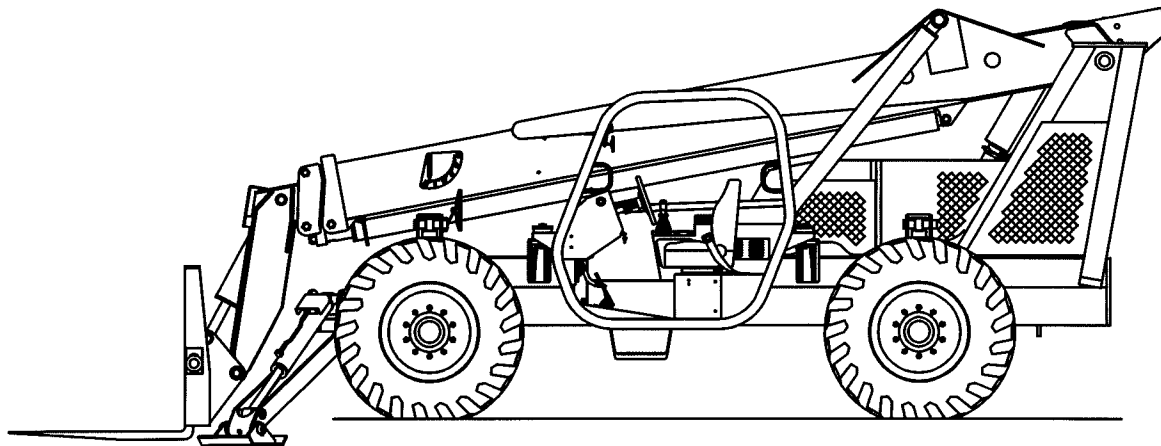


PARTS BOOK TH1048C



DATE: 11-14-03

JOHN DEERE TIER II 4045 TURBO ENGINE

DANA 213 AXLES

CLARK T20000 TRANSMISSION

REMOTE MOUNTED SAF-T-CAB II

REXROTH HYDRAULIC PUMP

VOAC MAIN VALVE

VOAC 4-WAY CONTROLLER

Serial Number: _____

TEREX HANDLERS

455 N. Superior Ave., Baraga, MI 49908-0790

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

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

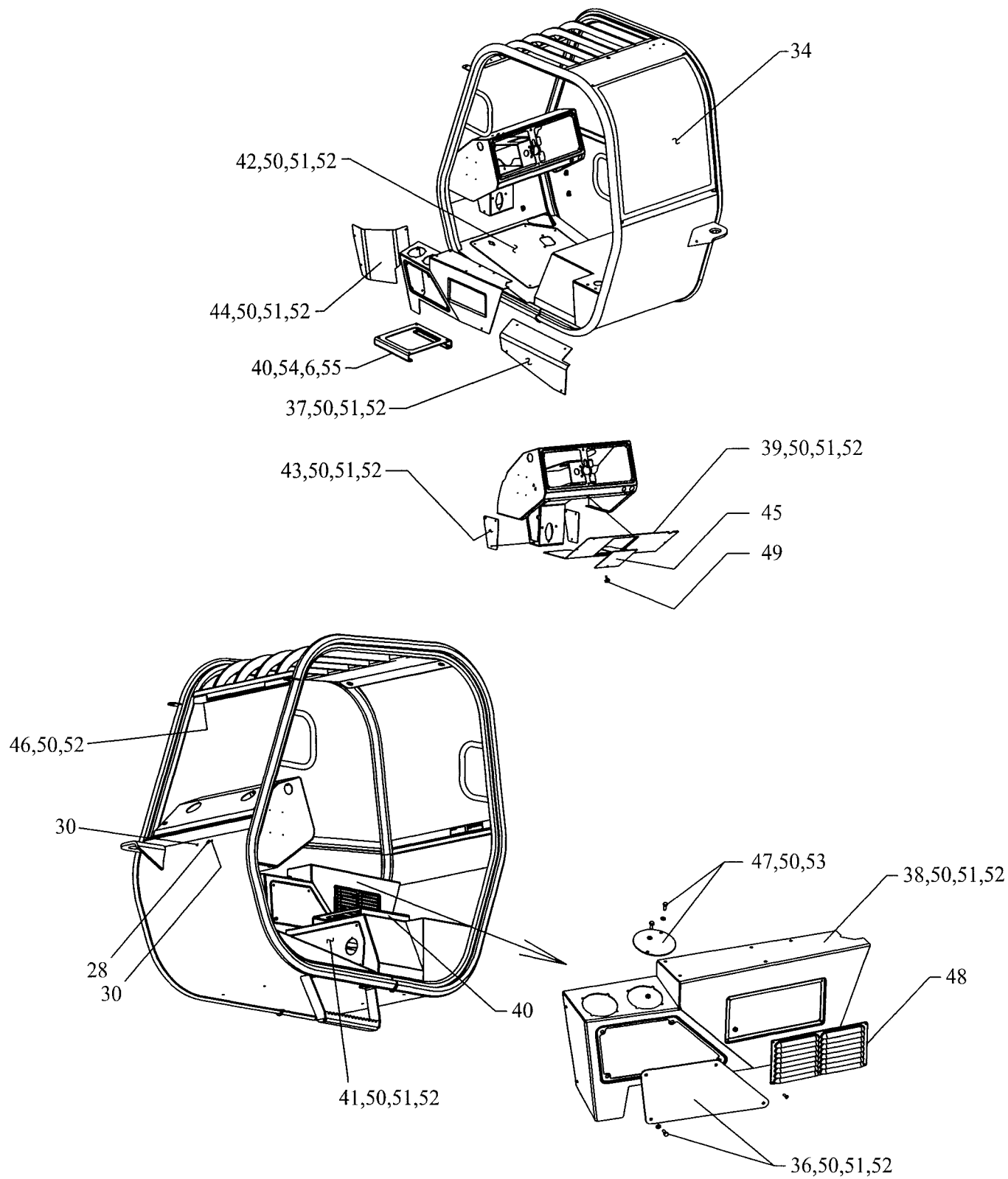
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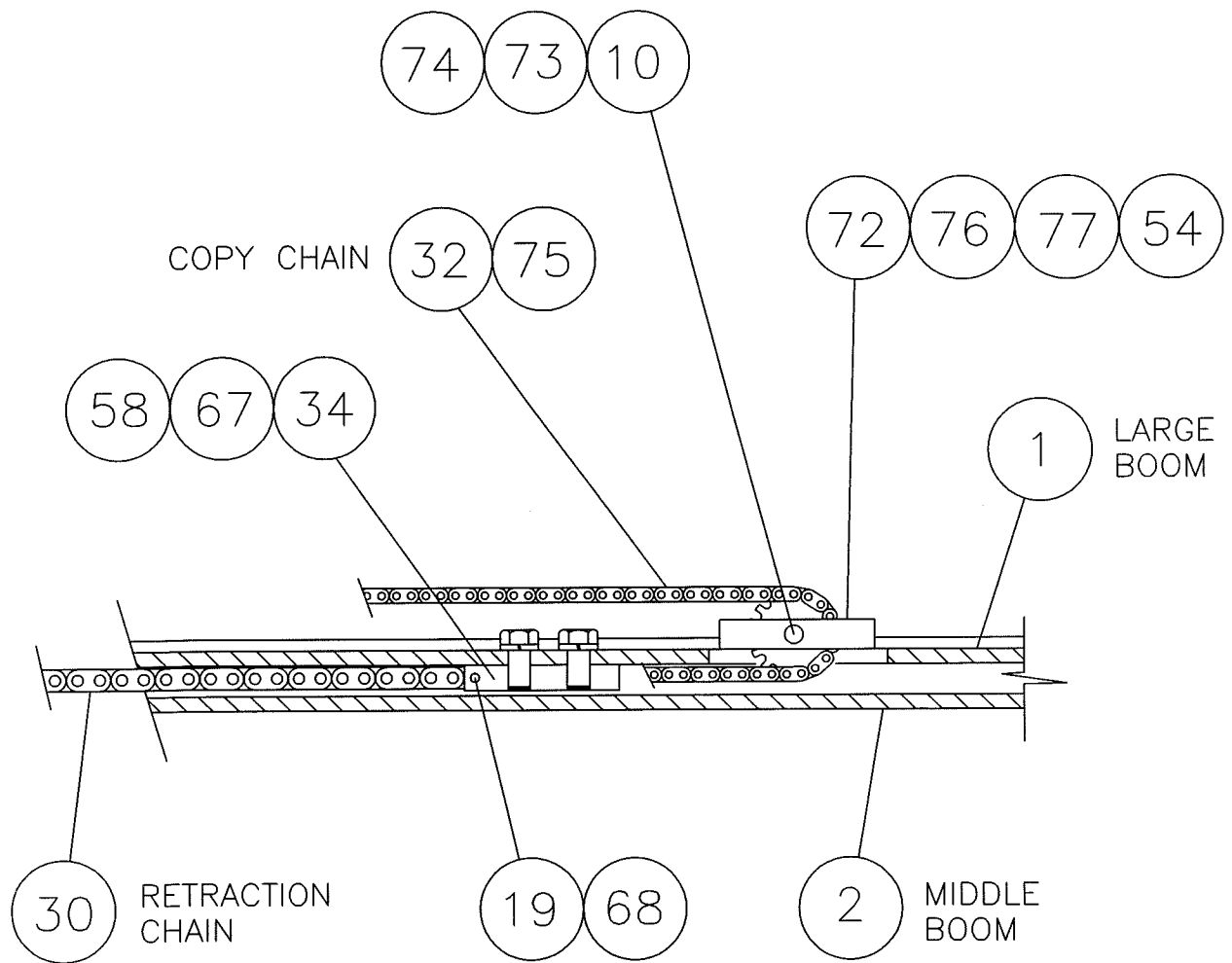
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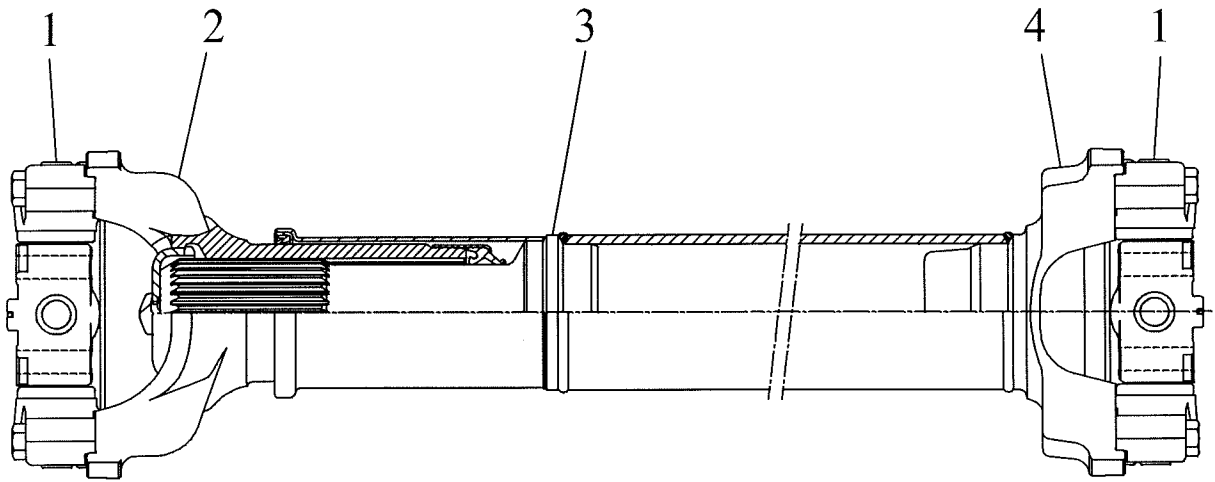
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VIEW OF COPY CHAIN & IDLER SPROCKET

ITEM	NUMBER	DESCRIPTION	REQD
53	6-6201-06	HEX NUT 3/8 NC	3
54	6-6211-06	LOCKWASHER 3/8	13
55	6-6275-04	SETSCREW 3/8 NC x 3/4 LG.	2
56	6-5312-68	CAPSCREW 3/4 NF x 8 1/2 LG.	1
57	6-6202-12	HEX NUT 3/4 NF	2
58	6-6211-12	LOCKWASHER 3/4	4
59	6-5605-10	CAPSCREW SH 5/16 NC x 1 1/4 (2)	REF
60	6-6201-05	HEX NUT 5/16 NC (2)	REF
61	6-6211-05	LOCKWASHER 5/16 (2)	REF
62	6-5208-10	CAPSCREW 1/2 NC x 1 1/4 LG.	8
63	6-5206-06	CAPSCREW 3/8 NC x 3/4 LG.	6
64	6-5208-44	CAPSCREW 1/2 NC x 5 1/2 LG.	REF
65	6-5206-24	CAPSCREW 3/8 NC x 3 LG.	2
66	2-1090	PIN / BASE BOOM CYLINDER	REF
67	6-5312-12	CAPSCREW 3/4 NF x 1 1/2 LG.	2
68	6-6243-06	COTTER PIN 3/32 x 3/4 LG.	12
69	7-142-01	SELF-LOCKING NUT 1-12 THD.	2
70	7-194-01	SPRING / COMPRESSION	2
71	6-6215-16	FLATWASHER 1.0	2
72	3-1187-1	MOUNT / IDLER SPROCKET (1)	REF
73	6-5310-30	CAPSCREW 5/8 NF x 3 3/4 LG. (1)	REF
74	6-6202-10	HEX NUT 5/8 NF (1)	REF
75	7-261-05	CONNECTING LINK / WITH CLIP (1)	REF
76	6-5206-12	CAPSCREW 3/8 NC x 1 1/2 LG. (4)	REF
77	6-6212-06	FLATWASHER 3/8	6
78	6-6211-08	LOCKWASHER 1/2	10
79	7-194-43	KEY / WOODRUFF 3/16 x 1 (4)	REF
80	7-305-08	THRUST WASHER (1)	REF
81	7-305-07	BEARING / BRONZE (1)	REF
82	7-194-44	COLLAR (1)	REF
83	6-5312-48	CAPSCREW 3/4 NF x 6 LG.	1
84	6-4524-32	BRONZE BUSHING / LARGE BOOM	REF
85	6-5206-20	CAPSCREW 3/8 NC x 2 1/2 LG.	2
86	1-1306	WASHER / STEEL	1
87	6-6201-08	HEX NUT 1/2 NC	2
88	1-1101-3	SHIM / 3/16	4
89	2-1109	CLAMP / 1/2 HOSE	1
90	6-5206-18	CAPSCREW 3/8 NC x 2 1/4 LG.	2
91	3-1244-2	SPACER / MANIFOLD BLOCK	1
92	4-1074-3B	ROLLER / S-BOOM / REAR-BOT	2
93	4-1073-1	PIN / S-BOOM / REAR-BOT	1
94	6-6600-03	THRUST WASHER 3.00 x 2.00 x .188	2
95	7-193-07	NEEDLE BEARING / 2.000 ID	REF
96	6-6275-05	SETSCREW 5/8 NC x 1 LG.	1
97	6-5206-22	CAPSCREW 3/8 NC x 2 3/4 LG.	REF
98	6-5206-28	CAPSCREW 3/8 NC x 3 1/2 LG.	1
99	6-6301	LUBE FITTING 1/8 NPT STR	4
100	6-6306	LUBE FITTING 1/4-28 STR	8
101	6-6275-07	SETSCREW 5/8 NC x 5/8 LG.	1
102	6-6600-06	THRUST WASHER 4.00 x 2.00 x .125	2
103	6-9600-119	EDGING 1/2 x 14 7/8 LG.	1
104	3-1404	SWITCH ACTIVATOR	1
105	6-6275-04	SETSCREW / 3/8 NC x 3/4 LG.	3



ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-903	CROSS & BEARING ASSEMBLY	2
2	7-229-904	SLIP YOKE	1
3	7-229-905	SLIP STUB	1
4	7-229-906	WELD YOKE	1
5	7-229-891	DRIVESHAFT ASSY (INCL. ITEMS 1-4)	REF

ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-242	CYLINDER / TILT	REF
2	7-316-241	CYLINDER / LIFT	REF
3	7-316-243	CYLINDER / BOOM	REF
4	7-379-50	CYLINDER / SWAY	REF
5	7-229-871	CYLINDER / STEERING	REF
6	7-359-02	SELECTOR VALVE / STEERING	1
7	7-147-01	STEERING ORBITRAL	1
8	7-200-80	VALVE ASSEMBLY / 3 SECTION	1
9	7-200-139	CONTROLLER / 4-WAY	1
10	7-234-04	VALVE / DUAL CHECK	3
11	7-234-03	VALVE / MOTION / BOOM	2
12	7-234-01	VALVE / MOTION / HEAD TILT	1
13	7-234-02	VALVE / MOTION / BASE TILT	1
14	7-234-94	CONTROL BLOCK ASSEMBLY	1
15	7-256-25 ⁹⁵	ACCUMULATOR / BRAKE	1
16	7-198-48	ACTUATOR / HANGING BRAKE PEDAL	1
17	7-206-03	PRESSURE SWITCH / BRAKE LIGHT	REF
18	7-272-11	FILLER-BREATHER / 3 PSI	REF
19	7-358-08	VALVE / PARKING BRAKE	1
20	7-118-01	FILTER / RETURN	1
21	7-272-10	GAGE / RETURN FILTER	1
22	7-118-02	ELEMENT / RETURN FILTER	REF
23	7-345-113	PUMP ASSEMBLY	1
24	7-367-09	VALVE / 4-WAY ELECTRIC / TILT	2
25	7-244-31	VALVE / 4-WAY ELECTRIC / SWAY	1
26	7-234-35	VALVE / DUAL CHECK	REF
27	7-244-31	VALVE / 4-WAY ELECTRIC / ROTATE	REF
28	7-379-01	CYLINDER / ROTATE / 3.00 BORE	REF
29	1-1219	RESTRICTOR FITTING	REF
30	1-1093-2	RESTRICTOR PLUG (.060)	REF
31	7-234-54	VALVE / MOTION / LIFT	2
32	7-234-50	VALVE / TILT LIMITER	1
33	7-292-01	HOSE REEL / ROTATE	REF
34	4-2270	OIL RESERVOIR	REF
35	7-234-62	CARTRIDGE / CHECK	REF
36	7-234-37	CARTRIDGE / NEEDLE	REF
37	7-244-31	VALVE / 4-WAY ELECTRIC / STABIL.	REF
38	7-316-394	CYLINDER / STABILIZER	REF
39	7-303-03	PRESSURE SWITCH / NORMALLY CLOSED	REF
40	1-1093-3	RESTRICTOR PLUG (.081)	REF
41	7-234-22	CARTRIDGE / COUNTERBALANCE	REF
42	7-234-53	CARTRIDGE / COUNTERBALANCE	REF
43	7-234-18	CARTRIDGE / PILOT CHECK	REF
44	7-234-19	CARTRIDGE / COUNTERBALANCE	REF
45	7-234-80	CARTRIDGE / CHECK	REF
46	7-234-16	CARTRIDGE / CHECK	REF
47	7-367-14	CARTRIDGE / NORMALLY OPEN	REF
48	1-1093-1	RESTRICTOR PLUG (.040)	REF
49	7-303-02	PRESSURE SWITCH / NORMALLY CLOSED	REF
50	7-367-13	VALVE / BOOM ACTIVATED REAR LOCK	1
51	7-234-28	CARTRIDGE / REDUCING-RELIEVING	REF
52	7-234-13	CARTRIDGE / REDUCING-RELIEVING	REF
53	7-367-03	CARTRIDGE / NORMALLY CLOSED	REF

ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-243	CYLINDER / BOOM	REF
2	7-234-03	VALVE / MOTION / BOOM	REF
3	6-5606-22	CAPSCREW SH 3/8 NC x 2 3/4 LG.	8
4	6-6214-06	LOCKWASHER 3/8 HI-COLLAR	8
5	6-6453-04	FITTING / 06 OR x 04 JIC 90	2
6	6-6453-12	FITTING / 10 OR x 10 JIC 90	1
7	6-6457-03	FITTING / 04 OR HEX HD PLUG	2
8	6-6453-12	FITTING / 10 OR x 10 JIC 90	1
9	6-7002-30	HOSE / 04 x 04 x 15 LG.	1
10	6-7002-30	HOSE / 04 x 04 x 15 LG.	1
11	6-7005-126	HOSE / 10 x 10 x 63 LG.	1
12	6-7005-96	HOSE / 10 x 10 x 48 LG.	1
13	6-6475-07	FITTING / 10 JIC BH UNION	2
14	6-6457-05	FITTING / 06 OR HEX HD PLUG	4
15	7-273-32	CLAMP HALF SET / 5/8 TWIN HOSE	3
16	7-273-26	COVER PLATE / 5/8 HOSE CLAMP	3
17	6-5205-16	CAPSCREW 5/16 NC x 2 LG.	1
18	6-5205-30	CAPSCREW 5/16 NC x 3 3/4 LG.	2
19	6-7005-154	HOSE / 10 x 10 x 77 LG.	2
20	6-6453-13	FITTING / 12 OR x 10 JIC 90	2
21	6-6453-03	FITTING / 04 OR x 04 JIC 90	2

ITEM	NUMBER	DESCRIPTION	REQD
1	6-7003-136	HOSE / 06 x 06 x 68 LG.	4
2	6-7023-380	HOSE / 06 x 06-90 x 180 LG.	1
3	6-7023-420	HOSE / 06 x 06-90 x 210 LG.	1
4	6-7023-40	HOSE / 06 x 06-90 x 20 LG.	2
5	6-6481-05	FITTING / 06 JIC SW-RN-TEE	2
6	6-6453-06	FITTING / 06 OR x 06 JIC 90	4
7	3-1482	COVER / VALVE BLOCK	2
8	7-273-27	CLAMP HALF SET / 3/8 TWIN HOSE	8
9	6-6450-08	FITTING / 06 OR x 06 JIC STR.	4
10	1-1219	RESTRICTOR FITTING	4
11	1-1093-3	RESTRICTOR PLUG (.081)	4
12	6-6453-07	FITTING / 08 OR x 06 JIC 90	1
13	6-6211-05	LOCKWASHER 5/16	4
14	7-244-31	VALVE / ELECTRIC / STABILIZERS	2
15	6-5204-04	CAPSCREW 1/4 NC x 1/2 LG.	4
16	6-6211-04	LOCKWASHER 1/4	4
17	7-244-27	DIN CONNECTOR	REF
18	7-273-23	COVER PLATE / 3/8 HOSE CLAMP	4
19	7-316-394	CYLINDER / STABILIZER	REF
20	6-5205-10	CAPSCREW 5/16 NC x 1 1/4 LG.	4
21	6-5205-18	CAPSCREW 5/16 NC x 2 1/4 LG.	REF
22	6-9615-112	HOSE ARMOR 1.00 ID x 14 LG.	2
23	6-5205-06	CAPSCREW 5/16 NC x 3/4 LG.	4
24	7-234-62	CARTRIDGE CHECK	4
25	6-6450-17	FITTING / 12 OR x 10 JIC STR.	REF
26	6-6481-07	FITTING / 10 JIC SW-RN-TEE	REF
27	6-6495-04	FITTING / 10 JIC F. x 06 JIC M. STR.	REF
28	6-7025-36	HOSE / 10 x 10-90 x 18 LG.	REF

ITEM	NUMBER	DESCRIPTION	REQD
1	6-6252-20	HOSE CLAMP / NO. 2	4
2	7-183-196	FITTING / BRASS HOSE END	1
3	7-183-197	FITTING / 90 / FUEL	1
4	7-183-198	HOSE ASSEMBLY / FUEL	1
5	6-9605-736	HOSE-FUEL 3/8 x 92 LG.	1
6	6-9605-692	HOSE-FUEL 3/8 x 86 1/2 LG.	1
7	7-121-02	FITTING / 90 / 3/8 HOSE	2
8	7-183-199	FITTING / STRAIGHT / FUEL	1
9	7-272-09	FILLER CAP / FUEL	REF
10	7-373-01	FUEL TANK	REF
11	7-121-01	RUBBER BUSHING	2

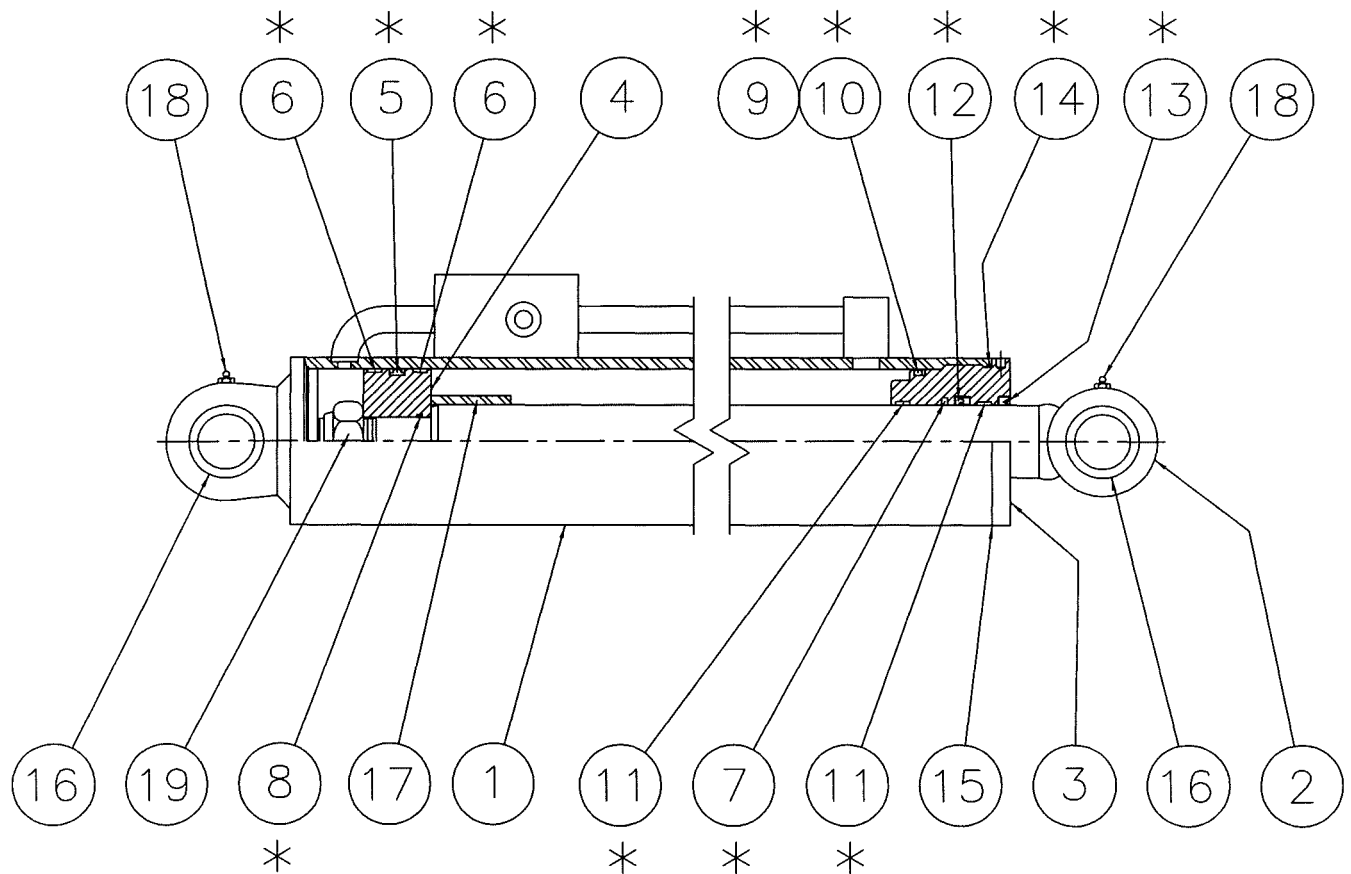
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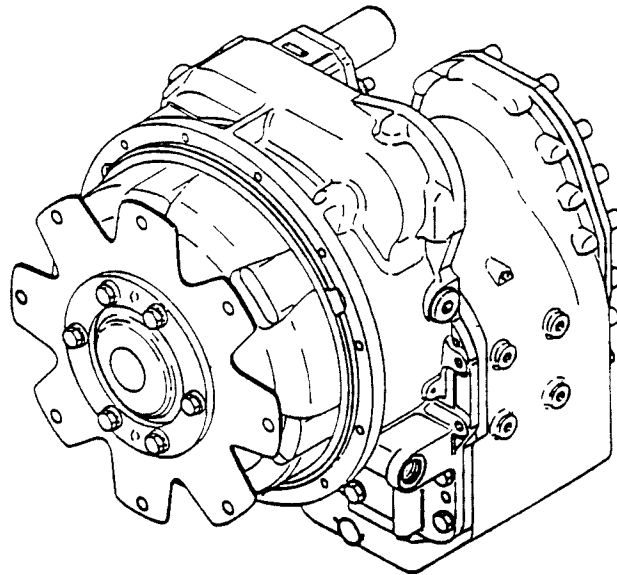


ITEM	NUMBER	DESCRIPTION	REQD
1	7-316-399	BARREL ASSEMBLY	1
2	7-316-320	ROD ASSEMBLY	1
3	7-316-402	HEAD	1
4	7-316-400	PISTON	1
5	7-316-53	SEAL / PISTON	(*) 1
6	7-316-361	WEAR RING / PISTON	(*) 2
7	7-316-376	BUFFER SEAL	(*) 1
8	7-316-87	O-RING / PISTON	(*) 1
9	7-316-85	O-RING / HEAD	(*) 1
10	7-316-86	BACK-UP RING / HEAD	(*) 1
11	7-316-398	WEAR RING / HEAD	(*) 2
12	7-316-19	SEAL / ROD	(*) 1
13	7-316-375	WIPER / ROD	(*) 1
14	7-316-323	O-RING	(*) 1
15	7-316-247	SELF TAPPING SCREW	1
16	7-316-161	BRONZE BUSHING / Ref: 6-4512-24	2
17	7-316-401	STROKE LIMITER	1
18	7-316-150	LUBE FITTING	2
19	7-316-74	SELF LOCKING NUT	1
20			
21	7-900-114	SEAL KIT / ITEMS MARKED	(*) REF

ITEM	NUMBER	DESCRIPTION	REQD
1		SHAFT	1
2	7-359-06	BACK UP RING - SHAFT	1
3	7-359-07	O-RING - SHAFT	1
4		HOUSING	1
5		THRUST WASHER	1
6	7-359-08	THRUST BEARING	1
7	7-359-09	ROTOR	1
8	7-359-10	BALL - DETENT	1
9	7-359-11	O-RING - HOUSING	1
10	7-359-12	SPRING - DETENT	1
11		WASHER - SPACER	1
12		SCREW - BODY	4
13		BODY	1
14	7-359-13	SPRING - PRESS. SEAL	4
15	7-359-14	PRESSURE SEAL	4
16	7-359-07	O-RING - PRESS. SEAL	4
17	7-359-06	BACK UP RING - PRESS. SEAL	8
18		PIN - LOCATING	1
19		ROLL PIN - ROTOR	1
20		NAMEPLATE	1
21		KNOB - HANDLE	1
22	7-359-03	HANDLE / 5/8 LONG	1
23		SET SCREW	2

ITEM	NUMBER	DESCRIPTION	REQD
1	7-345-159	HOUSING ASSEMBLY	1
2	7-345-160	ROTARY GROUP CW	1
3	7-345-140	DFR CONTROL	1
4	7-345-05	PLUG	1
5	7-345-06	O-RING (*)	1
6	7-345-08	SNAP RING	1
7	7-345-09	SHAFT SEAL (*)	1
8	7-345-10	ROD	1
9	7-345-11	O-RING (*)	1
10	7-345-12	PISTON	1
11	7-345-161	PLUG	1
12	7-345-162	SHAFT	1
13	7-345-163	TAPERED ROLLER BEARING	1
14	7-345-27	PISTON	9
15	7-345-28	BARREL	1
16	7-345-158	LENS PLATE	1
17	7-345-30	RETAINING PLATE	1
18	7-345-16	SWASH PLATE BEARING	2
19	7-345-164	SWASH PLATE	1
20	7-345-18	PRELOAD SHIM	1
21	7-345-19	TAPERED ROLLER BEARING	1
22	7-345-20	O-RING (*)	1
23	7-345-21	QUAD RING (*)	2
24	7-345-22	DOWEL PIN	1
25	7-345-23	BLOCK PORT ASSEMBLY	1
26	7-345-24	CAPSCREW	4
27	7-345-25	SPRING	1
28	7-345-26	SCREW	2
29	7-345-31	RETAINING BALL	1
30	7-345-32	SPRING	1
31	7-345-157	PRESSURE PIN	3
32	7-345-34	SEEGER V-RING	1
33	7-345-35	DISC-RETAINING CLIP	1
34	7-345-36	ACORN NUT	2
35	7-345-37	USIT RING (*)	6
36	7-345-38	JAM NUT	2
37	7-345-39	ADJUSTING SCREW	2
38	7-345-40	O-RING (*)	3
39	7-345-41	PLUG	2
40	7-345-42	CAPSCREW	4
41	7-345-43	PLUG	1
42	7-345-45	O-RING (*)	1
43	7-345-46	O-RING (*)	1
44	7-345-53	BOLT	4
45	7-345-47	O-RING (*)	1
46	7-345-44	O-RING (*)	1
47	7-345-49	BLOCK	1
48	7-345-50	CARTRIDGE / 3-WAY	1
49	7-345-52	O-RING	3
50	7-345-48	SEAL KIT / ITEMS MARKED (*)	REF
51	7-345-51	SEAL KIT (FOR ITEM #48)	REF

TRANSMISSION
PARTS BOOK
TH1048C & TH1056C



DATE: 10-20-01

CLARK T20000 SERIES

ELECTRIC SHIFT

INTERMEDIATE DROP

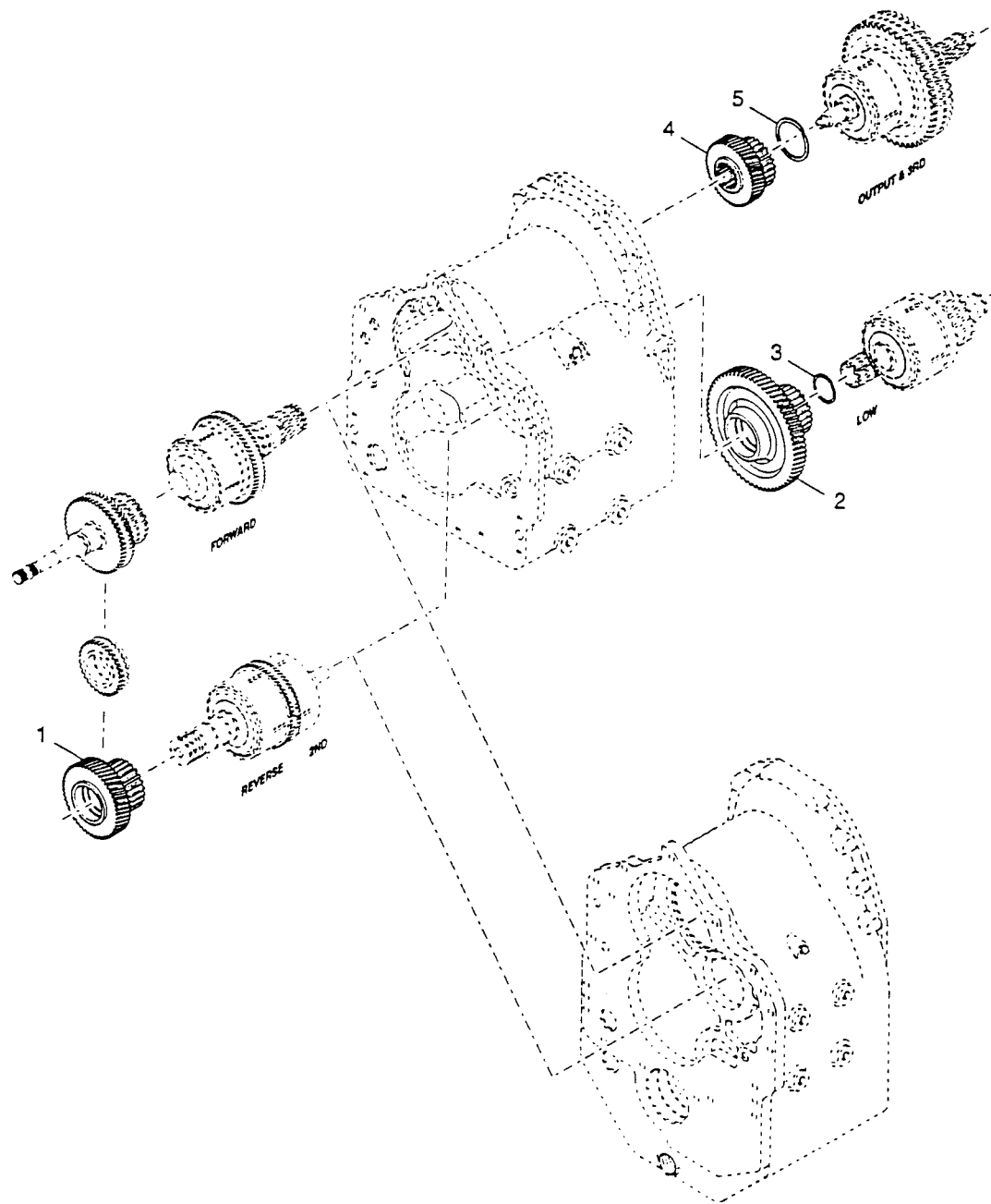
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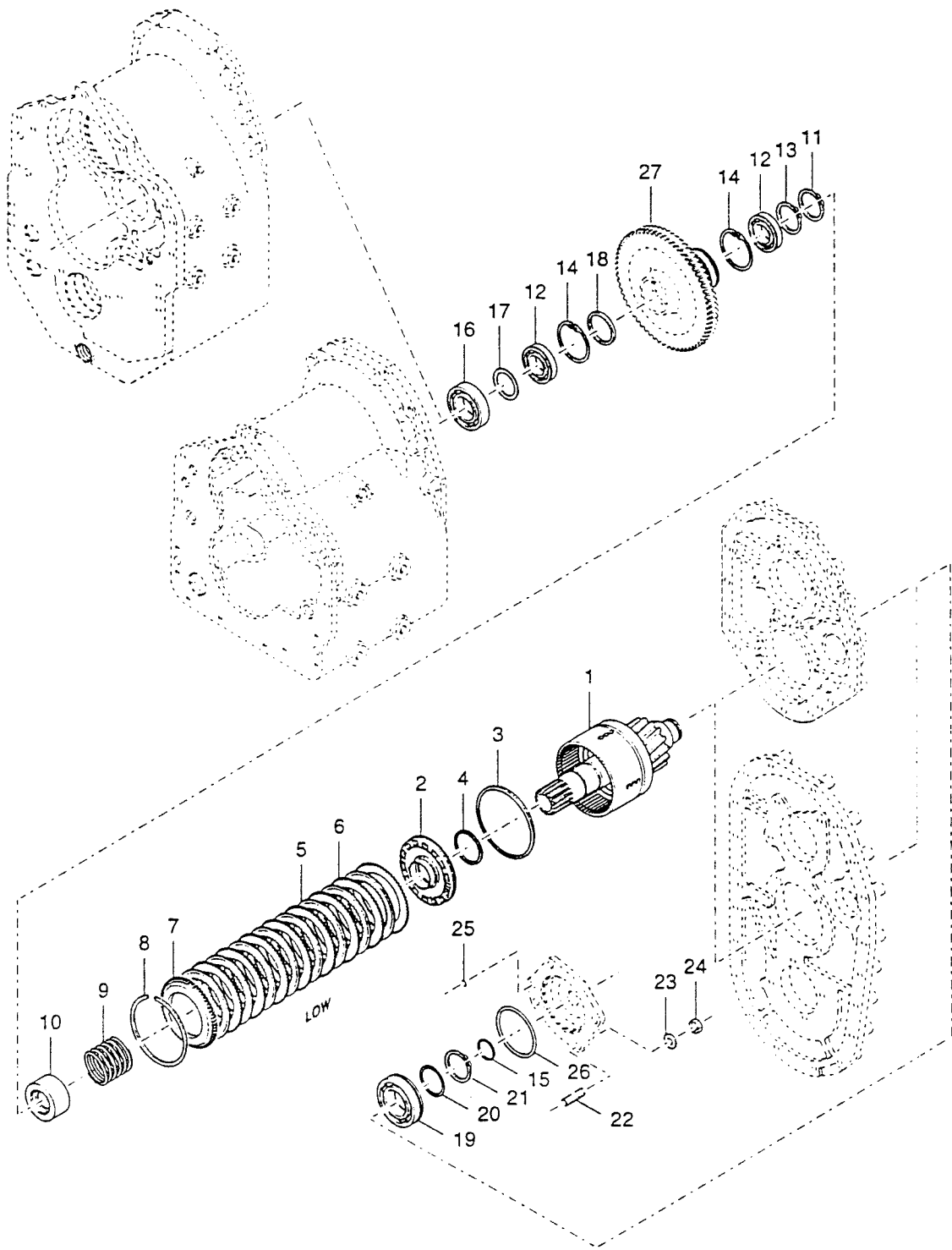
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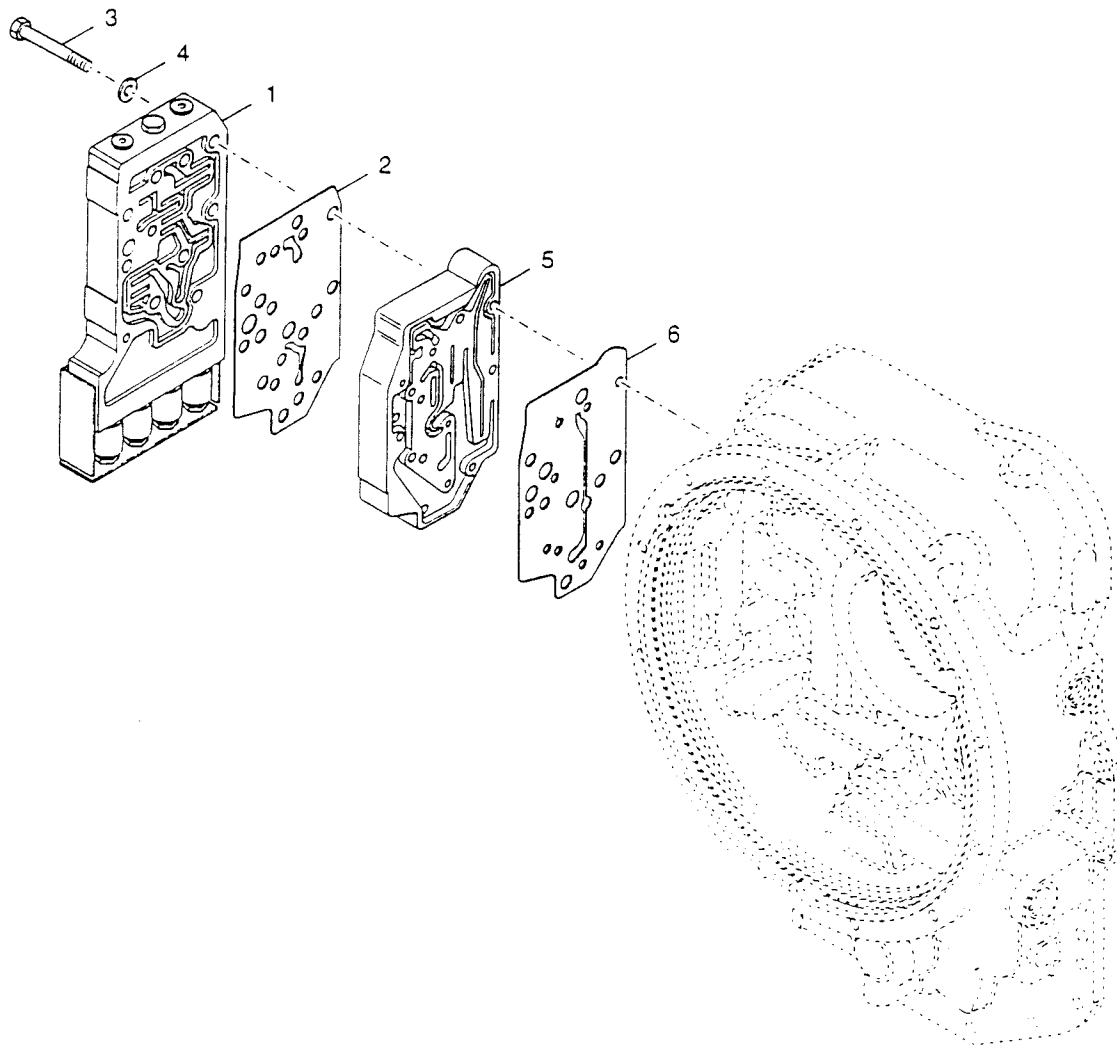
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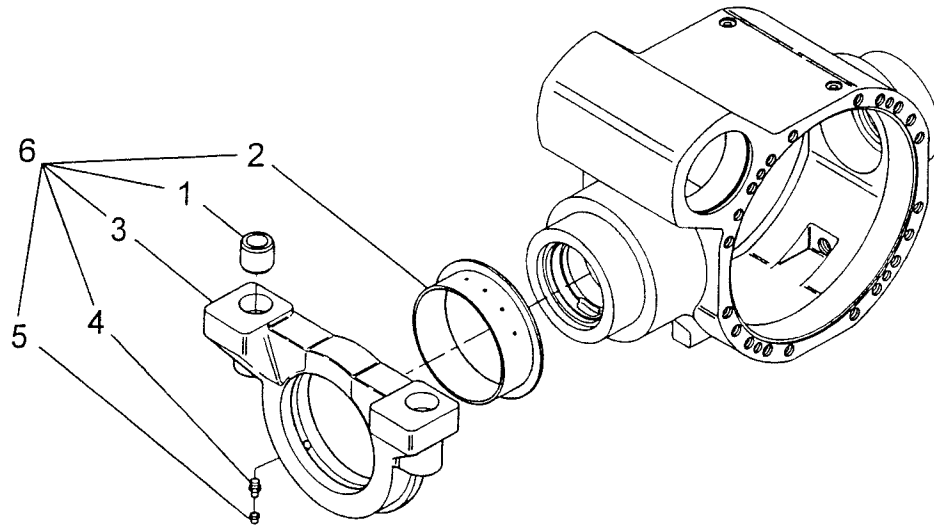
ITEM	NUMBER	DESCRIPTION	REQD
1	7-126-641	REVERSE CLUTCH GEAR	1
2	7-126-578	LOW CLUTCH GEAR ASSY (INCL. ITEM 3)	1
3	7-126-45	RING	1
4	7-126-318	3rd CLUTCH GEAR ASSY (INCL. ITEM 5)	1
5	7-126-45	RING	1





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	7-229-807	AXLE CASE	2
2	7-229-801	SPRING WASHER	40
3	7-229-809	BOLT	40
4	7-229-810	BOLT	2
5	7-229-623	NUT	2
6	7-229-691	BOLT	24
7	7-229-572	GREASE FITTING	4
8	7-229-811	PIVOT PIN	2
9	7-229-812	SPACER	4
10		SHIM / SEE BELOW	
	7-229-813	SHIM / 0.15mm	AR
	7-229-814	SHIM / 0.20mm	AR
	7-229-815	SHIM / 0.50mm	AR
11	7-229-816	DUST EXCLUDER	2
12	7-229-817	REDUCTION BUSHING	2
13	7-229-818	PIVOT PIN	2
14	7-229-819	BEARING	2
15	7-229-565	CIRCLIP	2
16	7-229-562	REDUCTION BUSHING	2
17	7-229-601	CIRCLIP	2
18	7-229-564	BALL BEARING	2
19	7-229-563	SEAL	2
20	7-229-566	O-RING	2
21	7-229-820	JOINT	2
22	7-229-821	SEAL	2
23	7-229-822	THRUST BUSHING	2
24	7-229-823	BOLT	4
25	7-229-599	NUT	4
26	7-229-824	STEERING CASE / RH	1
27	7-229-825	STEERING CASE / LH	1
28	7-229-826	SEAL	2
29	7-229-827	TAPER ROLLER BEARING	4
30	7-229-828	WHEEL HUB	2
31	7-229-829	WHEEL STUD	20
32	7-229-830	WHEEL NUT	20
33	7-229-831	O-RING	2
34	7-229-832	CIRCLIP	2
35	7-229-833	STUD	16
36	7-229-834	NUT	16
37	7-229-835	LOCKING PLATE	2
38	7-229-836	RING GEAR SUPPORT	2
39	7-229-837	RING GEAR	2
40	7-229-838	SEAL	6
41	7-229-839	PLANET GEAR	6
42	7-229-840	BEARING	6
43	7-229-841	PLANET GEAR CARRIER ASSEMBLY	REF
44	7-229-842	PLANET GEAR CARRIER	2
45	7-229-525	SEAL WASHER	2
46	7-229-526	PLUG	2
47	7-229-681	COUNTERSUNK BOLT	4
48	7-229-843	SPACER	2
49	7-229-886	STEERING CASE w/ THRUST BUSHING / RH	REF
50	7-229-887	STEERING CASE w/ THRUST BUSHING / LH	REF



ITEM	NUMBER	DESCRIPTION	REQD
1	7-229-874	REDUCTION BUSHING	4
2	7-229-875	THRUST BUSHING	2
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