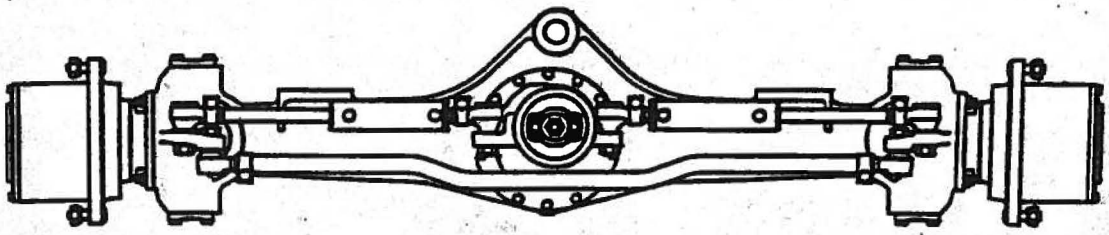
235449

T1

FRONT & REAR AXLE PARTS BOOK

SS-836
SS-636
SS-624



DATE: 1-17-96

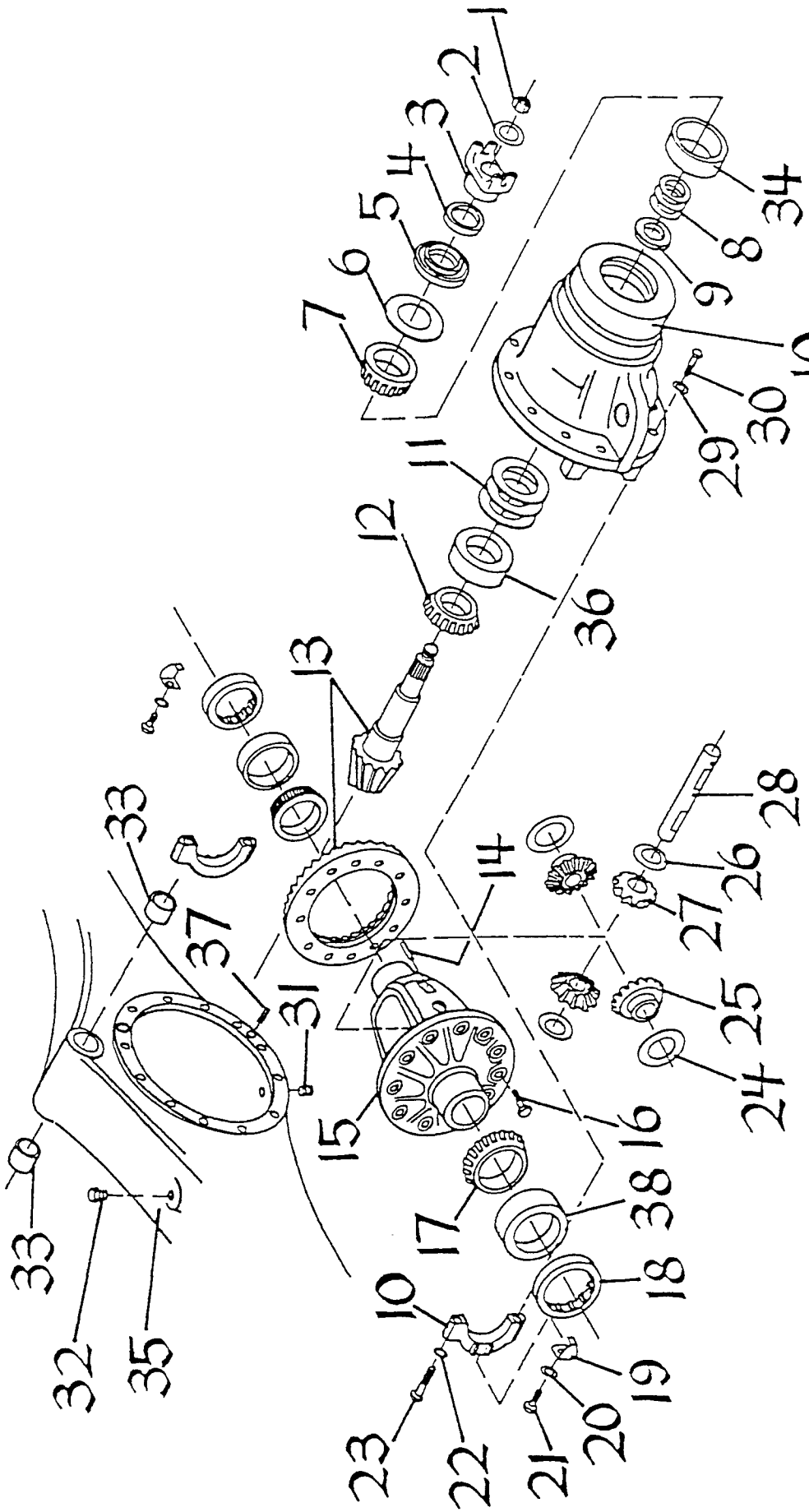
SPICER PS-7036 AXLE

7-229-214 STEERING CYLINDER

&

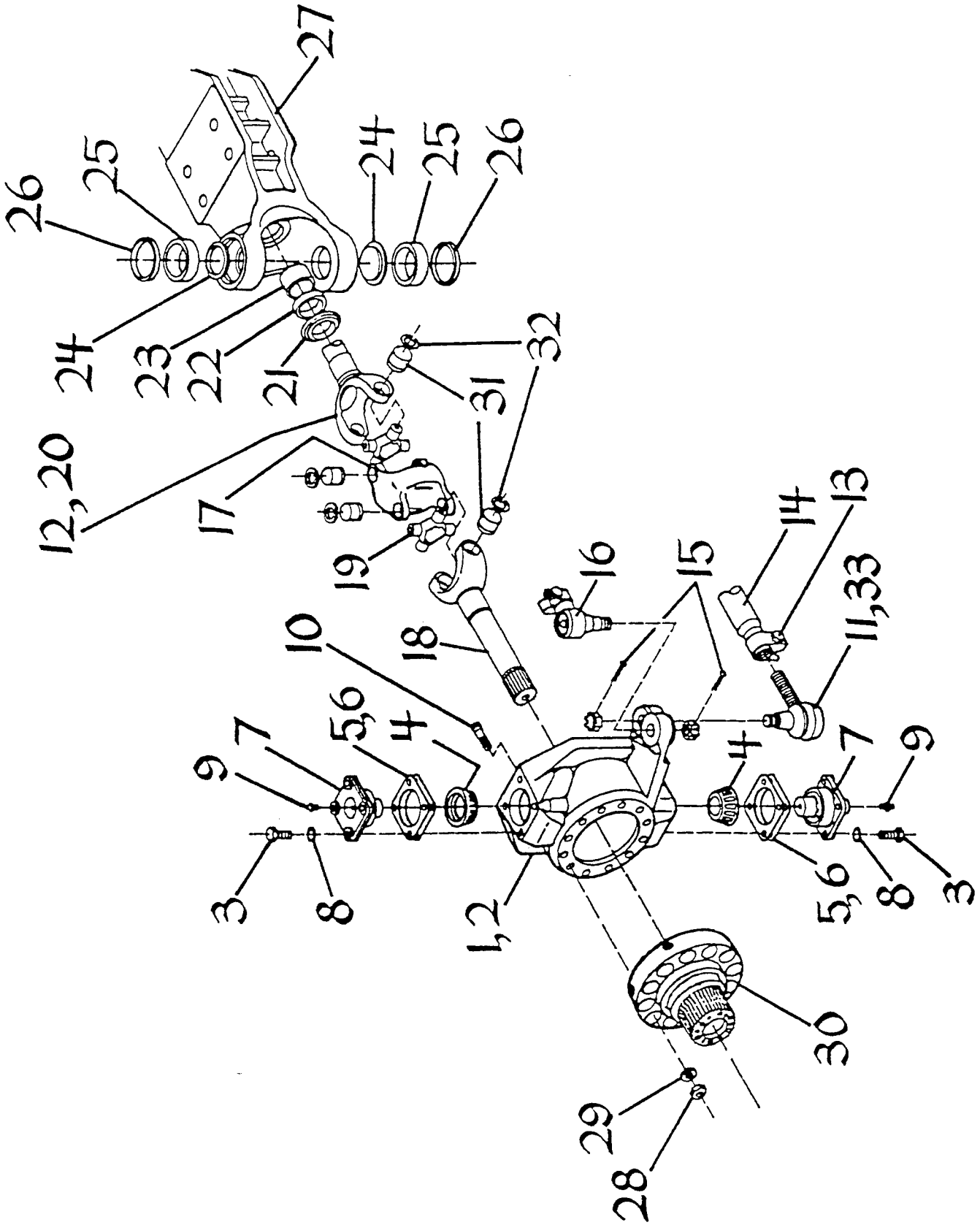
7-229-215 STEERING CYLINDER

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



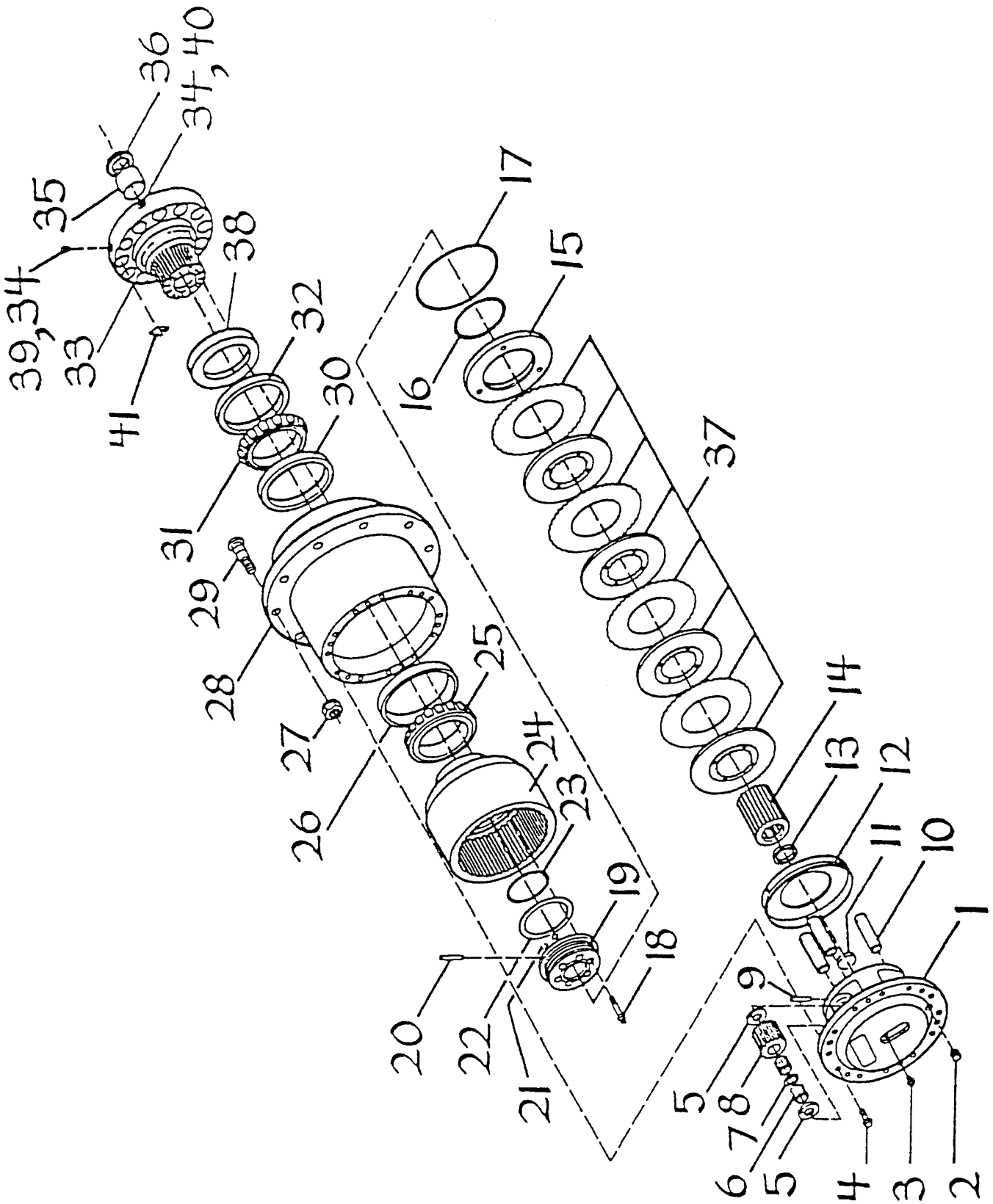
1	PAGE NUMBER	CARRIER ASSEMBLY / PS-7036 AXLE SS-624 SS-636 SS-836	DRAWING NUMBER	P3-1138

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-133	NUT / PINION	1
2	7-229-134	WASHER / PINION NUT	1
3	7-229-135	END YOKE	1
4	7-229-136	DEFLECTOR	1
5	7-229-285	SEAL / OIL	1
6	7-229-176	THRUSTWASHER / BEARING	1
7	7-229-287	BEARING CONE	1
8	SEE TABLE	SHIM / ADJUSTING	
9	7-229-154	SPACER	1
10	7-229-155	CARRIER SUB-ASSEMBLY	1
11	SEE TABLE	SHIM / ADJUSTING	
12	7-229-289	BEARING CONE	1
13	7-229-157	RING GEAR & PINION ASSEMBLY	1
14	7-229-158	ROLL PIN	1
15	7-229-159	CASE / DIFFERENTIAL	1
16	7-229-160	SCREW / HEX	12
17	7-229-293	BEARING CONE	2
18	7-229-162	RING / ADJUSTING	2
19	7-229-163	CLIP / ADJUSTING RING	2
20	7-229-164	WASHER / FLAT	2
21	7-229-165	BOLT / HEX	2
22	7-229-166	WASHER / FLAT	4
23	7-229-167	BOLT / HEX	4
24	7-229-168	THRUSTWASHER / DIFF. GEAR	2
25	7-229-169	GEAR / DIFFERENTIAL	2
26	7-229-170	THRUSTWASHER / DIFF. PINION	2
27	7-229-171	PINION / DIFFERENTIAL	2
28	7-229-172	SHAFT / DIFFERENTIAL	1
29	7-229-173	WASHER / FLAT	14
30	7-229-228	BOLT / HEX	14
31	7-229-175	PLUG / PIPE	2
32	7-229-61	VENT	1
33	7-229-177	BUSHING	2
34	7-229-288	BEARING CUP	1
35	7-229-179	HOUSING / AXLE	1
36	7-229-290	BEARING CUP	1
37	7-229-292	PIN / DOWEL	2
38	7-229-294	BEARING CUP	2
39			
40		SHIM TABLE (ITEM 8)	
41		---	
42	7-229-143	SHIM / ADJUSTING .014	
43	7-229-151	SHIM / ADJUSTING .015	
44	7-229-146	SHIM / ADJUSTING .016	
45	7-229-148	SHIM / ADJUSTING .018	
46	7-229-149	SHIM / ADJUSTING .020	
47	7-229-150	SHIM / ADJUSTING .022	
48			
49		SHIM TABLE (ITEM 11)	
50		---	
51	7-229-139	SHIM / ADJUSTING / .003	
52	7-229-140	SHIM / ADJUSTING / .005	
53	7-229-141	SHIM / ADJUSTING / .010	
54	7-229-286	SHIM / ADJUSTING / .030	



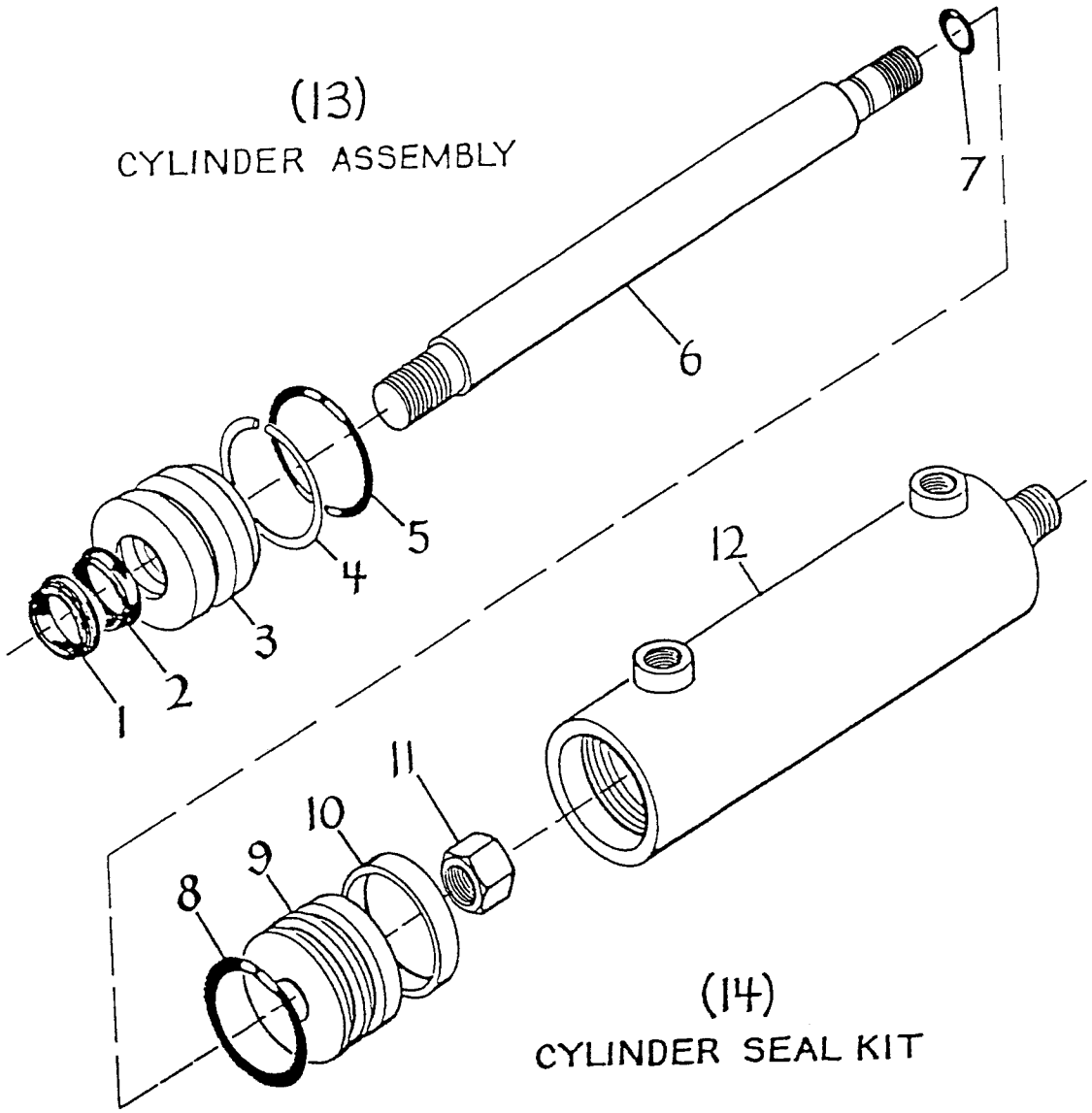
2	PAGE NUMBER	OUTER END / PS-7036 AXLE SS-624 SS-636 SS-836	DRAWING NUMBER	P3-1137

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-296	KNUCKLE / STEERING / RH	1
2	7-229-295	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	7-229-173	WASHER / FLAT	16
9	7-229-69	FITTING / GREASE	4
10	7-229-218	STUD / SPINDLE MOUNTING	24
11	7-229-200	TIE ROD END / 1 1/8 x 16 THD.	1
12	7-229-185	YOKE SHAFT / INNER / 29 1/2 LG.	2
13	7-229-71	CLAMP / TIE ROD	2
14	7-229-199	TIE ROD	1
15	7-229-38	COTTER PIN	6
16	7-229-10	END / STEERING CYLINDER	4
17	7-229-188	YOKE / CENTER	2
18	7-229-189	YOKE SHAFT / OUTER	2
19	7-229-202	CROSS ASSEMBLY / U-JOINT	4
20	7-229-190	YOKE SHAFT / INNER / 28 3/8 LG.	2
21	7-229-303	SEAL / INNER SHAFT	2
22	7-229-192	SEAL / INNER SHAFT	2
23	7-229-193	BUSHING / INNER 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	7-229-179	HOUSING / AXLE	REF
28	7-229-75	LOCK NUT	24
29	7-229-76	WASHER / FLAT	24
30	7-229-142	SPINDLE	REF
31	7-229-203	BEARING RACE / U-JOINT	16
32	7-229-204	SNAP RING	16
33	7-229-201	TIE ROD END / 1 1/8 x 12 THD.	1

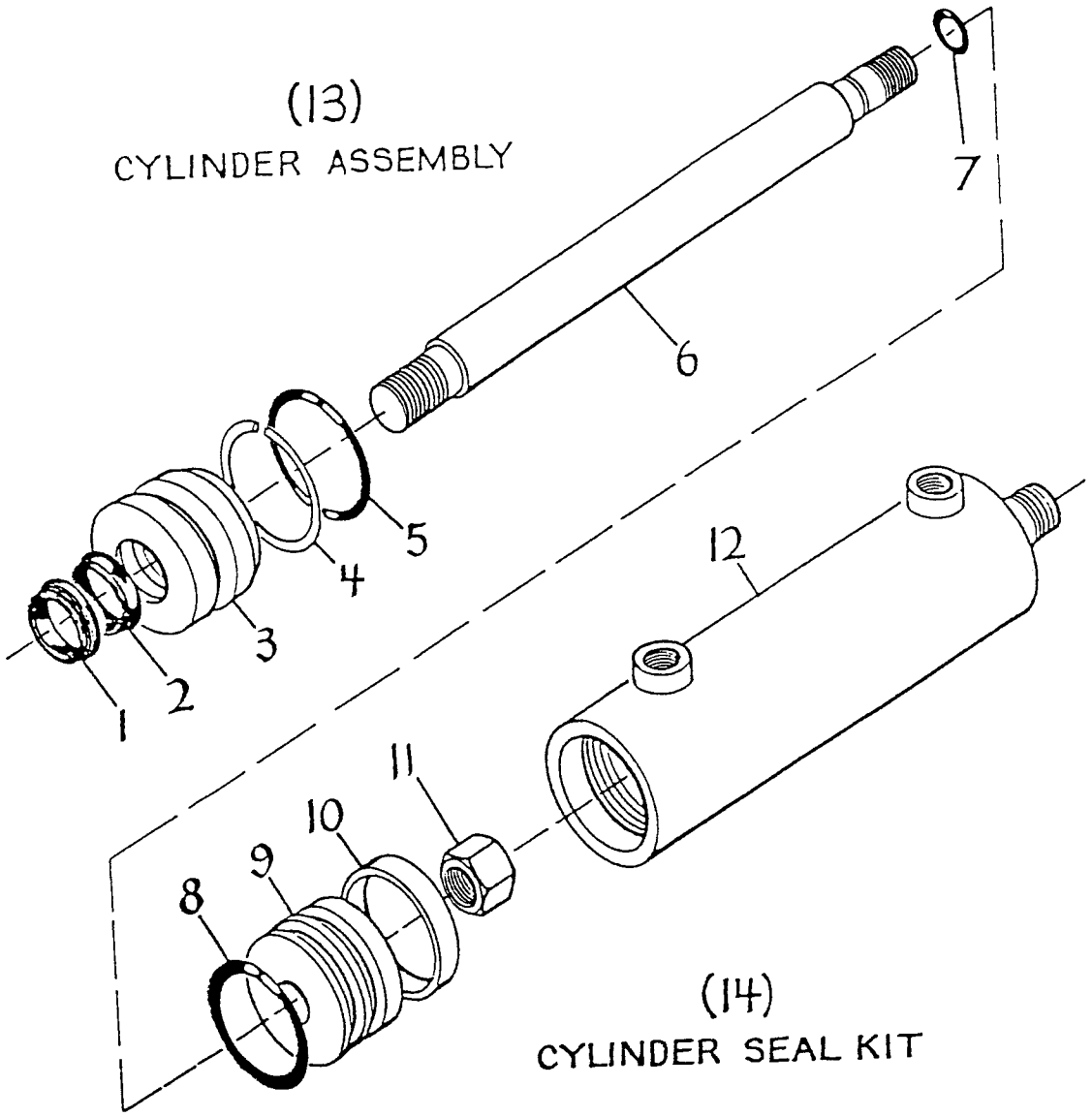


3	PAGE NUMBER	WET DISC BRAKE / PS-7036 AXLE SS-624 SS-636 SS-836		DRAWING NUMBER	P3-1139

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-79	FLANGE / DRIVE PLANETARY	2
2	7-229-55	PLUG / MAGNETIC DRAIN	2
3	7-229-181	VENT	2
4	7-229-297	SCREW / HEX SELF-LOCK	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	7-229-182	SNAP RING	2
14	7-229-183	GEAR / SPUR	2
15	7-229-92	PISTON	2
16	7-229-93	O-RING	2
17	7-229-94	O-RING	2
18	7-229-95	SCREW / 12 POINT CAP	12
19	7-229-96	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	7-229-299	BEARING / CUP	2
27	7-229-104	NUT 3/4-16 RH	20
28	7-229-298	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	7-229-142	SPINDLE	2
34	7-229-110	SEAT / INSERT	4
35	7-229-186	SPINDLE BUSHING	2
36	7-229-187	SEAL / SPINDLE	2
37	7-229-22	BRAKE PLATES & DISCS KIT	2
38	7-229-132	SLINGER / HUB OIL	2
39	7-229-220	BLEEDER	2
40	7-229-217	FITTING / BRAKE INLET	2
41	7-229-301	GUARD / BLEEDER	2
42	7-229-23	O-RING KIT (ITEMS 16,17,22,23)	REF
43			
44		ITEM (22) SHIM TABLE	
45		---	
46	7-229-126	SHIM / ADJUSTING .010	
47	7-229-206	SHIM / ADJUSTING .011	
48	7-229-207	SHIM / ADJUSTING .012	
49	7-229-208	SHIM / ADJUSTING .013	
50	7-229-209	SHIM / ADJUSTING .014	
51	7-229-210	SHIM / ADJUSTING .015	
52	7-229-127	SHIM / ADJUSTING .020	
53	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	7-229-213	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	7-229-214	CYLINDER ASSY (ITEMS 1 Thru 12)	REF
14	7-229-211	SEAL KIT (ITEMS 1,2,4,5,7,8,10)	REF



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	7-229-212	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	7-229-215	CYLINDER ASSY (ITEMS 1 Thru 12)	REF
14	7-229-211	SEAL KIT (ITEMS 1,2,4,5,7,8,10)	REF