-	A-3235-W-2337
		6.83, 7.17, 7.40, 7.83	without diff. lock		
		ratios	1791 & 1899 with diff. lock	-	A-3235-M-2145
			1804 less diff. lock	-	 A1-3235-M-2145
66, 172, 172A	Differential case & NoSPIN assembly	2.93, 3.08, 3.21, 3.42,	1381 & 1399	1	A6-3235-F-1618
173 173A		3.58, 3.91, 4.10, 4.30 ratios	1804 less diff. lock (2.35" - 46 spline)		A4-3235-K-2143

#### CARRIERS FOR 180/185/186 SERIES SINGLE AXLES & REARS OF

#### 180/185/186 SERIES TANDEM AXLES (Cont'd)

ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
166, 172, 172A,	Differential case & NoSPIN assembly	4.56, 4.89, 5.13, 5.38,	1381 & 1399	1	A5-3235-H-1620
173, 173A		5.63, 5.86, 6.14, 6.43,	1804 less diff. lock		A4-3235-M-2145
		6.83, 7.17, 7.40, 7.83	(2.35" - 46 spline)		
		ratios	1804 less diff. lock (2.56" - 50 spline)	_	A6-3235-M-2145
167	Thrust washer - side gear		All	2	1229-L-3002
168	Side gear - differential		2.35" - 46 spline	2	2234-C-1069
			2.56" - 50 spline	1	2234-P-1004
169	Thrust washer - differential pinion		All	4	1229-K-3001
170	Gear - differential pinion		All	4	2233-M-1001
171	Spider - differential		All	1	3278-W-335
172	Capscrew - differential case		All others	12	41-X-1275
			Thru-bolt design	4	41-X-1109
				8	41-X-1275
172A	Thread locking liquid	Use on Item 172	All	1	2297-C-7049
172B	Nut		1899	4	40-X-1182
173	Washer		1899	16	1229-W-1557
			All others	12	1229-U-1503
173A	NoSPIN Assembly		2.35" - 46 spline	1	A-3230-C-1043
			2.56" - 50 spline		A-3230-A-1041

#### NOTE: ITEMS 174-194 ARE FOR CARRIERS WITH DIFFERENTIAL LOCK

174	Shift Collar	2.35" - 46 spline	1752 & 1753	1	3107-A-1041
			All others	-	3107-L-1104
		2.37" - 46 spline	1381 & 1399		3107-Z-78
		2.56" - 50 spline	1752 & 1753		3107-V-1010
			All others	-	 3107-N-1106
175	Shift fork	One pc. style	1381, 1399, 1791	1	3296-N-1184
			1752 & 1753	-	3296-A-1197
			1899	-	 3296-D-1174
176	Pin - Shift fork	Used with 3 pc. style fork (3296-V-178)	1381 & 1399	2	43-X-1007
			All others	0	Not used
177	Spring - Shift shaft		1899	1	2258-N-1262
			All others	-	 2258-L-714

CARRIERS FOR 180/185/186 SERIES SINGLE AXLES & REARS OF

180/185/186 SERIES TANDEM AXLES (Cont'd)

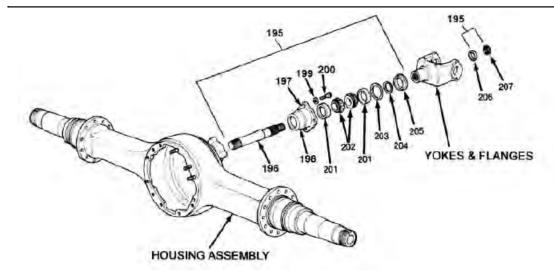
ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
178	Shift shaft		1752 & 1753	1	2244-Z-52
			1899		2244-V-1114
			All others		2244-Y-51
179	Pin - Shift shaft		1899	0	Not used
			All others	1	43-X-1006
180	Washer - piston		1752, 1753 & 1899	0	Not used
			All others	1	42-X-1027
181	Tube - air cylinder		1899	1	3261-A-1067
			All others		3196-F-32
182	Piston		1899	1	2230-T-1190
			All others		2230-N-170
183	O-Ring		1899	1	5-X-1198
			All others		5-X-1153
184	Gasket - Cylinder cover		1899	0	Not used
			All others	1	2208-H-944
185	Capscrew - manual engaging (shipping)		1899	1	41-X-1368
			All others		41-X-1333
185A	O-Ring		1899	1	5-X-521
186	Cover cylinder		1899	0	See Item 181
			All others	1	3266-F-1020
187	Capscrew - Cylinder cover		1899	0	Not used
			All others	4	41-X-1364
188	Washer - Cylinder cover		1899	0	Not used
			All others	4	MWA-506
189	Gasket - plug		1899	0	Not used
			All others	1	2208-L-1000
190	Plug - Cylinder cover		1899	0	Not used
101			All others	1	MS-210016-1
191	Switch - sensor		All 1750 8 1750	1	3237-W-1167
<u>191A</u> 192	Washer - sensor switch Nut - sensor switch		1752 & 1753 1752 1753 & 1899	2	1229-U-1503 Not used
192			1752, 1753 & 1899		
100	Adaptor - Cylinder cover	Converts old metric	All others	1	1227-P-1056 No longer available
193		covers to use American standard threads.			
194	Gasket - Adapter	Only used with		1	2208-L-1000
	· ·	Item 193			

### **ROCKWELL<sup>®</sup> WORLD AXLE** CARRIERS FOR 180/185/186 SERIES SINGLE AXLES & REARS OF

180/185/186 SERIES TANDEM AXLES (Cont'd)

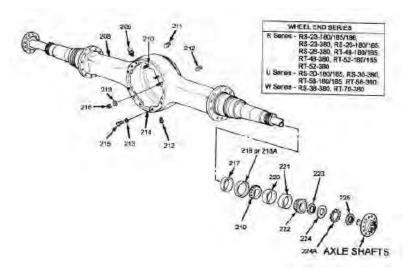
ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
194A	Cover - Cylinder hole		For carriers with DCDL	1	3266-M-897
194B	Capscrew - Cylinder hole cover		bolt holes, but less	4	41-X-1080
194C	Washer - Cylinder hole cover		DCDL	4	MWA-416

OUTPUT (THRU) SHAFT ASSEMBLY PARTS



ІТЕМ	DESCRIPTION	REMARKS	AXLE MODEL	QTY	PART NUMBER
195, 196,	Output (thru) shaft, bearing cage and		All	1	A1-3226-Q-901
198, 201,	seal assembly				
202, 203,					
204, 205,					
206, 207					
196	Shaft - output (thru)		All	1	3297-W-75
197	Silastic gasket material (not shown)	Use as gasket for Item 198	All	1	2297-A-7021
198	Bearing cage & inner cup assembly	Includes one piece of Item 201	All	1	A-3226-Q-901
199	Washer - output bearing cage		All	6	1229-E-1513
200	Capscrew - output bearing cage		All others	6	S-2711-2
			RT-70-380		S-2710-2
201	Cups - inner & outer output bearing		All	2	382A
202	Cones - inner & outer output bearing		All	2	385A
203	Snap Ring (spacer) output bearing	Incl. in KIT 1536	All	Use 1 as	1229-L-2430
				req.	1229-M-2431
					1229-N-2432
					1229-P-2434
					1229-Q-2435
					1229-R-2436
					1229-S-2437
					1229-T-2438
					1229-U-2439
204	Snap ring spacer - output bearing yoke		All	1	1229-T-3062
205	Oil seal assembly		All	1	415013N
206	Washer - output yoke and shaft		All	1	1229-T-1736
207	Nut - output yoke and shaft		All	1	1227-J-946

## **ROCKWELL<sup>®</sup> WORLD AXLE** OUTPUT (THRU) SHAFT ASSEMBLY PARTS (Cont'd)



ITEM	DESCRIPTION	REMARKS	AXLE OR WHEEL END	QTY	PART NUMBER
208	Axle housing assembly		All	1	As specified
209	Breather assembly - housing		All	1	A-1199-P-1394
210	Stud - housing to carrier	All others	Total of five studs required	2	4-X-1051
				2	SN-1036-1
				1	SN-1020-1
		Single and tandem rears of 180/185/186 series axles		4	4-X-1445
211	Plug - heat indicator		All	1	P-28S
212	Plug - oil fill & drain		Magnetic	2	1250-E-473
			Standard		P-212
213	Washer - carrier to housing		All	14	1229-U-1503
214	Silastic gasket material		All	1	2297-A-7021
215	Capscrew - carrier to housing	All others		9	S-21016-2
		Single and tandem rears of 180 series		4	S-21018-2
		axles		6	S-21038-2
		Single and tandem rears of RS185/186		4	10-X-1595
		or RR185 with 1752 or		2	10-X-1597
		1753 carriers		4	10-X-1599
216	Nut - carrier to housing	All others		5	N-110-1
		Single and tandem rears of 180/185/186 series axles		4	N-110-1
217	Wiper - housing spindle oil seal	Optional item. Use with standard oil seal	R	2	1199-B-1666
			U		1244-U-879
			W	1	2245-E-31

#### CARRIERS FOR 180/185/186 SERIES SINGLE AXLES & REARS OF

#### 180/185/186 SERIES TANDEM AXLES (Cont'd)

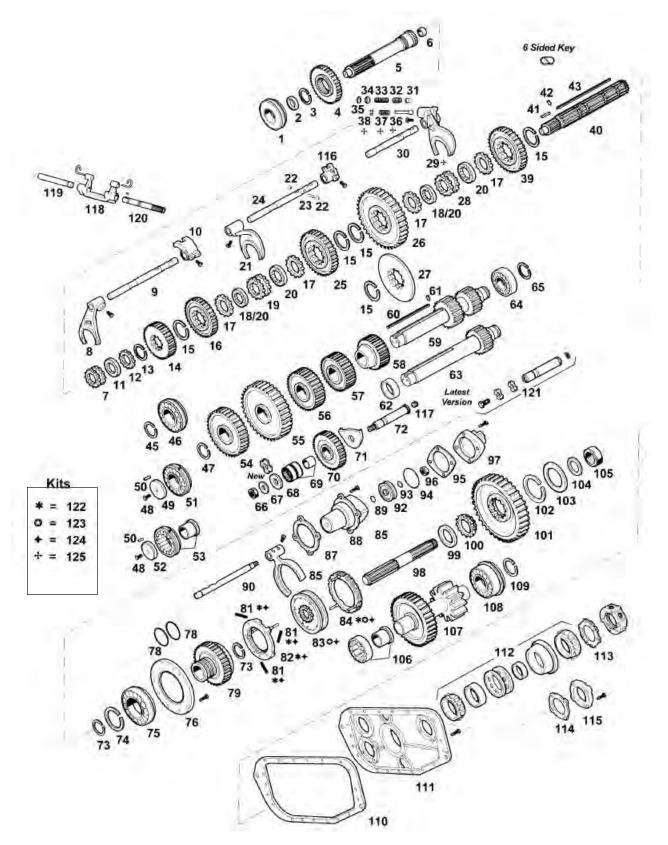
ITEM	DESCRIPTION	REMARKS	CARRIER	QTY	PART NUMBER
218	Oil seal assembly inner	Standard oil seal, use	U	2	370120A
		with Item 217	W		415072
218A	Oil seal assembly	Unitized oil seal (wiper built in)	R	2	A-1205-R-2410
219	Cone - inner wheel bearing		R	2	598A
			U & W		782
220	Cup - inner wheel bearing		R	2	592A
			U & W		772
221	Cup - outer wheel bearing		R	2	572
			U		742
			W		6535
222	Cone - outer wheel bearing		R	2	580
			U		749
			W		6580
223	Nut - inner wheel bearing adjuster		R & U	2	1227-W-517
			W		1227-A-547
224	Lockwasher - adjuster nut		R & U	2	1229-F-4634S ( <b>5)</b>
			W		1229-V-48
224A	Washer - tanged lock		R & U	2	1229-F-4634S (5)
225	Nut - outer wheel bearing (jam)		R & U	2	1227-R-330
			W		 1227-F-448

(5) For use with carriers built prior to 9/1/88.

# Notes

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PARTS, INC. <sup>®</sup> USE OF THE '® IN CONNECTION WITH A MARK OF MIDWEST TRUCK & AUTO PARTS, INC <sup>.®</sup> INDICATES THAT THE MARK IS REGISTERED IN AT LEAST THE UNITED REPRESENTATION IS MADE WITH RESPECT TO THE SOURCE OF MANUFACTURE OF ANY PARTICULAR PART. © 2005, MIDWEST TRUCK & AUTO PARTS, INC. <sup>®</sup> ALL RIGHTS RESE	STATES. NO ERVED.

## FULLER<sup>®</sup> 7 SPEED / 8 SPEED MODELS RTO-11607L, RT-11608, 14608



# FULLER<sup>®</sup> 7 SPEED / 8 SPEED

FIG.         PART#         DESCRIPTION         SERIES         SERIES         SERIES         SERIES           1         2125LV         BEARING         X         X         X         X           2         16336         SPACER         X         X         X         X           3         14289         SNAP RING         X         X         X         X           4         19158         GEAR MAIN DRIVE         X         X         X         X           4         19158         GEAR MAIN DRIVE         X         X         X         X           5         INPUT SHAFTS (SEE PGS. 316-319)				RTO-11607L	RT-11608	14608
2         16396         SPACER         ×         ×           2         16463         SPACER         ×         ×           3         14750         SNAP RING         ×         ×           4         19158         GEAR MAIN DRIVE         ×         ×           4         19158         GEAR MAIN DRIVE         ×         ×           5         INPUT SHAFTS (SEE PGS, 318-319)         ×         ×         ×           6         16566         BUSHING         ×         ×         ×           7         14654         SLIDING CLUTCH         ×         ×         ×           8         19878         SHIFT YOKE         ×         ×         ×           9         19988         YOKE BAR         ×         ×         ×           10         19078         SHIFTING BLOCK         ×         ×         ×           11         14274         WASHER S.6, 4266, 477 MM (GREEN)         ×         ×         ×           11         14276         WASHER S.6, 6266, 353-6, 604 MM (ORANGE)         ×         ×         ×           11         14277         WASHER S.6, 626-6, 353 MM (WHITE)         ×         ×         ×	FIG.	PART#	DESCRIPTION			
2         16463         SPACER         X         X           3         14289         SNAP RING         X         X           3         14750         SNAP RING         X         X           4         19158         GEAR MAIN DRIVE         X         X           4         21026         GEAR MAIN DRIVE         X         X           5         INPUT SHAFTS (SEE PGS. 318-319)         X         X         X           6         16586         BUSHING         X         X         X           7         1618         SLIDING CLUTCH         X         X         X           8         19878         SHIFT YOKE         X         X         X           9         19988         YOKE BAR         X         X         X           10         19078         SHIFTING BLOCK         X         X         X           10         14659         SHIFTING BLOCK         X         X         X           11         14276         WASHER S.6, 299-6, 350 MM (WHITE)         X         X           11         14276         WASHER S.6, 607-6, 869 MM (GREEN)         X         X           11         14277         WASHER S.6,	1	212SLV	BEARING	×	×	×
3         14289         SNAP RING         ×         ×           3         14750         SNAP RING         ×         ×           4         19158         GEAR MAIN DRIVE         ×         ×           5         INPUT SHAFTS (SEE PGS. 318-319)         ×         ×         ×           6         16566         BUSHING         ×         ×         ×           7         14654         SLIDING CLUTCH         ×         ×         ×           8         19878         SHIFT YOKE         ×         ×         ×           9         19988         YOKE BAR         ×         ×         ×           9         19988         YOKE BAR         ×         ×         ×           9         19988         YOKE BAR         ×         ×         ×           10         19078         SHIFTING BLOCK         ×         ×         ×           11         14274         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×         ×           11         14276         WASHER S.6, 809-6, 731 MM (PURPLE)         ×         ×         ×           11         14278         WASHER S.6, 809-6, 858 MM (WELLOW)         ×         × <td< td=""><td>2</td><td>16396</td><td>SPACER</td><td>×</td><td></td><td></td></td<>	2	16396	SPACER	×		
3         14750         SNAP RING         X         X           4         19158         GEAR MAIN DRIVE         X         X           5         INPUT SHAFTS (SEE PGS. 318-319)         X         X         X           6         16566         BUSHING         X         X         X           7         14654         SLIDING CLUTCH         X         X         X           8         19976         SHIFT YOKE         X         X         X           9         19988         YOKE BAR         X         X         X           9         16134         YOKE BAR         X         X         X           10         19076         SHIFTING BLOCK         X         X         X           11         14277         WASHER S.6, 299-6, 350 MM (WHITE)         X         X         X           11         14277         WASHER S.6, 60-6, 731 MM (PURPLE)         X         X         X           11         14277         WASHER S.6, 630-6, 631 MM (WHITE)         X         X         X           11         14277         WASHER S.6, 600-6, 731 MM (PURPLE)         X         X         X           11         14712         WASHER S.6, 630-6,	2	16463	SPACER		×	×
4         19158         GEAR MAIN DRIVE         ×         ×           4         21026         GEAR MAIN DRIVE         ×         ×         ×           5         INPUT SHAFTS (SEE PGS. 318-319)         ×         ×         ×         ×           6         16566         BUSHING         ×         ×         ×         ×           7         14654         SLIDING CLUTCH         ×         ×         ×         ×           7         16118         SLIDING CLUTCH         ×         ×         ×         ×           9         19988         YOKE BAR         ×         ×         ×         ×           9         19988         YOKE BAR         ×         ×         ×         ×           10         19078         SHIFTING BLOCK         ×         ×         ×         ×           11         14274         WASHER S.6, 299-6, 350 MM (WHTE)         ×         ×         ×         ×           11         14275         WASHER S.6, 680-6, 731 MM (ORANGE)         ×         ×         ×           11         14277         WASHER S.6, 533-6, 604 MM (ORANGE)         ×         ×         ×           11         14279         WASHER S	3	14289	SNAP RING	×		
4         21026         GEAR MAIN DRIVE         X         X           5         INPUT SHAFTS (SEE PGS. 318-319)	3	14750	SNAP RING		×	×
5         INPUT SHAFTS (SEE PGS. 318-319)         X         X         X         X           6         165666         BUSHING         X         X         X         X           7         14654         SLIDING CLUTCH         X         X         X         X           8         19978         SHIFT YOKE         X         X         X         X           9         19988         YOKE BAR         X         X         X         X           9         16134         YOKE BAR         X         X         X         X           10         19078         SHIFTING BLOCK         X         X         X         X           11         14274         WASHER S.6, 299-6, 350 MM (WHITE)         X         X         X           11         14276         WASHER S.6, 600-6, 731 MM (ORANGE)         X         X         X           11         14277         WASHER S.6, 600-6, 350 MM (VELLOW)         X         X         X           11         14277         WASHER S.6, 600-6, 731 MM (PURPLE)         X         X         X           11         14279         WASHER S.6, 600-6, 731 MM (ORANGE)         X         X         X           11	4	19158	GEAR MAIN DRIVE	×		
6         165666         BUSHING         X         X         X         X           7         14654         SLDING CLUTCH         X         X         X           8         19878         SHIFT YOKE         X         X         X           8         16136         SHIFT YOKE         X         X         X           9         19988         YOKE BAR         X         X         X           9         16134         YOKE BAR         X         X         X           10         19078         SHIFTING BLOCK         X         X         X           10         14659         SHIFTING BLOCK         X         X         X           11         14275         WASHER S.6, 299-6, 350 MM (WHITE)         X         X         X           11         14276         WASHER S.6, 600-6, 731 MM (PURPLE)         X         X         X           11         14278         WASHER S.6, 99-6, 350 MM (WHITE)         X         X         X           11         14279         WASHER S.6, 600-6, 731 MM (PURPLE)         X         X         X           11         14711         WASHER S.6, 600-6, 731 MM (ORANGE)         X         X         X <td>4</td> <td>21026</td> <td>GEAR MAIN DRIVE</td> <td></td> <td>×</td> <td>×</td>	4	21026	GEAR MAIN DRIVE		×	×
7         14654         SLIDING CLUTCH         ×         ×         ×           7         16118         SLIDING CLUTCH         ×         ×         ×           8         19878         SHIFT YOKE         ×         ×         ×           9         19898         SHIFT YOKE         ×         ×         ×           9         19898         YOKE BAR         ×         ×         ×           9         16134         YOKE BAR         ×         ×         ×           10         19078         SHIFTING BLOCK         ×         ×         ×           11         14274         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×         ×           11         14276         WASHER S.6, 604.6, 477 MM (GREEN)         ×         ×         ×           11         14276         WASHER S.6, 604.6, 731 MM (PURPLE)         ×         ×         ×           11         14278         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×         ×           11         14277         WASHER S.6, 604.6, 731 MM (PURPLE)         ×         ×         ×           11         14713         WASHER S.6, 630-6, 731 MM (PURPLE)         ×         ×         ×	5	INPUT SHAF	TS (SEE PGS. 318-319)			
7       16118       SLIDING CLUTCH       X       X         8       19878       SHIFT YOKE       X       X         9       19988       YOKE BAR       X       X         9       16134       YOKE BAR       X       X         10       19078       SHIFTING BLOCK       X       X         10       14659       SHIFTING BLOCK       X       X         11       14274       WASHER S.6, 299-6, 350 MM (WHITE)       X       X         11       14275       WASHER S.6, 426-6, 477 MM (GREEN)       X       X         11       14276       WASHER S.6, 680-6, 731 MM (PURPLE)       X       X         11       14277       WASHER S.6, 630-6, 858 MM (PLLOW)       X       X         11       14278       WASHER S.6, 93-6, 985 MM (BLACK)       X       X         11       14279       WASHER S.6, 807-6, 858 MM (ORANGE)       X       X         11       14712       WASHER S.6, 630-6, 731 MM (PURPLE)       X       X         11       14713       WASHER S.6, 630-6, 731 MM (ORANGE)       X       X         11       14711       WASHER S.6, 807-6, 858 MM (ORANGE)       X       X         11       14713	6	16566	BUSHING	×	×	×
8         19878         SHIFT YOKE         ×	7	14654	SLIDING CLUTCH	×		
8         16136         SHIFT YOKE         ×         ×         ×           9         19988         YOKE BAR         ×         ×         ×         ×           9         16134         YOKE BAR         ×         ×         ×         ×           10         19078         SHIFTING BLOCK         ×         ×         ×         ×           10         14659         SHIFTING BLOCK         ×         ×         ×         ×           11         14274         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×         ×           11         14276         WASHER S.6, 626-6, 477 MM (GREEN)         ×         ×         ×           11         14276         WASHER S.6, 630-6, 731 MM (PURPLE)         ×         ×         ×           11         14278         WASHER S.6, 807-6, 858 MM (BLACK)         ×         ×         ×           11         14279         WASHER S.6, 630-6, 630 MM (WHITE)         ×         ×         ×           11         14712         WASHER S.6, 630-6, 630 MM (ORANGE)         ×         ×         ×           11         14714         WASHER S.6, 630-6, 731 MM (PURPLE)         ×         ×         ×           11 <t< td=""><td>7</td><td>16118</td><td>SLIDING CLUTCH</td><td></td><td>×</td><td>×</td></t<>	7	16118	SLIDING CLUTCH		×	×
9         19988         YOKE BAR         X         X         X           9         16134         YOKE BAR         X         X         X           10         19078         SHIFTING BLOCK         X         X         X           10         14659         SHIFTING BLOCK         X         X         X           11         14274         WASHER S.6, 299-6, 350 MM (WHITE)         X         X         X           11         14275         WASHER S.6, 426-6, 477 MM (GREEN)         X         X         X           11         14276         WASHER S.6, 690-6, 731 MM (PURPLE)         X         X         X           11         14278         WASHER S.6, 807-6, 858 MM (PURPLE)         X         X         X           11         14279         WASHER S.6, 299-6, 350 MM (WHITE)         X         X         X           11         14271         WASHER S.6, 299-6, 350 MM (WHITE)         X         X         X           11         14279         WASHER S.6, 690-6, 731 MM (PURPLE)         X         X         X           11         14714         WASHER S.6, 600-6, 731 MM (PURPLE)         X         X         X           11         14714         WASHER S.6, 680-6, 731 MM	8	19878	SHIFT YOKE	×		
9         16134         YOKE BAR         X         X           10         19078         SHIFTING BLOCK         X         X         X           10         14659         SHIFTING BLOCK         X         X         X           11         14274         WASHER S.6, 299-6, 350 MM (WHITE)         X         X         X           11         14276         WASHER S.6, 653-6, 604 MM (ORANGE)         X         X         X           11         14276         WASHER S.6, 680-6, 731 MM (PURPLE)         X         X         X           11         14278         WASHER S.6, 807-6, 858 MM (YELLOW)         X         X         X           11         14279         WASHER S.6, 934-6, 985 MM (BLACK)         X         X         X           11         14279         WASHER S.6, 630-6, 731 MM (PURPLE)         X         X         X           11         14711         WASHER S.6, 630-6, 731 MM (PURPLE)         X         X         X           11         14712         WASHER S.6, 630-6, 731 MM (PURPLE)         X         X         X           11         14714         WASHER S.6, 680-6, 731 MM (PURPLE)         X         X         X           11         14714         WASHER S.6, 680-	8	16136	SHIFT YOKE		×	×
10         19078         SHIFTING BLOCK         ×         ×         ×           10         14659         SHIFTING BLOCK         ×         ×         ×           11         14274         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×         ×           11         14275         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×         ×           11         14276         WASHER S.6, 553-6, 604 MM (ORANGE)         ×         ×         ×           11         14277         WASHER S.6, 807-6, 858 MM (PURPLE)         ×         ×         ×           11         14279         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×         ×           11         14711         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×         ×           11         14711         WASHER S.6, 629-6, 477 MM (GREEN)         ×         ×         ×           11         14711         WASHER S.6, 630-6, 731 MM (PURPLE)         ×         ×         ×           11         14714         WASHER S.6, 630-6, 731 MM (PURPLE)         ×         ×         ×           11         14714         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×         ×           11         <	9	19988	YOKE BAR	×		
10       14659       SHIFTING BLOCK       X       X         11       14274       WASHER S.6, 299-6, 350 MM (WHITE)       X       X         11       14275       WASHER S.6, 426-6, 477 MM (GREEN)       X       X         11       14276       WASHER S.6, 553-6, 604 MM (ORANGE)       X       X         11       14277       WASHER S.6, 680-6, 731 MM (PURPLE)       X       X         11       14278       WASHER S.6, 807-6, 858 MM (YELLOW)       X       X         11       14279       WASHER S.6, 299-6, 350 MM (WHITE)       X       X         11       14711       WASHER S.6, 299-6, 350 MM (WHITE)       X       X         11       14712       WASHER S.6, 299-6, 350 MM (WHITE)       X       X         11       14711       WASHER S.6, 299-6, 350 MM (WHITE)       X       X         11       14712       WASHER S.6, 299-6, 350 MM (WHITE)       X       X         11       14713       WASHER S.6, 600-6, 731 MM (PURPLE)       X       X         11       14714       WASHER S.6, 600-6, 731 MM (PURPLE)       X       X         11       14715       WASHER S.6, 807-6, 858 MM (YELLOW)       X       X         12       14273       SPACER	9	16134	YOKE BAR		×	×
11         14274         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×           11         14275         WASHER S.6, 426-6, 477 MM (GREEN)         ×         ×           11         14276         WASHER S.6, 533-6, 604 MM (ORANGE)         ×         ×           11         14277         WASHER S.6, 680-6, 731 MM (PURPLE)         ×         ×           11         14277         WASHER S.6, 807-6, 858 MM (YELLOW)         ×         ×           11         14279         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×           11         14279         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×           11         14711         WASHER S.6, 426-6, 477 MM (GREEN)         ×         ×           11         14712         WASHER S.6, 630-6, 731 MM (PURPLE)         ×         ×           11         14713         WASHER S.6, 630-6, 731 MM (PURPLE)         ×         ×           11         14714         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×           11         14714         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×           11         14715         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×           12         14273         SPACER	10	19078	SHIFTING BLOCK	×		
11         14275         WASHER S.6, 426-6, 477 MM (GREEN)         ×           11         14276         WASHER S.6, 553-6, 604 MM (ORANGE)         ×         ×           11         14277         WASHER S.6, 680-6, 731 MM (PURPLE)         ×         ×           11         14277         WASHER S.6, 807-6, 858 MM (YELLOW)         ×         ×           11         14279         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×           11         14279         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×           11         14711         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×           11         14712         WASHER S.6, 553-6, 604 MM (ORANGE)         ×         ×           11         14713         WASHER S.6, 680-6, 731 MM (PURPLE)         ×         ×           11         14714         WASHER S.6, 807-6, 858 MM (PULDOW)         ×         ×           11         14715         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×           11         14716         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×           12         14273         SPACER         ×         ×           13         14289         SNAP RING         ×         ×	10	14659	SHIFTING BLOCK		×	×
11         14276         WASHER S.6, 553-6, 604 MM (ORANGE)         ×           11         14277         WASHER S.6, 680-6, 731 MM (PURPLE)         ×         ×           11         14278         WASHER S.6, 807-6, 858 MM (YELLOW)         ×         ×           11         14279         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×         ×           11         14711         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×         ×           11         14712         WASHER S.6, 426-6, 477 MM (GREEN)         ×         ×         ×           11         14713         WASHER S.6, 680-6, 731 MM (PURPLE)         ×         ×         ×           11         14714         WASHER S.6, 680-6, 731 MM (ORANGE)         ×         ×         ×           11         14714         WASHER S.6, 680-6, 731 MM (PURPLE)         ×         ×         ×           11         14714         WASHER S.6, 680-6, 731 MM (PURPLE)         ×         ×         ×           11         14716         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×         ×           12         14273         SPACER         ×         ×         ×         ×           13         14289         SNAP RING	11	14274	WASHER S.6, 299-6, 350 MM (WHITE)	×		
11         14276         WASHER S.6, 553-6, 604 MM (ORANGE)         ×           11         14277         WASHER S.6, 680-6, 731 MM (PURPLE)         ×         ×           11         14278         WASHER S.6, 807-6, 858 MM (YELLOW)         ×         ×           11         14279         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×         ×           11         14711         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×         ×           11         14712         WASHER S.6, 426-6, 477 MM (GREEN)         ×         ×         ×           11         14713         WASHER S.6, 680-6, 731 MM (PURPLE)         ×         ×         ×           11         14714         WASHER S.6, 680-6, 731 MM (ORANGE)         ×         ×         ×           11         14714         WASHER S.6, 680-6, 731 MM (PURPLE)         ×         ×         ×           11         14714         WASHER S.6, 680-6, 731 MM (PURPLE)         ×         ×         ×           11         14716         WASHER S.6, 934-6, 985 MM (BLACK)         ×         ×         ×           12         14273         SPACER         ×         ×         ×         ×           13         14289         SNAP RING	11	14275	WASHER S.6, 426-6, 477 MM (GREEN)			
11       14278       WASHER S.6, 807-6, 858 MM (YELLOW)       ×       ×         11       14279       WASHER S.6, 934-6, 985 MM (BLACK)       ×       ×         11       14711       WASHER S.6, 299-6, 350 MM (WHITE)       ×       ×         11       14712       WASHER S.6, 426-6, 477 MM (GREEN)       ×       ×         11       14712       WASHER S.6, 60-6, 771 MM (GREEN)       ×       ×         11       14713       WASHER S.6, 680-6, 731 MM (PURPLE)       ×       ×         11       14715       WASHER S.6, 934-6, 985 MM (BLACK)       ×       ×         11       14714       WASHER S.6, 680-6, 731 MM (PURPLE)       ×       ×       ×         11       14716       WASHER S.6, 934-6, 985 MM (BLACK)       ×       ×       ×         12       14273       SPACER       ×       ×       ×         13       14289       SNAP RING       ×       ×       ×         13       14750       SNAP RING       ×       ×       ×         14       19182       GEAR M/S 52T       ×       ×       ×         15       14750       SNAP RING       ×       ×       ×         16       19612       G	11	14276				
11       14278       WASHER S.6, 807-6, 858 MM (YELLOW)       ×       ×         11       14279       WASHER S.6, 934-6, 985 MM (BLACK)       ×       ×         11       14711       WASHER S.6, 299-6, 350 MM (WHITE)       ×       ×         11       14712       WASHER S.6, 426-6, 477 MM (GREEN)       ×       ×         11       14712       WASHER S.6, 60-6, 771 MM (GREEN)       ×       ×         11       14713       WASHER S.6, 680-6, 731 MM (PURPLE)       ×       ×         11       14715       WASHER S.6, 934-6, 985 MM (BLACK)       ×       ×         11       14714       WASHER S.6, 680-6, 731 MM (PURPLE)       ×       ×       ×         11       14716       WASHER S.6, 934-6, 985 MM (BLACK)       ×       ×       ×         12       14273       SPACER       ×       ×       ×         13       14289       SNAP RING       ×       ×       ×         13       14750       SNAP RING       ×       ×       ×         14       19182       GEAR M/S 52T       ×       ×       ×         15       14750       SNAP RING       ×       ×       ×         16       19612       G	11	14277	WASHER S.6, 680-6, 731 MM (PURPLE)	×		
11       14279       WASHER S.6, 934-6, 985 MM (BLACK)       ×       ×         11       14711       WASHER S.6, 299-6, 350 MM (WHITE)       ×       ×       ×         11       14712       WASHER S.6, 426-6, 477 MM (GREEN)       ×       ×       ×         11       14712       WASHER S.6, 553-6, 604 MM (ORANGE)       ×       ×       ×         11       14713       WASHER S.6, 680-6, 731 MM (PURPLE)       ×       ×       ×         11       14715       WASHER S.6, 807-6, 858 MM (YELLOW)       ×       ×       ×         11       14716       WASHER S.6, 934-6, 985 MM (BLACK)       ×       ×       ×         11       14716       WASHER S.6, 934-6, 985 MM (BLACK)       ×       ×       ×         12       14273       SPACER       ×       ×       ×         12       14273       SPACER       ×       ×       ×         13       14289       SNAP RING       ×       ×       ×         14       19182       GEAR M/S       ×       ×       ×         14       19182       GEAR M/S 52T       ×       ×       ×         15       14750       SNAP RING       ×       ×       ×	11	14278	WASHER S.6, 807-6, 858 MM (YELLOW)			
11       14711       WASHER S.6, 299-6, 350 MM (WHITE)       X       X         11       14712       WASHER S.6, 426-6, 477 MM (GREEN)       X       X         11       14713       WASHER S.6, 553-6, 604 MM (ORANGE)       X       X         11       14714       WASHER S.6, 680-6, 731 MM (PURPLE)       X       X         11       14715       WASHER S.6, 807-6, 858 MM (YELLOW)       X       X         11       14716       WASHER S.6, 934-6, 985 MM (BLACK)       X       X         12       14273       SPACER       X       X         13       14289       SNAP RING       X       X         14       19182       GEAR M/S       X       X         14       19182       GEAR M/S 52T       X       X         15       14750       SNAP RING       X       X         14       19162       GEAR M/S 52T       X       X         16       19612       GEAR M/S 2ND SPEED 50T       X       X	11					
11       14712       WASHER S.6, 426-6, 477 MM (GREEN)       X       X         11       14713       WASHER S.6, 553-6, 604 MM (ORANGE)       X       X         11       14713       WASHER S.6, 553-6, 604 MM (ORANGE)       X       X         11       14714       WASHER S.6, 680-6, 731 MM (PURPLE)       X       X         11       14715       WASHER S.6, 807-6, 858 MM (YELLOW)       X       X         11       14716       WASHER S.6, 934-6, 985 MM (BLACK)       X       X         12       14273       SPACER       X       X         13       14289       SNAP RING       X       X         13       14750       SNAP RING       X       X         14       19182       GEAR M/S       X       X         14       21023       GEAR M/S 52T       X       X         15       14750       SNAP RING       X       X         16       19612       GEAR M/S 2ND SPEED 50T       X       X	11	14711			×	×
11       14713       WASHER S.6, 553-6, 604 MM (ORANGE)       X       X         11       14714       WASHER S.6, 680-6, 731 MM (PURPLE)       X       X         11       14715       WASHER S.6, 807-6, 858 MM (YELLOW)       X       X         11       14716       WASHER S.6, 934-6, 985 MM (BLACK)       X       X         12       14273       SPACER       X       X         13       14289       SNAP RING       X       X         13       14750       SNAP RING       X       X         14       19182       GEAR M/S       X       X         14       21023       GEAR M/S 52T       X       X         15       14750       SNAP RING       X       X         16       19612       GEAR M/S 2ND SPEED 50T       X       X						
11       14714       WASHER S.6, 680-6, 731 MM (PURPLE)       X       X         11       14715       WASHER S.6, 807-6, 858 MM (YELLOW)       X       X         11       14716       WASHER S.6, 934-6, 985 MM (BLACK)       X       X         12       14273       SPACER       X       X         12       14749       SPACER       X       X         13       14289       SNAP RING       X       X         13       14750       SNAP RING       X       X         14       19182       GEAR M/S       X       X         14       19182       GEAR M/S 52T       X       X         15       14750       SNAP RING       X       X         16       19612       GEAR M/S 2ND SPEED 50T       X       X						
11       14715       WASHER S.6, 807-6, 858 MM (YELLOW)       X       X         11       14716       WASHER S.6, 934-6, 985 MM (BLACK)       X       X         12       14273       SPACER       X       X         12       14749       SPACER       X       X         13       14289       SNAP RING       X       X         13       14750       SNAP RING       X       X         14       19182       GEAR M/S       X       X         14       19182       GEAR M/S 52T       X       X         15       14750       SNAP RING       X       X         16       19612       GEAR M/S 2ND SPEED 50T       X       X	11	14714			×	×
11       14716       WASHER S.6, 934-6, 985 MM (BLACK)       X       X         12       14273       SPACER       X       X         12       14749       SPACER       X       X         13       14289       SNAP RING       X       X         13       14750       SNAP RING       X       X         14       19182       GEAR M/S       X       X         14       21023       GEAR M/S 52T       X       X         15       14750       SNAP RING       X       X         16       19612       GEAR M/S 2ND SPEED 50T       X       X	11	14715			×	
12       14273       SPACER       X       X         12       14749       SPACER       X       X         13       14289       SNAP RING       X       X         13       14750       SNAP RING       X       X         14       19182       GEAR M/S       X       X         14       21023       GEAR M/S 52T       X       X         15       14750       SNAP RING       X       X         16       19612       GEAR M/S 2ND SPEED 50T       X       X	11	14716			×	×
12         14749         SPACER         X         X           13         14289         SNAP RING         X         X           13         14750         SNAP RING         X         X           14         19182         GEAR M/S         X         X           14         21023         GEAR M/S 52T         X         X           15         14750         SNAP RING         X         X           16         19612         GEAR M/S 2ND SPEED 50T         X         X	12	14273		×		
13       14289       SNAP RING       ×       ×       ×         13       14750       SNAP RING       ×       ×       ×         14       19182       GEAR M/S       ×       ×       ×         14       21023       GEAR M/S 52T       ×       ×       ×         15       14750       SNAP RING       ×       ×       ×         16       19612       GEAR M/S 2ND SPEED 50T       ×       ×       ×					×	×
13       14750       SNAP RING       X       X         14       19182       GEAR M/S       X       X         14       21023       GEAR M/S 52T       X       X         15       14750       SNAP RING       X       X         16       19612       GEAR M/S 2ND SPEED 50T       X       X				×		
14       19182       GEAR M/S       X       X         14       21023       GEAR M/S 52T       X       X         15       14750       SNAP RING       X       X         16       19612       GEAR M/S 2ND SPEED 50T       X       X         16       19622       GEAR M/S 2ND SPEED 50T       X       X					×	×
14       21023       GEAR M/S 52T       ×       ×         15       14750       SNAP RING       ×       ×       ×         16       19612       GEAR M/S       2ND SPEED 50T       ×       ×       ×         16       19622       GEAR M/S 2ND SPEED 50T       ×       ×       ×				×		
15         14750         SNAP RING         X         X         X           16         19612         GEAR M/S         X         X         X           16         19622         GEAR M/S 2ND SPEED 50T         X         X         X					×	×
16         19612         GEAR M/S         ×         ×           16         19622         GEAR M/S 2ND SPEED 50T         ×         ×				×		
16         19622         GEAR M/S 2ND SPEED 50T         ×         ×						
					×	×
				×		
18 14711 WASHER S.6, 299-6, 350 MM ×						
19 14709 SLIDING CLUTCH ×						
19         16118         SLIDING CLUTCH         X         X					×	×

			DTO 116071	RT-11608	14608
FIG.	PART#	DESCRIPTION	RTO-11607L SERIES	SERIES	SERIES
20	14711	WASHER S.6, 299-6, 350 MM (WHITE)	×	×	×
20	14712	WASHER S.6, 426-6, 477 MM (GREEN)	×	×	×
20	14713	WASHER S.6, 553-6, 604 MM (ORANGE)	×	×	×
20	14714	WASHER S.6, 680-6, 731 MM (PURPLE)	×	×	×
20	14715	WASHER S.6, 807-6, 858 MM (YELLOW)	×	×	×
20	14716	WASHER S.6, 934-6, 985 MM (BLACK)	×	×	×
21	16135	SHIFT YOKE 2ND	×	×	×
22	X-14-1200	BALL	×	×	×
23	1634	PIN	×	×	×
24	19987	YOKE BAR	×		
24	16133	YOKE BAR		×	×
25	19177	GEAR M/S	×		
25	21024	GEAR M/S 1ST SPEED 60T		×	×
26	19082	GEAR M/S	×		
27	16288	STOP MAINSHAFT GEAR		×	×
28	14709	SLIDING CLUTCH	×		
28	16118	SLIDING CLUTCH		×	×
29	19809	REVERSE YOKE	×		
29	16131	REVERSE YOKE		×	×
30	19986	YOKE BAR	×		
30	16132	YOKE BAR		×	×
31	19790	PLUG	×		
32	19791	SPRING	×		
33	19838	SPRING	×		
34	19792	RETAINER	×		
35	19793	SNAP RING	×		
36	10019	PIN		×	×
37	6392	SPRING		×	×
38	8968	PLUG		×	×
39	19313	GEAR M/S	×		
39	16949	GEAR M/S 46T		×	×
40	S-1411	MAIN SHAFT ASSY	×		
40	S-1341	MAIN SHAFT ASSY 17T		×	×
41	A-3456	KEY & PIN ASSY	×		
42	62511	PIN	×		
42	62504	PIN 3X16		×	×
43	19314	KEY	×		
43	17109	KEY		×	×
45	15253	SNAP RING	×		
46	1309L	BEARING	×		
47	20085	SNAP RING	×		
47	19198	SNAP RING		×	×
		-			

FIG.	PART#	DESCRIPTION	RTO-11607L SERIES	RT-11608 SERIES	14608 SERIES
	X-7-1005		JERIES		
48		BOLT 5/8"		×	×
49	19548	LOCKING DISK		×	×
50	62511	PIN		×	×
51	1309L	BEARING		×	X
52	19548	LOCKING DISK		×	×
53	MS1309GEXR	BEARING		X	
53	207L	BEARING			×
54	20133	GEAR M/S	×		
54	21262	GEAR C/S 73T		×	×
55	14307	GEAR C/S LH (LEFT)	×		
55	14886	GEAR C/S LH (RIGHT)	×		
55	15953	GEAR C/S PTO 47T, LH PTO (LEFT)		×	X
55	20840	GEAR C/S PTO 45T, RH PTO (RIGHT)		×	×
56	19181	GEAR C/S	×		
56	21018	GEAR C/S 66T		×	×
57	19613	GEAR C/S	×		
57	21264	GEAR C/S 46T		×	×
_58	19178	GEAR C/S	×		
58	21025	GEAR C/S 1ST 39T		×	×
59	20134	COUNTERSHAFT	×		
60	16664	KEY	×		
60	19258	KEY		×	×
61	62511	PIN	×		
62	19197	SPACER		×	×
63	19550	COUNTERSHAFT		×	×
64	MU1308TV	BEARING	×	×	×
65	14317	SNAP RING	×	×	×
66	X-1-1008	NUT	×	×	×
67	14283	WASHER	×	×	×
68	14282	WASHER - (OLD)	×	×	×
68	4302982	WASHER - (NEW)	×	×	×
69	FWA1830	BEARING	×	×	×
70	16757	REVERSE GEAR 27T	×		
70	16953	REVERSE GEAR 29T		×	×
71	16403	WASHER	×		
71	19288	WASHER		×	×
72	16405	REVERSE GEAR PIN	×	×	×
73	16763	SNAP RING	×	×	×
74	16628	SNAP RING	×	×	×
75	118L	BEARING	×	×	×
76	16138	RETAINER RING	×	×	×
78		RETAINER RING	×	×	×
10	17453			~	^

FIG.	PART#	DESCRIPTION	RTO-11607L SERIES	RT-11608 SERIES	14608 SERIES
79	K-1787	AUX. DRIVE GEAR KIT 40T	SERIES ×	X	X
81	14897	SPRING	×	×	×
82	A-4938	SYNCHRONIZER RING	×	×	×
83	A-4956 16759	SLIDING CLUTCH - (OLD)	×	×	×
83	20323	SLIDING CLUTCH - (NEW)	×	×	×
84	A-4416	SYNCHRONIZER RING - (OLD)	X	×	×
84	A-4937	SYNCHRONIZER RING - (NEW)	×	×	×
85	16775	SHIFT YOKE	×	×	×
87	14347	GASKET	×	×	×
88	16778	CYLINDER	×	×	×
89	14765	O-RING	×	×	×
90	19652	YOKE BAR	X		×
90	16993	YOKE BAR		×	
92	14341	PISTON	×	×	×
93	14345	O-RING	×	×	×
94	14344	O-RING	×	×	×
95	14349	GASKET	×	×	×
96	X-1-1010	NUT	×	×	×
97	19690	CYLINDER COVER	×	×	×
98	19202	OUTPUT SHAFT	×		×
98	19281	OUTPUT SHAFT 18T		×	
99	14332	WASHER		×	
100	19203	SPACER	×		×
100	14331	SPACER		×	
101	19277	GEAR 42T	×		
101	19665	GEAR 48T		×	
101	19667	GEAR 48T			×
102	14327	SNAP RING		×	
103	16772	WASHER	×		×
103	19466	WASHER		×	
104	16337	WASHER S.4, 76 MM	×		×
105	22254	NUT	×	×	×
106	MR1307EL	BEARING D.80X35X21	×	×	×
107	A-4659	COUNTERSHAFT ASSY	×		
107	A-4727	COUNTERSHAFT ASSY		×	
107	A-4728	COUNTERSHAFT ASSY			×
108	1311L	BEARING	×		
108	1310L	BEARING		×	×
109	11364	SNAP RING	×		×
109	16723	SNAP RING		×	
110	14335	GASKET	×	×	×
				^	
111	S-1347		×	$\sim$	×
111	19469	COVER		×	I

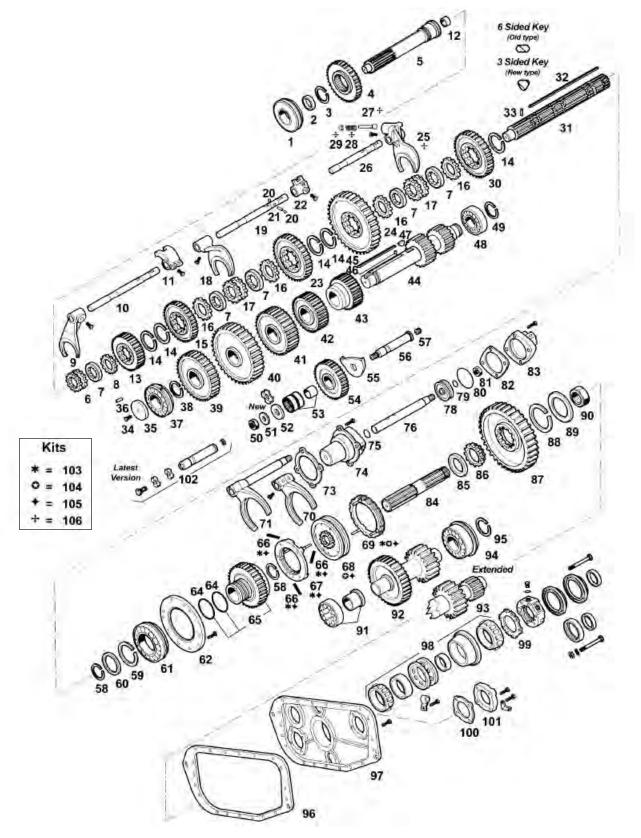
112	A2892	BEARING	×		×
112	A3071	BEARING	~	×	~
113	15532	GASKET	×	×	×
114	17386	GASKET	×		
114	17097	GASKET		×	
114	16784	GASKET			×
115	17252	COVER	×		
115	16724	COVER		×	
115	16770	COVER			×
116	20014	SHIFTING BLOCK	×		
116	14658	SHIFTING BLOCK		×	×
117	5202	PLUG	×	×	×
118	12817	YOKE-CLUTCH RELEASE	×	×	×
119	14494	PEDAL SHAFT	×	×	×
120	1983	PEDAL SHAFT	×	×	×
120	1984	PEDAL SHAFT	×	×	×
122	K-1945	SYNCHRONIZER KIT - (OLD)	×	×	×
122	K-1946	SYNCHRONIZER KIT - (NEW)	×	×	×
123	T20099	SYNCHRO CLUTCH ASSY - (NEW)	×	×	×
124	K-1947	SYNCHRO KIT W/SLIDING CLUTCH (OLD)	×	×	×
124	K-1948	SYNCHRO KIT W/SLIDING CLUTCH (NEW)	×	×	×
125	S-1219	YOKE ASSY		×	×

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# **FULLER<sup>®</sup> 9 SPEED**

RT8608L, RT"A"-11609, RTO "A"-11609, RTO "B"-11609, RTX "P/R"-11609, RT "A"-12609, RTO "A"/RTX P "/R", 12609, RTO "B"-12609, RT "A"-13609, RTX "A"-14609, RTO/RTX "A/B/P/R"-14609



#### FULLER® 9 SPEED

			100	SERIES	600,	11609	,'60g YR.,	120.00	600,	<sup>-12609</sup>	` <sup>2609</sup>			RTO "4609 AB", 148", 1460
FIG.	PART#	DESCRIPTION	7,860	27.4	ZO,	l TO'B	1. T.	۲ <sup>۲</sup> , ۶	20 20	220 22	۲ <sup>۲</sup> ک		ري ۲	SZ SZ
1	212SLV	BEARING	<b>√</b> ×	• <b>~</b>	×	•• ×	<b>∝</b>   ×	×	<b>€</b> ×	×	×	×	<b>~</b> ≺	×
2	16463	SPACER	×	×		×	×	X	×	×	×	×	×	x
3	14750	SNAP RING	×	×		×	×	×	x	×	×	×	×	×
4	21026	GEAR MAIN DRIVE	×											
4	20458	GEAR MAIN DRIVE 48T		×				×			×		×	
4	20458	GEAR MAIN DRIVE 58T		^	×									
	21021					×	×							
4		GEAR MAIN DRIVE 52T							~					
4	21021	GEAR MAIN DRIVE 58T							×					
4	22028	GEAR MAIN DRIVE 58T							×					
4	21019	GEAR MAIN DRIVE 52T								×				
4	22959	GEAR MAIN DRIVE								×				
4	22028	GEAR MAIN DRIVE 58T										×		
4	22961	GEAR MAIN DRIVE 52T										×		
4	21021	GEAR MAIN DRIVE 58T												×
4	22028	GEAR MAIN DRIVE 58T												×
4	21019	GEAR MAIN DRIVE 52T												×
4	22961	GEAR MAIN DRIVE 52T												×
_5	INPUT SH	IAFTS (SEE PGS. 320-322)												
6	16118	SLIDING CLUTCH	×	×	×	×	×	×			×		×	
6	16118	SLIDING CLUTCH							×	×				×
6	22026	SLIDING CLUTCH							×	×				×
6	22026	SLIDING CLUTCH										×		
7	14711	WASHER S.6, 299-6,	×	×	×	×	×	×	×	×	×	×	×	×
		350 MM (WHITE-OLD)												
7	14712	WASHER S.6, 426-6	×	×	×	×	×	×	×	×	×	×	×	×
		477 MM (GREEN-OLD)												
7	14713	WASHER S.6, 553-6,	×	×	×	×	×	×	×	×	×	×	×	×
		604 MM (ORANGE-OLD)												
7	14714	WASHER S.6, 680-6,	×	×	×	×	×	×	×	×	×	×	×	×
		731 MM (PURPLE-OLD)												
7	14715	WASHER S.6, 807-6,	×	×	×	×	×	×	×	×	×	×	×	×
		858 MM (YELLOW-OLD)												
7	14716	WASHER S.6, 934-6,	×	×	×	×	×	×	×	×	×	×	×	×
		985 MM (BLACK-OLD)												
7	4300830	WASHER (BLUE-NEW)							×		×	×	×	×
7	4300382	WASHER (WHITE-NEW)							×		×	×	×	×
7	4300383	WASHER (GREEN-NEW)							×		×	×	×	×
Ľ.	100000				I		I			I				

				ERIES	ŝ	609	609	11609	60	60g	5609	60	برجل	00 , , , , , , , , , , , , , , , , , , ,
FIG.	PART#	DESCRIPTION	7.86081	V'A " 110	70'A	10"B"		7 4 .73	م ک ک ک	70 <sup>6</sup> 8	7" "7" "4",7"	17. "Ale		RTO <sup>4609</sup>
			&	4	~	<u>~</u>	<u>~</u>	æ	& 	4	<i>4</i> ~	<i>&amp;</i> ∼	<i>&amp;</i>	×
7	4300384	WASHER (ORANGE-NEW)							×		×	×	×	
7	4300385	WASHER (PURPLE-NEW)							× ×		×		× ×	× ×
7 7	4300386	WASHER (YELLOW-NEW)							×		×			
	4300387	WASHER (BLACK-NEW)	X					X	X		×	×	×	×
8	14749	SPACER	×	×	×	×	×	×	~		×		×	
8	14749	SPACER							×	×				X
8	22032	SPACER							×	×				×
8	22032	SPACER						~	~			×		
9	16136	SHIFT YOKE (RTMODELS)	×	×	×	×		×	×	×	×		×	×
9	20450	SHIFT YOKE (RTX MODELS)					×		×	.,		×		×
10	16134	YOKE BAR (RT MODELS)	×	×	×	×		×	×	×	×		×	×
10	18928	YOKE BAR (RTX MODELS)					×		×			×		X
11	14659	SHIFTING BLOCK	×	×	×	×		×	×	×	×		×	×
		(RT MODELS)												
11	19063	SHIFTING BLOCK					×		×			×		×
		(RTX MODELS)												
12	16566	BUSHING	×	×	×	×	×	×	×	×	×	×	×	×
13	21023	GEAR M/S 52T	×											
13	20391	GEAR M/S 3RD 58T		×				×			×		×	
13	19632	GEAR M/S 48T			×									
13	21261	GEAR M/S 42T				×								
13	21496	GEAR M/S 46T					×							
13	22784	GEAR M/S					×							
13	19632	GEAR M/S 48T							×					
13	22027	GEAR M/S 48T							×					
13	21496	GEAR M/S 46T							×					
13	22962	GEAR M/S							×					
13	22743	GEAR M/S							×					
13	23014	GEAR M/S							×					
13	21261	GEAR M/S 42T								×				
13	23102	GEAR M/S 42T								×				
13	22031	GEAR M/S 48T										×		
13	23102	GEAR M/S 42T										×		
13	22963	GEAR M/S										×		
13	23018	GEAR M/S										×		
13	19632	GEAR M/S 48T												×

			8608	ب ک	, , , ,	Â, Ô	RTX "PTR.,	, <b>Ť</b>	يْجَ رَ	<i>.</i> 0	, <b>Ť</b>	ج بھ	بې	ج م
IG.	PART#	DESCRIPTION	A7.	AY	RY	AT	AL Y	47	RIC	AA	A7	A7	AT	AT
3	22031	GEAR M/S 48T												×
13	21261	GEAR M/S 42T												×
13	4300190	GEAR M/S 42T												×
13	21496	GEAR M/S 46T												×
13	22963	GEAR M/S												×
13	23018	GEAR M/S												×
14	14750	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
15	19622	GEAR M/S 2ND SPD 50T	×											
15	20390	GEAR M/S 2ND 56T		×	×			×			×		×	
15	19622	GEAR M/S 2ND SPD 50T				×				×				
15	21498	GEAR M/S					×							
15	20390	GEAR M/S 2ND 56T "A"							×					
15	21498	GEAR M/S "P/R"							×					
15	20390	GEAR M/S 2ND 56T "A"										×		×
15	19622	GEAR M/S 2ND SPD 50T										×		×
		"B"												
15	21498	GEAR M/S "P/R"										×		×
16	14749	SPACER	×	×	×	×	×	×	×	×	×	×	×	×
17	16118	SLIDING CLUTCH	×	×	×	×	×	×	×	×	×	×	×	×
18	16135	SHIFT YOKE 2ND	×	×	×	×		×	×	×	×		×	×
		RT MODELS												
18	18922	SHIFT YOKE					×		×			×		×
		RTX MODELS												
19	16133	YOKE BAR	×	×	×	×		×	×	×	×		×	×
		RT MODELS												
19	18927	YOKE BAR					×		×			×		×
		RTX MODELS												
20	X-14-1200	BALL	×	×	×	×	×	×	×	×	×	×	×	×
21	1634	PIN	×	×	×	×	×	×	×	×	×	×	×	×
22	14658	SHIFTING BLOCK	×	×	×	×	×	×	×	×	×	×	×	×
23	21024	GEAR M/S 1ST SPD 60T	×			×				×				
23	20389	GEAR M/S 1ST SPD 60T		×	×			×			×		×	
23	21500	GEAR M/S					×							
23	22778	GEAR M/S 1ST SPD					×							
23	20389	GEAR M/S 1ST 60T "A"							×					
23	21500	GEAR M/S "R/P"							×					
23	20389	GEAR M/S 1ST 60T "A"										×		

				SERIES	60	609	1609	.11609	609	2609	72609	609	all a	RTO '4609
FIG.	PART#	DESCRIPTION	7.86081	T'A"	No. A	70' <sub>8'</sub> ,		۲ <sup>.</sup> ک		<sup>1</sup> , <sup>4</sup> , <sup>1</sup>	7 4 7	بلا <sup>ت</sup> اریخ	7 <sup>6</sup> 4 <sup>1</sup> 1	70 <sup>5</sup> 4/8
			<i>&amp;</i>	<i>&amp;</i>	æ	&	<i>&amp;</i>	&	<u>ح</u>	<i>&amp;</i>	<i>&amp;</i>	<b>&amp;</b>	<i>&amp;</i>	<i>&amp;</i>
23	21024	GEAR M/S 1ST 60T "B"										×		
23	22774	GEAR M/S "P/R"										×		
23	20389	GEAR M/S 1ST 60T "A"												×
23	21024	GEAR M/S 1ST 60T "B"												×
23	22774	GEAR M/S "P/R"												×
24	16754	GEAR M/S LOW 44T	×	×	X	×		×	X	×	×		×	
24	16754	GEAR M/S LOW 44T					×							
24	22780	GEAR M/S LOW					×							
24	16754	GEAR M/S LOW 44T "A/B"										×		
24	22776	GEAR M/S "P/R"										×		
24	16754	GEAR M/S LOW 44T "A/B"												×
24	22776	GEAR M/S "P/R"												×
25	16131	REVERSE YOKE	×	×	×	×	×	×	×	×	×	×	×	×
26	16132	YOKE BAR - RT MODELS	×	×	×	×		×	×	×	×		×	×
26	18926	YOKE BAR - RTX MODELS					×		×			×		×
27	10019	PIN	×	×	×	×	×	×	×	×	×	×	×	×
28	6392	SPRING	×	×	×	×	×	×	×	×	×	×	×	×
29	8968	PLUG	×	×	×	×	×	×	×	×	×	×	×	×
30	16756	REVERSE GEAR M/S 46T	×	×	×	×	×	×	×	×	×	×	×	×
31	S-1341	MAIN SHAFT ASSY 17T	×	×	×	×	×	×	×	×				
31	S-2120	MAIN SHAFT ASSY 17T									×	×	×	×
32	17109	KEY - (OLD)	×	×	×	×	×	×	×	×	×	×	×	×
32	4300120	KEY - (NEW)							×		×	×	×	×
33	62504	PIN 3X16	×	×	×	×	×	×	×	×	×	×	×	×
34	X-7-1005	BOLT	×	×	×	×	×	×	×	×	×	×	×	×
35	19668	LOCKING DISK	×	×		×								
35	19548	LOCKING DISK			×	×	×		×	×	×	×	×	×
36	62511	PIN	×	×	×	×	×	×	×	×	×	×	×	×
37		XR BEARING	×		×	×	x		×	x	×	×	×	x
37	1309L	BEARING		×				×						
38	19198	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
39	21262	GEAR C/S 73T	×		~									
39 39	20459	GEAR C/S 69T		×				×			×		×	
39 39	20459	GEAR C/S 691 GEAR C/S 62T			×				×					
					~	$\sim$	$\checkmark$			~				
39	21018	GEAR C/S 66T				×	×			×				

				SERIE	609	7609	7609	~1760	5609	<sup>72609</sup>	'2609	609	id did	460g
ĪG.	PART#	DESCRIPTION	ر کتر 860,	27"A"				RT "4" 11609	, o,	770 B	27 <sup>6</sup> 4 <sup>5</sup> ,1		۲۲ نم <sup>ت</sup> ر ا	
39	21020	GEAR C/S 62T "A/P/R"	<b>~</b>	<u> </u>	<u> </u>	<u> </u>	×	~	~	~	<u> </u>	<b>~</b> │ ×	<u>~</u>	<u>~</u>
39	21018	GEAR C/S 66T "B"										×		
39	21010	GEAR C/S 62T "A/P/R"												×
39	21018	GEAR C/S 66T "B"												×
40	15953	GEAR C/S PTO 47T LH	×	×	×	×	×	×	×	×	×	×	×	×
40	15555	PTO (LEFT)					^	^						
40	20840	GEAR C/S PTO 45T RH	×	×	×	×	×	×	×	×	×	×	×	×
40	20040	PTO (RIGHT)						^						
41	21018	GEAR C/S 66T	×											
41 41	21018	GEAR C/S 62T		×				×			×		×	
41 41	20459	GEAR C/S 69T			×			^						
41	20439	GEAR C/S 73T				×				×				
41	21202	GEAR C/S 59T "P"					×							
	21497													
41		GEAR C/S "R"					×							
41	20459	GEAR C/S 69T "A"							X					
41	21497	GEAR C/S 59T "P"							×					
41	22744	GEAR C/S "R"							×					
41	20459	GEAR C/S 69T "A"										×		
41	21262	GEAR C/S 73T "B"										×		
41	21497	GEAR C/S 59T "P"										×		
41	22744	GEAR C/S "R"										×		
41	20459	GEAR C/S 69T "A"												×
41	4300191	GEAR C/S 73T "B"												×
41	21497	GEAR C/S 59T "P"												×
41	22744	GEAR C/S "R"												×
42	21264	GEAR C/S 46T	×			×	×			×				
42	20482	GEAR C/S 2ND 44T		×	×			×			×		×	
42	20482	GEAR C/S 2ND 44T "A"							×					
42	21499	GEAR C/S 41T "P/R"							×					
42	20482	GEAR C/S 2ND 44T "A"										×		<u> </u>
42	21264	GEAR C/S 46T "B"										×		
42	21499	GEAR C/S 41T "P/R"										×		
42	20482	GEAR C/S 2ND 44T "A"												×
42	21264	GEAR C/S 46T "B"												×
42	21499	GEAR C/S 41T "P/R"												×
			1											

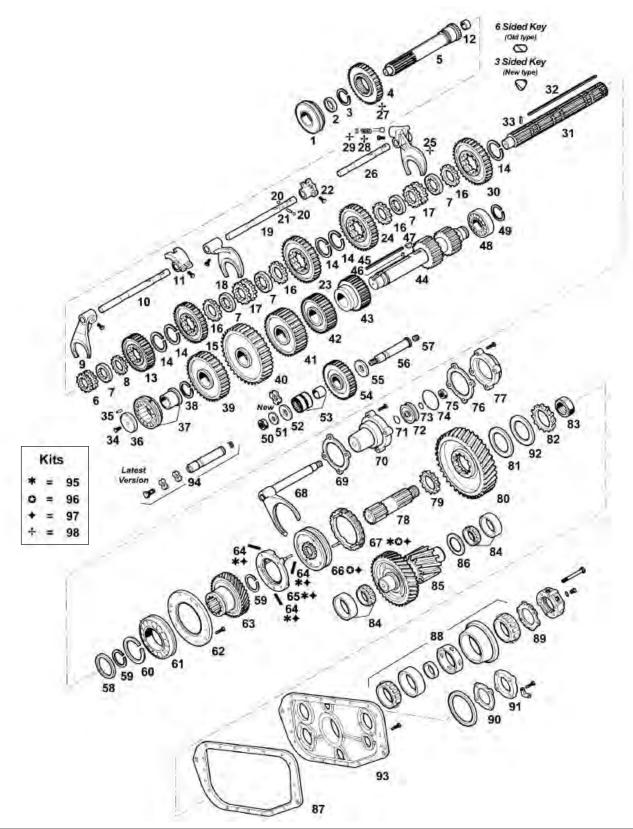
				SERIES	609	1609	11609	1160g	<sup>260</sup> 9	12609	72609	<sup>360</sup> 9	, Ald	460g
FIG.	PART#	DESCRIPTION	RT.8602.	Rright	RTO'A'	RTO'B,	RTX "P	R7 'A"	R70 "4"	RTO "B"	R7 "A",	RIT "AM	RT "A".	RTO '4609
43	21025	GEAR C/S 1ST 39T	×			×				×				
43	20471	GEAR C/S 1ST 35T		×	×			×			×		×	
43	21501	GEAR C/S					×							
43	22779	GEAR C/S					×							
43	20471	GEAR C/S 1ST 35T "A"							×					
43	21501	GEAR C/S "P/R"							×					
43	20471	GEAR C/S 1ST 35T "A"										×		
43	21025	GEAR C/S 1ST 39T "B"										×		
43	22775	GEAR C/S "P/R"										×		
43	20471	GEAR C/S 1ST 35T "A"												×
43	21025	GEAR C/S 1ST 39T "B"												×
43	22775	GEAR C/S "P/R"												×
44	19549	COUNTERSHAFT 17T	×	×	×	×		×	×	×	×		×	
14	K-2934	COUNTERSHAFT KIT	×	×	×	×		×	×	×	×		×	
14	19549	COUNTERSHAFT 17T					×							
14	K-2934	COUNTERSHAFT KIT					×							
44	22777	COUNTERSHAFT					×							
44	K-2953	COUNTERSHAFT KIT					×							
44	19549	COUNTERSHAFT 17T "A/B"										×		
44	K-2934	COUNTERSHAFT KIT										×		
14	22777	COUNTERSHAFT 'P/R"										×		
44	K-2953	COUNTERSHAFT KIT										×		
		W/KEYS P/R												
44	19549	COUNTERSHAFT 17T "A/B"												×
14	K-2934	COUNTERSHAFT KIT												×
		W/KEYS A/B												
44	22777	COUNTERSHAFT "P/R"												×
44	K-2953	COUNTERSHAFT KIT												×
		W/KEYS P/R												
45	19673	KEY	×	×	×	×	×	×	×	×	×	×	×	×
46	62511	PIN	X	×	×	×	×	×	×	×	×	×	×	×
40 47	X-6-3	KEY	×	×	×	×	×	×	×	×	×	×	×	×
48	MU1308TV		×	×	×	×	×	×	×	×	×	×	×	×
49	14317	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
<del>-</del> 50	X-1-1008		×	×	×	×	×	×	×	×	×	×	×	×
50 51	14283	WASHER	×	×	×	×	×	×	×	×	×	×	×	×

				ERIES	ő	603	609	11609	60	603	609	ő	۲	80
			7.8600.	7.4", S	<sup>7</sup> 0'4 ,	70",B"	11. X "PIN"	ت. ۲ کر بر	RTO "12609	70 'B''	7 'A'''	74, <sup>136</sup>	7 'A''	70 " <u>4</u> "
FIG.		DESCRIPTION	\$	~	~	~	~	<u>ح</u>	<u> </u>	<u>&amp;</u>	~	~	<u></u>	<u>ح</u>
52	14282	WASHER - (OLD)	×	×	×	×	×	×	×	×	×	×	×	×
52	4302982	WASHER - (NEW)	×	×	×	×	×	×	×	×	×	×	×	×
53	FWA1830	BEARING	×	×	×	×	×	×	×	×	×	×	×	×
54	16757	REVERSE GEAR 27T	×	×	×	×	×	×	×	×	×	×	×	×
55	16403	WASHER	×	×	×	×	×	×	×	×	×	×	×	×
56	16405	REVERSE GEAR PIN	×	×	×	×	×	×	×	×	×	×	×	×
57	5202	PLUG	×	×	×	×	×	×	×	×	×	×	×	×
58	16763	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
59	16628	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
60	21320	SNAP RING RETAINER									×	×	×	×
61	118L	BEARING	×	×	×	×	×	×	×	×	×	×	×	×
62	16138	RETAINER RING	×	×	×	×	×	×	×	×	×	×	×	×
64	17453	RETAINER RING	×	×	×	×	×	×	×	×	×	×	×	×
65	K-1787	AUX. DRIVE GEAR KIT 40T		×	×			×						
65	K-1786	AUX. DRIVE GEAR KIT 42T							×					
65	K-1786	AUX. DRIVE GEAR KIT							×					
		42T "A"												
66	14897	SPRING	×	×	×	×	×	×	×	×	×	×	×	×
67	A-4938	SYNCHRONIZER RING	×	×	×	×	×	×	×	×	×	×	×	×
68	16759	SLIDING CLUTCH - (OLD)	×	×	×	×	×	×	×	×	×	×	×	×
68	20323	SLIDING CLUTCH - (NEW)	×	×	×	×	×	×	×	×	×	×	×	×
69	A-4416	SYNCHRONIZER RING -	×	×	×	×	×	×	×	×	×	×	×	×
		(OLD)												
69	A-4937	SYNCHRONIZER RING -	×	×	×	×	×	×	×	×	×	×	×	×
		(NEW)	. •											
70	16775	SHIFT YOKE	×	×	×	×	×	×	×	×	×	×	×	×
70	22823	SHIFT YOKE	×	×	×			x	x	×	x	×	×	×
71	A-6162	SHIFT YOKE ASSY									×	×		
71	A-6160	SHIFT YOKE ASSY											×	×
73	14347	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
73 74	16778	CYLINDER	×	×	×	×	×	×	×	×		×	×	×
74 75	14765	O-RING	×	×	×	×	×	×	×	×	×	×	×	×
76 76	16993	YOKE BAR	X	×	×	×	×	×	×	×	×	×		
76 70	16773	YOKE BAR											×	×
78	14341	PISTON	×	×	×	×	×	×	×	×	×	×	×	×

				RT'A" SERIES	<sup>776</sup> 09	-11609	11609	14"-1160g	<sup>-12609</sup>	1,,12609	s"~12609	` <sup>73609</sup>	VB/P/P.	RTO "4609
FIG.	PART#	DESCRIPTION	د در ا	PT. 4	, Ó LÓ	70 <sup>%</sup>		37			37 <sup>2</sup>		47	
79	14345	O-RING	×	$\mathbf{X}$	×	×	×	×	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	×	×	×	×	×
80	14344	O-RING	×	×	×	×	×	×	×	×	×	×	×	x
81	X-1-1010	NUT	×	×	×	×	×	×	×	×	×	×	×	x
82	14349	GASKET	×	×	×	×	×	×	×	×	×	×	×	x
83	19690	CYLINDER COVER	×	×	×	×	×	×	×	×	×	×	×	×
84	19281	OUTPUT SHAFT 18T	×	×	×	×	×							
84	20472	OUTPUT SHAFT						×	×	×	×	×		
84	19202	OUTPUT SHAFT											×	×
85	14332	WASHER	×	×	×	×	×	×	×	×	×	×		
86	14331	SPACER	×	×	×	×	×	×	×	×	×	×		
86	19203	SPACER											×	×
87	19665	GEAR 48T	×			×	×							
87	19165	GEAR 42T		×	×									
87	20475	GEAR 42T						×						
37	20475	GEAR 42T "A"							×					
37	20932	GEAR 48T "B/P/R"							×	×				
37	4300318	GEAR									×			
87	4300318	GEAR "A"										×		
37	4300325	GEAR "B/P/R"										×		
37	19277	GEAR 42T											×	
37	19277	GEAR 42T "A"												×
37	19667	GEAR 48T "B/P/R"												×
38	14327	SNAP RING	×	×	×	×	×	×	×	×	×	×		
39	19466	WASHER	×	×	×	×	×	×	×	×	×	×		
39	16772	WASHER											×	×
90	22254	NUT	×	×	×	×	×	×	×	×	×	×	×	×
91	MR1307EL	BEARING D.80X35X21	×	×	×	×	×	×	×	×	×	×	×	×
92	A-4727	COUNTERSHAFT ASSY	×		×	×								
92	A-4722	COUNTERSHAFT ASSY		×	×									
92	A-4976	COUNTERSHAFT ASSY						×						
92	A-4976	COUNTERSHAFT ASSY"A"							×					
92	A-5051	COUNTERSHAFT ASSY							×	×				
		"B/P/R"												
92	A-5736	COUNTERSHAFT ASSY									×			
92	A-5736	COUNTERSHAFT ASSY"A"										×		
92	A-5735	COUNTERSHAFT ASSY										×		
		"B/P/R"												

			08,	14	4, 'c		, a		27	ר ג ג				. 74
FIG.	PART#	DESCRIPTION	R7.86	R	Å Å	RTO,	4X4	R7	670	RTO	R7	t'y	RT "ABPR"	RTO
92	A-4723	COUNTERSHAFT ASSY						-					×	
92	A-4723	COUNTERSHAFT ASSY"A"												×
92	A-4728	COUNTERSHAFT ASSY												×
		"B/P/R"												
93	A-4799	COUNTERSHAFT ASSY	×			×	×							
93	A-4794	COUNTERSHAFT ASSY		×	×									
		51/15T											L	
93	A-4791	COUNTERSHAFT ASSY											×	
93	A-4791	COUNTERSHAFT ASSY"A"												×
94	1310L	BEARING	×	×	×	×	×	×	×	×				
94	1310SVL	BEARING									×	×		
94	1311L	BEARING											×	×
95	16723	SNAP RING	×	×	×	×	×	×	×	×	×	×	<u> </u>	
95	11364	SNAP RING											×	×
96	14335	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
97	19469	COVER	×	×	×	×	×	×	×	×	×	×		
97	S-1347	COVER											×	×
98	A3071	BEARING	×	×	×	×	×	×	×	×	×	×		
98	A2892	BEARING											×	×
99	15532	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
100	17097	GASKET	×	×	×	×	×	×	×	×	×	×		
100	16784	GASKET											×	×
101	16724	COVER	×	×	×	×	×	×	×	×	×	×		
101	16770	COVER											×	×
102	K-3209	IDLER SHAFT REPL. KIT	×	×	×	×	×	×	×	×	×	×	×	×
103	K-1945	SYNCHRONIZER KIT-(OLD)	×	×	×	×	×	×	×	×	×	×	×	×
103	K-1946	SYNCHRONIZER KIT-(NEW)	×	×	×	×	×	×	×	×	×	×	×	×
104	T20099	SYNCHRO CLUTCH ASSY	×	×	×	×	×	×	×	×	×	×	×	×
		NEW												
105	K-1947	SYNCHRO KIT W/SLIDING	×	×	×	×	×	×	×	×	×	×	×	×
		CLUTCH (OLD)											L	
105	K-1948	SYNCHRO KIT W/SLIDING	×	×	×	×	×	×	×	×	×	×	×	×
		CLUTCH (NEW)												
106	S-1219	YOKE ASSY	×	×	×	×	×	×	×	×	×	×	×	×

RT "A-H"-11709, RTO/RTX "A"-11709, RTO/RTX "B"-11709, RTX "H"-11709, RT "A-H"-12709, RTO-RTX "A"-12709, RTO-RTX "B"-12709, RTX "H"-12709, RT "H"-13709, RTX "H"-13709, RT "A-H"-14709, RTO/RTX "A"-14709, RTO/RTX "B"-14709, RTX "H"-14709, RTX "B-H"-16709



				502	4", 1720, 2"	6240 60/2	5203	4, 1270 8, 1270	200	8	60	602\$	4. 1470	8"-1470 4709
	DADT	DECODIDEION	Rright	TO/PT	RIORIX"4", 1709	RT: 4-4:	RTO.RTY	RTORIX"B" 12709	RT"H"-12709	RTX"H".	RT.,4-H.,	TOMPT'	RTO/RTX "14709	R1X", B"14709
	212SLV	DESCRIPTION BEARING	<b>&amp;</b> ×	<b>&amp;</b> ⊥ ×	& & ×	& ×	& ×	& & ×	<i>&amp;</i> − ×	<b>&amp;</b>	&-	& ×	<b>₹</b> ₹   ×	<b>₹</b> ×
2	16463	SPACER	×	×	×	×	×	×	×	×	×	×		×
3	14750	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
4	20458	GEAR MAIN DRIVE 48T	×			×			×		×			
4	22028	GEAR MAIN DRIVE 58T		×			×					×		
4	22959	GEAR MAIN DRIVE			×			×						
4	22961	GEAR MAIN DRIVE 52T								×			×	
4	4300238	GEAR MAIN DRIVE 52T												×
5	INPUT SH	AFTS (SEE PGS. 320-322)												
6	16118	SLIDING CLUTCH	×			×			×		×			
6	22026	SLIDING CLUTCH		×	×		×	×		×		×	×	×
7	14711	WASHER S.6, 299-6, 350 MM (WHITE-OLD)	×	×	×	×	×	×	×	×	×	×	×	×
7	14712	WASHER S.6, 426-6, 477 MM (GREEN-OLD)	×	×	×	×	×	×	×	×	×	×	×	×
7	14713	WASHER S.6, 553-6, 604 MM (ORANGE-OLD)	×	×	×	×	×	×	×	х	×	×	×	×
7	14714	WASHER S.6, 680-6 731 MM (PURPLE-OLD)	×	×	×	×	×	×	×	×	×	×	×	×
7	14715	WASHER S.6, 807-6, 858 MM (YELLOW-OLD)	×	×	×	×	×	×	×	×	×	×	×	×
7	14716	WASHER S.6, 934-6, 985 MM (BLACK-OLD)	×	×	×	×	×	×	×	×	×	×	×	×
7	4300830	WASHER (BLUE-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
7	4300382	WASHER (WHITE-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
7	4300383	WASHER (GREEN-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
7	4300384	WASHER (ORANGE-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
7		WASHER (PURPLE-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
7	4300386	WASHER (YELLOW-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
	4300387	WASHER (BLACK-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
			×			×			×		×			
8	14749	SPACER	^	~		^	~					~		~
8	22032			X	×		X	×		×		×	X	×
9 9	16136 20450	SHIFT YOKE (RT MODELS) SHIFT YOKE(RTX MODELS)	×	× ×	× ×	×	××	× ×	×	×	×	× ×	× ×	×

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				1709	<pre></pre>	5209	RTO.RTY.,	<pre></pre>	6025,602	60	60	60/4	RTORTY "14709	R1X"B.L.
FIG.	. PART#	DESCRIPTION	RT.A.H.	RTORTY.	RTORTY RTX WIX	RT"A-4"	RTO. RTY.	RTORTY.	RT"H"-12709	N.Y.H.XIA	R7"4-H"	RTONPT.	RTORTY RTV	RTX"BL
10	16134	YOKE BAR (RT MODELS)	×	×	×	×	×	×	×	-	×	×	×	
10	18928	YOKE BAR (RTX MODELS)		×	×		×	×		×		×	×	×
11	14659	SHIFTING BLOCK (RT MODELS)	×	×	×	×	×	×	×		×	×	×	
11	19063	SHIFTING BLOCK (RTX MODELS)		×	×		×	×		×		×	×	×
12	16566	BUSHING	×	×	×	×	×	×	×	×	×	×	×	×
13	20391	GEAR M/S 3RD 58T	×			×			×		×			
13	22027	GEAR M/S 48T		×			×							
13	23102	GEAR M/S 42T			×			×		×				
13	22031	GEAR M/S 48T											×	
13	4300190	GEAR M/S 42T											×	×
14	14750	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
15	20390	GEAR M/S 2ND 56T	×	×		×	×		×		×	×		
15	19622	GEAR M/S 2ND SPD 50T			×			×		×			×	
15	4300246	GEAR M/S												×
16	14749	SPACER	×	×	×	×	×	×	×	×	×	×	×	×
17	16118	SLIDING CLUTCH	×	×	×	×	×	×	×	×	×	×	×	×
18	16135	SHIFT YOKE 2ND (RT MODELS)	×	×	×	×	×	×	×		×	×	×	
18	18922	SHIFT YOKE (RTX MODELS)		×	×		×	×		×		×	×	×
19	16133	YOKE BAR (RT MODELS)	×	×	×	×	×	×	×		×	×	×	
19	18927	YOKE BAR (RTX MODELS)		×	×		×	×		×		×	×	×
20	X-14-1200	BALL	×	×	×	×	×	×	×	×	×	×	×	×
21	1634	PIN	×	×	×	×	×	×	×	×	×	×	×	×
22	14658	SHIFTING BLOCK	×	×	×	×	×	×	×	×	×	×	×	×
23	20389	GEAR M/S 1ST 60T "A"	×			×					×			
23	4300064	GEAR M/S "H"	×			×					×			
23	20389	GEAR M/S 1ST 60T		×			×					×		
23	4300064	GEAR M/S							×					
23	21024	GEAR M/S 1ST SPD 60T			×			×		×			×	
23	4300240	GEAR M/S 60T												×
04	16754	GEAR M/S LOW 44T	×	×		×	×		×		×	×		

				S	11709	802 1.00	8	12709	80, <sup>6</sup> 0	_	ల్ల	60	14709	02 60 01 420°C
			Rrid H	RTO/RTX.	RTORTX"8"7709	RT"A-H"-12709	RTO.RTY"	<pre></pre>	4"-1370	R1X"H" 73-	4- <i>H</i> ", 1,	RIO/R1X., 200	RTORTX "B", 74709	R1X"B.L.
IG	. PART#	DESCRIPTION	A À	RTO.	274	R	RTO	274	R	KY	R	RTO	87. 97.4	AX A
24	16754	GEAR M/S LOW 44T "B"			×			×					×	
24	4300033	GEAR M/S 46T "H"			×			×					×	
24	4300033	GEAR M/S 46T								×				
24	21502	GEAR M/S 44T "B"												×
24	4300242	GEAR M/S "H"												×
25	16131	REVERSE YOKE	×	×	×	×	×	×	×	×	×	×	×	×
26	16132	YOKE BAR (RT MODELS)	×	×	×	×	×	×	×		×	×	×	
26	18926	YOKE BAR (RTX MODELS)		×	×		×	×		×		×	×	×
27	10019	PIN	×	×	×	×	×	×	×	×	×	×	×	×
28	6392	SPRING	×	×	×	×	×	×	×	×	×	×	×	×
29	8968	PLUG	×	×	×	×	×	×	×	×	×	×	×	×
30	16756	REVERSE GEAR M/S 46T	×	×		×	×		×		×	×		
30	16756	REVERSE GEAR M/S "B" 46T "B"			×			×					×	×
30	23653	REVERSE GEAR "H"			×			×					×	×
30	23653	REVERSE GEAR								×				
31	S-2120	MAIN SHAFT ASSY 17T	×	×	×	×	×	×	×	×	×	×	×	×
32	21326	KEY - (OLD)	×	×	×	×	×	×	×	×	×	×	×	×
32	4300890	KEY - (NEW)	×	×	×	×	×	×	×	×	×	×	×	×
33	62504	PIN 3X16	×	×	×	×	×	×	×	×	×	×	×	×
34	X-7-1005	BOLT 5/8"	×	×	×	×	×	×	×	×	×	×	×	×
35	62511	PIN	×	×	×	×	×	×	×	×	×	×	×	×
36	19668	LOCKING DISK	×			×								
36	19548	LOCKING DISK		×	×		×	×	×	×	×	×	×	×
37	1309L	BEARING	×			×								
37	MS1309GEX	r BEARING		×	×		×	×	×	×	×	×	×	×
38	19198	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
39	20459	GEAR C/S 69T	×			×			×		×			
39	21020	GEAR C/S 62T		×			×					×		
39	21018	GEAR C/S 66T			×			×		×			×	×
40	15953	GEAR C/S PTO 47T LH PTO (LEFT)	×	×	×	×	×	×	×	×	×	×	×	×
40	20840	GEAR C/S PTO 45T RH PTO (RIGHT)	×	×	×	×	×	×	×	×	×	×	×	×

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				601	", 17209	502,602	60×	12709	60/~ <sup>60</sup> ~	ø	<i>6</i> 0	60<	14709	R1X"B.L.
FIG	. PART#	DESCRIPTION	RTAHIN	RTORTE	RTORIX"4", 17709 RTX "H", B"	RT"A-4"	RTO-RIX	RTO,RTX",B",12709 RTX"H", "B", 13	RT"H" 13-	RTX"H", 109	RT",4-4"	RTORY	RTORY "14709	R1X"B.41
41	21020	GEAR C/S 62T	×			×			×		×			
41	20459	GEAR C/S 69T		×			×							
41	21262	GEAR C/S 73T			×			×						
41	4300191	GEAR C/S 73T								×			×	×
41	20459	GEAR C/S 69T										×		
42	20482	GEAR C/S 2ND 44T	×	×		×	×		×		×	×		
42	21264	GEAR C/S 46T			×			×		×			×	
42	4300247	GEAR C/S												×
43	20471	GEAR C/S 1ST 35T "A"	×			×					×			
43	4300065	GEAR C/S "H"	×			×					×			
43	20471	GEAR C/S 1ST 35T		×			×					×		
43	21025	GEAR C/S 1ST 39T			×			×		×			×	
43	4300065	GEAR C/S							×					
43	4300241	GEAR C/S 39T												×
44	19549	COUNTERSHAFT 17T	×	×		×	×		×		×	×		
44	K-2934	COUNTERSHAFT KIT W/KEYS	×	×		×	×		×		×	×		
44	19549	COUNTERSHAFT 17T "B"			×			×						×
44	K-2934	COUNTERSHAFT KIT W/KEYS "B"			×			×						×
44	K-2956	COUNTERSHAFT KIT "H"			×			×						×
44	K-2956	COUNTERSHAFT KIT								×				
44	K-2937	COUNTERSHAFT KIT "B"												×
44	K-2958	COUNTERSHAFT KIT "H"												×
45	19673	KEY	×	×	×	×	×	×	×	×	×	×	×	×
46	62511	PIN	×	×	×	×	×	×	×	×	×	×	×	×
47	X-6-3	KEY	×	×	×	×	×	×	×	×	×	×	×	×
48	MU1308T	V BEARING	×	×	×	×	×	×	×	×	×	×	×	×
49	14317	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
50	X-1-1008	NUT	×	×	×	×	×	×	×	×	×	×	×	×
	14283	WASHER	×	×	×	×	×	×	×	×	×	×	×	×
	14282	WASHER - (OLD)	×	×	×	×	×	×	×	×	×	×	×	×
	4302982		×	×	×	×	×	×	×	×	×	×	×	×

			,	60/1	4~1770. 3~1170.	5200	60 200	9,122	602	S .	60/1	6024	4"-1470	4709 1476
G	. PART#	DESCRIPTION	RTAHIN	PTORY.	RTORTX" 4"-1709	RT. 4-412709	RTO. RTX"	<pre></pre>	RT"H"-132	RIX"H"	RT: 4-41	PTOMPTY.	RTORY "4" 74709	RIX" A 709
3	FWA1830	BEARING	<b>∢</b>   ×	×	×	×	×	×	×	×	×	×	<b>~ ~</b>	×
54	16757	REVERSE GEAR 27T	×	×	×	×	×	×	×	×	×	×	×	×
55	14282	WASHER	×	×	×	×	×	×	×	×	×	×	×	×
56	16405	REVERSE GEAR PIN	×	×	×	×	×	×	×	×	×	×	×	×
57	5202	PLUG	×	×	×	×	×	×	×	×	×	×	×	×
58	21320	SNAP RING RETAINER	×	×	×	×	×	×	×	×	×	×	×	×
59	16763	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
60	16628	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
61	118L	BEARING	×	×	×	×	×	×	×	×	×	×	×	×
62	16138	RETAINER RING	×	×	×	×	×	×	×	×	×	×	×	×
63	21322	GEAR AUX. DRIVE 34T "A"	×			×								
63	21321	GEAR AUX. DRIVE 34T "H"	×			×								
63	21322	GEAR AUX. DRIVE 34T		×		~	×							
63	21321	GEAR AUX. DRIVE 34T			×			×						
63	23159	GEAR AUX. DRIVE							×	×				
63	23025	GEAR AUX. DRIVE "A"							~	~	×			
63	23159	GEAR AUX. DRIVE "H"									×			
63	23025	GEAR AUX. DRIVE									~	×		
63	23159	GEAR AUX. DRIVE										~	×	×
64	14897	SPRING	×	×	×	×	×	×	×	×	×	×	×	×
65	A-4938	SYNCHRONIZER RING	×	×	×	×	×	×	×	×	×	×	×	×
	20323	SLIDING CLUTCH	×	×	×	×	×	×	×	×	×	×	×	×
	A-4937	SYNCHRONIZER RING	×	×		×	×	×	×	×	×	×	×	×
	A-5474	SHIFT YOKE ASSY	×	×	×	×	×	×	× ×	×	×	×	×	×
	14347	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
	16778	CYLINDER	×	X	×	×	×	×	×	×	×	×	×	×
	14765	O-RING	×	X	×	×	×	×	×	×	×	×	×	×
	14341	PISTON	×	×	×	×	×	×	×	×	×	×	×	×
	14345	O-RING	×	X	×	×	×	×	×	×	×	×	×	×
	14344	O-RING	×	×	×	×	×	×	×	×	×	×	×	×
75	X-1-1010	NUT	×	×	×	×	×	×	×	×	×	×	×	×
76	14349	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
77	19690	CYLINDER COVER	×	×	×	×	×	×	×	×	×	×	×	×

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				RTORYX,	RTORTX"B" 1709	60,00	RTO. R17"	RTORIX'B" 12709 RTX'H"X'B" 12709	60, 6		0	RTORYX".	RTORTX "8"	R1X"B. H.	209R7X
			RT:A-H.	244. 1720		RT"A-H"-12709			RT"H", 132	RTX"H"-172	P. 4-H. 12	142, 174, 197		3. Lu.	1. 16.
FIG.	PART#	DESCRIPTION	R 7, 4	RTON	ATO ATA	RT.A.	RTO.	RTON RTX	RTH	ATT	RT.	RTO,	A TY	RIX	
78	22896	OUTPUT SHAFT	×	×	×										]
78	23022	OUTPUT SHAFT				×	×	×	×	×					
78	22970	OUTPUT SHAFT									×	×	×		
78	4300312	OUTPUT SHAFT												×	
79	22899	SPACER	×	×	×	×	×	×	×	×	×	×	×	×	
80	22897	GEAR	×	×											_
80	4300034	GEAR			×										
80	23023	GEAR				×	×		×		×	×			
80	4300035	GEAR						×		×			×	×	
81	22898	WASHER	×	×	×	×	×	×	×	×	×	×	×	×	
82	20192	SPACER	×	×	×	×	×	×	×	×					
82	20191	SPACER									×	×	×	×	_
83	22254	NUT	×	×	×	×	×	×	×	×	×	×	×	×	
84	ST4276	BEARING	×	×	×	×	×	×	×	×	×	×	×	×	
85	A-5475	COUNTERSHAFT ASSY "A"	×												
85	A-5672	COUNTERSHAFT ASSY "H"	×												
85	A-5475	COUNTERSHAFT ASSY		×											
85	A-5667	COUNTERSHAFT ASSY			×										
85	A-5490	COUNTERSHAFT ASSY "A"				×									
85	A-5673	COUNTERSHAFT ASSY "H"				×									
85	A-5490	COUNTERSHAFT ASSY					×								
85	A-5668	COUNTERSHAFT ASSY						×							
85	A-5674	COUNTERSHAFT ASSY							×						
85	A-5669	COUNTERSHAFT ASSY								×					
85	A-5491	COUNTERSHAFT ASSY "A"									×				
85	A-5674	COUNTERSHAFT ASSY "H"									×				
85	A-5491	COUNTERSHAFT ASSY										×			
85	A-5669	COUNTERSHAFT ASSY											×	×	
86	22903	WASHER	×	×	×	×	×	×	×	×	×	×	×	×	
87	14335	GASKET	×	×	×	×	×	×	×	×	×	×	×	×	
88	21355	BEARING	×	×	×	×	×	×	×	×					
88	21356	BEARING									×	×	×	×	

			RridHind	RTORIX"	RTORTX"B" 71709 RTX "H" B" 71709	RT"A.H."	RTO.RTX.4.	RTORTX"B", 12709 RTX"H"X"B", 127	80, 60/2,	RTX"H" 732	RT"A+H"-109	RTOMPY.	RTORTX "14709 RTX "H" "14709	RTX" 841, 16709 709
FIG.	PART#	DESCRIPTION	4	<i>\</i>	<i>EE</i>	4	<i>\ \ \ \</i>	<i>E E</i>	Ŕ	Ŕ	Ŕ	Ŕ	<i>~~~</i>	<i>\</i>
90	21345	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
91	21346	COVER	×	×	×	×	×	×	×	×	×	×	×	×
92	22969	WASHER									×	×	×	×
93	22900	COVER	×	×	×	×	×	×	×	×	×	×	×	×
94	K-3209	IDLER SHAFT REPL. KIT	×	×	×	×	×	×	×	×	×	×	×	×
95	K-1946	SYNCHRONIZER KIT	×	×	×	×	×	×	×	×	×	×	×	×
96	T20099	SYNCHRO CLUTCH ASSY	×	×	×	×	×	×	×	×	×	×	×	×
97	K-1947	SYNCHRO KIT W/SLIDING	×	×	×	×	×	×	×	×	×	×	×	×
		CLUTCH												
97	K-1948	SYNCHRO KIT W/SLIDING	×	×	×	×	×	×	×	×	×	×	×	×
		CLUTCH												
														I

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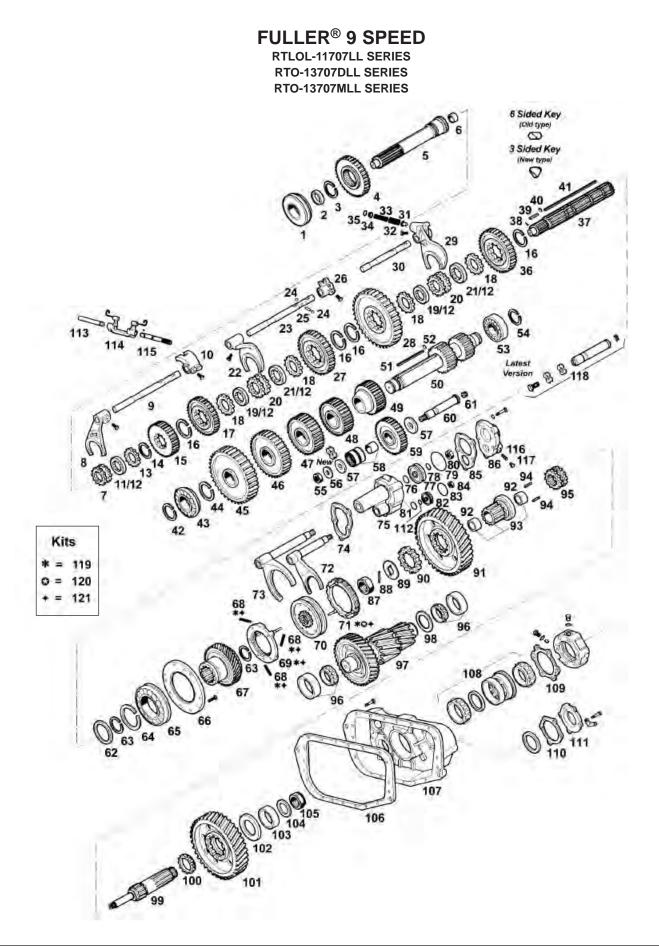


FIG.	PART#	DESCRIPTION	RTLO-11707LL SERIES	RTO-13707DLL SERIES	. RTO-13707MLL SERIES
1	212SLV	BEARING	×	×	×
2	16396	SPACER	×	×	×
3	14289	SNAP RING	×	×	×
4	19168	GEAR MAIN DRIVE	×		
4	4300296	GEAR MAIN DRIVE		×	×
5	INPUT SHA	FTS (SEE PGS. 320-322)			
6	16566	BUSHING	×	×	×
7	14654	SLIDING CLUTCH	×		
7	23139	SLIDING CLUTCH		×	×
8	19878	SHIFT YOKE	×		
8	4300536	SHIFT YOKE		×	×
9	19988	YOKE BAR	×	×	×
10	19078	SHIFTING BLOCK	×	×	×
11	14274	WASHER S.6, 299-6, 350 MM (WHITE)	×		
11	14275	WASHER S.6, 426-6, 477 MM (GREEN)	×		
11	14276	WASHER S.6, 553-6, 604 MM (ORANGE)	×		
11	14277	WASHER S.6, 680-6, 731 MM (PURPLE)	×		
11	14278	WASHER S.6, 807-6, 858 MM (YELLOW)	×		
11	14279	WASHER S.6, 934-6, 985 MM (BLACK)	×		
12	14711	WASHER S.6, 299-6, 350 MM (WHITE-OLD)		×	×
12	14712	WASHER S.6, 426-6, 477 MM (GREEN-OLD)		×	×
12	14713	WASHER S.6, 553-6, 604 MM (ORANGE-OLD)		×	×
12	14714	WASHER S.6, 680-6, 731 MM (PURPLE-OLD)		×	×
12	14715	WASHER S.6, 807-6, 858 MM (YELLOW-OLD)		×	×
12	14716	WASHER S.6, 934-6, 985 MM (BLACK-OLD)		×	×
12	4300830	WASHER (BLUE-NEW)		×	×
12	4300382	WASHER (WHITE-NEW)		×	×
12	4300383	WASHER (GREEN-NEW)		×	×
12	4300384	WASHER (ORANGE-NEW)		×	×
12	4300385	WASHER (PURPLE-NEW)		×	×
12	4300386	WASHER (YELLOW-NEW)		×	×
12	4300387	WASHER (BLACK-NEW)		×	×
13	14273	SPACER	×	×	×
14	14289	SNAP RING	×	×	×
15	19182	GEAR M/S	×		
15	4300297	GEAR M/S		×	×
16	14750	SNAP RING	×	×	×
17	19612	GEAR M/S	×		
17	4300290	GEAR M/S		×	×
18	14749	SPACER	×	×	×
19	14711	WASHER S.6, 299-6, 350 MM	×		
20	14709	SLIDING CLUTCH	×	×	×
21	14711	WASHER S.6, 299-6, 350 MM (WHITE)	×		
		G ARE NOT NECESSARILY MANUFACTURED BY THE ORIGINAL EQUIPMENT			

FIG.	PART#	DESCRIPTION	RTLO-11707LL SERIES	RTO-13707DLL SERIES	RTO-13707MLL SERIES
21	14712	WASHER S.6, 426-6, 477 MM (GREEN)	×		
21	14713	WASHER S.6, 553-6, 604 MM (ORANGE)	×		
21	14714	WASHER S.6, 680-6, 731 MM (PURPLE)	×		
21	14715	WASHER S.6, 807-6, 858 MM (YELLOW)	×		
21	14716	WASHER S.6, 934-6, 985 MM (BLACK)	×		
22	16135	SHIFT YOKE 2ND	×	×	×
23	19987	YOKE BAR	×	×	×
24	X-14-1200	BALL	×	×	×
25	1634	PIN	×	×	×
26	20014	SHIFTING BLOCK	×	×	×
27	19177	GEAR M/S	×		
27	4300292	GEAR M/S		×	×
28	19082	GEAR M/S	×		
28	4300294	GEAR M/S		×	×
29	19809	REVERSE YOKE	×	×	×
30	19986	YOKE BAR	×	×	×
31	19790	PLUG	×	×	×
32	19791	SPRING	×	×	×
33	19838	SPRING	×	×	×
34	19792	RETAINER	×	×	×
35	19793	SNAP RING	×	×	×
36	19313	GEAR M/S	×		
36	23213	GEAR M/S		×	×
37	S-1551	MAIN SHAFT ASSY	×		
37	S-1781	MAIN SHAFT ASSY		×	×
38	14382	PIN	×	×	×
39	14884	KEY	×	×	×
40	62511	PIN	×	×	×
41	21339	KEY	×		
41	21339	KEY - (OLD)		×	×
41	4300976	KEY - (NEW)		×	×
42	15253	SNAP RING	×	×	×
43	1309L	BEARING	×	×	×
44	20085	SNAP RING	×	×	×
45	20133	GEAR C/S	×	-	
45	4300287	GEAR C/S		×	×
46	14307	GEAR C/S LH (LEFT)	×	×	×
46	14886	GEAR C/S RH 45T (RIGHT)	×	×	×
47	19181	GEAR C/S	×		
47	4300289	GEAR C/S		×	×
48	19613	GEAR C/S	×		
48	4300291	GEAR C/S		×	×
49	19178	GEAR C/S	×		
	10110		~		

FIG.	PART#	DESCRIPTION	RTLO-11707LL SERIES	RTO-13707DLL SERIES	RTO-13707MLL SERIES
49	4300293	GEAR C/S		×	×
50	20134	COUNTERSHAFT	×		
50	4300295	COUNTERSHAFT		×	×
51	16664	KEY	×	×	×
52	62511	PIN	×	×	×
_53	MU1308TV	BEARING	×	×	×
54	14317	SNAP RING	×	×	×
55	X-1-1008	NUT	×	×	×
56	14283	WASHER	×	×	×
57	14282	WASHER - (OLD)	×	×	×
57	4302982	WASHER - (NEW)	×	×	×
_58	FWA1830	BEARING	×	×	×
59	16757	REVERSE GEAR 27T	×		
59	23214	REVERSE GEAR		×	×
60	16405	REVERSE GEAR PIN	×	×	×
61	5202	PLUG	×	×	×
62	21320	SNAP RING RETAINER	×	×	×
63	16763	SNAP RING	×	×	×
64	16628	SNAP RING	×	×	×
65	118L	BEARING	×	×	×
66	16138	RETAINER RING	×	×	×
67	21321	GEAR AUX. DRIVE 34T	×	×	×
68	14897	SPRING	×	×	×
69	A-4938	SYNCHRONIZER RING	×	×	×
70	20323	SLIDING CLUTCH	×	×	×
71	A-4937	SYNCHRONIZER RING	×	×	×
72	A-5160	SELECTOR FORK	×	×	×
73	A-5159	SELECTOR FORK	×	×	×
74	21332	GASKET	×	×	×
75	21330	CYLINDER	×	×	×
76	14765	O-RING	×	×	×
77	14341	PISTON	×	×	×
78	14345	O-RING	×	×	×
79	14344	O-RING	×	×	×
80	X-1-1010	NUT	×	×	×
81	14644	O-RING	×	×	×
82	21337	PISTON	×		
82	4301320	PISTON		×	×
83	20423	O-RING	×	×	×
84	X-1-803	NUT	×	×	×

FIG.	PART#	DESCRIPTION	RTLO-11707LL SERIES	RTO-13707DLL SERIES	RTO-13707MLL SERIES
85	21331	GASKET	×	×	×
86	21329	CYLINDER COVER	×	×	×
87	21365	NUT	×	×	×
88	17332	PIN	×	×	×
89	21347	WASHER	×	×	×
_90	21350	WASHER S.6, 60-6, 55 MM	×	×	×
91	21361	GEAR 48T	×		
91	21319	GEAR 48T		×	×
92	21352	BUSHING	×	×	×
93	A-5156	MAIN SHAFT ASSY 18T	×	×	×
94	21652	PIN	×	×	×
95	21360	SLIDING CLUTCH	×	×	×
96	ST4276	BEARING	×	×	×
97	A-5158	COUNTERSHAFT ASSY		×	×
97	A-5836	COUNTERSHAFT ASSY			×
98	21342	WASHER	×	×	×
99	21325	OUTPUT SHAFT 18T	×	×	×
100	21354	WASHER	×	×	×
101	21361	GEAR 48T	×	×	
101	4300677	GEAR M/S			×
102	21358	WASHER	×	×	×
103	16295	SPACER	×	×	×
104	16337	WASHER S.4, 76 MM	×		
105	22254	NUT	×	×	×
106	14335	GASKET	×	×	×
107	21431	REAR HOUSING	×	×	×
108	21356	BEARING	×	×	×
109	21364	GASKET	×	×	×
110	21345	GASKET	×	×	×
111	21346	COVER	×	×	×
112	4301348	O-RING		×	×
113	14494	PEDAL SHAFT	×		
114	12817	YOKE-CLUTCH RELEASE	×		
115	1984	PEDAL SHAFT	×		
115	1983	PEDAL SHAFT	×		

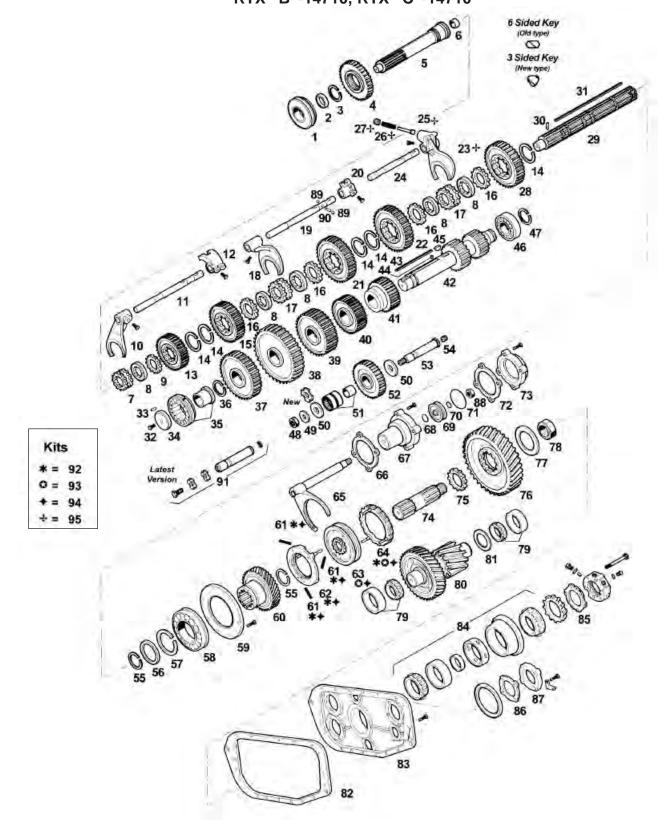
19974	INSERT VALVE	×	×	Х
15719	PLUG	×	×	×
K-3209	IDLER SHAFT REPL. KIT	×	×	×
K-1946	SYNCHRONIZER KIT	×	×	×
T20099	SYNCHRO CLUTCH ASSY	×	×	×
K-1947	SYNCHRO KIT W/SLIDING CLUTCH (OLD)	×	×	×
K-1948	SYNCHRO KIT W/SLIDING CLUTCH (NEW)	×	×	×
	15719 K-3209 K-1946 T20099 K-1947	15719PLUGK-3209IDLER SHAFT REPL. KITK-1946SYNCHRONIZER KITT20099SYNCHRO CLUTCH ASSYK-1947SYNCHRO KIT W/SLIDING CLUTCH (OLD)	15719PLUG×15719IDLER SHAFT REPL. KIT×K-3209IDLER SHAFT REPL. KIT×K-1946SYNCHRONIZER KIT×T20099SYNCHRO CLUTCH ASSY×K-1947SYNCHRO KIT W/SLIDING CLUTCH (OLD)×	15719PLUGXXK-3209IDLER SHAFT REPL. KITXXK-1946SYNCHRONIZER KITXXT20099SYNCHRO CLUTCH ASSYXXK-1947SYNCHRO KIT W/SLIDING CLUTCH (OLD)XX

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#### **FULLER® 10 SPEED**

#### MODELS RT "B"-11710, RTX "B"-11710, RTX "C"-11710, RT "B"-12710, RTX "B"-12710 RTX "C"-12710, RT "B"-13710, RTX "B"-13710, RTX "C"-13710, RT "B"-14710, RTX "B"-14710, RTX "C"-14710



## FULLER<sup>®</sup> 10 SPEED

			RT "B", 1	ATX "8" XIA	RTX "C"	R7 "B", 1770	RTX "B", TTO	R7X "C"	RT "B"	RTX "B" TTO	R74 "C" 12	R7 "B", 17	RTX "8"	R1X "C", 14710
			, ĝ	, ĝ	۪ڽٛ	, Å	, ĝ	۪ڽٛ	â		۪ڽٛ	, Å	, â	۪ڽٛ
FIG.	. PART#	DESCRIPTION	44	ATA	ATA A	A7	ATA	ATA	A7	ATA	ATA	47	KIY	KIX
1	212SLV	BEARING	×	×	×	×	×	×	Х	×	×	×	×	×
2	16463	SPACER	×	×	×	×	×	×	×	×	×	×	×	×
3	14750	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
4	20458	GEAR MAIN DRIVE 48T	×			×			×			×		
4	22028	GEAR MAIN DRIVE 58T		×			×			×			×	
4	22959	GEAR MAIN DRIVE			×			×						
4	22961	GEAR MAIN DRIVE 52T									×			×
5	INPUT SH	HAFTS (SEE PGS. 323-326)												
6	16566	BUSHING	×	×	×	×	×	×	×	×	×	×	×	×
7	16118	SLIDING CLUTCH	×			×			×			×		
7	22026	SLIDING CLUTCH		×	×		×	×		×	×		×	×
8	14711	WASHER S.6, 299-6,	×	×	×	×	×	×	×	×	×	×	×	×
		350 MM (WHITE-OLD)												
8	14712	WASHER S.6, 426-6,	×	×	×	×	×	×	×	×	×	×	×	×
		477 MM (GREEN-OLD)												
8	14713	WASHER S.6, 553-6,	×	×	×	×	×	×	×	×	×	×	×	×
		604 MM (ORANGE-OLD)												
8	14714	WASHER S.6, 680-6,	×	×	×	×	×	×	×	×	×	×	×	×
		731 MM (PURPLE-OLD)												
8	14715	WASHER S.6, 807-6,	×	×	×	×	×	×	×	×	×	×	×	×
		858 MM (YELLOW-OLD)												
8	14716	WASHER S.6, 934-6,	×	×	×	×	×	×	×	×	×	×	×	×
		985 MM (BLACK-OLD)												
8	4300830	WASHER (BLUE-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
8	4300382	WASHER (WHITE-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
8	4300383	WASHER (GREEN-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
8	4300384	WASHER (ORANGE-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
8	4300385	WASHER (PURPLE-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
8	4300386	WASHER (YELLOW-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
8	4300387	WASHER (BLACK-NEW)	×	×	×	×	×	×	×	×	×	×	×	×
9	14749	SPACER	×			×			×			×		
9	22032	SPACER		×	×		×	×		×	×		×	×
10	16136	SHIFT YOKE	×			×			×			×		
10	20450	SHIFT YOKE		×	×		×	×		×	×		×	×
		S CATALOG ARE NOT NECESSARILY MAN					-							1

				1710	01/11	01/11	12710	12710	12710	3710	13710	13710	0 <sub>1</sub> رم	14710
FIG	. PART#	DESCRIPTION	87 <sup>(B)</sup>	", <sup>1</sup>		۲ <i>۲</i> "8.,		R1X "2"	, ، ۲۲ " <sub>B"</sub> ،			87.'B''		
11	16134	YOKE BAR	×			×			×			×		
11	18928	YOKE BAR		×	×		×	×		×	×		×	×
12	14659	SHIFTING BLOCK	×			×			×			×		
12	19063	SHIFTING BLOCK		×	×		×	×		×	×		×	×
13	20391	GEAR M/S 3RD 58T	×			×			×			×		
13	22027	GEAR M/S 48T		×			×			×			×	
13	23102	GEAR M/S 42T			×			×			×			
13	4300190	GEAR M/S 42T												×
14	14750	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
15	20390	GEAR M/S 2ND 56T	×	×		×	×		×	×		×	×	
15	19622	GEAR M/S 2ND SPD 50T			×			×			×			×
16	14749	SPACER	×	×	×	×	×	×	×	×	×	×	×	×
17	16118	SLIDING CLUTCH	×	×	×	×	×	×	×	×	×	×	×	×
18	16135	SHIFT YOKE 2ND	×			×			×			×		
18	18922	SHIFT YOKE		×	×		×	×		×	×		×	×
19	16133	YOKE BAR	×			×			×			×		
19	18927	YOKE BAR		×	×		×	×		×	×		×	×
20	14658	SHIFTING BLOCK	×	×	×	×	×	×	×	×	×	×	×	×
21	20389	GEAR M/S 1ST 60T	×	×		×	×		×	×		×	×	
21	20381	GEAR M/S 58T			×			×			×			×
22	4300859	GEAR M/S	×	×			×							
22	4301219	GEAR M/S			×			×						
22	4300858	GEAR M/S				×			×	×		×	×	
		GEAR M/S									×			×
	16131	REVERSE YOKE	×	×	×	×	×	×	×	×	×	×	×	×
	16132	YOKE BAR	×			×			×			×		
24	18926	YOKE BAR		×	×		×	×		×	×		×	×
	10019	PIN	×	×	×	×	×	×	×	×	×	×	×	×
26		SPRING	×	×	×	×	×	×	×	×	×	×	×	×
	8968	PLUG	×	×	×	×	×	×	×	×	×	×	×	×
	23653	REVERSE GEAR	×	×		×	×		×	×		×	×	
28		REVERSE GEAR			×			×			×			×
29	S-2120	MAIN SHAFT ASSY 17T	×	×	×	×	×	×	×	×	×	×	×	×
	62504	PIN 3X16	×	×	×	×	×	×	×	×	×	×	×	×

				0121	01211	01/11	RTX 'B", 770	01 <sub>42</sub> ,	12210	3710	13710	13710	012*	14210
			Ĵ,	, , , , , , , , , , , , , , , , , , ,	ِنْ بَ	, , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , ,	، نُ بر	, Â	, , , , , , , , , , , , , , , , , , ,	` نٌ بر	, , , , , , , , , , , , , , , , , , ,	à A	` پُن بخ
	. PART#	DESCRIPTION	Ŕ	Å.	4	4	Å.	4	47	A	Å	~~~	A	4
31	21326	KEY - (OLD)	×	×	×	×	×	×	×	×	×	×	×	×
31	4300890	KEY - (NEW)	×	×	×	×	×	×	×	×	×	×	×	×
32	X-7-1005	BOLT 5/8"	×	×	×	×	×	×	×	×	×	×	×	×
33	62511	PIN	×	×	×	×	×	×	×	×	×	×	×	×
34	19668	LOCKING DISK	×			×								
34	19548	LOCKING DISK		×	×		×	×	×	×	×	×	×	×
35	1309L	BEARING	×			×								
35		KR BEARING		×	×		×	×	×	×	×	×	×	×
36	19198	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
37	22271	GEAR C/S	×											
37	21020	GEAR C/S 62T		×			×			×			×	
37	21018	GEAR C/S 66T			×			×			×			×
37	21586	GEAR C/S 69T				×			×			×		
38	15953	GEAR C/S PRO 47T	×	×	×	×	×	×	×	×	×	×	×	×
		LH PTO (LEFT)												
38	20840	GEAR C/S PTO 45T	×	×	×	×	×	×	×	×	×	×	×	×
		RH PTO (RIGHT)												
39	21020	GEAR C/S 62T	×			×			×			×		
39	20459	GEAR C/S 69T		×			×			×			×	
39	21262	GEAR C/S 73T			×			×			×			
39	4300191	GEAR C/S 73T												×
40	20482	GEAR C/S 2ND 44T	×	×		×	×		×	×		×	×	
40	21264	GEAR C/S 46T			×			×			×			×
41	20471	GEAR C/S 1ST 35T	×	×		×	×		×	×		×	×	
41	20382	GEAR C/S 39T			×			×			×			×
42	4300861	COUNTERSHAFT	×	×		×								
42	4301224	COUNTERSHAFT			×			×						
42	4300860	COUNTERSHAFT				×			×	×		×	×	
42	4301225	COUNTERSHAFT									×			×
43	19673	KEY	×	×	×	×	×	×	×	×	×	×	×	×
44	62511	PIN	×	×	×	×	×	×	×	×	×	×	×	×
45	X-6-E	KEY	×	×	×	×	×	×	×	×	×	×	×	×
46	MU1308TV	BEARING	×	×	×	×	×	×	×	×	×	×	×	×
	14317	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
	X-1-1008		×	×	×	×	×	×	×	×	×	×	×	×
		S CATALOG ARE NOT NECESSARILY MA			•									•

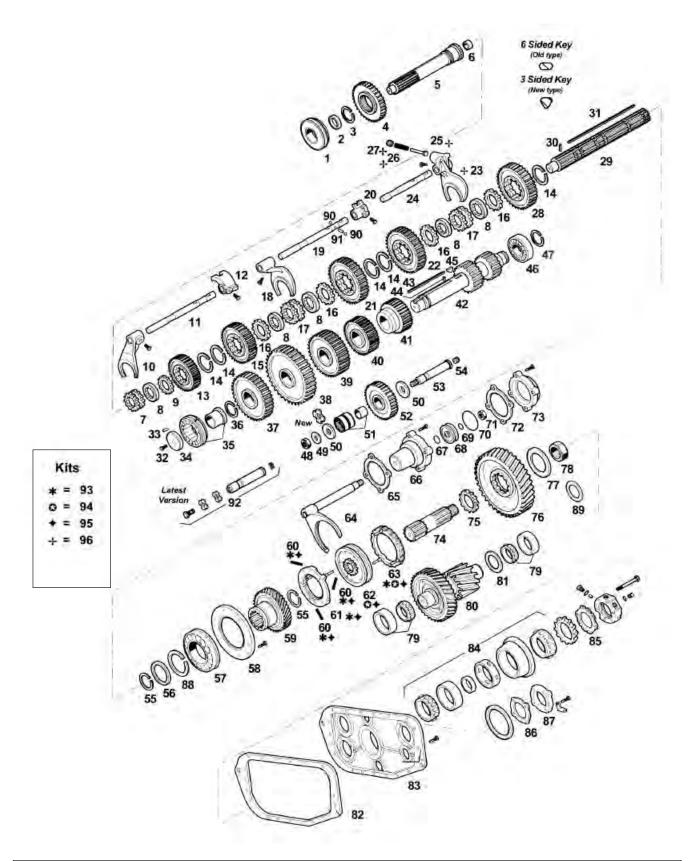
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			R1X "A"	04244	0424	12710	12710	12710	<sup>3710</sup>	13710	13710	4710	R1X "C" 14710
		, a	ġ ĸ	ې د	ڨ د		ې څ د	ڨ د		ڭ ۋُ		ĝ K	; ĉ
FIG. PAR	T# DESCRIPTION	<b>A</b>	47	47	87	87	4	44	A7	47	44	A7	47
49 14283	3 WASHER	×	×	×	×	×	×	×	×	×	×	×	×
50 14282	2 WASHER - (OLD)	×	×	×	×	×	×	×	×	×	×	×	×
50 43029	982 WASHER - (NEW)	×	×	×	×	×	×	×	×	×	×	×	×
51 FWA1	830 BEARING	×	×	×	×	×	×	×	×	×	×	×	×
52 16757	REVERSE GEAR 27T	×	×		×	×		×	×		×	×	
52 43012	229 REVERSE GEAR			×			×			×			X
53 16405	5 REVERSE GEAR PIN	×	×	×	×	×	×	×	×	×	×	×	×
54 5202	PLUG	×	×	×	×	×	×	×	×	×	×	×	×
55 16763	3 SNAP RING	×	×	×	×	×	×	×	×	×	×	×	Х
56 21320	SNAP RING RETAINER	×	×	×	×	×	×	×	×	×	×	×	Х
57 16628	3 SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
58 118L	BEARING	×	×	×	×	×	×	×	×	×	×	×	×
59 16138	B RETAINER RING	×	×	×	×	×	×	×	×	×	×	×	×
60 21321	GEAR AUX. DRIVE 34T	×	×	×	×	×	×						
60 23159	GEAR AUX. DRIVE							×	×	×	×	×	×
61 14897	SPRING	×	×	×	×	×	×	×	×	×	×	×	×
62 A-493	8 SYNCHRONIZER RING	×	×	×	×	×	×	×	×	×	×	×	×
63 20323		×	×	×	×	×	×	×	×	×	×	×	×
64 A-493		×	×	×	×	×	×	×	×	×	×	×	×
65 A-547	4 SHIFT YOKE ASSY	×	×	×	×	×	×	×	×	×	×	×	×
66 14347		×	×	×	×	×	×	×	×	×	×	×	×
67 16778		×	×	×	×	×	×	×	×	×	×	×	×
68 14765		×	×	×	×	×	×	×	×	×	×	×	×
69 14341		×	×	×	×	×	×	×	×	×	×	×	×
70 14345		×	×	×	×	×	×	×	×	×	×	×	×
71 14344		×	×	×	×	×	×	×	×	×	×	×	×
72 14349		×	×	×	×	×	×	×	×	×	×	×	×
73 19690			×	×	×	×	×	×	×	×	×	×	×
74 22896			×	x					~			~	
74 22090						×	×	×	×	×	×		
	312 OUTPUT SHAFT						^		~		×	×	×
				×	×	×	×	×	×	×	×	×	
75 22899			×	^			^						×
76 23661		×	×		×	×		×	Х		×	×	~
	227 GEAR			×			×			×			×
77 22898	N THIS CATAL OG ARE NOT NECESSARILY MA	×	×	×	×	X	×	X	×	×	×	×	X

				01/1	11×10	0 <sup>1</sup> 2 <sup>1</sup> 0	5210	12710	12710	3770	13710	13710	04	14710
FIG	. PART#	DESCRIPTION	RT "B"			87 " <sub>B", "</sub>	RTX "8"		27 "B"	1, A. K.		27 "B" 1		R1X "C", 14710
78	22254	NUT	×	×	×	$\frac{1}{1 \times 1}$	×	×	×	×	×	×	×	×
79	ST4276	BEARING	×	×	×	×	×	×	×	×	×	×	×	×
80	A-5923	COUNTERSHAFT ASSY	×	×		×	×							
80	A-6074	COUNTERSHAFT ASSY			×			×						
80	A-5626	COUNTERSHAFT ASSY							×	×		×	×	
80	A-6073	COUNTERSHAFT ASSY									×			×
81	22903	WASHER	×	×	×	×	×	×	×	×	×	×	×	×
82	14335	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
83	22900	COVER	×	×	×	×	×	×	×	×	×	×	×	×
84	21355	BEARING	×	×	×	×	×	×	×	×	×			
84	21356	BEARING										×	×	×
85	21364	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
86	21345	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
87	21346	COVER	×	×	×	×	×	×	×	×	×	×	×	×
88	X-1-1010	NUT	×	×	×	×	×	×	×	×	×	×	×	×
89	X-14-1200	) BALL	×	×	×	×	×	×	×	×	×	×	×	×
90	1634	PIN	×	×	×	×	×	×	×	×	×	×	×	×
_91	K-3209	IDLER SHAFT REPL. KIT	×	×	×	×	×	×	×	×	×	×	×	×
92	K-1946	SYNCHRONIZER KIT	×	×	×	×	×	×	×	×	×	×	×	×
93	T20099	SYNCHRO CLUTCH ASSY	×	×	×	×	×	×	×	×	×	×	×	×
94	K-1947	SYNCHRO KIT W/	×	×	×	×	×	×	×	×	×	×	×	×
		SLIDING CLUTCH (OLD)												
94	K-1948	SYNCHRO KIT W/	×	×	×	×	×	×	×	×	×	×	×	×
		SLIDING CLUTCH (NEW)												
95	S-1219	YOKE ASSY	×	×	×	×	×	×	×	×	×	×	×	×

# CALL YOUR SALES REP FOR BEARING & SEAL KITS

#### FULLER<sup>®</sup> 10 SPEED RTX "B"-15710, RTX "C"-15710, RTX "B"-16710, RTX "C"-16710



# FULLER<sup>®</sup> 10 SPEED

FIG.	PART#	DESCRIPTION	RTX "B" - 15710	RTX "C" - 15710	RTX "B" - 16710	RTX "C" - 16710
1	212SLV	BEARING	×	×	×	×
2	16463	SPACER	X X	×	×	×
3	14750	SNAP RING	X X	×	×	×
4	4302086	GEAR MAIN DRIVE	× ×		×	
4	4300238	GEAR MAIN DRIVE 52T		×		×
5	INPUT SH	AFTS (SEE PGS. 323-326)				
6	16566	BUSHING	×	×	×	×
7	22026	SLIDING CLUTCH	×	×	×	×
8	14711	WASHER S.6, 299-6,				
		350 MM (WHITE-OLD)				
8	14712	WASHER S.6, 426-6,	× ×	×	×	×
		477 MM (GREEN-OLD)				
8	14713	WASHER S.6, 553-6,	×	×	×	×
		604 MM (ORANGE-OLD)				
8	14714	WASHER S.6, 680-6,	×	×	×	×
Ŭ	147.14	731 MM (PURPLE-OLD)				~
8	14715	WASHER S.6, 807-6,	×	×	×	×
0	14715			^		^
8	14716	858 MM (YELLOW-OLD)	×	×	×	×
°	14710	WASHER S.6, 934-6,	<u>^</u>	~		^
	4000000	985 MM (BLACK-OLD)		~		
8	4300830	WASHER (BLUE-NEW)	×	×	×	×
8	4300382	WASHER (WHITE-NEW)	×	×	×	×
8	4300383	WASHER (GREEN-NEW)	×	×	×	×
8	4300384	WASHER (ORANGE-NEW)	×	×	X	×
8	4300385	WASHER (PURPLE-NEW)	×	×	×	×
8	4300386	WASHER (YELLOW-NEW)	×	×	×	×
8	4300387	WASHER (BLACK-NEW)	×	×	×	×
9	22032	SPACER	×	×	×	×
10	20450	SHIFT YOKE	×	×	×	×
11	18928	YOKE BAR	×	×	×	×
12	19063	SHIFTING BLOCK	×	×	×	×
13	4302088	GEAR M/S	×		×	
13	4300190	GEAR M/S 42T	×		×	
14	14750	SNAP RING	×	×	×	×
15	20390	GEAR M/S 2ND 56T	×		×	
15	19622	GEAR M/S 2ND SPD 50T		×		
15	4300246	GEAR M/S				×
16	14749	SPACER	×	×	×	×
17	16118	SLIDING CLUTCH	×	×	×	×
18	18922	SHIFT YOKE	×	×	×	×
19	18927	YOKE BAR	×	×	×	×
20	14658	SHIFTING BLOCK	×	×	×	×
21	20389	GEAR M/S 1ST 60T	×		×	
21	20381	GEAR M/S 58T	×			
21	4302104	GEAR M/S				×
22	4302104	GEAR M/S	×		×	
22	4300858	GEAR M/S		$\sim$	^	×
				×	$\sim$	
23	16131	REVERSE YOKE	×	×	×	×
24	18926	YOKE BAR	×	×	×	×
			1	I		1

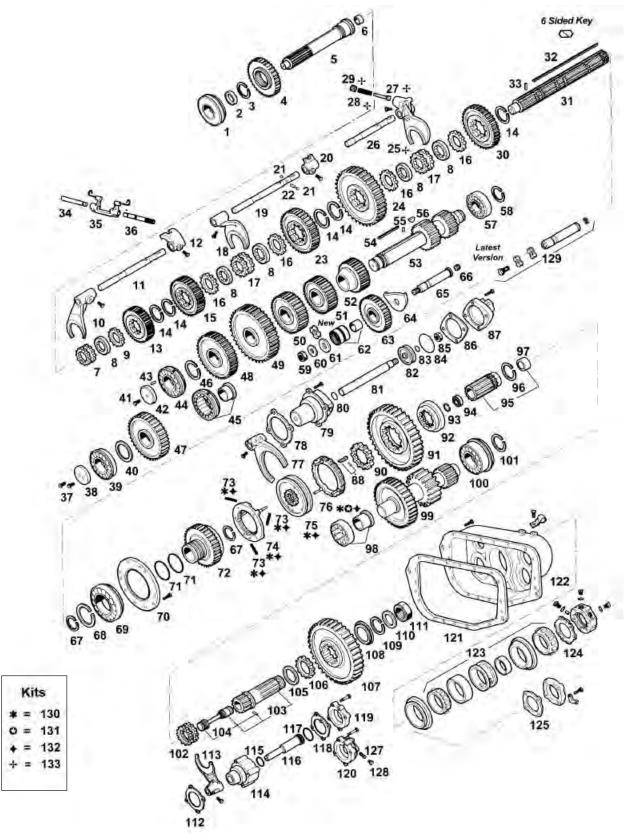
FIG.	PART#	DESCRIPTION	RTX "B" - 15710	RTX "C" - 15710	RTX "B" - 16710	RTX "C" - 16710
25	10019	PIN	×	×	×	×
26	6392	SPRING	×	×	×	×
27	8968	PLUG	×	×	×	×
28	23653	REVERSE GEAR	×		×	
28	4301222	REVERSE GEAR		×		×
29	S-2120	MAIN SHAFT ASSY 17T	×	×		
29	S-1884	MAIN SHAFT ASSY			×	×
30	62504	PIN 3X16	×	×	×	×
31	21326	KEY - (OLD)	×	×	×	×
31	4300890	KEY - (NEW)	×	×	×	×
32	X-7-1005	BOLT 5/8"	×	×	×	×
33	62511	PIN	×	×	×	×
34	19548	LOCKING DISK	×	×	×	×
35	MS1309GEXR		×	×	×	×
36	19198	SNAP RING	×	×	×	×
37	4302087	GEAR C/S	×		×	
37	21018	GEAR C/S 66T	×		×	
38	15953	GEAR C/S PTO 47T	×	×	×	×
	10000	LH PTO (LEFT)				
38	20840	GEAR C/S PTO 45T	×	×	×	×
		RH PTO (RIGHT)				
39	4302089	GEAR C/S	×		×	
39	4300191	GEAR C/S 73T	×		×	
40	20482	GEAR C/S 2ND 44T	×			
40	21264	GEAR C/S 46T	×			
40	20482	GEAR C/S 2ND 44T			×	
40	4300247	GEAR C/S				×
41	20471	GEAR C/S 1ST 35T	×		×	
41	20382	GEAR C/S 39T	×			
41	4302103	GEAR C/S				×
42	4300860	COUNTERSHAFT	×		×	
42	4301225	COUNTERSHAFT		×		×
43	19673	KEY	×	×	×	×
44	62511	PIN	×	×	×	×
45	X-6-3	KEY	×	×	×	×
46	MU1308TV	BEARING	×	×	×	×
47	14317	SNAP RING	×	×	×	×
48	X-1-1008	NUT	×	×	×	×
49	14283	WASHER	×	×	×	×
50	14282	WASHER - (OLD)	×	×	×	×
50	4302982	WASHER - (NEW)	×	×	×	×
51	FWA1830	BEARING	×	×	×	×
52	16757	REVERSE GEAR 27T	×	~	×	
52	4301229	REVERSE GEAR	~	×		×
53	16405	REVERSE GEAR PIN	×	×	×	×
54	5202	PLUG	×	×	×	×
55	16763	SNAP RING	×	×	×	×
56	21320	SNAP RING RETAINER	×	×	×	×
50			×	×	×	×
	118L	BEARING	×			
58	16138	RETAINER RING	^	×	×	×

FIG.	PART#	DESCRIPTION	RTX "B" - 15710	RTX "C" - 15710	RTX "B" - 16710	RTX "C" - 16710
59	23159	GEAR AUX. DRIVE	×	×	×	×
60	14897	SPRING	×	×	×	×
61	A-4938	SYNCHRONIZER RING	×	×	×	×
62	20323	SLIDING CLUTCH	×	×	×	×
63	A-4937	SYNCHRONIZER RING	×	×	×	×
64	A-5474	SHIFT YOKE ASSY	×	×	×	×
65	14347	GASKET	×	×	×	×
66	16778	CYLINDER	×	×	×	×
67	14765	O-RING	×	×	×	×
68	14341	PISTON	×	×	×	×
69	14345	O-RING	×	×	×	×
70	14344	O-RING	×	×	×	×
71	X-1-1010	NUT	×	×	×	×
72	14349	GASKET	×	×	×	×
73	19690	CYLINDER COVER	×	×	×	×
74	4300312	OUTPUT SHAFT	×	×	×	×
75	22899	SPACER	×	×	×	×
76	23661	GEAR	×			
76	4301227	GEAR		×		
76	4302092	GEAR			×	
76	4302090	GEAR				×
77	22969	WASHER	×	×	×	×
78	22254	NUT	×	×	×	×
79	ST4276	BEARING	×	×	×	×
80	A-5626	COUNTERSHAFT ASSY	×			
80	A-6073	COUNTERSHAFT ASSY		×		
80	A-6338	COUNTERSHAFT ASSY			×	
80	A-6339	COUNTERSHAFT ASSY				×
81	22903	WASHER	×	×	×	×
82	14335	GASKET	×	×	X	×
83	22900	COVER	×	×	×	×
84	21356	BEARING	×	×	×	×
85	21364	GASKET	×	×	×	×
86	21345	GASKET	×	×	×	×
87	21346	COVER	×	×	×	×
88	16628	SNAP RING	×	×	×	×
89	22969	WASHER	×	×	×	×
90	X-14-1200	BALL	×	×	×	×
91	1634	PIN	×	×	×	×
92	K-3209	IDLER SHAFT REPL. KIT	×	×	×	×
93	K-1946	SYNCHRONIZER KIT	×	×	×	×
94	T20099	SYNCHRO CLUTCH ASSY	×	×	×	×
95	K-1947	SYNCHRO KIT W/SLIDING CLUTCH (OLD)	×	×	×	×
95	K-1948	SYNCHRO KIT W/SLIDING CLUTCH (NEW)	×	×	×	×
96	S-1219	YOKE ASSY	×	×	×	×

# CALL YOUR SALES REP FOR BEARING & SEAL KITS

#### **FULLER® 10 SPEED**

MODELS RTO-958LL, RTO-958LLB, RT-1258LL, RTO-11608LL, RTO-14608LL SERIES



# FULLER<sup>®</sup> 10 SPEED

FIG.	PART#	DESCRIPTION	RTO-958LL SERIES	RTO-958LLB SERIES	RT-1258LL SERIES	RTO-11608LL SERIES	RTO-14608L SERIES
1	212SLV	BEARING	×	×	×	×	×
2	16396	SPACER	×	×			
2	16463	SPACER			×	×	×
3	14289	SNAP RING	×	×			
3	14750	SNAP RING			×	×	×
4	16886	GEAR MAIN DRIVE 34T	×				
4	16727	GEAR MAIN DRIVE 30T		×			
4	18518	GEAR MAIN DRIVE			×		
4	19565	GEAR MAIN DRIVE			×		
4	21021	GEAR MAIN DRIVE 58T				×	×
4	22028	GEAR MAIN DRIVE 58T				×	×
5	INPUT SH	AFTS (SEE PGS. 323-326)					
6	16566	BUSHING	×	×	×	×	×
7	16021	SLIDING CLUTCH	×	×			
7	16118	SLIDING CLUTCH			×		
7	16118	SLIDING CLUTCH				×	×
7	22026	SLIDING CLUTCH				×	×
8	14274	WASHER S.6, 299-6,	×	×			
		350 MM (WHITE)					
8	14275	WASHER S.6, 426-6,	×	×			
		477 MM (GREEN)					
8	14276	WASHER S.6, 553-6,	×	×			
		605 MM (ORANGE)					
8	14277	WASHER S.6, 680-6,	×	×			
		731 MM (PURPLE)					
8	14278	WASHER S.6, 807-6,	×	×			
		858 MM (YELLOW)					
8	14279	WASHER S.6, 934-6,	×	×			
		985 MM (BLACK)					
8	14711	WASHER S.6, 299-6,			×	×	×
		350 MM (WHITE)					
8	14712	WASHER S.6, 426-6,			×	×	×
		477 MM (GREEN)					
8	14713	WASHER S.6, 553-6,			×	×	×
		604 MM (ORANGE)					
8	14714	WASHER S.6, 680-6,			×	×	×
		731 MM (PURPLE)					
8	14715	WASHER S.6, 807-6,			×	×	×
		858 MM (YELLOW					
8	14716	WASHER S.6, 934-6,			×	×	×
		985 MM (BLACK)					
9	14273	SPACER	×	×			

FIG.	PART#	DESCRIPTION	RTO-958LL SERIES	RTO-958LLB SERIES	RT-1258LL SERIES	RTO-11608LL SERIES	RTO-14608L SERIES
9	14749	SPACER			×		
9	14749	SPACER				×	×
9	22032	SPACER				×	×
10	16267	SHIFT YOKE	×	×			
10	16136	SHIFT YOKE			×	×	×
10	20450	SHIFT YOKE -"X" MODELS			×	×	×
11	14354	YOKE BAR	×	×			
11	16134	YOKE BAR			×	×	×
11	18928	YOKE BAR - "X" MODELS			×	×	×
12	14659	SHIFTING BLOCK	×	×	×	×	×
12	19063	SHIFTING BLOCK -			×	×	×
		"X" MODELS					
13	16888	GEAR M/S 28T	×				
13	16729	GEAR M/S 26T	×				
13	18520	GEAR M/S O/D		×			
13	19567	GEAR M/S O/D 40T			×		
13	19632	GEAR M/S 48T			×	×	
13	22027	GEAR M/S 48T			×	×	
14	14289	SNAP RING	×	×			
14	14750	SNAP RING			×	×	×
15	16707	GEAR M/S 2ND SPD 38T	×				
15	16731	GEAR M/S 36T	×				
15	18522	GEAR M/S 2ND			×		
15	20390	GEAR M/S 2ND 56T				×	×
16	14273	SPACER	×	×			
16	14749	SPACER			×	×	×
17	16021	SLIDING CLUTCH	×	×			
17	16118	SLIDING CLUTCH			×	×	×
18	15404	SHIFT YOKE	×	×			
18	16135	SHIFT YOKE 2ND			×	×	×
18	18922	SHIFT YOKE -"X"MODELS			×	×	×
19	14353	YOKE BAR	×	×			
19	16133	YOKE BAR			×	×	×
19	18927	YOKE BAR - "X" MODELS			×	×	×
20	14658	SHIFTING BLOCK	×	×	×	×	×
21	X-14-1200	BALL	×	×	×	×	×
22	1634	PIN	×	×	×	×	×
23	16709	GEAR M/S 38T	×				
23	16733	GEAR M/S 42T	×				
23	16752	GEAR M/S 1ST SPD 38T			×		
23	20389	GEAR M/S 1ST 60T				×	×
24	16711	GEAR M/S LOW 44T	×	×			

FIG.	PART#	DESCRIPTION	RTO-958LL SERIES	RTO-958LLB SERIES	RT-1258LL SERIES	RTO-11608LL SERIES	RTO-14608L SERIES
24	16754	GEAR M/S LOW 44T			×	×	×
25	15403	REVERSE YOKE	×	×			
25	15644	REVERSE YOKE	×	×			
		"F" MODELS					
25	16131	REVERSE YOKE			×	×	×
26	14352	YOKE BAR	×	×			
_26	16132	YOKE BAR			×	×	×
26	18926	YOKE BAR - "X" MODELS			×	×	×
27	10019	PIN	×	×	×	×	×
28	6392	SPRING	×	×	×	×	×
29	8968	PLUG	×	×	×	×	×
30	16713	REVERSE GEAR M/S 46T	×	×			
30	16756	REVERSE GEAR M/S 46T			×	×	×
31	S-1340	MAIN SHAFT ASSY 15T	×	×			
31	S-1341	MAIN SHAFT ASSY 17T			×	×	×
32	17109	KEY	×	×	×	×	×
33	62504	PIN 3X16	×	×	×	×	×
34	14494	PEDAL SHAFT	×	×	×	×	×
35	12817	YOKE-CLUTCH RELEASE	×	×	×	×	×
36	1984	PEDAL SHAFT	×	×	×	×	×
36	1983	PEDAL SHAFT	×	×	×	×	×
37	X-7-603	BOLT 3/8"	×	×			
37	X-7-802	BOLT 1/2"	×	×			
37	X-7-603	BOLT 3/8"			×		
37	X-7-802	BOLT 1/2"			×		
38	16112	LOCKING DISK 3/8"	×	×			
38	7484	LOCKING DISK 1/2"	×	×			
38	16112	LOCKING DISK 3/8"			×		
38	7484	LOCKING DISK 1/2"			×		
39	MSN1211REX	BEARING	×	×			
39	MSN1211REX	BEARING			×		
40	15949	SPACER			×		
41	X-7-1005	BOLT 5/8"			×	×	×
42	19548	LOCKING DISK 5/8"			×		×
42	19668	LOCKING DISK 5/8"				×	
42	19548	LOCKING DISK 5/8"				×	
43	62511	PIN			×	×	×
44	1309L	BEARING		7		×	
45	MS1309GEXR	BEARING				×	
45	MS1309GEXR	BEARING			×		×
46	19198	SNAP RING			×	×	×
47	16887	GEAR C/S 36T	×				
47	16728	GEAR C/S 38T	×				
47	18519	GEAR C/S			×		
			1				

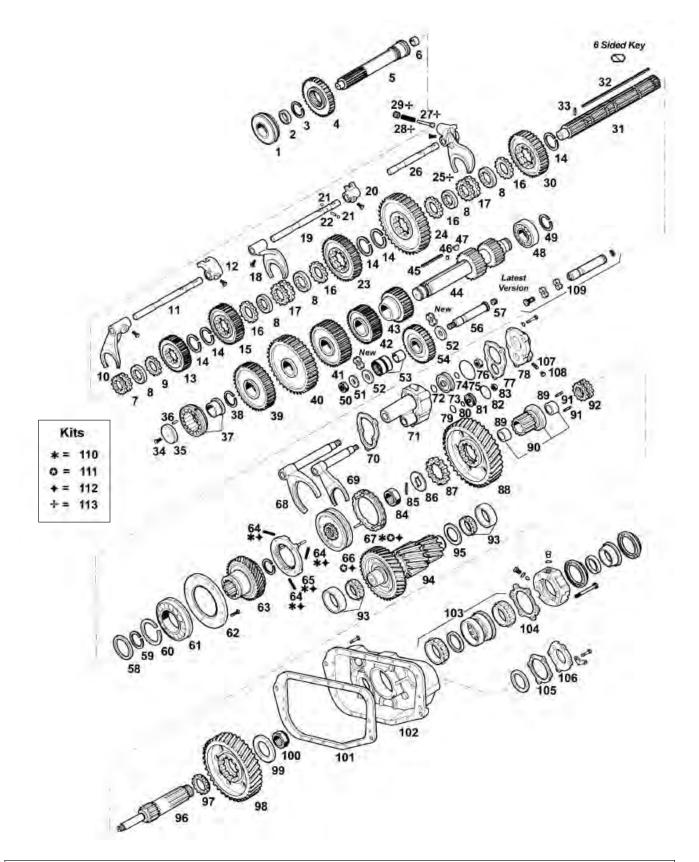
FIG.	PART#	DESCRIPTION	RTO-958LL SERIES	RTO-958LLB SERIES	RT-1258LL SERIES	RTO-11608LL SERIES	RTO-14608L SERIES
48	19553	GEAR C/S			×		
48	19566	GEAR C/S			×		
48	21020	GEAR C/S 62T			×	×	
49	14307	GEAR C/S LH (LEFT)	×	×			
49	14886	GEAR C/S RH 45T (RIGHT)	×	×			
49	15953	GEAR C/S PTO 47T			×	×	×
		LH PTO (LEFT)					
49	20840	GEAR C/S PTO 45T			×	×	×
		RH PTO (RIGHT)					
50	16889	GEAR C/S 40T	×				
50	16730	GEAR C/S 45T	×				
50	18521	GEAR C/S O/D 40T			×		
_50	19568	GEAR C/S			×		
50	20459	GEAR C/S 69T			×	×	
51	16708	GEAR C/S 2ND SPD	×				
51	16732	GEAR C/S 33T	×				
51	18523	GEAR C/S 2ND			×		
51	20482	GEAR C/S 2ND 44T				×	×
_52	16710	GEAR C/S 1ST 22T	×				
52	16734	GEAR C/S 27T	×				
52	16753	GEAR C/S 1ST 22T			×		
52	20471	GEAR C/S 1ST 35T				×	×
53	K-1597	COUNTERSHAFT KIT	×	×			
53	18796	COUNTERSHAFT			×		
_53	K-1599	COUNTERSHAFT KIT			×		
53	19549	COUNTERSHAFT 17T			×	×	×
53	K-2953	COUNTERSHAFT KIT			×	×	×
		W/KEYS					
54	16662	KEY	×	×			
54	19673	KEY			×	×	×
55	62511	PIN	×	×	×	×	×
56	X-6-D	KEY	×	×			
56	X-6-3	KEY			×	×	×
57	MU1308TV	BEARING	×	×	×	×	×
58	14317	SNAP RING	×	×	×	×	×
59	X-1-1008	NUT	×	×	×	×	×
60	14283	WASHER	×	×	×	×	×
61	14282	WASHER - (OLD)	×	×	×	×	×
61	4302982	WASHER - (NEW)	×	×	×	×	×
62	FWA1830	BEARING	×	×	×	×	×
53	16714	REVERSE GEAR 27T	×	×			
63	16757	REVERSE GEAR 27T			×	×	×
64	16403	WASHER	×	×	×	×	×
65	16405	REVERSE GEAR PIN	×	×	×	×	×

FIG.	PART#	DESCRIPTION	RTO-958LL SERIES	RTO-958LLB SERIES	RT-1258LL SERIES	RTO-11608LL SERIES	RTO-14608L SERIES
66	5202	PLUG	×	×	×	×	×
67	16723	SNAP RING	×	×			
67	16763	SNAP RING			×	×	×
68	16722	SNAP RING	×	×			
68	16628	SNAP RING			×	×	×
69	117L	BEARING	×	×			
69	118L	BEARING			×	×	×
70	15408	RETAINER RING	×	×			
70	16138	RETAINER RING			×	×	×
71	17453	RETAINER RING			×	×	×
72	17078	GEAR AUX. DRIVE 28T	×	×			
72	18725	GEAR AUX. DRIVE 32T	×	×			
72	K-1848	AUX. DRIVE GEAR KIT 30T			×		
72	K-1786	AUX. DRIVE GEAR KIT 42T				×	×
73	14897	SPRING	×	×	×	×	×
74	A-4938	SYNCHRONIZER RING	×	×	×	×	×
75	16716	SLIDING CLUTCH - (OLD)	×	×			
75	20336	SLIDING CLUTCH - (NEW)	×	×			
75	16759	SLIDING CLUTCH - (OLD)			×	×	×
75	20323	SLIDING CLUTCH - (NEW)			×	×	×
76	A-4416	SYNCHRONIZER RING -	×	×	×	×	×
		(OLD)					
76	A-4937	SYNCHRONIZER RING - (NEW)	×	×	×	×	×
77	16775	SHIFT YOKE	×	×	×	×	×
77	22823	SHIFT YOKE (LATEST)	×	×	×	×	×
78	14347	GASKET	×	×	×	×	×
79	16777	AUXILIARY CYLINDER	×	×	×	×	×
80	14765	O-RING	×	×	×	×	×
81	16776	YOKE BAR	×	×		×	
81	17251	YOKE BAR			×		
81	19306	YOKE BAR					×
82	14341	PISTON	×	×	×	×	×
83	14345	O-RING	×	×	×	×	×
84	14344	O-RING	×	×	×	×	×
85	X-1-1010	NUT	×	×	×	×	×
86	14349	GASKET	×	×	×	×	×
87	14799	CYLINDER COVER	×	×	×		
87	19690	CYLINDER COVER				×	×
88	A-3697	KEY & PIN ASSY	×	×	×	×	×
90	15385	WASHER S.5, 13-5, 18 MM	×	×			
90	17255	WASHER S.5, 23-5, 28 MM	×	×			
90	17256	WASHER S.5, 33-5, 38 MM	×	×			
90	15932	WASHER S.5, 13-5, 18 MM			×	×	×
L							

FIG.	PART#	DESCRIPTION	RTO-958LL SERIES	RTO-958LLB SERIES	RT-1258LL SERIES	RTO-11608LL SERIES	RTO-14608L SERIES
90	17257	WASHER S.5, 23-5, 28 MM			×	×	×
90	17258	WASHER S.5, 33-5, 38 MM			×	×	×
91	16519	GEAR 42T	×	×			
91	17217	GEAR 42T			×		
91	19315	GEAR 42T				×	
91	19277	GEAR 42T					×
92	18192	COUPLER M/S	×	×			
92	18193	COUPLER M/S		×	×	×	
93	14291	SNAP RING	×	×	×	×	×
94	204	BEARING	×	×	×	×	×
95	K-1545	MAIN SHAFT KIT	×	×			
95	K-1546	MAIN SHAFT KIT			×	×	×
96	14624	LOCK RING	×	×			
96	18135	SNAP RING			×	×	×
97	16516	BUSHING	×	×	×	×	×
98	MR1307EL	BEARING D.80X35X21	×	×	×	×	×
99	A-4127	COUNTERSHAFT ASSY	×	×			
99	A-4520	COUNTERSHAFT ASSY	×	×			
99	A-4467	COUNTERSHAFT ASSY			×		
99	A-4817	COUNTERSHAFT ASSY				×	
99	A-4818	COUNTERSHAFT ASSY					×
100	1310L	BEARING	×	×		×	
100	5310WL	BEARING			×		
100	5310WLB	BEARING					×
101	16723	SNAP RING	×	×	×	×	
101	15253	SNAP RING					×
102	16258	SLIDING CLUTCH	×	×			
102	17242	SLIDING CLUTCH			×		×
102	15959	SLIDING CLUTCH				×	
103	A-4413	OUTPUT SHAFT 13T	×	×			
103	A-4389	OUTPUT SHAFT 18T			×		
103	A-4738	OUTPUT SHAFT 18T				×	
103	A-4736	OUTPUT SHAFT 18T					×
104	K-1644	REPL. QUILL KIT	×	×	×	×	×
105	14332	WASHER	×	×		×	
106	18250	SPACER	×	×		×	
106	17248	WASHER			×		×
107	20022	GEAR 46T	×	×			
107	17247	GEAR 48T			×		
107	20022	GEAR 46T				×	
107	20024	GEAR 48T					×
108	19544	WASHER		×		×	
109	14327	SNAP RING	×	×		×	
109	18114	SNAP RING			×		×
						I	

FIG.	PART#	DESCRIPTION	RTO-958LL SERIES	RTO-958LLB SERIES	RT-1258LL SERIES	RTO-11608LL SERIES	RTO-14608L SERIES
110	16310	WASHER S.7, 93 MM	×	×		×	
110	16337	WASHER S.4, 76 MM			×		×
111	22254	NUT	×	×	×	×	×
112	14632	GASKET	×	×	×	×	×
113	16517	SHIFT YOKE	×	×		×	
113	17245	SHIFT YOKE			Х		×
114	17070	AUXILIARY CYLINDER	×	×	×	×	×
114	21210	AUXILIARY CYLINDER				×	×
115	14644	O-RING	×	×	×	×	×
115	21208	O-RING				×	×
116	16962	YOKE BAR	×	×		×	
_116	17244	YOKE BAR			×		
116	19287	YOKE BAR					×
116	21233	YOKE BAR				×	
116	21251	YOKE BAR					×
117	14621	O-RING	×	×	×	×	×
117	21209	O-RING				×	×
118	17073	GASKET	×	×	×	×	×
119	17072	CYLINDER COVER	×	×	×	×	×
120	4300927	CYLINDER COVER	×	×	×	×	×
121	14335	GASKET	×	×	×	×	×
122	K-1567	REAR HOUSING	×	×		×	
122	17250	REAR HOUSING			×		×
123	A3071	BEARING	×	×		×	
123	A2892	BEARING			×		×
124	15532	GASKET	×	×	×	×	×
125	17097	GASKET	×	×		×	
125	17386	GASKET			×		×
127	19974	INSERT VALVE	×	×	×	×	×
128	15719	PLUG	×	×	×	×	×
129	K-3209	IDLER SHAFT REPL. KIT	×	×	×	×	×
130	K-1945	SYNCHRONIZER KIT - (OLD)	×	×	×	×	×
130	K-1946	SYNCHRONIZER KIT - (NEW)	×	×	×	×	×
131	T20098	SYNCHRO CLUTCH ASSY - (NEW)	×	×			
131	T20099	SYNCHRO CLUTCH ASSY - (NEW)			×	×	×
132	K-1947	SYNCHRO KIT W/SLIDING CLUTCH	×	×			
132	K-1948	SYNCHRO KIT W/SLIDING CLUTCH			×	×	×

### FULLER<sup>®</sup> 10 SPEED MODELS RTO-11708LL, RTO-14708LL



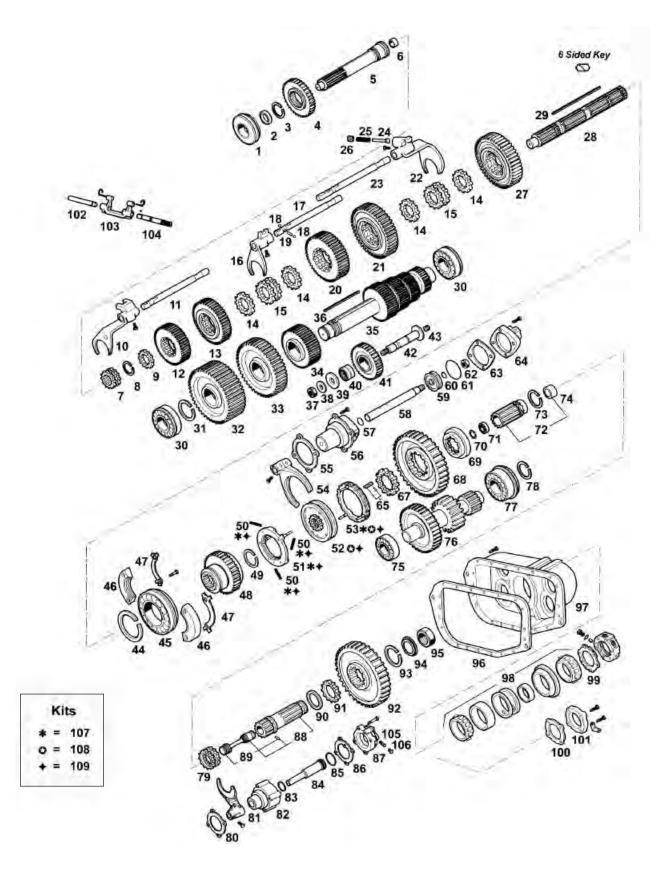
# FULLER<sup>®</sup> 10 SPEED

1         2122LV         BEARING         X         X           2         14463         SPACER         X         X           3         14750         SNAP RING         X         X           4         22028         GEAR MAIN DRIVE 68T         X         X           5         IMPUT SHAFTS (SEE PGS. 323-326)         X         X         X           6         1656         BUSHING         X         X         X           8         14711         WASHER S.6, 299-6, 350 MM (WHTE)         X         X         X           8         14711         WASHER S.6, 6053-6, 604 MM (ORANGE)         X         X         X           8         14714         WASHER S.6, 6053-6, 604 MM (PURPLE)         X         X         X           8         14716         WASHER S.6, 603-6, 805 MM (BLACK)         X         X         X           9         2002         SPACER         SEM M(YELLOW)         X         X         X           10         16136         SHIFT YOKE         X         X         X         X           11         1932         YOKE BAR         X         X         X         X           11         1932         YOKE	FIG.	PART#	DESCRIPTION	RTO-11708LL SERIES	RTO-14708 SERIES
3         14750         SNAP RING         X         X           4         22028         GEAR MAIN DRIVE 58T         X         X           5         INPUT SHAFTS (SEE PGS. 323-326)         X         X           6         1656         BLISHING         X         X           7         22026         SLIDING CLUTCH         X         X           8         14711         WASHER S.6, 299-6, 350 MM (WHITE)         X         X           8         14712         WASHER S.6, 629-6, 350 MM (WORANGE)         X         X           8         14713         WASHER S.6, 630-6, 731 MM (PURPLE)         X         X           8         14716         WASHER S.6, 693-6, 895 MM (BLACK)         X         X           9         22032         SPACER         X         X           10         16136         SHIFT YOKE         X' MODELS         X         X           11         18322         YOKE BAR *'' MODELS         X         X           12         14659         SHIFTING BLOCK - 'X' MODELS         X         X           13         22027         GEAR MS 48T         X         X           14         14750         SNAP RING         X	1	212SLV	BEARING	×	×
4         22028         GEAR MAIN DRIVE 56T         X         X           5         INPUT SHAFTS (SEE PGS. 223-26)         X         X         X           6         16566         BUSHING         X         X           7         22026         SLIDING CLUTCH         X         X           8         14711         WASHER S. 6.299-6, 300 MM (WHITE)         X         X           8         14713         WASHER S. 6.5, 604 MM (ORANGE)         X         X           8         14714         WASHER S. 6.5, 604 MM (ORANGE)         X         X           8         14715         WASHER S. 6.5, 604 MM (ORANGE)         X         X           8         14716         WASHER S. 6., 693-6, 985 MM (BLACK)         X         X           9         20032         SPACER         X         X           10         16136         SHIFT YOKE         X         X           11         16134         YOKE BAR         X         X           12         14659         SHIFT YOKE         X         X           13         20207         GEAR MS 40CK - "X" MODELS         X         X           14         14750         SHAP RING         X         X	2	16463	SPACER	×	×
5         INPUT SHAFTS (SEE PGS. 323-326)         ×         ×           6         16566         BUSHING         ×         ×           7         22026         SLIDING CLUTCH         ×         ×           8         14711         WASHER S.6, 299-6, 350 MM (WHITE)         ×         ×           8         14712         WASHER S.6, 629-6, 477 MM (GREEN)         ×         ×           8         14713         WASHER S.6, 604 MM (ORANGE)         ×         ×           8         14714         WASHER S.6, 600 A, 71 MM (URIPLE)         ×         ×           8         14715         WASHER S.6, 600 A, 71 MM (URIPLE)         ×         ×           8         14716         WASHER S.6, 600 A, 71 MM (URIPLE)         ×         ×           9         20202         SPACER         ×         ×         ×           10         16136         SHIFT YOKE         ×         ×         ×           11         16134         YOKE BAR         ×         ×         ×           11         16134         YOKE BAR         ×         ×         ×           12         14659         SHIFT YOKE         ×         MODELS         ×         × <td< td=""><td>3</td><td>14750</td><td>SNAP RING</td><td>×</td><td>×</td></td<>	3	14750	SNAP RING	×	×
6         16566         BUSHING         ×         ×           7         22026         SLIDING CLUTCH         ×         ×         ×           8         14711         WASHER S6, 299-6, 350 MM (WHITE)         ×         ×         ×           8         14712         WASHER S6, 696-6, 371 MM (ORANGE)         ×         ×         ×           8         14714         WASHER S6, 606-6, 731 MM (PURPLE)         ×         ×         ×           8         14716         WASHER S6, 697-6, 858 MM (PURPLE)         ×         ×         ×           8         14716         WASHER S6, 99-6, 350 MM (PURPLE)         ×         ×         ×           8         14716         WASHER S6, 99-6, 4858 MM (PURPLE)         ×         ×         ×           9         22032         SPACER         ×         ×         ×         ×           10         16136         SHIFT YOKE         ×         ×         ×         ×           11         16134         YOKE BAR         ×         ×         ×         ×           11         16134         YOKE BAR         ×         ×         ×         ×           12         19063         SHIFTING BLOCK         ×	4	22028	GEAR MAIN DRIVE 58T	×	×
7         22026         SLIDING CLUTCH         X         X           8         14711         WASHER S.6, 299-6, 350 MM (WHITE)         X         X           8         14712         WASHER S.6, 626-6, 477 MM (GREEN)         X         X           8         14713         WASHER S.6, 533-6, 604 MM (ORANGE)         X         X           8         14714         WASHER S.6, 533-6, 604 MM (ORANGE)         X         X           8         14715         WASHER S.6, 934-6, 895 MM (PURPLE)         X         X           8         14716         WASHER S.6, 934-6, 895 MM (BLACK)         X         X           9         22032         SPACER         X         X           10         16136         SHIFT YOKE         X         X           11         16134         YOKE BAR         X         X           11         1922         YOKE BAR -'X' MODELS         X         X           12         19063         SHIFTING BLOCK         X         X         X           13         22027         GEAR M/S 48T         X         X           14         14750         SNAP RING         X         X           15         20390         GEAR M/S 2ND 56T	5	INPUT SHAFTS	S (SEE PGS. 323-326)	×	×
8         14711         WASHER S.6, 299-6, 350 MM (WHITE)         X         X           8         14712         WASHER S.6, 426-6, 477 MM (GREEN)         X         X           8         14713         WASHER S.6, 636-6, 640 MM (ORANGE)         X         X           8         14714         WASHER S.6, 680-6, 731 MM (UPLPLE)         X         X           8         14715         WASHER S.6, 805-6, 858 MM (BLACK)         X         X           9         22032         SPACER         X         X           10         16136         SHIFT YOKE         X         X           10         16136         SHIFT YOKE         X         X           11         16134         YOKE BAR         X         X           12         14659         SHIFTING BLOCK         X         X           13         22027         GEAR MS 48T         X         X           14         14750         SNAP RING         X         X           15         20390         GEAR M/S 2ND 56T         X         X           14         14750         SNAP RING         X         X           16         16135         SHIFT YOKE 2ND         X         X <t< td=""><td>6</td><td>16566</td><td>BUSHING</td><td>×</td><td>×</td></t<>	6	16566	BUSHING	×	×
8         14712         WASHER S.6, 426-6, 477 MM (GREEN)         X         X           8         14713         WASHER S.6, 533-6, 604 MM (ORANGE)         X         X           8         14714         WASHER S.6, 603-6, 731 MM (PURPLE)         X         X           8         14716         WASHER S.6, 807-6, 858 MM (PLCUW)         X         X           8         14716         WASHER S.6, 807-6, 858 MM (PLCUW)         X         X           9         22032         SPACER         X         X           10         16136         SHIFT YOKE         X         X           10         20450         SHIFT WOKE         X         X           11         16134         YOKE BAR - "X" MODELS         X         X           12         19663         SHIFTING BLOCK         X         X           13         22027         GEAR MS 48T         X         X           14         14750         SNAP RING         X         X           15         20390         GEAR MS 2ND 56T         X         X           16         14749         SPACER         X         X           17         16118         SLIDING CLUTCH         X         X <td>7</td> <td>22026</td> <td>SLIDING CLUTCH</td> <td>×</td> <td>×</td>	7	22026	SLIDING CLUTCH	×	×
8         14713         WASHER S.6, 553-6, 604 MM (ORANCE)         X         X           8         14714         WASHER S.6, 680-6, 731 MM (PURPLE)         X         X           8         14716         WASHER S.6, 680-6, 731 MM (PURPLE)         X         X           8         14716         WASHER S.6, 680-6, 731 MM (PURPLE)         X         X           8         14716         WASHER S.6, 680-6, 731 MM (PURPLE)         X         X           8         14716         WASHER S.6, 680-6, 731 MM (PURPLE)         X         X           8         14716         WASHER S.6, 680-6, 731 MM (PURPLE)         X         X           9         22032         SPACER         X         X           10         16136         SHIFT YOKE         X         X           11         16132         SHIFT YOKE - "X" MODELS         X         X           12         14659         SHIFT MG BLOCK         X         X           13         22027         GEAR M/S 48T         X         X           14         14750         SNAP RING         X         X           15         20390         GEAR M/S 105 65T         X         X           16         14749         SPACER </td <td>8</td> <td>14711</td> <td>WASHER S.6, 299-6, 350 MM (WHITE)</td> <td>×</td> <td>×</td>	8	14711	WASHER S.6, 299-6, 350 MM (WHITE)	×	×
8         14714         WASHER S.6, 680-6, 731 MM (PURPLE)         X         X           8         14715         WASHER S.6, 807-6, 856 MM (YELLOW)         X         X           8         14716         WASHER S.6, 807-6, 856 MM (YELLOW)         X         X           9         22032         SPACER         X         X           10         16136         SHIFT YOKE         X         X           10         20450         SHIFT YOKE - "X" MODELS         X         X           11         16134         YOKE BAR - "X" MODELS         X         X           12         14659         SHIFTING BLOCK         X         X           13         22027         GEAR MS 48T         X         X           14         14750         SNAP RING         X         X           15         20390         GEAR MS 2ND 56T         X         X           16         14749         SPACER         X         X           18         16135         SHIFT YOKE 2ND         X         X           18         16133         YOKE BAR - "X" MODELS         X         X           18         16133         YOKE BAR - "X" MODELS         X         X      <	8	14712	WASHER S.6, 426-6, 477 MM (GREEN)	×	×
8         14715         WASHER S. 6, 807-6, 858 MM (YELLOW)         ×         ×           8         14716         WASHER S. 6, 934-6, 985 MM (BLACK)         ×         ×           9         22032         SPACER         ×         ×           10         16136         SHIFT YOKE         ×         ×           10         16136         SHIFT YOKE - *X* MODELS         ×         ×           11         16134         YOKE BAR         ×         ×           12         14659         SHIFTING BLOCK         ×         ×           13         22027         GEAR MS 48T         ×         ×           14         14750         SNAP RING         ×         ×           15         20390         GEAR MS 48T         ×         ×           16         14749         SPACER         ×         ×           17         16118         SLIDING CLUTCH         ×         ×         ×           18         1632         SHIFT YOKE - *X* MODELS         ×         ×         ×           18         1633         YOKE BAR         ×         ×         ×           19         16133         YOKE BAR         ×         ×	8	14713	WASHER S.6, 553-6, 604 MM (ORANGE)	×	×
8         14716         WASHER S.6, 935-46, 985 MM (BLACK)         ×         ×         ×         ×           9         22032         SPACER         ×         ×         ×         ×           10         16136         SHIFT YOKE         ×         ×         ×         ×           10         20450         SHIFT YOKE - "X" MODELS         ×         ×         ×           11         16134         YOKE BAR         ×         ×         ×           11         16134         YOKE BAR         ×         ×         ×           12         14659         SHIFTING BLOCK         ×         ×         ×           12         19063         SHIFTING BLOCK - "X" MODELS         ×         ×         ×           13         22027         GEAR MS 48T         ×         ×         ×           14         14750         SNAP RING         ×         ×         ×           15         20390         GEAR MS 2ND 56T         ×         ×         ×           16         14749         SPACER         ×         ×         ×           17         16118         SLIDING CLUTCH         ×         ×         ×           18	8	14714	WASHER S.6, 680-6, 731 MM (PURPLE)	×	×
9         22032         SPACER         X         X           10         16136         SHIFT YOKE         X         X           10         20450         SHIFT YOKE - 'X" MODELS         X         X           11         16134         YOKE BAR         X         X           12         14659         SHIFTING BLOCK         X         X           12         19063         SHIFTING BLOCK         X         X           13         22027         GEAR M/S 48T         X         X           14         14750         SNAP RING         X         X           15         20390         GEAR M/S 2ND 56T         X         X           16         14749         SPACER         X         X           17         16118         SLIDING CLUTCH         X         X           18         16135         SHIFT YOKE - '%" MODELS         X         X           19         16133         YOKE BAR - '%" MODELS         X         X           19         168927         YOKE BAR - '%" MODELS         X         X           20         14658         SHIFTING BLOCK         X         X           21         X-14-1200	8	14715	WASHER S.6, 807-6, 858 MM (YELLOW)	×	×
10         16136         SHIFT YOKE         X         X           10         20450         SHIFT YOKE - 'X' MODELS         X         X           11         16134         YOKE BAR         X         X           11         16134         YOKE BAR         X         X           12         14659         SHIFTING BLOCK         X         X           12         19063         SHIFTING BLOCK - 'X' MODELS         X         X           13         22027         GEAR M/S 48T         X         X           14         14750         SNAP RING         X         X           15         20390         GEAR M/S 2ND 56T         X         X           16         14749         SPACER         X         X           17         16118         SLIDING CLUTCH         X         X           18         16135         SHIFT YOKE 2ND         X         X           19         1832         SHIFT YOKE 2ND         X         X           20         14658         SHIFT YOKE 2ND         X         X           21         X-14-1200         BALL         X         X           22         1634         PIN	8	14716	WASHER S.6, 934-6, 985 MM (BLACK)	×	×
10         20450         SHIFT YOKE -"X" MODELS         X         X           11         16134         YOKE BAR         X         X           11         18928         YOKE BAR - "X" MODELS         X         X           12         14659         SHIFTING BLOCK         X         X           13         22027         GEAR M/S 48T         X         X           14         14750         SNAP RING         X         X           15         20390         GEAR M/S 2ND 56T         X         X           16         14749         SPACER         X         X           17         16118         SLDINC CLUTCH         X         X           18         18922         SHIFT YOKE 2ND         X         X           18         18922         SHIFT YOKE 2ND         X         X           19         16133         YOKE BAR         X         X           19         18927         YOKE BAR         X         X           20         14658         SHIFTING BLOCK         X         X           21         X-14-1200         BALL         X         X           22         1634         PIN         X </td <td>9</td> <td>22032</td> <td>SPACER</td> <td>×</td> <td>×</td>	9	22032	SPACER	×	×
11       16134       YOKE BAR       X       X         11       18928       YOKE BAR - "X" MODELS       X       X         12       14659       SHIFTING BLOCK       X       X         12       19063       SHIFTING BLOCK - "X" MODELS       X       X         13       22027       GEAR M/S 48T       X       X         14       14750       SNAP RING       X       X         15       20390       GEAR M/S 2ND 56T       X       X         16       14749       SPACER       X       X         17       16118       SLIDING CLUTCH       X       X         18       16135       SHIFT YOKE 2ND       X       X         18       18922       SHIFT YOKE 2ND       X       X         18       18922       SHIFT YOKE 2ND       X       X         19       16133       YOKE BAR       X       X         20       14658       SHIFTING BLOCK       X       X         21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 15T 60T       X <t< td=""><td>10</td><td>16136</td><td>SHIFT YOKE</td><td>×</td><td>×</td></t<>	10	16136	SHIFT YOKE	×	×
11         18928         YOKE BAR - "X" MODELS         X         X           12         14659         SHIFTING BLOCK         X         X           12         19063         SHIFTING BLOCK - "X" MODELS         X         X           13         22027         GEAR MS 48T         X         X           14         14750         SNAP RING         X         X           15         20390         GEAR MS 2ND 56T         X         X           16         14749         SPACER         X         X           17         16118         SLIDING CLUTCH         X         X           18         16135         SHIFT YOKE 2ND         X         X           18         18922         SHIFT YOKE 2ND         X         X           18         18922         SHIFT YOKE 2ND         X         X           19         16133         YOKE BAR         X         X           20         14658         SHIFTING BLOCK         X         X           21         X-14-1200         BALL         X         X           22         14658         SHIFTING BLOCK         X         X           23         20389         GEAR M/	10	20450	SHIFT YOKE - "X" MODELS	×	×
12       14659       SHIFTING BLOCK       ×       ×         12       19063       SHIFTING BLOCK - "X" MODELS       ×       ×         13       22027       GEAR M/S 48T       ×       ×         14       14750       SNAP RING       ×       ×         14       14750       SNAP RING       ×       ×         15       20390       GEAR M/S 2ND 56T       ×       ×         16       14749       SPACER       ×       ×         17       16118       SLIDING CLUTCH       ×       ×         18       16135       SHIFT YOKE 2ND       ×       ×         18       1633       YOKE BAR       ×       ×         19       16133       YOKE BAR       ×       ×         19       18927       YOKE BAR       ×       ×         20       14658       SHIFTING BLOCK       ×       ×         21       X-14-1200       BALL       ×       ×         22       1634       PIN       ×       ×         23       20389       GEAR M/S 1ST 60T       ×       ×         24       16754       GEAR M/S LOW 44T       ×       × <td>11</td> <td>16134</td> <td>YOKE BAR</td> <td>×</td> <td>×</td>	11	16134	YOKE BAR	×	×
12       19063       SHIFTING BLOCK - "X" MODELS       X       X         13       22027       GEAR M/S 48T       X       X         14       14750       SNAP RING       X       X         15       20390       GEAR M/S 2ND 56T       X       X         16       14749       SPACER       X       X         17       16118       SLIDING CLUTCH       X       X         18       1635       SHIFT YOKE 2ND       X       X         18       18922       SHIFT YOKE - "X" MODELS       X       X         19       16133       YOKE BAR       X       X         20       14658       SHIFTING BLOCK       X       X         21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         26       18926       YOKE BAR - "X" MODELS	11	18928	YOKE BAR - "X" MODELS	×	×
13       22027       GEAR M/S 48T       X       X         14       14750       SNAP RING       X       X         15       20390       GEAR M/S 2ND 56T       X       X         16       14749       SPACER       X       X         17       16118       SLIDING CLUTCH       X       X         18       1635       SHIFT YOKE 2ND       X       X         18       18922       SHIFT YOKE - "X" MODELS       X       X         19       16133       YOKE BAR       X       X         20       14658       SHIFTING BLOCK       X       X         21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X	12	14659	SHIFTING BLOCK	×	×
13       22027       GEAR M/S 48T       X       X         14       14750       SNAP RING       X       X         15       20390       GEAR M/S 2ND 56T       X       X         16       14749       SPACER       X       X         17       16118       SLIDING CLUTCH       X       X         18       1635       SHIFT YOKE 2ND       X       X         18       18922       SHIFT YOKE - "X" MODELS       X       X         19       16133       YOKE BAR       X       X         20       14658       SHIFTING BLOCK       X       X         21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X	12	19063	SHIFTING BLOCK - "X" MODELS	×	×
15       20390       GEAR M/S 2ND 56T       X       X         16       14749       SPACER       X       X         17       16118       SLIDING CLUTCH       X       X         18       16135       SHIFT YOKE 2ND       X       X         18       18922       SHIFT YOKE 2ND       X       X         18       18922       SHIFT YOKE - "X" MODELS       X       X         19       16133       YOKE BAR       X       X         20       14658       SHIFTING BLOCK       X       X         21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         26       16132       YOKE BAR       X       X         26       16132       YOKE BAR       X       X         27       10019       PIN       X       X     <	13	22027		×	×
16         14749         SPACER         ×         ×           17         16118         SLIDING CLUTCH         ×         ×           18         16135         SHIFT YOKE 2ND         ×         ×           18         18922         SHIFT YOKE 2ND         ×         ×           19         16133         YOKE BAR         ×         ×           19         16133         YOKE BAR         ×         ×           20         14658         SHIFTING BLOCK         ×         ×           20         14658         SHIFTING BLOCK         ×         ×           20         14658         SHIFTING BLOCK         ×         ×           21         X-14-1200         BALL         ×         ×           22         1634         PIN         ×         ×           23         20389         GEAR M/S LOW 44T         ×         ×           24         16754         GEAR M/S LOW 44T         ×         ×           25         16131         REVERSE YOKE         ×         ×           26         18926         YOKE BAR - "X" MODELS         ×         ×           27         10019         PIN         ×	14	14750	SNAP RING	×	×
17       16118       SLIDING CLUTCH       X       X         18       16135       SHIFT YOKE 2ND       X       X         18       18922       SHIFT YOKE - "X" MODELS       X       X         19       16133       YOKE BAR       X       X         19       16133       YOKE BAR - "X" MODELS       X       X         20       14658       SHIFTING BLOCK       X       X         21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         26       16132       YOKE BAR       X       X         26       16132       YOKE BAR - "X" MODELS       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN	15	20390	GEAR M/S 2ND 56T	×	×
18       16135       SHIFT YOKE 2ND       X       X         18       18922       SHIFT YOKE - "X" MODELS       X       X         19       16133       YOKE BAR       X       X         19       18927       YOKE BAR - "X" MODELS       X       X         20       14658       SHIFTING BLOCK       X       X         21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X         28       6392       SPRING       X       X         29       8968       PLUG       X       X         30       16756       REVERSE GEAR M/S 46T       X       X         31       S-2120       MAIN SHAFT ASSY 17T       X       X	16	14749	SPACER	×	×
18       18922       SHIFT YOKE - "X" MODELS       X       X         19       16133       YOKE BAR       X       X         19       18927       YOKE BAR - "X" MODELS       X       X         20       14658       SHIFTING BLOCK       X       X         21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X         28       6392       SPRING       X       X         29       8968       PLUG       X       X         30       16756       REVERSE GEAR M/S 46T       X       X         31       S-2120       MAIN SHAFT ASSY 17T       X       X	17	16118	SLIDING CLUTCH	×	×
18       18922       SHIFT YOKE - "X" MODELS       X       X         19       16133       YOKE BAR       X       X         19       18927       YOKE BAR - "X" MODELS       X       X         20       14658       SHIFTING BLOCK       X       X         21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X         28       6392       SPRING       X       X         29       8968       PLUG       X       X         30       16756       REVERSE GEAR M/S 46T       X       X         31       S-2120       MAIN SHAFT ASSY 17T       X       X	18	16135	SHIFT YOKE 2ND	×	×
19       16133       YOKE BAR       X       X         19       18927       YOKE BAR - "X" MODELS       X       X         20       14658       SHIFTING BLOCK       X       X         21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       16926       YOKE BAR - "X" MODELS       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X         28       6392       SPRING       X       X         29       8968       PLUG       X       X         30       16756       REVERSE GEAR M/S 46T       X       X         31       S-2120       MAIN SHAFT ASSY 17T       X       X					
19       18927       YOKE BAR - "X" MODELS       X       X         20       14658       SHIFTING BLOCK       X       X         21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       1632       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X         28       6392       SPRING       X       X         29       8968       PLUG       X       X         30       16756       REVERSE GEAR M/S 46T       X       X         31       S-2120       MAIN SHAFT ASSY 17T       X       X					
20         14658         SHIFTING BLOCK         X         X           21         X-14-1200         BALL         X         X           22         1634         PIN         X         X           23         20389         GEAR M/S 1ST 60T         X         X           24         16754         GEAR M/S LOW 44T         X         X           25         16131         REVERSE YOKE         X         X           26         16132         YOKE BAR         X         X           27         10019         PIN         X         X           28         6392         SPRING         X         X           29         8968         PLUG         X         X           30         16756         REVERSE GEAR M/S 46T         X         X           31         S-2120         MAIN SHAFT ASSY 17T         X         X					
21       X-14-1200       BALL       X       X         22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       1632       YOKE BAR       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X         28       6392       SPRING       X       X         29       8968       PLUG       X       X         30       16756       REVERSE GEAR M/S 46T       X       X         31       S-2120       MAIN SHAFT ASSY 17T       X       X					
22       1634       PIN       X       X         23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       16132       YOKE BAR       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X         28       6392       SPRING       X       X         29       8968       PLUG       X       X         30       16756       REVERSE GEAR M/S 46T       X       X         31       S-2120       MAIN SHAFT ASSY 17T       X       X					
23       20389       GEAR M/S 1ST 60T       X       X         24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       16132       YOKE BAR       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X         28       6392       SPRING       X       X         29       8968       PLUG       X       X         30       16756       REVERSE GEAR M/S 46T       X       X         31       S-2120       MAIN SHAFT ASSY 17T       X       X					
24       16754       GEAR M/S LOW 44T       X       X         25       16131       REVERSE YOKE       X       X         26       16132       YOKE BAR       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X         28       6392       SPRING       X       X         29       8968       PLUG       X       X         30       16756       REVERSE GEAR M/S 46T       X       X         31       S-2120       MAIN SHAFT ASSY 17T       X       X					
25       16131       REVERSE YOKE       X       X         26       16132       YOKE BAR       X       X         26       18926       YOKE BAR - "X" MODELS       X       X         27       10019       PIN       X       X         28       6392       SPRING       X       X         29       8968       PLUG       X       X         30       16756       REVERSE GEAR M/S 46T       X       X         31       S-2120       MAIN SHAFT ASSY 17T       X       X					
26         16132         YOKE BAR         X         X           26         18926         YOKE BAR - "X" MODELS         X         X           27         10019         PIN         X         X           28         6392         SPRING         X         X           29         8968         PLUG         X         X           30         16756         REVERSE GEAR M/S 46T         X         X           31         S-2120         MAIN SHAFT ASSY 17T         X         X					
26         18926         YOKE BAR - "X" MODELS         X         X           27         10019         PIN         X         X           28         6392         SPRING         X         X           29         8968         PLUG         X         X           30         16756         REVERSE GEAR M/S 46T         X         X           31         S-2120         MAIN SHAFT ASSY 17T         X         X					
27         10019         PIN         X         X           28         6392         SPRING         X         X           29         8968         PLUG         X         X           30         16756         REVERSE GEAR M/S 46T         X         X           31         S-2120         MAIN SHAFT ASSY 17T         X         X					
28         6392         SPRING         X         X           29         8968         PLUG         X         X           30         16756         REVERSE GEAR M/S 46T         X         X           31         S-2120         MAIN SHAFT ASSY 17T         X         X					
29         8968         PLUG         X         X           30         16756         REVERSE GEAR M/S 46T         X         X           31         S-2120         MAIN SHAFT ASSY 17T         X         X					
30         16756         REVERSE GEAR M/S 46T         ×         ×         ×           31         S-2120         MAIN SHAFT ASSY 17T         ×         ×         ×					
31         S-2120         MAIN SHAFT ASSY 17T         X         X					
PARTS LISTED IN THIS CATALOG ARE NOT NECESSARILY MANUFACTURED BY THE ORIGINAL EQUIPMENT MANUFACTURER AND ANY REFERENCE TO THE TRADEMARKS OR PART NUMBERS				1	

FIG.	PART#	DESCRIPTION	RTO-11708LL SERIES	RTO-14708 SERIES
33	62504	PIN 3X16	×	×
34	X-7-1005	BOLT 5/8"	×	×
35	19548	LOCKING DISK	×	×
36	62511	PIN	×	×
37	MS1309GEXR	BEARING	×	×
38	19198	SNAP RING	×	×
39	21020	GEAR C/S 62T	×	×
40	15953	GEAR C/S PTO 47T - LH PTO (LEFT)	×	×
40	20840	GEAR C/S PTO 45T - RH PTO (RIGHT)	×	×
41	20459	GEAR C/S 69T	×	×
42	20482	C/S 2ND 44T	×	×
43	20471	GEAR C/S 1ST 35T	×	×
44	19549	COUNTERSHAFT 17T	×	×
44	K-2953	COUNTERSHAFT KIT W/KEYS	×	×
45	19673	KEY	×	×
46	62511	PIN	×	×
47	X-6-E	KEY	×	×
48	MU1308TV	BEARING	×	×
49	14317	SNAP RING	×	×
50	X-1-1008	NUT	×	×
51	14283	WASHER	×	×
52	14282	WASHER - (OLD)	×	×
52	4302982	WASHER - (NEW)	×	×
53	FWA1830	BEARING	×	×
54	16757	REVERSE GEAR 27T	×	×
56	16405	REVERSE GEAR PIN	×	×
57	5202	PLUG	×	×
58	21320	SNAP RING RETAINER	×	×
59	16763	SNAP RING	×	×
60	16628	SNAP RING	×	×
61	118L	BEARING	×	×
62	16138	RETAINER RING	×	×
63	21322	GEAR AUX. DRIVE 34T	×	×
64	14897	SPRING	×	×
65	A-4938	SYNCHRONIZER RING	×	×
66	20323	SLIDING CLUTCH	×	×
67	A-4937	SYNCHRONIZER RING	×	×
68	A-5159	SELECTOR FORK	×	×
69	A-5160	SELECTOR FORK	×	×
70	21332	GASKET	×	×
71	21330	CYLINDER	×	×
72	14765	O-RING	×	×

FIG.	PART#	DESCRIPTION	RTO-11708LL SERIES	RTO-14708 SERIES
73	14341	PISTON	×	×
74	14345	O-RING	×	×
75	14344	O-RING	×	×
76	X-1-1010	NUT	×	×
77	21331	GASKET	×	×
78	21329	CYLINDER COVER	×	×
79	14644	O-RING	×	×
80	21338	GASKET	×	×
81	21337	PISTON	×	×
82	20423	O-RING	×	×
83	X-1-803	NUT	×	×
84	21365	NUT	×	×
85	17332	PIN	×	×
86	21347	WASHER	×	×
87	21350	WASHER S.6, 60-6, 55 MM	×	×
88	21319	GEAR 48T	×	×
89	21352	BUSHING	×	×
90	A-5156	MAIN SHAFT ASSY 18T	×	×
91	21652	PIN	×	×
92	21360	SLIDING CLUTCH	×	×
93	ST4276	BEARING	×	×
94	A-5157	COUNTERSHAFT ASSY	×	×
95	21342	WASHER	×	×
96	21323	OUTPUT SHAFT	×	
96	21325	OUTPUT SHAFT 18T		×
97	21353	WASHER	×	
97	21354	WASHER		×
98	21361	GEAR 48T	×	×
99	21357	WASHER	×	
99	21358	WASHER		×
100	22254	NUT	×	×
101	14335	GASKET	×	×
102	21431	REAR HOUSING	×	×
103	21356	BEARING	×	×
104	21364	GASKET	×	×
105	21345	GASKET	×	×
106	21346	COVER	×	×
107	19974	INSERT VALVE	×	×
108	15719	PLUG	×	×
109	K-3209	IDLER SHAFT REPL. KIT	×	×
110	K-1946	SYNCHRONIZER KIT	×	×
111	T20099	SYNCHRO CLUTCH ASSY	×	×
112	K-1947	SYNCHRO KIT W/SLIDING CLUTCH (OLD)	×	×

### FULLER<sup>®</sup> 10 SPEED MODEL 7608LL SERIES



# FULLER<sup>®</sup> 10 SPEED

FIG.	PART#	DESCRIPTION	7608LL SERIES	FIG.	PA
1	81568	BEARING	×	_21	207
2	20778	SPACER	×	_22	206
3	15973	SNAP RING	×	23	159
4	20671	GEAR MAIN DRIVE	×	_24	100
5	INPUT SHA	AFTS (SEE PGS. 323-326)		_25	639
6	15977	BUSHING	×	_26	896
7	21662	SLIDING CLUTCH	×	_27	205
8	15980	SNAP RING	×	28	206
9	21664	WASHER S.6, 58-6, 63 MM	×	29	A-4
		(ORANGE)		30	MU
9	21665	WASHER S.6, 68-6, 73 MM	×	31	142
		(PURPLE)		32	205
9	21666	WASHER S.6, 81-6, 86 MM	×	33	205
		(YELLOW)		34	205
9	21667	WASHER S.6, 93-6, 98 MM	×	35	A-5
		(BLACK)		36	206
9	21668	WASHER S.7, 7.06-7,11 MM	×	37	X-1
		(RED)		38	206
10	20622	SHIFT YOKE 3RD	×	39	206
11	15101	YOKE BAR	×	40	WJ
		GEAR M/S	×	41	206
		GEAR M/S	×	42	206
14	20617	WASHER (ORANGE)	×	43	520
14	20618	WASHER (PURPLE)	×	44	159
14	20619	WASHER (YELLOW)	×	45	117
14	20620	WASHER (BLACK)	×	46	230
14	20621	WASHER (RED)	×	47	230
15	20615	SLIDING CLUTCH	×	48	223
16	20624	SHIFT YOKE	×	49	149
17	15100	YOKE BAR	×	50	148
18	X-14-1200	BALL	×	51	A-4
19	1634	PIN	×	52	203
20	20593	GEAR M/S	×	53	A-4

FIG.	PART#	DESCRIPTION	7608LL SERIES
21	20794	GEAR M/S	×
_22	20626	SHIFT YOKE	×
_23	15910	YOKE BAR	×
_24	10019	PIN	×
25	6392	SPRING	×
26	8968	PLUG	×
27	20597	REVERSE GEAR	×
28	20614	MAIN SHAFT	×
29	A-4989	KEY & PIN ASSY	×
30	MU1307GUN	BEARING	×
31	14286	SNAP RING	×
32	20576	GEAR C/S	×
33	20583	GEAR C/S	×
34	20587	GEAR C/S	×
35	A-5030	COUNTERSHAFT ASSY	×
36	20604	KEY	×
37	X-1-1008	NUT	×
38	20613	WASHER	×
39	20612	WASHER	×
40	WJ162116	BEARING	×
41	20608	REVERSE GEAR	×
42	20610	REVERSE GEAR PIN	×
43	5202	PLUG	×
44	15994	SNAP RING	×
45	117L	BEARING	×
46	23064	RETAINER	×
47	23066	LOCK WASHER	×
48	22371	GEAR AUX. DRIVE	×
49	14993	SNAP RING	×
50	14897	SPRING	×
51	A-4938	SYNCHRONIZER RING	×
52	20323	SLIDING CLUTCH	
53	A-4937	SYNCHRONIZER RING	×

FIG.	PART#	DESCRIPTION	7608LL SERIES	FIG.	PART#
_54	16775	SHIFT YOKE	×	82	21210
_54	22823	SHIFT YOKE (LATEST)	×	83	21208
55	14347	GASKET	×	84	21233
_56	16777	AUXILIARY CYLINDER	×	85	21209
_57	14765	O-RING	×	86	17073
58	16776	YOKE BAR	×	87	4300927
59	14341	PISTON	×	88	A-4738
60	14345	O-RING	×	89	K-1644
61	14344	O-RING	×	90	14332
62	X-1-1010	NUT	×	91	18250
63	14349	GASKET	×	92	20022
_64	19690	CYLINDER COVER	×	93	14327
65	A-3697	KEY & PIN ASSY	×	94	16310
67	15932	WASHER S.5, 13-5, 18 MM	×	95	22254
		(BLACK)		96	14335
67	17257	WASHER S.5, 23-5, 28 MM	×	97	S-1300
		(PURPLE)		98	A3071
67	17258	WASHER S.5, 33-5, 38 MM	×	99	15532
		(YELLOW)		100	17097
68	22370	GEAR M/S	×	101	16724
69	18193	COUPLER M/S	×	102	14494
70	14291	SNAP RING	×	103	12817
71	204	BEARING	×	104	1984
72	K-1546	MAIN SHAFT KIT	×	104	1983
73	18135	SNAP RING	×	105	19974
_74	16516	BUSHING	×	106	15719
75	23261	BEARING	×	107	K-1946
76	A-5317	COUNTERSHAFT ASSY	×	108	T20099
_77	1310L	BEARING	×	109	K-1947
78	16723	SNAP RING	×		
79	15959	SLIDING CLUTCH	×	109	K-1948
80	14632	GASKET	×		
81	16517	SHIFT YOKE	×		

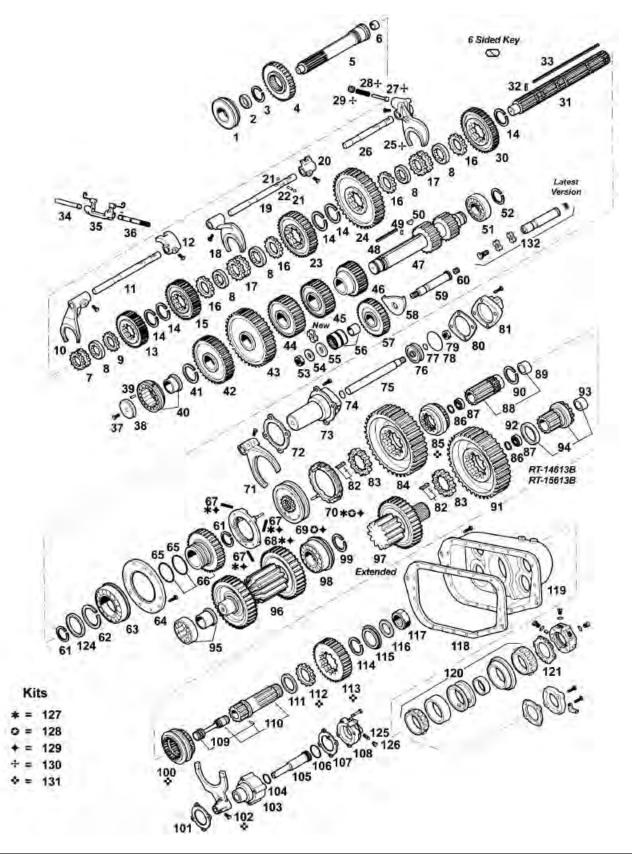
FIG.	PART#	DESCRIPTION	7608LL SERIES
82	21210	AUXILIARY CYLINDER	×
83	21208	O-RING	×
84	21233	YOKE BAR	×
85	21209	O-RING	×
86	17073	GASKET	×
87	4300927	CYLINDER COVER	×
88	A-4738	OUTPUT SHAFT 18T	×
89	K-1644	REPL. QUILL KIT	×
90	14332	WASHER	×
91	18250	SPACER	×
92	20022	GEAR 46T	×
93	14327	SNAP RING	×
94	16310	WASHER S.7, 93 MM	×
95	22254	NUT	×
96	14335	GASKET	×
97	S-1300	REAR HOUSING	×
98	A3071	BEARING	×
99	15532	GASKET	×
100	17097	GASKET	×
101	16724	COVER	×
102	14494	PEDAL SHAFT	×
103	12817	YOKE-CLUTCH RELEASE	×
104	1984	PEDAL SHAFT	×
104	1983	PEDAL SHAFT	×
105	19974	INSERT VALVE	×
106	15719	PLUG	×
107	K-1946	SYNCHRONIZER KIT	×
108	T20099	SYNCHRO CLUTCH ASSY	×
109	K-1947	SYNCHRO KIT W/	×
		SLIDING CLUTCH (OLD)	
109	K-1948	SYNCHRO KIT W/	×
		SLIDING CLUTCH (NEW)	

# Notes

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#### FULLER<sup>®</sup> 13 SPEED MODELS RT-11613, RTO-11613, RTOO-11613, RT-14613, RT-14613B, RTO-14613, RTOO-14613, RT-14813, RT-15613, RT-15613B, RTO-15613



# FULLER<sup>®</sup> 13 SPEED

			67.5	R70.11612	R700.110	'073 672	Rr.1461.35	RTO. 1461.	R700.746	°073 873	67,2 67,2	57.5	RL15613	RTO. 75673
FIG	. PART#	DESCRIPTION	RT-11612	PTO.1	<sup>\$70</sup> 0	RT-14613	R7.14	RTO.7	<sup>4</sup> 700	RT-14813	Rr. 15613	Rr. 1561 .	R7.75	R70.1
1	212SLV	BEARING	×	×	×	×	×	×	×	×	×	×	×	×
2	16463	SPACER	×	×	×	×	×	×	×	×	×	×	×	×
3	14750	SNAPRING	×	×	×	×	×	×	×	×	×	×	×	×
4	20458	GEAR MAIN DRIVE 48T	×	×		×	×	×		×	×			×
4	21019	GEAR MAIN DRIVE 52T			×									
4	21019	GEAR MAIN DRIVE 52T							×					
4	22961	GEAR MAIN DRIVE 52T							×					
4	F96482	GEAR MAIN DRIVE											×	×
5	INPUT SH	AFTS (SEE PGS. 327-328)												
6	16566	BUSHING	×	×	×	×	×	×	×	×	×			×
7	16118	SLIDING CLUTCH	×	×	×	×	×	×		×	×	×	×	×
7	16118	SLIDING CLUTCH							×					
7	22026	SLIDING CLUTCH							×					
8	14711	WASHER S.6, 299-6,	×	×	×	×	×	×	×	×	×	×	×	×
		350 MM (WHITE)												
8	14712	WASHER S.6, 426-6	×	×	×	×	×	×	×	×	×	×	×	×
		477 MM (GREEN)												
8	14713	WASHER S.6, 553-6,	×	×	×	×	×	×	×	×	×	×	×	×
		604 MM (ORANGE)												
8	14714	WASHER S.6, 680-6,	×	×	×	×	×	×	×	×	×	×	×	×
		731 MM (PURPLE)												
8	14715	WASHER S.6, 807-6,	×	×	×	×	×	×	×	×	×	×	×	×
		858 MM (YELLOW)												
8	14716	WASHER S.6, 934-6,	×	×	×	×	×	×	×	×	×	×	×	×
		985 MM (BLACK)												
9	14749	SPACER	×	×	×	×	×	×		×	×	×	×	×
9	14749	SPACER							×					
9	22032	SPACER							×					
10	16136	SHIFT YOKE	×	×	×	×	×	×	×	×	×	×	×	×
11	16134	YOKE BAR	×	×	×	×	×	×	×	×	×	×	×	×
12	14659	SHIFTING BLOCK	×	×	×	×	×	×	×	×	×	×	×	×
13	20391	GEAR M/S 3RD 58T	×	×		×	×	×		×	×			×
13	21261	GEAR M/S 42T			×									
13	21261	GEAR M/S 42T							×					
13	23102	GEAR M/S 42T							×					
		CATALOG ARE NOT NECESSARILY MANI		•	•		•	•	•		•			

Like         DESCRIPTION         Like         Discription         Like         Discription         Discription <th></th> <th></th> <th></th> <th>د<i>ا</i>ر</th> <th>610</th> <th>110</th> <th>£10'</th> <th>e t</th> <th>464.</th> <th>140.</th> <th>~073 7.3</th> <th>, <sup>2</sup>, <sup>2</sup></th> <th>c L</th> <th>, cl</th> <th>56.1.5 S6.1.5</th>				د <i>ا</i> ر	610	110	£10'	e t	464.	140.	~073 7.3	, <sup>2</sup> , <sup>2</sup>	c L	, cl	56.1.5 S6.1.5
13     Feeddo     GEAR MS <td< th=""><th>FIG.</th><th>PART#</th><th>DESCRIPTION</th><th>RT. 116</th><th>RTO.71</th><th>RTOO.</th><th>RT-146</th><th>RT-146</th><th>RTO.1</th><th>RTOO.</th><th>RT. 148</th><th>RT-156</th><th>RT-156</th><th>RT-156</th><th>RTO. 15612</th></td<>	FIG.	PART#	DESCRIPTION	RT. 116	RTO.71	RTOO.	RT-146	RT-146	RTO.1	RTOO.	RT. 148	RT-156	RT-156	RT-156	RTO. 15612
15     20300     GEAR MYS 2ND 56T     X <td< td=""><td>13</td><td>F96480</td><td>GEAR M/S</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>×</td><td></td></td<>	13	F96480	GEAR M/S											×	
15         19622         GEAR M/S 2ND SPD 507	14	14750	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
15       F96478       GEAR M/S	15	20390	GEAR M/S 2ND 56T	×	×			×	×	×		×	×		×
16     14749     SPACER     ×  <	15	19622	GEAR M/S 2ND SPD 50T			×				×					
17       16118       SLIDING CLUTCH       ×	15	F96478	GEAR M/S										×	×	
18     16135     SHIFT YOKE 2ND     X	16	14749	SPACER	×	×	×	×	×	×	×	×	×	×	×	×
19     16133     YOKE BAR     X<	17	16118	SLIDING CLUTCH	×	×	×	×	×	×	×	×	×	×	×	×
20     14658     SHIFTING BLOCK     X	18	16135	SHIFT YOKE 2ND	×	×	×	×	×	×	×	×	×	×	×	×
21     X-14-1200     BALL     X<	19	16133	YOKE BAR	×	×	×	×	×	×	×	×	×	×	×	×
22     1634     PIN     x <t< td=""><td>20</td><td>14658</td><td>SHIFTING BLOCK</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td></t<>	20	14658	SHIFTING BLOCK	×	×	×	×	×	×	×	×	×	×	×	×
23       20389       GEAR M/S 1ST 60T $\times$ <td>21</td> <td>X-14-1200</td> <td>BALL</td> <td>×</td>	21	X-14-1200	BALL	×	×	×	×	×	×	×	×	×	×	×	×
23       21024       GEAR M/S 1ST SPD 60T       .<	22	1634	PIN	×	×	×	×	×	×	×	×	×	×	×	×
23         F96476         GEAR M/S         X	23	20389	GEAR M/S 1ST 60T	×	×		×	×	×		×	×			×
24       16754       GEAR M/S LOW 44T       X	23	21024	GEAR M/S 1ST SPD 60T			×				×					
24     F96309     GEAR M/S     I	23	F96476	GEAR M/S											×	×
2516131REVERSE YOKE××× <td>24</td> <td>16754</td> <td>GEAR M/S LOW 44T</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td></td> <td></td> <td>×</td>	24	16754	GEAR M/S LOW 44T	×	×	×	×	×	×	×	×	×			×
2616132YOKE BAR××× <t< td=""><td>24</td><td>F96309</td><td>GEAR M/S</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>×</td><td>×</td><td></td></t<>	24	F96309	GEAR M/S										×	×	
2710019PINXX </td <td>25</td> <td>16131</td> <td>REVERSE YOKE</td> <td>×</td>	25	16131	REVERSE YOKE	×	×	×	×	×	×	×	×	×	×	×	×
286392SPRING××	26	16132	YOKE BAR	×	×	×	×	×	×	×	×	×	×	×	×
298968PLUG×× </td <td>27</td> <td>10019</td> <td>PIN</td> <td>×</td>	27	10019	PIN	×	×	×	×	×	×	×	×	×	×	×	×
30       16756       REVERSE GEAR M/S 46T $\times$	28	6392	SPRING	×	×	×	×	×	×	×	×	×	×	×	×
30F96310REVERSE GEARIII </td <td>29</td> <td>8968</td> <td>PLUG</td> <td>×</td>	29	8968	PLUG	×	×	×	×	×	×	×	×	×	×	×	×
31       S-1341       MAIN SHAFT ASSY 17T       ×<	30	16756	REVERSE GEAR M/S 46T	×	×	×	×	×	×	×	×	×			×
3262504PIN 3X16××× <t< td=""><td>30</td><td>F96310</td><td>REVERSE GEAR</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>×</td><td>×</td><td></td></t<>	30	F96310	REVERSE GEAR										×	×	
3317109KEYXX </td <td>31</td> <td>S-1341</td> <td>MAIN SHAFT ASSY 17T</td> <td>×</td>	31	S-1341	MAIN SHAFT ASSY 17T	×	×	×	×	×	×	×	×	×	×	×	×
3414494PEDAL SHAFTXXXXXXXXX3512817YOKE-CLUTCH RELEASEXX </td <td>32</td> <td>62504</td> <td>PIN 3X16</td> <td>×</td>	32	62504	PIN 3X16	×	×	×	×	×	×	×	×	×	×	×	×
3512817YOKE-CLUTCH RELEASE××<	33	17109	KEY	×	×	×	×	×	×	×	×	×	×	×	×
361984PEDAL SHAFT×××	34	14494	PEDAL SHAFT	×	×	×	×	×	×	×	×				
36       1983       PEDAL SHAFT       ×	35	12817	YOKE-CLUTCH RELEASE	×	×	×	×	×	×	×	×				
37     X-7-1005     BOLT 5/8"     X </td <td>36</td> <td>1984</td> <td>PEDAL SHAFT</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td></td> <td></td> <td></td> <td></td>	36	1984	PEDAL SHAFT	×	×	×	×	×	×	×	×				
38 19668 LOCKING DISK ×	36	1983	PEDAL SHAFT	×	×	×	×	×	×	×	×				
	37	X-7-1005	BOLT 5/8"	×	×	×	×	×	×	×	×	×	×	×	×
38         19548         LOCKING DISK         X	38	19668	LOCKING DISK	×											l
	38	19548	LOCKING DISK		×	×	×	×	×	×	×	×	×	×	×

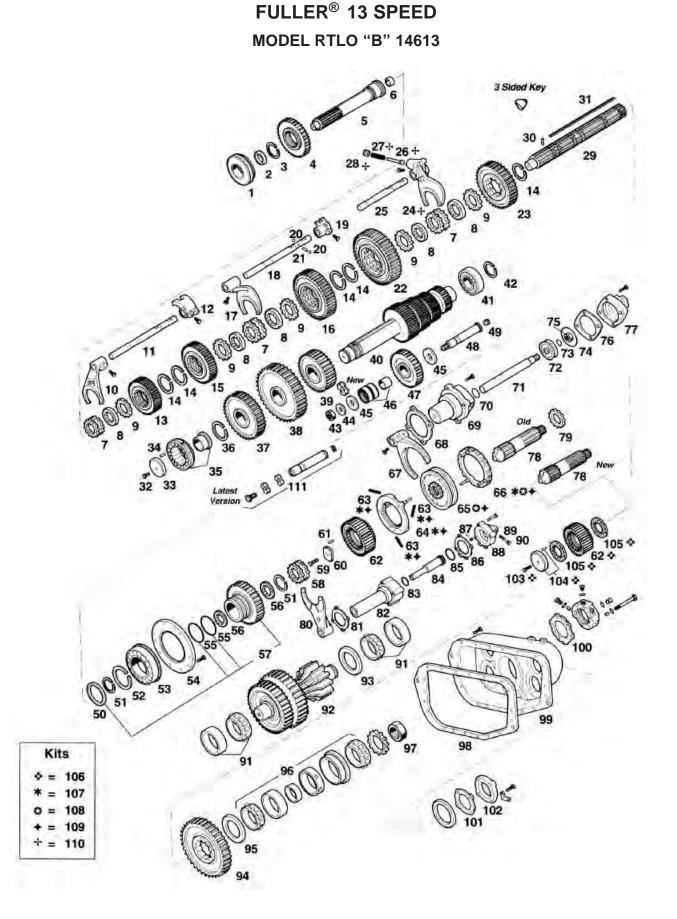
			RT-11613	RTO. 17613	R700.775	RT-14613	RT-146132	RTO.1461	R700.74	RT-14813	RT. 15613	RT-15613	RT. 156122	RTO. 15612
FIG	. PART#	DESCRIPTION	AL.	A70	A70	R	RY.	RYC	ATC	RY	R	Rr	RY.	ATO
39	62511	PIN	×	×	×	×	×	×	×	×	×	×	×	
40	1309L	BEARING	×											
40	MS1309GEX	R BEARING		×	×	×	×	×	×	×	×	×	×	×
41	19198	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
_42	20459	GEAR C/S 69T	×	×		×	×	×		×	×			×
42	21018	GEAR C/S 66T			×				×					
42	F96483	GEAR C/S										×	×	
43	15953	GEAR C/S PTO 47T LH	×	×	×	×	×	×	×	×	×	×	×	×
		PTO - (LEFT)												
43	20840	GEAR C/S PTO 45T RH	×	×	×	×	×	×	×	×	×	×	×	×
		PTO - (RIGHT)												
44	21020	GEAR C/S 62T	×	×		×	×	×		×	×			×
44	21262	GEAR C/S 73T			×				×					
44	F96481	GEAR C/S										×	×	
45	20482	GEAR C/S 2ND 44T	×	×		×	×	×		×	×			×
45	21264	GEAR C/S 46T			×				×					
45	F96479	GEAR C/S										×	×	
46	20471	GEAR C/S 1ST 35T	×	×		×	×	×		×	×			×
46	21025	GEAR C/S 1ST 39T			×				×					
46	F96477	GEAR C/S										×	×	
47	19549	COUNTERSHAFT 17T	×	×	×	×	×	×	×	×	×			×
47	K-2953	COUNTERSHAFT KIT	×	×	×	×	×	×	×	×	×			×
		W/KEYS												
47	F96315	COUNTERSHAFT										×	×	
48	19673	KEY	×	×	×	×	×	×	×	×	×	×	×	×
49	62511	PIN	×	×	×	×	×	×	×	×	×	×	×	×
50	X-6-E	KEY	×	×	×	×	×	×	×	×	×	×	×	×
51	MU1308TV	BEARING	×	×	×	×	×	×	×	×	×	×	×	×
52	14317	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
53	X-1-1008	NUT	×	×	×	×	×	×	×	×	×	×	×	×
54	14283	WASHER	×	×	×	×	×	×	×	×	×	×	×	×
55	14282	WASHER (OLD)	×	×	×	×	×	×	×	×	×	×	×	×
55	4302982	WASHER - (NEW)	×	×	×	×	×	×	×	×	×	×	×	×
	FWA1830	BEARING	×	×	×	×	×	×	×	×	×	×	×	×
		-												-

			ŝ	57.3	. Je	5 ° °	42	57.5	4610		.02	د <sup>ي</sup> (	20	73 73
FIG	PART#	DESCRIPTION	RT-11613	RT0.17613	RTOO.TTE.	RL14613	RT-14613D	RTO.14613	R700.1461	RT-14813	RL15613	RL.15613	RL156135	RTO. 75613
57	16757	REVERSE GEAR 27T	& ×	×	<i>4</i> −   ×	<i>4</i> −   ×	<b>∉</b>   ×	×	×	×	<i>₹</i> ×	&	~	<i>4</i> ∼
57	F96316	REVERSE GEAR										×	×	
58	16403	WASHER	×	×	×	×	×	×	×	×	×	×	×	×
59	16405	REVERSE GEAR PIN	×	×	×	×			×	×	×	×	×	×
60	5202	PLUG	×	×	×	×	×		×	×	×	×	×	×
61	16763	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
62	16628	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
63	118L	BEARING	×	×	×	×	×	×	×	×	×	×	×	×
64	16138	RETAINER RING	×	×	×	×	×	×	×	×	×	×	×	×
65	17453	RETAINER RING	×	×	×	×	×	×	×	×	×	×	×	×
66	K-1788	AUX. DRIVE GEAR KIT	×	×		×		×			×			×
		40T												
66	K-1789	AUX. DRIVE GEAR KIT			×				×					
		44T												
66	21234	GEAR AUX. DRIVE 40T					×							
66	T20303	AUX. DRIVE GEAR KIT					×							
		40T												
66	K-2316	AUX. DRIVE GEAR KIT 40T								×				
66	F96474	AUX. DRIVE GEAR KIT										×	×	
67	14897	SPRING	×	×	×	×	×	×	×	×	×	×	×	×
68	A-4938	SYNCHRONIZER RING	×	×	×	×	×	×	×	×	×	×	×	×
69	16759	SLIDING CLUTCH - (OLD)	×	×	×	×	×	×	×	×	×	×	×	×
69	20323	SLIDING CLUTCH - (NEW)	×	×	×	×	×	×	×	×	×	×	×	×
70	A-4416	SYNCHRONIZER RING -	×	×	×	×	×	×	×	×	×	×	×	×
		(OLD)												
70	A-4937	SYNCHRONIZER RING -	×	×	×	×	×	×	×	×	×	×	×	×
		(NEW)												
71	16775	SHIFT YOKE	×	×	×	×	×	×	×	×	×	×	×	×
71	22823	SHIFT YOKE (LATEST)	×	×	×	×	×	×	×	×	×	×	×	×
72	14347	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
73	16777	AUXILIARY CYLINDER	×	×	×	×	×	×	×	×	×	×	×	×
74	14765	O-RING	×	×	×	×	×	×	×	×	×	×	×	×
75	16776	YOKE BAR	×	×	×	×	×	×	×	×	×	×	×	×
76	14341	PISTON	×	×	×	×	×	×	×	×	×	×	×	×
77	14345	O-RING	×	×	×	×	×	×	×	×	×	×	×	×
DADTO		S CATALOG ARE NOT NECESSARILY MANU												

			•		R700.72	, 673 2		87 F	R700.740	°073	, o	۰۰ c		0B
	<b>D4 D7</b> //		RT.11612	RTO.1762	, , , , , , , , , , , , , , , , ,	RE14613	RT-14612	RT0.1464	, 00 , 1, 00	RT. 14873	RT. 1567.5	RT. 15673	RT. 1561 3.	RTO-75673
		DESCRIPTION		<i>&amp;</i>	<u> </u>	<u> </u>	<u> </u>	<b>&amp;</b>	<i>A</i> ,	<i>¥</i>	<i>ل</i> م ×	- <b>&amp;</b>   ×	<i>\</i>	<i>₽</i>
	14344	O-RING	×	×	×	×	×	×	×	×			×	
79	X-1-1010	NUT	×	×	×	×		×	×	×	×	×	×	×
80	14349	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
81	19690	CYLINDER COVER	×	×	×	×	×	×	×	×	×	×	×	×
82	A-3697	KEY & PIN ASSY	×	×	×	×	×	×	×	×	×	×	×	×
83	15932	WASHER S.5, 13-5,	×	×	×	×	×	×	×	×	×	×	×	×
		18 MM (BLACK)												
83	17257	WASHER S.5, 23-5,	×	×	×	×	×	×	×	×	×	×	×	×
		28 MM (PURPLE)												
83	17258	WASHER S.5, 33-5,	×	×	×	×	×	×	×	×	×	×	×	×
		38 MM (YELLOW)												
84	19221	GEAR M/S 56T	×	×										
84	19257	GEAR M/S 48T			×									
84	20388	GEAR M/S 56T				×		×		×	×			×
84	19214	GEAR M/S 48T							×					
85	19131	COUPLER M/S	×	×	×	×		×	×	×	×	×		×
86	14291	SNAP RING	×	×	×	×		×	×	×	×	×		×
87	204	BEARING	×	×	×	×		×	×	×	×	×		×
88	K-1546	MAIN SHAFT KIT	×	×	×	×		×	×	×	×	×		×
89	16516	BUSHING	×	×	×	×		×	×	×	×	×		×
90	18135	SNAP RING	×	×	×	×		×	×	×	×	×		×
91	F96414	GEAR M/S 56T					×							
91	F96472	GEAR M/S										×	×	
92	F96528	RING					×						×	
93	F96526	BUSHING					×						×	
94	T20213	MAIN SHAFT KIT					×						×	
95	MR1307EL	BEARING D.80X35X21	×	×	×	×	×	×	×	×	×	×	×	×
96	A-4956	AUX. COUNTERSHAFT	×			×					×			
		ASSY												
96	A-4957	AUX. COUNTERSHAFT		×				×						×
		ASSY												
96	A-4726	AUX. COUNTERSHAFT			×				×					
		ASSY												
96	A-5466	AUX. COUNTERSHAFT								×				
		ASSY												
L														

			RL71613	0.7764.	R700.77	RT-14673	RT-1461	0.140	R100.13	RL14812	RT. 15K	RT-156	RL13	RT0.13B
FIG	. PART#	DESCRIPTION		Å.	A A	Å.	Å.	4	A A	Ŕ	Å.	Å.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8
97	A-5105	AUX. COUNTERSHAFT	×			×								
		ASSY												
97	A-5106	AUX. COUNTERSHAFT		×				×						
		ASSY												
97	A-5107	AUX. COUNTERSHAFT			×				×					
		ASSY												
97	U14622	AUX. COUNTERSHAFT					×							
		ASSY												
97	U-15043	AUX. COUNTERSHAFT										×	×	
		ASSY												
98	1310L	BEARING	×	×	×	×	×	×	×	×	×	×	×	×
99	16723	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
100	19132	SLIDING CLUTCH	×	×	×	×	×	×	×	×	×	×	×	×
101	14632	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
102	19128	SHIFT YOKE	×	×	×	×	×	×	×	×	×	×	×	×
103	17070	AUXILIARY CYLINDER	×	×	×	×	×	×	×	×	×	×	×	×
103	21210	AUXILIARY CYLINDER	×	×	×	×	×	×	×	×	×	×	×	×
104	14644	O-RING	×	×	×	×	×	×	×	×	×	×	×	×
104	21208	O-RING	×	×	×	×	×	×	×	×	×	×	×	×
105	16961	YOKE BAR	×	×	×	×	×	×	×	×	×	×	×	×
105	21211	YOKE BAR	×	×	×	×	×	×	×	×	×	×	×	×
106	14621	O-RING	×	×	×	×	×	×	×	×	×	×	×	×
106	21209	O-RING	×	×	×	×	×	×	×	×	×	×	×	×
107	17073	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
108	4300927	CYLINDER COVER	×	×	×	×	×	×	×	×	×	×	×	×
109	K-1644	REPL. QUILL KIT	×	×	×	×	×	×	×	×	×	×	×	×
	A-4738	OUTPUT SHAFT 18T -	×	×	×									
		10 SPL.												
110	A-4414	OUTPUT SHAFT 18T -				×		×	×	×				
		10 SPL.												
110	T20201	OUTPUT SHAFT ASSY					×					×	×	
	120201	18/54T - 54 SPL.												
110	A-4975	OUTPUT SHAFT 18T -									×			×
	11-1010	10 SPL.												Â
111	1/322	WASHER												
	14332	WAONER	×	×	×									<u> </u>

			رع رع	673	1164.	2/3 13	104	Bo	£/0	4673	2	5	£. 1	673
FIG	. PART#	DESCRIPTION	R <sub>L11613</sub>	RTO.11613	RTOO. TIES	RE14613	RT. 146735	RTO.746	R700.1	461, RT.14813	RL15612	RLIE	2013 RL156132	RTO.15613
111	18019	WASHER				×	×	×	×	×	×	X	×	×
112	18250	SPACER	×	×	×									
112	18251	SPACER				×	×	×	×	×	×	×	×	×
113	20918	GEAR 52T	×			×	×			×	×			
113	20917	GEAR 40T		×	×			×	×					×
113	F96470	GEAR										×	×	
114	14327	SNAP RING	×	×	×	×	×	×	×	×	×	×	×	×
115	16310	WASHER S.7, 93 MM	×	×	×									
115	16315	WASHER				×	×	×	×	×	×	×	×	×
116	16337	WASHER S.4, 76 MM				×	×	×	×	×	×	×	×	×
117	22254	NUT	×	×	×	×	×	×	×	×	×	×	×	×
118	14335	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
119	18700	REAR HOUSING	×	×	×									
119	18786	REAR HOUSING				×	×	×	×	×	×	×	×	×
120	A3071	BEARING	×	×	×									
120	A2892	BEARING				×	×	×	×	×	×	×	×	×
121	15532	GASKET	×	×	×	×	×	×	×	×	×	×	×	×
124	21320	SNAP RING RETAINER	×	×	×	×	×	×	×	×	×			×
125	19974	INSERT VALVE	×	×	×	×	×	×	×	×	×	×	×	×
126	15719	PLUG	×	×	×	×	×	×	×	×	×	×	×	×
127	K-1945	SYNCHRONIZER KIT- (OLD)	×	×	×	×	×	×	×	×	×	×	×	×
127	K-1946	SYNCHRONIZER KIT-(NEW)	×	×	×	×	×	×	×	×	×	×	×	×
128	T20099	SYNCHRO CLUTCH ASSY (NEW)	×	×	×	×	×	×	×	×	×	×	×	×
129	K-1947	SYNCHRO KIT W/SLIDING	×	×	×	×	×	×	×	×	×	×	×	×
		CLUTCH (OLD)												
129	K-1948	SYNCHRO KIT W/SLIDING	×	×	×	×	×	×	×	×	×	×	×	×
		CLUTCH (NEW)												
130	S-1219	YOKE ASSY	×	×	×	×	×	×	×	×	×	×	×	×
131	K-1959	GEAR KIT - SPLITTER	×											
131	K-1960	GEAR KIT - SPLITTER		×	×									
131	K-1961	GEAR KIT - SPLITTER				×				×	×			
131	K-1962	GEAR KIT - SPLITTER						×	×					×
132	K-3209	IDLER SHAFT REPL. KIT	×	×	×	×	×	×	×	×	×	×	×	×



# FULLER<sup>®</sup> 13 SPEED

FIG.	PART#	DESCRIPTION	RTLO"B" 14613	FIG.	PART#	R
1	212SLV	BEARING	X	18	16133	YOKE BAR
2	16463	SPACER	×	19	14658	SHIFTING BLOCK
3	14750	SNAP RING	×	20	X-14-1200	BALL
4	20458	GEAR MAIN DRIVE 48T	×	_21	1634	PIN
5	INPUT SHA	FTS (SEE PGS. 327-328)		_22	4300654	GEAR M/S 46T
6	16566	BUSHING	×	_23	16756	REVERSE GEAR M/S 46T
7	16118	SLIDING CLUTCH	×	_24	16131	REVERSE YOKE
8	4300830	WASHER (BLUE)	×	_25	16132	YOKE BAR
8	4300382	WASHER (WHITE)	×	26	10019	PIN
8	4300383	WASHER (GREEN)	×	27	6392	SPRING
8	4300384	WASHER (ORANGE)	×	_28	8968	PLUG
8	4300385	WASHER (PURPLE)	×	_29	S-1561	MAIN SHAFT ASSY 17T
8	4300386	WASHER (YELLOW)	×	30	62504	PIN 3X16
8	4300387	WASHER (BLACK)	×	31	4300890	KEY
9	14749	SPACER	×	32	X-7-1005	BOLT 5/8"
10	16136	SHIFT YOKE	×	33	19548	LOCKING DISK
11	16134	YOKE BAR	×	34	62511	PIN
12	14659	SHIFTING BLOCK	×	35	MS1309GEXR	BEARING
13	21587	GEAR M/S 58T	×	36	19198	SNAP RING
14	14750	SNAP RING	×	37	21586	GEAR C/S 69T
15	21589	GEAR M/S 24T	×	38	21588	GEAR C/S 60T
16	21591	GEAR M/S 60T	×	39	15953	GEAR C/S PTO 47T -
17	16135	SHIFT YOKE 2ND	×			LH PTO - LEFT

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RTLO"B" 14613 ×

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FIG.	PART#	DESCRIPTION	RTLO"B" 14613	FIG.	PART#	DESCRIPTION	RTLO"B" 14613
39	20840	GEAR C/S PTO 45T -	×	60	21606	RETAINER	×
		RH PTO - (RIGHT)		61	62511	PIN	×
40	A-6689	COUNTERSHAFT ASSY	×	62	21931	GEAR M/S 38T	×
_41	MU1308TV	BEARING	×	_63	14897	SPRING	×
_42	14317	SNAP RING	×	_64	A-4938	SYNCHRONIZER RING	×
43	X-1-1008	NUT	×	65	20323	SLIDING CLUTCH	×
_44	14283	WASHER	×	_66	A-4937	SYNCHRONIZER RING	×
45	14282	WASHER (OLD)	×	67	16775	SHIFT YOKE	×
45	4302982	WASHER (NEW)	×	_67	22823	SHIFT YOKE (LATEST)	×
_46	FWA1830	BEARING	×	_68	14347	GASKET	×
47	16757	REVERSE GEAR 27T	×	_69	16778	CYLINDER	×
48	16405	REVERSE GEAR PIN	×	70	14765	O-RING	×
49	5202	PLUG	×	_71	4300183	YOKE BAR	×
50	21320	SNAP RING RETAINER	×	72	14341	PISTON	×
_51	16763	SNAP RING	×	_73	14345	O-RING	×
52	16628	SNAP RING	×	_74	14344	O-RING	×
_53	118L	BEARING	×	_75	X-1-1010	NUT	×
54	16138	RETAINER RING	×	_76	14349	GASKET	×
_55	17453	RETAINER RING	×	_77	19690	CYLINDER COVER	×
56	21599	WASHER	×	78	21604	MAIN SHAFT - (OLD)	×
57	K-3189	AUX. GEAR KIT	×	78	4302059	OUTPUT SHAFT - (NEW)	×
58	21930	SLIDING CLUTCH 29T	×	79	19203	SPACER	×
59	X-7-1005	BOLT	×	80	21607	SHIFT YOKE	×

FIG.	PART#	DESCRIPTION	RTLO"B" 14613	FIG.	PART#	DESCRIPTION	RTLO 1461
81	14632	GASKET	×	<u>103</u>	X-7-1005	BOLT	>
82	21609	CYLINDER	×	104	A-6340	LOCKING DISK	>
83	21208	O-RING	×	105	4302058	BEARING	>
84	4300182	YOKE BAR	×	106	K-2616	MAINSHAFT REPL. KIT	>
_ 85	21209	O-RING	×	107	K-1946	SYNCHRONIZER KIT	>
_86	17073	GASKET	×	108	T20099	SYNCHRO CLUTCH ASSY	:
_87	X-12-101	PLUG	×	109	K-1947	SYNCHRO KIT W/SLIDING	
_88	21760	CYLINDER COVER	×			CLUTCH (OLD)	
_89	19974	INSERT VALVE	×	109	K-1948	SYNCHRO KIT W/SLIDING	
90	4301233	REDUCER BUSHING	×			CLUTCH (NEW)	
91	ST4276	BEARING	×	<u>110</u>	S-1219	YOKE ASSY	
92	A-5747	AUX. COUNTERSHAFT	×	111	K-3209	IDLER SHAFT REPL. KIT	
		ASSY					
93	4300184	WASHER	×				
_94	21918	GEAR M/S 50T	×				
95	16772	WASHER	×			OUR SALES REP F	OR
96	A2892	BEARING	×		BEAF	RING & SEAL KITS	
97	22254	NUT	×				
98	14335	GASKET	×				
_99	4300863	REAR COVER	×				
<u>100</u>	15532	GASKET	×				
101	4300186	GASKET	×				
102	4300185	REAR COVER	×				

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RTLO"B" 14613  $\times$ 

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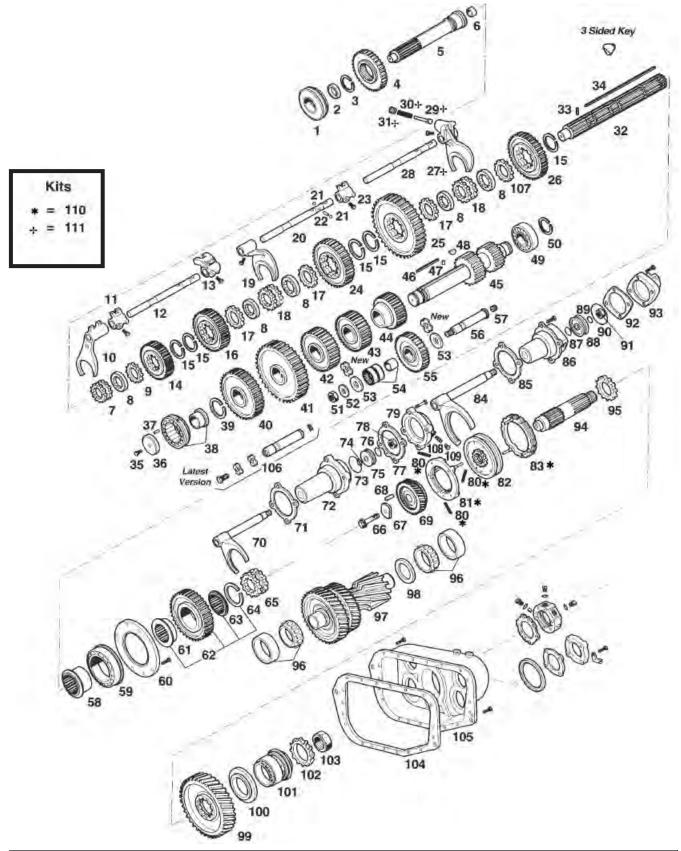
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#### **FULLER® 13 SPEED**

#### MODEL RTLO-12713, RTLO-14713, RTLO-16713



# FULLER<sup>®</sup> 13 SPEED

FIG.	PART#	DESCRIPTION	RTLO- 12713	RTLO- 14713	RTLO- 16713
1	212SLV	BEARING	×	×	×
2	16463	SPACER	×	×	×
3	14750	SNAP RING	×	×	×
4	22959	GEAR MAIN DRIVE	×		
4	22961	GEAR MAIN DRIVE 52T		×	
4	4300238	GEAR MAIN DRIVE 52T			×
5	INPUT SHAFT	TS (SEE PGS. 327-328)			
6	16566	BUSHING	×	×	×
7	22026	SLIDING CLUTCH	×	×	×
8	4300830	WASHER (BLUE)	×	×	×
8	4300382	WASHER (WHITE)	×	×	×
8	4300383	WASHER (GREEN)	×	×	×
8	4300384	WASHER (ORANGE)	×	×	×
8	4300385	WASHER (PURPLE)	×	×	×
8	4300386	WASHER (YELLOW)	×	×	×
8	4300387	WASHER (BLACK)	×	×	×
9	22032	SPACER	×	×	×
10	20450	SHIFT YOKE	×	×	×
11	20120	SHIFTING BLOCK	×	×	×
12	18928	YOKE BAR	×	×	×
13	19063	SHIFTING BLOCK	×	×	×
14	23102	GEAR M/S 42T	×		
14	4300190	GEAR M/S 42T		×	×
15	14750	SNAP RING	×	×	×
16	19622	GEAR M/S 2ND SPEED 50T	×	×	×
17	14749	SPACER	×	×	×
18	16118	SLIDING CLUTCH	×	×	×
19	18922	SHIFT YOKE	×	×	×
20	18927	YOKE BAR	×	×	×
_21	X-14-1200	BALL	×	×	×
22	1634	PIN	×	×	×
23	14658	SHIFTING BLOCK	×	×	×
24	21024	GEAR M/S 1ST SPEED 60T	×	×	

FIG.	PART#	DESCRIPTION	RTLO- 12713	RTLO- 14713	RTLO- 16713
24	4300240	GEAR M/S 60T			×
25	4300033	GEAR M/S 46T	×	×	
25	4300242	GEAR M/S			×
26	23653	REVERSE GEAR	×	×	×
27	16131	REVERSE YOKE	×	×	×
28	18926	YOKE BAR	×	×	×
29	10019	PIN	×	×	×
30	6392	SPRING	×	×	×
31	8968	PLUG	×	×	×
32	S-2562	MAIN SHAFT 17T	×	×	×
33	62504	PIN 3X16	×	×	×
34	4300120	KEY	×	×	×
35	X-7-1005	BOLT 5/8"	×	×	×
36	19548	LOCKING DISK	×	×	×
37	62511	PIN	×	×	×
38	MS1309GEXR	BEARING	×	×	×
39	19198	SNAP RING	×	×	×
_40	21018	GEAR C/S 66T	×	×	
40	21018	GEAR C/S 66T			×
41	15953	GEAR C/S PTO 47T - LH PTO (LEFT)	×	×	×
41	20840	GEAR C/S PTO 45T - RH PTO (RIGHT)	×	×	×
42	21262	GEAR C/S 73T	×		
42	4300191	GEAR C/S 73T		×	×
_43	21264	GEAR C/S 46T	×	×	×
44	21025	GEAR C/S 1ST 39T	×	×	
44	4300241	GEAR C/S 39T			×
45	K-2956	COUNTERSHAFT KIT	×	×	
45	K-2958	COUNTERSHAFT KIT			×
_46	19673	KEY	×	×	×
47	62511	PIN	×	×	×
48	X-6-E	KEY	×	×	×
49	MU1308TV	BEARING	×	×	×
50	14317	SNAP RING	×	×	×

FIG.	PART#	DESCRIPTION	RTLO- 12713	RTLO- 14713	RTLO- 16713
51	X-1-1008	NUT	×	×	×
52	14283	WASHER	×	×	×
53	14282	WASHER - (OLD)	×	×	×
53	4302982	WASHER - (NEW)	×	×	×
54	FWA1830	BEARING	×	×	×
_55	16757	REVERSE GEAR 27T	×	×	×
56	16405	REVERSE GEAR PIN	×	×	×
57	5202	PLUG	×	×	×
58	4302046	SPACER	×	×	×
59	5566503	BEARING	×	×	×
60	4300894	RETAINER RING	×	×	×
61	4300911	SPACER	×	×	×
62	K-2807	GEAR AUX. DRIVE	×	×	
62	K-2808	GEAR AUX. DRIVE			×
63	4303185	WASHER	×	×	×
64	4301254	SNAP RING	×	×	×
65	4300907	SLIDING CLUTCH	×	×	×
66	X-7-1007	BOLT 5/8"	×	×	×
67	4302334	LOCKING DISK	×	×	×
68	62511	PIN	×	×	×
69	4301838	GEAR 38T	×	×	
69	4302041	GEAR			×
70	A-6304	WELDED YOKE ASSY	×	×	
70	A-6303	WELDED YOKE ASSY			×
71	14632	GASKET	×	×	×
72	21609	CYLINDER	×	×	×
73	21208	O-RING	×	×	×
74	13653	O-RING	×	×	×
75	4301964	PISTON	×	×	×
76	21209	O-RING	×	×	×
77	17073	GASKET	×	×	×
78	X-1-805	NUT	×	×	×
79	4300927	CYLINDER COVER	×	×	×

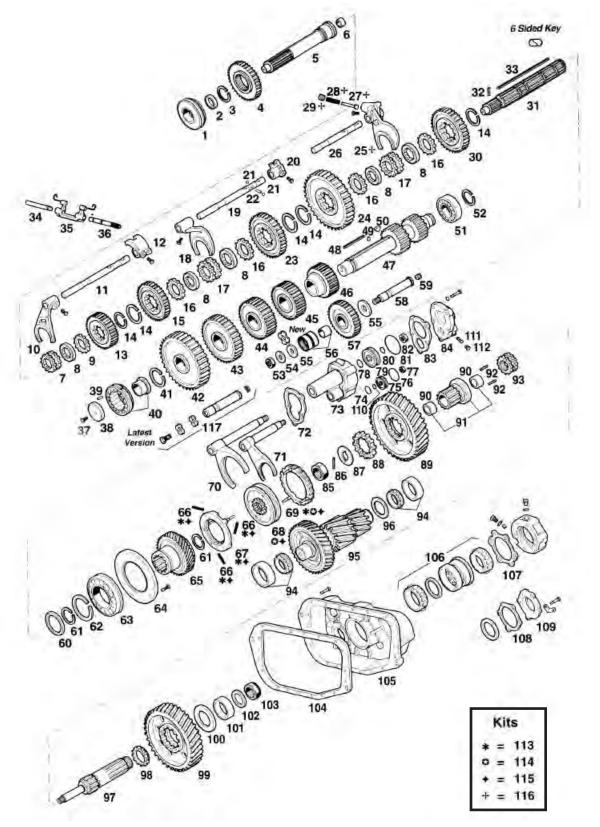
FIG.	PART#	DESCRIPTION	RTLO- 12713	RTLO- 14713	RTLO- 16713
80	14897	SPRING	×	×	×
81	A-4938	SYNCHRONIZER RING	×	×	×
82	4303386	SLIDING CLUTCH	×	×	×
83	A-4937	SYNCHRONIZER RING	×	×	×
84	A-6188	WELDED YOKE ASSY	×	×	
84	A-6224	WELDED YOKE ASSY			×
85	14347	GASKET	×	×	×
86	430184	CYLINDER	×	×	×
87	14765	O-RING	×	×	×
88	14341	PISTON	×	×	×
89	14345	O-RING	×	×	×
_90	14344	O-RING	×	×	×
91	X-1-1010	NUT	×	×	×
92	14349	GASKET	×	×	×
93	19690	CYLINDER COVER	×	×	×
94	4301079	MAIN SHAFT	×		
94	4301075	MAIN SHAFT		×	×
_95	4301842	WASHER	×	×	×
96	ST4276	BEARING	×	×	
96	4301851	BEARING			×
97	A-5942	AUX. SHAFT	×	×	
97	A-6604	AUX. SHAFT			×
98	21342	WASHER	×	×	
98	4300897	WASHER			×
99	4300934	GEAR 56T	×	×	
99	4300940	GEAR 56T			×
100	4300912	SPACER	×	×	×
101	21355	BEARING	×		
101	21356	BEARING		×	×
102	20192	SPACER	×		
102	20191	SPACER		×	×
103	22254	NUT	×	×	×

FIG.	PART#	DESCRIPTION	RTLO- 12713	RTLO- 14713	RTLO- 16713
105	4300915	REAR COVER			×
106	K-3209	IDLER SHAFT REPL. KIT	×	×	×
107	4302047	SPACER	×	×	×
108	19974	INSERT VALVE	×	×	×
109	15719	PLUG	×	×	×
110	K-1946	SYNCHRONIZER KIT	×	×	×
111	S-1219	YOKE ASSY	×	×	×
112	K-1947	SYNCHRO KIT W/SLIDING CLUTCH (OLD)	×	×	×
112	K-1948	SYNCHRO KIT W/SLIDING CLUTCH (NEW)	×	×	×

## **CALL YOUR SALES REP FOR BEARING & SEAL KITS**



#### FULLER<sup>®</sup> 15 SPEED MODEL RT-11715, RTO-11715, RTX-11715, RT-14715, RTO-14715, RTO-14715, RT-15715, RTO-15715, RTX-15715



## FULLER<sup>®</sup> 15 SPEED

FIG		DESCRIPTION	RL1175	RTO.71715	R7X-11215	×14715	< R10,14715	R1X-14275	RT.15715	RT0.75715	R1X, 15715
rig 1	. PART# 212SLV	DESCRIPTION BEARING	<i>€</i> -	<i>€</i> ×	<i>€</i> -	ie ×	<i>€</i>   ×	<i>€</i> ×	<b>€</b> ×	<i>€</i> -	<b>€</b> ×
2	16463	SPACER	×	×	×	×	×	×	×	×	×
3	14750	SNAP RING	×	×	×	×	×	×	×	×	×
4	20458	GEAR MAIN DRIVE 48T	×		~	×			×		
4	20430	GEAR MAIN DRIVE 54T		×	×		×	×	~	×	×
5		IAFTS (SEE PGS. 329-330)			~						
6	16566	BUSHING	×	×	×	×	×	×	×	×	×
7	16118	SLIDING CLUTCH	×			×			×		
	22026	SLIDING CLUTCH		×	×		×	×	^		
			×	×	×	×	×	×	×	×	×
8	14711	WASHER S.6, 299-6, 350 MM (WHITE)	×				×		×	×	
8	14712	WASHER S.6, 426-6, 477 MM (GREEN)		×	×						×
8	14713	WASHER S.6, 553-6, 604 MM (ORANGE)	×	×	×	×	×	×	×	×	×
8	14714	WASHER S.6, 680-6, 731 MM (PURPLE)					×	×		×	
8	14715	WASHER S.6, 807-6, 858 MM (YELLOW)	×	×	×				×		×
8	14716	WASHER S.6, 934-6, 985 MM (BLACK)	×	×	×	×	×	×	×	×	×
9	14749	SPACER	×	~	X	×			×	×.	V
9	22032	SPACER		×	×		×	×		×	×
10	16136	SHIFT YOKE	×	×		×	×		×	×	
10	20450	SHIFT YOKE			×			×			×
11	16134	YOKE BAR	×	×		×	×		×	×	
11	18928	YOKE BAR			×			×			×
12	14659	SHIFTING BLOCK	×	×		×	×		×	×	
12	19063	SHIFTING BLOCK			×			×			×
13	20377	GEAR M/S 54T	×			×			×		
13	22027	GEAR M/S 48T		×	×		×	×			
13	22031	GEAR M/S 48T								×	×
14	14750	SNAP RING	×	×	×	×	×	×	×	×	×
15	20379	GEAR M/S 54T	×	×	×	×	×	×	×	×	×
16	14749	SPACER	×	×	×	×	×	×	×	×	×
_17	16118	SLIDING CLUTCH	×	×	×	×	×	×	×	×	×
18	16135	SHIFT YOKE 2ND	×	×		×	×		×	×	
18	18922	SHIFT YOKE			×			×			×
19	16133	YOKE BAR	×	×		×	×		×	×	

			-11715	0.11715	X,11715	14715	0.14715	X-14715	-15715	RTO.15715	R1X-15715
		SCRIPTION	R)	4		Ŕ	<i>A</i> ,		4	<i>A</i> )	<i>&amp;</i>
19	18927	YOKE BAR			×			×			×
20	14658	SHIFTING BLOCK	×	×	×	×	×	×	×	×	×
21	X-14-1200	BALL	×	×	×	×	×	×	×	×	×
22	1634	PIN	×	×	×	×	×	×	×	×	×
23	20381	GEAR M/S 58T	×	×	×	×	×	×	×	×	×
_24	20383	GEAR M/S 66T	×	×	×	×	×	×	×	Х	×
25	16131	REVERSE YOKE	×	×	×	×	×	×	×	×	×
26	16132	YOKE BAR	×	×		×	×		×	×	
26	18926	YOKE BAR			×			×			×
27	10019	PIN	×	×	×	×	×	×	×	×	×
28	6392	SPRING	×	×	×	×	×	×	×	×	×
29	8968	PLUG	×	×	×	×	×	×	×	×	×
30	16949	GEAR M/S 46T	×	×	×	×	×	×	×	×	×
31	S-2120	MAIN SHAFT ASSY 17T	×	×	×	×	×	×	×	×	×
32	62504	PIN 3X16	×	×	×	×	×	×	×	×	×
33	21326	KEY	×	×	×	×	×	×	×	×	×
34	14494	PEDAL SHAFT	×	×	×	×	×	×	×	×	×
35	12817	YOKE-CLUTCH RELEASE	×	×	×	×	×	×	×	×	×
36	1984	PEDAL SHAFT	×	×	×	×	×	×	×	×	×
36	1983	PEDAL SHAFT	×	×	×	×	×	×	×	×	x
37	X-7-1005	BOLT	×	×	×	×	×	×	×	×	×
38	19668	LOCKING DISK	×	~	~		~	~	~	~	
			^	×	×	~	×	×	~	V	
38	19548	LOCKING DISK	X	×	×	X	×	×	×	×	×
39	62511	PIN	×	×	×	×	×	×	×	×	×
	1309L	BEARING	×								
40	MS1309GEXR			×	×	×	×	×	×	×	×
41	19198	SNAP RING	×	×	×	×	×	×	×	×	×
	20459	GEAR C/S 69T	×			×			×		
_42	20461	GEAR C/S 61T		×	X		×	×		Х	×
43	15953	GEAR C/S PTO 47T- LH PTO (LEFT)	×	×	×	×	×	×	×	×	×
43	20840	GEAR C/S PTO 45T- RH PTO (RIGHT)	×	×	×	×	×	×	×	×	×
44	20461	GEAR C/S 61T	×			×			×		

510		DECODIDITION	RT-11715	RT0-11715	RTX-11715	RT-14715	RTO.14715	R7X-14715	r15715	RT0.15715	R1X-15715
<b>FIG</b> 44	20459	DESCRIPTION GEAR C/S 69T	<i>&amp;</i>	& ×	<i>€</i>   ×	<u>م</u>	<b>~</b> ∕ ×	& ×	& 	<b>₹</b> ×	& ×
45	20380	GEAR C/S 47T	×	×	×	×	×	×	×	×	×
46	20382	GEAR C/S 39T	×	×	×	×	×	×	×	×	×
40	K-1925	COUNTERSHAFT KIT	×	×	×	×	×	×	^	~	
47	K-1926	COUNTERSHAFT KIT		~					×	×	×
48	19673	KEY	×	×	×	×	×	×	×	×	×
		PIN	×							×	
49	62511			×	×	×	×	×	×		×
50	Х-6-Е	KEY	×	×	×	×	×	×	×	×	×
51	MU1308TV	BEARING	×	×	×	×	×	×	×	×	×
52	14317	SNAP RING	×	×	×	×	×	×	×	×	×
53	X-1-1008	NUT	×	×	×	×	×	×	×	×	×
_54	14283	WASHER	×	×	×	×	×	×	×	×	×
55	14282	WASHER - (OLD)	×	×	×	×	×	×	×	×	×
55	4302982	WASHER - (NEW)	×	×	×	×	×	×	×	×	×
56	FWA1830	BEARING	×	×	×	×	×	×	×	×	×
57	16953	REVERSE GEAR 29T	×	×	×	×	×	×	×	×	×
58	16405	REVERSE GEAR PIN	×	×	×	×	×	×	×	×	×
59	5202	PLUG	×	×	×	×	×	×	×	×	×
60	21320	SNAP RING RETAINER	×	×	×	×	×	×	×	×	×
61	16763	SNAP RING	×	×	×	×	×	×	×	×	×
62	16628	SNAP RING	×	×	×	×	×	×	×	×	×
63	118L	BEARING	×	×	×	×	×	×	×	×	×
64	16138	RETAINER RING	×	×	×	×	×	×	×	×	×
65	21321	GEAR AUX. DRIVE 34T	×	×	×	×	×	×	×	×	×
66	14897	SPRING	×	×	×	×	×	×	×	×	×
67	A-4938	SYNCHRONIZER RING	×	×	×	×	×	×	×	×	×
68	20323	SLIDING CLUTCH	×	×	×	×	×	×	×	×	×
69	A-4937	SYNCHRONIZER RING	×	×	×	×	×	×	×	×	×
70	A-5159	SELECTOR FORK	×	×	×	×	×	×	×	×	×
71	A-5160	SELECTOR FORK	×	×	×	×	×	×	×	×	×
72	21332	GASKET	×	×	×	×	×	×	×	×	×
73	21330	CYLINDER	×	×	×	×	×	×	×	×	×

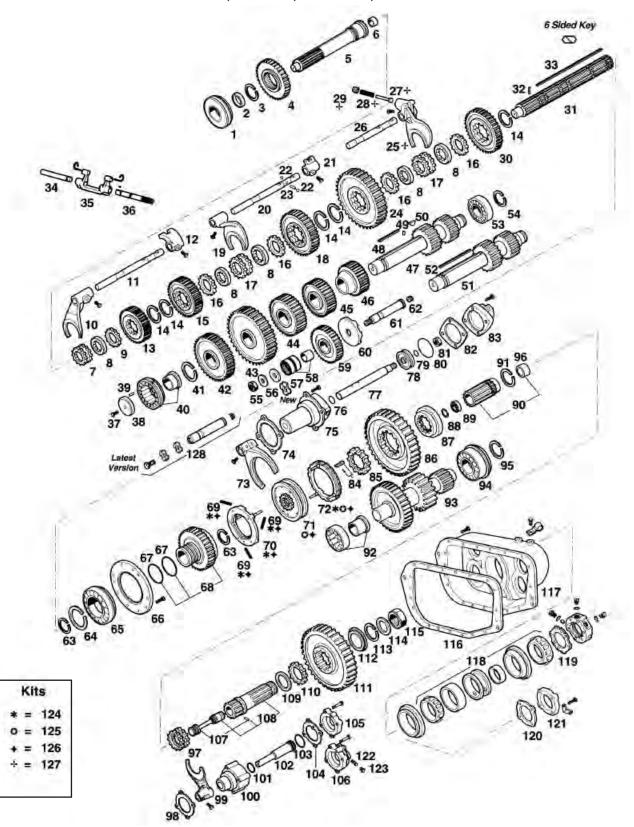
			RT-17715	0.11715	R1X,11715	14715	0.14715	X.14715	15715	RTO.15715	X.15715
FIG.	PART#	DESCRIPTION	47	47	47	47	47	A.	47	A A	Å,
74	14644	O-RING	×	×	×	×	×	×	×	×	×
75	21337	PISTON	×	×	×	×	×	×	×	×	×
76	20423	O-RING	×	×	×	×	×	×	×	×	×
77	X-1-803	NUT	×	×	×	×	×	×	×	×	×
78	14765	O-RING	×	×	×	×	×	×	×	×	×
_79	14341	PISTON	×	×	×	×	×	×	×	×	×
80	14345	O-RING	×	×	×	×	×	×	×	×	×
81	14344	O-RING	×	×	×	×	×	×	×	×	×
82	X-1-1010	NUT	×	×	×	×	×	×	×	×	×
83	21331	GASKET	×	×	×	×	×	×	×	×	×
84	21329	CYLINDER COVER	×	×	×	×	×	×	×	×	×
85	21365	NUT	×	×	×	×	×	×	×	×	×
86	17332	PIN	×	×	×	×	×	×	×	×	×
87	21347	WASHER	×	×	×	×	×	×	×	×	×
88	21350	WASHER S.6, 60-6, 55 MM	×	×	×	×	×	×	×	×	×
89	21361	GEAR 48T	×	×	×	×	×	×	×	×	×
90	21352	BUSHING	×	×	×	×	×	×	×	×	×
91	A-5156	MAIN SHAFT ASSY 18T	×	×	×	×	×	×	×	×	×
92	21652	PIN	×	×	×	×	×	×	×	×	×
93	21360	SLIDING CLUTCH	×	×	×	×	×	×	×	×	×
94	ST4276	BEARING	×	×	×	×	×	×	×	×	×
95	A-5158	COUNTERSHAFT ASSY	×	×	×	×	×	×	×	×	×
96	21342	WASHER	×	×	×	×	×	×	×	×	×
97	21325	OUTPUT SHAFT 18T	×	×	×	×	×	×	×	×	×
98	21353	WASHER	×	×	×						
98	21354	WASHER				×	×	×	×	×	×
99	21361	GEAR 48T	×	×	×	×	×	×	×	×	×
100	21357	WASHER	×	×	×						
100	21358	WASHER				×	×	×	×	×	×
101	16295	SPACER				×	×	×	×	×	×
102	16337	WASHER S.4, 76 MM				×	×	×			
103	22254	NUT	×	×	×	×	×	×	×	×	×
104	14335	GASKET	×	×	×		×	×	×	×	×
		TALOG ARE NOT NECESSARILY MANUFACTURED BY THE	•	•		•					

FIG.	PART#	DESCRIPTION	REITZAE	RTO.717.	R1X-112	RT.15	RTO. 142.	81. RTX 14715	RT. 15715	RTO. 152	R1X-1575
105	21431	REAR HOUSING	×	×	×	×	×	×	×	×	×
106	21355	BEARING	×	×	×						
106	21356	BEARING				×	×	×	×	×	×
107	21364	GASKET	×	×	×	×	×	×	×	×	×
108	21345	GASKET	×	×	×	×	×	×	×	×	×
109	21346	COVER	×	×	×	×	×	×	×	×	×
110	21338	GASKET				×	×	×	×	×	×
111	19974	INSERT VALVE	×	×	×	×	×	×	×	×	×
112	15719	PLUG	×	×	×	×	×	×	×	×	×
113	K-1946	SYNCHRONIZER KIT	×	×	×	×	×	×	×	×	×
114	T20099	SYNCHRO CLUTCH ASSY	×	×	×	×	×	×	×	×	×
115	K-1947	SYNCHRO KIT W/SLIDING CLUTCH	×	×	×	×	×	×	×	×	×
		(OLD)									
115	K-1948	SYNCHRO KIT W/SLIDING CLUTCH	×	×	×	×	×	×	×	×	×
		(NEW)									
116	S-1219	YOKE ASSY	×	×	×	×	×	×	×	×	×
<u>117</u>	K-3209	IDLER SHAFT REPL. KIT	×	×	×	×	×	×	×	×	×

## CALL YOUR SALES REP FOR BEARING & SEAL KITS

### FULLER<sup>®</sup> 15 SPEED MODEL RT-11615, RTO-11615, RTX-11615, RT-14615, RTO-14615,

RTX-14615, RT-15615, RTO-15615, RTX-15615



## FULLER<sup>®</sup> 15 SPEED

FIG.       PART#       DESCRIPTION       E				RT.11615	RTO.11615	R7X-77675	RT-14615	RT0.74675	R7X-14615	RT.15615	RTO.75675	R1X-15615
1       212SLV       BEARING       X <t< td=""><td>FIG.</td><td>PART#</td><td>DESCRIPTION</td><td>47</td><td>AN</td><td>AY AY</td><td>82</td><td>AZ</td><td>87</td><td>47</td><td>AN</td><td>87</td></t<>	FIG.	PART#	DESCRIPTION	47	AN	AY AY	82	AZ	87	47	AN	87
3       14750       SNAP RING       X       <	1	212SLV	BEARING	×								
4       20458       GEAR MAIN DRIVE 48T       X <td>2</td> <td>16463</td> <td>SPACER</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td>	2	16463	SPACER	×	×	×	×	×	×	×	×	×
4       20460       GEAR MAIN DRIVE 54T       X <td>3</td> <td>14750</td> <td>SNAP RING</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td> <td>×</td>	3	14750	SNAP RING	×	×	×	×	×	×	×	×	×
4         22029         GEAR MAIN DRIVE 54T         X <td>4</td> <td>20458</td> <td>GEAR MAIN DRIVE 48T</td> <td>×</td> <td></td> <td></td> <td>×</td> <td></td> <td></td> <td>×</td> <td></td> <td></td>	4	20458	GEAR MAIN DRIVE 48T	×			×			×		
4       22025       GEAR MAIN DRIVE 54T       X <td>4</td> <td>20460</td> <td>GEAR MAIN DRIVE 54T</td> <td></td> <td>×</td> <td>×</td> <td></td> <td>×</td> <td>×</td> <td></td> <td>×</td> <td>×</td>	4	20460	GEAR MAIN DRIVE 54T		×	×		×	×		×	×
5         INPUT SHAFTS (SEE PGS. 329-330)         X <t< td=""><td>4</td><td>22029</td><td>GEAR MAIN DRIVE</td><td></td><td>×</td><td>×</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	4	22029	GEAR MAIN DRIVE		×	×						
6       16566       BUSHING       X <td< td=""><td>4</td><td>22025</td><td>GEAR MAIN DRIVE 54T</td><td></td><td></td><td></td><td></td><td>×</td><td>×</td><td></td><td>×</td><td>×</td></td<>	4	22025	GEAR MAIN DRIVE 54T					×	×		×	×
7       16118       SLIDING CLUTCH       X	5	INPUT SH	IAFTS (SEE PGS. 329-330)									
7       16118       SLIDING CLUTCH       X	6	16566	BUSHING	×	×	×	×	×	×	×	×	×
7         22026         SLIDING CLUTCH         ×	7	16118	SLIDING CLUTCH	×			×			×		
8       14711       WASHER S.6, 299-6, 350 MM (WHITE)       X	7	16118	SLIDING CLUTCH		×	×		×	×		×	×
8       14712       WASHER S.6, 426-6, 477 MM (GREEN)       X	7	22026	SLIDING CLUTCH		×	×		×	×		×	×
8       14713       WASHER S.6, 53-6, 604 MM (ORANGE)       ×	8	14711	WASHER S.6, 299-6, 350 MM (WHITE)	×	×	×	×	×	×	×	×	×
8       14714       WASHER S.6, 680-6, 731 MM (PURPLE)       ×	8	14712	WASHER S.6, 426-6, 477 MM (GREEN)	×	×	×	×	×	×	×	×	×
8       14715       WASHER S.6, 807-6, 858 MM (YELLOW)       X	8	14713	WASHER S.6, 553-6, 604 MM (ORANGE)	×	×	×	×	×	×	×	×	×
8       14716       WASHER S.6, 934-6, 985 MM (BLACK)       ×	8	14714	WASHER S.6, 680-6, 731 MM (PURPLE)	×	×	×	×	×	×	×	×	×
9       14749       SPACER       X	8	14715	WASHER S.6, 807-6, 858 MM (YELLOW)	×	×	×	×	×	×	×	×	×
9       14749       SPACER       X	8	14716	WASHER S.6, 934-6, 985 MM (BLACK)	×	×	×	×	×	×	×	×	×
9       22032       SPACER       X	9	14749	SPACER	×			×			×		
10       16136       SHIFT YOKE       ×	9	14749	SPACER		×	×		×	×		×	×
10       20450       SHIFT YOKE       x	9	22032	SPACER		×	×		×	×		×	×
11       16134       YOKE BAR       X       <	10	16136	SHIFT YOKE	×	×		×	×		×	×	
11       18928       YOKE BAR       X       <	10	20450	SHIFT YOKE			×			×			×
12       14659       SHIFTING BLOCK       X	11	16134	YOKE BAR	×	×		×	×		×	×	
12       19063       SHIFTING BLOCK       ×	11	18928	YOKE BAR			×			×			×
13       20377       GEAR M/S 54T       X	12	14659	SHIFTING BLOCK	×	×		×	×		×	×	
13       19632       GEAR M/S 48T       X	12	19063	SHIFTING BLOCK			×			×			×
13       22027       GEAR M/S 48T       ×	13	20377	GEAR M/S 54T	×			×			×		
13       20480       GEAR M/S 48T       Image: constraint of the state of the	13	19632	GEAR M/S 48T		×	×		×	×			
13       22031       GEAR M/S 48T       Image: constraint of the state of the	13	22027	GEAR M/S 48T		×	×		×	×			
14       14750       SNAP RING       ×	13	20480	GEAR M/S 48T								×	×
15       20379       GEAR M/S 54T       ×	13	22031	GEAR M/S 48T								×	×
16       14749       SPACER       X <td< td=""><td>14</td><td>14750</td><td>SNAP RING</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td><td>×</td></td<>	14	14750	SNAP RING	×	×	×	×	×	×	×	×	×
17       16118       SLIDING CLUTCH       ×	15	20379	GEAR M/S 54T	×	×	×	×	×	×	×	×	×
17       16118       SLIDING CLUTCH       ×	16	14749	SPACER	×	×	×	×	×	×	×	×	×
18       20381       GEAR M/S 58T       ×	17		SLIDING CLUTCH	×	×	×	×	×	×	×	×	×
19         16135         SHIFT YOKE 2ND         X	18			×							×	
				×	×		×	×			×	
			SHIFT YOKE			×			×			×
												1

			RL11615	RTO. 11615	R1X-11615	Rr.14615	RT0.14615	R1X-14615	RL15615	RTO. 15615	R1X, 15615
FIG.		DESCRIPTION			æ			<u>ح</u>			<u>ح</u>
20		OKE BAR	×	×		×	×		×	×	
20	18927	YOKE BAR			×			×			×
21	14658	SHIFTING BLOCK	×	×	×	×	×	×	×	×	×
22	X-14-1200	BALL	×	×	X	×	×	×	×	×	×
23	1634	PIN	×	×	×	×	×	×	×	Х	×
_24	20383	GEAR M/S 66T	×	X	Х	×	X	×	×	X	×
25	16131	REVERSE YOKE	×	×	×	×	×	×	×	×	×
26	16132	YOKE BAR	×	×		×	×		×	×	
26	18926	YOKE BAR			×			×			×
27	10019	PIN	×	×	×	×	×	×	×	×	×
28	6392	SPRING	×	×	×	×	×	×	×	×	×
29	8968	PLUG	×	Х	X	×	X	×	×	Х	×
30	16949	GEAR M/S 46T	×	×	×	×	×	×	×	Х	×
31	S-1341	MAIN SHAFT ASSY 17T	×	×	×	×	×	×	×	×	×
32	62504	PIN 3X16	×	×	×	×	×	×	×	×	×
33	17109	KEY	×	×	×	×	×	×	×	×	×
34	14494	PEDAL SHAFT	×	×	×						
35	12817	YOKE-CLUTCH RELEASE	×	×	Х						
36	1984	PEDAL SHAFT	×	×	×						
36	1983	PEDAL SHAFT	×	×	×						
37	X-7-1005	BOLT 5/8"	×	×	×	×	×	×	×	×	×
38	19668	LOCKING DISK	×	×	×						
38	19548	LOCKING DISK	×	×	×	×	×	×	×	×	×
39	62511	PIN	×	×	×	×	×	×	×	×	×
40	1309L	BEARING	×	×	×						
40	MS1309GEXR	BEARING	×	×	×	×	×	×	×	×	×
41	19198	SNAP RING	×	×	×	×	×	×	×	×	×
42	20459	GEAR C/S 69T	×			×			×		
42	20461	GEAR C/S 61T		×	×		×	×		×	×
43	15953	GEAR C/S PTO 47T-LH PTO (LEFT)	×	×	×	×	×	×	×	×	×
43	20840	GEAR C/S PTO 45T-RH PTO (RIGHT)	×	×	X	×	Х	×	×	Х	×
44	20461	GEAR C/S 61T	×			×			×		
44	20459	GEAR C/S 69T		×	×		×	×		×	×
45	20380	GEAR C/S 47T	×	×	×	×	×	×	×	×	X
46	20382	GEAR C/S 39T	×	×	×	×	×	×	×	×	X
47	K1925	COUNTERSHAFT KIT	×	×	×	×	×	×			
47	K-1926	COUNTERSHAFT KIT							×	×	X
48	19673	KEY	×	×	×	×	×	×	×	×	x
49	62511	PIN	×	×	×	×	×	×	×	×	x
10										~	

510			RT-17615	RTO. TT615	R1X-11615	RT-14615	RTO.14615	R74-015	RT-15615	RT0.15615	R7X-15615
FIG.	PART#	DESCRIPTION	<b>₽</b> ×	<b>&amp;</b>	& 	& ×	<b>&amp;</b>	& 	<del>د</del> ×	<b>₹</b> ×	& ×
50	X-6-E	KEY		×	X		×	×	X	X	
51	K-1925	COUNTERSHAFT KIT	×	×	×	X	×	×			
52	19258	KEY	×	×	X	X	×	×		~	
53	MU1308TV	BEARING	×	×	X	X	×	×	×	×	X
54	14317	SNAP RING	×	×	X	X	×	×	×	×	X
55	X-1-1008	NUT	X	X	X	X	×	X	×	X	X
56	14283	WASHER	×	×	×	×	×	×	×	×	X
57	14282	WASHER - (OLD)	×	×	×	×	×	×	×	×	X
57	4302982	WASHER - (NEW)	×	×	×	×	×	×	×	×	X
58	FWA1830	BEARING	×	×	X	×	×	×	×	×	X
59	16953	REVERSE GEAR 29T	×	×	×	×	×	×	×	×	X
60	19288	WASHER	X	X	X	X	×	X	×	X	X
61	16405	REVERSE GEAR PIN	×	×	×	×	×	×	×	×	×
62	5202	PLUG	×	×	×	×	×	×	×	×	X
63	16763	SNAP RING	×	×	X	×	×	×	×	×	×
64	16628	SNAP RING	×	×	×	×	×	×	×	×	×
65	118L	BEARING	×	×	X	×	×	×	×	×	×
66	16138	RETAINER RING	×	×	X	×	×	X	X	X	X
67	17453	RETAINER RING	×	×	×	×	×	×	×	×	×
68	K-1787	AUX. DRIVE GEAR KIT 40T	×	×	X	×	×	×	×	×	×
69	14897	SPRING	×	×	X	×	×	×	×	×	×
70	A-4938	SYNCHRONIZER RING	×	×	×	×	×	×	×	×	×
71	16759	SLIDING CLUTCH - (OLD)	×	×	×	×	×	×	×	×	×
	20323	SLIDING CLUTCH - (NEW)	×	X	X	×	X	×	X	×	×
72	A-4416	SYNCHRONIZER RING - (OLD)	×	×	×	×	×	×	×	×	×
72	A-4937	SYNCHRONIZER RING - (NEW)	×	×	×	×	×	×	×	×	×
73	16775	SHIFT YOKE	×	×	X	×	×	×	Х	×	×
73	22823	SHIFT YOKE	×	×	X	×	×	×	Х	×	×
74	14347	GASKET	×	×	×	×	×	×	Х	×	×
_75	16777	AUXILIARY CYLINDER	×	X	X	×	X	×	X	Х	×
76	14765	O-RING	×	×	×	×	×	×	×	×	×
77	16776	YOKE BAR	×	×	×						
77	19306	YOKE BAR				×	×	×	×	×	×
78	14341	PISTON	×	×	×	×	×	×	×	×	×
79	14345	O-RING	×	×	×	×	×	×	×	×	×
80	14344	O-RING	×	×	X	×	X	Х	×	×	×
81	X-1-1010	NUT	×	×	×	×	×	×	×	×	×
82	14349	GASKET	×	×	×	×	×	×	×	×	×
83	19690	CYLINDER COVER	×	×	×	×	×	×	×	×	×
84	A-3697	KEY & PIN ASSY	×	×	×	×	×	×	×	×	×

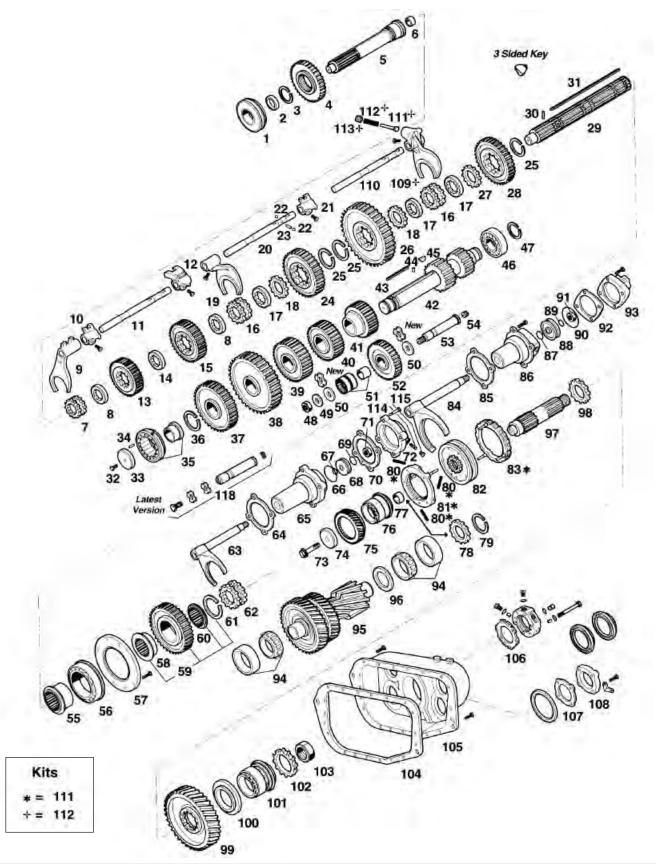
FIG.         PART#         DESCRIPTION         Joint of the state of the	10	,		1-	(0		4-	10				
85       15932       WASHER S.5, 13-5, 18 MM (PURPLE)       X	564	561	675	4675	461	675	16 <sub>75</sub>	1673	675			
85       15932       WASHER S.5, 13-5, 12 MM (PURPLE)       X	P1X-15615	Jo,	7-15	X'	Jo.	7.74	X	<sup>1</sup> O <sub>1</sub>	12-11	DESCRIPTION	PART#	FIG
85       17257       WASHER S. 5, 33-5, 38 MM (PURPLE)       X	×	<u>~</u>	<u>≁</u>	<u>~</u>	<u>*</u>	<u>*</u>	<u>*</u>	<u>*</u>	~			
85       17258       WASHER S.5, 33-5, 38 MM (YELLO V)       X	×	, k	↓	Ĵ.	↓ ★		Å	Â				
86       19315       GEAR 42T       X       X       X         86       19277       GEAR 42T       X       X       X       X         87       18193       COUPLER M/S       X       X       X       X         88       14291       SNAP RING       X       X       X       X       X         89       204       BEARING       BOX35X21       X       X       X       X       X         91       18135       SNAP RING       X       X       X       X       X       X       X         92       A4810       COUNTERSHAFT ASSY       X       <	×	Ĵ	Ţ	Ĵ	Ĵ.		Ĵ.	Â				
86       19277       GEAR 42T       X       <		Î	Î	Î	Î		Å	Â				
87       18193       COUPLER M/S       X       X       X       X         88       14291       SNAP RING       X       X       X       X       X         89       204       BEARING       X       X       X       X       X       X         90       K-1546       MAIN SHAFT KIT       X <t< td=""><td>×</td><td></td><td>¥</td><td>¥</td><td>¥</td><td>×</td><td>Î</td><td>Î</td><td></td><td></td><td></td><td></td></t<>	×		¥	¥	¥	×	Î	Î				
88       14291       SNAP RING       ×	×	, k	↓	Ĵ.	↓ ★		×	×	×			
89       204       BEARING       X	×	Ť	×	×	×		×	X				
90       K-1546       MAIN SHAFT KIT       X	×	, k	¥	↓ ¥	X		Å	Å				
9118135SNAP RINGXXXXX92MR1307ELBEARING D.80X35X21XXXXXX93A-4820COUNTERSHAFT ASSYXXXXXXX941310LBEARINGXXXXXXXXX941310LBEARINGXX<	×		Ţ	Ĵ	↓ ↓		Å	Â	Ĵ			
92       MR1307EL       BEARING D.80X35X21       ×	×		Ţ	Ĵ	↓ ↓		Å	Â	Ĵ			
93A-4820COUNTERSHAFT ASSY××93A-4819COUNTERSHAFT ASSY××××941310LBEARING×××××945310WLBBEARING×××××9516723SNAP RING×××××9616516BUSHING×××××9715959SLIDING CLUTCH×××××9715959SLIDING CLUTCH×××××9814632GASKET×××××9917245SHIFT YOKE×××××9917245SHIFT YOKE×××××10017070AUXILIARY CYLINDER×××××10114644O-RING××××××10219287YOKE BAR××××××10219287YOKE BAR××××××××10314621O-RING×× <t< td=""><td>×</td><td>Ţ</td><td>Ţ</td><td>Ţ</td><td>Ţ</td><td></td><td>↓ ↓</td><td>Ţ</td><td>Ĵ</td><td></td><td></td><td></td></t<>	×	Ţ	Ţ	Ţ	Ţ		↓ ↓	Ţ	Ĵ			
93A-4819COUNTERSHAFT ASSY×× <t< td=""><td>~</td><td>Î</td><td>Î</td><td>Î</td><td>Î</td><td></td><td><math>\uparrow</math></td><td><b>1</b></td><td>Ĵ</td><td></td><td></td><td></td></t<>	~	Î	Î	Î	Î		$\uparrow$	<b>1</b>	Ĵ			
94       1310L       BEARING       > <t< td=""><td>×</td><td></td><td>+</td><td></td><td></td><td>×</td><td></td><td>Ť</td><td></td><td></td><td></td><td></td></t<>	×		+			×		Ť				
94       5310WLB       BEARING       X	~	Î	Î	Î	Î	Î	$\downarrow$					
95       16723       SNAP RING       ×	×		Ļ	Ļ	$\downarrow$		Î	Î	1			
95       15253       SNAP RING       ×	~	Î	Î	Î	Î	Ŷ		Ţ				
96         16516         BUSHING         × <t>×         <t></t></t>	×						Î	Î	1			
97       15959       SLIDING CLUTCH       ×	×	Ĵ	Ĵ	$\uparrow$	$\uparrow$			Ţ				
97       17242       SLIDING CLUTCH       ×	^	1	1	$-\uparrow$			-	$\uparrow$				
98       14632       GASKET       × <td< td=""><td>×</td><td></td><td><math>\downarrow</math></td><td><math>\downarrow</math></td><td><math>\downarrow</math></td><td></td><td>Î</td><td>Î</td><td>1</td><td></td><td></td><td></td></td<>	×		$\downarrow$	$\downarrow$	$\downarrow$		Î	Î	1			
99       16517       SHIFT YOKE       ×	×	Ĵ	Ĵ	$\uparrow$	$\uparrow$							
99       17245       SHIFT YOKE       ×	^	1	Î	Î	Î		Ĵ	Ĵ	Ĵ			
100       17070       AUXILIARY CYLINDER       × </td <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td>	X						1	1	1			
100       21210       AUXILIARY CYLINDER       × </td <td>×</td> <td>1</td> <td>Ì</td> <td>1</td> <td>Ĵ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	×	1	Ì	1	Ĵ							
101       14644       O-RING       × <t< td=""><td>×</td><td>-</td><td>+</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	×	-	+									
101       21208       O-RING       × <t< td=""><td>×</td><td>1</td><td>Ĵ</td><td>Ĵ</td><td>Ĵ</td><td></td><td>1</td><td>1</td><td>Ĵ</td><td></td><td></td><td></td></t<>	×	1	Ĵ	Ĵ	Ĵ		1	1	Ĵ			
102       16962       YOKE BAR       ×	×	1	1	1	Ĵ		1	Ĵ	Ĵ			
102       21233       YOKE BAR       ×	×	1	1	Ť	Ť		1	Ĵ	Ĵ			
102       19287       YOKE BAR       ×							1	)	Ĵ			
102       21251       YOKE BAR       ×							Ť	X	Ň			
103       14621       O-RING       × <t< td=""><td>×</td><td></td><td><u>*</u></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	×		<u>*</u>									
103       21209       O-RING       × <t< td=""><td>×</td><td>1</td><td>Ţ</td><td>Ť</td><td>Ţ</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	×	1	Ţ	Ť	Ţ							
104         17073         GASKET         × <t< td=""><td>×</td><td>1</td><td>Ť</td><td>Ť</td><td>Ť</td><td></td><td>Ţ.</td><td>)</td><td>ĵ</td><td></td><td></td><td></td></t<>	×	1	Ť	Ť	Ť		Ţ.	)	ĵ			
105 17072 CYLINDER COVER × × × × × × ×	×	ľ	Ť	Ť.	Ť		ľ	ľ	)			
	×	ľ	Ť	Ť.	×.		Ť.	ľ	1			
	X	_ <del>X</del>	<u> </u>	<u> </u>	X		X	<del></del>	<u> </u>			
106 4300927 CYLINDER COVER X X X X X X X X X X	×	K	X	Ť.	X		X	X	X			
107 K-1644 REPL QUILL KIT × × × × × × × × ×	×	X	¥	*	*	×	¥	¥	×			
108 A-4738 OUTPUT SHAFT 18T × × ×							¥	¥	X			
108 A-4736 OUTPUT SHAFT 18T X X X				*	*	×				OUTPUT SHAFT 18T	A-4736	108

FIG.	PART#	DESCRIPTION	RT-11615	RTO.11615	RTX-77675	RL14615	RTO. 1461E	R1X-14615	RT-15615	RTO. 15615	R1X-15615
108	A-4973	OUTPUT SHAFT 18T							×	×	X
109	14332	WASHER	×	×	×						
110	18250	SPACER	×	×	×						
110	17248	WASHER				×	×	×	×	×	×
111	20022	GEAR 46T	×	×	×						
111	20024	GEAR 48T				×	×	×	×	×	×
112	19544	WASHER				×	×	×	×	×	×
113	14327	SNAP RING	×	×	×						
113	18114	SNAP RING				×	×	×	×	×	×
114	16310	WASHER S.7, 93 MM	×	×	×						
114	16337	WASHER S.4, 76 MM				×	×	×	×	×	×
115	22254	NUT	×	×	×	×	×	×	×	×	×
116	14335	GASKET	×	×	×	×	×	×	×	×	×
117	K-1567	REAR HOUSING	×	×	Х						
117	17250	REAR HOUSING				×	Х	×	×	×	×
118	A3071	BEARING	×	×	Х						
118	A2892	BEARING				×	×	×	×	×	×
119	15532	GASKET	×	×	×	×	×	×	×	×	×
120	17097	GASKET	×	×	×						
120	17386	GASKET				×	×	×	×	×	×
121	16724	COVER	×	×	×						
121	17252	COVER				×	×	×	×	×	×
122	19974	INSERT VALVE	×	×	×	×	×	×	×	×	×
123	15719	PLUG	×	×	×	×	×	×	×	×	×
124	K-1945	SYNCHRONIZER KIT - (OLD)	×	×	×	×	×	×	×	×	×
124	K-1946	SYNCHRONIZER KIT - (NEW)	×	X	Х	×	Х	×	X	×	×
125	T20099	SYNCHRO CLUTCH ASSY - (NEW)	×	×	×	×	×	×	×	×	×
126	K-1947	SYNCHRO KIT W/SLIDING CLUTCH	×	×	×	×	×	×	×	×	×
		(OLD)									
126	K-1948	SYNCHRO KIT W/SLIDING CLUTCH	×	×	×	×	×	×	×	×	×
		(NEW)									
127	S-1219	YOKE ASSY	×	×	×	×	×	×	×	×	×
128	K-3209	IDLER SHAFT REPL. KIT	×	X	×	×	×	×	×	×	×

## CALL YOUR SALES REP FOR BEARING & SEAL KITS

## **FULLER® 18 SPEED**

#### MODEL RTLO-14718, RTLO-16718, RTLO-18718



## FULLER<sup>®</sup> 18 SPEED

FIG.	PART#	DESCRIPTION	RTLO- 14718	RTLO- 16718	RTLO- 18718
1	212SLV	BEARING	×	×	×
2	16463	SPACER	×	×	×
3	14750	SNAP RING	×	×	×
4	4300238	GEAR MAIN DRIVE 52T	×	×	
4	4302662	GEAR MAIN DRIVE			×
5	INPUT SHAFT	S (SEE PG. 331)			
6	16566	BUSHING	×	×	×
7	22026	SLIDING CLUTCH	×	×	×
8	4302398	WASHER	×	×	×
9	20450	SHIFT YOKE	×	×	×
10	20120	SHIFTING BLOCK	×	×	×
11	18928	YOKE BAR	×	×	
11	4302760	YOKE BAR			×
12	19063	SHIFTING BLOCK	×	×	×
13	4302393	GEAR 42T	×	×	
13	4302664	GEAR			×
14	4303603	WASHER	×	×	×
15	4302395	GEAR M/S 50T	×		
15	4302394	GEAR M/S 50T		×	
15	4302670	GEAR			×
16	16118	SLIDING CLUTCH	×	×	×
17	4300830	WASHER (BLUE)	×	×	×
17	4300382	WASHER (WHITE)	×	×	×
17	4300383	WASHER (GREEN)	×	×	×
17	4300384	WASHER (ORANGE)	×	×	×
17	4300385	WASHER (PURPLE)	×	×	×
17	4300386	WASHER (YELLOW)	×	×	×
17	4300387	WASHER (BLACK)	×	×	×
18	14749	SPACER	×	×	×
19	18922	SHIFT YOKE	X	×	×
20	18927	YOKE BAR	×	×	×
21	14658	SHIFTING BLOCK	×	×	×
22	X-14-1200	BALL	×	×	×
23	1634	PIN	×	×	×
24	21024	GEAR M/S 1ST SPEED 60T	×		

FIG.	PART#	DESCRIPTION	RTLO- 14718	RTLO- 16718	RTLO- 18718
24	4300240	GEAR M/S 60T		×	×
25	14750	SNAP RING	×	×	×
26	16754	GEAR M/S LOW 44T	×		
26	21502	GEAR M/S 44T		×	×
27	4302047	SPACER	×	×	×
28	16756	REVERSE GEAR M/S 46T	×	×	×
29	S-2562	MAIN SHAFT 17T	×	×	
30	S-2560	MAIN SHAFT			×
31	62504	PIN 3X16	×	×	×
32	4300120	KEY	×	×	×
33	X-7-1005	BOLT - 5/8"	×	×	×
34	19548	LOCKING DISK	×	×	×
35	62511	PIN	×	×	×
35	MS1309GEXR	BEARING	×	×	
36	BS500192S	BEARING			×
37	19198	SNAP RING	×	×	×
37	21018	GEAR C/S 66T	×	×	
38	4302666	GEAR			×
38	15953	GEAR C/S PTO 47T - LH PTO (LEFT)	×	×	×
39	20840	GEAR C/S PTO 45T - RH PTO (RIGHT)	×	×	×
39	4300191	GEAR C/S 73T	×	×	
40	4302668	GEAR C/S			×
40	21264	GEAR C/S 46T	×	×	
41	4300247	GEAR C/S			×
41	21025	GEAR C/S 1ST 39T	×		
42	4300241	GEAR C/S 39T		×	×
42	19549	COUNTERSHAFT 17T	×		
42	K-2953	COUNTERSHAFT KIT W/KEYS	×		
42	K-2937	COUNTERSHAFT KIT		×	
43	K-2947	COUNTERSHAFT KIT			×
44	19673	KEY	×	×	×
45	62511	PIN	×	×	×
46	X-6-E	KEY	×	×	×
46	MU1308TV	BEARING	×	×	

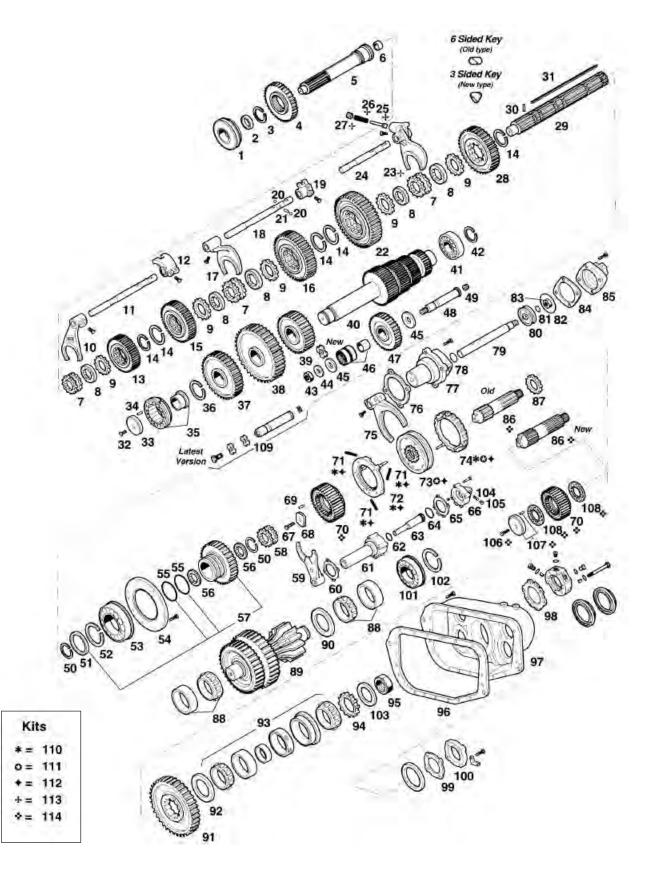
FIG.	PART#	DESCRIPTION	RTLO- 14718	RTLO- 16718	RTLO- 18718
46	4302712	BEARING		×	
47	14317	SNAP RING	×	×	
47	4302082	SNAP RING			×
48	X-1-1008	NUT	×	×	×
49	14283	WASHER	×	×	×
_50	14282	WASHER - (OLD)	×	×	×
50	4302982	WASHER - (NEW)	×	×	×
51	FWA1830	BEARING	×	×	×
52	16757	REVERSE GEAR 27T	×	×	×
53	16405	REVERSE GEAR PIN	×	×	×
54	5202	PLUG	×	×	×
55	4302046	SPACER	×	×	×
56	5566503	BEARING	×	×	×
57	4300894	RETAINER RING	×	×	×
58	4300911	SPACER	×	×	×
59	K-2807	GEAR AUX. DRIVE	×		
59	4300901	WASHER	×	×	×
61	4301254	SNAP RING	×	×	×
62	4300907	SLIDING CLUTCH	×	×	×
63	A-6303	WELDED YOKE ASSY	×	×	×
64	14632	GASKET	×	×	×
65	21609	CYLINDER	×	×	×
66	21208	O-RING	×	×	×
67	13653	O-RING	×	×	×
68	4301964	PISTON	×	×	×
69	21209	O-RING	×	×	×
70	17073	GASKET	×	×	×
71	X-1-805	NUT	×	×	×
72	4300927	CYLINDER COVER	×	×	×
_73	X-7-1007	BOLT	×	×	×
74	4301843	RETAINER	×	×	×
75	K-3122	GEAR	×	×	
75	4302659	GEAR			×
76	4300902	BEARING	×	×	×

FIG.	PART#	DESCRIPTION	RTLO- 14718	RTLO- 16718	RTLO- 18718
77	4301844	BEARING SLEEVE	×	×	×
78	4301846	SPACER	×	×	×
79	4301845	SNAP RING	×	×	×
80	14897	SPRING	×	×	×
81	A-4938	SYNCHRONIZER RING	×	×	×
82	4303386	SLIDING CLUTCH	×	×	×
83	A-4937	SYNCHRONIZER RING	×	×	×
84	A-6224	WELDED YOKE ASSY	×	×	×
85	14347	GASKET	×	×	×
86	4301847	CYLINCER	×	×	×
87	14765	O-RING	×	×	×
88	14341	PISTON	×	×	×
89	14345	O-RING	×	×	×
90	14344	O-RING	×	×	×
91	X-1-1010	NUT	×	×	×
92	14349	GASKET	×	×	×
93	19690	CYLINDER COVER	×	×	×
94	4301851	BEARING	×	×	×
95	K-3221	AUX. COUNTERSHAFT ASSY	×		
95	K-3220	AUX. COUNTERSHAFT ASSY		×	×
96	4300897	WASHER	×	×	×
97	4300904	MAIN SHAFT	×	×	×
98	4301842	WASHER	×	×	×
99	4301794	GEAR M/S	×		
99	4301795	GEAR M/S 52T		×	×
100	4300912	SPACER	×	×	×
101	21356	BEARING	×	×	×
102	20191	SPACER	×	×	×
103	22254	NUT	×	×	×
104	14335	GASKET	×	×	×
105	4300915	REAR COVER	×	×	×
106	21364	GASKET	×	×	×
107	4300186	GASKET	×	×	×
108	4300925	COVER	×	×	×
109	16131	REVERSE YOKE	×	×	×

FIG.	PART#	DESCRIPTION	RTLO- 14718	RTLO- 16718	RTLO- 18718
110	18926	YOKE BAR	×	×	×
111	10019	PIN	×	×	×
112	6392	SPRING	×	×	×
113	8968	PLUG	×	×	×
114	19974	INSERT VALVE	×	×	×
115	15719	PLUG	×	×	×
116	K-1946	SYNCHRONIZER KIT	×	×	×
117	S-1219	YOKE ASSY	×	×	×
118	K-1947	SYNCHRO KIT W/SLIDING CLUTCH (OLD)	×	×	×
118	K-1948	SYNCHRO KIT W/SLIDING CLUTCH (NEW)	×	×	×

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## FULLER<sup>®</sup> 18 SPEED MODEL RTO-15618, RTLO "A" 14618, RTLO "A" 16618



## FULLER<sup>®</sup> 18 SPEED

FIG.	PART#	DESCRIPTION	RTLORTLO- RTLO- 15618	RTLO- RTLO "A" 14618	RTLO- RTLO "A" 16618
1	212SLV	BEARING	×	×	×
2	16463	SPACER	×	×	×
3	14750	SNAP RING	×	×	×
4	20458	GEAR MAIN DRIVE 48T	×	×	×
5	INPUT SHAFTS (	SEE PG. 331)			
6	16566	BUSHING	×	×	×
7	16118	SLIDING CLUTCH	×	×	×
8	14711	WASHER S.6, 229-6, 350 MM (WHITE-OLD)	×	×	×
8	14712	WASHER S.6, 426-6, 477 MM (GREEN-OLD)	×	×	×
8	14713	WASHER S.6, 553-6, 604 MM (ORANGE-OLD)	×	×	×
8	14714	WASHER S.6, 680-6, 731 MM (PURPLE-OLD)	×	×	×
8	14715	WASHER S.6, 807-6, 858 MM (YELLOW-OLD)	×	×	×
8	14716	WASHER S.6, 934-6, 985 MM (BLACK-OLD)	×	×	×
8	4300830	WASHER (BLUE-EW)	×	×	×
8	4300382	WASHER (WHITE-NEW)	×	×	×
8	4300383	WASHER (GREEN-NEW)	×	×	×
8	4300384	WASHER (ORANGE-NEW)	×	×	×
8	4300385	WASHER (PURPLE-NEW)	×	×	×
8	4300386	WASHER (YELLOW-NEW)	×	×	×
8	4300387	WASHER (BLACK-NEW)	×	×	×
9	14749	SPACER	×	×	×
10	16136	SHIFT YOKE	×	×	×
11	16134	YOKE BAR	×	×	×
12	14659	SHIFTING BLOCK	×	×	×
13	21587	GEAR M/S 58T	×	×	×
14	14750	SNAP RING	×	×	×
15	21589	GEAR M/S 24T	×	×	×
16	21591	GEAR M/S 60T	×	×	×
17	16135	SHIFT YOKE 2ND	×	×	×
18	16133	YOKE BAR	×	×	×
19	14658	SHIFTING BLOCK	×	×	×

FIG.	PART#	DESCRIPTION	RTLORTLO- RTLO- 15618	RTLO- RTLO "A" 14618	RTLO- RTLO "A" 16618
20	X-14-1200	BALL	×	×	×
21	1634	PIN	×	×	×
22	4300654	GEAR M/S 46T	×	×	×
23	16131	REVERSE YOKE	×	×	×
24	16132	YOKE BAR	×	×	×
25	10019	PIN	×	×	×
26	6392	SPRING	×	×	×
27	8968	PLUG	×	×	×
28	16756	REVERSE GEAR M/S 46T	×	×	×
29	S-1561	MAIN SHAFT ASSY 17T	×	×	×
30	62504	PIN 3 X 16	×	×	×
31	21595	KEY - (OLD)	×		
31	21326	KEY - (OLD)		×	×
31	4300890	KEY - (NEW)	×	×	×
32	X-7-1005	BOLT (5/8")	×	×	×
33	19548	LOCKING DISK	×	×	×
34	62511	PIN	×	×	×
35	MS1309GEXR	BEARING	×	×	×
36	19198	SNAP RING	×	×	×
37	21586	GEAR C/S 69T	×	×	×
38	15953	GEAR C/S PTO 47T - LH PTO (LEFT)	×	×	×
38	20840	GEAR C/S PTO 45T - RH PTO (RIGHT)	×	×	×
39	21588	GEAR C/S 60T	×	×	×
40	A-6689	COUNTERSHAFT ASSY	×	×	×
41	MU1308TV	BEARING	×	×	×
42	14317	SNAP RING	×	×	×
43	X-1-1008	NUT	×	×	×
44	14283	WASHER	×	×	×
45	14282	WASHER	×	×	×
45	4302982	WASHER	×	×	×
46	FWA1830	BEARING	×	×	×

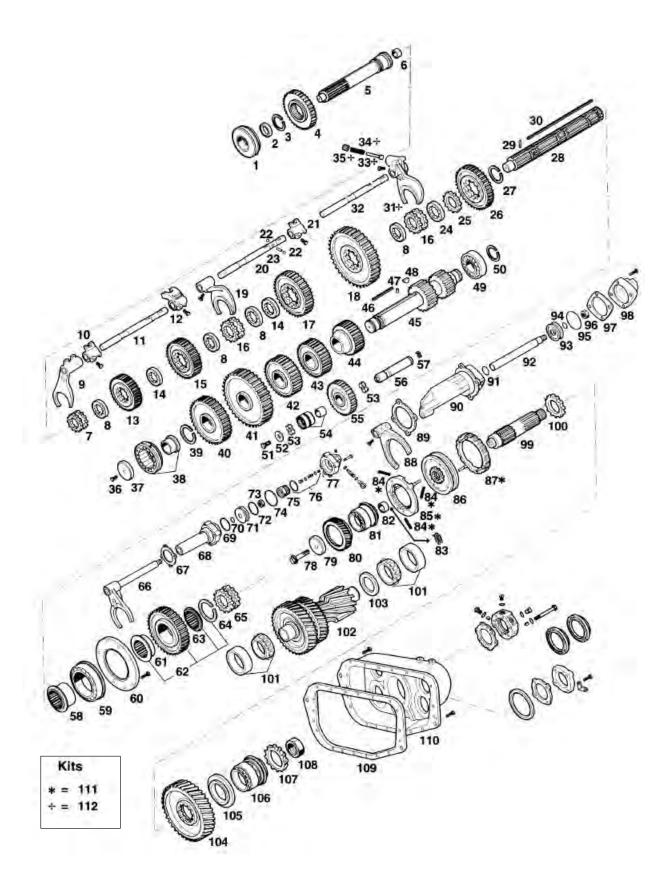
FIG.	PART#	DESCRIPTION	RTLORTLO- RTLO- 15618	RTLO- RTLO "A" 14618	RTLO- RTLO "A" 16618
47	16757	REVERSE GEAR 27T	×	×	×
48	16405	REVERSE GEAR PIN	×	×	×
49	5202	PLUG	×	×	×
50	16763	SNAP RING	×	×	×
51	21320	SNAP RING RETAINER	×	×	×
_52	16628	SNAP RING	×	×	×
53	118L	BEARING	×	×	×
54	16138	RETAINER RING	×	×	×
55	17453	RETAINER RING	×	×	×
56	21599	WASHER	×	×	×
57	K-3189	AUX. GEAR KIT	×	×	×
58	21930	SLIDING CLUTCH 29T	×	×	×
59	21607	SHIFT YOKE	×	×	×
60	14632	GASKET	×	×	×
61	21609	CYLINDER	×	×	×
62	21208	O-RING	×	×	×
63	21608	YOKE BAR	×	×	×
63	4300182	YOKE BAR	×		
64	21209	O-RING		×	×
65	17073	GASKET	×	×	×
66	21760	CYLINDER COVER	×	×	×
67	X-7-1005	BOLT 5/8"	×	×	×
68	21606	RETAINER	×	×	×
69	62511	PIN	×	×	×
70	21931	GEAR M/S 38T	×	×	×
71	14897	SPRING	×	×	×
72	A-4938	SYNCHRONIZER RING	×	×	×
73	20323	SLIDING CLUTCH	×	×	×
74	A-4937	SYNCHRONIZER RING	×	×	×
75	16775	SHIFT YOKE	×	×	×
75	22823	SHIFT YOKE (LATEST)	×	×	×

FIG.	PART#	DESCRIPTION	RTLORTLO- RTLO-	RTLO- RTLO "A"	RTLO- RTLO "A"
76	14347	GASKET	×	×	×
77	16778	CYLINDER	×	×	×
78	14765	O-RING	×	×	×
79	19652	YOKE BAR	×		
79	4300183	YOKE BAR		×	×
80	14341	PISTON	×	×	×
81	14345	O-RING	×	×	×
82	14344	O-RING	×	×	×
83	X-1-1010	NUT	×	×	×
84	14349	GASKET	×	×	×
85	19690	CYLINDER COVER	×	×	×
86	21604	MAIN SHAFT - (OLD)	×	×	×
86	4302059	OUTPUT SHAFT	×	×	×
87	19203	SPACER	×	×	×
88	MR1307EX	BEARING	×		
88	ST4276	BEARING		×	×
89	A-5882	AUX. COUNTERSHAFT ASSY	×		
89	A-5899	AUX. COUNTERSHAFT ASSY		×	×
90	4300184	WASHER		×	×
91	21918	GEAR M/S 50T	×	×	×
92	16772	WASHER	×	×	×
93	A2892	BEARING	×	×	×
94	20191	SPACER		×	×
95	22254	NUT	×	×	×
96	14335	GASKET	×	×	×
97	18786	REAR HOUSING	×		
97	4300863	COVER		×	
97	4300181	COVER			×
98	15532	GASKET	×	×	×
99	17097	GASKET	×		
99	4300186	GASKET		×	×
100	16724	COVER	×		

FIG.	PART#	DESCRIPTION	RTLORTLO- RTLO-	RTLO- RTLO "A"	RTLO- RTLO "A"
100	4300185	REAR COVER		×	×
101	1310SVL	BEARING	×		
102	16723	SNAP RING	×		
103	16337	WASHER S.4, 76 MM	×		
104	19974	INSERT VALVE	×	×	×
105	4301233	REDUCER BUSHING	×	×	×
106	X-7-1005	BOLT	×	×	×
107	A-6340	LOCKING DISK	×	×	×
108	4302058	BEARING	×	×	×
109	K-3209	IDLER SHAFT REPL. KIT	×	×	×
110	K-1946	SYNCHRONIZER KIT	×	×	×
111	T20099	SYNCHRO CLUTCH ASSY	×	×	×
112	K-1947	SYNCHRO KIT W/SLIDING CLUTCH (OLD)	×	×	×
112	K-1948	SYNCHRO KIT W/SLIDING CLUTCH (NEW)	×	×	×
113	S-1219	YOKE ASSY	×	×	×
114	K-2616	MAINSHAFT REPL. KIT	×	×	×

## **CALL YOUR SALES REP FOR BEARING & SEAL KITS**

#### FULLER<sup>®</sup> 18 SPEED MODEL RTLO-14918, RTLO16918, RTLO-18918, RTLO-20918, RTLO-20918-T2



## FULLER<sup>®</sup> 18 SPEED

FIG.	PART#	DESCRIPTION	RTLO- 14918	RTLO- 16918	RTLO- 18918	RTLO- 20918	RTLO- 20918-T2
1	212SLV	BEARING			×	×	×
2	16463	SPACER	×	×	×	×	×
3	14750	SNAP RING	×	×	×	×	×
4	4300238	GEAR MAIN DRIVE 52T	×				
4	4304510	GEAR MAIN DRIVE		×	×	×	×
5	INPUT SHAFT	TS (SEE PG. 331)	×	×	×	×	×
6	16566	BUSHING	×	×	×	×	×
7	22026	SLIDING CLUTCH	×	×	×	×	×
8	4302398	WASHER	×	×	×	×	×
9	20450	SHIFT YOKE	×	×	×	×	×
10	20120	SHIFTING BLOCK	×	×	×	×	×
11	18928	YOKE BAR	×	×	×	×	×
12	19063	SHIFTING BLOCK	×	×	×	×	×
13	4302393	GEAR M/S 42T	×				
13	4304514	GEAR M/S	×	×	×	×	
14	4303603	WASHER	×	×	×	×	×
15	4302394	GEAR M/S 50T	×	×			
15	4302670	GEAR M/S		×			
15	4304516	GEAR M/S 50T				×	×
16	16118	SLIDING CLUTCH	×	×	×	×	×
17	4303420	GEAR M/S	×	×			
17	4303701	GEAR M/S		×	×	×	
18	4303409	GEAR M/S	×	×	×	×	×
19	18922	SHIFT YOKE	×	×	×	×	×
20	18927	YOKE BAR	×	×	×	×	×
21	14658	SHIFTING BLOCK	×	×	×	×	×
22	X-14-1200	BALL	×	×	×	×	×
23	1634	PIN	×	×	×	×	×
24	4300382	WASHER	×	×	×	×	×
_25	4302047	SPACER	×	×	×	×	×
26	16756	REVERSE GEAR M/S 46T	×	×	×	×	×
27	14750	SNAP RING	×	×	×	×	×
28	S-2562	MAIN SHAFT 17T	×	×			
28	S-2560	MAIN SHAFT			×	×	×
29	62504	PIN 3X16	×	×	×	×	×
30	4300120	KEY	×	×	×	×	×
31	16131	REVERSE YOKE	×	×	×	×	×
32	18926	YOKE BAR	×	×	×	×	×
33	10019	PIN	×	×	×	×	×
34	6392	SPRING	×	×	×	×	×
35	8968	PLUG	×	×	×	×	×
36	X-7-1005	BOLT 5/8"	×	×	×	×	×

FIG.	PART#	DESCRIPTION	RTLO- 14918	RTLO- 16918	RTLO- 18918	RTLO- 20918	RTLO- 20918-T2
37	19548	LOCKING DISK	×	×	×	×	×
38	BS500192S	BEARING	×	×	×	×	×
39	19198	SNAP RING	×	×	×	×	×
40	21018	GEAR C/S 66T	×				
40	4304060	GEAR C/S	×				
40	4302666	GEAR C/S		×			
40	4304512	GEAR C/S			×	×	
41	15953	GEAR C/S PTO 47T LH PTO (LEFT)	×	×	×	×	×
41	20840	GEAR C/S PTO 45T RH PTO (RIGHT)	×	×	×	×	×
42	4300191	GEAR C/S 73T	×				
42	4303666	GEAR C/S	×	×			
42	4304508	GEAR C/S			×	×	
43	21264	GEAR C/S 46T	×	×			
43	4300247	GEAR C/S		×			
43	4304518	GEAR C/S			×	×	
44	21025	GEAR C/S 1ST 39T	×	×			
44	4304520	GEAR C/S		×	×	×	
45	19549	COUNTERSHAFT 17T	×				
45	K-2953	COUNTERSHAFT KIT W/KEYS	×				
45	K-2947	COUNTERSHAFT KIT		×	×	×	×
46	19673	KEY	×	×	×	×	×
47	62511	PIN	×	×	×	×	×
48	X-6-E	KEY	×	×	×	×	×
49	MU1308TV	BEARING	×				
49	4302712	BEARING		×	×	×	×
50	14317	SNAP RING	×				
50	4302082	SNAP RING		×	×	×	×
51	X-7-1008	SCREW 5/8"	×	×	×	×	×
52	14283	WASHER	×	×	×	×	×
53	4302982	WASHER	×	×	×	×	×
54	FWA1830	BEARING	×	×	×	×	×
55	16757	REVERSE GEAR 27T	×	×	×	×	×
56	4302981	REVERSE GEAR PIN	×	×	×	×	×
57	4303336	RETAINING RING					
58	4303673	SPACER	×				
58	4304499	SPACER		×	×	×	×
59	6217-3BBN	BEARING	×				
59	5566510	BEARING		×	×	×	×
60	4300894	RETAINER RING	×				
60	4304497	RETAINER RING		×	×	×	×
61	4300911	SPACER	×				
61	4304500	SPACER		×	×	×	×
62	K-2808	GEAR AUX. DRIVE	×	×	×		
		RE NOT NECESSARILY MANUFACTURED BY THE ORIGINAL EQUIPM	_ <u> </u>			L	<u> </u>

FIG.	PART#	DESCRIPTION	RTLO- 14918	RTLO- 16918	RTLO- 18918	RTLO- 20918	RTLO- 20918-T2
62	4304084	GEAR AUX. DRIVE (ONLY GEAR)				×	×
63	4303185	WASHER	×	×	×	×	×
64	4301254	SNAP RING	×	×	×	×	×
65	4300907	SLIDING CLUTCH	×	×	×	×	×
66	A-6304	WELDED YOKE ASSY	×	×	×	×	×
67	4303583	GASKET	×	×	×	×	×
68	4303582	CYLINDER	×	×	×	×	×
69	21208	O-RING	×	×	×	×	×
70	13653	O-RING	×	×	×	×	×
71	4301964	PISTON	×	×	×	×	×
72	21209	O-RING	×	×	×	×	×
73	X-1-805	NUT	×	×	×	×	×
74	5568534	O-RING	×	×	×	×	×
75	4304033	SEAL PLATE	×	×	×	×	×
76	K-3329	REPAIR KIT	×	×	×	×	×
77	K-3331	REPAIR KIT	×	×	×	×	×
78	X-7-1007	BOLT	×	×	×	×	×
79	4301843	RETAINER	×	×	×	×	×
80	4303421	GEAR	×	×	×		
80	4304086	GEAR				×	×
81	4300902	BEARING	×	×	×	×	×
82	4301844	BEARING SLEEVE	×	×	×	×	×
83	4303424	SNAP RING	×	×	×	×	×
84	14897	SPRING	×	×	×	×	×
85	A-4938	SYNCHRONIZER RING	×	×	×	×	×
86	4303386	SLIDING CLUTCH	×	×	×	×	×
87	A-4937	SYNCHRONIZER RING	×	×	×	×	×
88	22823	SHIFT YOKE	×	×	×	×	×
89	14347	GASKET	×	×	×	×	×
90	A-6690	CYLINDER ASSY	×	×	×	×	×
91	14765	O-RING	×	×	×	×	×
92	4303596	YOKE BAR	×	×	×	×	×
93	14341	PISTON	×	×	×	×	×
94	14345	O-RING	×	×	×	×	×
95	14344	O-RING	×	×	×	×	×
96	X-1-1010	NUT 5/8"	×	×	×	×	×
97	22826	GASKET	×	×	×	×	×
98	4303926	COVER	×	×	×	×	×
99	4303705	MAIN SHAFT	×	×	×	×	×
100	4301842	WASHER	×	×	×	×	×
101	4301851	BEARING	×				
102	K-3221	AUX. COUNTERSHAFT ASSY W/WASHER		×	×		

FIG.	PART#	DESCRIPTION	RTLO- 14918	RTLO- 16918	RTLO- 18918	RTLO- 20918	RTLO- 20918-T2
102	K-3220	AUX. COUNTERSHAFT ASSY				×	×
		W/WASHER					
102	A-6888	AUX. COUNTERSHAFT ASSY	×	×	×	×	×
103	4303124	WASHER	×	×	×	×	×
104	4301795	GEAR M/S 52T	×	×	×	×	×
105	4300912	SPACER	×	×	×	×	×
106	5556503	BEARING	×	×	×	×	×
107	20191	SPACER	×	×	×	×	×
108	4302321	NUT	×	×	×	×	×
109	14335	GASKET	×	×	×	×	×
110	4303586	COVER	×	×	×	×	×
111	K-1946	SYNCHRONIZER KIT	×	×	×	×	×
112	S-1219	YOKE ASSY	×	×	×	×	×
113	K-1947	SYNCHRO KIT W/SLIDING CLUTCH (OLD)	×	×	×	×	×
113	K-1948	SYNCHRO KIT W/SLIDING CLUTCH (NEW)	×	×	×	×	×

## CALL YOUR SALES REP FOR BEARING & SEAL KITS



# NUTS, SNAP RINGS, OIL SEALS AND FRONT BEARING COVERS

Nut Pull		N	ūt	Pu	Ū
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Nut Push



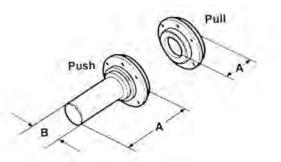


Snap Ring



#### TABLE Z1 NUT OR SNAP RING ITEM PART NO. DESCRIPTION 15253 SNAP RING А SNAP RING В 16723 С 8858 NUT PUSH D NUT PUSH 8997 Е 11466 NUT PUSH F 16980 SNAP RING

TABLE Z OIL SEAL	2	
ITEM	PART NO.	DESCRIPTION
А	18386	OIL SEAL
В	450094N	OIL SEAL - 1-3/4"
С	470737N	OIL SEAL - 2"
D	471571	OIL SEAL
E	452554N	OIL SEAL



<b>TABLE Z3</b> FRONT BEARING COVER		MODELS: 66			
ITEM	PART NO.	DESCRIPTION	A INCHES	B INCHES	SEAL
А	15020	PUSH - 1-3/4"	6.22	2.25	
A	16324	PUSH - 1-3/4"	6.87	2.25	
В	15491	PUSH - 1-1/2"	5.78	1.87	E
В	15647	PUSH - 1-1/2"	7.25	1.94	E
В	15727	PUSH - 1-1/2"	6.22	1.87	E
В	15265	PUSH - 1-1/2"	7.06	1.87	E
В	16277	PUSH - 1-1/2"	6.25	1.94	E
С	15019	PULL - 1-3/4"	1.04		
E	22288	PUSH - 1-1/2"	6.91	1.87	E

TABLE	<b>Z3</b> EARING COVER	MODELS	: 8609, 7608LL		
ITEM	PART NO.	DESCRIPTION	A INCHES	B INCHES	SEAL
D	20785	PULL - 2"	1.04		
D	20777	PULL - 1-3/4"	1.04		

# NUTS, SNAP RINGS, OIL SEALS AND FRONT BEARING COVERS

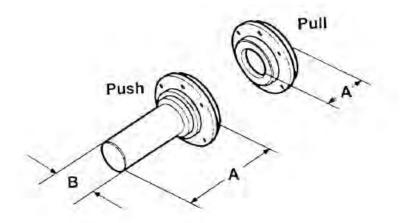
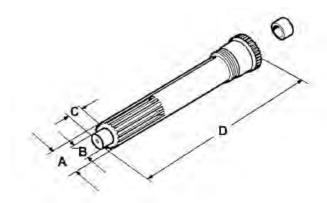


 
 TABLE Z3
 MODELS: 8607, 8608L, 900, 9500, 11500, 11600, 11700, 11800, 12500, 12600, 12700, 14600, 14700, 14800, 15600, 15700, 15800, 16600, 16700, 18700

FRONT B	EARING COVER			5	
ITEM	PART NO.	DESCRIPTION	A INCHES	B INCHES	<u>SEAL</u>
F	14370	PUSH - 1-3/4"	6.22	2.24	
G	14267	PULL - 1-3/4"	1.04		
Н	18699	PULL - 1-3/4" & 2"	1.03		B-C
	14994	PUSH - 2"	6.00	2.46	
J	15111	PULL - 2"	1.03		
K	15113	PUSH - 2"	6.00	2.46	D
L	20551	PUSH - 1-3/4"	6.22	2.25	
Μ	20552	PULL - 1-3/4"	1.04		
N	20550	PULL - 2"	1.04		
0	20549	PUSH - 2"	6.00	2.46	
Q	17017	PUSH - 1-3/4"	6.22	2.25	D
R	18791	PUSH - 1-3/4"	6.58	2.12	А
S	18846	PUSH - 2"	6.58	2.36	D
U	18388	PUSH - 1-3/4"	7.09	2.24	А
V	18424	PUSH - 1-3/4"	6.22	2.25	А
W	15458	PUSH - 1-1/2"	5.78	1.87	
X	15459	PUSH - 1-1/2"	6.19	1.87	

## **INPUT SHAFTS**

¢ <b>r</b>	SEE TABLE Z1
() P	SEE TABLE Z3
Ŧ	SEE TABLE Z2
	Ŧ



#### **TABLE INPUT SHAFTS FOR 6 SPEEDS**

MODELS	INPUT KIT PART NO. <u>Only Shaft</u>	PART NO. <u>W/BUSH</u>	<u>TYPE</u>	A <u>Inches</u>	B Inches	C Inches	D Inches	NUT/ SR	COVER	<u>SEAL</u>
RT-906	14660	S-1130	PUSH	1.75	1.18	0.81	12.12	С	F	
T-1056	14661	S-1130	PULL	1.75	1.18	0.81	12.12	D	G	
T-1056 A	14995	S-1132	PUSH	2.00	1.18	0.81	12.12	C	<u> </u>	
T11605	15110	S-1132	PULL	2.00	1.18	0.81	12.12	 D	i	
111005	15112	S-1133	PUSH	2.00	1.18	0.81	12.12	E	 K	 D
	16983	S-1343	PULL	1.75	1.18	0.81	12.12	F	H	B
	16984	S-1343	PULL	2.00	1.18	0.81	12.12	 F	<u>н</u>	<u> </u>
	20530	S-1344 S-1496	PUSH	1.75	1.18	0.81	12.12	 F	<u> </u>	
	20530	S-1496 S-1497	PUSH	1.75	1.18	0.81	12.12	F	M	
			-	-	-			 F	N	
	23569	S-1661	PULL	2.00	1.18	0.81	12.12	F		
	23570	S-1662	PUSH	2.00	1.18	0.81	12.12	F	0	
	IPUT SHA	FISFUR	1 SPE	ED3						
MODELS	PART NO. Only Shaft	PART NO.	TVDE	A	В	с	D	NUT/	001/55	
WODELS	Unity Shart	W/BUSH	TYPE	<u>Inches</u>	<u>Inches</u>	<u>Inches</u>	<u>Inches</u>	SR	<u>COVER</u>	<u>SEAL</u>
T-8607	20530	<u>W/BUSH</u> S-1496	PUSH			<u>Inches</u> 0.81	<u>Inches</u> 12.12	<u> </u>	<u>COVER</u> L	<u>5EAL</u>
T-8607				<u>Inches</u> <u>1.75</u> 1.75	1.18					
T-8607	20530	S-1496	PUSH	1.75		0.81	12.12	F	L	
T-8607	20530 20531	S-1496 S-1497	PUSH	1.75	<u> </u>	0.81	12.12 12.12	F	L	
T-8607	20530 20531 23569	S-1496 S-1497 S-1661	PUSH PULL PULL	1.75 1.75 2.00	1.18 1.18 1.18	0.81 0.81 0.81	12.12 12.12 12.12	F F F	L M N	
T-8607 T-8607 B	20530 20531 23569	S-1496 S-1497 S-1661	PUSH PULL PULL	1.75 1.75 2.00	1.18 1.18 1.18	0.81 0.81 0.81	12.12 12.12 12.12	F F F	L M N	
T-8607 T-8607 B T-11607	20530 20531 23569 23570	S-1496 S-1497 S-1661 S-1662	PUSH PULL PULL PUSH	1.75 1.75 2.00 2.00	1.18 1.18 1.18 1.18 1.18	0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12	F F F	L M N O	
T-8607 T-8607 B T-11607 T-11607 A	20530 20531 23569 23570 14660	S-1496 S-1497 S-1661 S-1662 S-1662 S-1130	PUSH PULL PULL PUSH	1.75 1.75 2.00 2.00 1.75	1.18 1.18 1.18 1.18 1.18 1.18	0.81 0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12	F F F C	L M N O	
T-8607 T-8607 B T-11607 T-11607 A	20530 20531 23569 23570 14660 14661	S-1496 S-1497 S-1661 S-1662 S-1662 S-1130 S-1131	PUSH PULL PULL PUSH PUSH PUSH	1.75 1.75 2.00 2.00 1.75 1.75	1.18 1.18 1.18 1.18 1.18 1.18 1.18	0.81 0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12 12.12 12.12	F F F C D	L M N O	    
T-8607 T-8607 B T-11607 T-11607 A	20530 20531 23569 23570 14660 14661 14995	S-1496 S-1497 S-1661 S-1662 S-11662 S-1130 S-1131 S-1132	PUSH PULL PUSH PUSH PULL PUSH PULL PUSH	1.75 1.75 2.00 2.00 1.75 1.75 2.00	1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18	0.81 0.81 0.81 0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12	F F F C D C	L M N O F G I	      
T-8607 T-8607 B T-11607 T-11607 A	20530 20531 23569 23570 14660 14661 14995 15110	S-1496 S-1497 S-1661 S-1662 S-1130 S-1130 S-1131 S-1132 S-1133	PUSH PULL PUSH PUSH PUSH PULL PUSH PULL	1.75 1.75 2.00 2.00 1.75 1.75 2.00 2.00	1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18	0.81 0.81 0.81 0.81 0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12	F F F C D C D	L M N O F G I J	        
T-8607 T-8607 B T-11607 T-11607 A	20530 20531 23569 23570 14660 14661 14995 15110 15112	S-1496 S-1497 S-1661 S-1662 S-1130 S-1130 S-1131 S-1132 S-1133 S-1134	PUSH PULL PUSH PUSH PULL PUSH PULL PUSH	1.75 1.75 2.00 2.00 1.75 1.75 2.00 2.00 2.00 2.00	1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18	0.81 0.81 0.81 0.81 0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12	F F F C D C D E	L M N O F G I J K	     D
T-8607 T-8607 B T-11607 T-11607 A	20530 20531 23569 23570 14660 14661 14995 15110 15112 16983	S-1496 S-1497 S-1661 S-1662 S-1130 S-1131 S-1132 S-1133 S-1133 S-1134 S-1343	PUSH PULL PUSH PUSH PUSH PULL PUSH PULL PUSH PULL	1.75 1.75 2.00 2.00 1.75 1.75 2.00 2.00 2.00 2.00 1.75	1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18	0.81 0.81 0.81 0.81 0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12	F F F F C D C D E F	L M N O F G I J K H	     D B
T-8607 T-8607 B T-11607 T-11607 A	20530 20531 23569 23570 14660 14661 14995 15110 15112 16983 16984	S-1496 S-1497 S-1661 S-1662 S-1130 S-1131 S-1132 S-1133 S-1134 S-1343 S-1344	PUSH PULL PUSH PUSH PUSH PULL PUSH PULL PUSH PULL PULL	1.75 1.75 2.00 2.00 1.75 1.75 2.00 2.00 2.00 2.00 1.75 2.00 2.00	1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18	0.81 0.81 0.81 0.81 0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12	F F F F C D C D E F F	L M N O F G I J K H H	     D B C
T-8607 T-8607 B T-11607 T-11607 A	20530 20531 23569 23570 14660 14661 14995 15110 15112 16983 16984 20530	S-1496 S-1497 S-1661 S-1662 S-1130 S-1131 S-1132 S-1133 S-1134 S-1343 S-1344 S-1344 S-1496	PUSH PULL PUSH PUSH PUSH PULL PUSH PULL PUSH PULL PULL PUSH	1.75 1.75 2.00 2.00 1.75 1.75 2.00 2.00 2.00 2.00 1.75 2.00 1.75 2.00 1.75	1.18 1.18 1.18 1.18 1.18 1.18 1.18 1.18	0.81 0.81 0.81 0.81 0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12	F F F F C D C D E F F	L M N O F G I J K H H L	     D B B C C
T-8607 T-8607 B T-11607 T-11607 A	20530 20531 23569 23570 14660 14661 14995 15110 15112 16983 16984 20530 20531	S-1496 S-1497 S-1661 S-1662 S-1130 S-1130 S-1131 S-1132 S-1133 S-1134 S-1343 S-1344 S-1344 S-1344 S-1496 S-1497	PUSH PULL PUSH PUSH PUSH PULL PUSH PUSH PULL PUSH PULL PUSH PULL PUSH PULL	1.75 1.75 2.00 2.00 1.75 1.75 2.00 2.00 2.00 1.75 2.00 1.75 2.00 1.75	1.18         1.18	0.81 0.81 0.81 0.81 0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12	F F F F C D C D C D E F F F	L M N O F G I J K H H H L	    D B C C
T-8607 T-8607 B T-11607 T-11607 A	20530 20531 23569 23570 14660 14661 14995 15110 15112 16983 16984 20530 20531 23569	S-1496 S-1497 S-1661 S-1662 S-1130 S-1131 S-1132 S-1133 S-1134 S-1343 S-1344 S-1343 S-1344 S-1344 S-1344 S-1496 S-1497 S-1661	PUSH PULL PUSH PUSH PUSH PULL PUSH PULL PUSH PULL PUSH PULL PUSH PULL PUSH	1.75 1.75 2.00 2.00 1.75 1.75 2.00 2.00 2.00 1.75 2.00 1.75 2.00 1.75 2.00 1.75 2.00	1.18         1.18	0.81 0.81 0.81 0.81 0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12	F F F C D C D E F F F F	L M N O G I J K H H H L M N	     D B C C  
	20530 20531 23569 23570 14660 14661 14995 15110 15112 16983 16984 20530 20531 23569	S-1496 S-1497 S-1661 S-1662 S-1130 S-1131 S-1132 S-1133 S-1134 S-1343 S-1344 S-1343 S-1344 S-1344 S-1344 S-1496 S-1497 S-1661	PUSH PULL PUSH PUSH PUSH PULL PUSH PULL PUSH PULL PUSH PULL PUSH PULL PUSH	1.75 1.75 2.00 2.00 1.75 1.75 2.00 2.00 2.00 1.75 2.00 1.75 2.00 1.75 2.00 1.75 2.00	1.18         1.18	0.81 0.81 0.81 0.81 0.81 0.81 0.81 0.81	12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12 12.12	F F F C D C D E F F F F	L M N O G I J K H H H L M N	     D B C C  

# **INPUT SHAFTS**

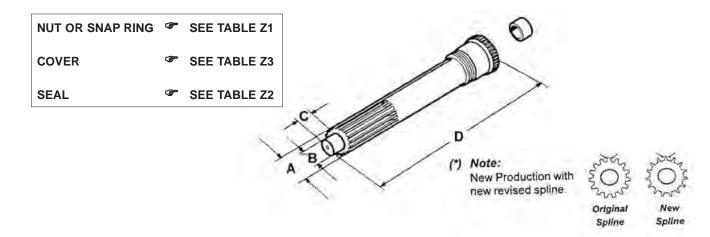
SEE TABLE Z2	SEE TABLE Z2	IT OR SNAP RING	Ŧ	SEE TABLE Z1	0
	D (*) Note: New Production with Pervised spline	VER	<b>P</b>	SEE TABLE Z3	
D (1) Note:	B New Production with S S		Ŧ	SEE TABLE Z2	
	B B Revealed Soline			Cr	D (*) Note:

PUT SHA	FTS FOR	8 SPE	EDS						
INPUT KIT PART NO. <u>Only Shaft</u>	PART NO. <u>W/BUSH</u>	TYPE	A Inches	B Inches	C Inches	D Inches	NUT/ _SR	COVER	SEAL
15110	S-1133	PULL	2.00	1.18	0.81	12.12	D	J	
16984	S-1344	PULL	2.00	1.18	0.81	12.12	F	Н	С
23569	S-1661	PULL	2.00	1.18	0.81	12.12	F	Ν	
14660	S-1130	PUSH	1.75	1.18	0.81	12.12	С	F	
14661		PULL				12.12	D	G	
14995	S-1132	PUSH	2.00	1.18	0.81	12.12	C		
		PULL						J	
								-	D
16983	S-1343	PULL	1.75	1.18	0.81	12.12	F	Н	В
16984	S-1344		2.00	1.18	0.81	12.12	F	Н	С
20530	S-1496		1.75	1.18	0.81	12.12	F	L	
20531	S-1497	PULL	1.75	1.18	0.81	12.12	F	М	
23569	S-1661	PULL	2.00	1.18	0.81	12.12	F	N	
23570	S-1662	PUSH	2.00	1.18	0.81	12.12	F	0	
16465	S-1128	DIIII	2.00	1 1 2	0.81	11 0/	D	1	
								-	
						-	-		C
	0-1400						<u> </u>		
									D
	S-1498						 F		
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
16465	S-1128	PULI	2 00	1 18	0.81	11 94	D	.I	
								U	
								H	С
	0 1100								 D
	S-1659*								
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
	INPUT KIT PART NO. Only Shaft 15110 16984 23569 14660 14661 14995 15110 15112 16983 16984 20530 20531 23569 23570 16465 16466 18837 19316 19714 19716 20532 20538 23566 23567 16465 16466 18837 19716 23566	INPUT KIT PART NO. Only Shaft 15110 S-1133 16984 S-1344 23569 S-1661 14660 S-1130 14661 S-1131 14995 S-1132 15110 S-1133 15112 S-1134 16984 S-1344 20530 S-1496 20531 S-1496 20531 S-1497 23569 S-1661 23570 S-1662 16465 S-1128 16466 S-1129 18837 S-1409 19316 S-1406 19714 19716 20538 S-1504 23566 S-1659* 23566 S-1128 16466 S-1129 18837 S-1409 19316 S-1406 19714 19716 23566 S-1128 16465 S-1128 16465 S-1128 16465 S-1129 18837 S-1409 19316 S-1406 19714 19716 23566 S-1128 16465 S-1128 16465 S-1129 18837 S-1409 19716 23566 S-1659*	INPUT KIT         PART NO. Only Shaft         PART NO. W/BUSH         TYPE           15110         S-1133         PULL           16984         S-1344         PULL           23569         S-1661         PULL           14660         S-1130         PUSH           14661         S-1131         PULL           14995         S-1132         PUSH           15110         S-1133         PULL           15110         S-1133         PULL           15112         S-1134         PUSH           16983         S-1343         PULL           16984         S-1344         PULL           20530         S-1497         PULL           20531         S-1661         PULL           23569         S-1661         PULL           23569         S-1662         PUSH           23570         S-1662         PUSH           16465         S-1128         PULL           16465         S-1409         PULL           19716         PUSH         20538         S-1604           20538         S-1504         PULL         23566           23567         S-1660         PUSH         23566	KIT         PART NO.         PART NO.         MUBUSH         TYPE         Inches           15110         S-1133         PULL         2.00           16984         S-1344         PULL         2.00           23569         S-1661         PULL         2.00           14660         S-1130         PUSH         1.75           14661         S-1131         PULL         1.75           14661         S-1132         PUSH         2.00           15110         S-1132         PUSH         2.00           15110         S-1133         PULL         2.00           15112         S-1134         PUSH         2.00           16983         S-1343         PULL         2.00           16984         S-1344         PULL         2.00           20530         S-1496         PUSH         1.75           20531         S-1497         PULL         2.00           23570         S-1661         PULL         2.00           16465         S-1128         PULL         2.00           18837         S-1409         PULL         2.00           19316         S-1406         PULL         1.75	INPUT KIT         A         B           PART NO.         PART NO.         A         B           0nly Shaft         W/BUSH         TYPE         Inches         Inches           15110         S-1133         PULL         2.00         1.18           16984         S-1344         PULL         2.00         1.18           23569         S-1661         PULL         2.00         1.18           14660         S-1130         PUSH         1.75         1.18           14661         S-1131         PULL         1.75         1.18           14661         S-1132         PUSH         2.00         1.18           15110         S-1133         PULL         2.00         1.18           15112         S-1134         PUSH         2.00         1.18           16983         S-1343         PULL         1.75         1.18           20530         S-1449         PULL         2.00         1.18           20531         S-1497         PULL         1.75         1.18           23569         S-1661         PULL         2.00         1.18           16465         S-1128         PULL         2.00         1.18	INPUT KIT         A         B         C           PART NO.         PART NO.         A         B         C           Only Shaft         W/BUSH         TYPE         Inches         Inches         Inches           15110         S-1133         PULL         2.00         1.18         0.81           16984         S-1344         PULL         2.00         1.18         0.81           23569         S-1661         PULL         2.00         1.18         0.81           14660         S-1130         PUSH         1.75         1.18         0.81           14661         S-1131         PULL         2.00         1.18         0.81           15110         S-1133         PULL         2.00         1.18         0.81           15112         S-1134         PUSH         2.00         1.18         0.81           16983         S-1343         PULL         2.00         1.18         0.81           20530         S-1496         PUSH         1.75         1.18         0.81           20531         S-1496         PUSH         2.00         1.18         0.81           23570         S-1661         PULL         2.00	INPUT KIT         PART NO.         PART NO.         A         B         C         D           0nly Shaft         W/BUSH         TYPE         Inches         Inches         Inches         Inches         Inches           15110         S-1133         PULL         2.00         1.18         0.81         12.12           16984         S-1344         PULL         2.00         1.18         0.81         12.12           23569         S-1661         PULL         2.00         1.18         0.81         12.12           14660         S-1130         PUSH         1.75         1.18         0.81         12.12           14661         S-1132         PUSH         2.00         1.18         0.81         12.12           15110         S-1132         PUSH         2.00         1.18         0.81         12.12           16983         S-1343         PULL         2.00         1.18         0.81         12.12           16984         S-1344         PULL         2.00         1.18         0.81         12.12           20530         S-1496         PUSH         1.75         1.18         0.81         12.12      123570         S-1662         PULL <td>INPUT KIT         PART NO.         PART NO.         PART NO.         A         B         C         D         NUT/ Only Shaft         W/BUSH         TYPE         Inches         Inches         Inches         Inches         SR           15110         S-1133         PULL         2.00         1.18         0.81         12.12         D           16984         S-1344         PULL         2.00         1.18         0.81         12.12         F           23569         S-1661         PULL         2.00         1.18         0.81         12.12         C           14660         S-1130         PUSH         1.75         1.18         0.81         12.12         D           144995         S-1132         PUSH         2.00         1.18         0.81         12.12         D           15110         S-1132         PUSH         2.00         1.18         0.81         12.12         E           16983         S-1343         PULL         1.75         1.18         0.81         12.12         F           16984         S-1344         PULL         2.00         1.18         0.81         12.12         F           20530         S-1496         PUSH</td> <td>INPUT KIT PART NO.         PART NO.         PART NO.         PART NO.         PART NO.         PART NO.         PART NO.         Inches         Inches         Inches         SR         COVER           15110         S-1133         PULL         2.00         1.18         0.81         12.12         D         J           16984         S-1344         PULL         2.00         1.18         0.81         12.12         F         H           23569         S-1661         PULL         2.00         1.18         0.81         12.12         F         N           14660         S-1130         PUSH         1.75         1.18         0.81         12.12         C         F           14661         S-1131         PULL         2.00         1.18         0.81         12.12         D         J           15110         S-1132         PUSH         2.00         1.18         0.81         12.12         D         J           15112         S-1134         PUSH         2.00         1.18         0.81         12.12         F         H           16983         S-1344         PULL         2.00         1.18         0.81         12.12         F         M     </td>	INPUT KIT         PART NO.         PART NO.         PART NO.         A         B         C         D         NUT/ Only Shaft         W/BUSH         TYPE         Inches         Inches         Inches         Inches         SR           15110         S-1133         PULL         2.00         1.18         0.81         12.12         D           16984         S-1344         PULL         2.00         1.18         0.81         12.12         F           23569         S-1661         PULL         2.00         1.18         0.81         12.12         C           14660         S-1130         PUSH         1.75         1.18         0.81         12.12         D           144995         S-1132         PUSH         2.00         1.18         0.81         12.12         D           15110         S-1132         PUSH         2.00         1.18         0.81         12.12         E           16983         S-1343         PULL         1.75         1.18         0.81         12.12         F           16984         S-1344         PULL         2.00         1.18         0.81         12.12         F           20530         S-1496         PUSH	INPUT KIT PART NO.         PART NO.         PART NO.         PART NO.         PART NO.         PART NO.         PART NO.         Inches         Inches         Inches         SR         COVER           15110         S-1133         PULL         2.00         1.18         0.81         12.12         D         J           16984         S-1344         PULL         2.00         1.18         0.81         12.12         F         H           23569         S-1661         PULL         2.00         1.18         0.81         12.12         F         N           14660         S-1130         PUSH         1.75         1.18         0.81         12.12         C         F           14661         S-1131         PULL         2.00         1.18         0.81         12.12         D         J           15110         S-1132         PUSH         2.00         1.18         0.81         12.12         D         J           15112         S-1134         PUSH         2.00         1.18         0.81         12.12         F         H           16983         S-1344         PULL         2.00         1.18         0.81         12.12         F         M

		I	NPUT S	SHAFTS	5	0		
NUT OR SNAP RING	Ŧ	SEE TABLE Z1			1	D.		
COVER	Ŧ	SEE TABLE Z3	201	/h	/	/		
SEAL	Ŧ	SEE TABLE Z2	B		/	D		
			*		(*)	Note: New Production with new revised spline.	original Spline	New Spline

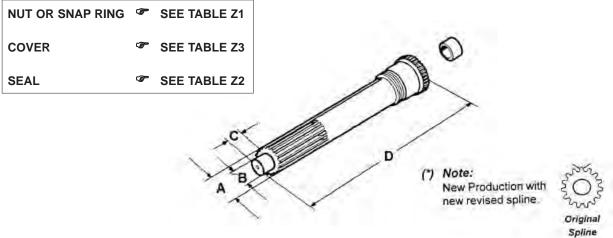
TABLE INP	UT SHAFTS INPUT KIT	S FOR 9 SP	EEDS							
	PART NO.	PART NO.		А	в	СД	NUT/			
MODELS	Only Shaft	W/BUSH	TYPE	Inches	Inches	Inches	Inches	SR	COVER	<u>SEAL</u>
RT-909A	14660	S-1130	PUSH	1.75	1.18	0.81	12.12	С	F	
RTO-909 A/B	14661	S-1131	PULL	1.75	1.18	0.81	12.12	D	G	
RT-9509 A/C	14995	S-1132	PUSH	2.00	1.18	0.81	12.12	С	1	
RTO-9509 A/B	15110	S-1133	PULL	2.00	1.18	0.81	12.12	D	J	
	15112	S-1134	PUSH	2.00	1.18	0.81	12.12	E	K	D
	16983	S-1343	PULL	1.75	1.18	0.81	12.12	F	Н	В
	16984	S-1344	PULL	2.00	1.18	0.81	12.12	F	Н	С
	20530	S-1496	PUSH	1.75	1.18	0.81	12.12	F	L	
	20531	S-1497	PULL	1.75	1.18	0.81	12.12	F	М	
	23569	S-1661	PULL	2.00	1.18	0.81	12.12	F	N	
	23570	S-1662	PUSH	2.00	1.18	0.81	12.12	F	0	
	F88983		PUSH	1.75	0.98	1.50	14.25	С	R	
DT 44500	40.405	0.4400		0.00	4.40	0.04				
RT-11509	16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
RTO/RTX-11509		S-1409	PULL	2.00	1.18	0.81	11.94	F	<u>H</u>	С
	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
RT-12509	16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
RTO/RTX-12509		S-1129	PUSH	2.00	1.18	0.81	11.94	C	Ŭ	
110/117-1200	18837	S-1409	PULL	2.00	1.18	0.81	11.94	F	<u>H</u>	С
	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RT/RTX-6609	U66002		PUSH							
RT/RTX-7609	F99715		PUSH							
	F99779 F99869		PULL							
	U66002		FULL							
RT-8609	20787	A-5021	PULL	2.00	1.18	0.81	12.50	В	D	
	20788	A-5022	PULL	1.75	1.18	0.81	12.50	В	D	
	21001	A-5083	PULL	1.75	1.18	0.81	12.50	В	D	
RT-8608L	20532	S-1498	PUSH	1.75	1.18	0.81	11.94	F	L	
VI-0000L	20532	S-1498 S-1504	PUSH	1.75	1.18	0.81	11.94	F F	L	
	20538	S-1504 S-1659*	PULL	2.00				F F	N	
	23566	S-1659 S-1660	PULL	2.00	<u>1.18</u> 1.18	0.81	<u>11.94</u> 11.94	F F	0	
RT/RTO-11609								<u>- </u> - Р		
	16465	S-1128	PULL	2.00	1.18	0.81	11.94		J	
RTX-11609	16466	S-1129	PUSH	2.00	1.18	0.81	11.94	С	I	
RT/RTO-12609	F96031	T20085	DUU	2.00	1.18	0.81	11.94			
RTX-12609	18837	S-1409	PULL	2.00	1.18	0.81	11.94	F	Н	С

## **INPUT SHAFTS**



#### TABLE INPUT SHAFTS FOR 9 SPEEDS (Cont'd)

INPUT KIT PART NO. Dnly Shaft	PART NO. W/BUSH	<u>TYPE</u>	A Inches	B Inches	C Inches	D <u>Inches</u>	NUT/ 	COVER	<u>SEAL</u>
19316	S-1406	PULL	1.75	1.18	0.81	11.94	D	G	
19714		PUSH	1.75	1.18	0.81	11.94	С	F	
19716		PUSH	2.00	1.18	0.81	11.94	Е	K	D
20532	S-1498	PUSH	1.75	1.18	0.81	11.94	F	L	
20538	S-1504	PULL	1.75	1.18	0.81	11.94	F	Μ	
23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	Ν	
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
16465	S-1128	PULL	2 00	1 18	0.81	11 94	D	.1	
								U	
								H	С
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
23566	S-1659*	PULI	2.00	1.18	0.81	11.94	F	N	
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
23566 23567	S-1659* S-1660	PULL PUSH	2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
	KIT PART NO. Dnly Shaft 19316 19714 19716 20532 20538 23566 23567 23566 23567 23566 23567 23566 23567 23566 23567 23566 23567 23566 23567 23566 23567 23566 23567	KIT         PART NO. W/BUSH           19316         S-1406           19714         19716           20532         S-1498           20538         S-1504           23566         S-1659*           23567         S-1660           23566         S-1128           16465         S-1128           16466         S-1129           18837         S-1409           23566         S-1659*           23567         S-1660           23566         S-1659*           23567         S-1	KIT         PART NO. Dnly Shaft         PART NO. W/BUSH         TYPE           19316         S-1406         PULL           19714         PUSH           19716         PUSH           20532         S-1498         PUSH           20538         S-1504         PULL           23566         S-1659*         PULL           23566         S-1659*         PULL           23566         S-1660         PUSH           23566         S-1660         PUSH           23566         S-1660         PUSH           23566         S-1660         PUSH           16465         S-1128         PULL           23566         S-1659*         PULL	KIT PART NO. Dnly Shaft         PART NO. W/BUSH         TYPE         A Inches           19316         S-1406         PULL         1.75           19714         PUSH         1.75           19716         PUSH         2.00           20532         S-1498         PUSH         1.75           20538         S-1504         PULL         1.75           23566         S-1659*         PULL         2.00           23567         S-1660         PUSH         2.00           23566         S-1659*         PULL         2.00           23566         S-1660         PUSH         2.00           23566         S-1660         PUSH         2.00           23566         S-1128         PULL         2.00           16465         S-1129         PUSH         2.00           23566         S-1659*         PULL         2.00           23566         S-1659*         PULL<	KIT PART NO.         PART NO.         A         B           19316         S-1406         PULL         1.75         1.18           19714         PUSH         1.75         1.18           19716         PUSH         2.00         1.18           20532         S-1498         PUSH         1.75         1.18           20538         S-1504         PULL         1.75         1.18           20538         S-1659*         PULL         2.00         1.18           23566         S-1659*         PULL         2.00         1.18           23567         S-1660         PUSH         2.00         1.18           23567         S-1660         PUSH         2.00         1.18           23567         S-1660         PUSH         2.00         1.18           23566         S-1128         PULL         2.00         1.18           16465         S-1129         PUSH         2.00         1.18           23566         S-1659*         PULL         2.00         1.18           23566         S-1659*         PULL         2.00         1.18           23566         S-1659*         PULL         2.00         1.18	KIT PART NO.         PART NO.         A         B         C         Inches         Inches         Inches         Inches           19316         S-1406         PULL         1.75         1.18         0.81           19714         PUSH         1.75         1.18         0.81           19716         PUSH         2.00         1.18         0.81           20532         S-1498         PUSH         1.75         1.18         0.81           20532         S-1498         PULL         1.75         1.18         0.81           20532         S-1404         PULL         2.00         1.18         0.81           23566         S-1659*         PULL         2.00         1.18         0.81           23567         S-1660         PUSH         2.00         1.18         0.81           23566         S-1659*         PULL         2.00         1.18         0.81           16465         S-1128         PULL         2.00         1.18         0.81           23566         S-1659*         PULL         2.00         1.18         0.81           23566         S-1659*         PULL         2.00         1.18         0.81	KIT PART NO.         PART NO.         TYPE         A         B         C         D           19316         S-1406         PULL         1.75         1.18         0.81         11.94           19714         PUSH         1.75         1.18         0.81         11.94           19716         PUSH         2.00         1.18         0.81         11.94           20532         S-1498         PUSH         1.75         1.18         0.81         11.94           20538         S-1504         PULL         1.75         1.18         0.81         11.94           23566         S-1659*         PULL         2.00         1.18         0.81         11.94           23567         S-1660         PUSH         2.00         1.18         0.81         11.94           23566         S-1659*         PULL         2.00         1.18         0.81         11.94           23566         S-1600         PUSH         2.00         1.18         0.81         11.94           16465         S-1128         PULL         2.00         1.18         0.81         11.94           23566         S-1659*         PULL         2.00         1.18         0.81	KIT PART NO.         PART NO.         MUSH         TYPE         A         B         C         D         NUT/ Inches         NUT/ SR           19316         S-1406         PULL         1.75         1.18         0.81         11.94         D           19716         PUSH         1.75         1.18         0.81         11.94         C           19716         PUSH         2.00         1.18         0.81         11.94         E           20532         S-1498         PUSH         1.75         1.18         0.81         11.94         F           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F           23566         S-1659*         PULL </td <td>KIT PART NO. DNJ Shaft         PART NO. JW/BUSH         PART NO. TYPE         A Inches         B Inches         C Inches         D Inches         NUT/ SR         COVER           19316         S-1406         PULL         1.75         1.18         0.81         11.94         D         G           19714         PUSH         2.00         1.18         0.81         11.94         C         F           19716         PUSH         2.00         1.18         0.81         11.94         F         L           20532         S-1498         PUSH         2.00         1.18         0.81         11.94         F         M           23566         S-1660         PUSH         2.00         1.18         0.81         11.94         F         N           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F         N           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F         N           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F         H           23566         S-1128         PULL         2.00<!--</td--></td>	KIT PART NO. DNJ Shaft         PART NO. JW/BUSH         PART NO. TYPE         A Inches         B Inches         C Inches         D Inches         NUT/ SR         COVER           19316         S-1406         PULL         1.75         1.18         0.81         11.94         D         G           19714         PUSH         2.00         1.18         0.81         11.94         C         F           19716         PUSH         2.00         1.18         0.81         11.94         F         L           20532         S-1498         PUSH         2.00         1.18         0.81         11.94         F         M           23566         S-1660         PUSH         2.00         1.18         0.81         11.94         F         N           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F         N           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F         N           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F         H           23566         S-1128         PULL         2.00 </td





### TABLE INPUT SHAFTS FOR 9 SPEEDS (Cont'd)

	INPUT KIT PART NO. Only Shaft	PART NO. W/BUSH	<u>TYPE</u>	A Inches	B Inches	C Inches	D Inches	NUT/ _ <u>SR_</u>	<u>COVER</u>	<u>SEAL</u>
RTO-1157DLL	15110	S-1133	PULL	2.00	1.18	0.81	12.12	D	J	
	16984	S-1344	PULL	2.00	1.18	0.81	12.12	F	H	С
RTO-1157DLL	23569	S-1661	PULL	2.00	1.18	0.81	12.12	F	Ν	
RTO-11607LL	14660	S-1130	PUSH	1.75	1.18	0.81	12.12	С	F	
	14661	S-1131	PULL	1.75	1.18	0.81	12.12	D	G	
	14995	S-1132	PUSH	2.00	1.18	0.81	12.12	С		
	15110	S-1133	PULL	2.00	1.18	0.81	12.12	D	J	
	15112	S-1134	PUSH	2.00	1.18	0.81	12.12	E	K	D
	16983	S-1343	PULL	1.75	1.18	0.81	12.12	F	Н	В
	16984	S-1344	PULL	200	1.18	0.81	12.12	F	Н	С
	20530	S-1496	PUSH	1.75	1.18	0.81	12.12	F	L	
	20531	S-1497	PULL	1.75	1.18	0.81	12.12	F	М	
	23569	S-1661	PULL	2.00	1.18	0.81	12.12	F	N	
	23570	S-1662	PUSH	2.00	1.18	0.81	12.12	F	0	
RTLO-11707LL	20530	S-1496	PUSH	1.75	1.18	0.81	12.12	F	1	
	20531	S-1497	PULL	1.75	1.18	0.81	12.12	F	M	
	23569	S-1661	PULL	2.00	1.18	0.81	12.12	F	N	
	23570	S-1662	PUSH	2.00	1.18	0.81	12.12	F	0	
RTLO-13707LL	23569	S-1661	PULL	2.00	1.18	0.81	12.12	F	N	

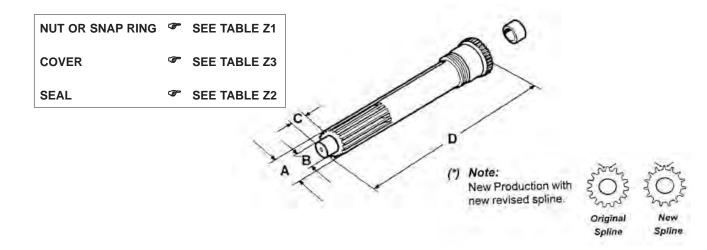
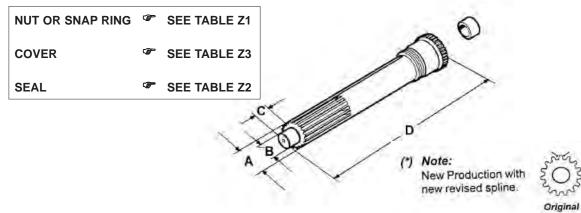


TABLE IN	PUT SHA	FTS FOR	10 SPI	EEDS						
MODELS	PART NO. Only Shaft	PART NO. <u>W/BUSH</u>	TYPE	A Inches	B Inches	C Inches	D Inches	NUT/ SR	<u>COVER</u>	<u>SEAL</u>
RT-RTO-610	18441	S-1250	PUSH	1.75	1.18	0.81	12.28	А	А	
RT-RTO-6610	18442	S-1251	PUSH	1.75	0.98	0.81	12.28	А	А	
	18443	S-1252	PUSH	1.50	0.98	0.81	11.42	А	В	
	18444	S-1253	PULL	1.75	1.18	0.81	12.28	А	С	
	18445	S-1254	PUSH	1.50	0.98	0.81	12.28	А	В	
	18446	S-1255	PULL	1.75	0.98	0.81	12.28	А	С	
RT/RTO-910	15110	S-1133	PULL	2.00	1.18	0.81	12.12	D	J	
	15112	S-1134	PUSH	2.00	1.18	0.81	12.12	E	ĸ	D
	16983	S-1343	PULL	1.75	1.18	0.81	12.12	F	H	B
	16984	S-1344	PULL	2.00	1.18	0.81	12.12	F	H	C
	20530	S-1496	PUSH	1.75	1.18	0.81	12.12	F	L	
	20531	S-1497	PULL	1.75	1.18	0.81	12.12	F	M	
	23569	S-1661	PULL	2.00	1.18	0.81	12.12	F	N	
	23570	S-1662	PUSH	2.00	1.18	0.81	12.12	F	0	
RT/RTO-1110	16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
RTX-1110	18837	S-1128	PULL	2.00	1.18	0.81	11.94	 F	J H	 C
	23566	S-1409 S-1659*	PULL	2.00	1.18	0.81	11.94	 F	<u> </u>	
	23300	3-1039	FULL	2.00	1.10	0.81	11.94	Г	IN	
RT/RTO-11610	16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
RTX-11610	16466	S-1129	PUSH	2.00	1.18	0.81	11.94	С		
RT/RTO-12610	18837	S-1409	PULL	2.00	1.18	0.81	11.94	F	Н	С
RTX-12610	19316	S-1406	PULL	1.75	1.18	0.81	11.94	D	G	
RT/RTO-14610	19714		PUSH	1.75	1.18	0.81	11.94	С	F	
RTX-14610	19716		PUSH	2.00	1.18	0.81	11.94	Е	K	D
	20532	S-1498	PUSH	1.75	1.18	0.81	11.94	F	L	
	20538	S-1504	PULL	1.75	1.18	0.81	11.94	F	М	
	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RT/RTO-12510	16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
	16466	S-1129	PUSH	2.00	1.18	0.81	11.94	C		
RTX-12510	10400									

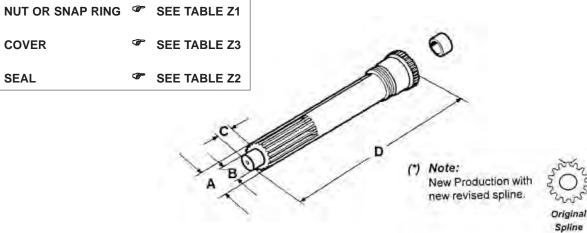




Original New Spline Spline

### TABLE INPUT SHAFTS FOR 10 SPEEDS (Cont'd)

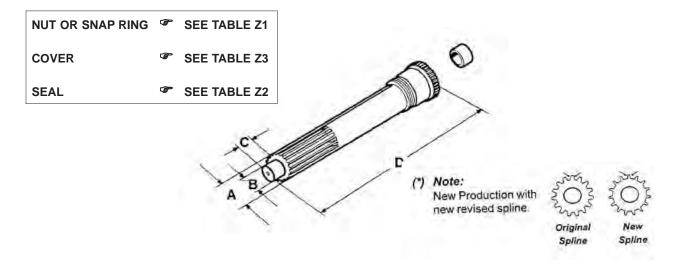
MODELS	INPUT KIT PART NO. Only Shaft	PART NO. W/BUSH	TYPE	A	B	C Inches	D Inches	NUT/ _SR_	COVER	SEAL
	Only Share		<u></u>	Inches	<u>incries</u>	Inches	Inches			JLAL
RT/RTO-12510 RTX-12510	) 23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RT/RTX-11710	23566 23567	S-1659* S-1660	PULL PUSH	2.00	1.18 1.18	0.81 0.81	11.94 11.94	F F	N O	
RT/RTX-12710	23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F F	N O	
RT/RTX-13710	23566 23567	S-1659* S-1660	PULL PUSH	2.00	1.18 1.18	0.81 0.81	11.94 11.94	F F	N O	
RT/RTX-14710	23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RT/RTX-15710	23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RT/RTX-16710	23566 23567	S-1659 S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RTLO-11610B	23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RTLO-12610B	23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RTLO-13610B	23566 23567	<u>S-1659*</u> S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	<u>11.94</u> 11.94	F	N O	





### TABLE INPUT SHAFTS FOR 10 SPEEDS (Cont'd)

	INPUT				····,					
MODELS	KIT PART NO. <u>Only Shaft</u>	PART NO. <u>W/BUSH</u>	<u>TYPE</u>	A <u>Inches</u>	B Inches	C Inches	D <u>Inches</u>	NUT/ SR	<u>COVER</u>	SEAL
RTLO-14610B	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RTLO-15610B	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RTLO-16610B	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RTO-958LL/LLE	3 14660	S-1130	PUSH	1.75	1.18	0.81	12.12	С	F	
	14661 14995	S-1131 S-1132	PULL PUSH	1.75 2.00	1.18 1.18	0.81 0.81	12.12 12.12	D C	G	
	15110	S-1133	PULL	2.00	1.18	0.81	12.12	D	J	
	15112 16983	S-1134 S-1343	PUSH PULL	2.00	<u>1.18</u> 1.18	0.81	12.12 12.12	E F	<u>к</u> Н	D B
	16984	S-1344	PULL	2.00	1.18	0.81	12.12	F	Н	С
	20530 20531	S-1496 S-1497	PUSH PULL	<u>1.75</u> 1.75	1.18 1.18	0.81	12.12 12.12	F F	M	
	23569 23570	S-1661 S-1662	PULL PUSH	2.00	1.18	0.81	12.12 12.12	F	N O	
	20010	0 1002		2100		0.01			~	
RTO-1258LL	16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
	16466 18837	S-1129 S-1409	PUSH PULL	2.00	1.18 1.18	0.81	<u>11.94</u> 11.94	C F	<u> </u>	 C
	23566 23567	S-1659* S-1660	PULL PUSH	2.00	1.18	0.81	11.94 11.94	F	N O	
	20001	01000	1 0011	2.00	1.10	0.01	11.54	1	0	
RTO-11608LL	16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
	16466 19316	S-1129 S-1406	PUSH PULL	2.00 1.75	1.18 1.18	0.81 0.81	11.94 11.94	C D	G I	
	19714		PUSH	1.75	1.18	0.81	11.94	С	F	



### TABLE INPUT SHAFTS FOR 10 SPEEDS (Cont'd)

19716 18837		DUCU			Inches	Inches	SR	COVER	<u>SEAL</u>
		PUSH	2.00	1.18	0.81	11.94	E	K	D
00500	S-1409	PULL	2.00	1.18	0.81	11.94	F	Н	С
20532	S-1498	PUSH	1.75	1.18	0.81	11.94	F	L	
20538	S-1504	PULL	1.75	1.18	0.81	11.94	F	M	
23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	Ν	
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
16466	S-1129	PUSH	2.00	1.18	0.81	11.94	С		
19716		PUSH	2.00	1.18	0.81	11.94		К	D
23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	Ν	
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
20532	S-1498	PUSH	1 75	1 18	0.81	11 94	F		
								 M	
23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F		
23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
20787	A-5021	PHIL	2.00	1 18	0.81	12 50	в	D	
		-		-					
		-		-			B	D	
	23566 23567 16465 16466 19716 23566 23567 20532 20532 20538 23566	23566 S-1659* 23567 S-1660 16465 S-1128 16466 S-1129 19716 23566 S-1659* 23567 S-1660 20532 S-1498 20538 S-1504 23566 S-1659* 23567 S-1660 20787 A-5021 20787 A-5022	23566         S-1659*         PULL           23567         S-1660         PUSH           16465         S-1128         PULL           16466         S-1129         PUSH           19716         PUSH           23566         S-1659*         PULL           23566         S-1659*         PULL           23567         S-1660         PUSH           20532         S-1498         PUSH           20538         S-1504         PULL           23566         S-1659*         PULL           23567         S-1660         PUSH           20538         S-1504         PULL           23567         S-1660         PUSH           20787         A-5021         PULL           20788         A-5022         PULL	23566         S-1659*         PULL         2.00           23567         S-1660         PUSH         2.00           16465         S-1128         PULL         2.00           16466         S-1129         PUSH         2.00           19716         PUSH         2.00           23566         S-1659*         PULL         2.00           23567         S-1660         PUSH         2.00           23567         S-1660         PUSH         2.00           20532         S-1498         PUSH         1.75           20538         S-1504         PULL         1.75           23567         S-1660         PUSH         2.00           23567         S-1660         PUSH         2.00           23567         S-1660         PUSH         2.00           23567         S-1660         PUSH         2.00           20787         A-5021         PULL         2.00           20788         A-5022         PULL         1.75	23566         S-1659*         PULL         2.00         1.18           23567         S-1660         PUSH         2.00         1.18           16465         S-1128         PULL         2.00         1.18           16465         S-1128         PULL         2.00         1.18           16466         S-1129         PUSH         2.00         1.18           19716         PUSH         2.00         1.18           23566         S-1659*         PULL         2.00         1.18           23567         S-1660         PUSH         2.00         1.18           20532         S-1498         PUSH         1.75         1.18           20538         S-1504         PULL         1.75         1.18           23567         S-1660         PUSH         2.00         1.18           23567         S-1660         PUSH         2.00         1.18           23567         S-1660         PUSH         2.00         1.18           20787         A-5021         PULL         2.00         1.18           20788         A-5022         PULL         1.75         1.18	23566         S-1659*         PULL         2.00         1.18         0.81           23567         S-1660         PUSH         2.00         1.18         0.81           16465         S-1128         PULL         2.00         1.18         0.81           16465         S-1128         PULL         2.00         1.18         0.81           16466         S-1129         PUSH         2.00         1.18         0.81           19716         PUSH         2.00         1.18         0.81           23566         S-1659*         PULL         2.00         1.18         0.81           23567         S-1660         PUSH         2.00         1.18         0.81           20532         S-1498         PUSH         1.75         1.18         0.81           20538         S-1504         PULL         1.75         1.18         0.81           23567         S-1660         PUSH         2.00         1.18         0.81           23567         S-1660         PUSH         2.00         1.18         0.81           23567         S-1660         PUSH         2.00         1.18         0.81           20787         A-5021	23566         S-1659*         PULL         2.00         1.18         0.81         11.94           23567         S-1660         PUSH         2.00         1.18         0.81         11.94           23567         S-1660         PUSH         2.00         1.18         0.81         11.94           16465         S-1128         PULL         2.00         1.18         0.81         11.94           16466         S-1129         PUSH         2.00         1.18         0.81         11.94           19716         PUSH         2.00         1.18         0.81         11.94           23566         S-1659*         PULL         2.00         1.18         0.81         11.94           23567         S-1660         PUSH         2.00         1.18         0.81         11.94           20532         S-1498         PUSH         1.75         1.18         0.81         11.94           20538         S-1504         PULL         1.75         1.18         0.81         11.94           23567         S-1660         PUSH         2.00         1.18         0.81         11.94           23567         S-1660         PUSH         2.00         1.18 <td>20538         S-1504         PULL         1.75         1.18         0.81         11.94         F           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F           16465         S-1128         PULL         2.00         1.18         0.81         11.94         D           16466         S-1129         PUSH         2.00         1.18         0.81         11.94         C           19716         PUSH         2.00         1.18         0.81         11.94         E           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F           20532         S-1498         PUSH         1.75         1.18         0.81         11.94         F           20538         S-1504         PULL         1.75         1.18         0.81         11.94         F           23567         S-1660         PUSH         2.00</td> <td>20538         S-1504         PULL         1.75         1.18         0.81         11.94         F         M           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F         N           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F         O           16465         S-1128         PULL         2.00         1.18         0.81         11.94         F         O           16466         S-1129         PUSH         2.00         1.18         0.81         11.94         C         I           19716         PUSH         2.00         1.18         0.81         11.94         E         K           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F         N           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F         Q           20532         S-1498         PUSH         1.75         1.18         0.81         11.94         F         M           23566         S-1659*         PULL         2.00         1.18</td>	20538         S-1504         PULL         1.75         1.18         0.81         11.94         F           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F           16465         S-1128         PULL         2.00         1.18         0.81         11.94         D           16466         S-1129         PUSH         2.00         1.18         0.81         11.94         C           19716         PUSH         2.00         1.18         0.81         11.94         E           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F           20532         S-1498         PUSH         1.75         1.18         0.81         11.94         F           20538         S-1504         PULL         1.75         1.18         0.81         11.94         F           23567         S-1660         PUSH         2.00	20538         S-1504         PULL         1.75         1.18         0.81         11.94         F         M           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F         N           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F         O           16465         S-1128         PULL         2.00         1.18         0.81         11.94         F         O           16466         S-1129         PUSH         2.00         1.18         0.81         11.94         C         I           19716         PUSH         2.00         1.18         0.81         11.94         E         K           23566         S-1659*         PULL         2.00         1.18         0.81         11.94         F         N           23567         S-1660         PUSH         2.00         1.18         0.81         11.94         F         Q           20532         S-1498         PUSH         1.75         1.18         0.81         11.94         F         M           23566         S-1659*         PULL         2.00         1.18

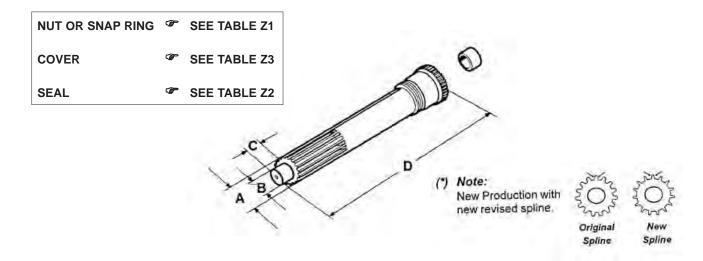
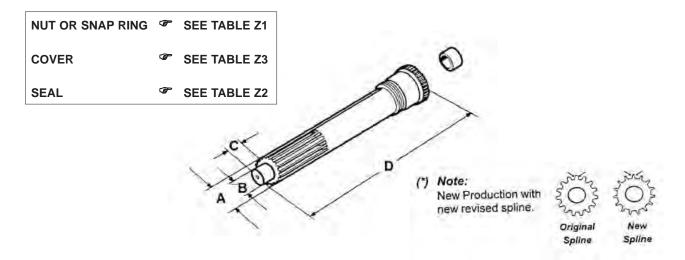


TABLE IN	PUT SHA	FTS FOR	13 SPI	EEDS						
MODELS	PART NO. Only Shaft	PART NO. W/BUSH	TYPE	A Inches	B Inches	C Inches	D Inches	NUT/ SR	COVER	<u>SEAL</u>
RT/RTO-613	18441	S-1250	PUSH	1.75	1.18	0.81	12.28	A	A	
RT/RTO-6613	18442	S-1251	PUSH	1.75	0.98	0.81	12.28	А	А	
	18443	S-1252	PUSH	1.50	0.98	0.81	11.42	А	В	
	18444	S-1253	PULL	1.75	1.18	0.81	12.28	А	С	
	18445	S-1254	PUSH	1.50	0.98	0.81	12.28	А	В	
	18446	S-1255	PULL	1.75	0.98	0.81	12.28	А	С	
RTO/RTOO-913	3 14660	S-1130	PUSH	1.75	1.18	0.81	12.12	С	F	
RT/RTO-9513	14661	S-1130	PULL	1.75	1.18	0.81	12.12	 D	G	
RT00-9513	14001	S-1132	PUSH	2.00	1.18	0.81	12.12	C	<u> </u>	
<u>K100-9515</u>	15110	S-1132	PULL	2.00	1.18	0.81	12.12	D	J	
	15110	S-1133	PUSH	2.00	1.18	0.81	12.12	E	J	 D
	16983	S-1343	PULL	1.75	1.18	0.81	12.12	 F	H	 B
	16984	S-1343	PULL	2.00	1.18	0.81	12.12	F	H	<u>С</u>
	20530	S-1496	PUSH	1.75	1.18	0.81	12.12	F	L	
	20530	S-1490	PULL	1.75	1.18	0.81	12.12	F	M	
	23569	S-1497 S-1661	PULL	2.00	1.18	0.81	12.12	F	N	
	23570	S-1662	PUSH	2.00	1.18	0.81	12.12	F	0	
	F88983	3-1002	PUSH	1.75	0.98	1.50	14.25	C	R	
								_		
RTO-1213	16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
RT/RTO-12513	16466	S-1129	PUSH	2.00	1.18	0.81	11.94	С	<u> </u>	
	19716		PUSH	2.00	1.18	0.81	11.94	E	K	<u>D</u>
	18387	T20078	PUSH	1.75	0.98	1.23	12.92	С	U	A
	23566	S-1659	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660*	PUSH	2.00	1.18	0.81	11.94	F	0	
RT/RTO-11613	16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
RTOO-11613	16466	S-1129	PUSH	2.00	1.18	0.81	11.94	С	I	
	19316	S-1406	PULL	1.75	1.18	0.81	11.94	D	G	
	19716		PUSH	2.00	1.18	0.81	11.94	E	ĸ	D
	18387	T20078	PUSH	1.75	0.98	1.23	12.92	C	U	A
		·								



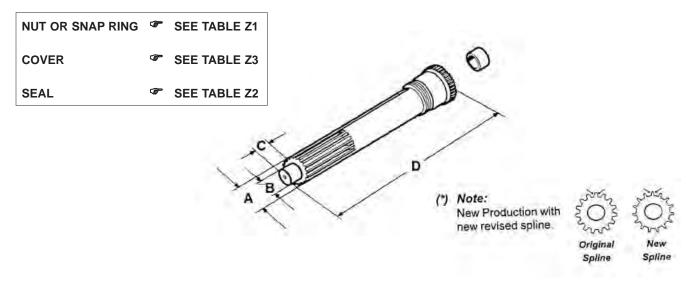
### TABLE INPUT SHAFTS FOR 13 SPEEDS (Cont'd)

MODELS	INPUT KIT PART NO. Only Shaft	PART NO. W/BUSH	<u>TYPE</u>	A Inches	B Inches	C Inches	D <u>Inches</u>	NUT/ _SR	<u>COVER</u>	<u>SEAL</u>
RT/RTO-11613	20532	S-1498	PUSH	1.75	1.18	0.81	11.94	F	L	
RTOO-11613	20538	S-1504	PULL	1.75	1.18	0.81	11.94	F	Μ	
	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RT/RTO-14613	3 16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
RT-14613B	16466	S-1129	PUSH	2.00	1.18	0.81	11.94	С	I	
RTOO-14613	19716		PUSH	2.00	1.18	0.81	11.94	E	K	D
	18387	T20078	PUSH	1.75	0.98	1.23	12.92	С	U	А
	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	Ν	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RTO-14813	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RT/RTO-15613	3 18387	T20078	PUSH	1.75	0.98	1.23	12.92	С	U	A
RT-15613B	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	C F	N	
RTLO-14613	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RTLO-12713	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RTLO-14713	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RTLO-16713	23566	S-1659*	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	

NUT OR SNAP RING	Ŧ	SEE TABLE Z1				
OVER	œ	SEE TABLE Z3		1	0	
SEAL	Ŧ	SEE TABLE Z2		للرم		
		~	hos 1	/	/	
		101	MULAI	/		
		A CONTRACT	5	D		
		AB		D (7)	Note: New Production with new revised spline.	No.

TABLE IN	PUT SHA	FTS FOR	15 SPI	EEDS						
MODELS	INPUT KIT PART NO. <u>Only Shaft</u>	PART NO. <u>W/BUSH</u>	TYPE	A Inches	B Inches	C Inches	D <u>Inches</u>	NUT/ _SR	COVER	<u>SEAL</u>
RT/RTO-915	15110	S-1133	PULL	2.00	1.18	0.81	12.12	D	J	
	15112	S-1134	PUSH	2.00	1.18	0.81	12.12	E	K	D
	16983	S-1343	PULL	1.75	1.18	0.81	12.12	F	H	B
	16984	S-1344	PULL	2.00	1.18	0.81	12.12	F	H	C
	20530	S-1496	PUSH	1.75	1.18	0.81	12.12	F	L	
	20531	S-1497	PULL	1.75	1.18	0.81	12.12	F	M	
	23569	S-1661	PULL	2.00	1.18	0.81	12.12	F	N	
	23570	S-1662	PUSH	2.00	1.18	0.81	12.12	F	0	
RT/RTO-12515	16465	S-1128	PULL	2.00	1.18	0.81	11.94	D		
KI/KIO-12515	16465	S-1128	PUSH	2.00	1.18	0.81	11.94	D C	J	
	18837	S-1129 S-1409	PUSH	2.00	1.18	0.81	11.94	F	<u>          н</u>	 C
	23566	S-1409 S-1659	PULL	2.00	1.18	0.81	11.94	F F	<u> </u>	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
									-	
RT/RTO-11615	16465	S-1128	PULL	2.00	1.18	0.81	11.94	D	J	
RTX-11615	16466	S-1129	PUSH	2.00	1.18	0.81	11.94	С	<u> </u>	
RT/RTO-14615	18837	S-1409	PULL	2.00	1.18	0.81	11.94	F	H	С
RTX-14615	19316	S-1406	PULL	1.75	1.18	0.81	11.94	D	G	
	19714		PUSH	1.75	1.18	0.81	11.94	C	F	
	19716	0.4400	PUSH	2.00	1.18	0.81	11.94	E	K	D
	20532	S-1498	PUSH	1.75	1.18	0.81	11.94	F	L	
	20538	S-1504	PULL	1.75	1.18	0.81	11.94	F	M	
	23566	S-1659	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RT/RTO-15615	18837	S-1409	PULL	2.00	1.18	0.81	11.94	F	н	С
RTX-15615	23566	S-1659	PULL	2.00	1.18	0.81	11.94	F	N	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RT/RTO-11715	20532	S-1498	PUSH	1.75	1.18	0.81	11.94	F	L	
RTX-11715	20538	S-1504	PULL	1.75	1.18	0.81	11.94	F	М	

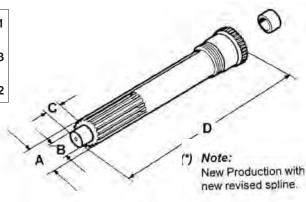
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### **TABLE INPUT SHAFTS FOR 15 SPEEDS**

MODELS	INPUT KIT PART NO. <u>Only Shaft</u>	PART NO. <u>W/BUSH</u>	<u>TYPE</u>	A Inches	B Inches	C Inches	D <u>Inches</u>	NUT/ SR	<u>COVER</u>	<u>SEAL</u>
	23566	S-1659	PULL	2.00	1.18	0.81	11.94	F	Ν	
	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RT/RTO-14715	23566	S-1659	PULL	2.00	1.18	0.81	11.94	F	N	
RTX-14715	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	
RT/RTO-15715		S-1659	PULL	2.00	1.18	0.81	11.94	F	Ν	
RTX-15715	23567	S-1660	PUSH	2.00	1.18	0.81	11.94	F	0	

NUT OR SNAP RINGImage: See table 21COVERImage: See table 23SEALImage: See table 22



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### **TABLE INPUT SHAFTS FOR 18 SPEEDS**

	INPUT KIT PART NO. <u>Only Shaft</u>	PART NO. <u>W/BUSH</u>	<u>TYPE</u>	A Inches	B Inches	C Inches	D <u>Inches</u>	NUT/ 	COVER	<u>SEAL</u>
RTO-15618	23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F F	N O	
RTLO-14618	23566 23567	S-1659* S-1660	PULL PUSH	2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RTLO-16618	23566 23567	S-1659* S-1660	PULL PUSH	2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RTLO-14718	23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RTLO-16718	23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RTLO-18718	4302661	S-2265	PULL	2.00				F	Ν	
RTLO-14918	23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RTLO-16918	23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RTLO-18918	23566 23567	S-1659* S-1660	PULL PUSH	2.00 2.00	1.18 1.18	0.81 0.81	11.94 11.94	F	N O	
RTLO-20918 RTLO-20918-T>	23566 ( 23567	S-1659* S-1660	PULL PUSH	2.00	1.18 1.18	0.81 0.81	11.94 11.94	F F	N O	



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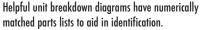
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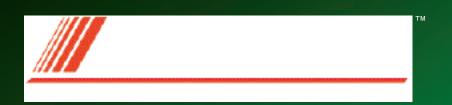
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