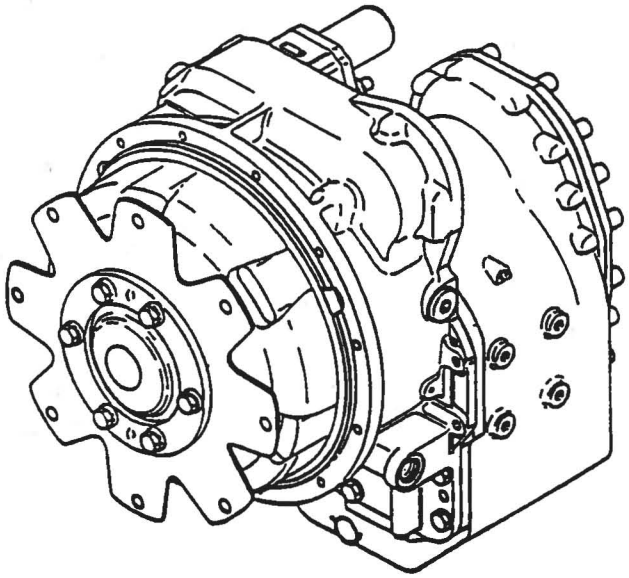
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T4

TRANSMISSION PARTS BOOK TH1048C & TH1056C



DATE: 10-20-01

CLARK T20000 SERIES

ELECTRIC SHIFT

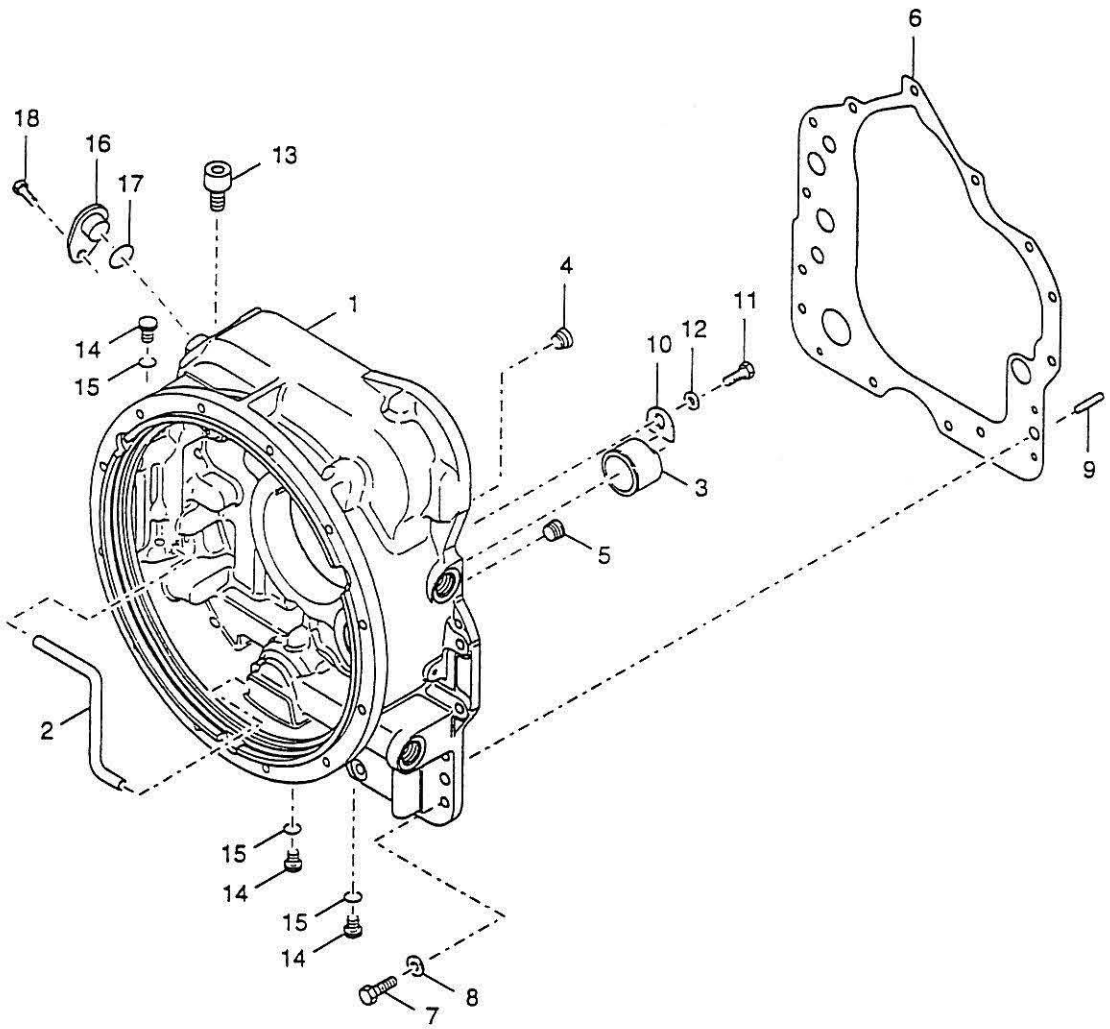
INTERMEDIATE DROP

w/o DISC BRAKE

TEREX HANDLERS
455 N. Superior Ave., Baraga, MI 49908-0248
PH: (906) 353-6675; FAX: (906) 353-7543
INTERNET: http://www.sqshooter.com

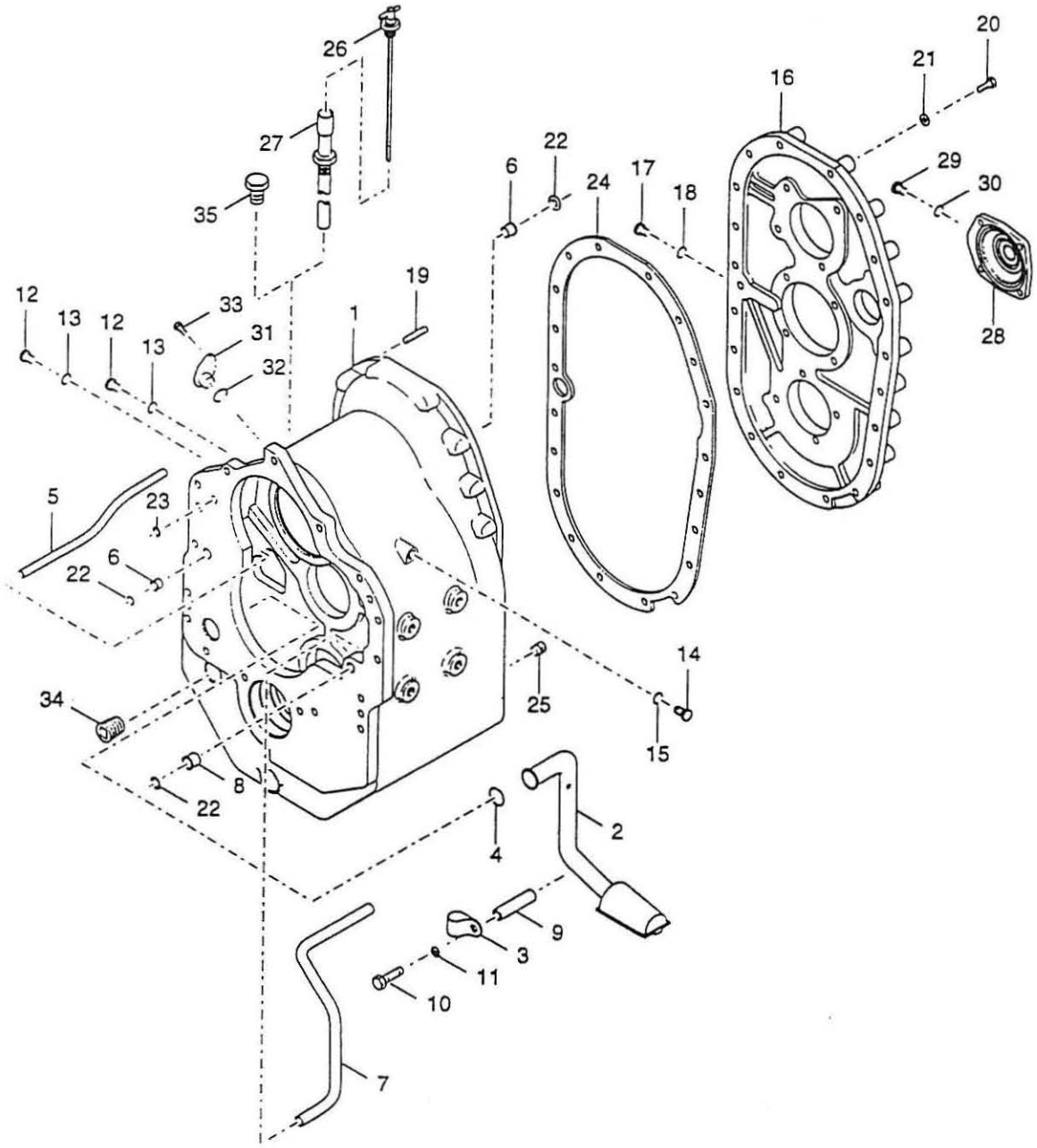
INDEX

PAGE	DESCRIPTION	DRAWING
1	CONVERTER HOUSING GROUP	P1-1373
2	TRANSMISSION CASE & COVER GROUP	P1-1374
3	TURBINE SHAFT GROUP	P1-1523
4	DRIVE PLATE GROUP	P1-1376
5	TORQUE CONVERTER GROUP	P1-1377
6	GEAR GROUP	P1-1378
7	AUXILIARY PUMP DRIVE GROUP	P1-1524
8	PUMP DRIVE GROUP	P1-1380
9	FORWARD SHAFT GROUP	P1-1525
10	REVERSE & 2nd SHAFT GROUP	P1-1526
11	REVERSE IDLER GROUP	P1-1383
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13	3rd SHAFT CLUTCH GROUP	P1-1385
14	OUTPUT SHAFT GROUP	P1-1386
15	CHARGING PUMP & FILTER GROUP	P1-1527
16	ELECTRONIC CONTROL VALVE ASSEMBLY	P1-1329
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18	MODULAR VALVE ASSEMBLY	P1-1529



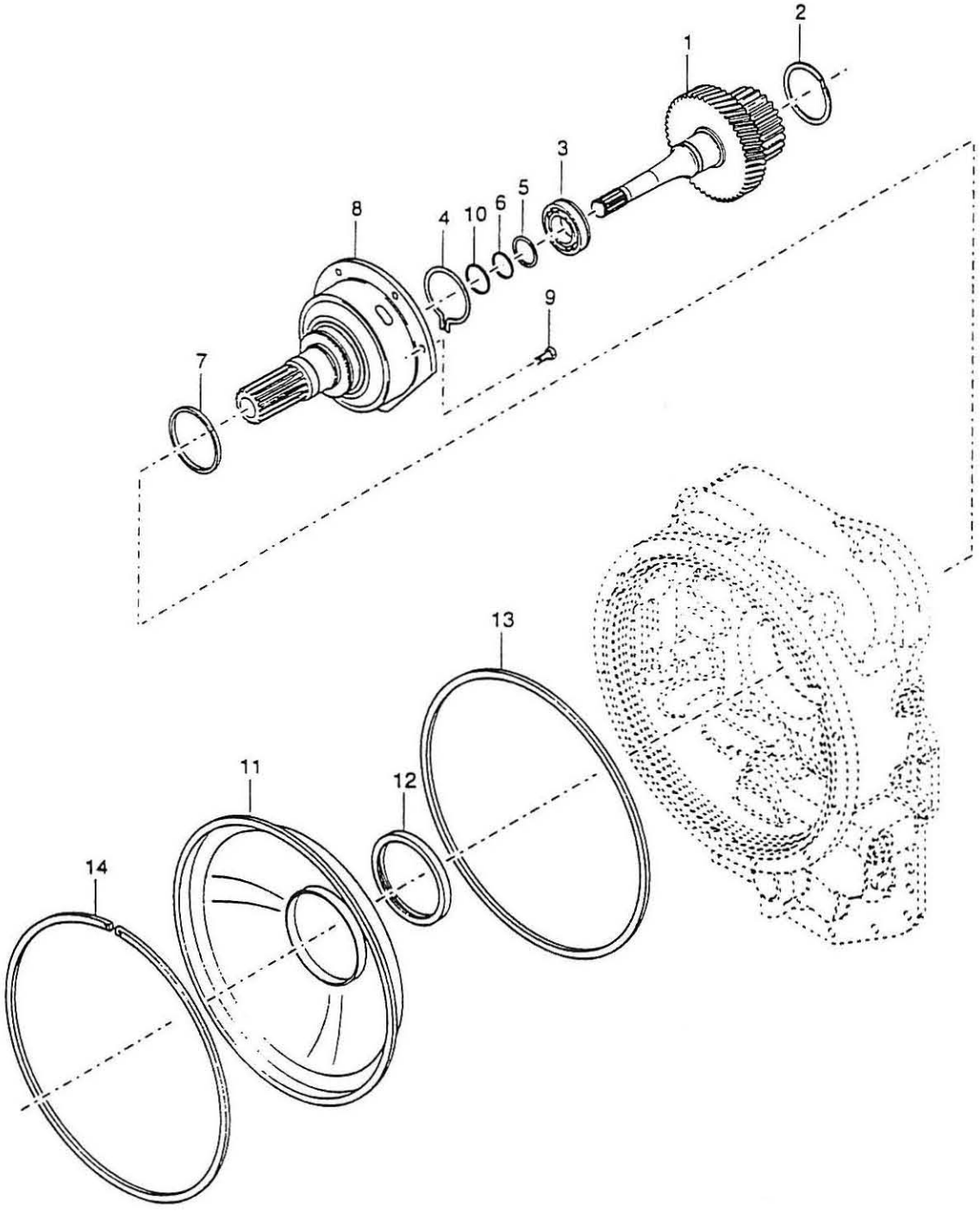
1	PAGE NUMBER	CONVERTER HOUSING GROUP T20000 ELECTRIC SHIFT TRANSMISSION	DRAWING NUMBER	P1-1373

ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-608	CONVERTER HOUSING ASSY (INCL. ITEM 2)	1
2	7-126-609	TUBE	1
3	7-126-610	SLEEVE	1
4	7-126-07	PIPE PLUG	1
5	7-126-08	PIPE PLUG	1
6	7-126-611	GASKET	1
7	7-126-533	SCREW	16
8	7-126-10	LOCKWASHER	16
9	7-126-612	PIN	1
10	7-126-613	CLIP	1
11	7-126-15	SCREW	1
12	7-126-14	LOCKWASHER	1
13	7-126-05	BREATHER	1
14	7-126-528	PLUG (INCLUDES ITEM 15)	3
15	7-126-614	O-RING	3
16	7-126-404	PLUG	1
17	7-126-356	O-RING	1
18	7-126-405	SCREW	1

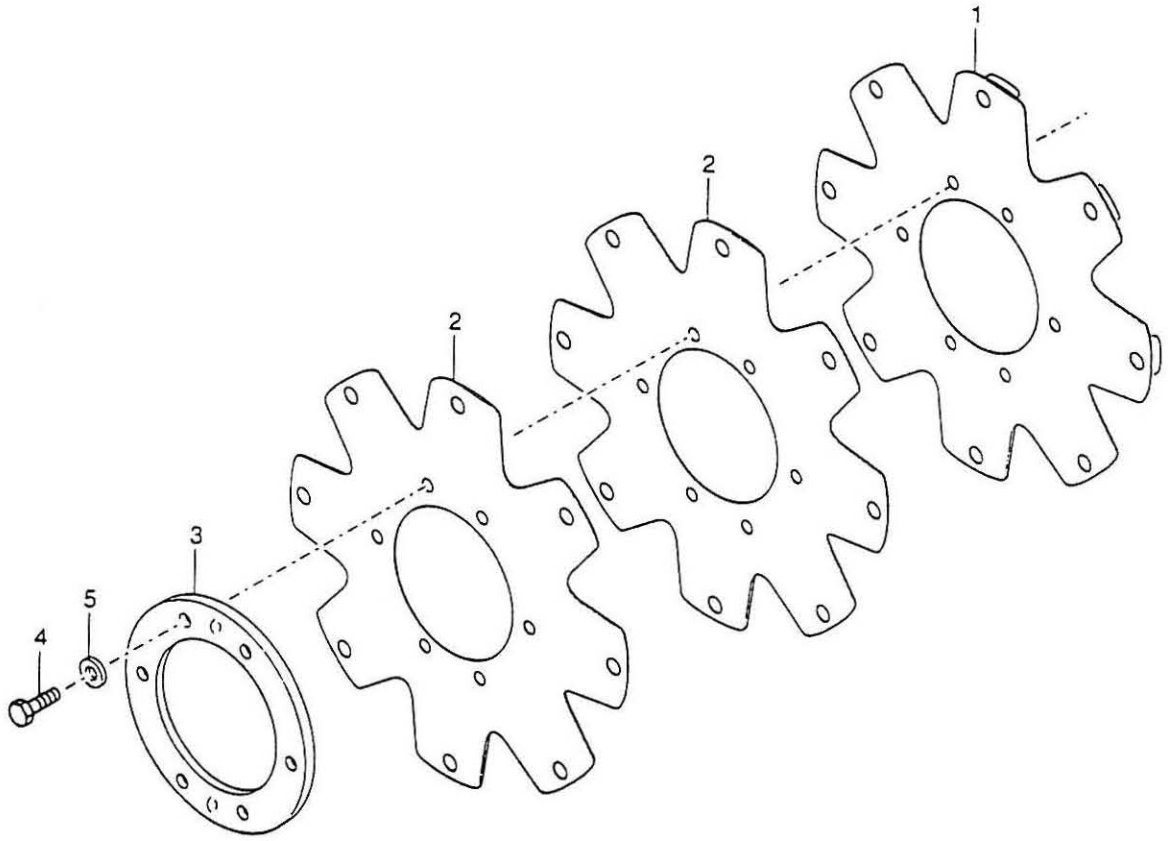


2 PAGE NUMBER	TRANSMISSION CASE & COVER GROUP T20000 ELECTRIC SHIFT TRANSMISSION	DRAWING NUMBER P1-1374

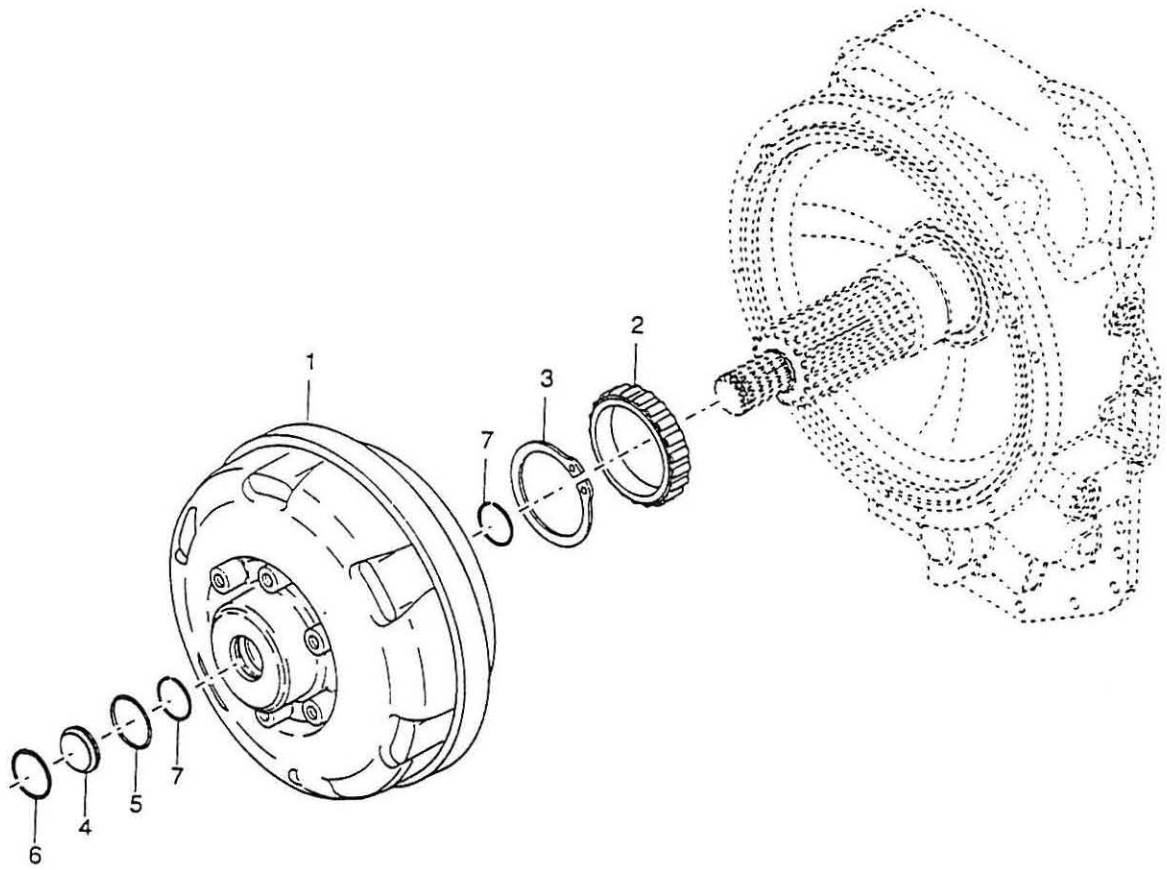
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-615	TRANSMISSION CASE ASSY (INCL. ITEMS 2-11)	1
2	7-126-616	SUCTION TUBE ASSY (INCLUDES ITEM 3)	1
3	7-126-617	CLIP	1
4	7-126-618	O-RING	1
5	7-126-23	TUBE	1
6	7-126-21	SLEEVE	2
7	7-126-619	TUBE	1
8	7-126-41	SLEEVE	1
9	7-126-620	SPACER	1
10	7-126-621	SCREW	1
11	7-126-10	LOCKWASHER	1
12	7-126-528	PLUG (INCLUDES ITEM 13)	2
13	7-126-614	O-RING	2
14	7-126-593	PLUG (INCLUDES ITEM 15)	1
15	7-126-594	O-RING	1
16	7-126-622	REAR COVER & PLUG ASSY. (INCL. ITEM 17)	1
17	7-126-528	PLUG (INCLUDES ITEM 18)	1
18	7-126-614	O-RING	1
19	7-126-623	PIN	2
20	7-126-624	SCREW	20
21	7-126-10	LOCKWASHER	20
22	7-126-20	O-RING	3
23	7-126-22	O-RING	2
24	7-126-625	GASKET	1
25	7-126-33	MAGNETIC PLUG	2
26	7-126-271	DIPSTICK	1
27	7-126-270	DIPSTICK TUBE ASSEMBLY	1
28	7-126-626	BEARING CAP ASSEMBLY (INCL. ITEM 29)	1
29	7-126-528	PLUG (INCLUDES ITEM 30)	1
30	7-126-614	O-RING	1
31	7-126-404	PLUG	1
32	7-126-356	O-RING	1
33	7-126-405	SCREW	1
34	7-126-627	PLUG	1
35		NOT USED ON THIS MODEL	


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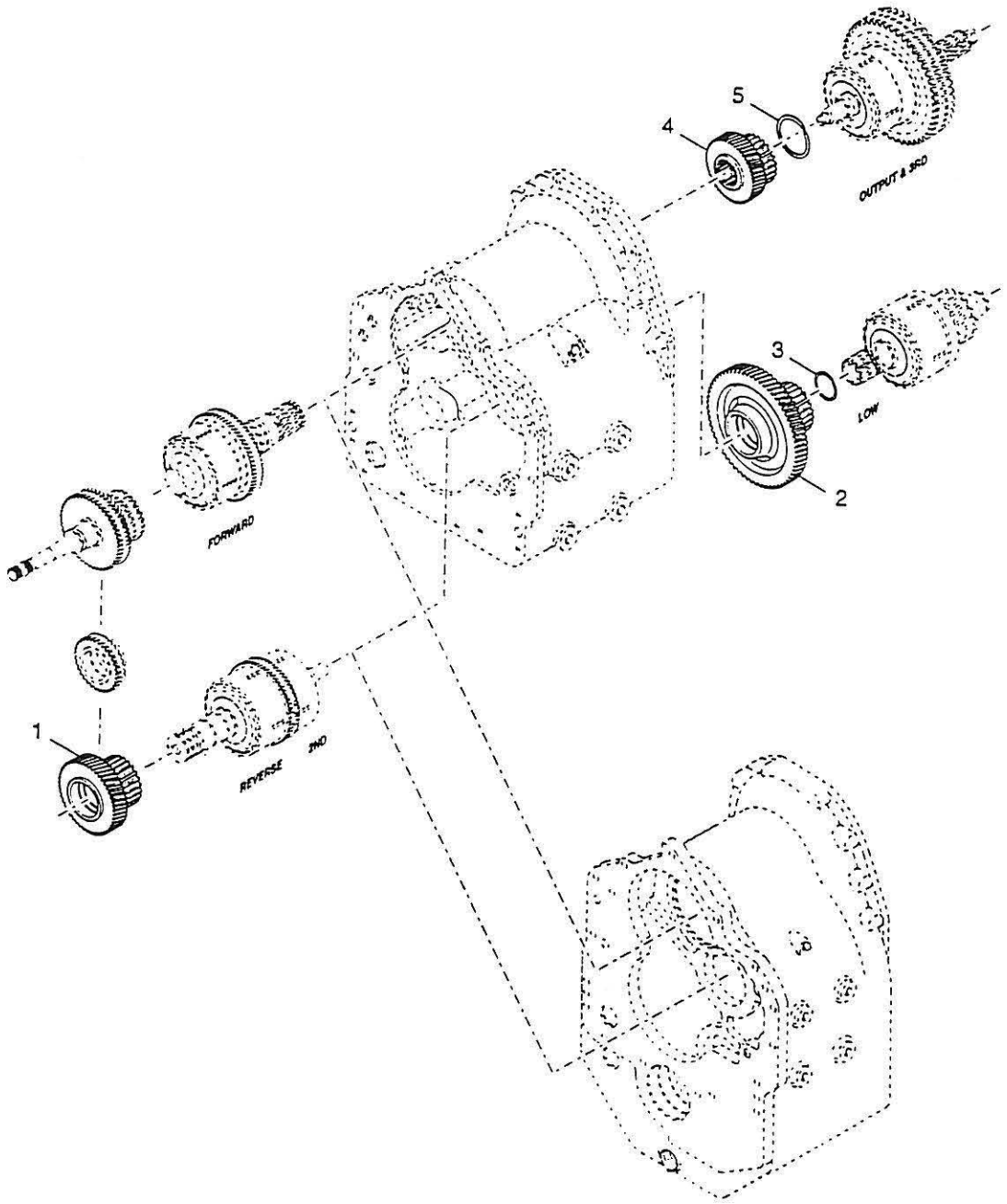
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-628	TURBINE ASSEMBLY (INCL. ITEM 2)	1
2	7-126-45	RETAINING RING	1
3	7-126-629	BEARING	1
4	7-126-51	SNAP RING	1
5	7-126-48	WASHER	1
6	7-126-49	RING	1
7	7-126-630	PISTON RING	1
8	7-126-631	SUPPORT	1
9	7-126-632	SCREW	6
10	7-126-633	PISTON RING	1
11	7-126-676	OIL BAFFLE & SEAL ASSY (INCL. ITEM 12)	1
12	7-126-539	SEAL	1
13	7-126-667	RING	1
14	7-126-668	RING	1



ITEM	NUMBER	DESCRIPTION	REQD
1	N.S.S.	DRIVE PLATE ASSEMBLY (INCL. IN ITEM 6)	1
2	N.S.S.	DRIVE PLATE (INCL. IN ITEM 6)	2
3	7-126-635	RING	1
4	7-126-636	SCREW	6
5	7-126-391	LOCKWASHER	6
6	7-126-637	DRIVE PLATE KIT (INCL. ITEMS 1-5)	1

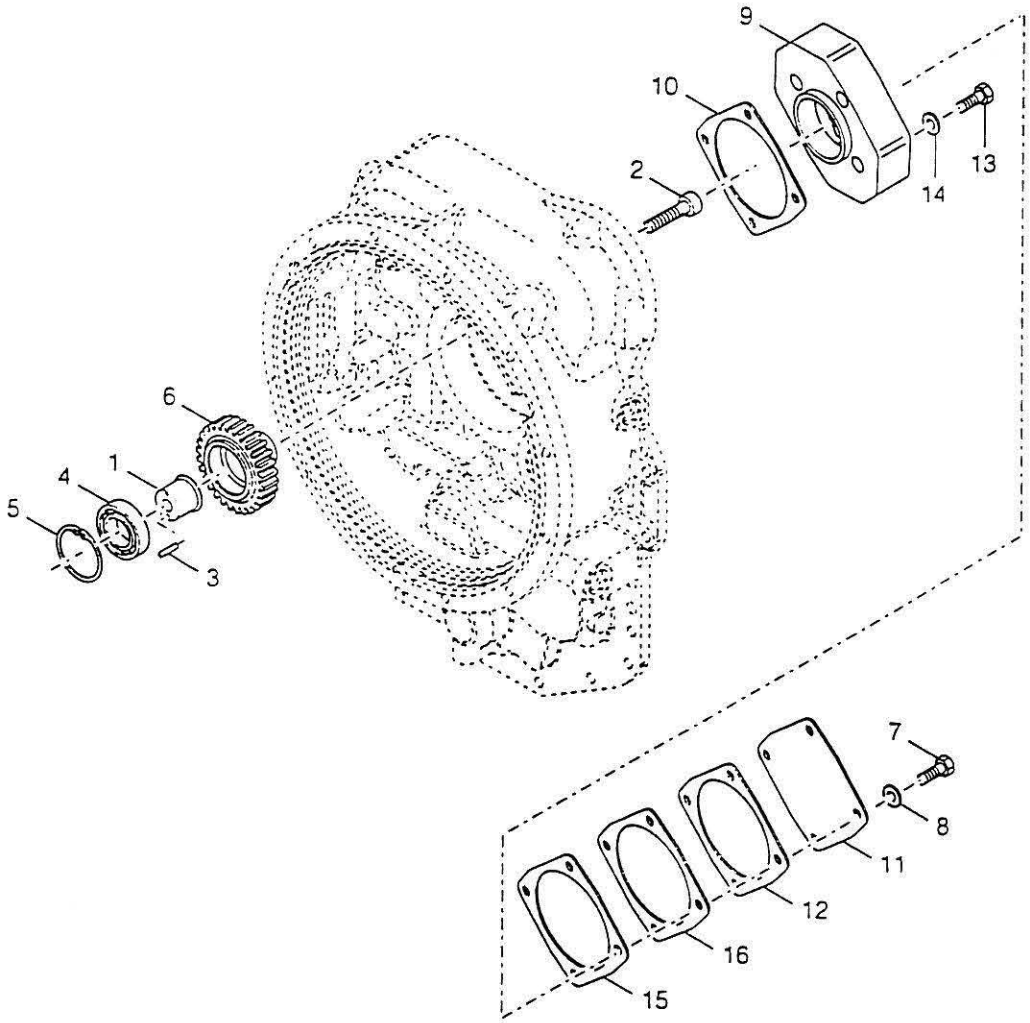


ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-638	TORQUE CONVERTER ASSEMBLY	1
2	7-126-540	BEARING	1
3	7-126-639	RING	1
4	7-126-234	PLUG	1
5	7-126-233	O-RING	1
6	7-126-277	RING	1
7	7-126-640	RING	2

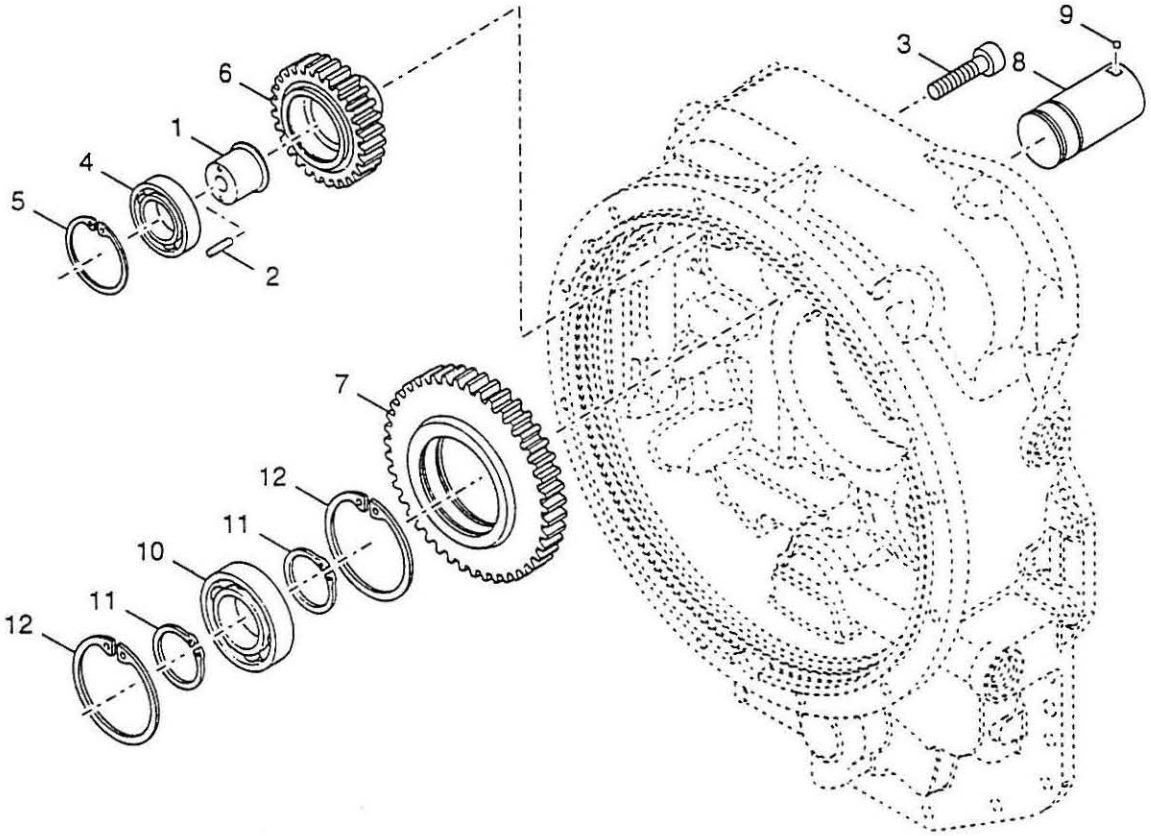


ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-641	REVERSE CLUTCH GEAR	1
2	7-126-578	LOW CLUTCH GEAR ASSY (INCL. ITEM 3)	1
3	7-126-45	RING	1
4	7-126-318	3rd CLUTCH GEAR ASSY (INCL. ITEM 5)	1
5	7-126-45	RING	1

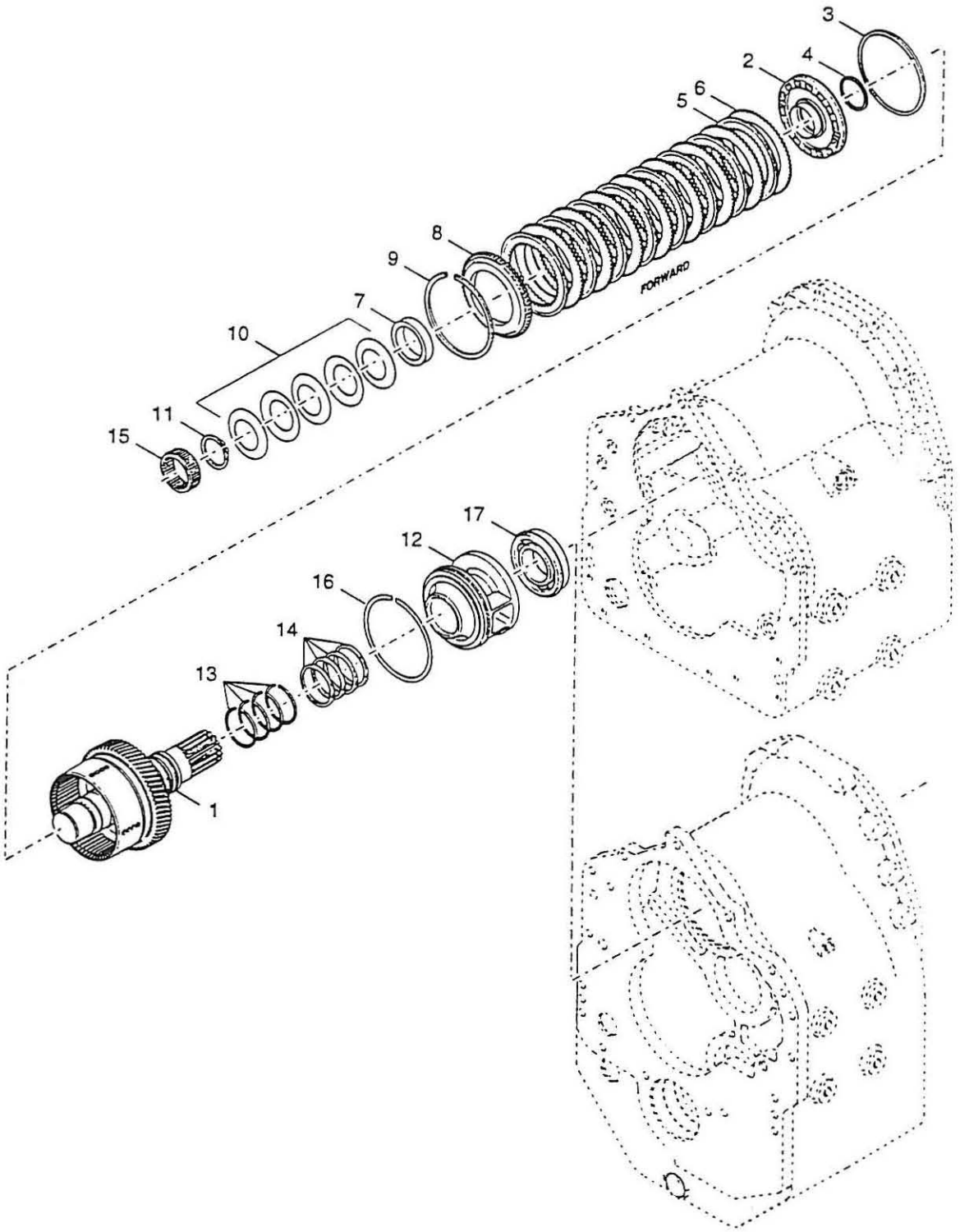
NOTES



ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-642	BEARING SUPPORT	1
2	7-126-643	SCREW	1
3	7-126-644	PIN	1
4	7-126-440	BEARING	1
5	7-126-280	RING	1
6	7-126-645	GEAR	1
7	7-126-519	SCREW	4
8	7-126-215	LOCKWASHER	4
9	7-126-646	ADAPTOR	1
10	7-126-647	GASKET	1
11	7-126-648	COVER	1
12	7-126-649	GASKET	1
13	7-126-555	SCREW	4
14	7-126-554	LOCKWASHER	4
15	7-126-650	GASKET	1
16	7-126-651	PLATE	1

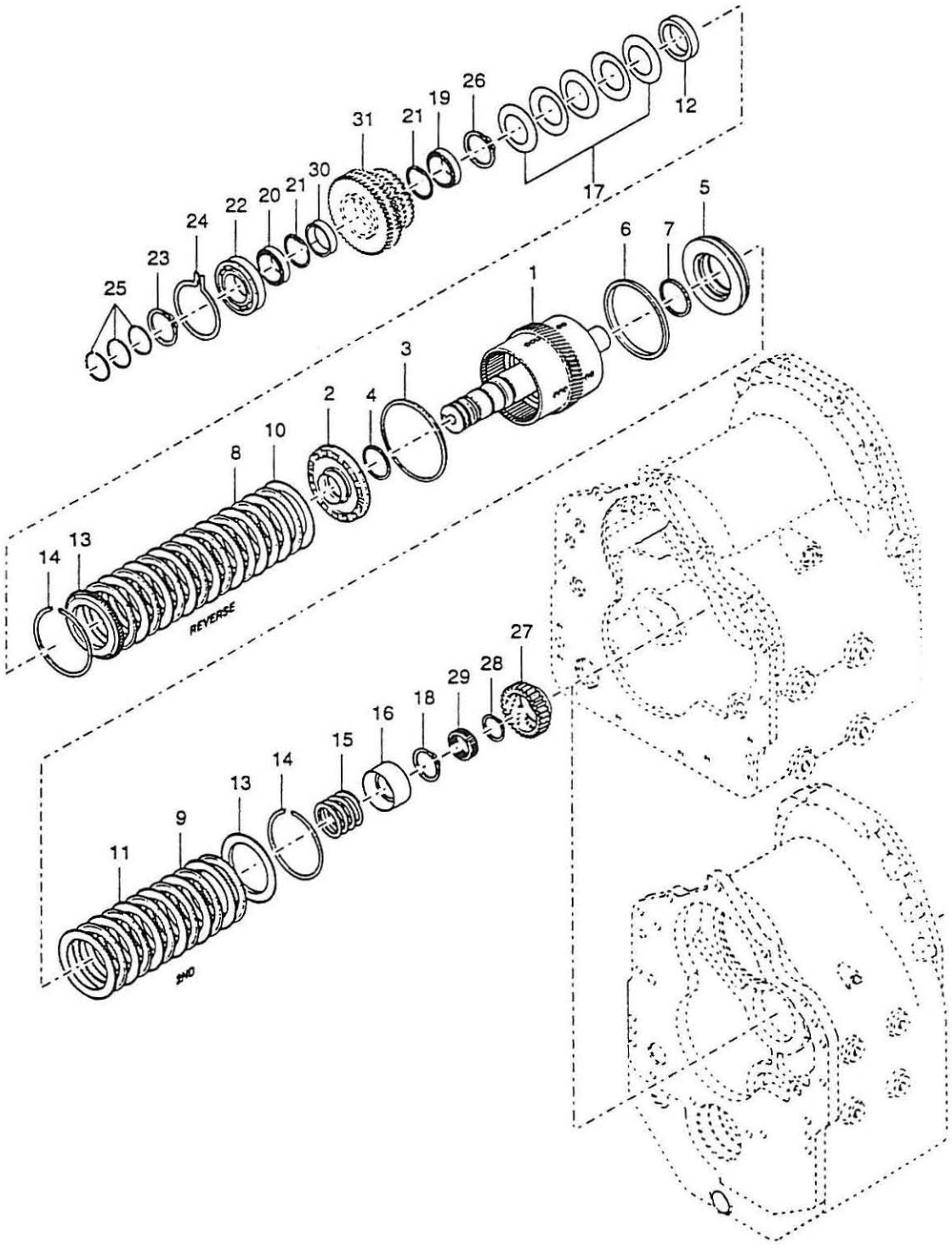


ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-642	BEARING SUPPORT	1
2	7-126-644	PIN	1
3	7-126-643	SCREW	1
4	7-126-440	BEARING	1
5	7-126-280	RING	1
6	7-126-652	DRIVE GEAR	1
7	7-126-653	IDLER GEAR	1
8	7-126-561	SHAFT	1
9	7-126-208	BALL	1
10	7-126-654	BEARING	1
11	7-126-203	LOCATING RING	2
12	7-126-163	RETAINING RING	2



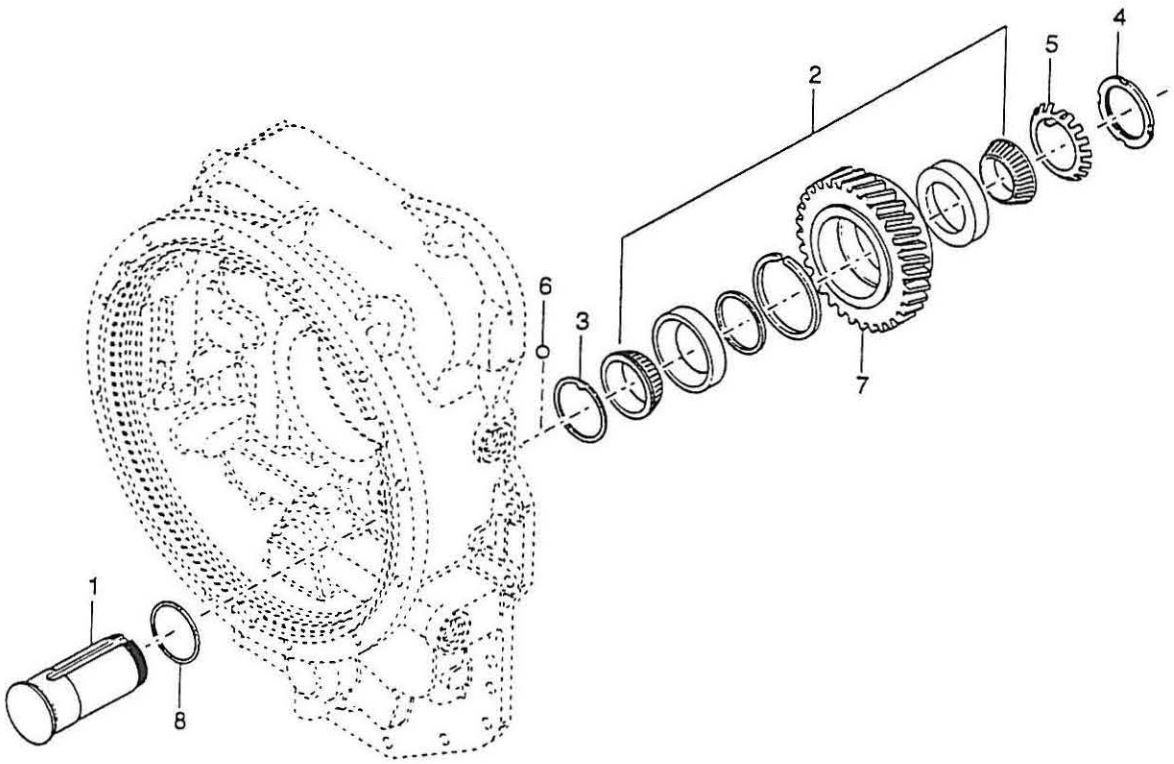
9 PAGE NUMBER	FORWARD SHAFT GROUP T20000 ELECTRIC SHIFT TRANSMISSION	DRAWING NUMBER	P1-1525

ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-571	FORWARD SHAFT, DRUM, & PLUG ASSY	1
2	7-126-679	CLUTCH PISTON & SEALS ASSY(INCL. 3 & 4)	1
3	7-126-145	SEAL	1
4	7-126-144	SEAL	1
5	7-126-148	INNER DISC	8
6	7-126-147	OUTER DISC	8
7	7-126-183	SPACER	1
8	7-126-149	PLATE	1
9	7-126-150	SNAP RING	1
10	7-126-566	DISC SPRING ASSY (INCL. 5 WASHERS)	1
11	7-126-181	SNAP RING	1
12	7-126-199	SLEEVE	1
13	7-126-55	SPRING	4
14	7-126-572	RING	4
15	7-126-195	BEARING	1
16	7-126-198	RING	1
17	7-126-200	BEARING	1



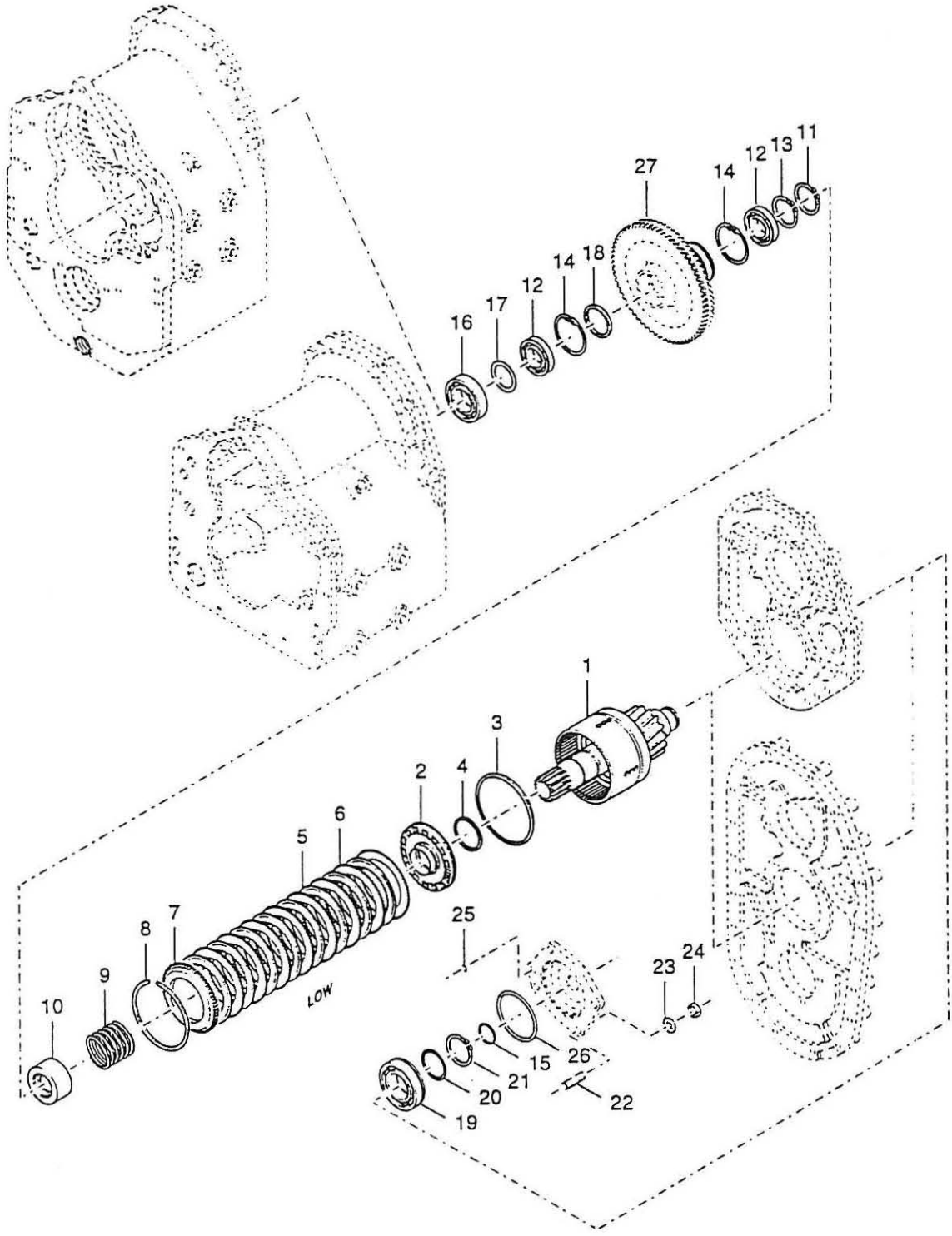
10	PAGE NUMBER	REVERSE & 2nd SHAFT GROUP T20000 ELECTRIC SHIFT TRANSMISSION	DRAWING NUMBER	P1-1526

ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-678	REV. & 2nd SHAFT, DRUM, & PLUG ASSY	1
2	7-126-679	CLUTCH PISTON & SEALS ASSY(INCL. 3 & 4)	1
3	7-126-145	SEAL	1
4	7-126-144	SEAL	1
5	7-126-568	CLUTCH PISTON & SEALS ASSY(INCL. 5 & 6)	1
6	7-126-145	SEAL	1
7	7-126-144	SEAL	1
8	7-126-148	INNER DISC	8
9	7-126-148	INNER DISC	6
10	7-126-147	OUTER DISC	8
11	7-126-147	OUTER DISC	6
12	7-126-183	SPACER	1
13	7-126-149	PLATE	2
14	7-126-150	SNAP RING	2
15	7-126-151	SPRING	1
16	7-126-152	RETAINER	1
17	7-126-566	DISC SPRING ASSY (INCL. 5 WASHERS)	1
18	7-126-153	SNAP RING	1
19	7-126-180	BEARING	1
20	7-126-177	BEARING	1
21	7-126-178	RING	2
22	7-126-176	BEARING	1
23	7-126-565	RETAINING RING	1
24	7-126-175	SNAP RING	1
25	7-126-564	RING	3
26	7-126-181	SNAP RING	1
27	7-126-569	HUB	1
28	7-126-165	RETAINING RING	1
29	7-126-154	BEARING	1
30	7-126-656	SPACER	1
31	7-126-641	REVERSE CLUTCH GEAR(SEE GEAR GROUP)	1



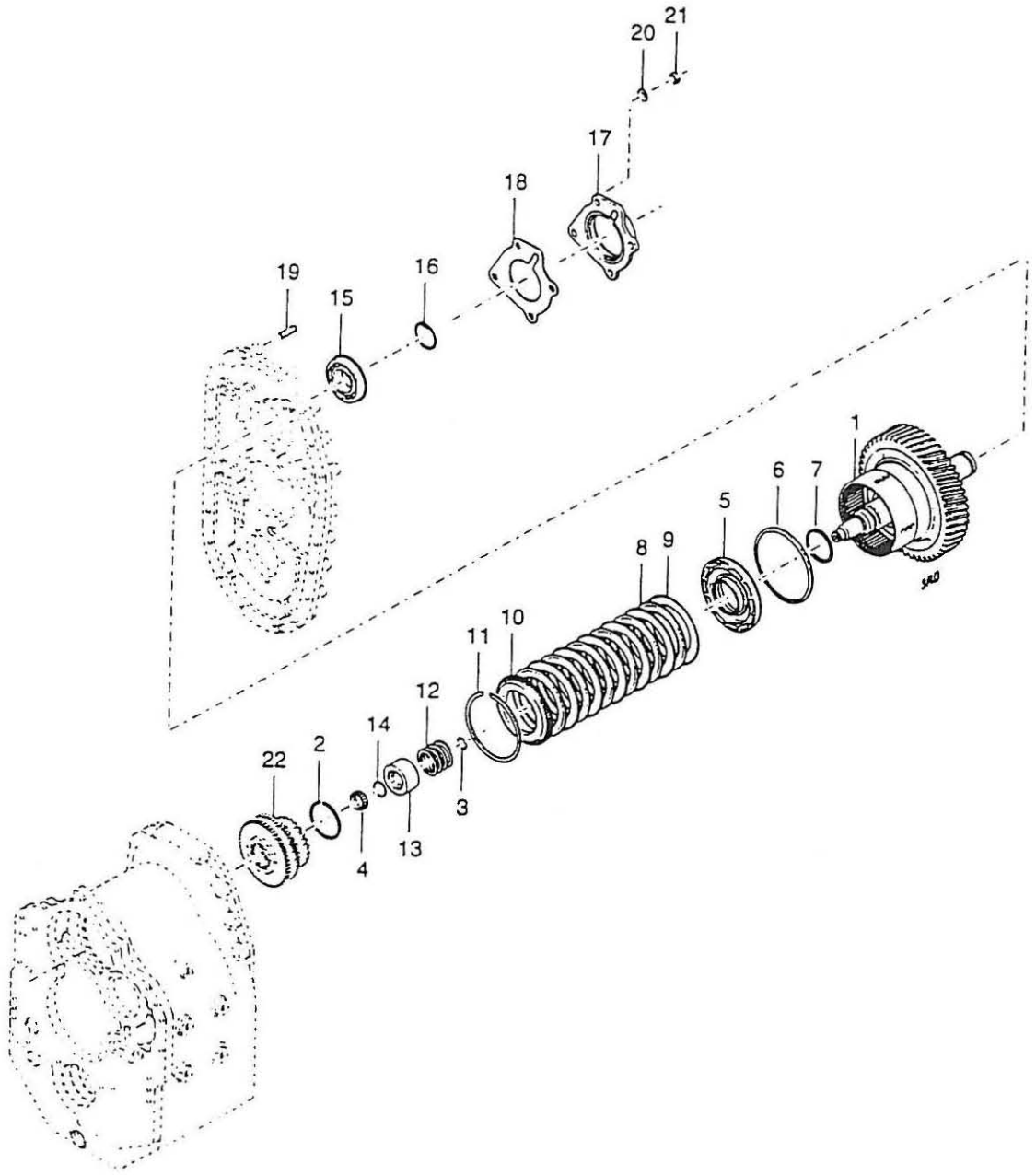
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-657	REVERSE IDLER SHAFT	1
2	7-126-574	BEARING ASSEMBLY	1
3	7-126-658	WASHER	1
4	7-126-659	NUT	1
5	7-126-660	WASHER	1
6	7-126-286	LOCKBALL	1
7	7-126-661	GEAR	1
8	7-126-573	O-RING	1

NOTES

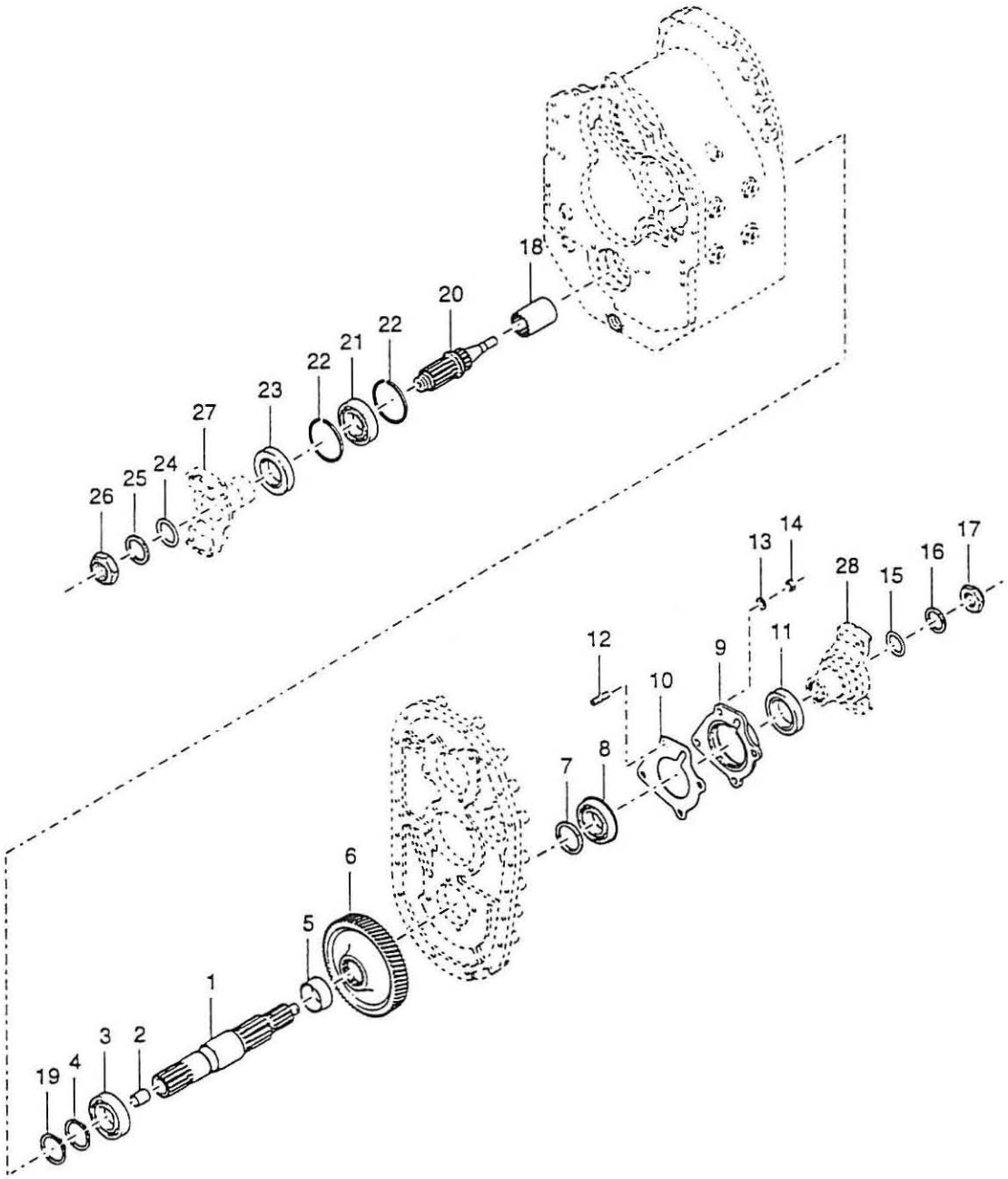


12 PAGE NUMBER	LOW SPEED SHAFT GROUP T20000 ELECTRIC SHIFT TRANSMISSION	DRAWING NUMBER P1-1384

ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-576	SHAFT, HUB, DRUM, & BLEED VALVE ASSY	1
2	7-126-575	PISTON & SEALS ASSY (INCL. ITEMS 3 & 4)	1
3	7-126-145	SEAL	1
4	7-126-144	SEAL	1
5	7-126-166	INNER DISC	8
6	7-126-147	OUTER DISC	8
7	7-126-149	PLATE	1
8	7-126-150	RETAINING RING	1
9	7-126-151	SPRING	1
10	7-126-152	RETAINER	1
11	7-126-153	SNAP RING	1
12	7-126-156	BEARING	2
13	7-126-165	RING	1
14	7-126-163	RING	2
15	7-126-170	RING	1
16	7-126-161	BEARING	1
17	7-126-162	SPACER	1
18	7-126-164	SPACER	1
19	7-126-169	BEARING	1
20	7-126-48	WASHER	1
21	7-126-165	RING	1
22	7-126-577	STUD	4
23	7-126-10	LOCKWASHER	4
24	7-126-111	NUT	4
25	7-126-173	O-RING	1
26	7-126-171	O-RING	1
27	7-126-578	LOW CLUTCH GEAR (SEE GEAR GROUP)	1

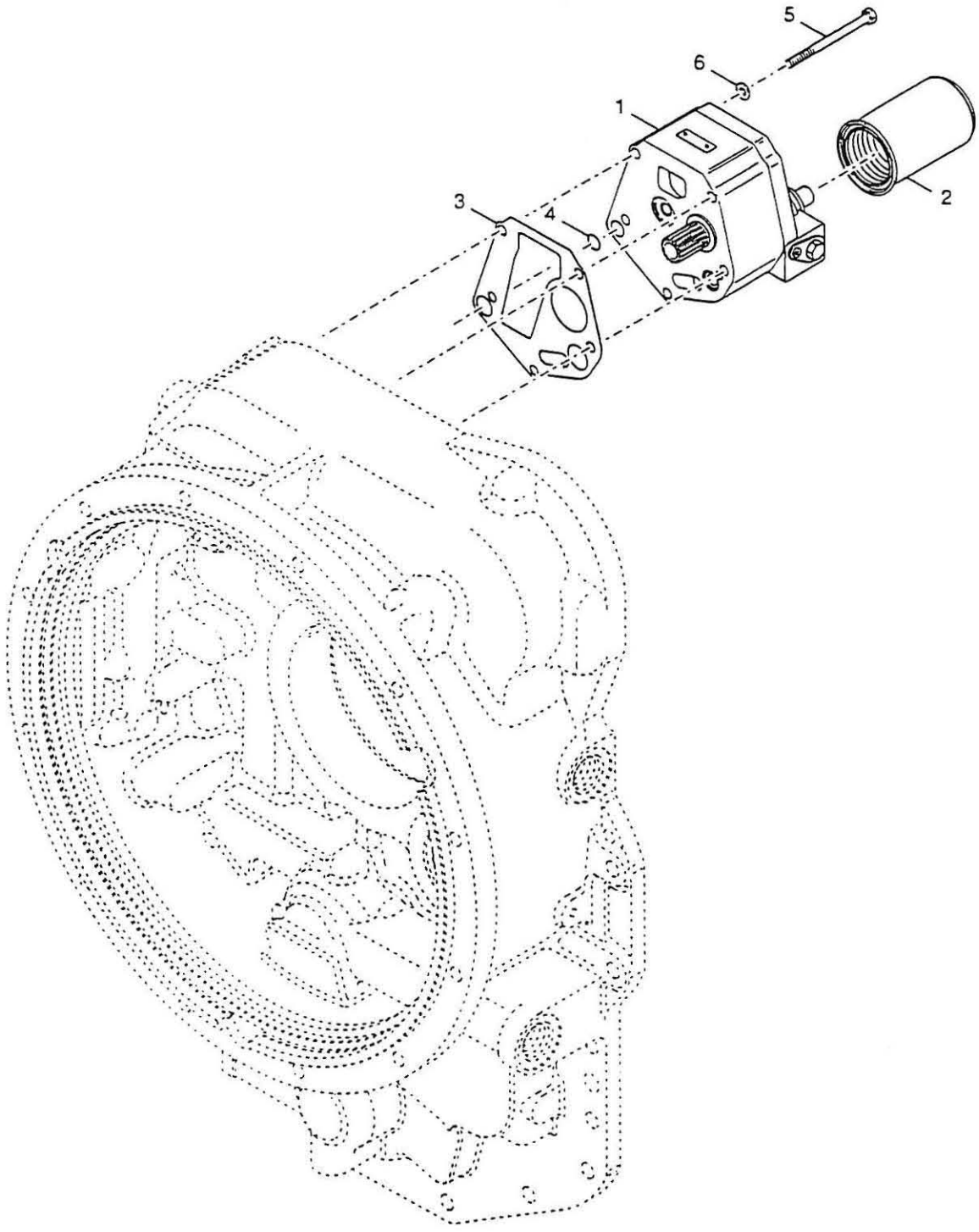

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ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-579	3rd CLUTCH SHAFT & DRUM ASSY	1
2	7-126-201	RING	1
3	7-126-170	RING	1
4	7-126-296	BEARING	1
5	7-126-568	PISTON & SEALS ASSY(INCL. ITEMS 6 & 7)	1
6	7-126-145	SEAL	1
7	7-126-144	SEAL	1
8	7-126-148	INNER DISC	6
9	7-126-147	OUTER DISC	6
10	7-126-149	BACKING PLATE	1
11	7-126-150	RETAINING RING	1
12	7-126-151	SPRING	1
13	7-126-152	RETAINER	1
14	7-126-153	SNAP RING	1
15	7-126-113	BEARING	1
16	7-126-565	RING	1
17	7-126-293	CAP	1
18	7-126-292	GASKET	1
19	7-126-291	STUD	4
20	7-126-54	LOCKWASHER	4
21	7-126-294	NUT	4
22	7-126-318	3rd CLUTCH GEAR (SEE GEAR GROUP)	1

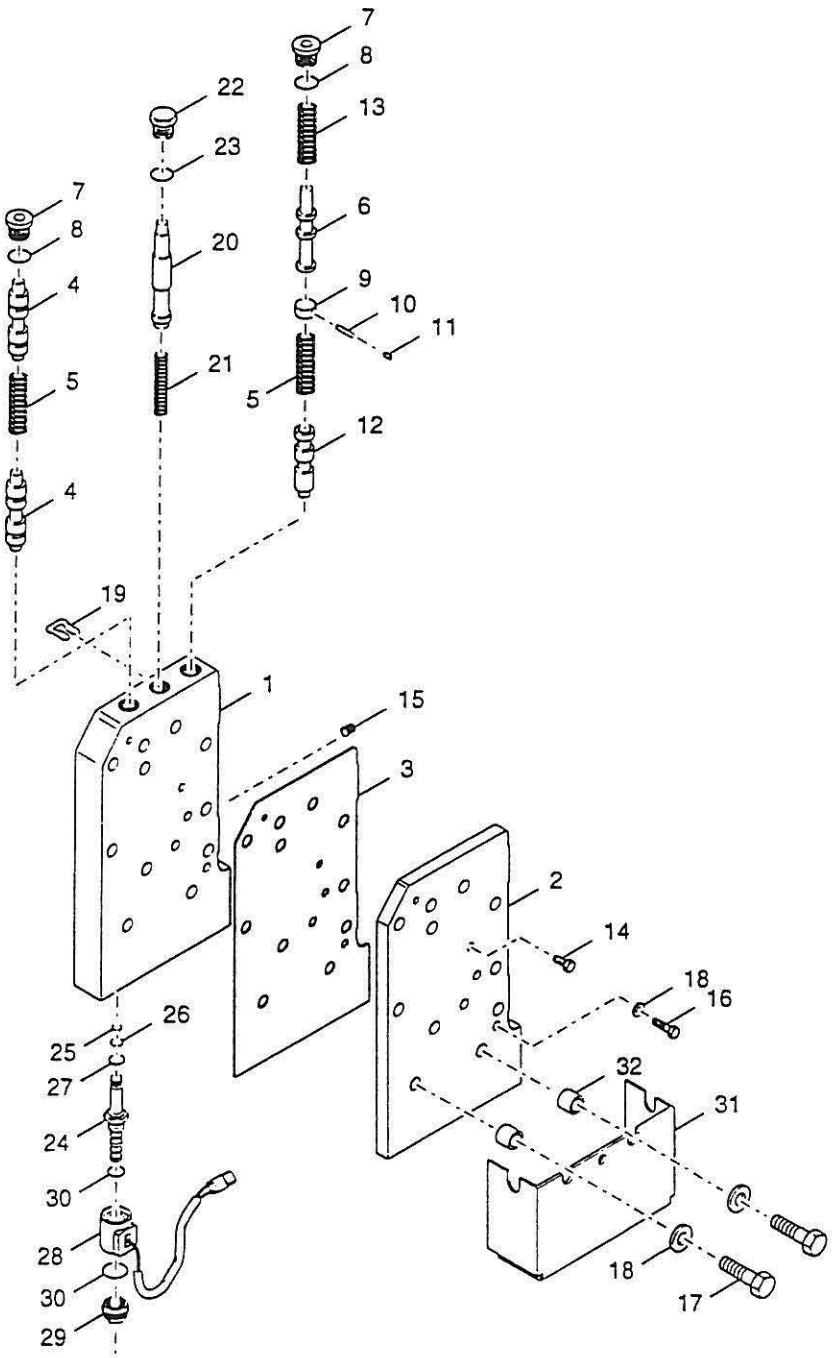


14	PAGE NUMBER	OUTPUT SHAFT GROUP T20000 ELECTRIC SHIFT TRANSMISSION	DRAWING NUMBER	P1-1386

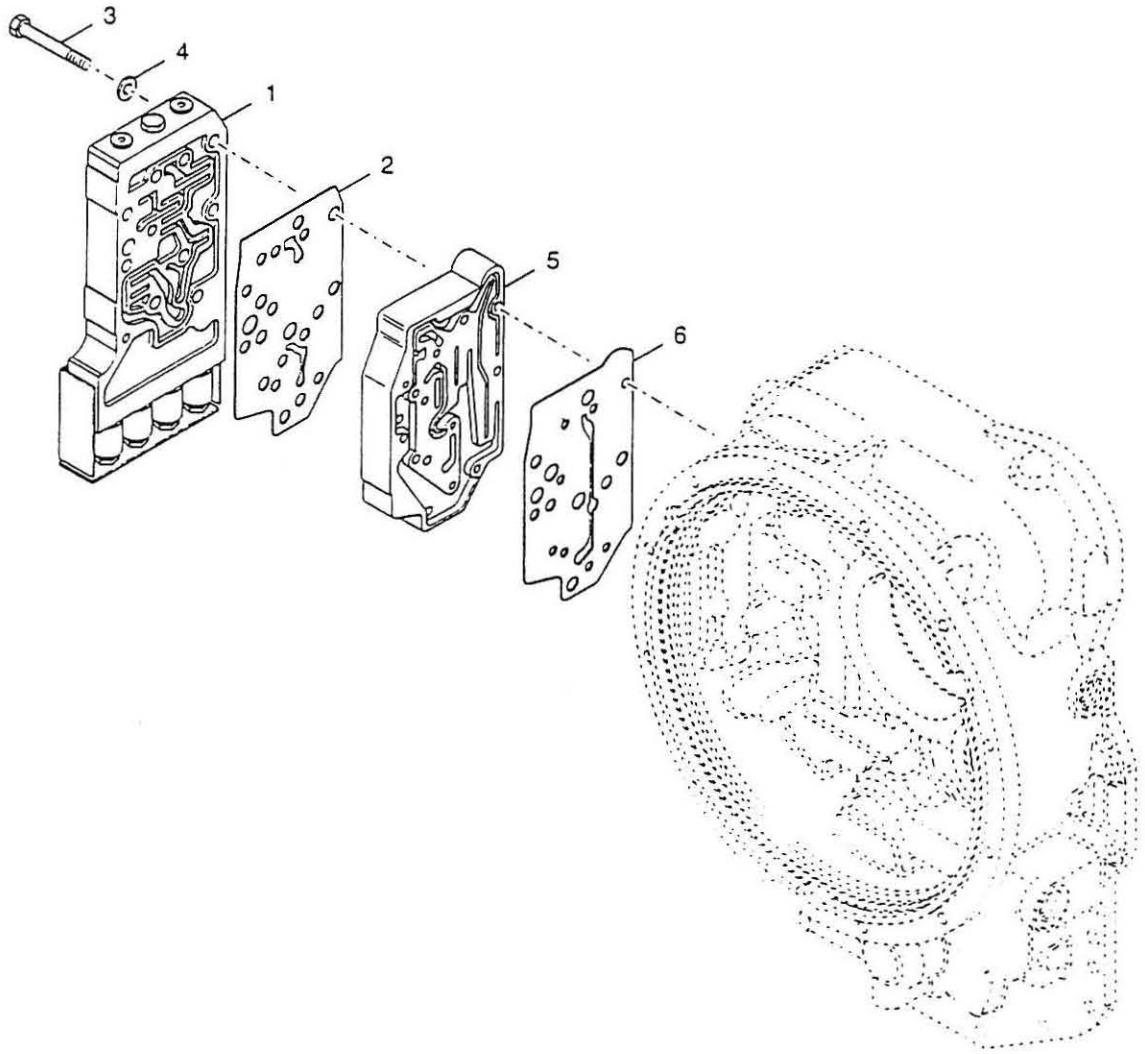
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-662	SHAFT & BUSHING ASSY (INCL. ITEM 2)	1
2	7-126-311	BUSHING	1
3	7-126-161	BEARING	1
4	7-126-49	RING	1
5	7-126-125	SPACER	1
6	7-126-582	GEAR	1
7	7-126-123	SPACER	1
8	7-126-113	BEARING	1
9	7-126-663	CAP	1
10	7-126-664	GASKET	1
11	7-126-114	SEAL	1
12	7-126-115	STUD	4
13	7-126-116	LOCKWASHER	4
14	7-126-117	NUT	4
15	7-126-118	O-RING	1
16	7-126-314	WASHER	1
17	7-126-315	NUT	1
18	7-126-310	COUPLING	1
19	7-126-49	SNAP RING	1
20	7-126-309	SHAFT	1
21	7-126-307	BEARING	1
22	7-126-306	RING	2
23	7-126-305	OIL SEAL	1
24	7-126-304	O-RING	1
25	7-126-303	WASHER	1
26	7-126-302	NUT	1
27	7-126-319	FRONT OUTPUT FLANGE	1
28	7-126-254	REAR OUTPUT FLANGE	1


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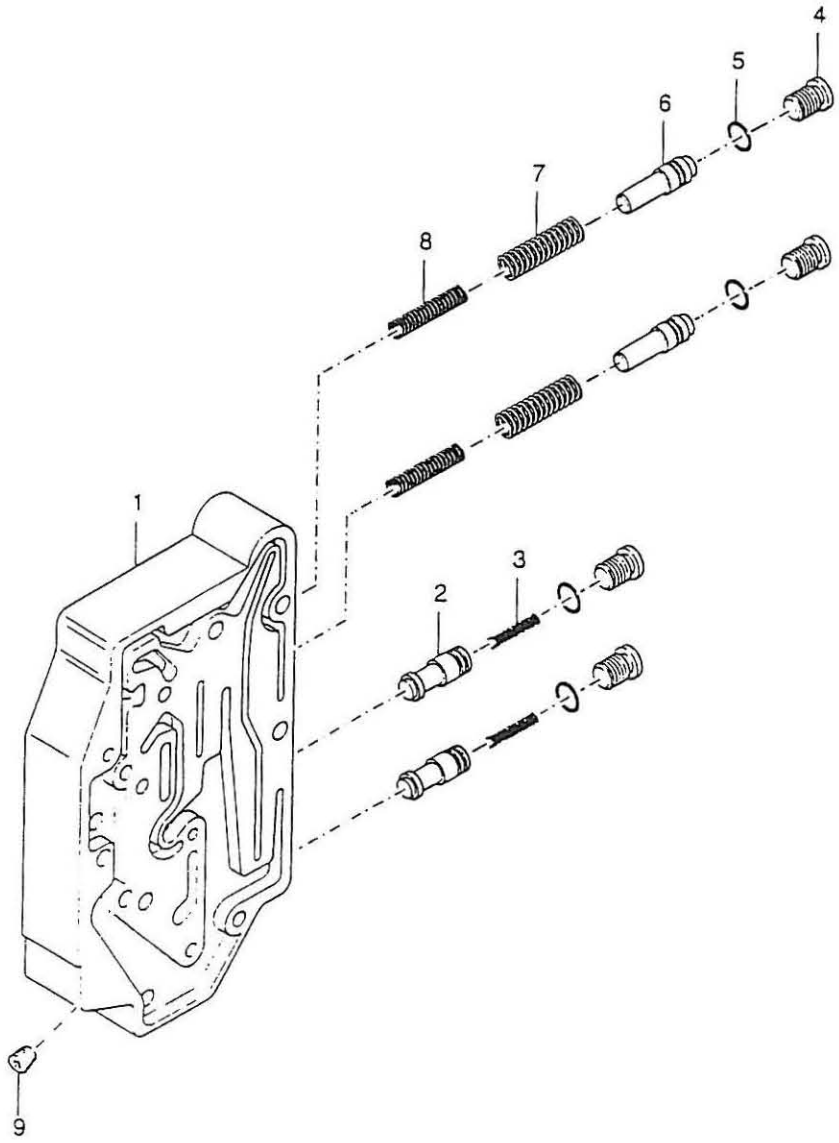
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-680	CHARGING PUMP	1
2	7-126-112	FILTER	1
3	7-126-107	GASKET	1
4	7-126-22	O-RING	1
5	7-126-110	SCREW	3
5A	7-126-109	SCREW	2
6	7-126-10	LOCKWASHER	5


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ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-587	HOUSING / CONTROL VALVE	1
2	7-126-588	COVER	1
3	7-126-589	GASKET	1
4	7-126-590	SPOOL / FWD. & REV. SHIFT	2
5	7-126-591	SPRING	2
6	7-126-592	SPOOL	1
7	7-126-593	PLUG (INCLUDES ITEM 8)	2
8	7-126-594	O-RING (INCLUDED IN ITEM 7)	2
9	7-126-595	STOP	1
10	7-126-596	PIN	1
11	7-126-597	PLUG STOP	1
12	7-126-598	SPOOL	1
13	7-126-599	SPRING	1
14	7-126-92	PIPE PLUG	8
15	7-126-08	PLUG	1
16	7-126-600	SCREW	1
17	7-126-601	SCREW	2
18	7-126-54	LOCKWASHER	3
19	7-126-94	STOP	1
20	7-126-98	SPOOL	1
21	7-126-99	SPRING	1
22	7-126-602	PLUG (INCLUDES ITEM 23)	1
23	7-126-603	O-RING (INCLUDED IN ITEM 22)	1
24	7-126-604	CARTRIDGE (INCLUDES ITEMS 25-27)	4
25	7-126-376	O-RING (INCLUDED IN ITEM 24)	4
26	7-126-377	O-RING (INCLUDED IN ITEM 24)	4
27	7-126-379	O-RING (INCLUDED IN ITEM 24)	4
28	7-126-375	COIL (12V)	4
29	7-126-373	NUT	4
30	7-126-374	O-RING	8
31	7-126-605	COVER	1
32	7-126-606	SPACER	2
33	7-126-583	ELECTRIC CONTROL VALVE ASSY (ITEMS 1-32)	1



ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-583	ELECTRIC CONTROL VALVE ASSY.	1
2	7-126-584	GASKET	1
3	7-126-585	SCREW	9
4	7-126-54	LOCKWASHER	9
5	7-126-681	MODULAR VALVE ASSEMBLY	1
6	7-126-586	GASKET	1



ITEM	NUMBER	DESCRIPTION	REQD
1	N.S.S.	MODULATOR HOUSING (PART OF ITEM 10)	1
2	N.S.S.	REGULATOR SPOOL (PART OF ITEM 10)	2
3	7-126-69	REGULATOR SPRING	2
4	7-126-68	PLUG (INCLUDES ITEM 5)	4
5	7-126-603	O-RING (PART OF ITEM 4)	4
6	N.S.S.	ACCUMULATOR SPOOL (PART OF ITEM 10)	2
7	7-126-682	ACCUMULATOR SPRING / OUTER	2
8	7-126-607	ACCUMULATOR SPRING / INNER	2
9	7-126-92	PIPE PLUG	1
10	7-126-681	MODULATOR VALVE ASSY. (ITEMS 1 THRU 9)	1

N.S.S. = NOT SOLD SEPARATELY