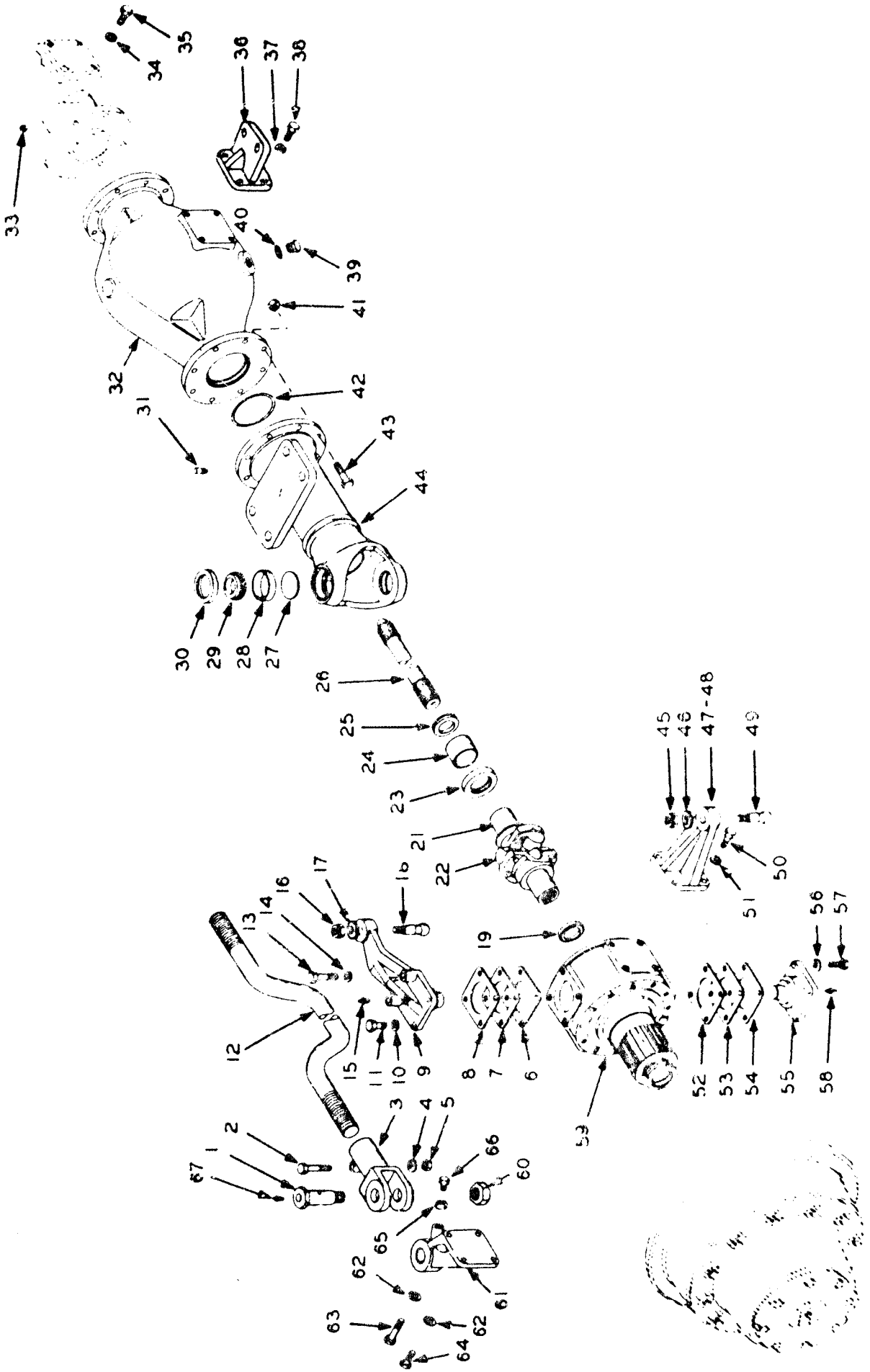


STEERING AXLE - HOUSING

STEERING AXLE-HOUSING
S/N 28AH-1001 thru 1785

ITEM NO.	PART NO.	PART NAME	Qty.	First Used On Serial Numbers FROM	THRU
	173408H1	AXLE, Steering	1	28AH-1001	1150
				29AC-1003	1174
	173408H2	AXLE, Steering	1	28AH-1151	1232
				29AC-1175	1271
	188812H1	AXLE, Steering	1	28AH-1213	01785
				29AC-1272	
	188812H2	AXLE, Steering	1	28AH-1391	
				29AC-1651	
1	157093H1	PIN, Pivot	2		
2	S-1820	SCREW, Cap	2		
3	157092H1	CLEVIS, Tie Rod	2		
4	WL-18	WASHER, Lock	2		
5	H - 18	NUT	2		
6	157090H1	SHIM .005	5		
7	157089H1	SHIM .007	3		
8	157088H1	SHIM .020	1		
9	157084H1	ARM, Steering	1		
10	WL-18	WASHER, Lock	2		
11	S-2811	SCREW, Cap	2		
12	173410H1	ROD, Tie	1		
13	S-2820	SCREW, Cap	2		
14	WL-18	WASHER, Lock	2		
15	119693H1	FITTING, Grease	4		
16	178200H1	NUT	1		
17	178199H1	WASHER	1		
18	157085H1	STUD, Ball	1		
19	157108H2	WASHER	2		
21	179868H1	YOKE	4		
22	179867H1	KIT, Joint, Center Service	2		
	178317H1	JOINT, Universal (Includes Items 21 & 22)	2	28AH-1001	1115
				29AC-1003	1125
	178317H2	JOINT, Universal (Includes Items 21 & 22)	2	28AH-1116	1150
				29AC-1126	1174 & 76
	187921H1	JOINT, Universal	2	28AH-1151	01785
				29AC-1175,	
23	157106H1	SEAL, Used with Joint Assemblies 178317H1 and 178317H2	2		
24	187984H1	SEAL, Used with #187921H1 Joint Assembly	2		
24	157107H1	BUSHING	4		
25	157108H2	WASHER	2		
26	173416H1	SHAFT, Axle	2		
27	157102H1	RETAINER, Grease	4		
28	215209H1	CUP, Bearing (replaces 157101H1)	4		
29	215208H1	BEARING, Roller (replaces 157100H1)	4		
30	157103H1	SEAL, Oil	4		
31	152127H1	BREATHER	1		
32	173413H2	BOWL, Axle replaces 173418H1	1		
33	P - 42	PLUG, Pipe	1		
34	WL-18	WASHER, Lock	4		
35	S-2811	SCREW, Cap	4		
36	173415H1	ANCHOR, Steering Cylinder	1		
37	WL-19	WASHER, Lock	4		
38	S-2912	SCREW, Cap	4		
39	190302H1	PLUG	1		
40	OR2-8	"O" RING	1		
41	E - 18	NUT	32		
42	OR3-18	"O" RING	2		
43	S-1818	SCREW, Cap	32		
44	178540H1	HOUSING, Axle	2	28AH-1001	1150
				29AC-1003	1174
44	187940H1	HOUSING, Axle	2	28AH-1151	01785
				29AC-1175	

(Continued on following page)

STEERING AXLE-HOUSING (Continued)

ITEM NO.	PART NO.	PART NAME	Qty.	First Used Or. Serial Numbers FROM	THRU
45	178200H1	NUT	2		
46	178199H1	WASHER	2		
47	173412H1	ARM, Steering Cylinder (L. H.)	1		
48	173413H1	ARM, Steering Cylinder (R. H.)	1		
49	157085H1	STUD, Ball	2		
50	S-2811	SCREW, Cap	8		
51	WL-18	WASHER, Lock	8		
	116641H1	PIN, Dowel	1		
52	157088H1	SHIM .020	1		
53	157089H1	SHIM .007	3		
54	157090H1	SHIM .005	5		
55	157082H1	CAP (Prior to Axle S/N rS-60-2-874)	3		
55	186097H1	CAP } On Axles of S/N rS-60-2-874	1		
55	188781H1	CAP } On Axles of S/N rS-60-2-874	2		
56	S-21011	SCREW, Cap	5		
57	WL-110	WASHER, Lock	5		
58	LW-1211	WIRE, Lock	4		
59	178541H1	KNUCKLE, Steering	2	28AH-1001	1182
				29AC-1003	1174
59	178541H2	KNUCKLE, Steering	2	28AH-1151	1212
				29AC-1175	1271
59	188786H1	KNUCKLE, Steering	2	28AH-1213	01285
				29AC-1272	
60	123298H1	NUT	2		
61	157087H2	ARM, Tie Rod, Assembly Includes 190838H1 Bushing	2		
62	WL-18	WASHER, Lock	3		
63	S-2820	SCREW, Cap	4		
64	S-2811	SCREW, Cap	4		
65	H-48	NUT	2		
66	S-2812	SCREW, Cap	2		
67	118491H1	FITTING, Grease	2		
	S-11222-8	BOLT } Axle Attaching	8		
	209135H1	NUT } Axle Attaching	8		
		For service on orders for 178541H2 Steering Knuckle, Item 59, #188786H1 Steering Knuckle will be supplied with 2 caps #188781H1, Item 55 and Shims #188783H1 and 188784H1 as required, also 4 S-2101D Capscrews and 4 LW-1211 Lockwire.			

STEERING AXLE - HOUSING

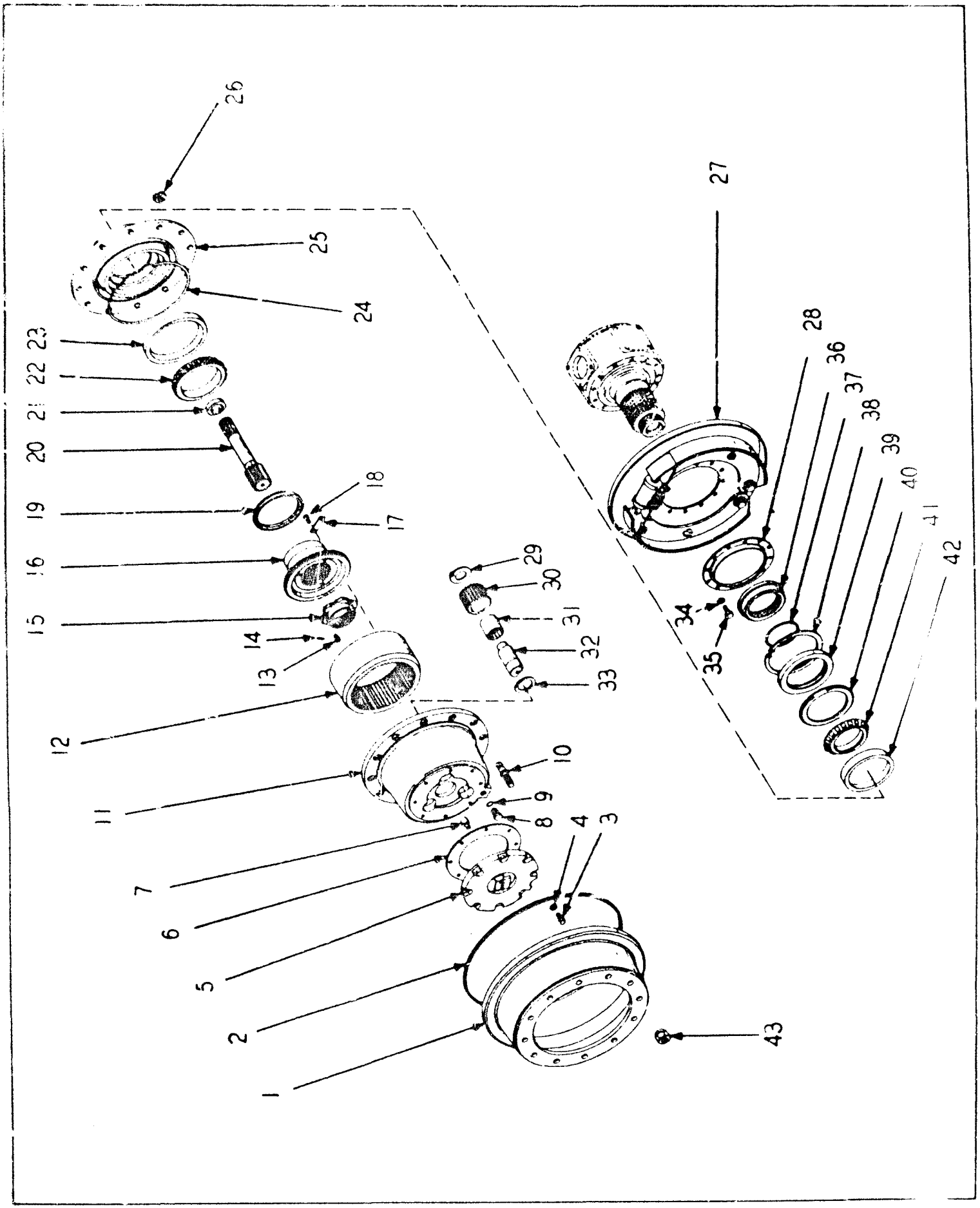
S/N-28AH-1786 & UP

	212969H2	AXLE, Steering	1		
1	157093H1	PIN, Pivot	2		
2	S-1820	SCREW, Cap	2		
3	157092H1	CLEVIS, Tie rod	2		
4	WL-18	WASHER, Lock	2		
5	H-18	NUT	2		
6	157090H1	SHIM - .005	5		
7	157089H1	SHIM - .007	3		
8	157088H1	SHIM - .020	1		
9	215506H1	ARM ASSY. (Incl. Item 29)	1		
10	WL-18	WASHER, Lock	2		
11	S-2811	SCREW, Cap	2		
12	173410H1	ROD, Tie	1		
13	S-2820	SCREW, Cap	2		
14	WL-18	WASHER, Lock	2		
15	119693H1	FITTING, Grease	1		
16	178200H1	NUT	1		
17	178199H1	WASHER	1		
18	157085H1	STUD, Ball	1		
19	157108H2	WASHER	2		

(Continued on following page)

STEERING AXLE - HOUSING
(Continued)

ITEM NO.	PART NO.	PART NAME	Qty.	First Used On Serial Numbers FROM	THRU
	118492H1	FITTING, Grease (Not Illustrated)	4		
21	179868H1	YOKE	4		
22	187921H1	JOINT, Universal	2		
23	187984H1	SEAL	2		
24	157107H1	BUSHING	2		
25	157108H2	WASHER	2		
26	173416H2	SHAFT, Axle	2		
27	157102H1	RETAINER, Grease	4		
28	215209H1	RACE, Outer	4		
29	215208H1	RACE, Inner	4		
30	157103H1	SEAL, Oil	4		
	189073H1	SEAL, Grease (Strg. Cyl. Ball Sockets)	4		
32	212972H1	DOWL, Axle	1		
33	P-42	PLUG, Pipe (Strg. Cylinder Ball Sockets)	4		
34	WL-18	WASHER, Lock	4		
35	S-2811	SCREW, Cap	4		
36	173415H1	ANCHOR, Steering Cylinder	1		
37	WL-19	WASHER, Lock	4		
38	S-2912	SCREW, Cap	4		
39	190302H1	PLUG	1		
40	OR2-8	"O" RING	1		
41	E-18	NUT	26		
42	OR3-18	"O" RING	2		
43	S-1820	SCREW, Cap	26		
44	212973H1	HOUSING, Axle	2		
	S-11020	SCREW, Cap } Bowl to Housing	4		
	E-110	NUT, Esna } Bowl to Housing	4		
45	E-110	NUT, Esna	4		
46	189074H1	WASHER	4		
47	173412H1	ARM, Steering Cylinder (L. H.)	1		
48	173413H1	ARM, Steering Cylinder (R. H.)	1		
49	188951H1	SOCKET, Ball - Both ends of cylinders	4		
50	S-2411	SCREW, Cap	8		
51	WL-18	WASHER, Lock	8		
	116641H1	PIN, Dowel	1		
52	157088H1	SHIM - .020	1		
53	157089H1	SHIM - .007	3		
54	157088H1	SHIM - .005	2		
55	215507H1	CAP } Includes Item 29	2		
55	215508H1	CAP } Includes Item 29	2		
56	S-21011-D	SCREW, Cap	8		
57	WL-110	WASHER, Lock	8		
58	LW-1211	WIRE, Lock	4		
59	188786H1	KNUCKLE, Steering	2		
60	123298H1	NUT	2		
61	157087H2	ARM, Tie Rod - Includes 191083H1 bushing	2		
62	WL-18	WASHER, Lock	8		
63	S-2820	SCREW, Cap	4		
64	S-2811	SCREW, Cap	4		
65	H-48	NUT	2		
66	S-2812	SCREW, Cap	2		
67	118491H1	FITTING, Grease	2		
	114969H1	WASHER	2		
	S-11222-8	BOLT } Axle Mounting	8		
	209135H1	NUT } Axle Mounting	8		



STEERING AXLE-SHAFT AND HUB

ITEM NO.	PART NO.	PART NAME	Qty.	First Used On Serial Numbers FROM	THRU
1	157070H1	DRUM, Brake	2		
2	157072H1	SEAL, Brake	2		
3	S-268	SCREW, Cap	16		
4	125003H1	WASHER, Sealing	16		
5	157043H1	COVER, Planet Carrier	2		
6	157044H1	GASKET	2		
7	157045H1	BUTTON, Thrust	2		
8	190302H1	PLUG	2		
9	OR2-8	"O" RING	2		
10	157071H1	STUD	24		
11	157041H1	CARRIER, Planet	2		
12	157051H1	GEAR, Ring	2		
13	157061H1	SCREW, Cap (socket head)	2		
14	CP-25	PIN, Cotter	2		
15	157060H1	NUT	2		
16	157053H1	HUB, Planet Ring Gear	2		
17	157054H1	PLATE, Lock	8		
18	157055H1	SCREW, Cap	16		
19	157058H1	SPACER	2		
20	178268H1	SHAFT, Sun Gear	2		
21	157120H1	SEAL, Oil	2		
22	157056H1	BEARING, Roller	2		
23	157057H1	CUP	2		
24	OR3-52	"O" RING	2		
25	163019H1	HUB ASSEMBLY (Includes Item 23 & 42)	2		
	157068H1	HUB	2		
26	101735H1	NUT	24		
27	173409H1	BRAKE ASSEMBLY (Page 7-11)	2		
28	157075H1	SCAVENGER, Oil	2		
29	157421H1	WASHER, Thrust	6		
*	209689H1	PLANET CARRIER & GEAR (Includes Items 30 & 31)	2		
30 *	209690H1	PINION, Planet	6		
31 *	209691H1	BEARING ASSEMBLY	12		
*	209692H1	SPACER	6		
32 *	209693H1	SHAFT, Planet Pinion	6		
33 *	209694H1	WASHER, Thrust	6		
34	WL-16	WASHER, Lock	24		
35	S-267	SCREW, Cap	24		
36	157077H1	RETAINER, Seal — Used on 173408 Series Axles Only	2		
37	OR3-19	"O" RING — Used on 173408 Series Axles Only	2		
38	157080H1	RING, Retaining	2		
39	157078H1	SEAL, Ring	2		
40	157079H1	SPACER	2		
41	157065H1	BEARING, Roller	2		
42	157066H1	CUP	2		
43	209564H1	NUT	24		
	188782H1	SHIM, .005 — Use as required for proper fit of roller bearings	10		
	188783H1	SHIM, .007 — Use as required for proper fit of roller bearings	6		
	188784H1	SHIM, .020 — Use as required for proper fit of roller bearings	2		
	173951H1	WHEEL	2		
	138546H1	FLANGE	2		
	138547H1	RING, Lock	2		
	138548H1	"O" RING	2		
		TIRE - Tubeless, 14:00 x 24T - 12 Ply — Buy From Local Dealer	2		
		VALVE - TR-623 — Buy From Local Dealer	2		
		*Items marked with an asterisk replaced the following:			
	157046H2	PINION ASSEMBLY (Includes next 2 items)	6	28AH-1001	1 [illegible]
		PINION, Planet — Order 157046H2	6	29AC-1003	1 [illegible]
		BUSHING — Order 157046H2	6		
	157050H1	SHAFT, Planet Pinion	6		
	157049H1	WASHER, Thrust	6		