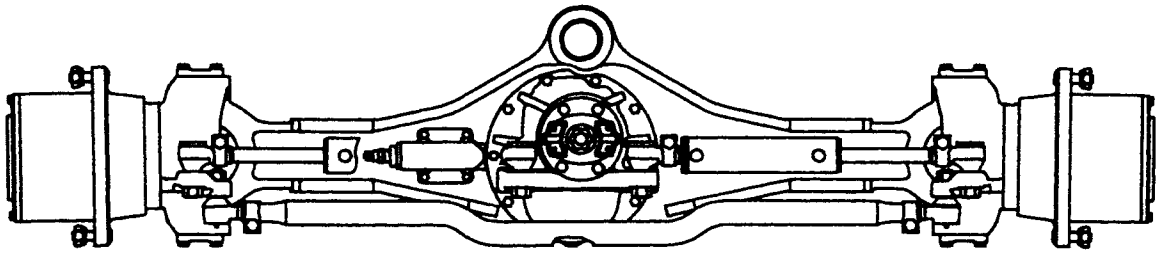
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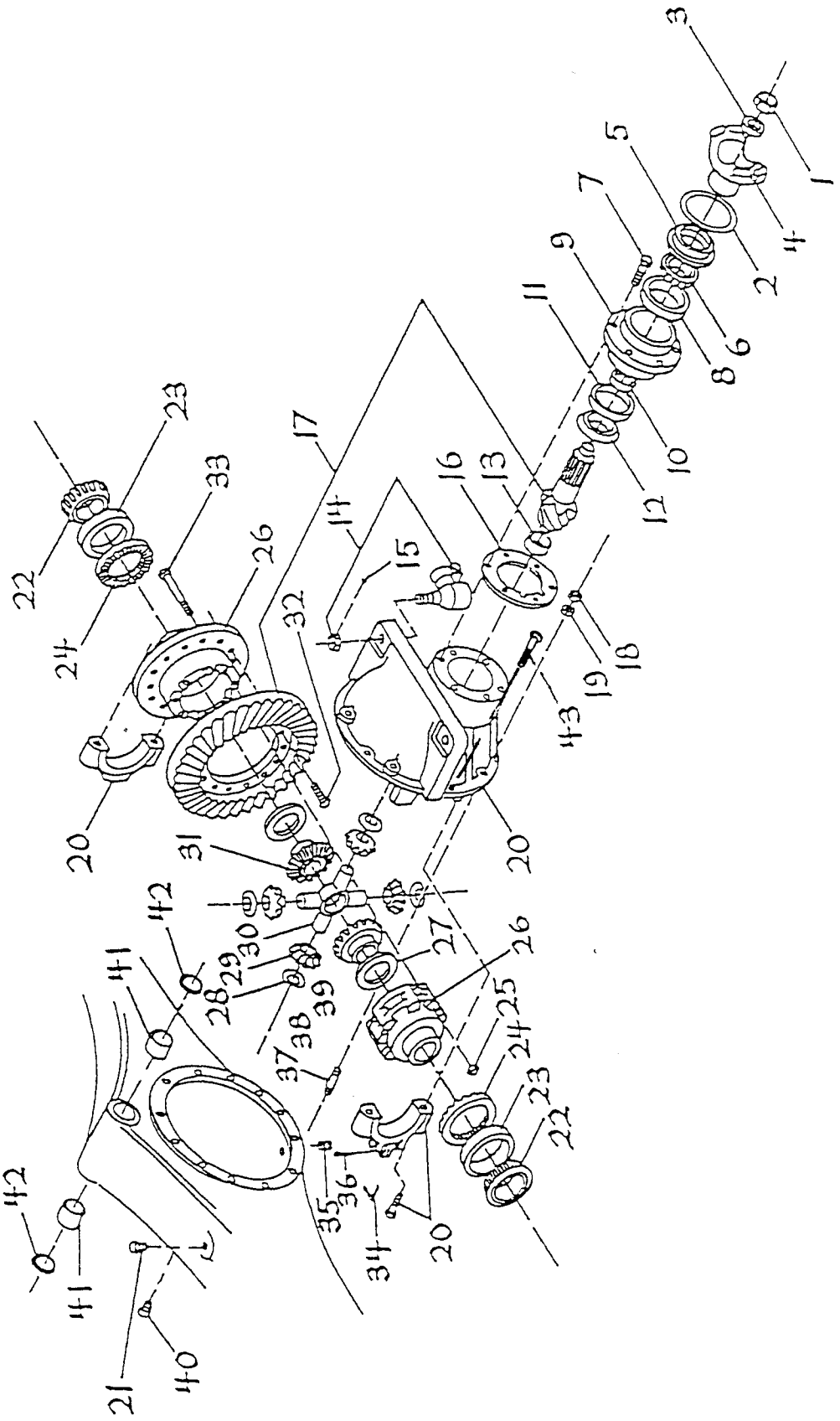
FRONT AXLE
PARTS BOOK
SS-1048
SS-842



DATE: 1-18-96

SPICER PS-1350 AXLE
WITH DIFFERENTIAL LOCK
7-229-262 STEERING CYLINDERS

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

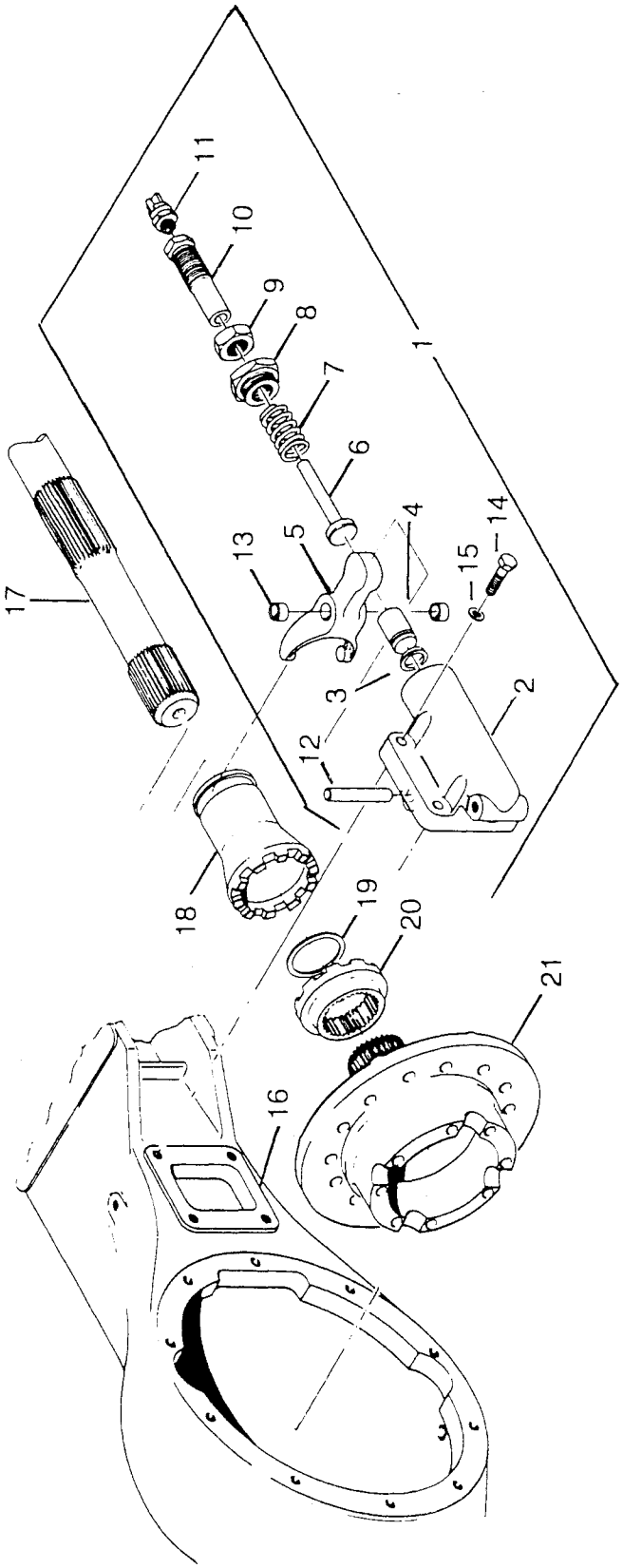


1	PAGE NUMBER	CARRIER HOUSING / PS-1350 FRONT AXLE SS-842 / SS-1048 SQUARE SHOOTER	DRAWING NUMBER	P3-1294

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			
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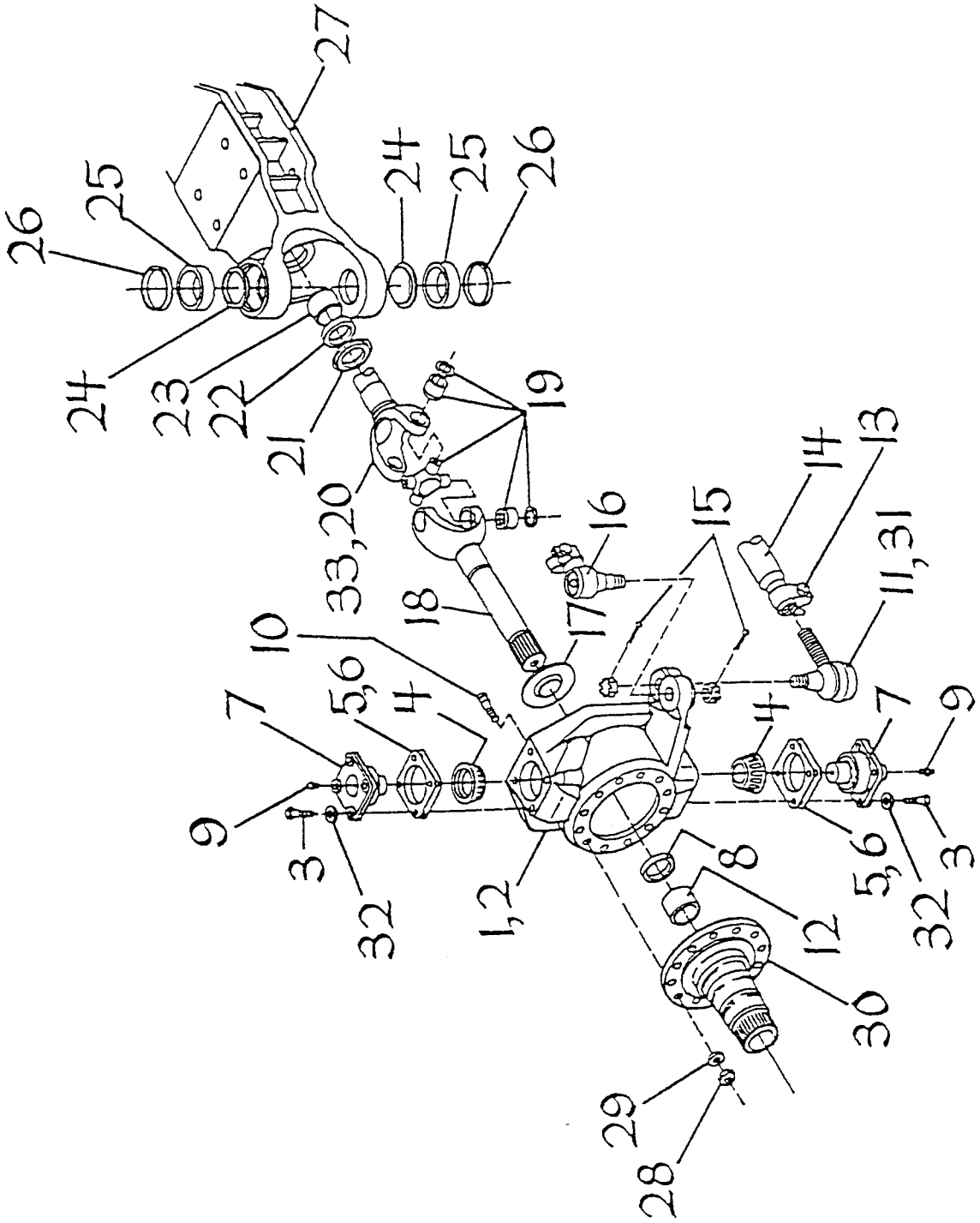
ITEM	NUMBER	DESCRIPTION	REQD
55		SPACER TABLE (ITEM 10)	
56		----------	
57	7-229-246	SPACER / PINION BEARING .528/.527	
58	7-229-247	SPACER / PINION BEARING .529/.528	
59	7-229-241	SPACER / PINION BEARING .530/.529	
60	7-229-120	SPACER / PINION BEARING .531/.530	
61	7-229-242	SPACER / PINION BEARING .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



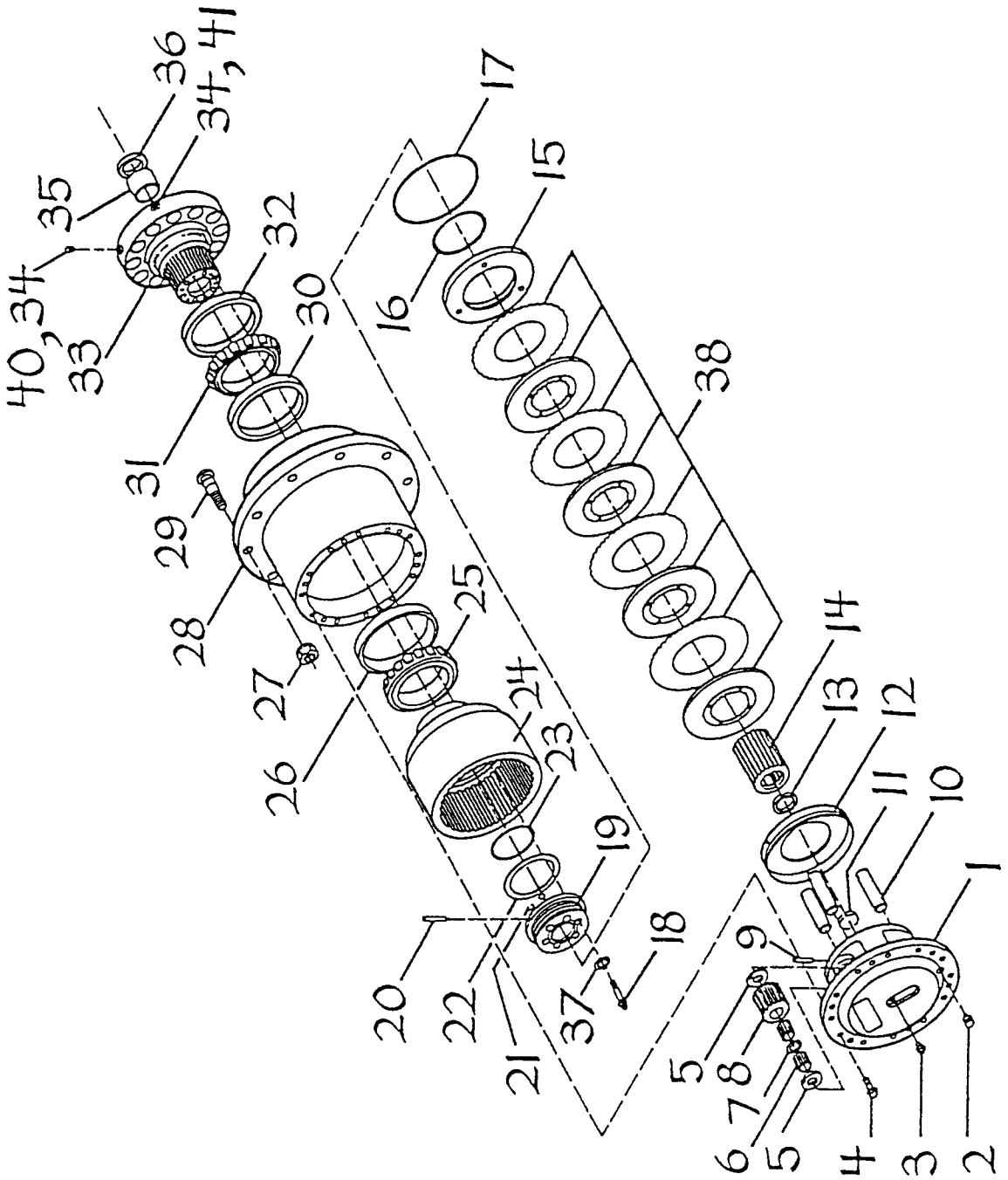
2	PAGE NUMBER	DIFFERENTIAL LOCK ASSEMBLY / PS-1350 SS-842 and SS-1048 FRONT AXLE	DRAWING NUMBER	P3-1296

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

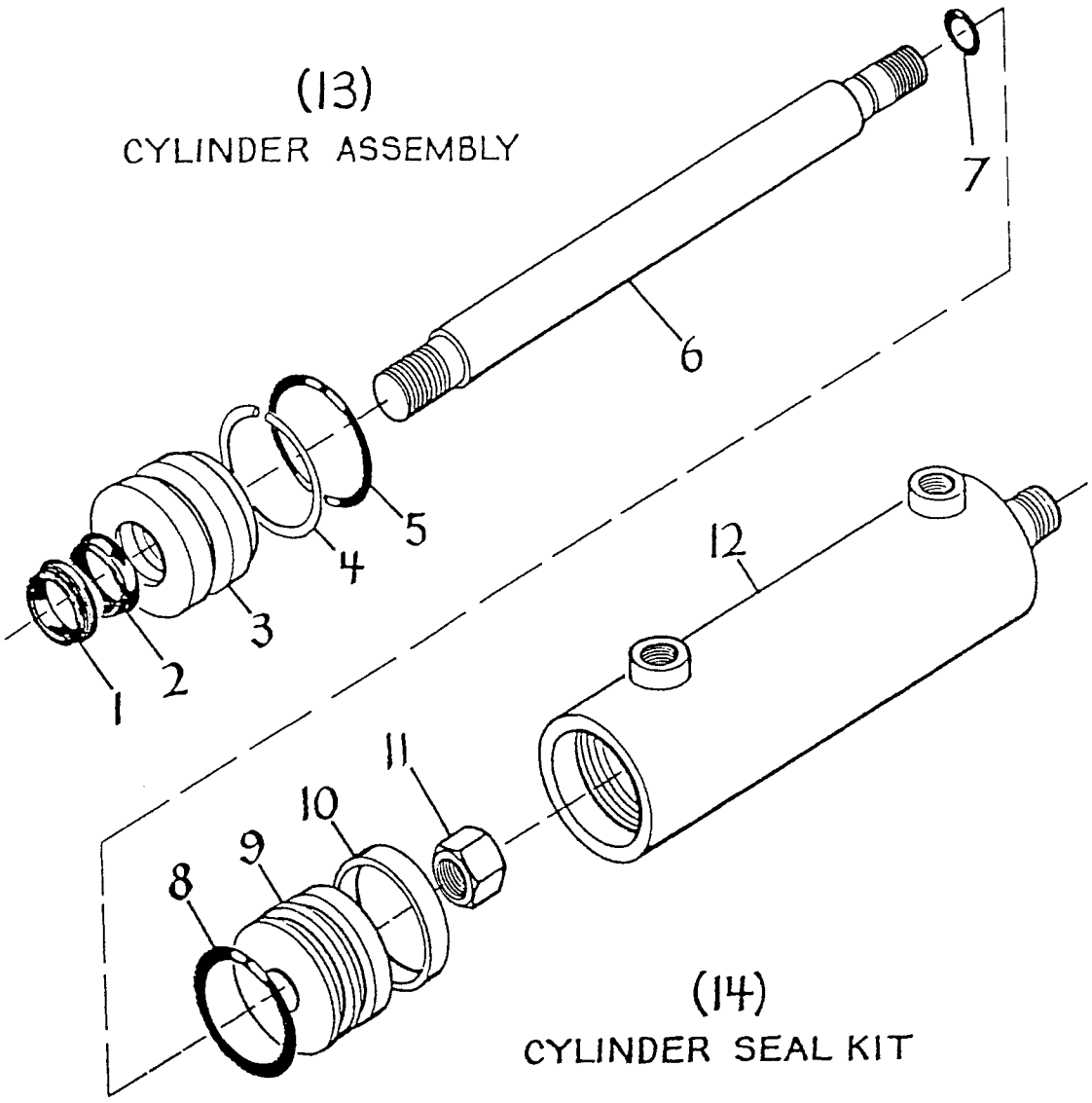


3	PAGE NUMBER	OUTER END / PS-1350 FRONT AXLE SS-842 / SS-1048 SQUARE SHOOTER	DRAWING NUMBER	P3-1295

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	7-229-257	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


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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	7-229-277	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	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	7-229-22	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 SEAL U-CUP	1
3	---------	PISTON	1
4	---------	LOCKWIRE	1
5	---------	GLAND STATIC SEAL	1
6	7-229-225	ROD	1
7	---------	ROD STATIC SEAL	1
8	---------	PISTON SEAL	1
9	---------	PISTON	1
10	---------	WEAR RING	1
11	---------	LOCKNUT	1
12	---------	BARREL ASSEMBLY	1
13	7-229-262	CYLINDER ASSY (ITEMS 1 THRU 12)	REF
14	7-229-226	SEAL KIT (ITEMS 1,2,4,5,7,8,10)	REF

NOTES