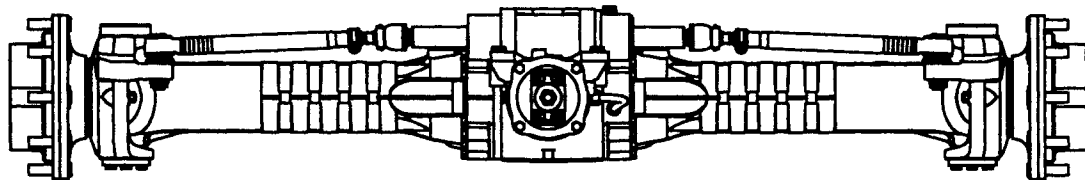


FRONT AXLE PARTS BOOK TH636C TH644C TH842C TH844C

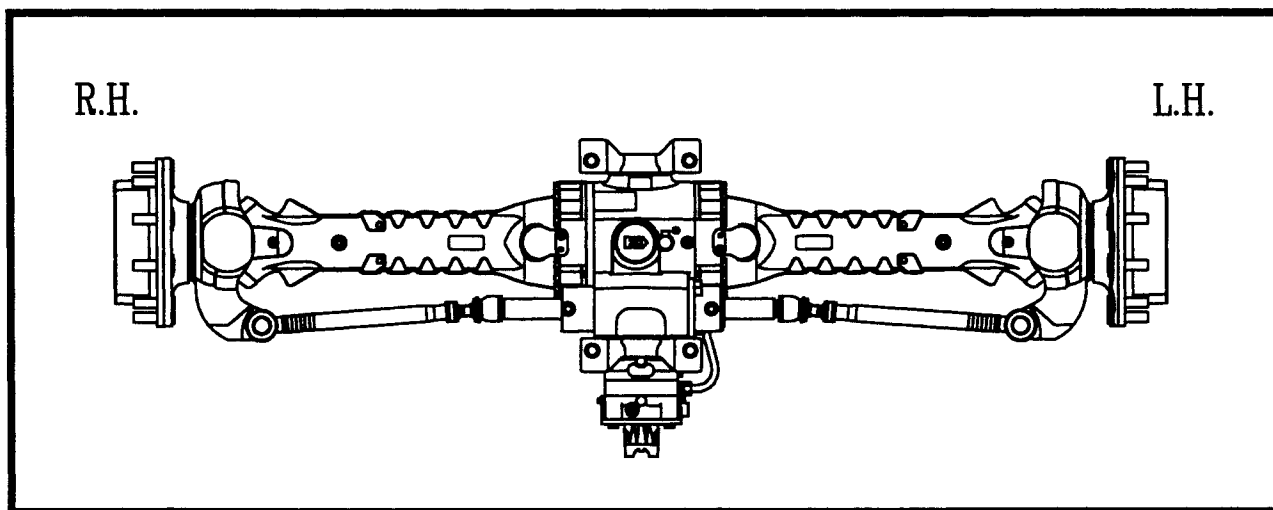


DATE: 12-13-04
SPICER CLARK-HURTH 212/540 AXLE
7-229-619 STEERING CYLINDER
DIFFERENTIAL LOCK

TEREX HANDLERS
455 N. Superior Ave., Baraga, MI 49908
PH: (906) 353-3500; FAX: (906) 353-7543
INTERNET: <http://www.terex.com>

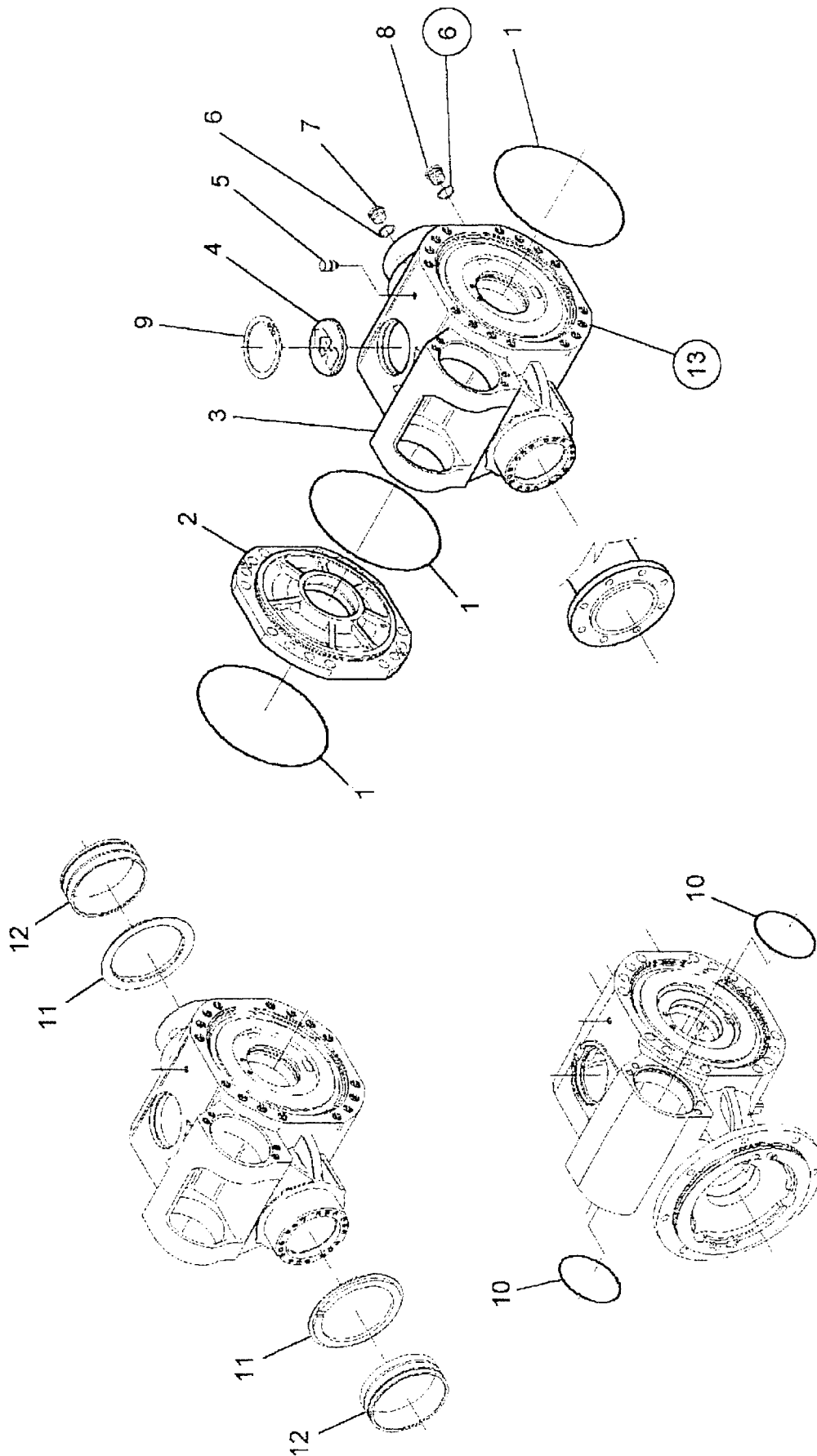
AXLE PARTS ORDERING GUIDE

WHEN ORDERING FROM THIS BOOK USE THE
FIGURE BELOW AS A REFERENCE IN DETERMINING
LEFT OR RIGHT HAND SIDE



INDEX

PAGE	DESCRIPTION	DRAWING
1	GEAR BOX & COVERS	P1-2157
2	DIFFERENTIAL ASSEMBLY	P1-2158
3	STEERING AXLE ASSEMBLY	P1-2155
4	TRUNNION MOUNT ASSEMBLY	P1-1258
5	DISC BRAKE ASSEMBLY	P1-2156
6	PARKING BRAKE ASSEMBLY	P1-2159
7	STEERING ARMS ASSEMBLY	P1-1268
8	STEERING CYLINDER ASSEMBLY	P1-1269

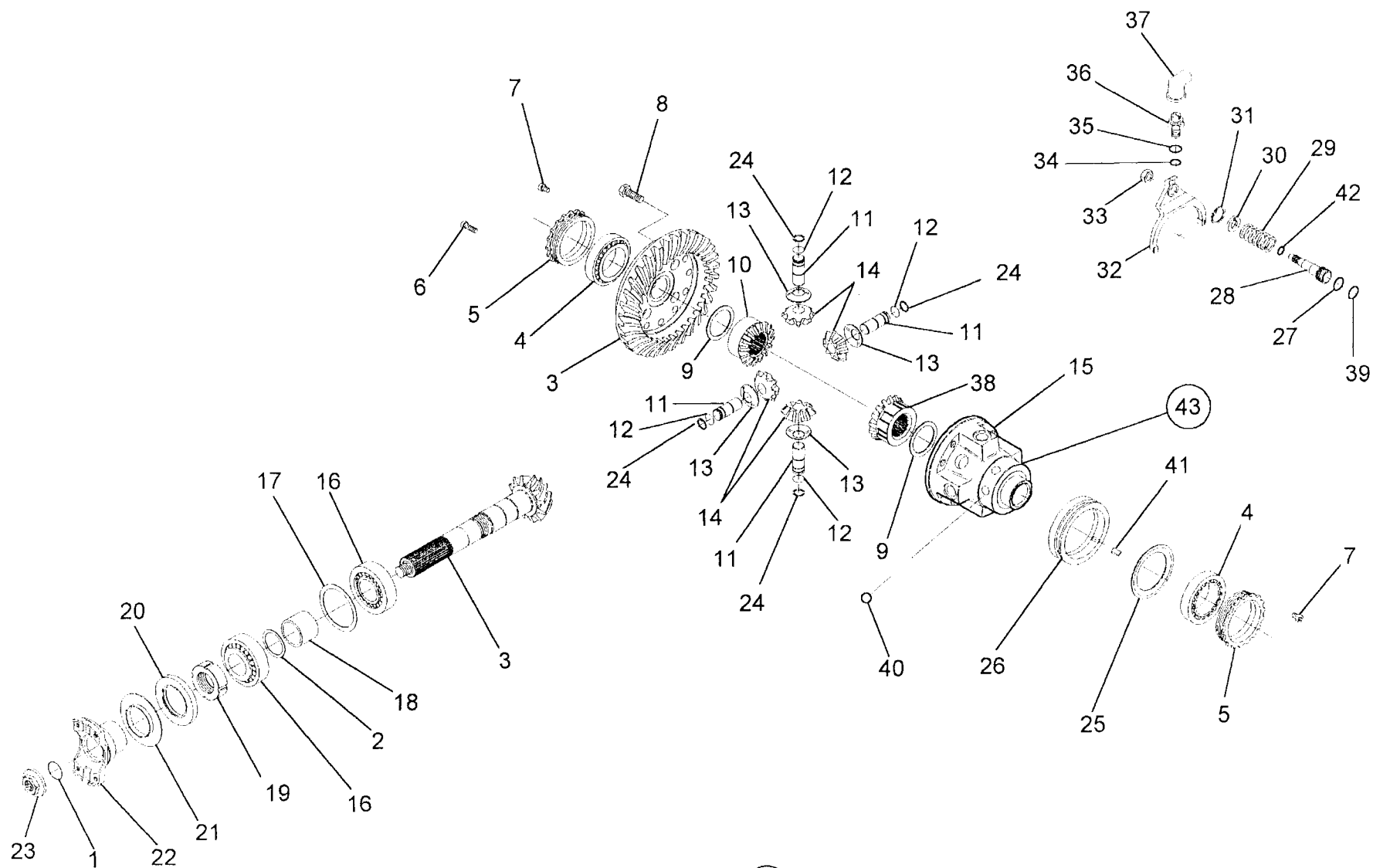


13 = Position KIT = 3+11+12

6 OPTIONAL

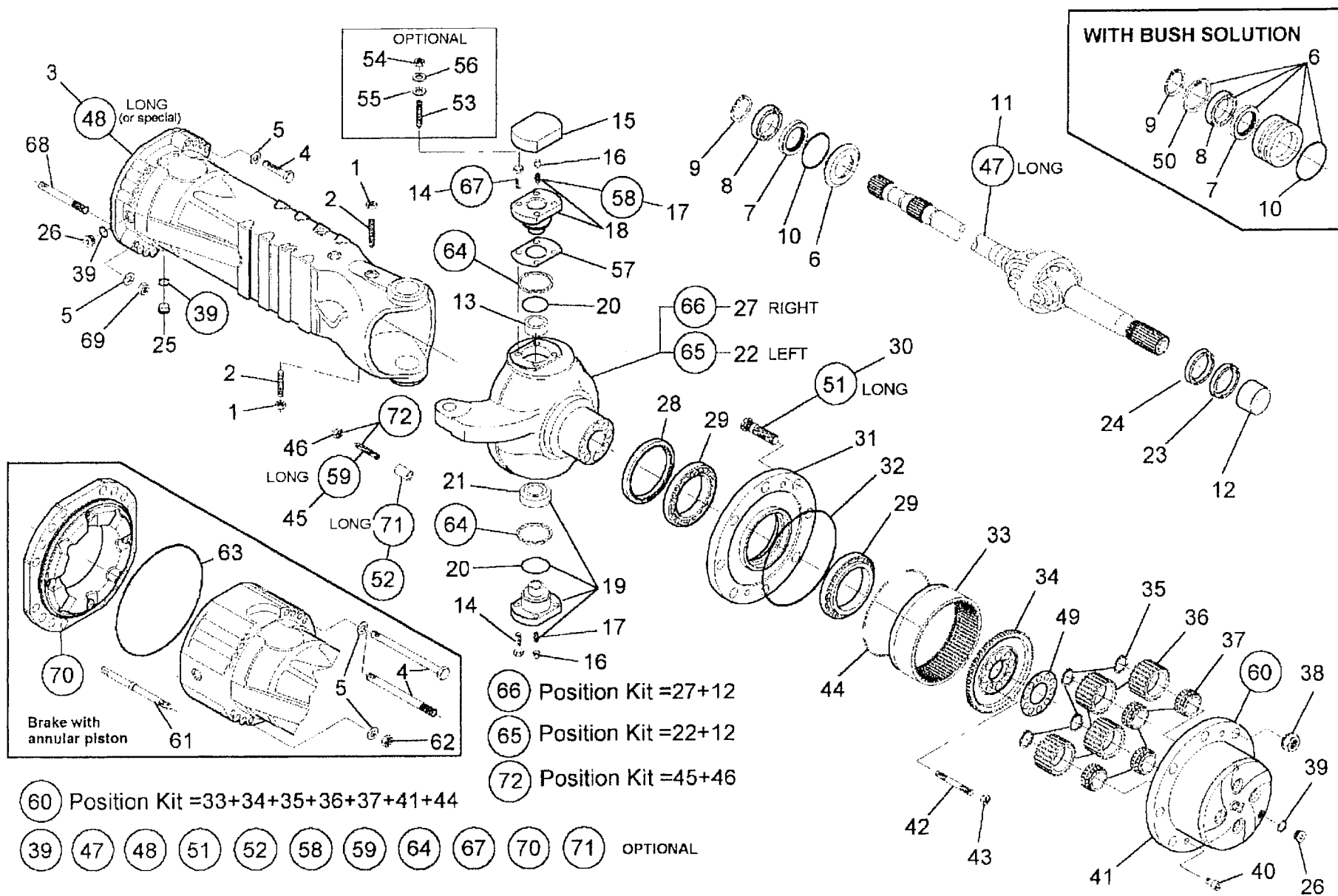
6

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-520	O-RING	3
2	7-229-521	INTERMEDIATE COVER	1
3	7-229-995	HOUSING	1
4	7-229-926	COVER	1
5	7-229-524	VENT	1
6	7-229-525	SEAL WASHER	2
7	7-229-526	PLUG w/ SEAL WASHER	1
8	7-229-527	MAGNETIC PLUG w/ SEAL WASHER	1
9	7-229-601	CIRCLIP	1
10		(NOT USED ON THIS MODEL)	
11		(NOT USED ON THIS MODEL)	
12		(NOT USED ON THIS MODEL)	
13		(NOT USED ON THIS MODEL)	



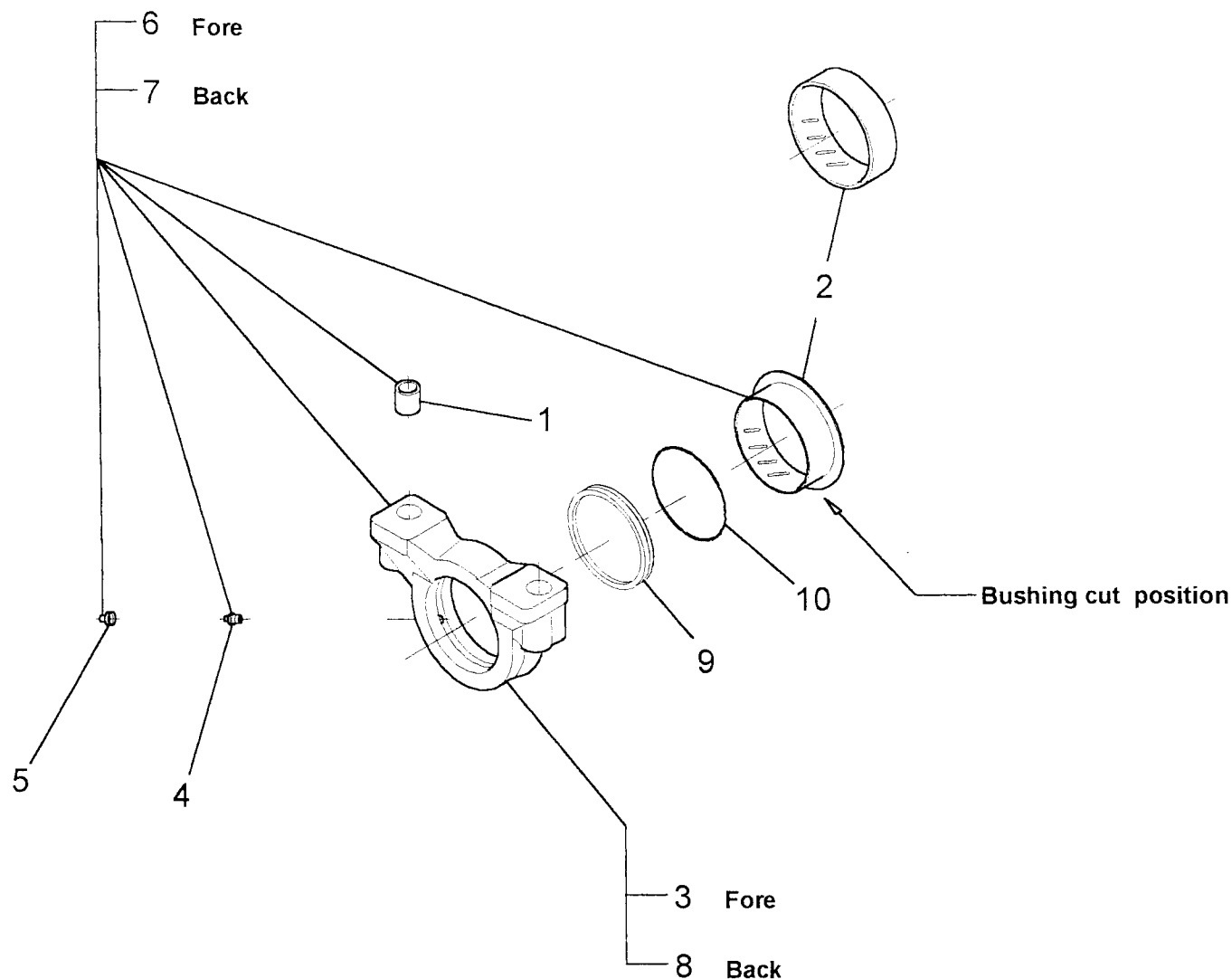
④3 =Position KIT =9+10+11+12+13+14+15+24+38

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-528	O-RING	1
2		SHIM / SEE ITEMS 44-47 BELOW	
3	7-229-996	BEVEL GEAR SET	1
4	7-229-535	TAPER ROLLER BEARING	2
5	7-229-536	RING NUT	2
6	7-229-537	CYLINDER BOLT	4
7	7-229-538	CYLINDER BOLT	2
8	7-229-691	BOLT	12
9	7-229-540	FRICTION WASHER	2
10	7-229-927	DIFFERENTIAL SIDE GEAR / RH	1
11	7-229-941	PIN	4
12	7-229-543	CIRCLIP	4
13	7-229-544	FRICTION WASHER	4
14	7-229-942	DIFFERENTIAL PINION	4
15	7-229-716	DIFFERENTIAL CARRIER	1
16	7-229-547	TAPER ROLLER BEARING	2
17		SHIM / SEE ITEMS 48-51 BELOW	
18	7-229-549	SPACER	1
19	7-229-550	RING NUT	1
20		(NOT USED ON THIS MODEL)	
21		(NOT USED ON THIS MODEL)	
22	7-229-553	FLANGE	1
23	7-229-554	NUT	1
24	7-229-555	CIRCLIP	4
25	7-229-717	SHEET	1
26	7-229-718	SELECTOR	1
27	7-229-719	O-RING	1
28	7-229-720	PISTON	1
29	7-229-721	SPRING	1
30	7-229-722	PLUG	1
31	7-229-723	CIRCLIP	1
32	7-229-724	SELECTOR FORK	1
33	7-229-725	NUT	1
34	7-229-726	O-RING	1
35	7-229-727	SEAL WASHER	1
36	7-229-944	SECURITY SWITCH	1
37	7-229-729	BOOT	1
38	7-229-541	DIFFERENTIAL SIDE GEAR / LH	1
39	7-229-730	RING	1
40	7-229-731	DETENT BALL	6
41	7-229-732	KEY	1
42	7-229-733	CIRCLIP	1
43	7-229-945	DIFFERENTIAL ASSY (INCL. ITEMS 9-15,24,38)	1
44	7-229-530	SHIM / 0.15mm	AR
45	7-229-531	SHIM / 0.20mm	AR
46	7-229-532	SHIM / 0.40mm	AR
47	7-229-533	SHIM / 0.50mm	AR
48	7-229-548	SHIM / 0.20mm	AR
49	7-229-557	SHIM / 0.30mm	AR
50	7-229-558	SHIM / 0.15mm	AR
51	7-229-559	SHIM / 0.10mm	AR

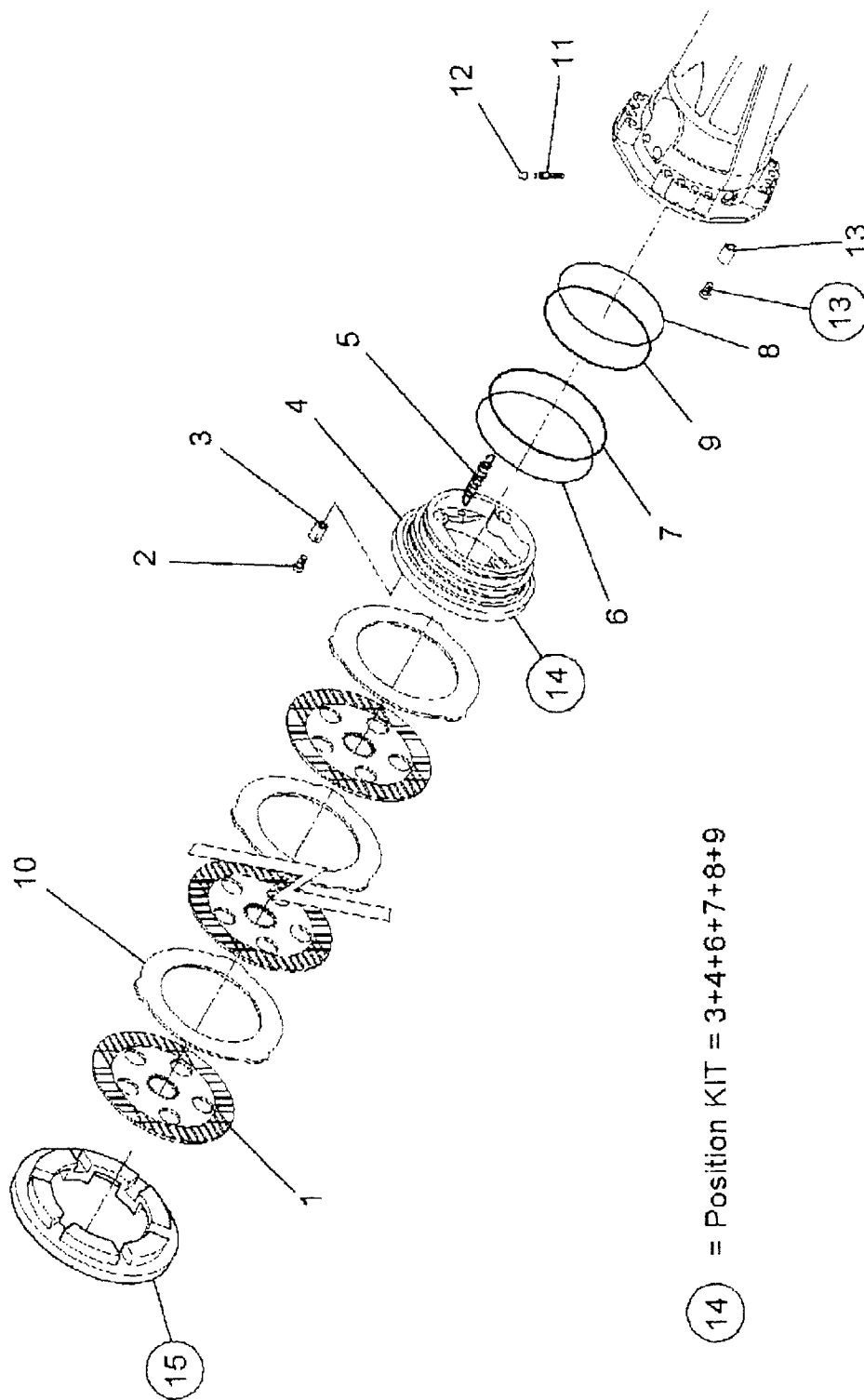


ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-623	NUT	2
2	7-229-624	BOLT	2
3	7-229-677	AXLE CASE	2
4	7-229-947	BOLT	32
5		(NOT USED ON THIS MODEL)	
6	7-229-562	REDUCTION BUSHING	2
7	7-229-563	SEAL	2
8	7-229-564	BALL BEARING	2
9	7-229-565	CIRCLIP	2
10	7-229-566	O-RING	2
11	7-229-567	UNIVERSAL JOINT	2
12	7-229-568	THRUST BUSHING	2
13	7-229-948	BUSHING	2
14	7-229-539	BOLT	20
15	7-229-570	COVER	2
16	7-229-571	PLUG	4
17	7-229-572	GREASE FITTING	4
18	7-229-573	PIVOT PIN (INCLUDES ITEM 17)	2
19	7-229-574	PIVOT PIN (INCLUDES ITEMS 17,20,21)	2
20	7-229-575	SEAL	4
21	7-229-576	ARTICULATION	2
22	7-229-949	STEERING CASE / LH (w/o ITEM 12)	1
23		(NOT USED ON THIS MODEL)	
24	7-229-578	SEAL	2
25	7-229-527	MAGNET PLUG	2
26	7-229-526	PLUG	4
27	7-229-950	STEERING CASE / RH (w/o ITEM 12)	1
28	7-229-951	SEAL	2
29	7-229-583	BEARING	4
30	7-229-692	WHEEL STUD	20
31	7-229-680	WHEEL HUB	2
32	7-229-586	O-RING	2
33	7-229-587	RING GEAR	2
34	7-229-588	RING GEAR SUPPORT	2
35	7-229-589	CIRCLIP	8
36	7-229-590	PLANET GEAR	8
37	7-229-591	BEARING	8
38	7-229-592	WHEEL NUT	20
39		OPTIONAL (NOT USED ON THIS MODEL)	
40	7-229-681	COUNTERSUNK BOLT	4
41	7-229-931	PLANET GEAR CARRIER	2
42	7-229-595	STUD	16
43	7-229-596	NUT	16
44	7-229-597	CIRCLIP	2
45	7-229-823	BOLT	4
46	7-229-599	NUT	4
47		OPTIONAL (NOT USED ON THIS MODEL)	
48		OPTIONAL (NOT USED ON THIS MODEL)	
49	7-229-600	LOCKING PLATE	2
50	7-229-601	CIRCLIP	2

ITEM	NUMBER	DESCRIPTION	REQD
51		OPTIONAL (NOT USED ON THIS MODEL)	
52		OPTIONAL (NOT USED ON THIS MODEL)	
53		(NOT USED ON THIS MODEL)	
54		(NOT USED ON THIS MODEL)	
55		(NOT USED ON THIS MODEL)	
56		(NOT USED ON THIS MODEL)	
57		SHIM / AS REQUIRED (SEE ITEMS 73-75 BELOW)	
58		OPTIONAL (NOT USED ON THIS MODEL)	
59		OPTIONAL (NOT USED ON THIS MODEL)	
60	7-229-930	PLANET GEAR CARRIER ASSY (ITEMS 33-37,41,44)	2
61		(NOT USED ON THIS MODEL)	
62		(NOT USED ON THIS MODEL)	
63		(NOT USED ON THIS MODEL)	
64		OPTIONAL (NOT USED ON THIS MODEL)	
65	7-229-953	STEERING CASE ASSY / LH (ITEMS 22,12)	1
66	7-229-954	STEERING CASE ASSY / RH (ITEMS 27,12)	1
67		OPTIONAL (NOT USED ON THIS MODEL)	
68		(NOT USED ON THIS MODEL)	
69		(NOT USED ON THIS MODEL)	
70		OPTIONAL (NOT USED ON THIS MODEL)	
71		OPTIONAL (NOT USED ON THIS MODEL)	
72	7-229-955	STEERING ADJUST BOLT w/ NUT (ITEMS 45,46)	4
73	7-229-602	SHIM / 0.15mm	AR
74	7-229-603	SHIM / 0.20mm	AR
75	7-229-604	SHIM / 0.50mm	AR



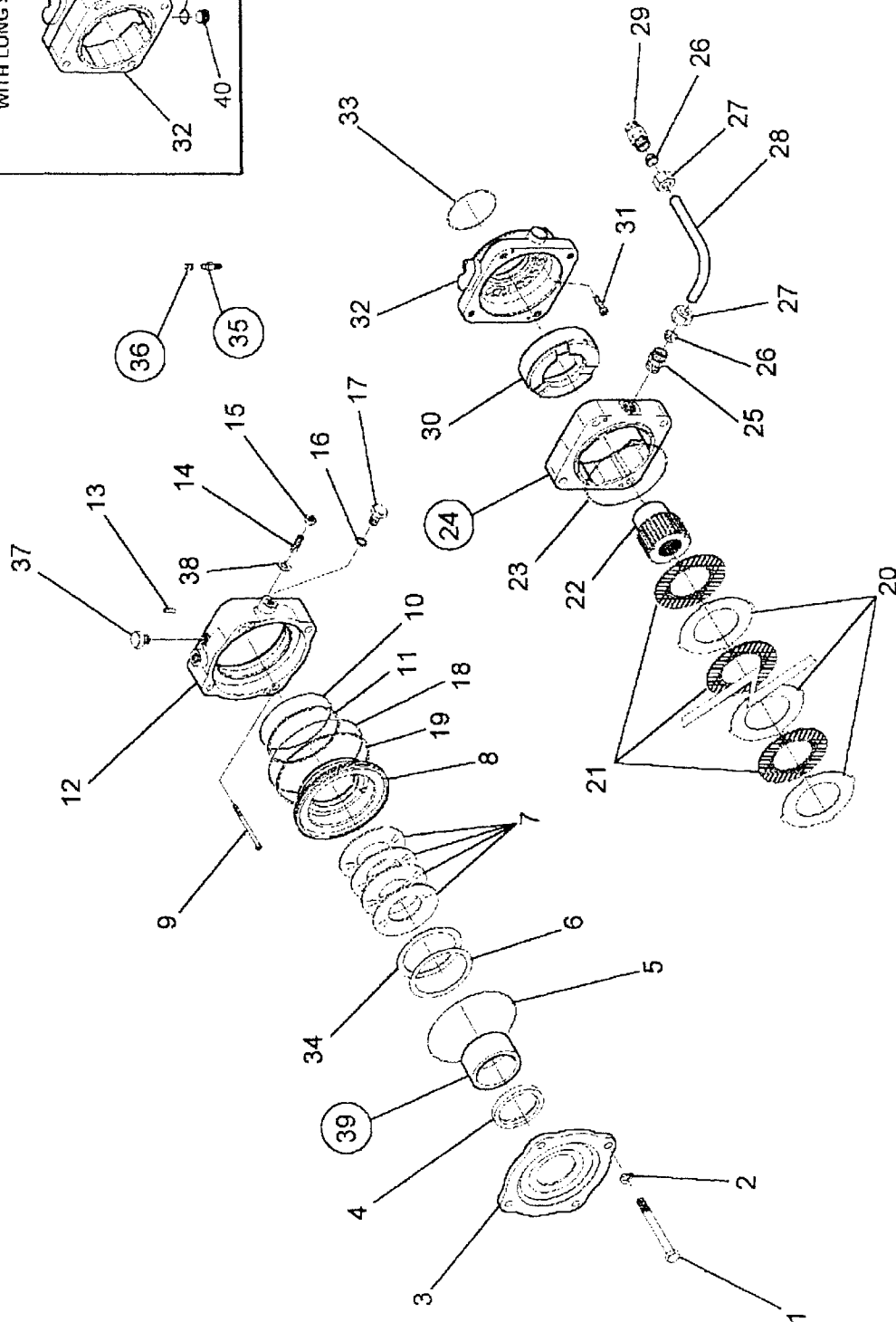
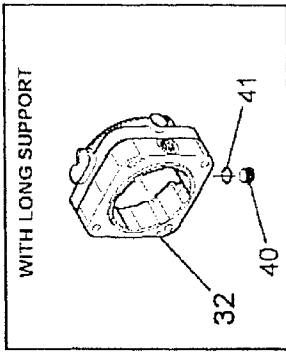
ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-620	REDUCTION BUSHING	4
2	7-229-621	THRUST BUSHING	2
3	7-229-622	SUPPORT	2
4	7-229-572	GREASE FITTING	2
5	7-229-571	PLUG	2
6	7-229-735	SUPPORT ASSEMBLY (INCLUDES ITEMS 1-5)	2
7		(NOT USED ON THIS MODEL)	
8		(NOT USED ON THIS MODEL)	
9		(NOT USED ON THIS MODEL)	
10		(NOT USED ON THIS MODEL)	



14 = Position KIT = 3+4+6+7+8+9

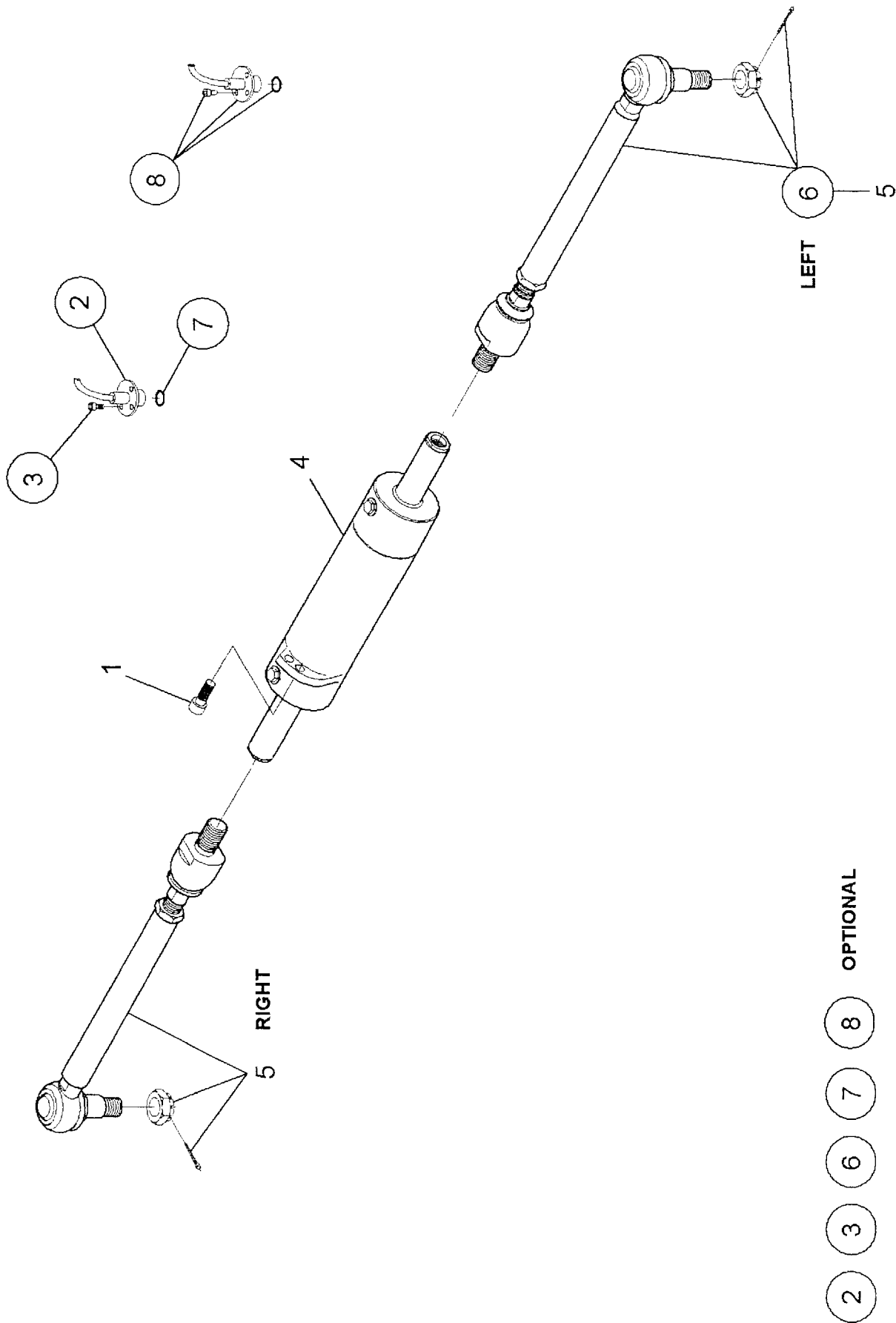
13 15 OPTIONAL

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-605	BRAKE DISC	6
2	7-229-606	ADJUSTING BOLT	6
3	7-229-967	SPRING	6
4	7-229-608	PISTON	2
5	7-229-609	SPRING	6
6	7-229-610	BACK-UP RING	2
7	7-229-611	O-RING	2
8	7-229-612	BACK-UP RING	2
9	7-229-613	O-RING	2
10	7-229-614	INTERMEDIATE BRAKE DISC	8
11	7-229-615	BLEEDING BOLT	2
12	7-229-571	PLUG	2
13	7-229-969	DOWEL	2
14	7-229-617	PISTON ASSEMBLY (INCLUDES ITEMS 3,4,6,7,8,9)	2
15		OPTIONAL (NOT USED ON THIS MODEL)	



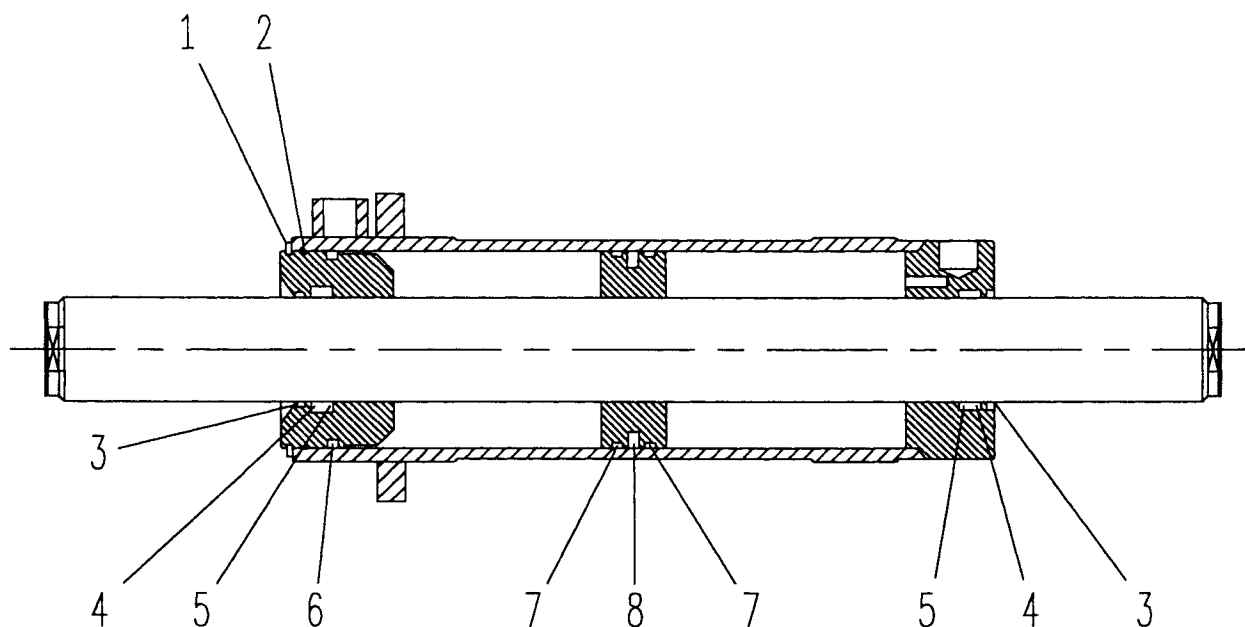
(24) (35) (36) (39) OPTIONAL

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-684	HEXAGON BOLT	4
2	7-229-630	SPRING WASHER	4
3	7-229-631	COVER	1
4	7-229-632	SEAL	1
5	7-229-633	O-RING	1
6	7-229-634	FRICTION WASHER	1
7	7-229-635	SPRING	4
8	7-229-636	PISTON	1
9		(NOT USED ON THIS MODEL)	
10	7-229-638	BACK-UP RING	1
11	7-229-639	O-RING	1
12	7-229-640	COVER	1
13	7-229-641	DOWEL	1
14	7-229-642	BOLT	2
15	7-229-643	NUT	2
16	7-229-644	SEAL WASHER	3
17	7-229-645	BOLT	3
18	7-229-646	O-RING	1
19	7-229-647	BACK-UP RING	1
20	7-229-648	INTERMEDIATE BRAKE DISC	12
21	7-229-649	BRAKE DISC	11
22	7-229-685	SELECTOR	1
23	7-229-651	RING	1
24		OPTIONAL (NOT USED ON THIS MODEL)	
25	7-229-653	ADAPTOR	1
26	7-229-654	ADAPTOR	2
27	7-229-655	ADAPTOR	2
28	7-229-686	TUBE	1
29	7-229-657	ADAPTOR	1
30	7-229-687	SPACER	1
31	7-229-688	CYLINDER BOLT	18
32	7-229-689	COVER	1
33	7-229-661	O-RING	1
34		SHIM / SEE ITEMS 42-45 BELOW	
35		OPTIONAL (NOT USED ON THIS MODEL)	
36		OPTIONAL (NOT USED ON THIS MODEL)	
37	7-229-666	PLUG	1
38	7-229-667	WASHER	2
39	7-229-668	SPACER	1
40	7-229-526	PLUG	1
41		(NOT USED ON THIS MODEL)	
42	7-229-662	SHIM / 0.10mm	AR
43	7-229-663	SHIM / 0.20mm	AR
44	7-229-664	SHIM / 0.50mm	AR
45	7-229-665	SHIM / 0.15mm	AR



2 3 6 7 8 OPTIONAL

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-618	CYLINDER BOLT	4
2		OPTIONAL (NOT USED ON THIS MODEL)	
3		OPTIONAL (NOT USED ON THIS MODEL)	
4	7-229-619	CYLINDER	1
5	7-229-669	ARTICULATED TIE ROD / LH & RH	2
6		OPTIONAL (NOT USED ON THIS MODEL)	
7		OPTIONAL (NOT USED ON THIS MODEL)	
8		OPTIONAL (NOT USED ON THIS MODEL)	



ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-511	SNAP RING	1
2	7-229-512	STOP RING	2
3	7-229-513	WIPER	2
4	7-229-514	SEAL	2
5	7-229-515	BACK-UP RING	2
6	7-229-516	WEAR RING	1
7	7-229-517	PISTON WEAR RING	2
8	7-229-518	PISTON SEAL	1
9	7-900-88	SEAL KIT (ITEMS 1-8)	1