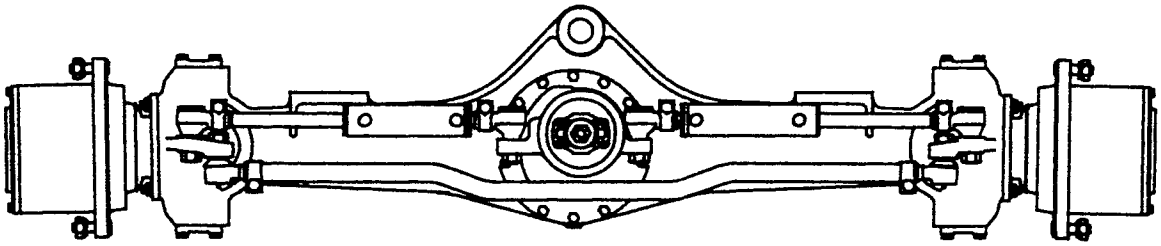
236655

FRONT & REAR AXLE PARTS BOOK

SS-836
SS-636
SS-624



DATE: 10-12-96

SPICER PS-7036 AXLE

7-229-338 STEERING CYLINDER

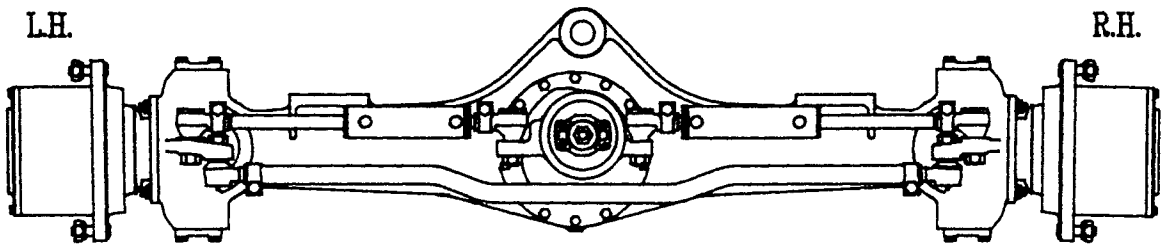
&

7-229-339 STEERING CYLINDER

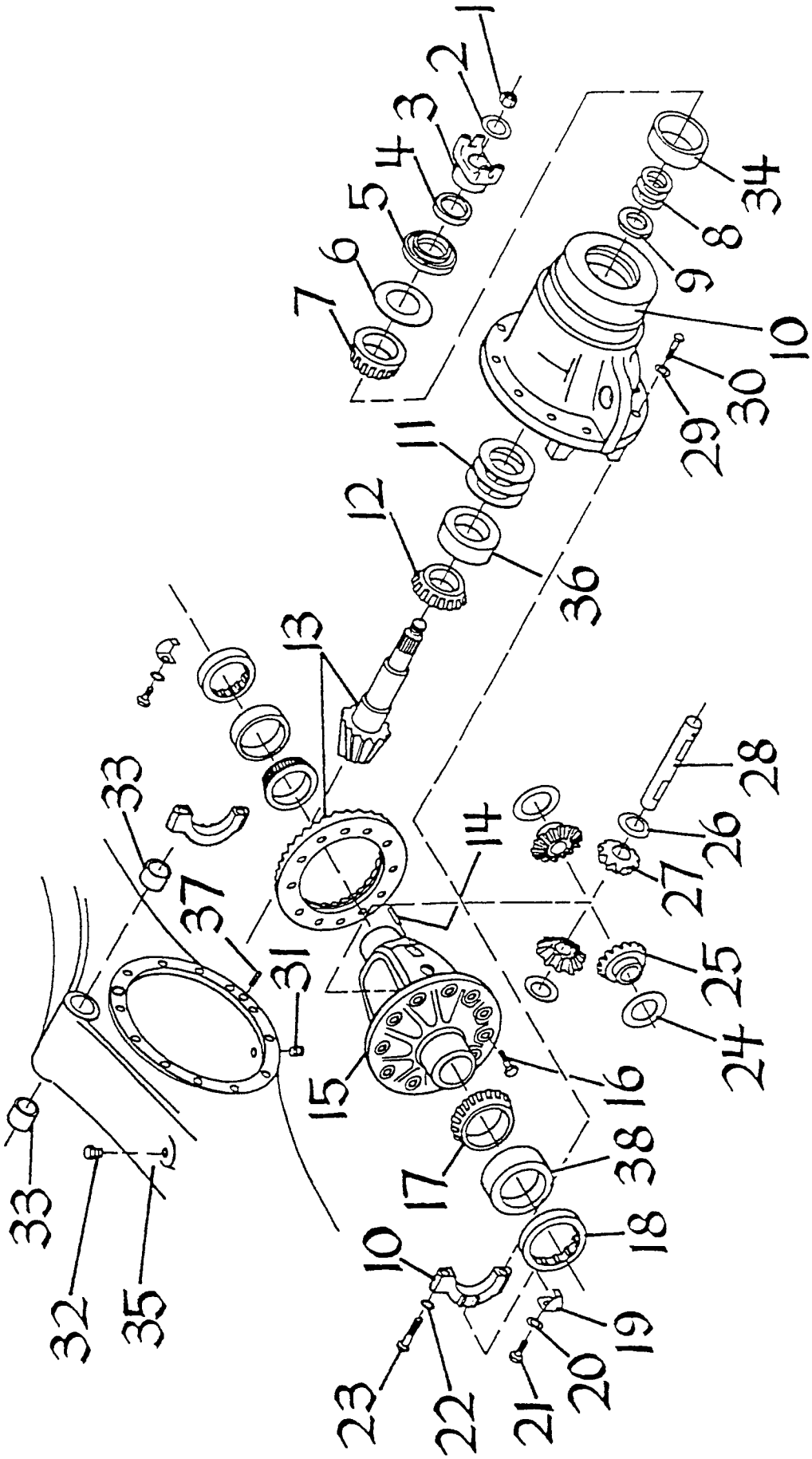
BARAGA PRODUCTS, INC.
455 N. Superior Ave.
Baraga, MI 49908-0248
Ph. (906) 353-6675 Fax (906) 353-7543

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.

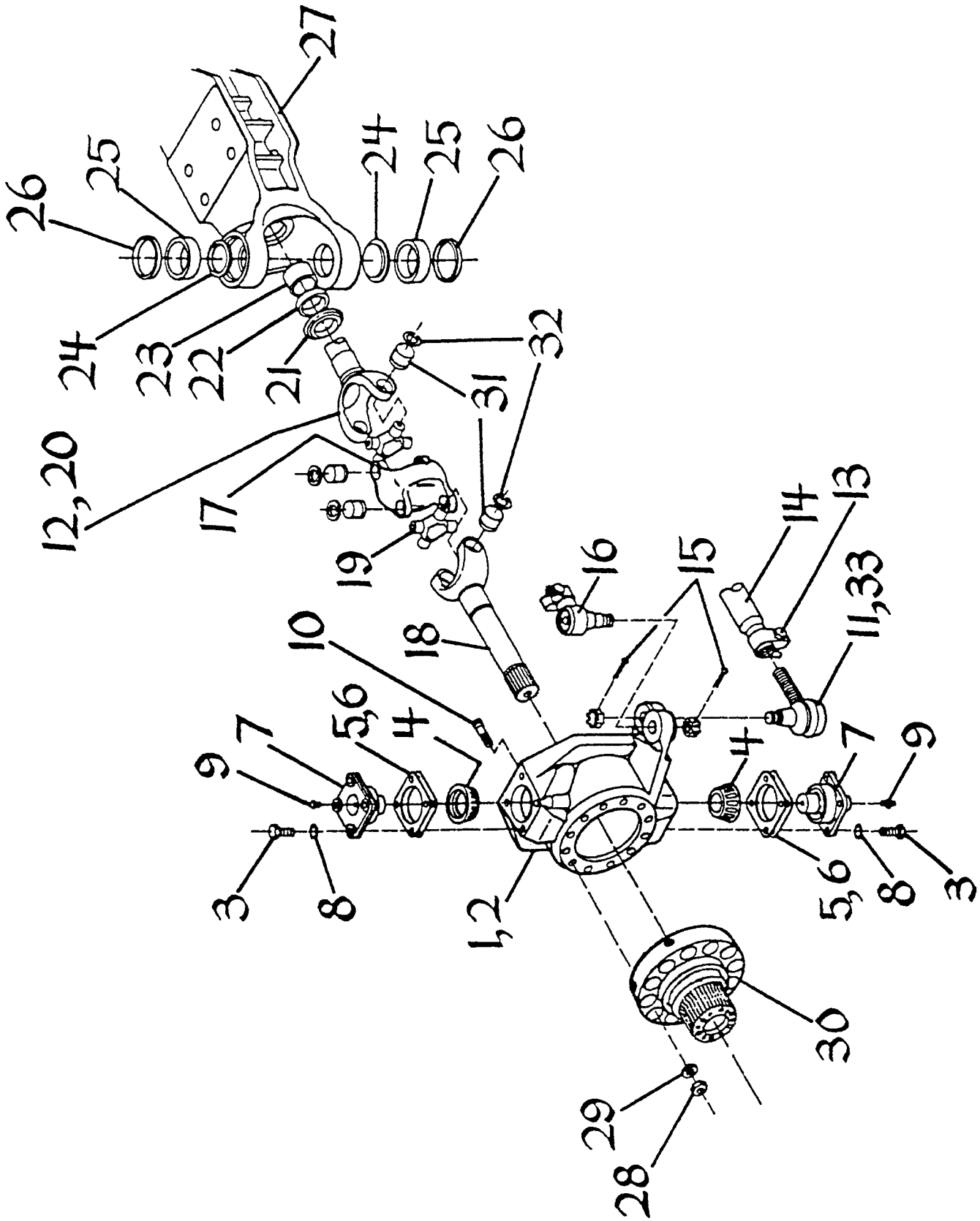


LOOKING STRAIGHT AT AXLE END YOKE



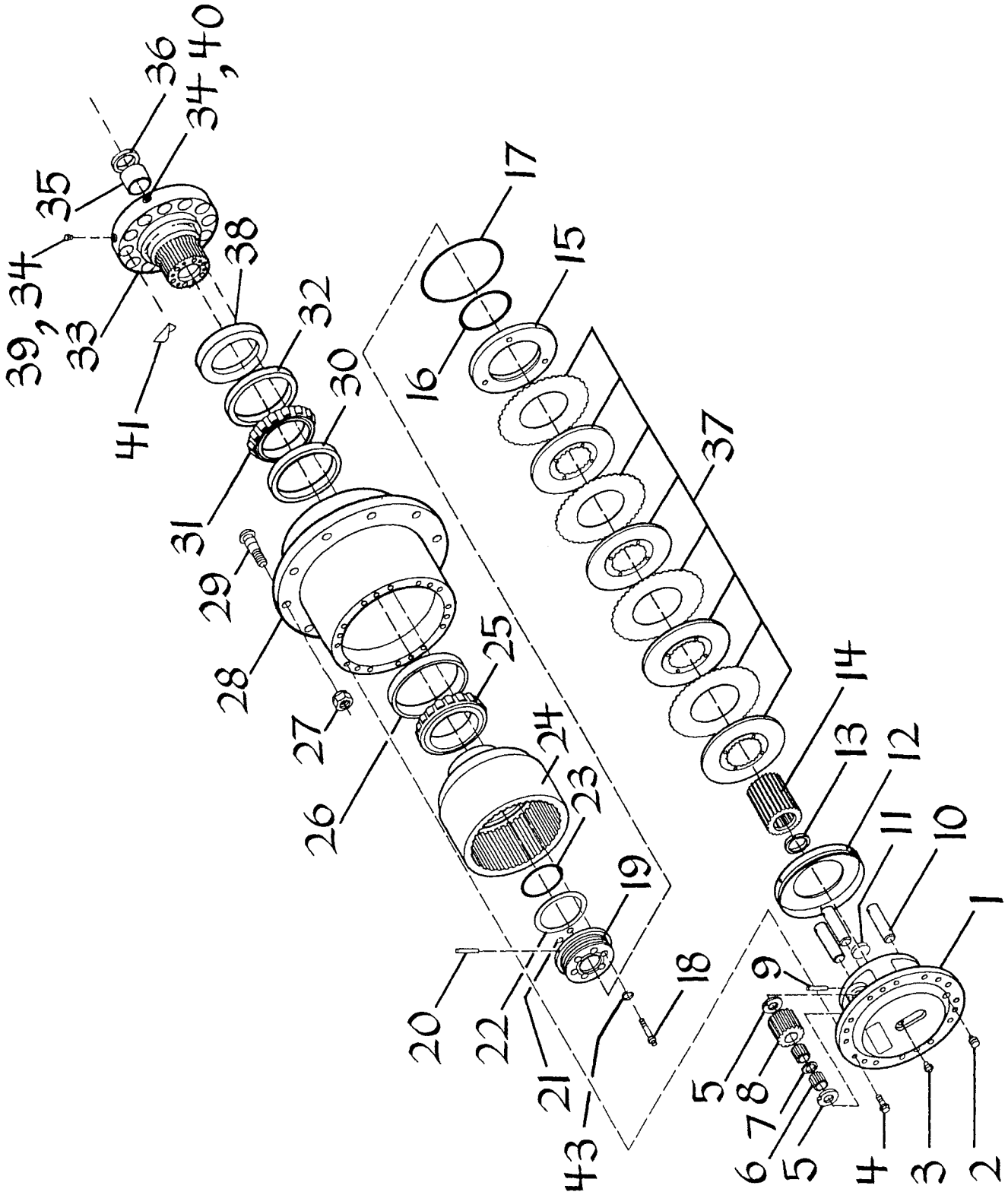
1	PAGE NUMBER	CARRIER ASSEMBLY / PS-7036 AXLE SS-624 SS-636 SS-836	DRAWING NUMBER	P3-1138

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	



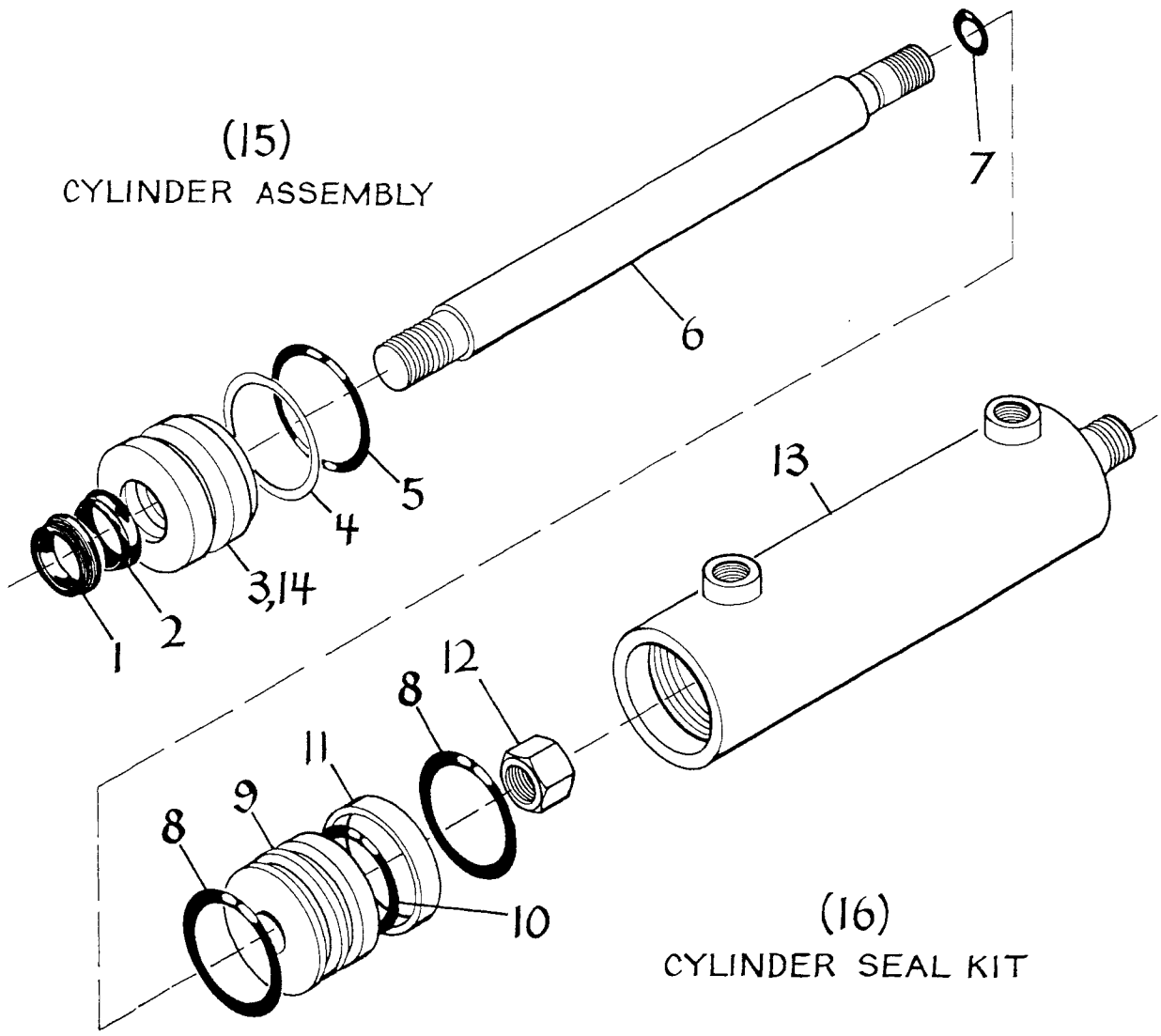
2 PAGE NUMBER	OUTER END / PS-7036 AXLE SS-624 SS-636 SS-836	DRAWING NUMBER	P3-1137

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

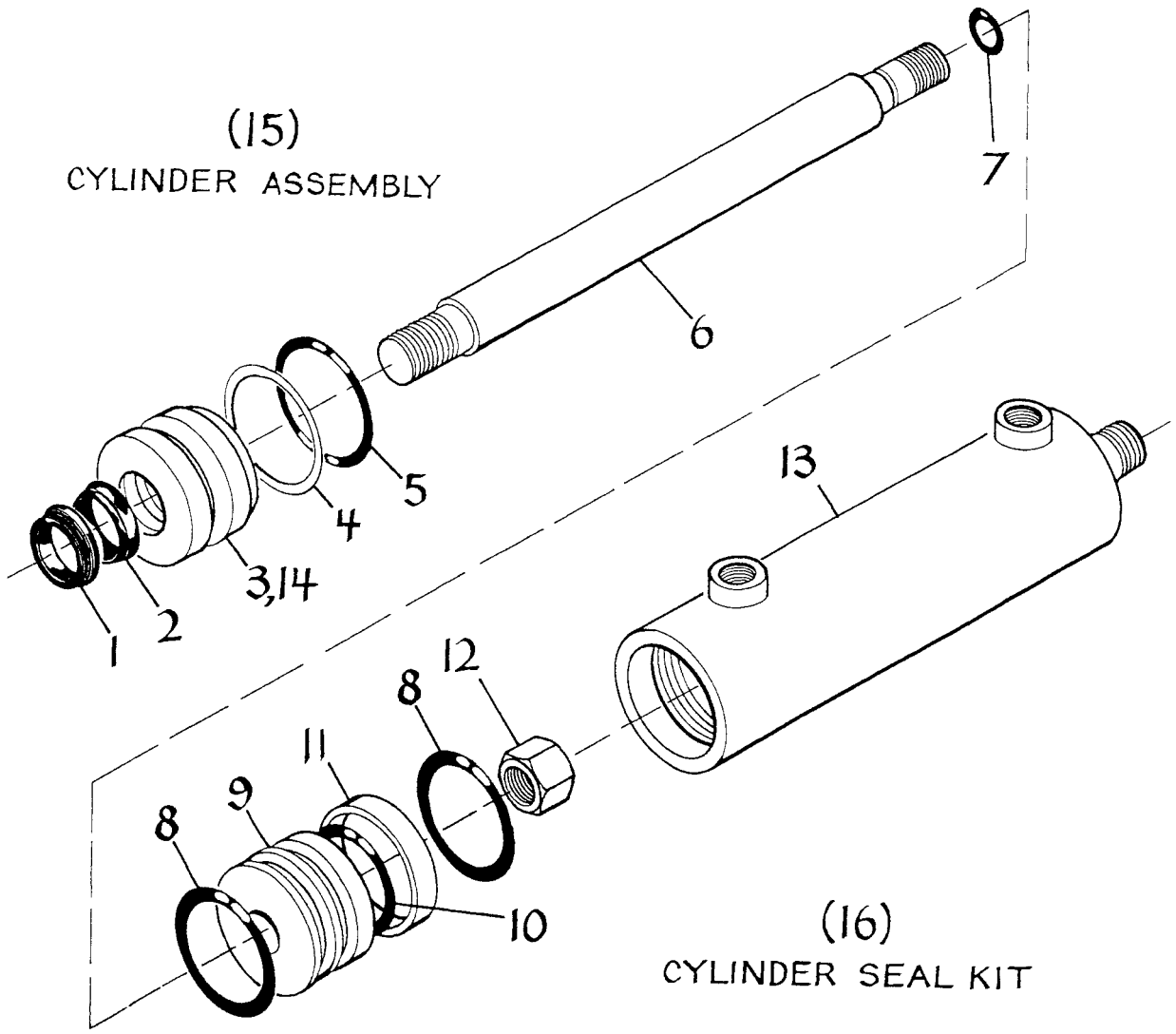


3 PAGE NUMBER	WET DISC BRAKE / PS-7036 AXLE 624-636-836 FRT.& REAR / SS-842 REAR	DRAWING NUMBER	P3-1342

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	7-229-266	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	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 / OIL	2
33	7-229-309	SPINDLE	2
34	7-229-110	SEAT / INSERT	4
35	7-229-186	SPINDLE BUSHING	2
36	7-229-187	SEAL / SPINDLE	2
37	7-229-350	BRAKE PLATES & DISCS KIT	2
38	7-229-132	DEFLECTOR / OIL SEAL	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	7-229-267	FLATWASHER / HARDENED / 1/2	12
44			
45		ITEM (22) SHIM TABLE	
46		---	
47	7-229-126	SHIM / ADJUSTING .010	
48	7-229-206	SHIM / ADJUSTING .011	
49	7-229-207	SHIM / ADJUSTING .012	
50	7-229-208	SHIM / ADJUSTING .013	
51	7-229-209	SHIM / ADJUSTING .014	
52	7-229-210	SHIM / ADJUSTING .015	
53	7-229-127	SHIM / ADJUSTING .020	
54	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	7-229-352	ROD	1
7	----------	O-RING	1
8	----------	WEAR RING	2
9	----------	PISTON	1
10	----------	O-RING	1
11	----------	PISTON SEAL	1
12	----------	LOCKNUT	1
13	----------	BARREL ASSEMBLY	1
14	----------	RETAINING WIRE	1
15	7-229-338	CYLINDER ASSY (ITEMS 1 Thru 14)	REF
16	7-229-348	SEAL KIT (1,2,4,5,7,8,10,11,14)	REF



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	7-229-353	ROD	1
7	----------	O-RING	1
8	----------	WEAR RING	2
9	----------	PISTON	1
10	----------	O-RING	1
11	----------	PISTON SEAL	1
12	----------	LOCKNUT	1
13	----------	BARREL ASSEMBLY	1
14	----------	RETAINING WIRE	1
15	7-229-339	CYLINDER ASSY (ITEMS 1 Thru 14)	REF
16	7-229-348	SEAL KIT (1,2,4,5,7,8,10,11,14)	REF