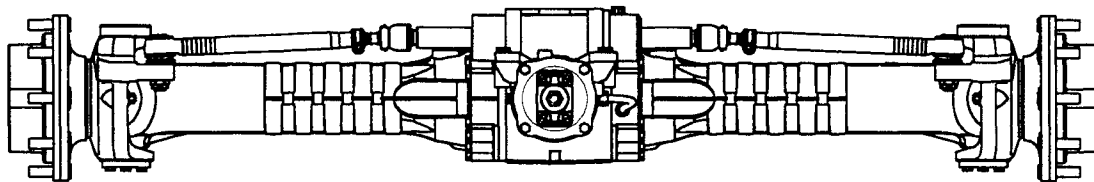


FRONT AXLE PARTS BOOK TH636C TH644C TH842C TH844C



DATE: 11-14-00
SPICER CLARK-HURTH 212/239 AXLE
7-229-619 STEERING CYLINDER
DIFFERENTIAL LOCK

TEREX HANDLERS

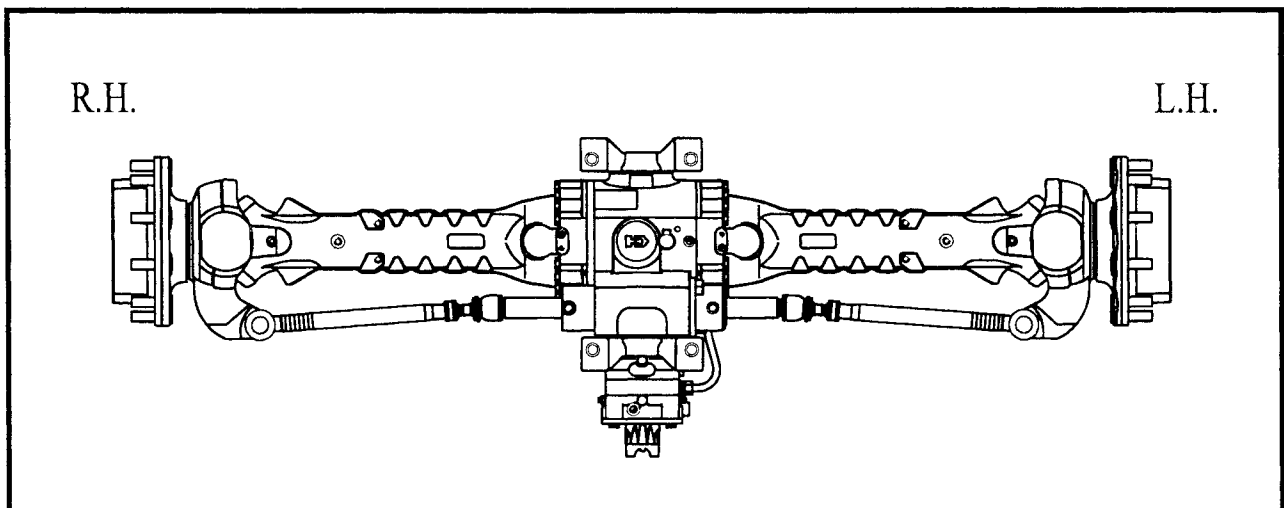
455 N. Superior Ave., Baraga, MI 49908-0248

PH: (906) 353-6675; FAX: (906) 353-7543

INTERNET: <http://www.sqshooter.com>

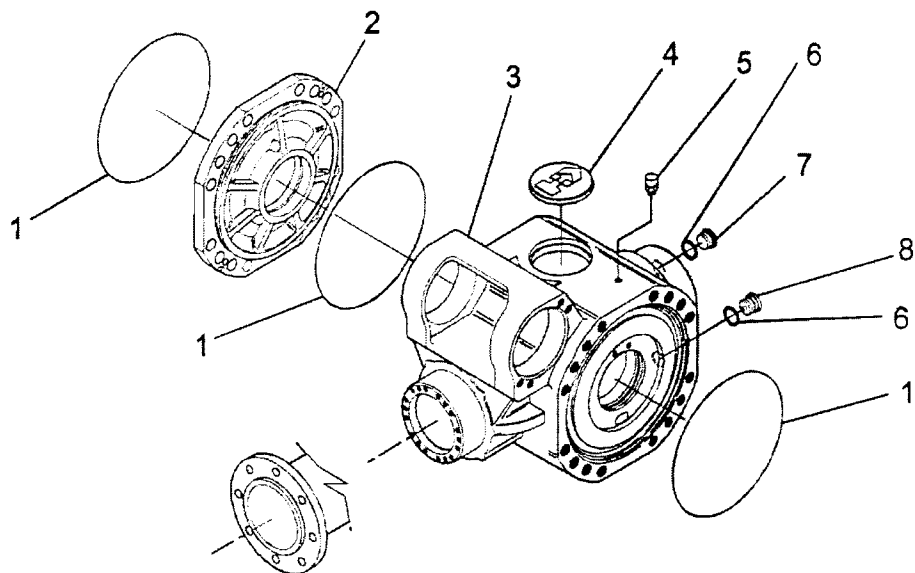
AXLE PARTS ORDERING GUIDE

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

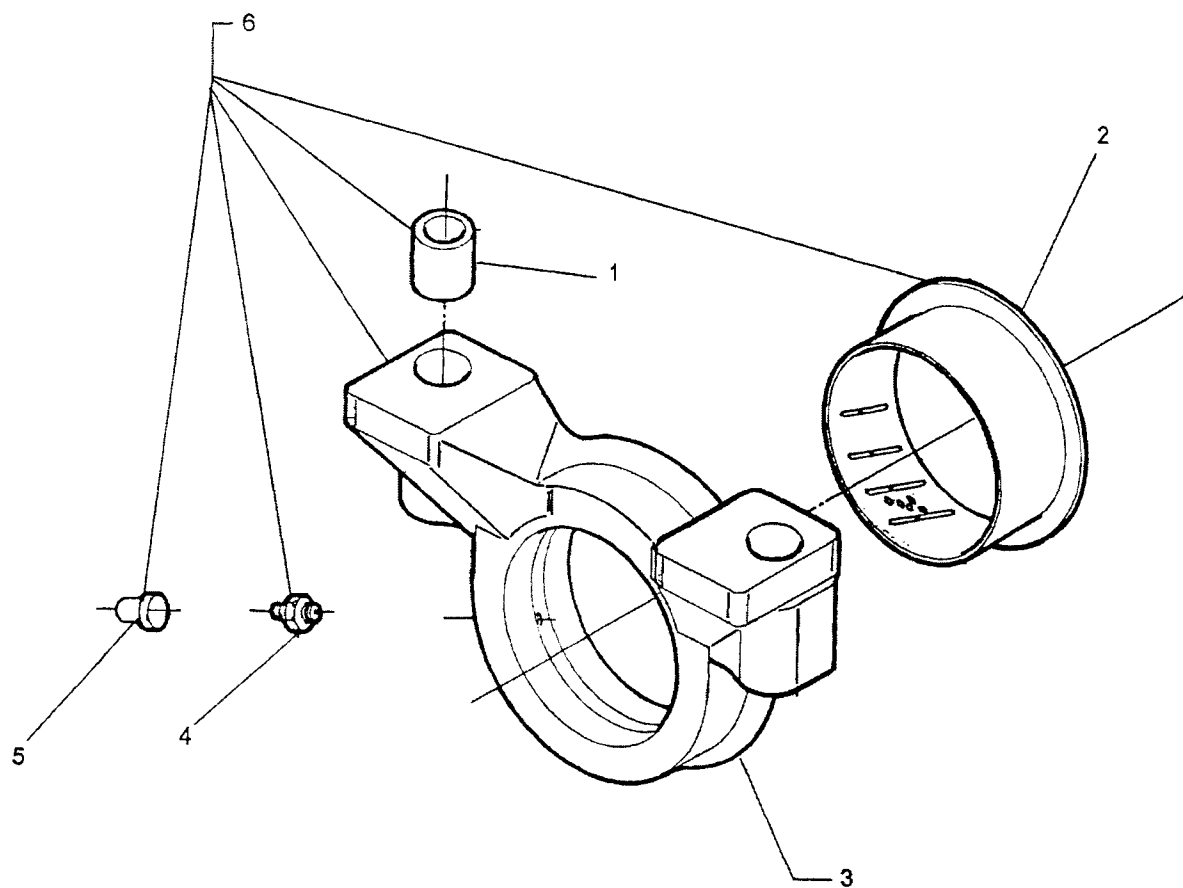


INDEX

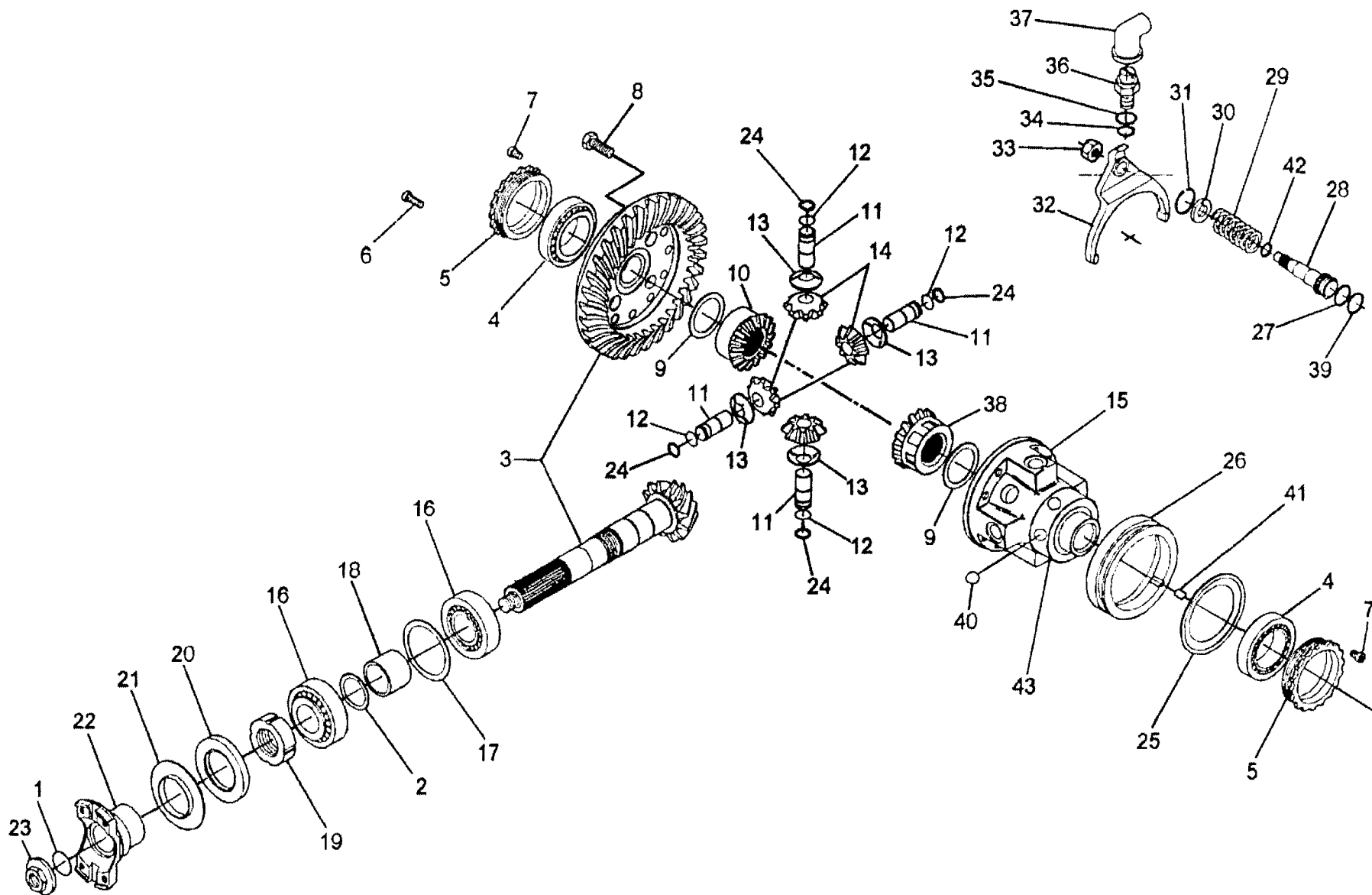
PAGE	DESCRIPTION	DRAWING
1	GEAR BOX & COVERS	P1-1395
2	TRUNNION MOUNT ASSEMBLY	P1-1258
3	DIFFERENTIAL ASSEMBLY	P1-1396
4	STEERING AXLE ASSEMBLY	P1-1297
5	DISC BRAKE ASSEMBLY	P1-1267
6	PARKING BRAKE ASSEMBLY	P1-1298
7	STEERING ARMS ASSEMBLY	P1-1268
8	STEERING CYLINDER ASSEMBLY	P1-1269



ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-520	O-RING	3
2	7-229-521	INTERMEDIATE COVER	1
3	7-229-715	HOUSING	1
4	7-229-523	COVER	1
5	7-229-524	VENT	1
6	7-229-525	SEAL WASHER	2
7	7-229-526	PLUG	1
8	7-229-527	MAGNETIC PLUG	1

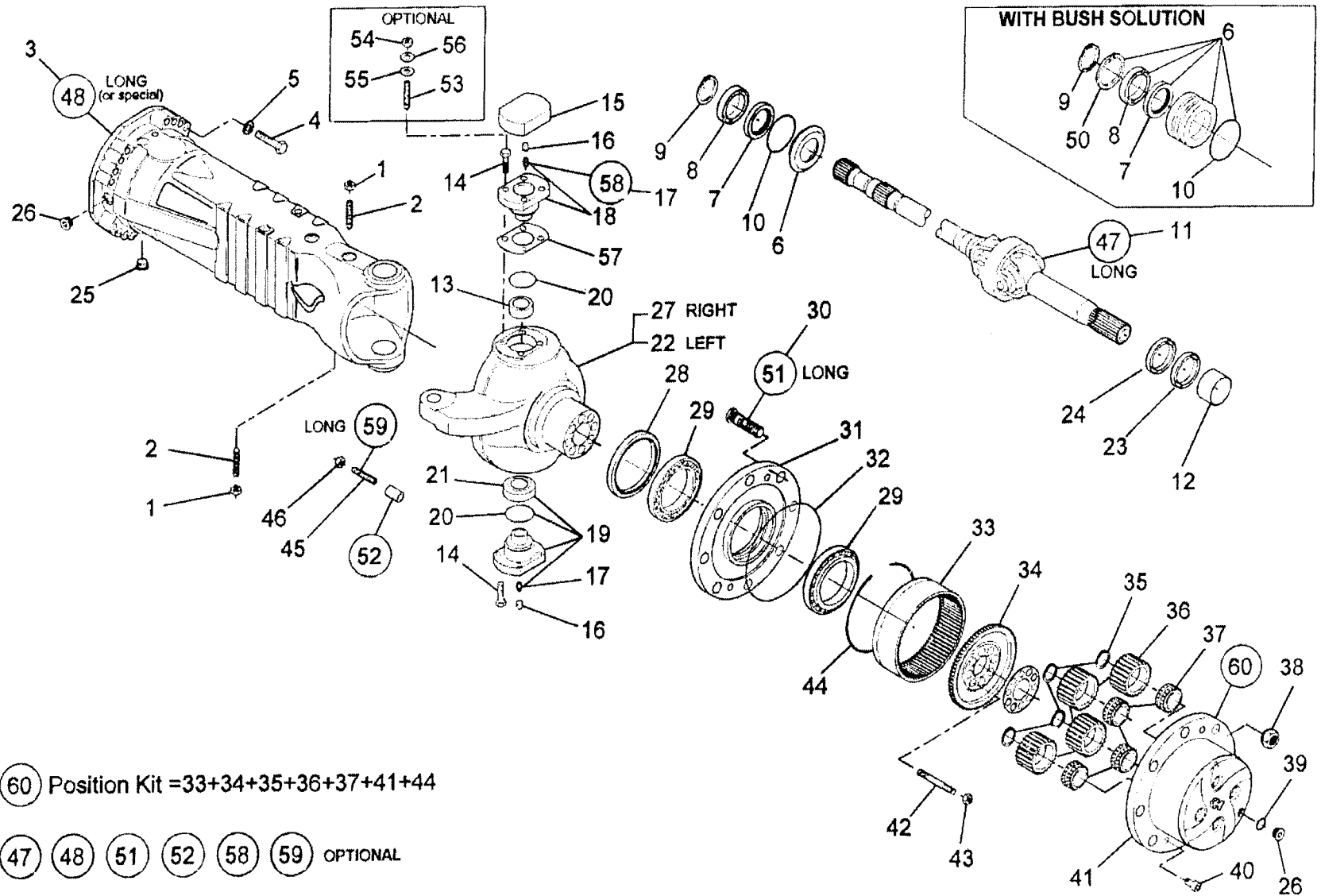


ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-620	REDUCTION BUSHING	4
2	7-229-621	THRUST BUSHING	2
3	7-229-622	SUPPORT	2
4	7-229-572	GREASE FITTING	2
5	7-229-571	PLUG	2
6	7-229-735	SUPPORT ASSEMBLY (INCL. ITEMS 1-5)	2



Position Kit N° 43 = 9+10+11+12+13+14+15+24+38

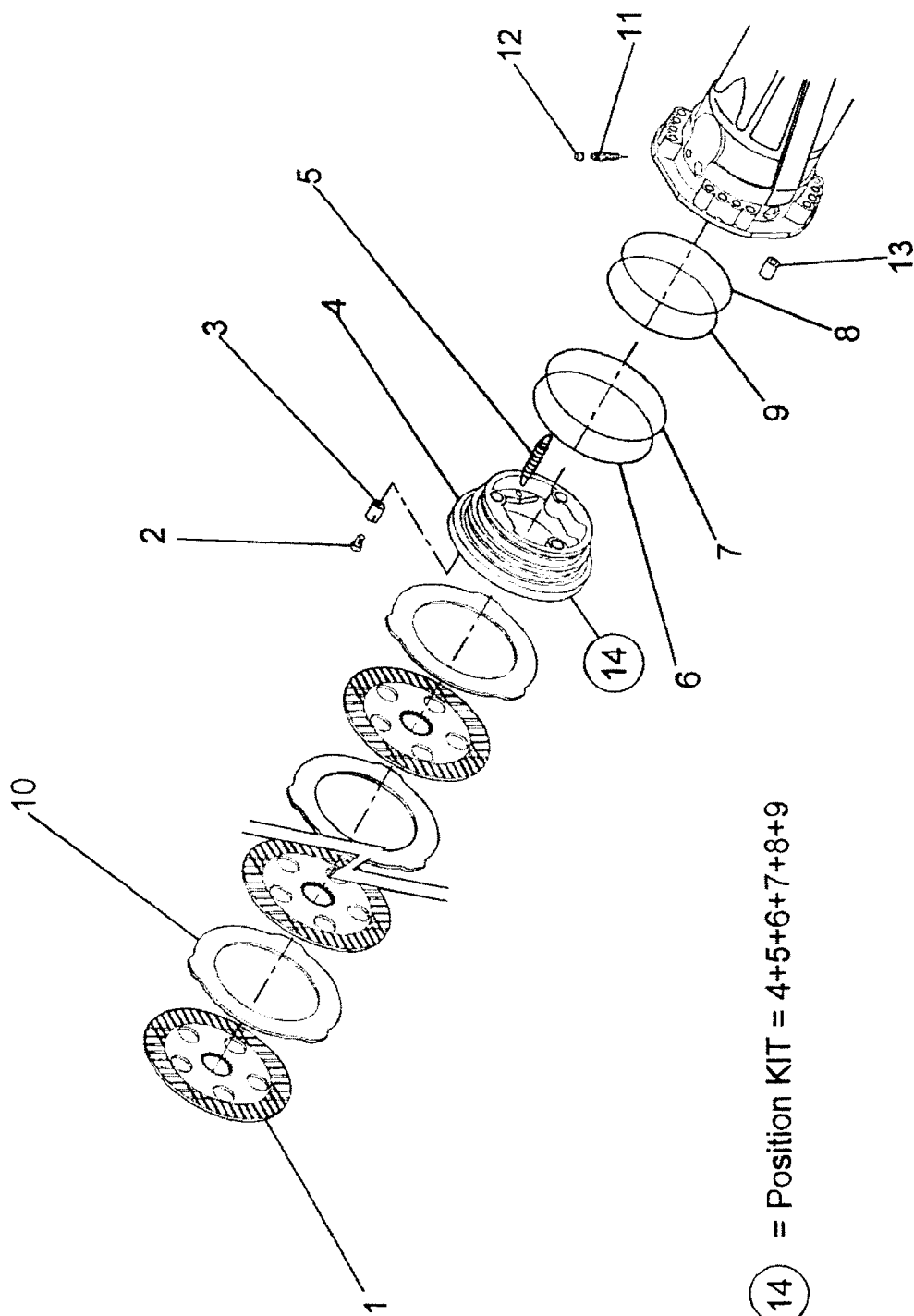
ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-528	O-RING	1
2		SHIM / SEE ITEMS 44-48 BELOW	
3	7-229-676	BEVEL GEAR SET	1
4	7-229-535	TAPER ROLLER BEARING	2
5	7-229-536	RING NUT	2
6	7-229-537	CYLINDER BOLT	4
7	7-229-538	CYLINDER BOLT	2
8	7-229-691	BOLT	12
9	7-229-540	FRICTION WASHER	2
10	7-229-541	DIFFERENTIAL SIDE GEAR / RH	1
11	7-229-542	PIN	4
12	7-229-543	CIRCLIP	4
13	7-229-544	FRICTION WASHER	4
14	7-229-545	DIFFERENTIAL PINION	4
15	7-229-716	DIFFERENTIAL CARRIER	1
16	7-229-547	TAPER ROLLER BEARING	2
17		SHIM / SEE ITEMS 49-52 BELOW	
18	7-229-549	SPACER	1
19	7-229-550	RING NUT	1
20		NOT USED (see Parking Brake Assembly)	
21		NOT USED (see Parking Brake Assembly)	
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	7-229-728	SECURITY SWITCH	1
37	7-229-729	BOOT	1
38	7-229-927	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	7-229-734	DIFFERENTIAL ASSY (INCL. ITEMS 9-15,24,38)	1
44	7-229-529	SHIM / 0.10mm	AR
45	7-229-530	SHIM / 0.15mm	AR
46	7-229-531	SHIM / 0.20mm	AR
47	7-229-532	SHIM / 0.40mm	AR
48	7-229-533	SHIM / 0.50mm	AR
49	7-229-548	SHIM / 0.20mm	AR
50	7-229-557	SHIM / 0.30mm	AR
51	7-229-558	SHIM / 0.15mm	AR
52	7-229-559	SHIM / 0.10mm	AR



ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-623	NUT	2
2	7-229-624	STEERING ADJUST BOLT	2
3	7-229-677	AXLE CASE	2
4	7-229-560	BOLT	32
5	7-229-561	WASHER	32
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	7-229-569	OUTER RACE	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	2
18	7-229-573	PIVOT PIN	2
19	7-229-574	PIVOT PIN	2
20	7-229-575	SEAL	2
21	7-229-576	ARTICULATION	2
22	7-229-678	STEERING CASE / LH	1
23	7-229-578	SEAL	2
24	7-229-579	DUST EXCLUDER	2
25	7-229-580	MAGNET PLUG	2
26	7-229-526	PLUG	3
27	7-229-679	STEERING CASE / RH	1
28	7-229-582	SEAL	2
29	7-229-583	BEARING	20
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	7-229-525	SEAL WASHER	5
40	7-229-681	COUNTERSUNK BOLT	4
41	7-229-682	PLANET GEAR CARRIER	2
42	7-229-595	STUD	16
43	7-229-596	NUT	16
44	7-229-597	CIRCLIP	2
45	7-229-598	ADJUSTING BOLT	2
46	7-229-599	NUT	2
47			
48			
49	7-229-600	LOCKING PLATE	2
50	7-229-601	CIRCLIP	2

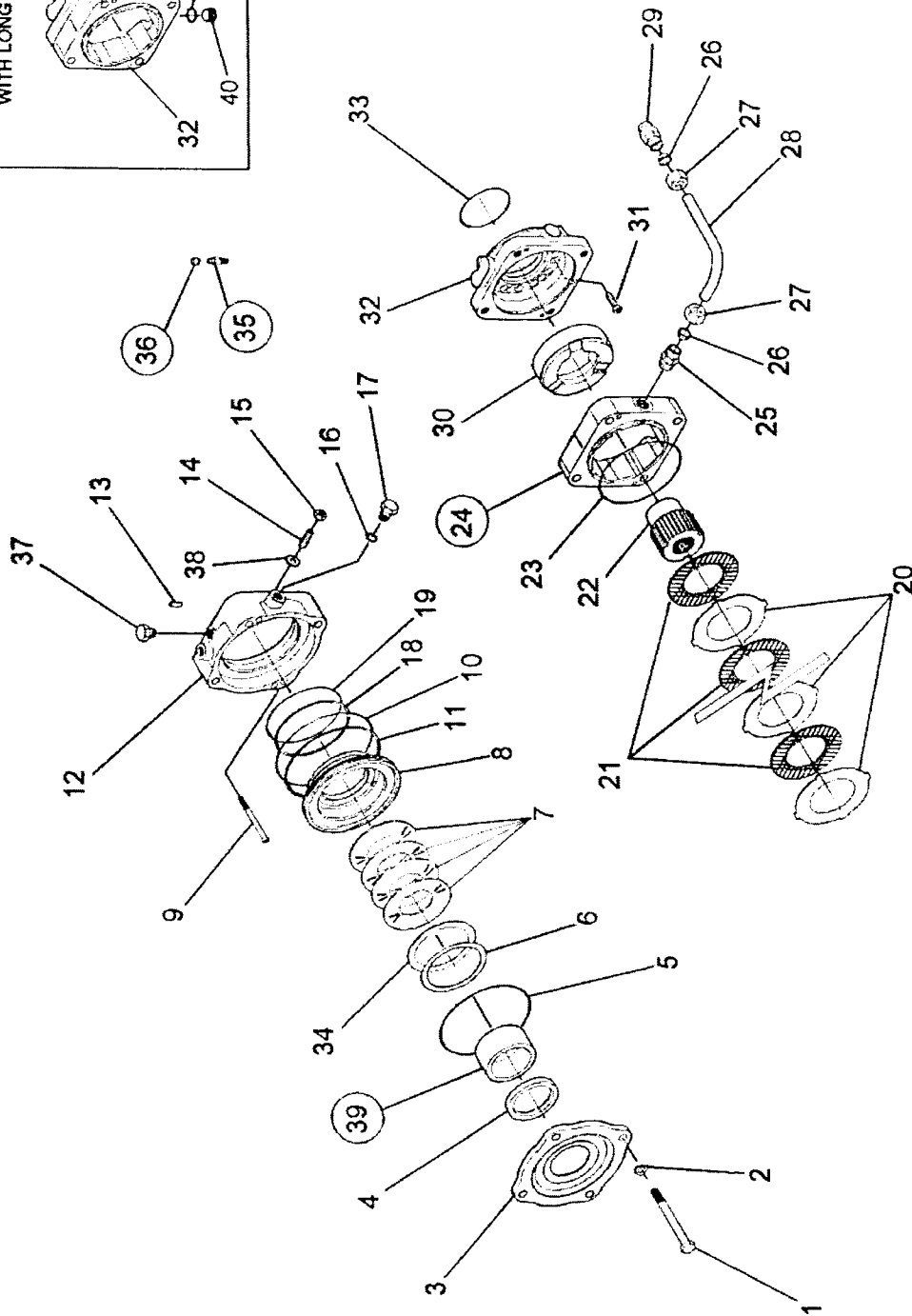
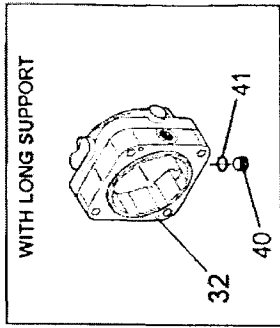
ITEM	NUMBER	DESCRIPTION	REQD
51			
52			
53			
54			
55			
56			
57		SHIM / SEE ITEMS 61-63 BELOW	
58			
59			
60	7-229-683	PLANET GEAR CARRIER ASSY(ITEMS 33-37,41,44) 2	
61	7-229-602	SHIM / 0.15mm	AR
62	7-229-603	SHIM / 0.20mm	AR
63	7-229-604	SHIM / 0.50mm	AR

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



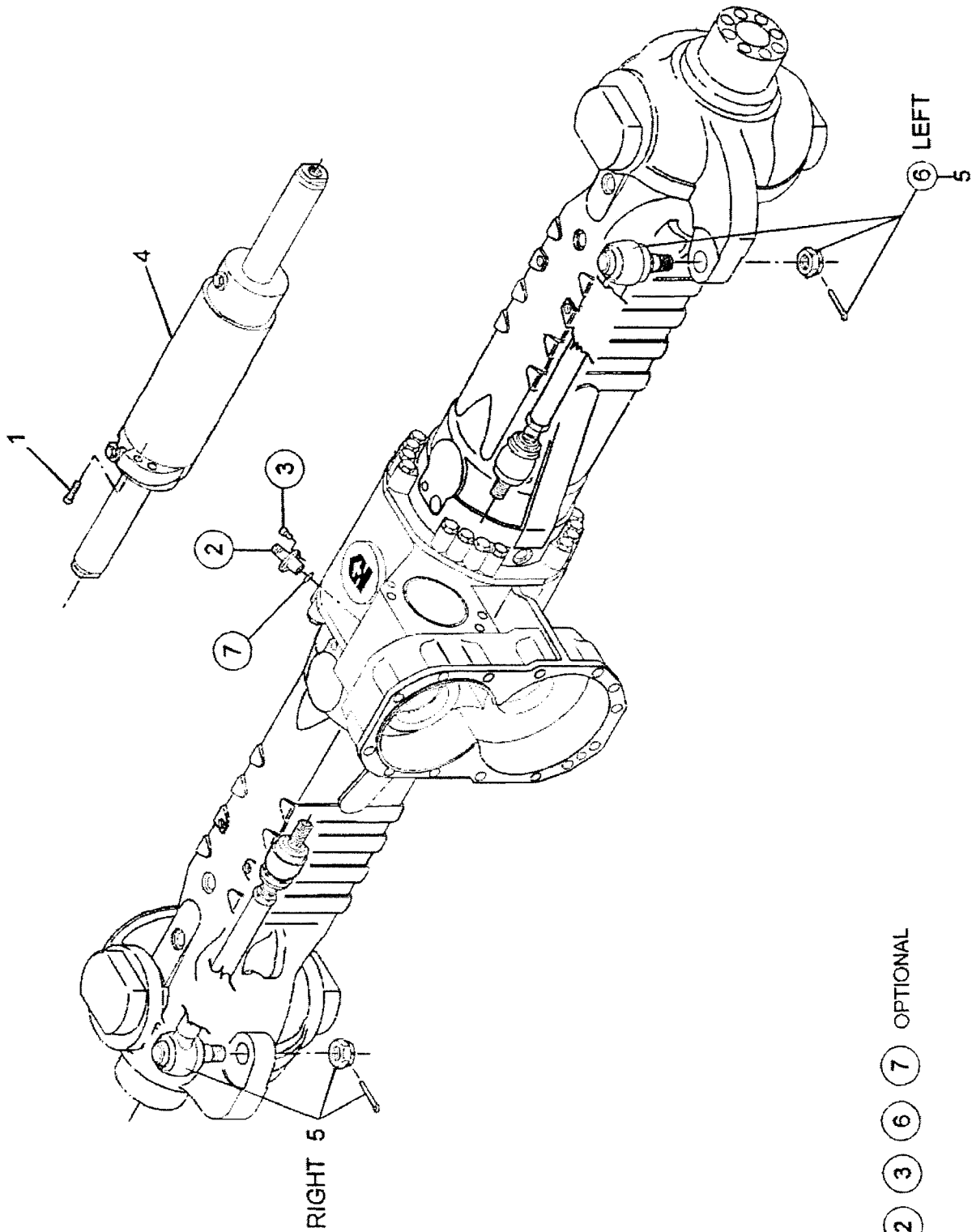
⑭ = Position KIT = 4+5+6+7+8+9

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-605	BRAKE DISC	6
2	7-229-606	ADJUSTING BOLT	6
3	7-229-607	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	7-229-616	DOWEL	2
14	7-229-617	PISTON	2



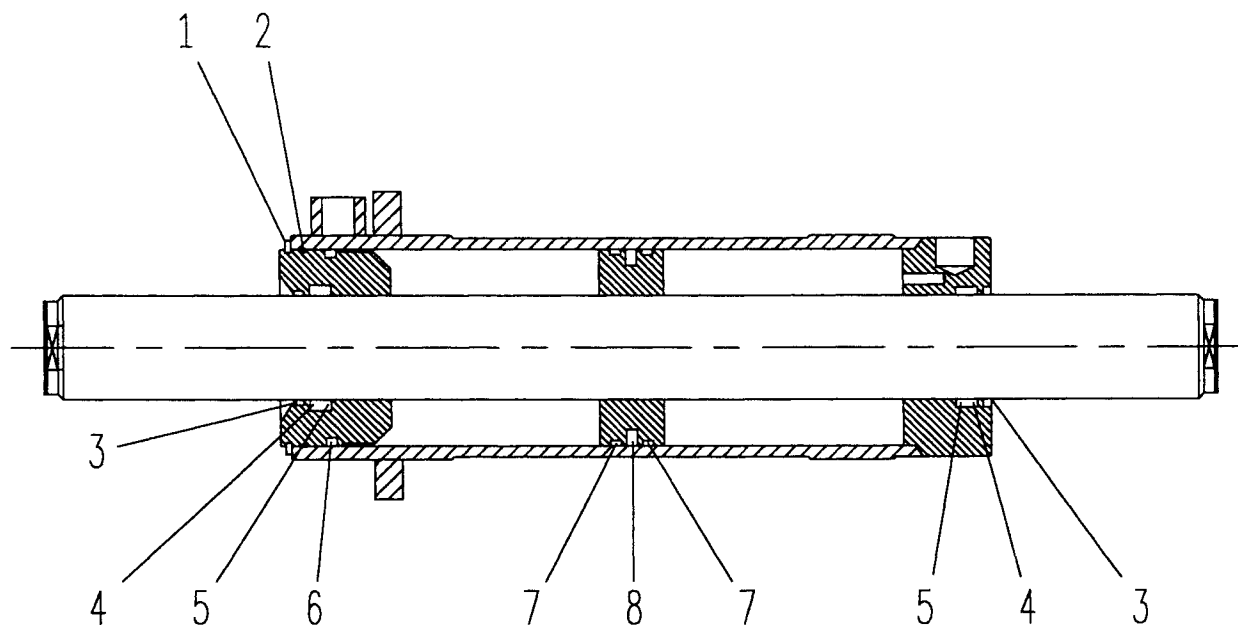
(24) (35) (36) (39) OPTIONAL

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			
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			
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			
36			
37	7-229-666	PLUG	1
38	7-229-667	WASHER	2
39	7-229-668	SPACER	1
40	7-229-690	PLUG	1
41	7-229-525	SEAL WASHER	1
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 OPTIONAL

ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-618	CYLINDER BOLT	4
2			
3			
4	7-229-619	CYLINDER	1
5	7-229-669	ARTICULATED TIE ROD / LH & RH	2



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