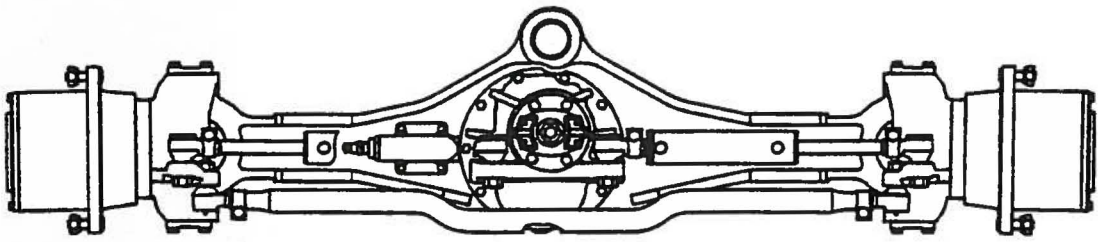
235452

T3

FRONT AXLE
PARTS BOOK
SS-1048
SS-842



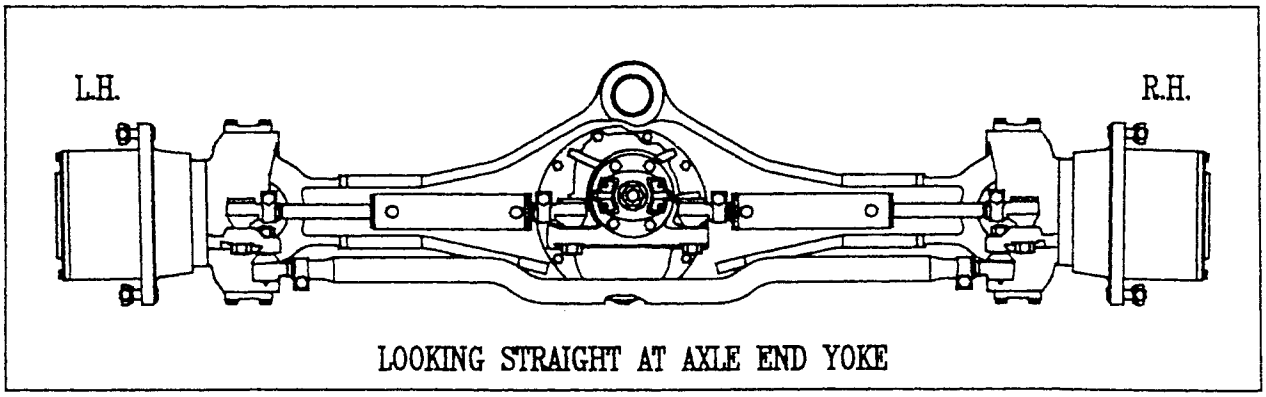
DATE: 10-16-96

SPICER PS-1350 AXLE
WITH DIFFERENTIAL LOCK
7-229-337 STEERING CYLINDERS

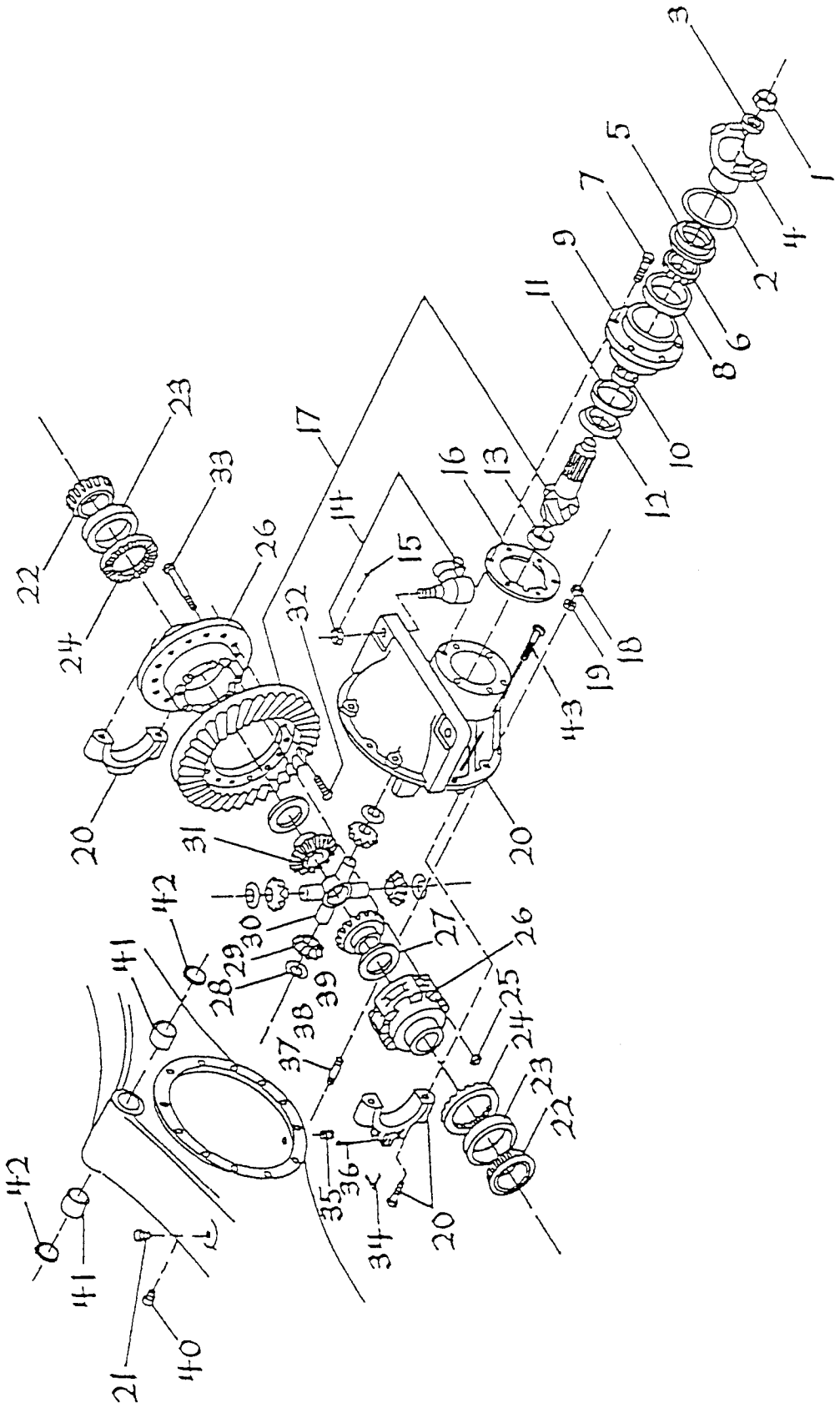
BARAGA PRODUCTS, INC.
455 N. Superior Ave.
Baraga, MI 49908-0248
Ph. (906) 353-6675 Fax (906) 353-7543

AXLE PARTS ORDERING GUIDE

WHEN ORDERING FROM THIS BOOK USE THE FIGURE BELOW AS A REFERENCE IN DETERMINING LEFT OR RIGHT HAND SIDE. WHEN ORDERING PARTS FOR STEERING CYLINDERS THE OPERATOR'S COMPARTMENT MUST BE USED AS THE REFERENCE IN DETERMINING FRONT OR REAR AND LEFT OR RIGHT HAND SIDE.



LOOKING STRAIGHT AT AXLE END YOKE

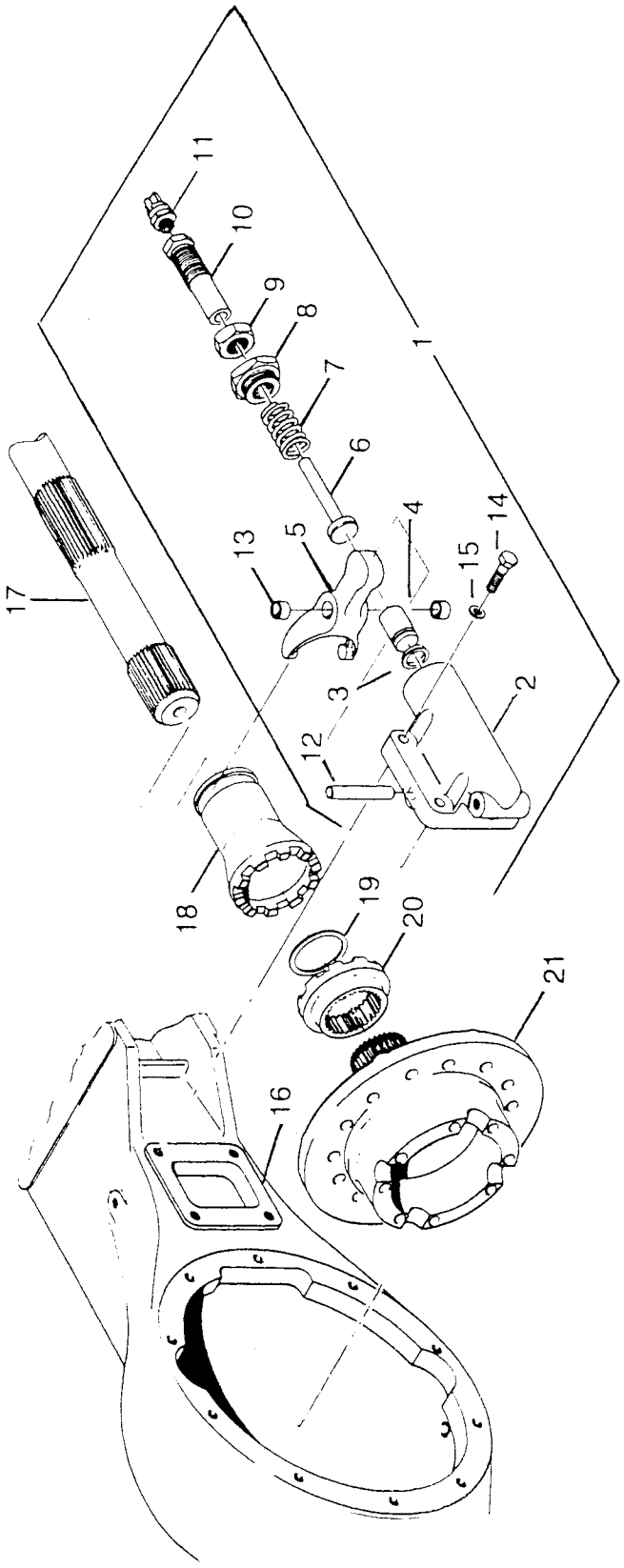


1	PAGE NUMBER	CARRIER HOUSING / PS-1350 FRONT AXLE SS-842 / SS-1048 SQUARE SHOOTER	DRAWING NUMBER	P3-1294

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-238	NUT / PINION	1
2	7-229-239	DUST SLINGER	1
3	7-229-28	WASHER / FLAT	1
4	7-229-248	END YOKE	1
5	7-229-30	SEAL	1
6	7-229-31	BEARING / CONE	1
7	7-229-33	BOLT	6
8	7-229-34	BEARING / CUP	1
9	7-229-232	CAP / BEARING RETAINER	1
10	SEE TABLE	SPACER	1
11	7-229-34	BEARING / CUP	1
12	7-229-31	BEARING / CONE	1
13	7-229-37	BEARING ASSEMBLY	1
14	7-229-10	END / STEERING CYLINDER	2
15	7-229-38	COTTER PIN	2
16	SEE TABLE	SHIM	
17	7-229-40	RING GEAR & PINION ASSEMBLY	1
18	7-229-41	NUT / LOCK	9
19	7-229-42	WASHER / FLAT	10
20	7-229-233	CARRIER SUB-ASSEMBLY	1
21	7-229-61	VENT	1
22	7-229-44	BEARING / CONE	2
23	7-229-43	BEARING / CUP	2
24	7-229-129	ADJUSTING RING / DIFFERENTIAL	2
25	7-229-45	NUT / LOCK	8
26	7-229-310	KIT / DIFFERENTIAL CASE ASSEMBLY	1
27	7-229-47	THRUST WASHER	2
28	7-229-48	THRUST WASHER	4
29	7-229-49	PINION / DIFFERENTIAL	4
30	7-229-50	SHAFT / DIFFERENTIAL CROSS	1
31	7-229-51	GEAR / DIFFERENTIAL	2
32	7-229-52	RIVET / SOLID	14
33	7-229-53	BOLT	8
34	7-229-240	LOCK / BEARING ADJUSTING RING	2
35	7-229-55	PLUG / MAGNETIC DRAIN	1
36	7-229-56	COTTER PIN	2
37	7-229-57	STUD / 2.00 LG.	6
38	7-229-58	STUD / 2.38 LG.	2
39	7-229-59	STUD / 2.81 LG.	2
40	7-229-60	PLUG	1
41	7-229-227	BUSHING	2
42	7-229-252	OIL SEAL / AXLE PIN	2
43	7-229-332	BOLT	1
44			
45			
46			
47		SEE SPACER AND SHIM	
48		TABLE ON NEXT PAGE	
49			
50			
51			
52			
53			
54			

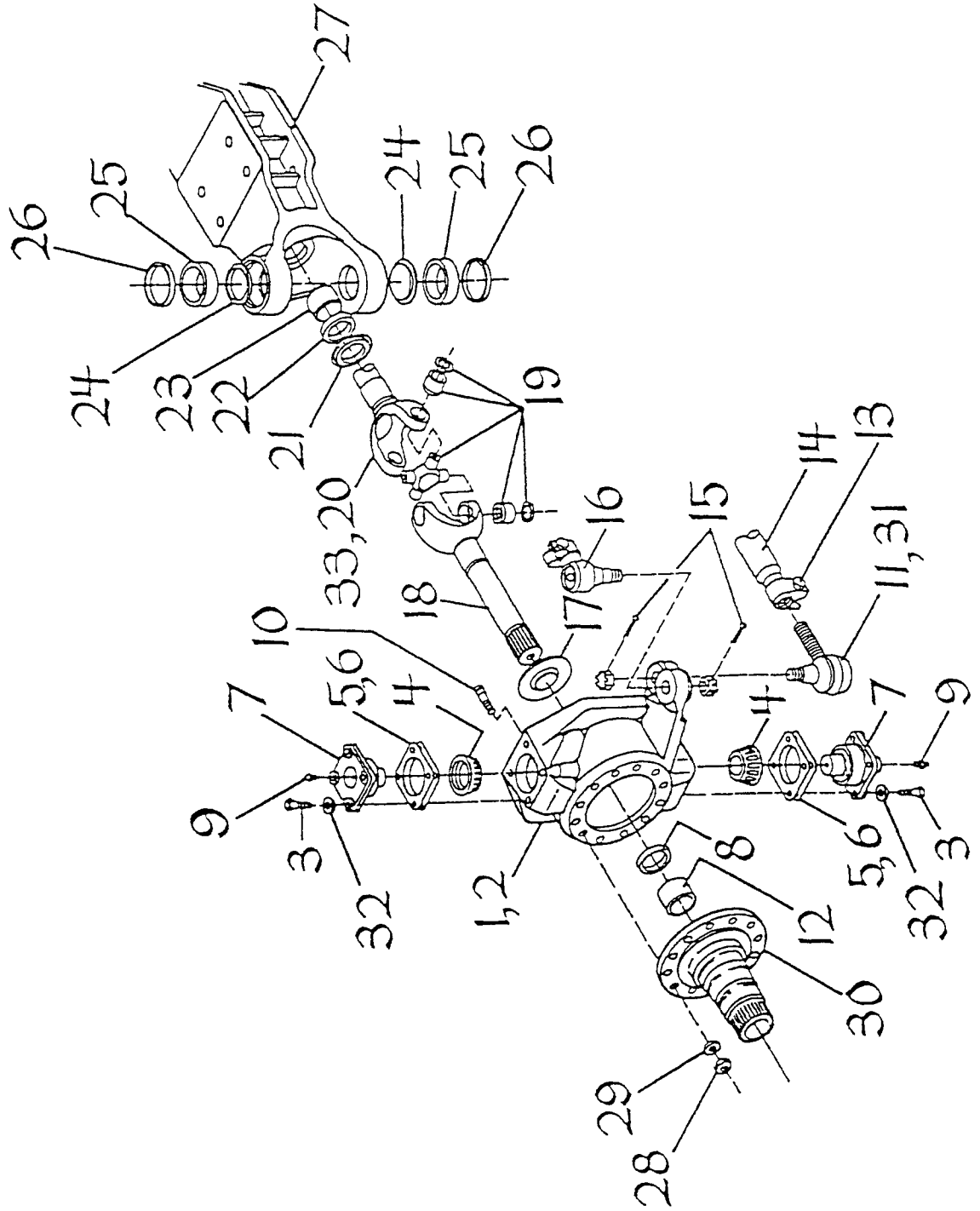
ITEM	NUMBER	DESCRIPTION	REQD
55		SPACER TABLE (ITEM 10)	
56		---	
57	7-229-246	SPACER / PINION BEARING .528/.527	
58	7-229-247	SPACER / PINION BEARING .529/.528	
59	7-229-241	SPACER / PINION BEARING .530/.529	
60	7-229-120	SPACER / PINION BEARING .531/.530	
61	7-229-242	SPACER / PINION BEARING .532/.531	
62	7-229-243	SPACER / PINION BEARING .533/.532	
63	7-229-244	SPACER / PINION BEARING .534/.533	
64	7-229-245	SPACER / PINION BEARING .535/.534	
65			
66		SHIM TABLE (ITEM 16)	
67		---	
68	7-229-124	SHIM / PINION BEARING .005	
69	7-229-39	SHIM / PINION BEARING .010	
70	7-229-123	SHIM / PINION BEARING .030	

NOTES



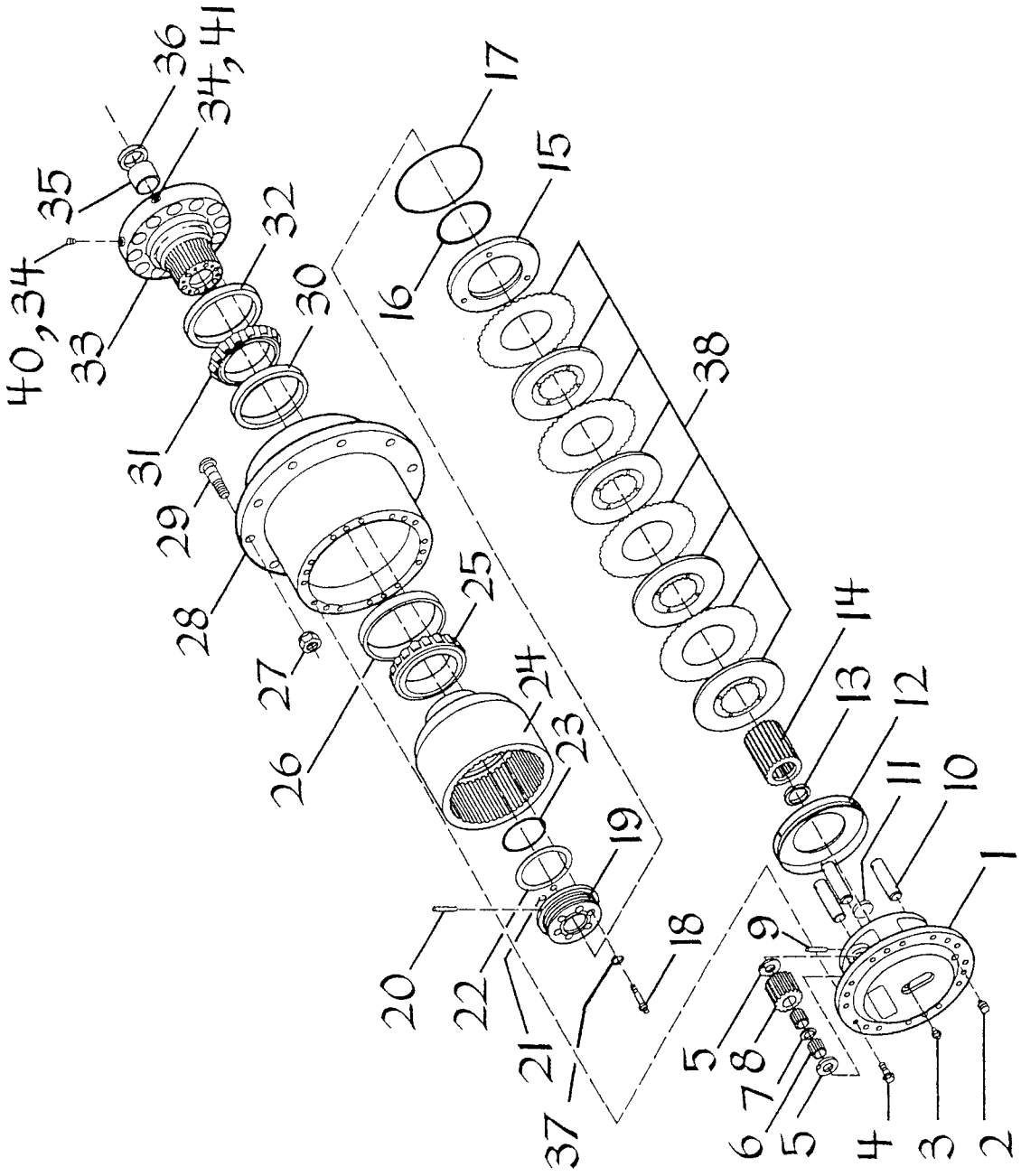
2	PAGE NUMBER	DIFFERENTIAL LOCK ASSEMBLY / PS-1350 SS-842 and SS-1048 FRONT AXLE	DRAWING NUMBER	P3-1296

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-312	SHIFTER ASSEMBLY (ITEMS WITH *)	REF
2	7-229-313	SHIFTER HOUSING *	1
3	7-229-314	SEAL *	1
4	7-229-315	PISTON *	1
5	7-229-316	SHIFT FORK *	1
6	7-229-317	ROD *	1
7	7-229-318	SPRING *	1
8	7-229-319	RETAINER *	1
9	7-229-320	NUT *	1
10	7-229-321	SCREW *	1
11	7-229-322	INDICATOR SWITCH *	1
12	7-229-323	SHAFT *	1
13	7-229-324	BUSHING *	2
14	7-229-325	BOLT	4
15	7-229-326	WASHER	4
16	---------	GASKET SEALER	REF
17	7-229-328	LH SHAFT / INNER	REF
18	7-229-329	COLLAR	1
19	7-229-330	RING / RETAINING	1
20	7-229-331	COLLAR	1
21	7-229-310	DIFFERENTIAL CASE ASSEMBLY	REF



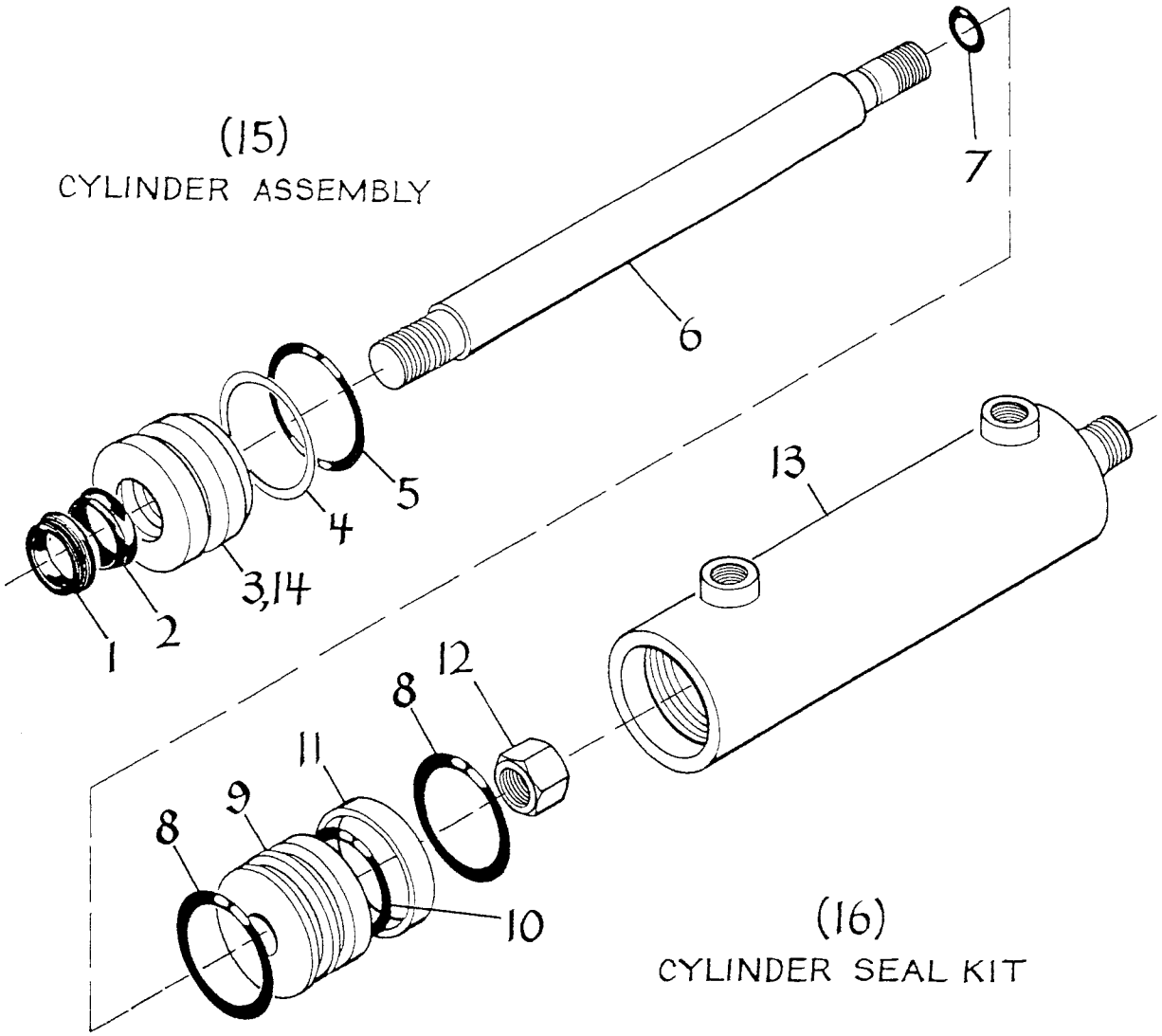
3	PAGE NUMBER	OUTER END / PS-1350 FRONT AXLE SS-842 / SS-1048 SQUARE SHOOTER		DRAWING NUMBER	P3-1295

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-260	KNUCKLE / STEERING / RH	1
2	7-229-259	KNUCKLE / STEERING / LH	1
3	7-229-228	CAPSCREW 1/2	16
4	7-229-19	BEARING CONE / TRUNION	4
5	7-229-65	SHIM / KING PIN /.005	
6	7-229-66	SHIM / KING PIN /.010	
7	7-229-67	CAP / KING PIN	4
8	7-229-25	SEAL / SPINDLE	2
9	7-229-69	FITTING / GREASE	4
10	7-229-258	STUD / SPINDLE MOUNTING	24
11	7-229-26	TIE ROD END / 1 1/8-16 THD.	1
12	7-229-24	SPINDLE BUSHING	2
13	7-229-71	CLAMP / TIE ROD	2
14	7-229-284	TIE ROD	1
15	7-229-38	COTTER PIN	4
16	7-229-10	END / STEERING CYLINDER	2
17	7-229-12	DUST SLINGER / AXLE SHAFT	2
18	7-229-73	SHAFT	2
19	7-229-333	CROSS ASSEMBLY / U-JOINT	2
20	7-229-78	RH SHAFT / INNER	1
21	7-229-13	DUST SLINGER / AXLE SHAFT	2
22	7-229-15	SEAL / AXLE SHAFT	2
23	7-229-14	SUPPORT BUSHING / AXLE SHAFT	2
24	7-229-16	GREASE RETAINER / TRUNION	4
25	7-229-17	BEARING CUP / TRUNION	4
26	7-229-18	SEAL / TRUNION	4
27	7-229-311	HOUSING ASSEMBLY / AXLE	1
28	7-229-75	NUT / LOCK	24
29	7-229-76	WASHER / FLAT	24
30	7-229-281	SPINDLE	2
31	7-229-304	TIE ROD END / 1 1/8-12 THD.	1
32	7-229-173	WASHER / FLAT	16
33	7-229-328	LH SHAFT / INNER	1



4	PAGE NUMBER	WET DISC BRAKE / PS-1350 FRONT AXLE SS-842 / SS-1048 SQUARE SHOOTER	DRAWING NUMBER	P3-1341

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-79	FLANGE / DRIVE PLANETARY	2
2	7-229-55	PLUG / MAGNETIC DRAIN	2
3	7-229-279	VENT	2
4	7-229-268	SCREW / HEX SELF-LOCKING	36
5	7-229-82	WASHER / KEYED	12
6	7-229-83	BEARING / NEEDLE ROLLER	300
7	7-229-84	WASHER / PLANET GEAR	6
8	7-229-85	GEAR / SPUR PLANET	6
9	7-229-86	ROLL PIN	6
10	7-229-87	SHAFT / PLANET GEAR	6
11	7-229-88	WASHER / DRIVE FLANGE	2
12	7-229-89	PLATE / LINING STOP	2
13	7-229-90	SNAP RING	2
14	7-229-91	GEAR / SPUR	2
15	7-229-92	PISTON	2
16	7-229-93	O-RING	2
17	7-229-94	O-RING	2
18	7-229-266	SCREW / 12 POINT CAP	12
19	7-229-271	RETAINER / BEARING ADJ.RING	2
20	7-229-97	BRAKE TUBING	2
21	7-229-98	O-RING	4
22	SEE TABLE	SHIM / ADJUSTING	
23	7-229-100	O-RING	2
24	7-229-101	GEAR / PLANETARY RING	2
25	7-229-102	BEARING / CONE	2
26	7-229-103	BEARING / CUP	2
27	7-229-104	NUT / 3/4-16 RH THD.	20
28	7-229-278	HUB / PLANETARY	2
29	7-229-106	BOLT / WHEEL MOUNTING	20
30	7-229-107	BEARING / CUP	2
31	7-229-108	BEARING / CONE	2
32	7-229-221	SEAL / OIL	2
33	7-229-281	SPINDLE (2)	REF
34	7-229-110	SEAT / INSERT	4
35	7-229-24	SPINDLE BUSHING (2)	REF
36	7-229-25	SEAL / SPINDLE (2)	REF
37	7-229-267	FLATWASHER / HARDENED / 1/2	12
38	7-229-350	BRAKE PLATE & DISC KIT	REF
39	7-229-23	O-RING KIT (ITEMS 16,17,21,23)	REF
40	7-229-111	BLEEDER	2
41	7-229-112	FITTING	2
42			
43		SHIM TABLE (ITEM 22)	
44		---	
45	7-229-126	SHIM / ADJUSTING / .010	
46	7-229-273	SHIM / ADJUSTING / .011	
47	7-229-274	SHIM / ADJUSTING / .012	
48	7-229-275	SHIM / ADJUSTING / .013	
49	7-229-276	SHIM / ADJUSTING / .014	
50	7-229-272	SHIM / ADJUSTING / .015	
51	7-229-127	SHIM / ADJUSTING / .020	
52	7-229-128	SHIM / ADJUSTING / .030	



ITEM	NUMBER	DESCRIPTION	REQD
1	---------	ROD WIPER	1
2	---------	ROD U-CUP	1
3	---------	HEAD	1
4	---------	BACK-UP RING	1
5	---------	O-RING	1
6	7-229-351	ROD	1
7	---------	O-RING	1
8	---------	WEAR RING	2
9	---------	PISTON	1
10	---------	EXPANDER	1
11	---------	PISTON SEAL	1
12	---------	LOCKNUT	1
13	---------	BARREL ASSEMBLY	1
14	---------	RETAINING WIRE	1
15	7-229-337	CYLINDER ASSY (ITEMS 1 THRU 14)	REF
16	7-229-349	SEAL KIT (1,2,4,5,7,8,10,11,14)	REF

NOTES