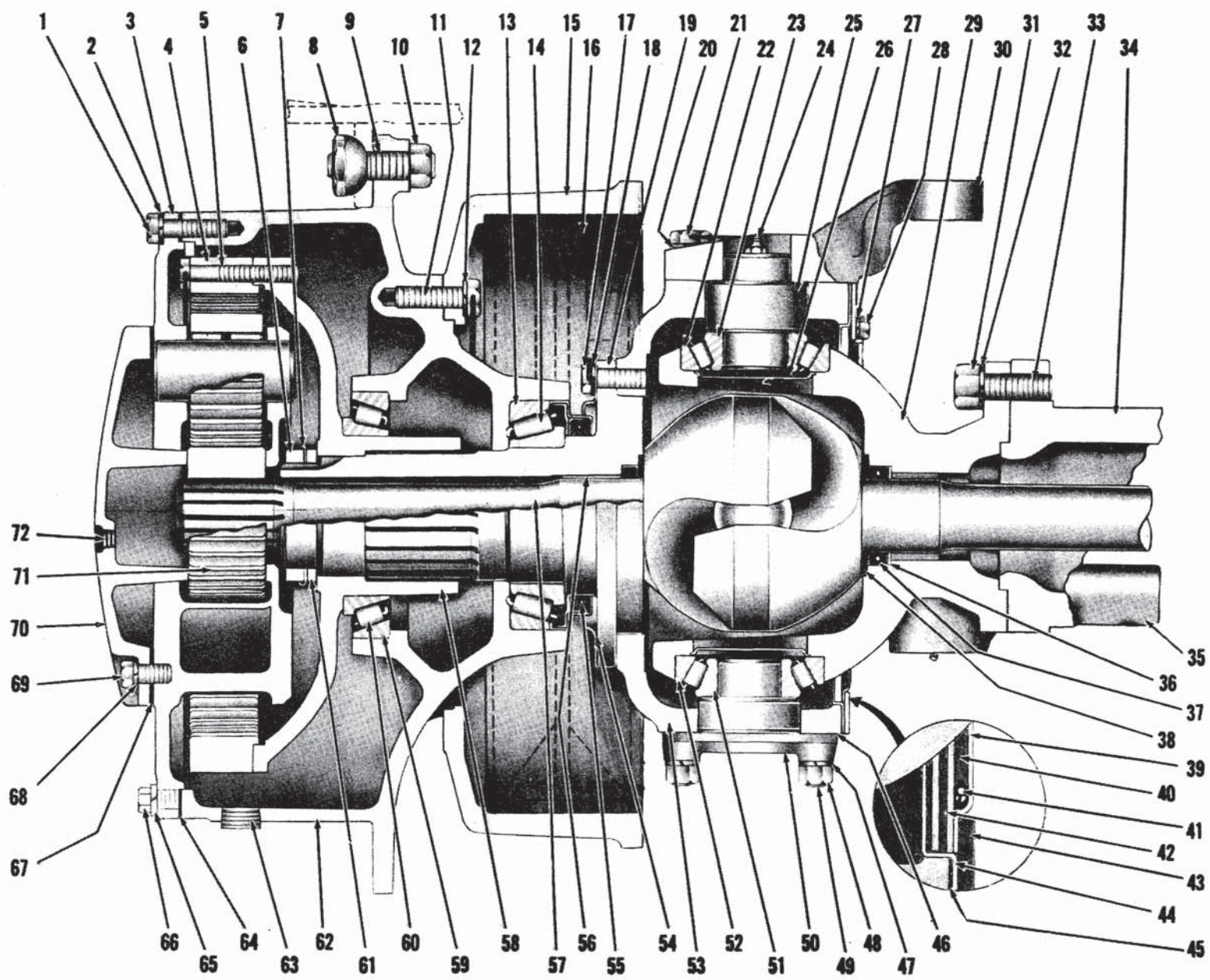




AXLE ASSEMBLY — REAR DRIVE STEER

TS-1713-P

AXLE ASSEMBLY — REAR DRIVE STEER

Column 1 — For WAUKESHA Powered — Serial 12130 thru 12223.

Column 2 — For WAUKESHA Powered — Serial 12224 thru 12369.

Column 3 — For WAUKESHA Powered — Serial 12370 thru 14130.

For G.M. Powered — Serial 13337 thru 13556, 16123 thru 16417.

Column 1 is complete as to part number listing. Column 2 and 3 use items as indicated in Column 1, except where indicated.

Item No.	Description	No. Req'd.	1			2			3		
			***130174			***130175			***130063		
1	BOLT, Planet Spider to Hub	20	100970								
2	LKWSHR, Planet Spider to Hub	20	106762								
3	PLANET SPIDER — See Index	—									
4	GEAR, Internal	2	106233								
5	BOLT, Internal Gear to Hub	16	106883								
6	NUT, Outer Spindle	2	114433								
7	LOCK, Spindle Nut	2	101274								
8	NUT, Wheel	20	103522								
9	STUD, Wheel	20	121062								
10	NUT, Wheel Stud	20	103076								
11	*BOLT, Brake Drum to Hub	12	107256								
11A	**BOLT, Brake Drum to Hub	24	OMIT			OMIT			107256		
12	*WASHER, Brake Drum to Hub	12	104412								
12A	**WASHER, Brake Drum to Hub	24	OMIT			OMIT			104412		
13	CUP, Inner Hub Bearing	2	672004								
14	CONE, Inner Hub Bearing	2	672005								
15	*DRUM, Brake (6 Mounting Holes)	2	106254								
15A	**DRUM, Brake (12 Mounting Holes)	2	OMIT			OMIT			107646		
16	BRAKE ASSY — See Index	—									
17	BOLT, Spindle & Brake Attaching	32	106537			106546			106546		
18	WASHER, Spindle Bolt	32	25E-21			OMIT			OMIT		
18A	LOCKCLIP, Spindle Bolt	16	OMIT			109076			109076		
19	SPINDLE ASSY (Inc. 56)	2	106274			106542			106744		
20	WASHER, Steering Arm Bolt	4	111656								
21	BOLT, Steering Arm	4	106313								
22	CUP, Trunion Bearing	2	675258								
23	CONE, Trunion Bearing	2	667277								
24	FITTING, Steering Trunion Grease	2	10H-25								
25	TRUNNION, Steering—L.H.	1	106290								
25A	TRUNNION, Steering—R.H.	1	108431								
26	RETAINER, Trunion Oil	2	106291								
27	LKWSHR, Oil Seal Retainer	24	4E-06								
28	BOLT, Oil Seal Retainer	24	1C-612								
29	OUTER END, Housing	2	108877								
29A	†PLUG, Outer End Filler	2	13F-12			13F-12			10F-12		
30	ARM, Steering	1	106308								
31	NUT, Outer End Stud	16	2D-12			107089			107089		
32	WASHER, Outer End Stud	16	4E-12			111656			111656		
33	STUD, Outer End to Housing	16	112158								
34	HOUSING, Axle	1	106307								
34A	†PLUG, Housing Filler	1	13F-12			13F-12			10F-12		
34B	†PLUG, Housing Drain	1	14F-12			14F-12			11F-12		
34C	†PLUG, Housing Expansion	1	12F-204								
34D	†BREATHER, Axle Housing	1	100390			106656			106656		
35	TIE ROD ASSY	1	107070								
35A	TIE ROD	1	106305								

***NOTE: "Use 131203 Axle Assembly when complete axle assembly is required for serial ranges covered by Column 1, 2 and 3".

WHEN ORDERING PARTS, ALWAYS STATE MODEL AND SERIAL NO. OF MACHINE

AXLE ASSEMBLY — REAR DRIVE STEER (Continued)

Item No.	Description	No. Req'd.	1 130174	2 130175	3 130063
35B	TIE ROD END ASSY (See Index)	2	112715		
36	WASHER, Oil Seal	2	106297		
37	SEAL, Universal Joint Oil	4	106296		
38	WASHER, Universal Joint Thrust	4	106298		
39	RETAINER, Outer End Dust Seal	2	106286		
40	DUST SEAL, Outer End	2	106284		
41	SPRING, Outer End Dust Seal	2	106285		
42	SEAL, Outer End Oil	2	106283		
43	RING, Outer End Seal Retaining	4	106287		
44	RETAINER, Outer End Oil Seal	2	106281		
45	GASKET, Oil Seal Retainer	2	106282		
46	‡SHIM, Trunion (.004)	—	127636		
46A	‡SHIM, Trunion (.007)	—	106317		
46B	‡SHIM, Trunion (.010)	—	127638		
47	LKWSHR, Trunion Stud	12	4E-09		
48	NUT, Trunion Stud	12	2D-09		
49	STUD, Trunion	12	106115		
50	TRUNNION, Steering—Lower	2	106289		
51	CONE, Trunion Bearing	2	667277		
52	CUP, Trunion Bearing	2	675258		
53	SUPPORT, Spindle—R.H. (Inc. 49)	1	106311	106540	106540
53A	SUPPORT, Spindle—L.H. (Inc. 49)	1	106310	****106553	****106553
54	CATCHER, Oil	2	106315	106545	106545
55	SEAL, Hub Oil	2	111708		
56	BUSHING, Spindle	2	106276		
57	SHAFT ASSY, Axle	2	106306		
58	HUB ASSY, Internal Gear (Inc. 5)	2	940380		
59	CUP, Outer Hub Bearing	2	672181	672181	668553
60	CONE, Outer Hub Bearing	2	672182	672182	675261
61	NUT, Inner Spindle	2	114433		
62	*HUB ASSY (Inc. 13, 59) (6 Mounting Holes)	2	106218		
62A	**HUB ASSY (Inc. 13, 59) (12 Mounting Holes)	2	OMIT	OMIT	107252
63	PLUG, Hub Filler	2	14F-12	14F-12	11F-12
64	GASKET, Planet Spider	2	106239		
65	LKWSHR, Puller Hole Bolt	4	3E-08		
66	BOLT, Puller Hole	4	1C-808		
67	GASKET, Sun Gear Thrust Cap	2	106238		
68	LKWSHR, Thrust Cap	12	4E-07		
69	BOLT, Thrust Cap	12	1C-720		
70	CAP, Sun Gear Thrust (Inc. 70A)	2	944277		
70A	‡VALVE, Relief	2	111805		
71	GEAR, Sun	2	106246		
72	PLUG, Thrust Cap	2	14F-04	14F-04	11F-04
73	†DIFFERENTIAL&CARRIERASSY—See Index—				

*Items 11, 12, 15 and 62 used in all 130174 and 130175 Axle Assemblies, and used in 130063 Axle Assembly per the following Serial numbers:

WAUKESHA Powered — 12130 thru 13411, except 13402 thru 13405.

G.M. Powered — 13337 thru 13381.

**Items 11A, 12A, 15A and 62A used in 130063 Axle Assemblies, per the following Serial numbers:

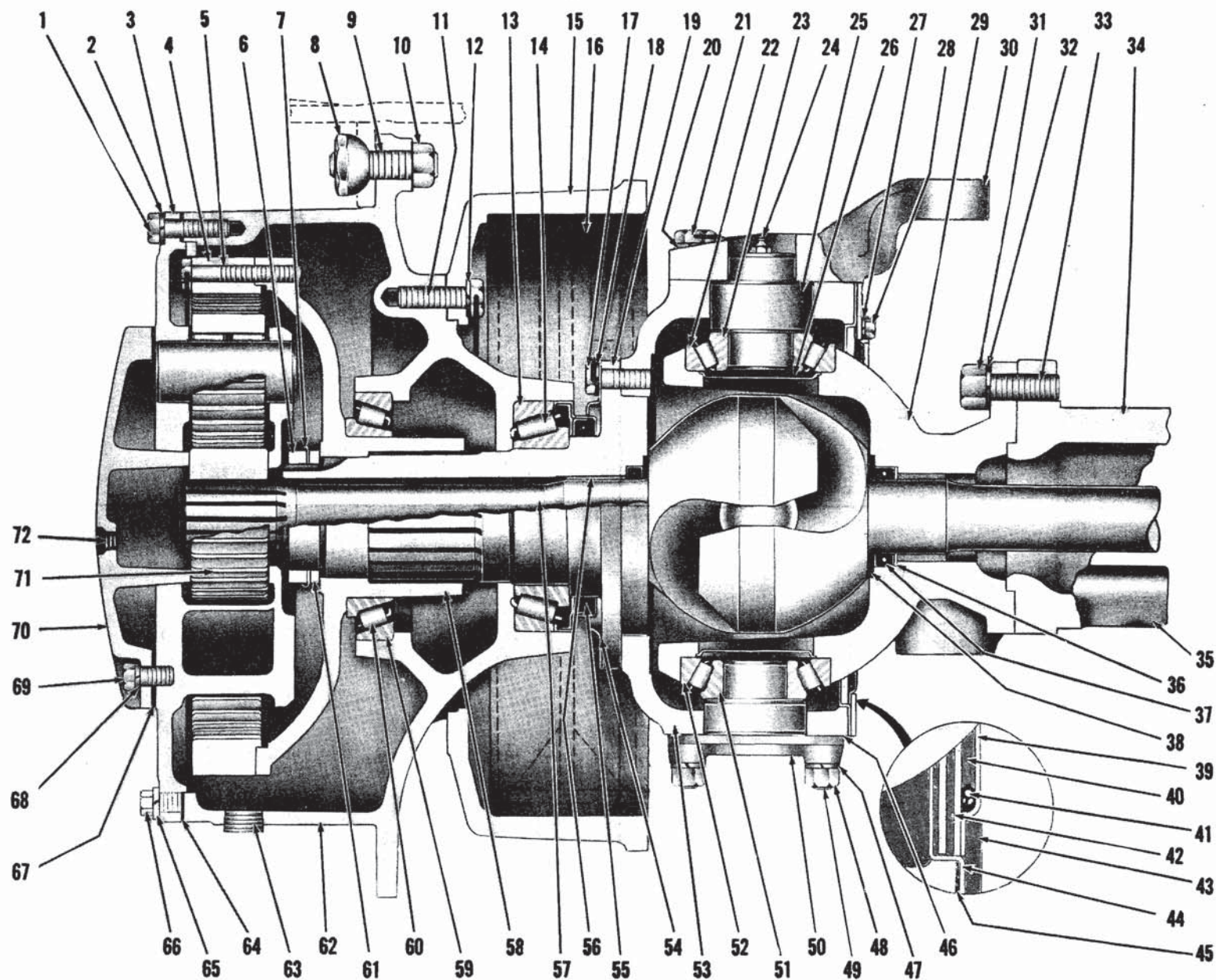
WAUKESHA Powered — 13402 thru 14130, except 13406 thru 13411.

G.M. Powered — 13461 thru 13556, 16123 thru 16417.

†Not Illustrated

‡As Required

***NOTE: For replacement use 815955 Kit, which consists of 1—121010 Oil Seal, 4—656672 Washer, 4—858110 Spacer, & 1—122550 Spindle Support



AXLE ASSEMBLY — REAR DRIVE STEER

TS-1713

AXLE ASSEMBLY — REAR DRIVE STEER

Service Replacement Axle Assembly for Assemblies 130174, 130175 and 130063

Item No.	Part No.	Description	No. Req'd.	Item No.	Part No.	Description	No. Req'd.
A	131203	AXLE ASSY (Inc. 1 thru 73)	1	36	106297	WASHER, Oil Seal	2
1	100970	BOLT, Planet Spider to Hub	20	37	106296	SEAL, Universal Joint Oil	4
2	106762	WASHER, Planet Spider to Hub	20	38	106298	WASHER, Universal Joint Thrust	4
3	—	PLANET SPIDER — See Parts Manual	—	39	106286	RETAINER, Outer End Dust Seal	2
4	110622	GEAR, Internal	2	40	106284	DUST SEAL, Outer End	2
5	110624	BOLT, Internal Gear to Hub	16	41	106285	SPRING, Outer End Dust Seal	2
6	114433	NUT, Outer Spindle	2	42	106283	SEAL, Outer End Oil	2
7	101274	LOCK, Spindle Nut	2	43	106287	RING, Outer End Seal Retaining	4
8	103522	NUT, Wheel	20	44	106281	RETAINER, Outer End Oil Seal	2
9	103445	STUD, Wheel	20	45	106282	GASKET, Oil Seal Retainer	2
10	121062	NUT, Wheel Stud	20	46	127636	†‡SHIM, Flanged Trunnion—.010"	—
11	107256	BOLT, Drum to Hub	24	46A	106317	†‡SHIM, Flanged Trunnion—.007"	—
12	104412	WASHER, Drum to Hub	24	46B	127638	†‡SHIM, Flanged Trunnion—.004"	—
13	672004	CUP, Inner Hub Bearing	2	47	4E-12	LKWSHR, Flanged Trunnion	12
14	672005	CONE, Inner Hub Bearing	2	48	17C-1228	BOLT, Flanged Trunnion	12
15	107646	DRUM, Brake	2	49	—	NOT USED	—
15A	107608	†CLIP, Brake Drum Inspection Hole	2	50	109886	TRUNNION, Steering—Lower	2
16	—	BRAKE ASSY — See Parts Manual	—	51	667277	CONE, Lower Trunnion Bearing	2
17	106546	BOLT, Spindle & Brake Attaching	16	52	675258	CUP, Lower Trunnion Bearing	2
17A	111127	BOLT, Spindle & Brake Attaching — Body Fit	16	53	111126	**SUPPORT, Spindle—L.H.	1
18	109076	LOCK CLIP, Spindle Bolt	16	53A	111125	*SUPPORT, Spindle—R.H.	1
19	106744	SPINDLE ASSY (Inc. 57)	2	53B	11F-12	PLUG, Spindle Support	2
20	111656	WASHER, Steering Arm	4	54	106545	CATCHER, Oil	2
21	106313	BOLT, Steering Arm	4	55	121012	SEAL, Hub Oil	2
22	675258	CUP, Upper Trunnion Bearing	2	56	106276	BUSHING, Spindle	2
23	667277	CONE, Upper Trunnion Bearing	2	57	106306	SHAFT ASSY, Axle (Inc. 57A, 57B)	2
24	10H-25	FITTING, Trunnion Grease	2	57A	874146	†PIN, Center Ball	2
25	106290	TRUNNION, Steering — Plain — L.H.	1	57B	675436	†PIN, Spiral Roll	2
25A	109887	TRUNNION, Steering — Flanged — R.H.	1	58	110623	HUB, Internal Gear	2
26	106291	RETAINER, Trunnion Oil	2	59	668553	CUP, Outer Hub Bearing	2
27	4E-06	LKWSHR, Seal Retaining Ring	24	60	675261	CONE, Outer Hub Bearing	2
28	1C-612	BOLT, Seal Retaining Ring	24	61	114433	NUT, Inner Spindle	2
29	108877	OUTER END, Housing	2	62	107252	HUB ASSY (Inc. 13 & 59)	2
30	106308	ARM, Steering	1	63	11F-12	PLUG, Hub Filler	2
30A	127636	†‡SHIM, Steering Arm—.004"	—	64	—	OMIT GASKET—Use Permatex No. 2	—
30B	106317	†‡SHIM, Steering Arm—.007"	—	65	3E-08	LKWSHR, Planet Puller Hole Bolt	4
30C	127638	†‡SHIM, Steering Arm—.010"	—	66	1C-808	BOLT, Planet Puller Hole	4
31	107089	NUT, Outer End to Housing	16	67	—	OMIT GASKET — Use Permatex No. 2	—
32	111656	WASHER, Outer End to Housing	16	68	4E-07	LKWSHR, Thrust Cap	12
33	112158	STUD, Outer End to Housing	16	69	1C-720	BOLT, Thrust Cap	12
34	109624	HOUSING, Axle	1	70	944277	CAP, Sun Gear Thrust (Inc. 70A)	2
34A	11F-12	PLUG, Housing Filler & Drain	2	70A	111805	†VALVE, Thrust Cap Relief	2
34B	12F-204	PLUG, Housing Expansion	1	71	106246	GEAR, Sun	2
34C	106656	BREATHER, Axle Housing	1	72	11F-04	PLUG, Thrust Cap Level	2
35	—	TIE ROD ASSY — See Parts Manual	—	73	—	†DIFF. & CARRIER ASSY — See Parts Manual	—

†Not Illustrated

‡As Required

NOTE: For replacement use 816016 Kit, which consists of 1—121010 Oil Seal, 4—656672 Washer, 4—858110 Spacer, & 1—122551 Spindle Support.

**NOTE: For replacement use 815956 Kit, which consists of 1—121010 Oil Seal, 4—656672 Washer, 4—858110 Spacer, & 1—122552 Spindle Support.