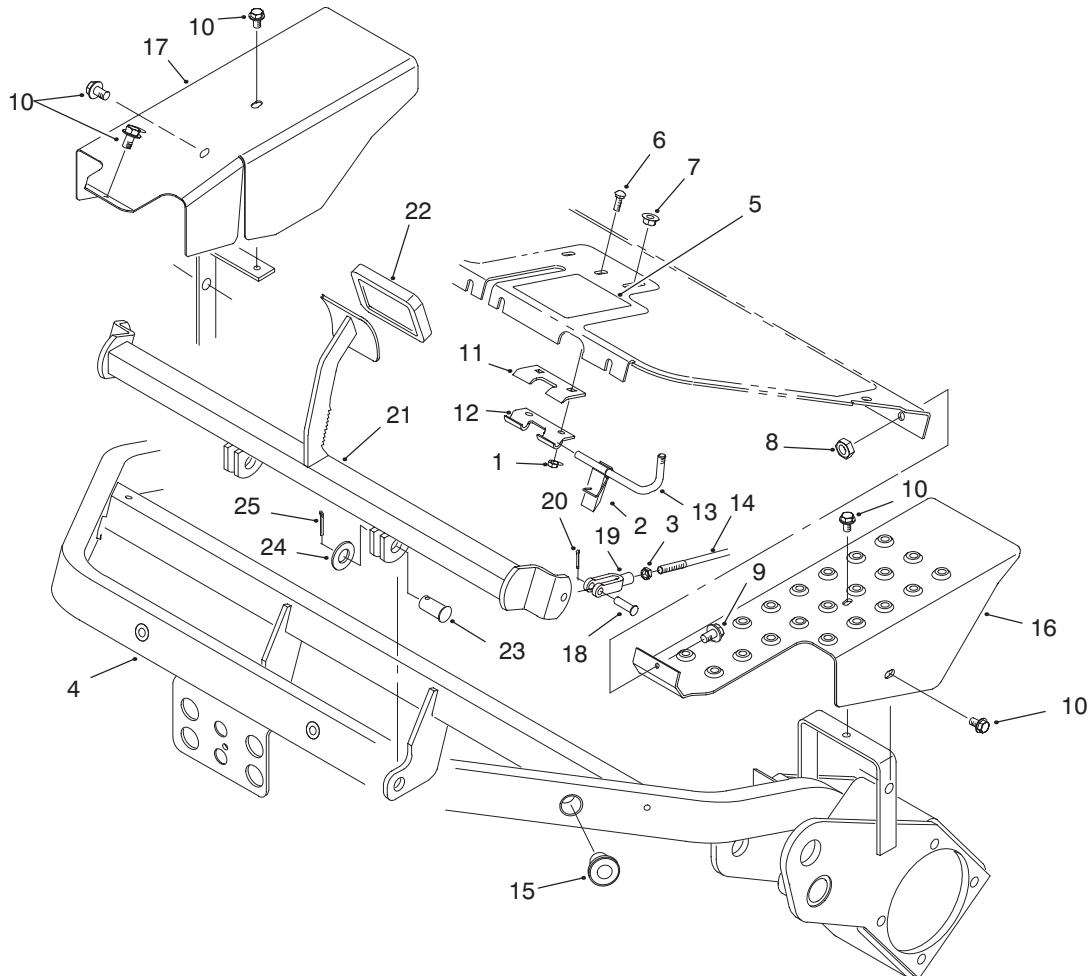




MODEL NO. 04381-60001 & UP

PARTS CATALOG

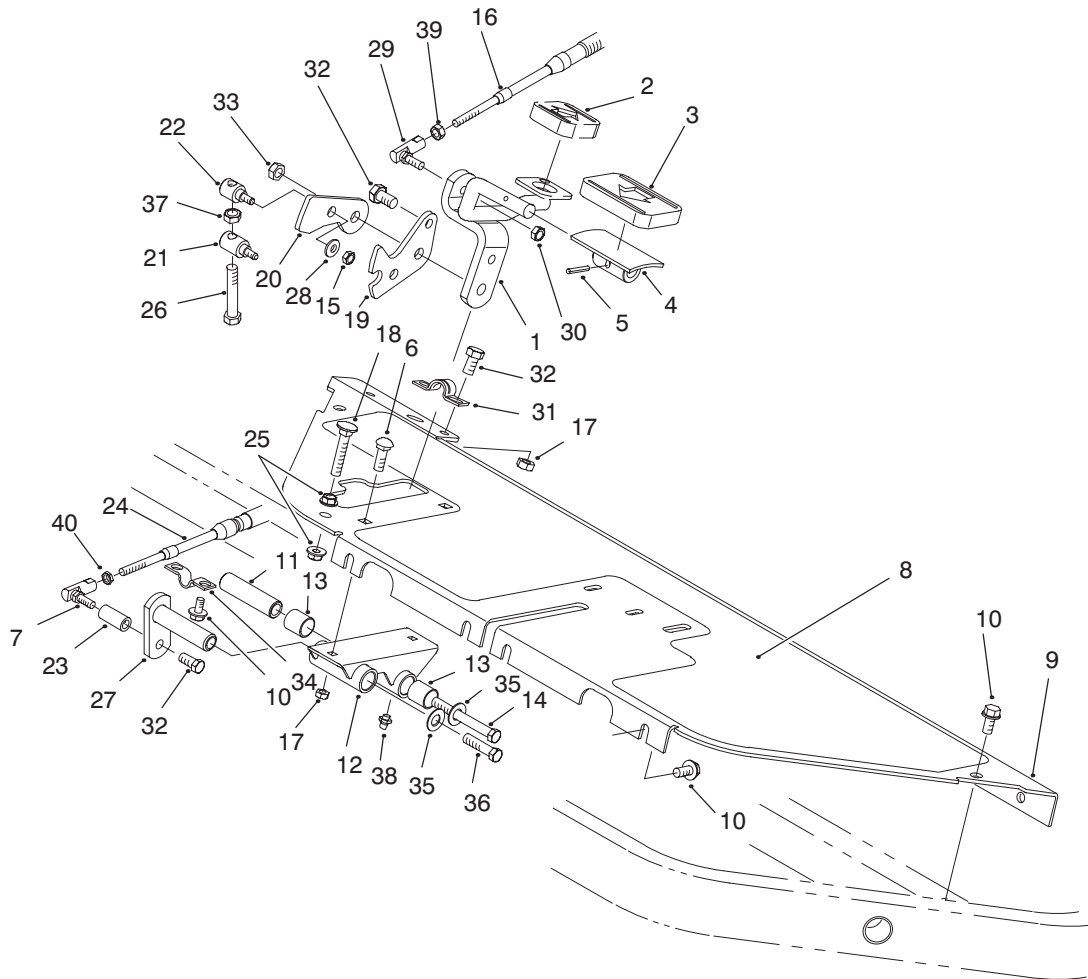
GREENSMASTER 3200D TRACTION UNIT



T-2222A

FRAME & BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	33023-00	Nut - Lock	2	14	93-2069	Rod - Brake	2
2	93-2276	Spring - Brake Latch	1	15	83-1700	Bushing - Flange	3
3	3220-2	Nut - Jam	1	16	93-2073	Shield - Wheel LH	1
4	93-2010	Frame	1	17	93-2072	Shield - Wheel RH	1
5	93-8062	Decal - Parking Brake	1	18	283-61	Pin - Clevis	2
6	33123-016	Screw - Carriage	2	19	282-2	Clevis	2
7	32141-111	Nut - Adjustable	1	20	3272-6	Pin - Cotter	2
8	33024-00	Nut - Lock	1	21	93-2075	Brake Pedal	1
9	33114-020	Screw - HH	1	22	93-7629	Pad - Foot Brake	1
10	32144-14	Screw - HH	5	23	283-87	Pin - Clevis	2
11	10-7880	Hinge - Upper	1	24	3256-27	Washer - Flat	2
12	10-7890	Hinge - Lower	1	25	3272-11	Pin - Cotter	2
13	93-2080	Brake Latch	1				



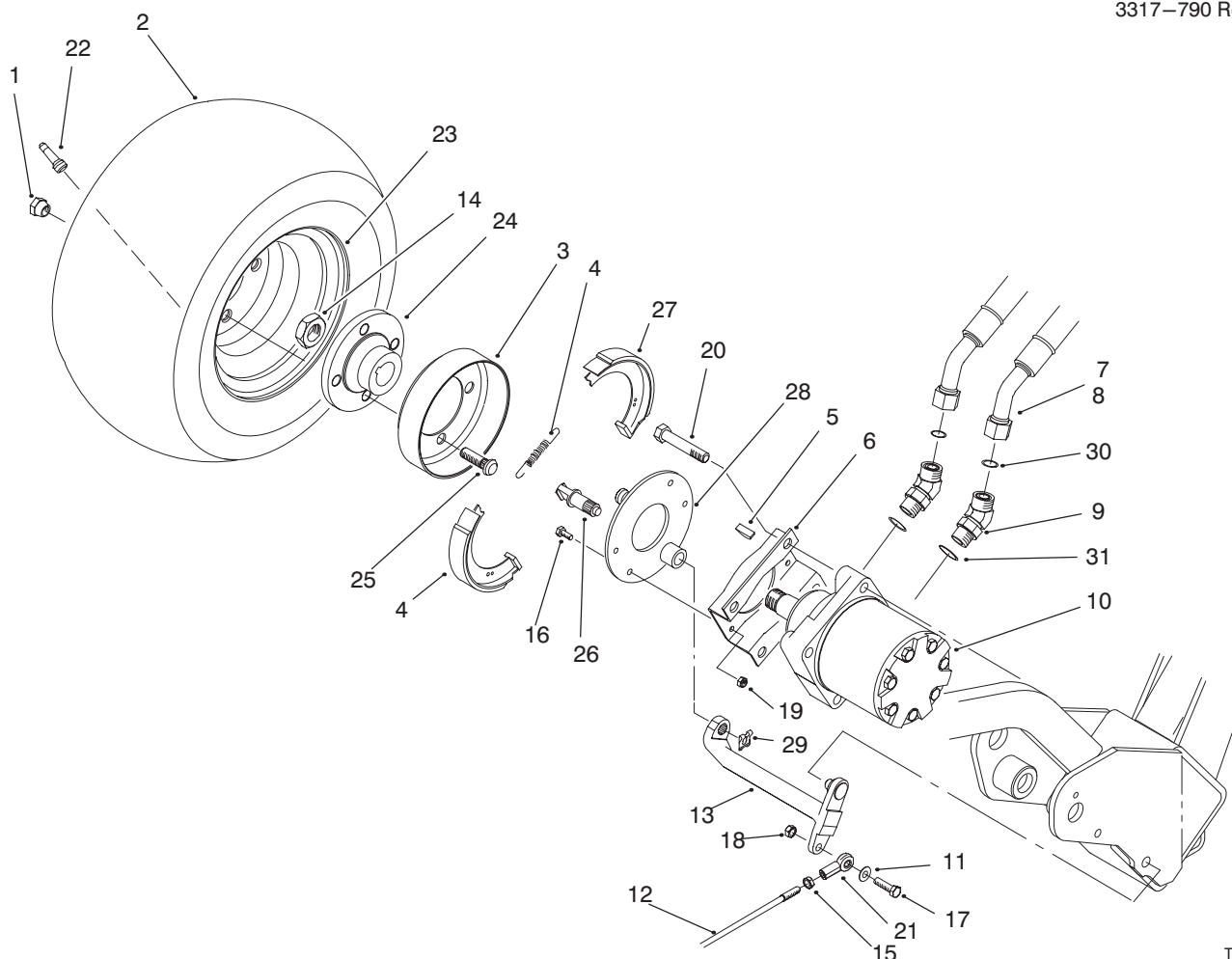
T-2242B

FLOOR PANEL & TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-2085	Rod	1
2	74-9110	Pad - Pedal Reverse	1
3	74-9100	Pad - Pedal Forward	1
4	49-6440	Pedal - Accelerator	1
5	32121-45	Roll Pin	1
6	33124-020	Screw - Carr.	2
7	2411-38	Ball Joint Assembly	1
8	93-2142	Pad - Floor Plate	1
9	93-2141	Plate - Floor	1
10	32144-14	Screw - HH	8
11	94-1371	Spacer	1
12	94-1383	Pedal Pivot	1
13	256-311	Bushing - Straight	4
14	33115-090	Screw - HH	1
15	33023-00	Nut - Lock	2
16	93-2099	Cable - Traction Control	1
17	33024-00	Nut - Lock	4
18	17-9420	Screw - Handle	1
19	94-1373	Bracket - Lock	1
20	94-1372	Bracket - Mow	1

Ref. No.	Part No.	Description	No. Used
21	94-1375	Trunion Lock Bracket	1
22	94-1374	Trunion Mow Bracket	1
23	94-1386	Shaft - Pedal Lock	1
24	94-1304	Cable - Neutral Lock	1
25	32128-20	Nut - Lock	2
26	94-3489	Screw - HH	1
27	94-1300	Neutral Lock	1
28	3256-1	Washer - Flat	2
29	2411-34	Ball Joint	1
30	3296-13	Nut - Lock	1
31	93-2092	Clamp - Cable	1
32	33114-016	Screw - HH	4
33	33025-00	Nut - Lock	1
34	93-2279	Clamp - Cable	1
35	3256-24	Washer - Flat	2
36	33115-016	Screw - HH	1
37	33014-00	Nut - Hex	1
38	302-5	Fitting - Grease	1
39	3220-1	Nut - Jam	1
40	3219-14	Nut - Hex.	1

* Not Illustrated.

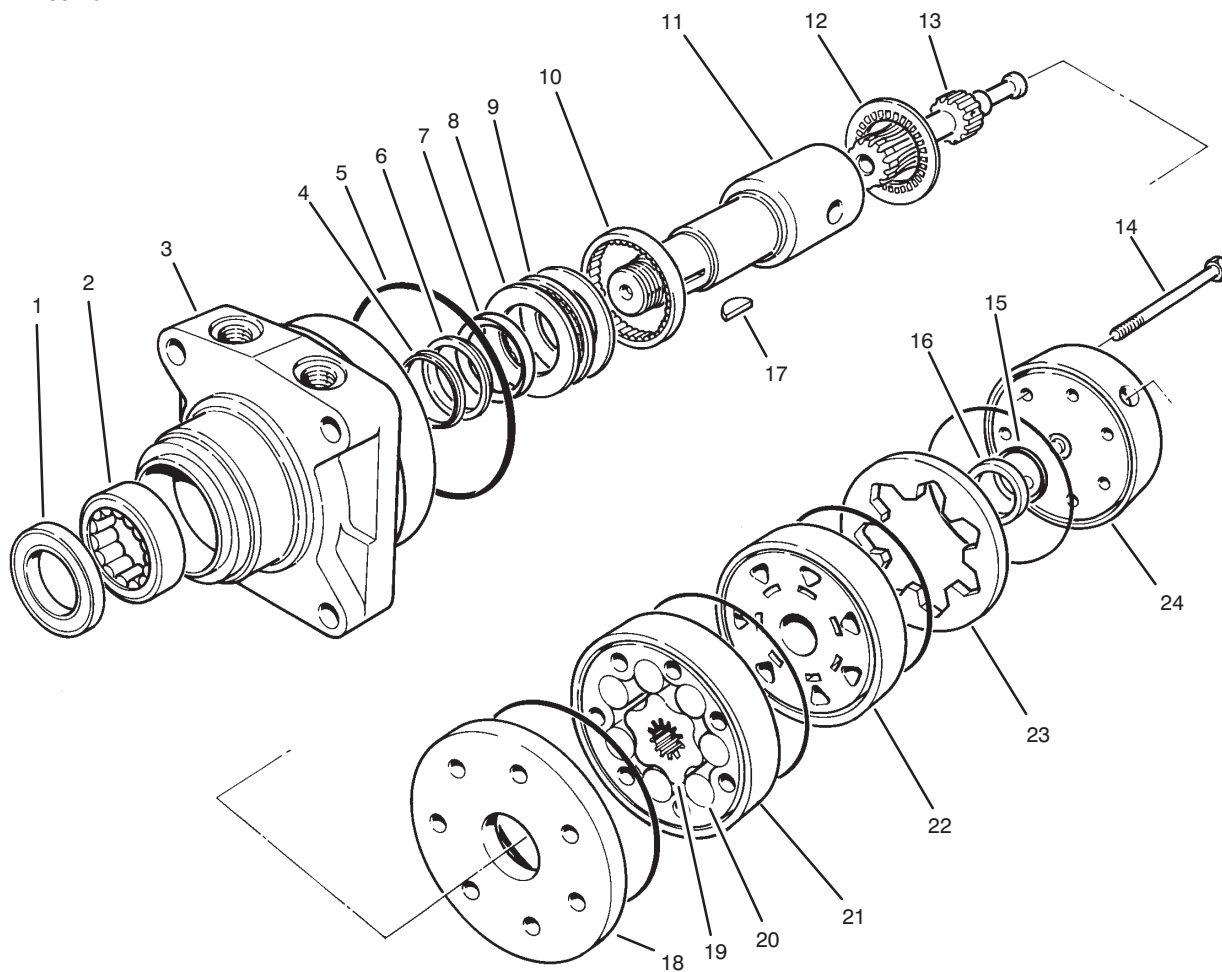


T-2223

FRONT WHEEL & BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	242-50	Nut - Lug	8	18	33024-00	Nut - Lock NI	2
2	28-3680	Tire	2	19	33023-00	Nut - Lock NI	8
3	10-6850	Drum - Brake	2	20	33116-060	Screw - HH	8
4	70-9880	Spring - Return	4	21	93-2070	Clevis - Swivel	2
5	3257-42	Key - Woodruff	2	22	232-24	Stem - Valve	2
6	84-2000	Bracket - Brake	2	23	217-60	Rim	2
7	94-5357	Hose Assembly - RH	2	24	10-6870	Hub - Wheel	2
8	94-5358	Hose Assembly - LH	2	25	85-6540	Stud - Drive	8
9	340-14	Fitting - 45° (Incl. Ref. #30-31)	4	26	70-9860	Cam - Brake	2
10	92-9199	Hydraulic Motor - Wheel	2	27	70-9840	Shoe - Brake	4
11	3256-23	Washer - Flat	2	28	70-9870	Plate - Backing	2
12	93-2069	Rod - Brake	2	29	70-9850	Clip - Retaining	2
13	93-2096	Lever - Brake	2	30	237-65	O-Ring	4
14	26-3790	Nut - Lock	2	31	237-80	O-Ring	4
15	3220-20	Nut - Jam	2	*	10-6821	Brake Drum Assembly (Incl. Ref. #3 & 24-25)	2
16	33113-020	Screw - HH	8	*	71-1500	Brake Assembly (Incl. Ref. #4 & 26-29)	2
17	33114-030	Screw - HH	2				

*Not Illustrated



T-0983

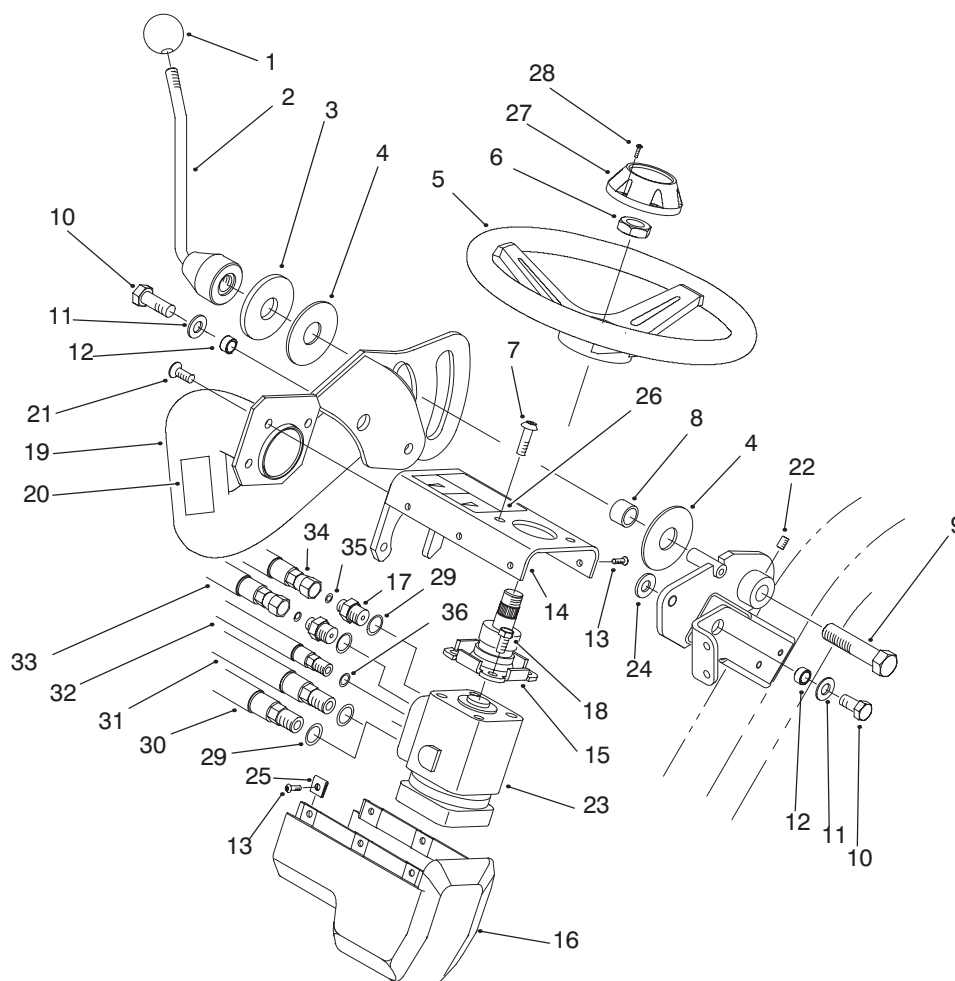
HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 92-9199

Ref. No.	Part No.	Description	No. Used
†1		Seal – Dirt & Water	1
†2		Bearing	1
†3		Housing	1
†4		Washer – Back-Up	1
†5		Ring – Seal	5
†6		Washer – Back-Up	1
†7		Seal – Inner	1
†8		Washer – Thrust	2
†9		Bearing – Thrust	1
†10		Bearing	1
11	76-0860	Shaft – Coupling	1
12	76-0850	Bearing – Thrust	1
13	92-9761	Link – Drive	7
14	92-9762	Screw – Cap Hex. Hd.	1
†15		Seal – Commutator	1
†16		Commutator	1

Ref. No.	Part No.	Description	No. Used
17	3257-42	Key – Woodruff	1
18	76-0870	Plate – Wear	1
†19		Rotor	1
†20		Vane	7
†21		Stator	1
22	76-0840	Manifold	1
†23		Ring – Commutator	1
24	76-0940	End Cover Assembly	1
*	92-9763	Rotor Set (Incl. Ref. #19-21)	1
*	76-0880	Commutator Assembly (Incl. Ref. #15, 16 & 23)	1
*	76-0800	Seal Kit (Incl. Ref. #1, 4-7 & 15)	1
*	76-0810	Housing Assembly (Incl. Ref. #2, 3 & 8-10)	1

*Not Illustrated

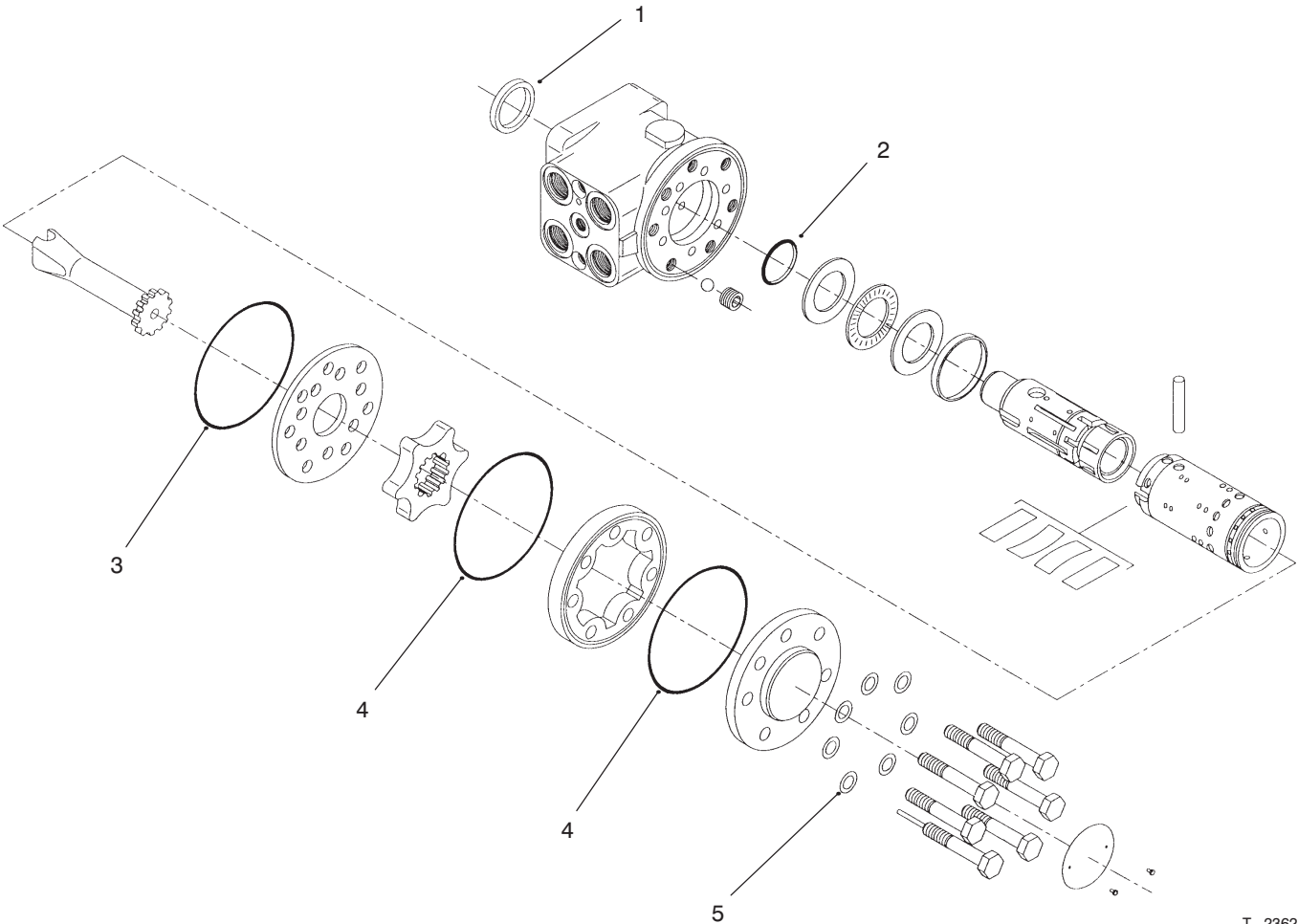
†Not Serviced Separately



T-2224

STEERING ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	233-48	Knob	1	18	323-4	Screw - HH	2
2	93-2400	Lockup Handle	1	19	93-2115	Steering Arm	1
3	83-0760	Spacer - Lockup	1	20	93-8068	Decal - Steering Arm	1
4	83-0740	Disc - Friction	2	21	3274-80	Screw - HSBH	3
5	68-5130	Wheel - Steering (Incl. Ref. #27-28)	1	22	3242-2	Screw - Set	1
6	47-6990	Nut - Steering Wheel	1	23	93-2120	Steering Control Valve	1
7	3274-63	Screw - HSBH	2	24	65-6390	Washer - Thrust	1
8	83-0730	Spacer - Lockup	1	25	3290-277	Nut - Speed	6
9	93-2199	Screw - HH	1	26	93-8063	Decal - Warning	1
10	325-4	Screw - HH	2	27	68-5140	Cap - Steering Wheel	1
11	3256-26	Washer - Flat	2	28	32144-21	Screw - PPH	2
12	47-2890	Bushing	2	29	237-79	O-Ring	4
13	3274-39	Screw - HSBH	6	30	93-2272	Hose Assembly	1
14	94-3461	Steering Cover	1	31	93-2252	Hose Assembly	1
15	83-1420	Steering Column Assembly	1	32	93-2269	Hose Assembly	1
16	83-0810	Cover - Steering Valve	1	33	93-2270	Hose Assembly	1
17	340-133	Fitting - Hydraulic (Incl. Ref. #29-30)	2	34	93-2271	Hose Assembly	1
				35	237-21	O-Ring	2
				36	237-42	O-Ring	1



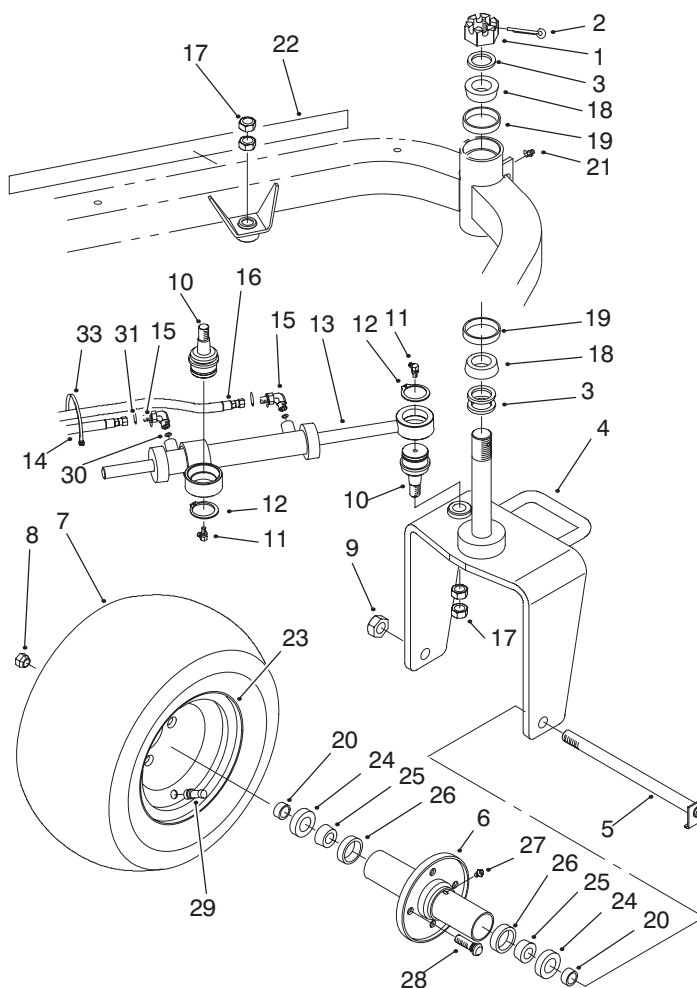
T-2362

STEERING CONTROL VALVE NO. 93—2120

Ref. No.	Part No.	Description	No. Used
†1		Ring – Dust Seal	1
†2		O–Ring	1
†3		O–Ring	1
†4		O–Ring	2

Ref. No.	Part No.	Description	No. Used
†5		Washer	7
*	94—4929	Kit – Seal (Incl. Ref. #1–5)	1

†Not Serviced Separately

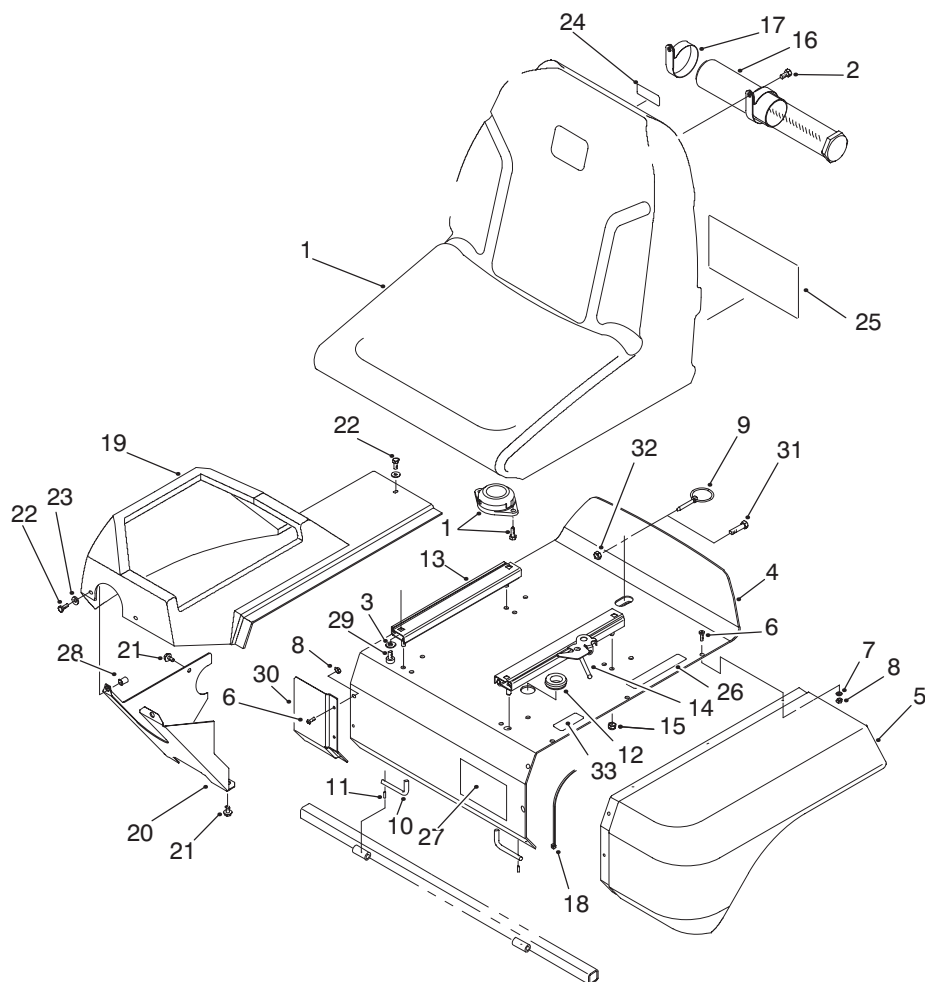


T-2225

REAR WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32136-9	Nut - Hex	1	17	3220-6	Nut - Jam	4
2	3272-37	Pin - Cotter	1	18	254-70	Bearing Cone	2
3	18-6320	Washer - Steering	3	19	254-61	Bearing - Cup	2
4	93-2125	Castor Fork	1	20	74-3730	Spacer - Cylinder	2
5	5-3934	Bolt	1	21	302-5	Fitting - Grease, Str.	1
6	75-9440	Hub - Wheel	1	22	93-2233	Decal -GR3200	2
7	28-3680	Tire	1	23	217-60	Rim	1
8	242-50	Nut - Lug	4	24	253-111	Seal - Shaft	2
9	3296-67	Nut - Lock NI	1	25	254-78	Cone - Bearing	2
10	92-5838	Ball Joint	2	26	254-79	Cup - Bearing	2
11	302-60	Fitting - Grease, 90°	2	27	302-55	Fitting - Grease	1
12	32151-104	Ring - Retaining, Ext.	2	28	10-6830	Stud - Drive	4
13	93-2122	Cylinder Asm - Steering (Incl. Ref. #32)	1	29	232-27	Valve Stem w/Cap	1
14	93-2270	Hose Assembly	1	30	237-78	O-Ring	2
15	340-132	Fitting - Hydraulic	2	31	237-21	O-Ring	2
16	93-2269	Hose Assembly	1	*32	94-4398	Kit - Seal, Repair	1
				33	3290-378	Tie - Cable	1

*Not Illustrated



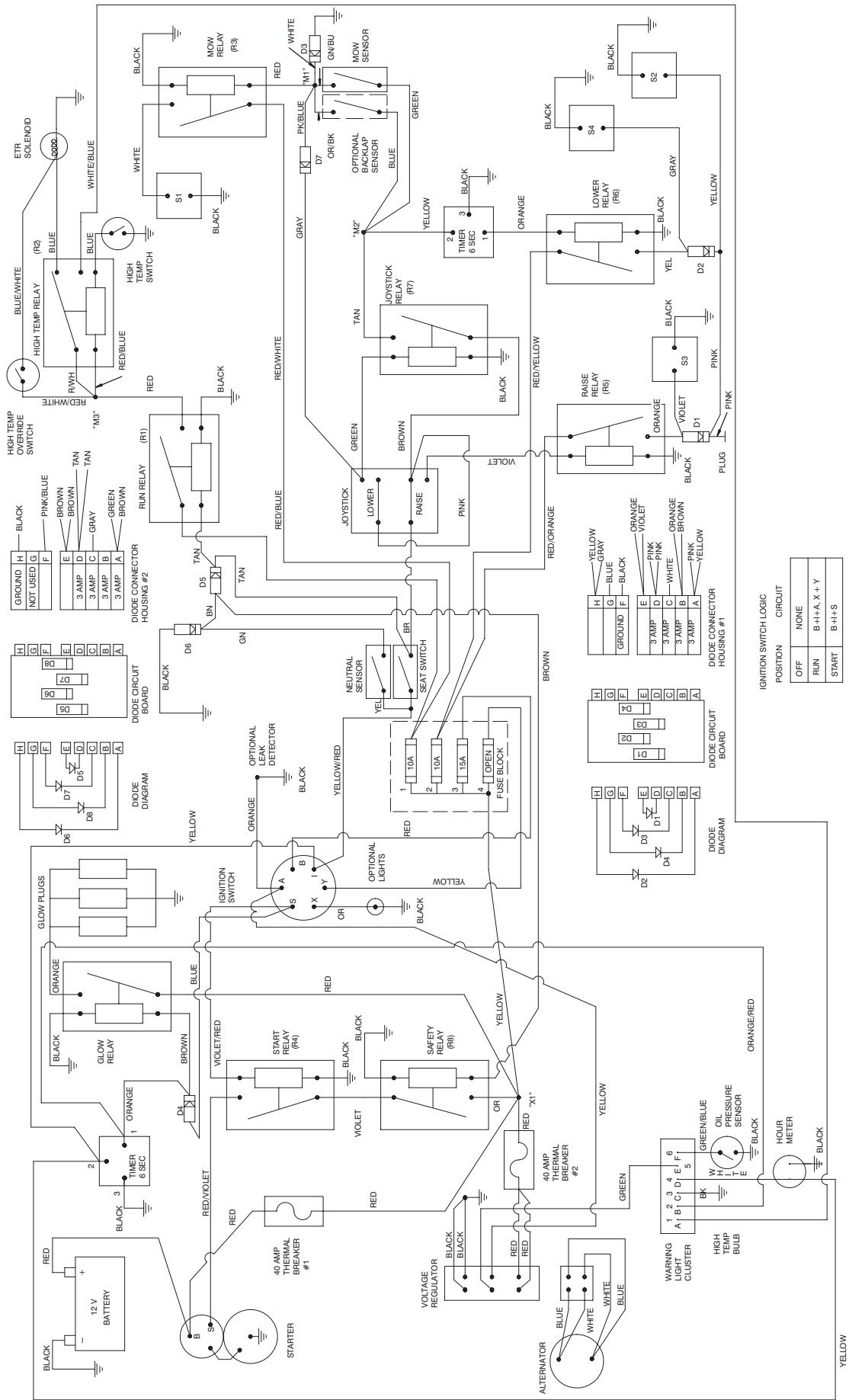
T-2226B

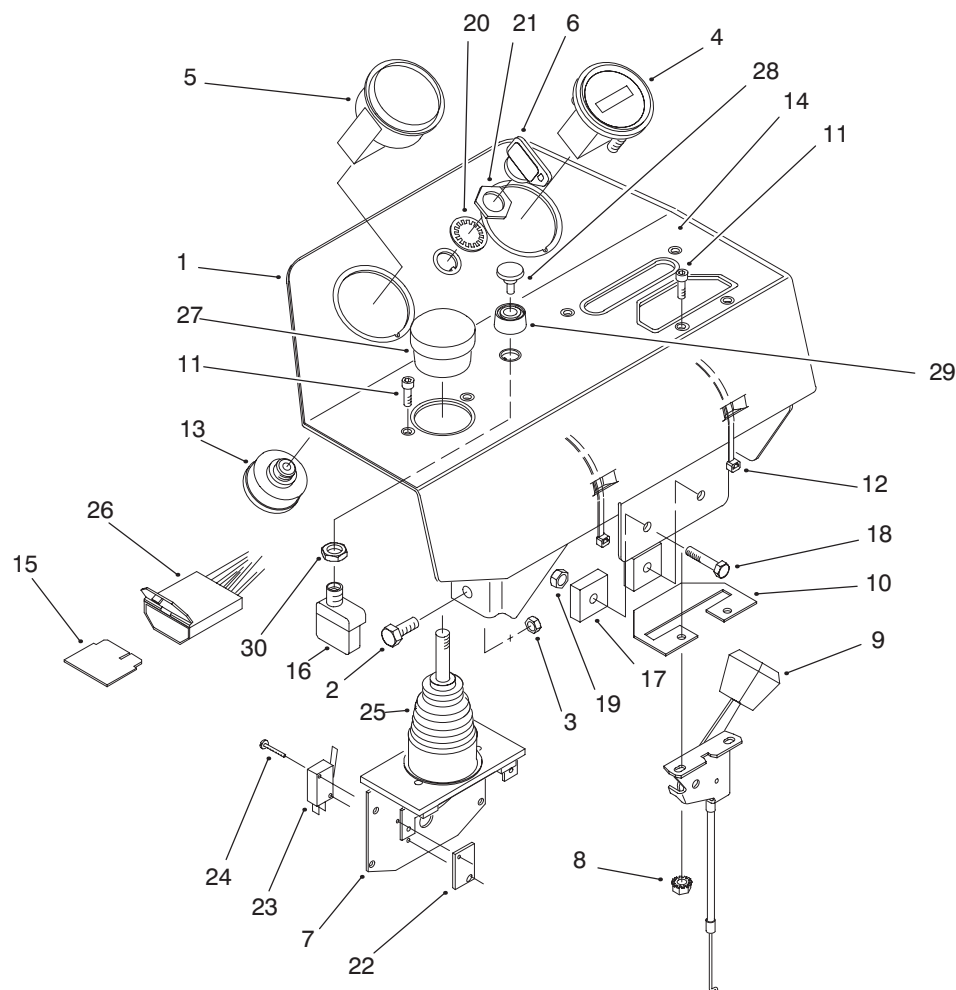
SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-6280	Seat	1
2	322-2	Screw – HH	2
3	3256-23	Washer – Flat	4
4	93-2135	Support – Seat	1
5	93-2128	Panel – Seat Base	1
6	3274-39	Screw – HSBH	9
7	3256-77	Washer – Flat	6
8	3296-12	Nut – Lock	9
9	283-72	Pin – Lynch	1
10	93-2422	Rod – Seat Pivot	2
11	32121-7	Pin – Spring	2
12	237-100	Grommet	1
13	92-8990	Adjuster – Seat	1
14	92-8991	Adjuster w/Latch	1
15	3296-29	Nut – Lock	4
16	74-0720	Tube – Manual	1
17	2412-133	Clamp – R	2
18	3290-378	Tie – Cable	1
19	93-2578	Shroud – Console	1
20	94-4547	Panel – Lower	1
21	32144-14	Screw – HH	2
22	33113-016	Screw – HH	3
23	3256-1	Washer – Flat	3

Ref. No.	Part No.	Description	No. Used
24	93-6686	Decal – Hydraulic Oil	1
25	94-1351	Decal – Service	1
25	94-4561	Decal – Service (Danish)	1
25	94-4562	Decal – Service (Dutch)	1
25	94-4563	Decal – Service (Finnish)	1
25	94-4564	Decal – Service (French)	1
25	94-4565	Decal – Service (German)	1
25	94-4566	Decal – Service (Italian)	1
25	94-4567	Decal – Service (Japanese)	1
25	94-4568	Decal – Service (Norwegian)	1
25	94-4569	Decal – Service (Portuguese)	1
25	94-4570	Decal – Service (Spanish)	1
25	94-4571	Decal – Service (Swedish)	1
26	93-6689	Decal – No Rider	1
27	94-2579	Decal – Toro	1
28	93-5447	Insert – Threaded	2
29	3274-12	Screw – HSH	4
30	94-4546	Panel – Extension	1
31	33113-030	Screw – HH (Europe)	1
32	33023-00	Nut – Lock NI (Europe)	1
33	93-7252	Decal – CE Mark	1

ELECTRICAL SCHEMATIC



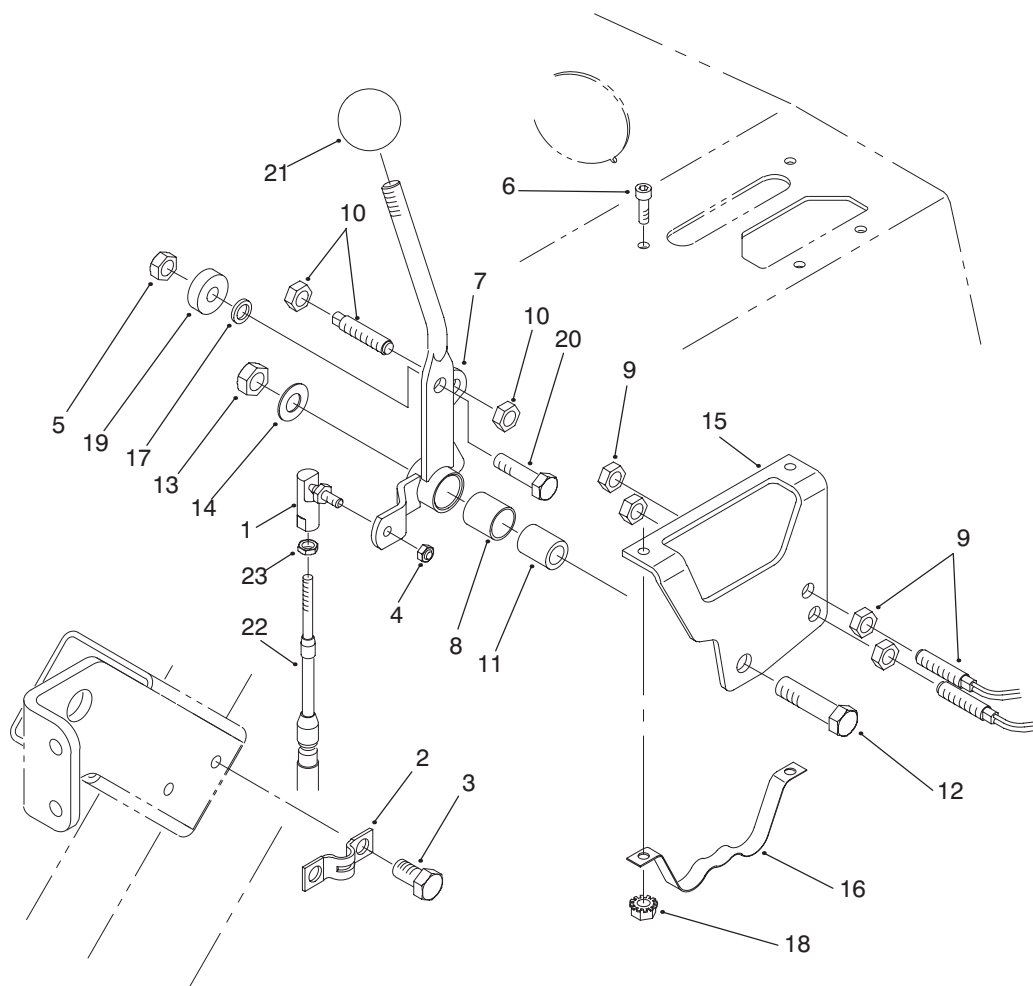


T-2292

CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-6953	Console	1
2	33114-020	Screw - HH	4
3	33024-00	Nut - Lock NI	4
4	66-2950	Gauge - Hour Meter	1
5	92-9775	Warning Light Cluster	1
6	63-8360	Key - Ignition	2
7	75-3420	Lever - Control	1
8	32149-8	Nut - Keps	2
9	93-2322	Control - Throttle	1
10	85-9190	Plate - Control	1
11	3273-26	Screw - PPH	4
12	3290-378	Tie - Cable	2
13	27-2360	Switch - Ignition	1
14	94-8077	Decal - Console	1
15	92-3188	Diode - Circuit Board	1
16	72-9760	Switch - Override (Incl. Ref. #30)	1

Ref. No.	Part No.	Description	No. Used
17	92-2538	Timer - Glow Plug	2
18	33113-030	Screw - HH	2
19	33023-00	Nut - Lock NI	2
20	218-446	Washer - Lock	1
21	218-447	Nut - Hex.	1
22	3290-354	Plate - Nut	2
23	218-590	Switch - Micro	2
24	3290-93	Screw - HH	4
25	3290-488	Boot - Control, Lift	1
26	93-2340	Harness - Wire	1
27	3290-489	Knob - Control, Lift	1
28	43-6280	Button - Push	1
29	43-6420	Bezel	1
30	218-498	Nut - Hex.	1



T-2265

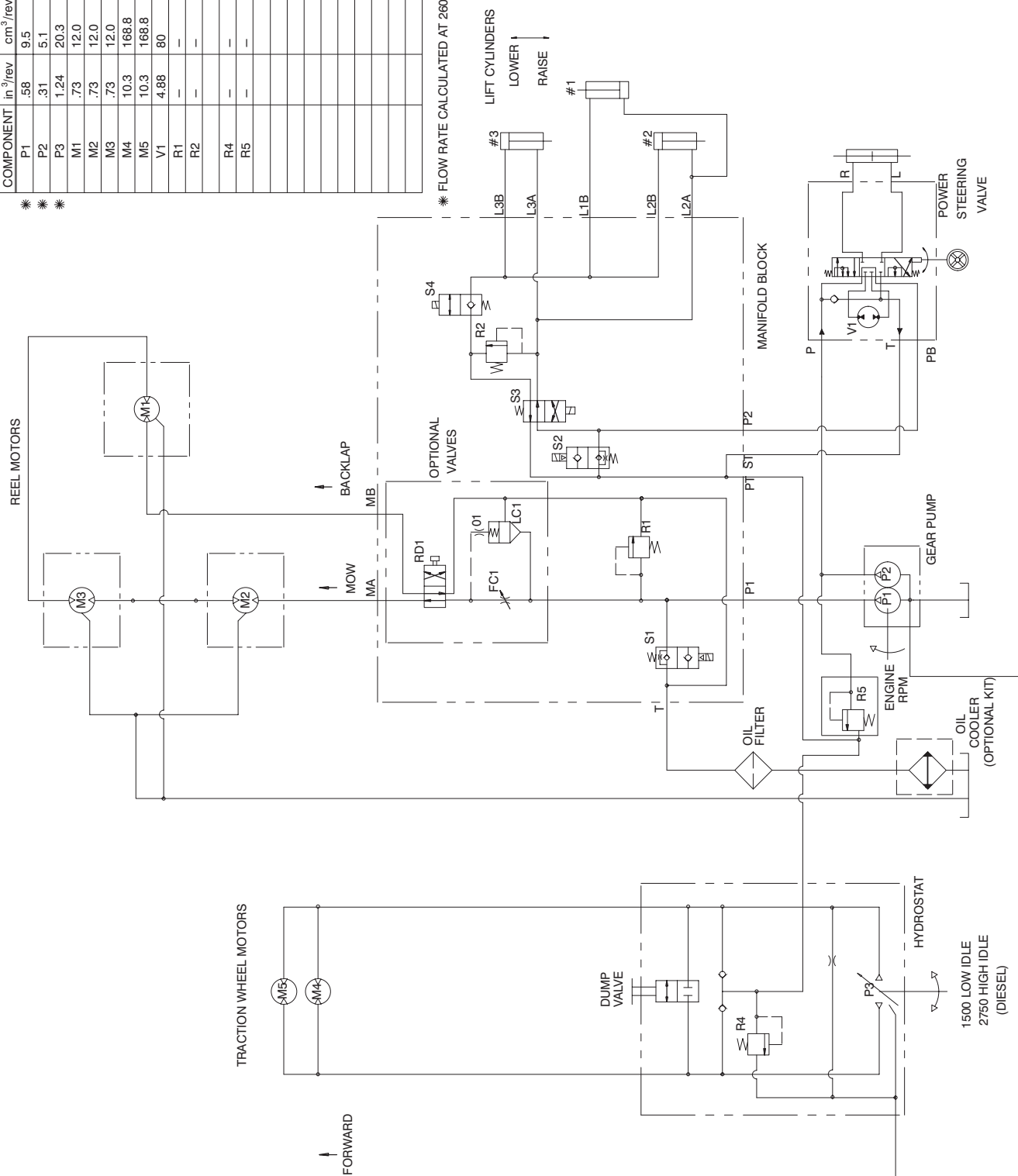
TRACTION HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2411-38	Ball Joint	1	13	33025-00	Nut - Lock NI	1
2	93-2279	Clamp - Cable	1	14	3256-24	Washer - Flat	1
3	33113-008	Screw - HH	2	15	93-2058	Bracket - Traction	1
4	3296-27	Nut - Lock	1	16	93-2064	Spring - Detent	1
5	33024-00	Nut - Lock NI	1	17	75-5470	Spacer	1
6	3273-26	Screw - HSH	2	18	32149-8	Nut - Keps	2
7	94-1353	Handle	1	19	251-259	Bearing - Ball	1
8	256-311	Bushing - Straight	1	20	33114-030	Screw - HH	1
9	93-2055	Reed Switch - Sensor	2	21	233-42	Knob	1
10	93-2056	Reed Switch - Actuator	1	22	94-1304	Cable - Neutral Lock (Incl. Ref. #23)	1
11	94-1378	Tube - Handle Pivot	1	23	3219-14	Nut - Jam	1
12	33115-040	Screw - HH	1				

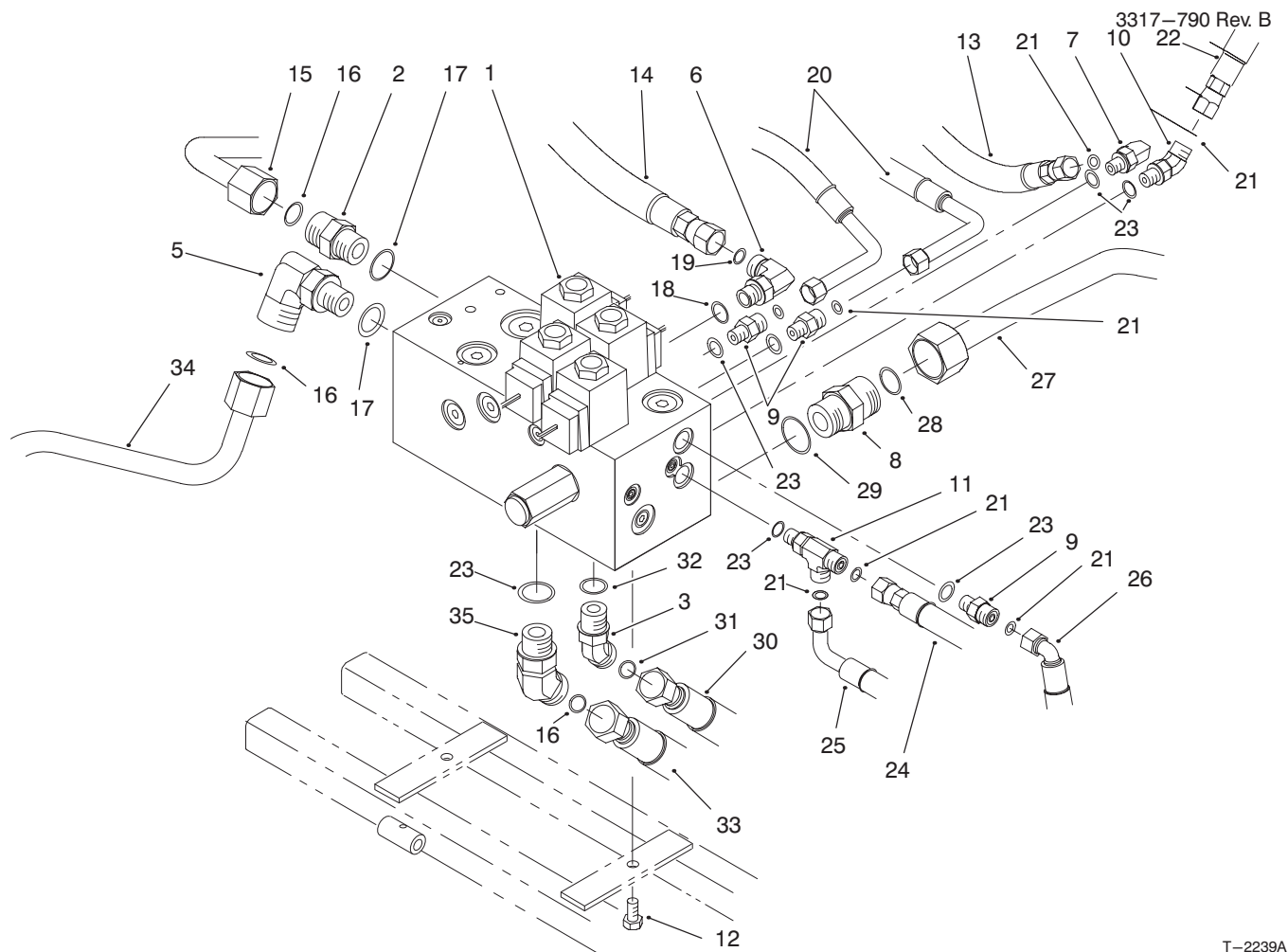
HYDRAULIC SCHEMATIC

[illegible]

* FLOW RATE CALCULATED AT 2600 RPM AND 98% EFFICIENCY



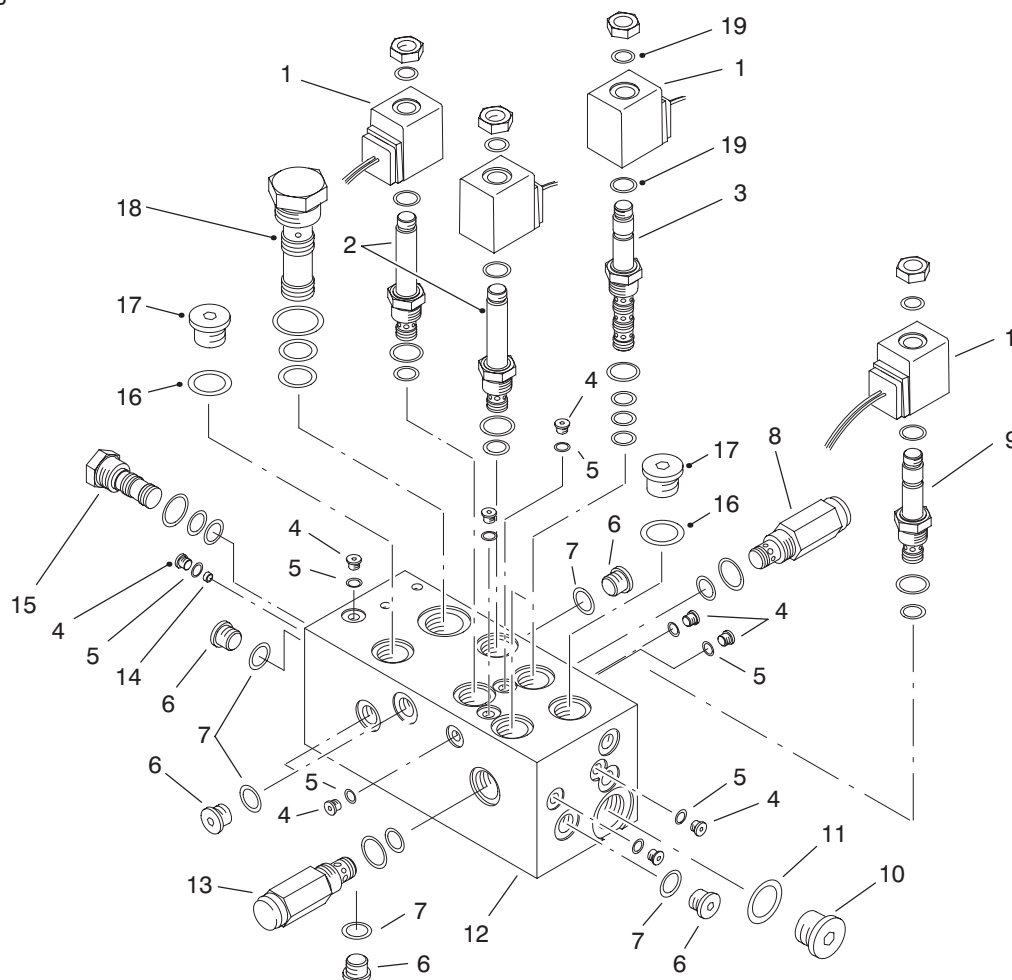
T-2276A



T-2239A

MANIFOLD INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-2240	Manifold Assembly	1	15	94-1317	Tube – Hydraulic	1
2	340-7	Fitting – Hydraulic (Incl. Ref. #16-17)	1	16	237-65	O-Ring	3
3	340-138	Fitting – Hydraulic 45° (Incl. Ref. #31-32)	1	17	237-80	O-Ring	2
5	340-17	Fitting – Hydraulic 90° (Incl. Ref. #16-17)	1	18	237-42	O-Ring	1
6	340-77	Fitting – Hydraulic 90° (Incl. Ref. #18-19)	1	19	237-22	O-Ring	1
7	340-132	Fitting – Hydraulic 90° (Incl. Ref. #21 & 23)	1	20	93-2254	Hose Assembly	2
8	340-9	Fitting – Hydraulic (Incl. Ref. #28-29)	1	21	237-21	O-Ring	7
9	340-92	Fitting – Hydraulic (Incl. Ref. #21 & 23)	3	22	94-3477	Hose Assembly	1
10	340-103	Fitting – Hydraulic 45° (Incl. Ref. #21 & 23)	1	23	237-78	O-Ring	7
11	340-140	Tee – Hydraulic (Incl. Ref. #21 & 23)	1	24	93-2258	Hose Assembly	1
12	33114-016	Screw – HH	2	25	93-2256	Hose Assembly	1
13	93-2271	Hose Assembly	1	26	93-2255	Hose Assembly	1
14	93-2272	Hose Assembly	1	27	94-4518	Tube – Hydraulic	1
				28	237-58	O-Ring	1
				29	237-81	O-Ring	1
				30	94-6383	Hose Assembly	1
				31	237-30	O-Ring	1
				32	237-79	O-Ring	1
				33	94-1332	Hose Assembly	1
				34	94-1320	Tube – Hydraulic	1
				35	340-14	Fitting – Hydraulic (Incl. Ref. #16 & 23)	1



T-2251

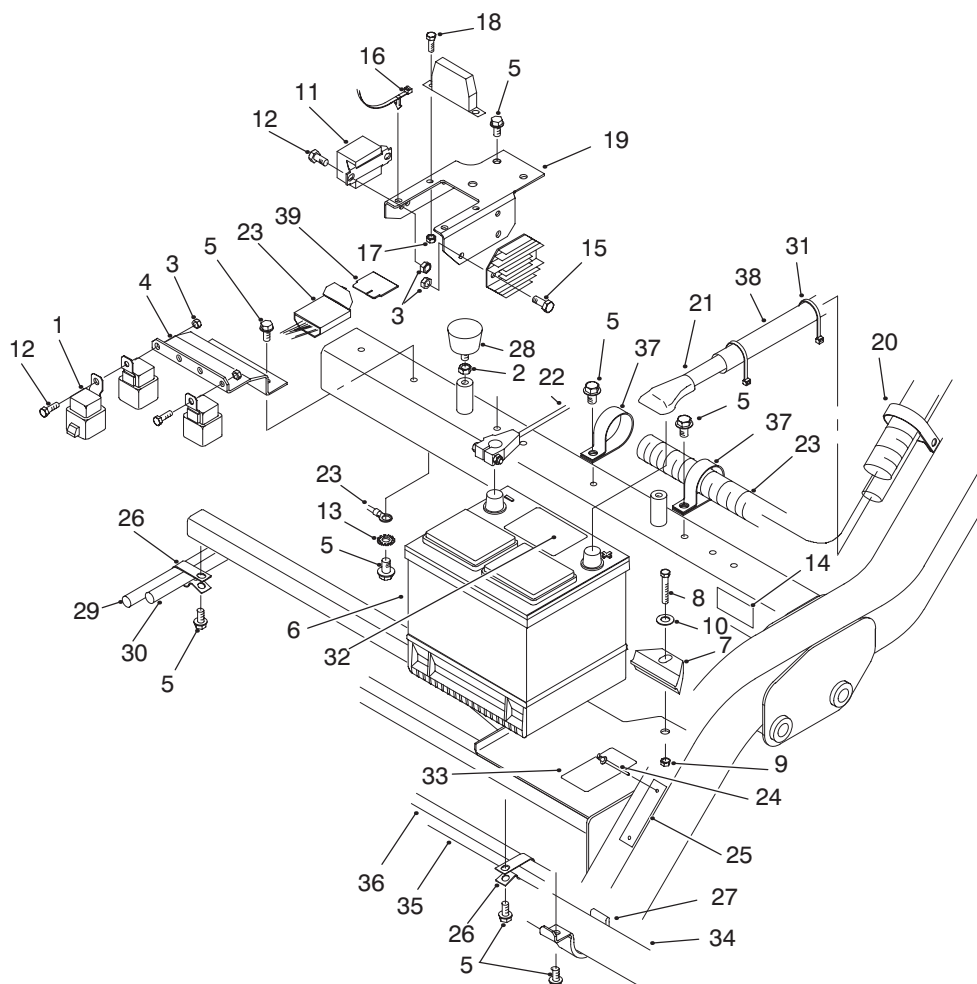
MANIFOLD ASSEMBLY NO. 93-2240

Ref. No.	Part No.	Description	No. Used
1	88-9190	Solenoid — 20 Watt	4
2	93-7494	Cartridge — N.O. Poppet (Use Seal Kit #75-2080)	2
3	94-2627	Cartridge (Use Seal Kit #75-2090)	1
4	353-991	Plug (Incl. Ref. #5)	9
5	237-156	O-Ring	9
6	353-989	Plug (Incl. Ref. #7)	6
7	237-42	O-Ring	6
8	75-2010	Cartridge — Relief 2000 psi (Use Seal Kit #75-2080)	1
9	92-6315	Cartridge — N.C. (Use Seal Kit #75-2080)	1
10	353-988	Plug (Incl. Ref. #11)	1
11	237-79	O-Ring	1

Ref. No.	Part No.	Description	No. Used
†12		Body — Manifold	1
13	94-6351	Cartridge — Relief 150 psi (Use Seal Kit #75-2080)	1
14	94-6354	Plug — Orifice	1
15	94-6353	Cartridge Valve Assembly (Use Seal Kit #69-4240)	1
16	237-80	O-Ring	2
17	354-70	Plug (Incl. Ref. #16)	2
18	94-6352	Plug — Cavity (Use Seal Kit #94-3661)	1
19	94-5438	Seal — Solenoid	8
*	75-2080	Seal Kit	5
*	69-4240	Seal Kit	1
*	75-2090	Seal Kit	1
*	94-3661	Seal Kit	1

*Not Illustrated

†Not serviced separately

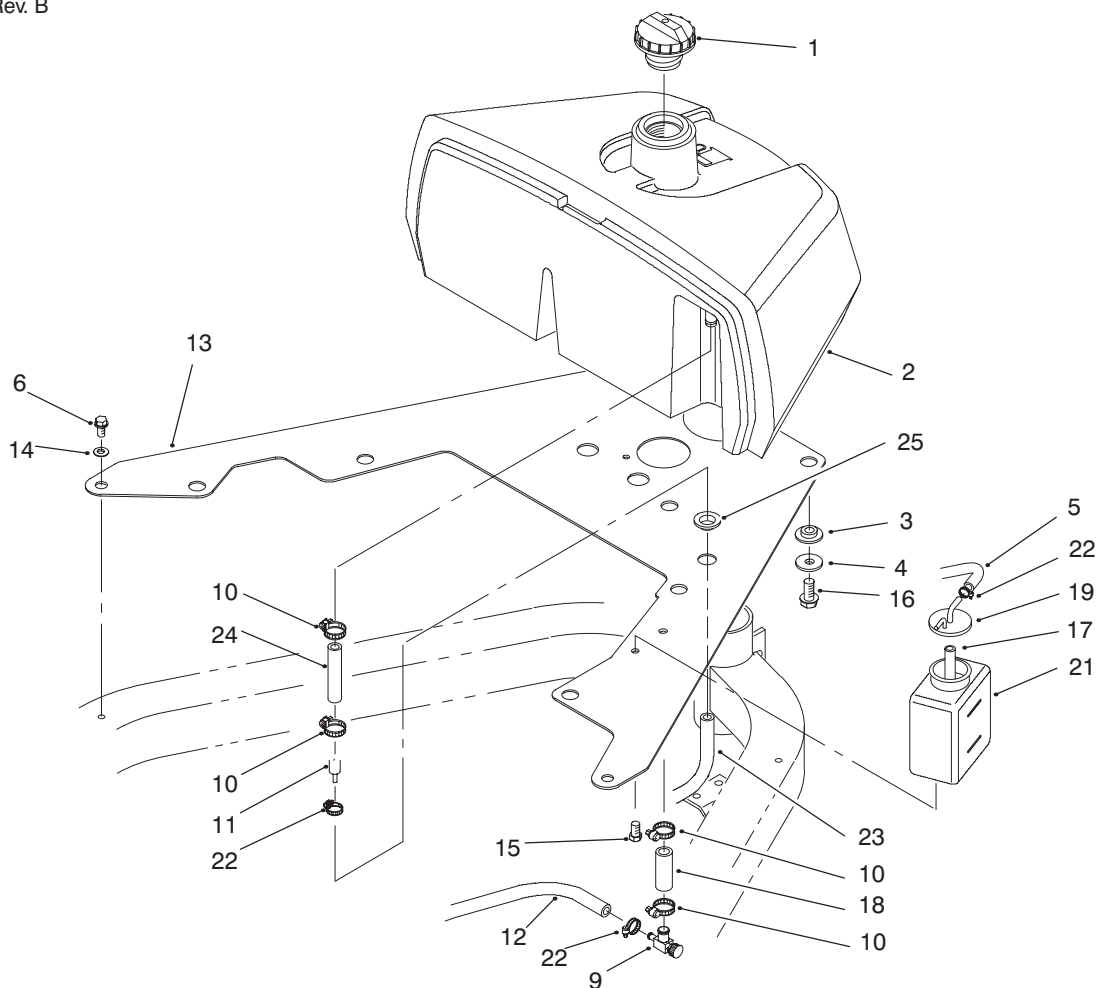


T-2275A

ELECTRONICS INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	70-1480	Relay	8	21	93-2343	Cable - Battery Positive	1
2	3218-2	Nut - Hex Jam	2	22	93-2344	Cable - Battery Negative	1
3	33023-00	Nut - Lock	8	23	93-2340	Wire Harness	1
4	93-2169	Bracket - Relay	1	24	3290-415	Rivet - Pop	2
5	32144-14	Screw - HH	13	†25		Serial Plate	1
6	66-2750	Battery	1	26	92-5753	Clamp - Hose Double	2
7	66-2490	Retainer - Battery	1	27	93-2036	Clamp - Air Hose	1
8	33115-040	Screw - HH	1	28	68-3270	Bumper	2
9	33025-00	Nut - Lock	1	29	93-2270	Hose Assembly	1
10	3256-24	Washer - Flat	1	30	93-2269	Hose Assembly	1
11	66-8800	Relay - Glow Plug	1	31	3290-378	Tie - Cable	2
12	33113-016	Screw - HH	6	32	93-7276	Decal - Danger	1
13	3254-2	Washer - Lock	1	33	93-6668	Decal - Battery	1
14	88-1270	Decal - Safety	1	34	93-2035	Hose - Air Cleaner	1
15	33113-030	Screw - HH	2	35	93-2256	Hose Assembly	1
16	94-1325	Push Mount Tie	2	36	93-2255	Hose Assembly	1
17	3296-2	Nut - Lock	2	37	2412-39	Clamp - R	2
18	32105-13	Screw - HH	2	38	94-4519	Tube - Convoluted	1
19	93-2123	Bracket - Fuse Block	1	39	92-3188	Diode - Circuit Board	1
20	2412-104	Clamp - R	3				

†Not serviced

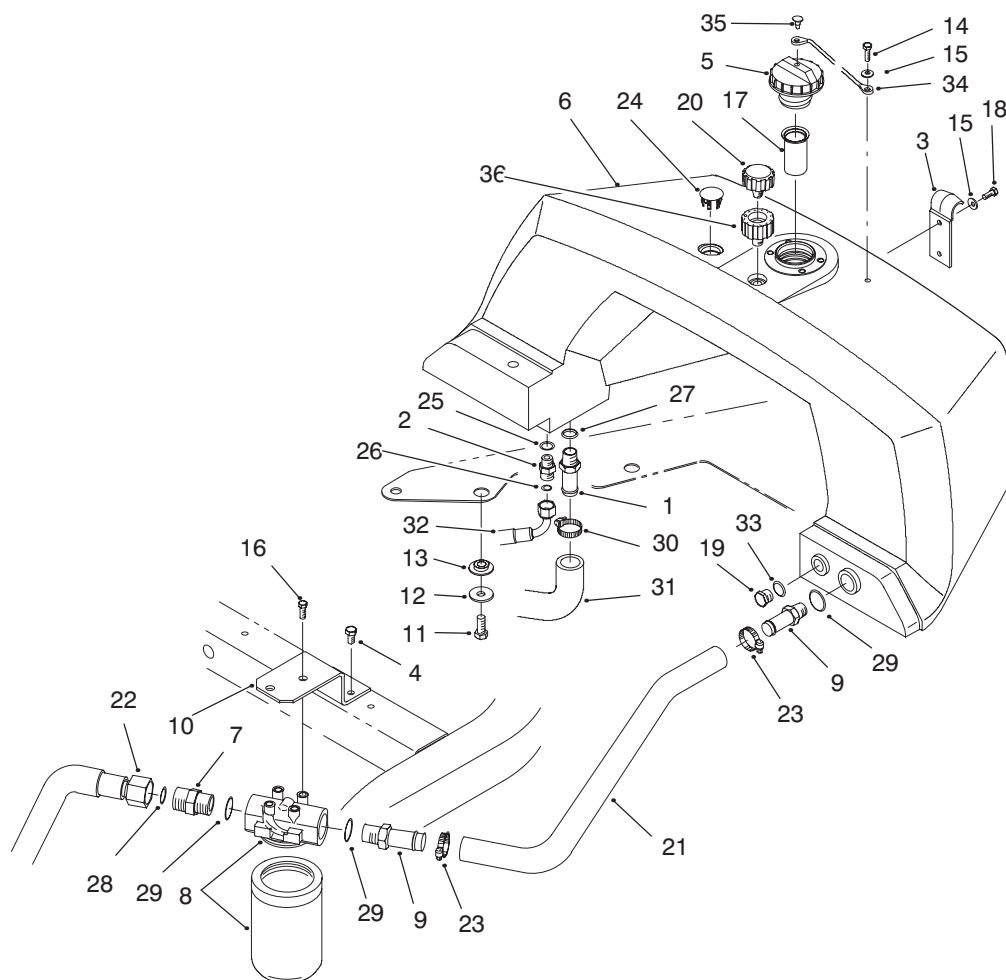


T-2271

FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-3102	Fuel Cap – Diesel	1
2	93-2225	Tank – Fuel	1
3	240-11	Grommet	3
4	63-8410	Washer – Flat	3
5	93-2260	Hose – Expansion Tank	1
6	32144-14	Screw – HH	3
9	56-2520	Fitting – Fuel Shut Off	1
10	2412-36	Clamp – Hose	4
11	93-2299	Fitting – Fuel	1
12	93-2230	Hose – Fuel	1
13	94-1364	Plate	1

Ref. No.	Part No.	Description	No. Used
14	3256-23	Washer – Flat	2
15	33114-016	Screw – HH	2
16	33115-025	Screw – HH	3
17	94-1348	Hose – Tank	1
18	94-4353	Hose – Fuel	1
19	93-2048	Cap – Overflow Tank	1
21	93-2049	Tank – Overflow	1
22	2412-108	Clamp – Hose	3
23	93-2298	Hose – Fuel	1
24	56-2230	Hose – Fuel	1
25	237-124	Grommet	1

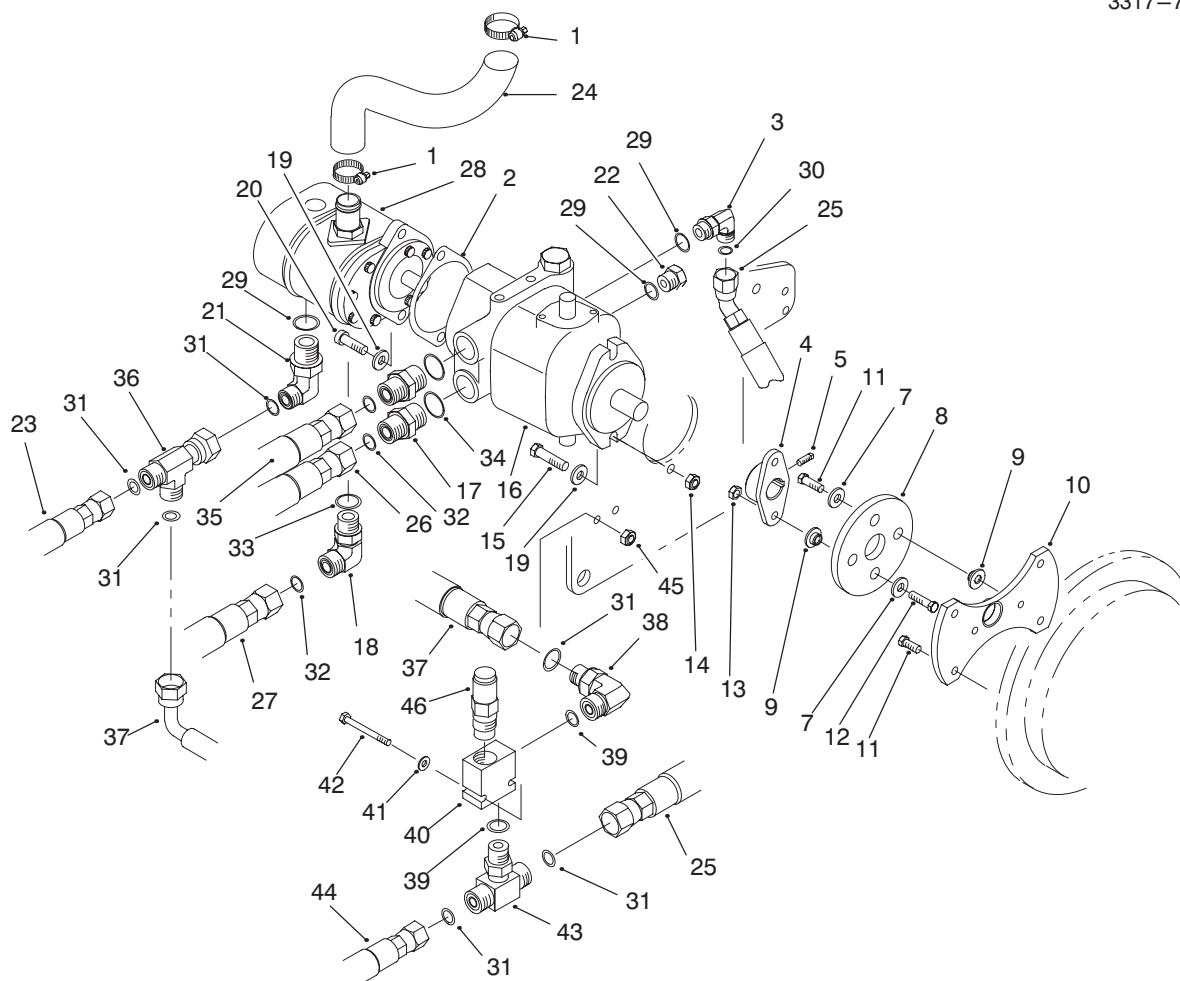


T-2272A

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	354-78	Fitting - Hydraulic (Incl. Ref. 27)	1	17	93-2275	Screen - Filler	1
2	340-2	Fitting - Hydraulic (Incl. Ref. 25 & 26)	1	18	33113-016	Screw - HH	2
3	93-2438	Clamp - Fuel Tank	1	19	353-988	Plug (Incl. Ref. 33)	1
4	32144-14	Screw - HH	2	20	68-6150	Breather - Air	1
5	93-7160	Cap - Hydraulic Oil (Incl. Ref. #34-35)	1	21	94-4517	Hose - Formed	1
6	93-2235	Tank - Hydraulic	1	22	94-4518	Hose - Assembly	1
7	340-9	Fitting - Hydraulic (Incl. Ref. 28 & 29)	1	23	2412-129	Clamp - Hose	2
8	93-2242	Filter Assembly - Oil	1	24	93-2437	Plug - Serrated	1
9	354-73	Fitting - Hydraulic, Barb (Incl. Ref. #29)	2	25	237-42	O-Ring	1
10	93-2236	Mount - Oil Filter	1	26	237-22	O-Ring	1
11	33115-025	Screw - HH	4	27	237-146	O-Ring	1
12	63-8410	Washer - Flat	4	28	237-58	O-Ring	1
13	240-11	Grommet	4	29	237-81	O-Ring	3
14	33113-016	Screw - HH	1	30	2412-34	Clamp - Hose	1
15	3256-1	Washer - Flat	3	31	93-2068	Hose - Pump Inlet	1
16	33115-020	Screw - HH	2	32	94-4539	Hose Assembly	1
				33	237-79	O-Ring	1
				†34		Tether	1
				†35		Plug	1
				36	92-8020	Adapter - Breather	1

†Not serviced separately

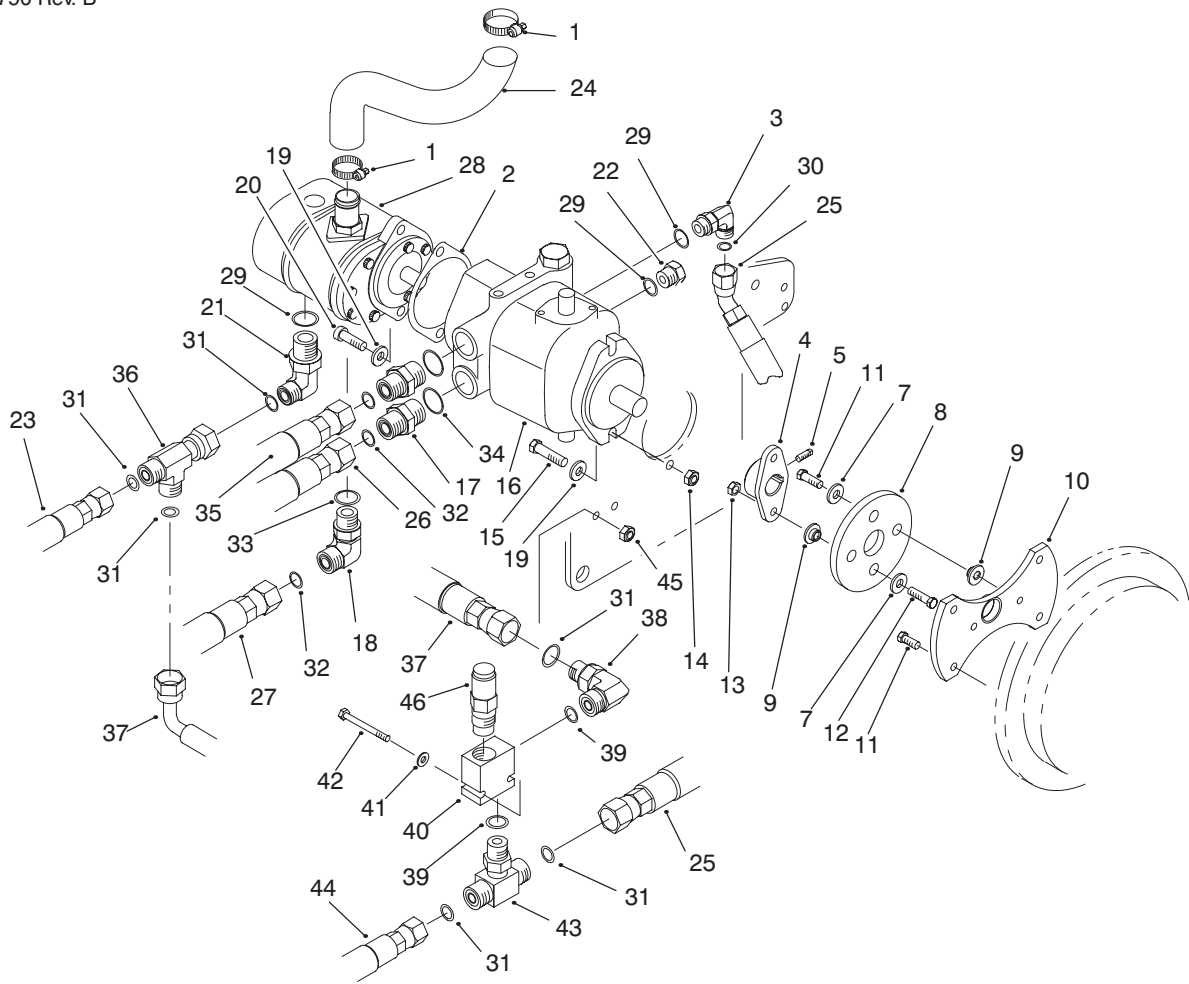


T-2270B

HYDRAULIC PUMP & HYDROSTAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2412-34	Clamp - Hose	2	21	340-18	Fitting - Hydraulic 90° (Incl. Ref. #29 & 31)	1
2	94-6358	Gasket (Serial No. 60001-60473)	1	22	353-988	Plug (Incl. Ref. #29)	1
*	94-8168	O-Ring (Serial No. 60474 & Up)	1	23	93-2252	Hose Assembly	1
3	340-18	Fitting - Hydraulic 90° (Incl. Ref. #29 & 31)	1	24	93-2068	Hose - Pump Inlet (Serial No. 60001-60473)	1
4	93-2589	Hub - Pump	1	*	94-8174	Hose - Pump Inlet (Serial No. 60474 & Up)	1
5	3241-6	Screw - SQH	2	25	94-6384	Hose Assembly	1
7	3256-3	Washer - Flat	4	26	94-5355	Hose Assembly	1
8	80-8650	Coupling - Rubber	1	27	94-1332	Hose Assembly	1
9	27-6600	Spacer - Coupling	4	28	93-2587	Gear Pump - 2 Section (Incl. Ref. #2)	
10	93-2170	Pump Adapter	1			(Serial No. 60001-60473)	1
11	33114-020	Screw - HH	6	*	94-6390	Gear Pump - 2 Section (Serial No. 60474 & Up)	1
12	33114-030	Screw - HH	2	29	237-79	O-Ring	3
13	33024-00	Nut - Lock	2	31	237-22	O-Ring	7
14	33025-00	Nut - Lock	2	32	237-65	O-Ring	3
15	33115-040	Screw - HH	2	33	237-80	O-Ring	1
16	93-2586	Hydrostat	1	34	237-81	O-Ring	2
17	340-8	Fitting - Hydraulic (Incl. Ref. #32 & 34)	2	35	94-5356	Hose Assembly	1
18	340-17	Fitting - Hydraulic 90° (Incl. Ref. #32 & 33)	1	36	340-115	Fitting - Tee	1
19	3256-24	Washer - Flat	4	37	94-8167	Hose Assembly	1
20	3274-1	Screw - HSH	2	38	340-77	Fitting - Hydraulic 90°	1

* Not Illustrated.

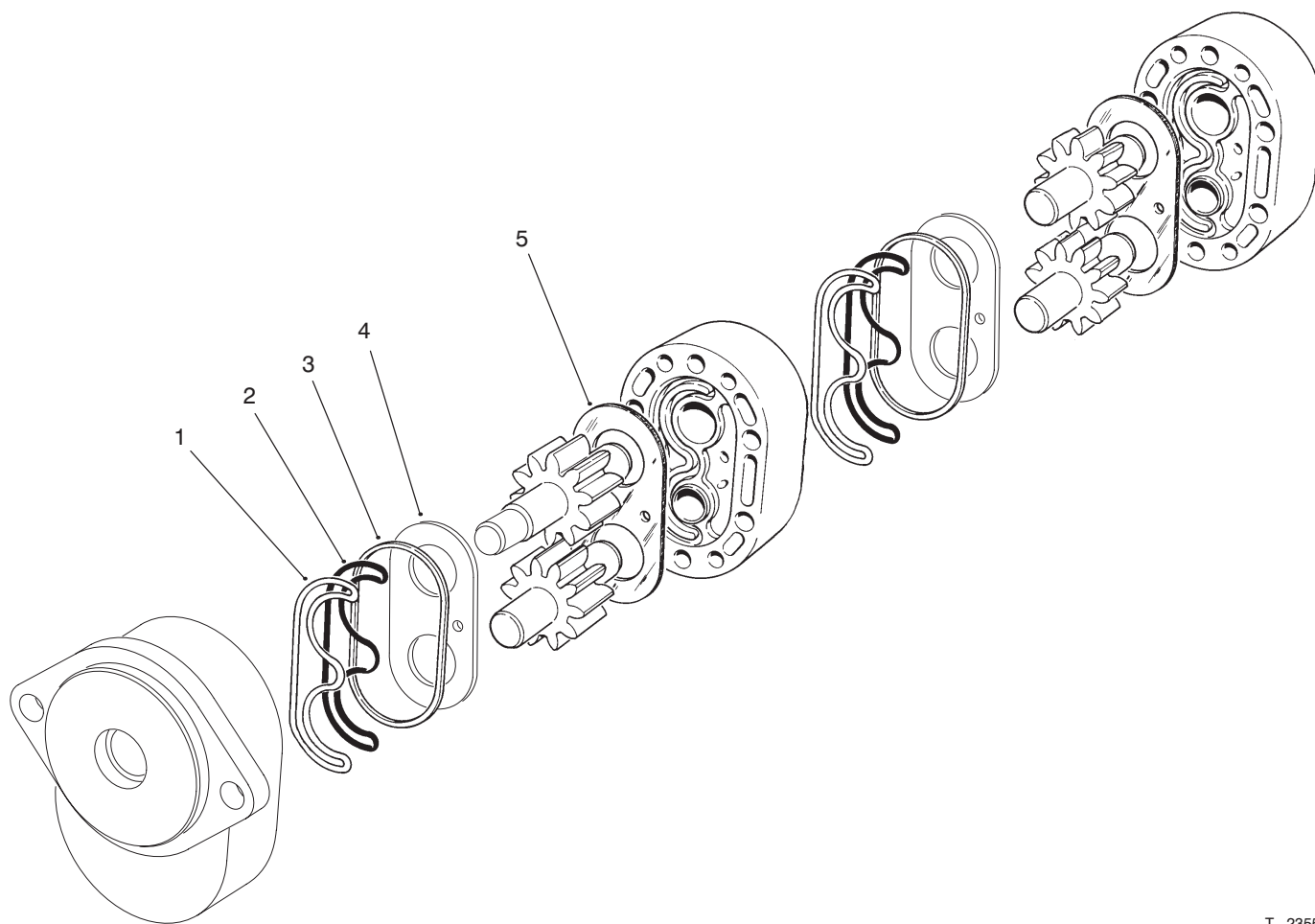


T-2270B

HYDRAULIC PUMP & HYDROSTAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
39	237—42	O—Ring	2
40	94—6385	Valve — Relief (Incl. Ref. #46)	1
41	3256—22	Washer — Flat	2
42	33113—050	Screw — HH	2

Ref. No.	Part No.	Description	No. Used
43	340—94	Fitting — Tee	1
44	94—6383	Hose Assembly	1
45	33023—00	Nut — Lock	2
46	94—6386	Cartridge — Relief Valve	1



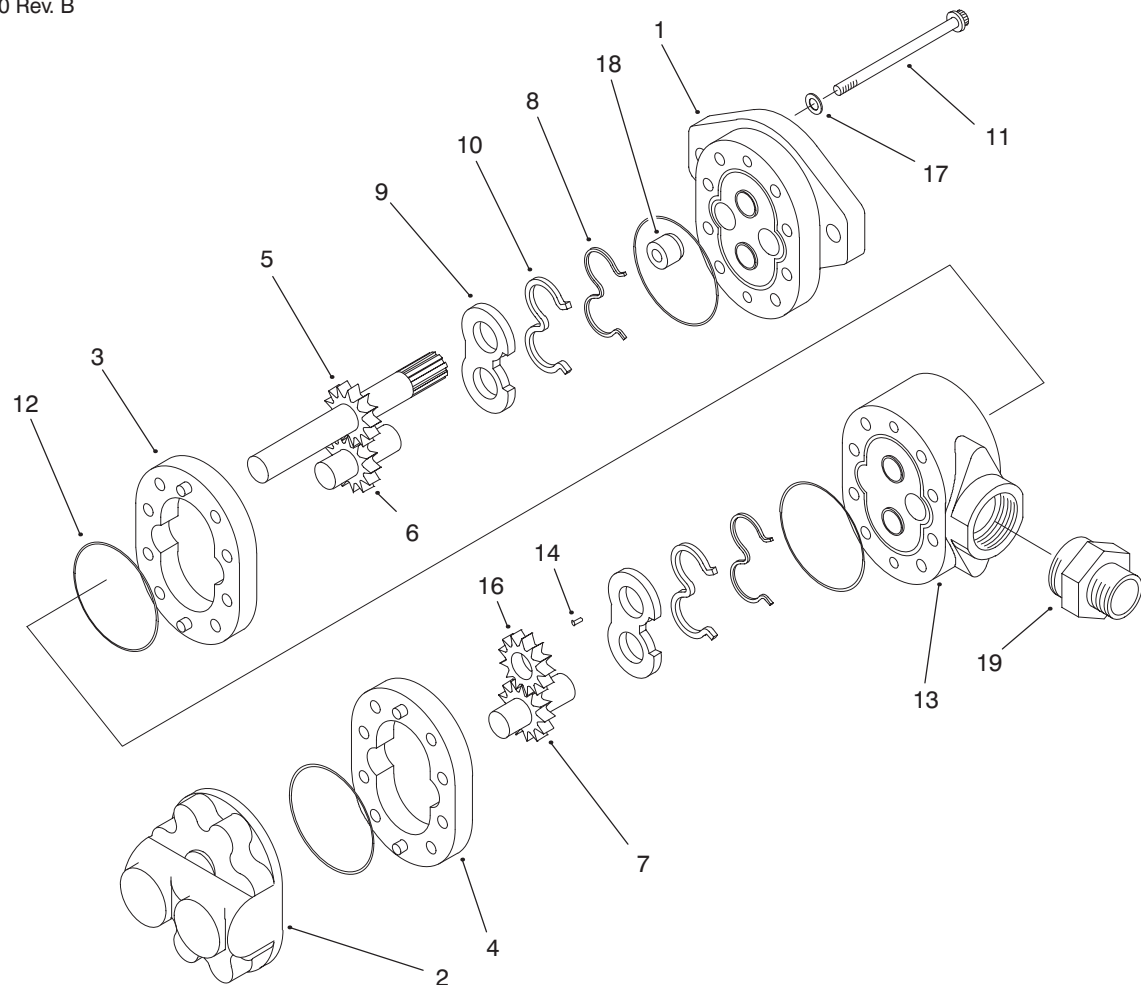
T-2355

GEAR PUMP ASSEMBLY NO. 93-2587 (Serial No. 60001-60473)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1	69-2270	Seal - Pre-Load	2	†5	94-4828	Plate - Wear	2
†2	69-2260	Seal - Load	2	*		Repair Kit	1
†3	69-2350	Ring - Sealing	2			(Incl. Ref. #1-5)	
†4		Plate - Wear	2				

†Not Serviced Separately

*Not Illustrated



T-2392

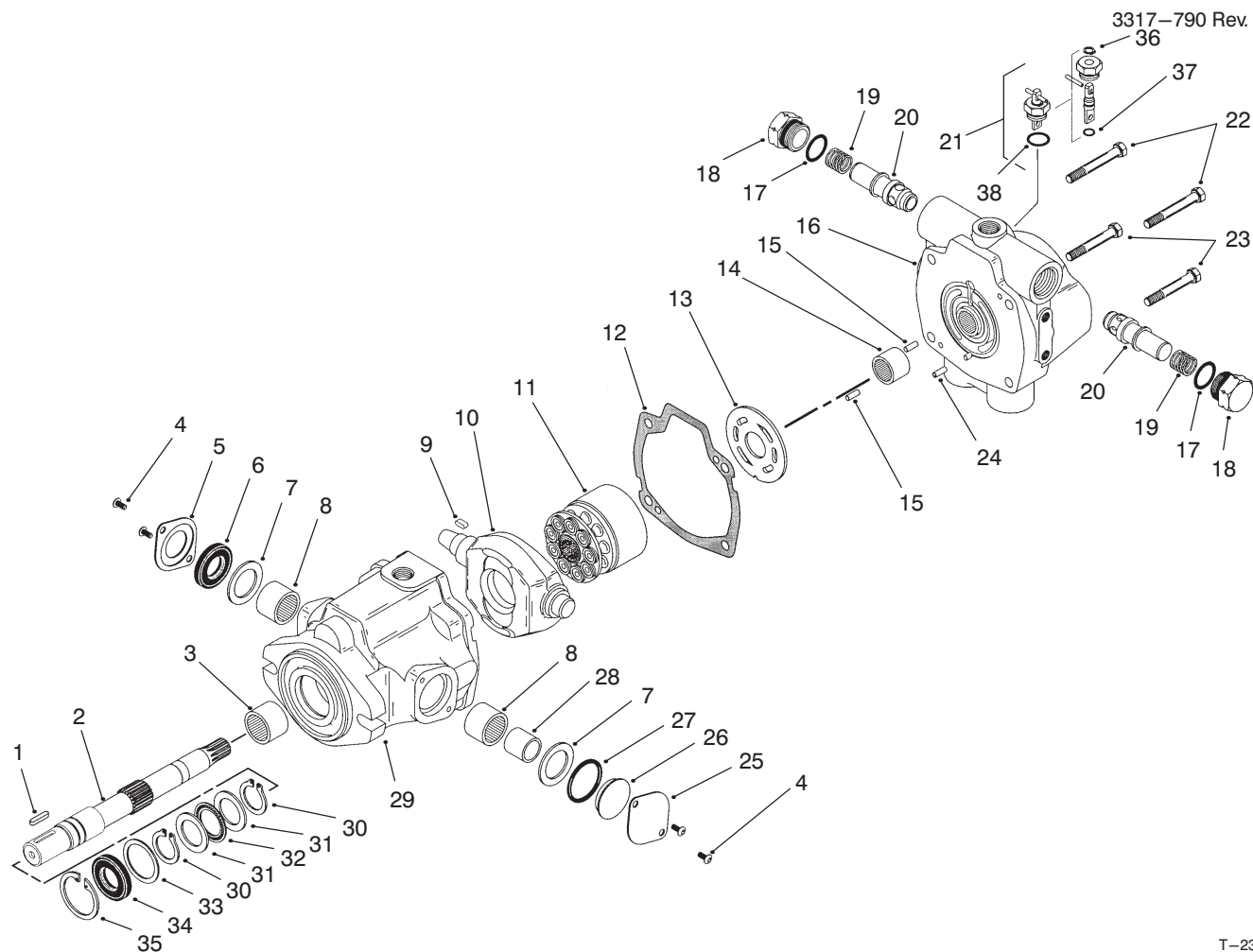
GEAR PUMP ASSEMBLY NO. 94—6390 **(Serial No. 60474 & Up)**

Ref. No.	Part No.	Description	No. Used
†1	94—8158	Plate — Front	1
†2		Plate — Back	1
†3		Body	1
†4		Body	1
†5		Gear — Drive	1
†6		Gear — Idler	1
†7		Gear — Idler	1
†8		Gasket — Backup	2
†9		Plate — Wear	2
†10		Seal — Pressure	2
11		Screw — Cap	8

Ref. No.	Part No.	Description	No. Used
†12		O—Ring	4
†13		Plate — Adapter	1
†14		Key	1
†15		Tube	1
†16		Gear	1
17	94—8160	Washer	4
18	94—3011	Plug	1
†19		Fitting — Suction	1
*	94—8161	Kit — Seal Repair (Incl. Ref. #8—10 & 14)	1

†Not Serviced Separately

*Not Illustrated



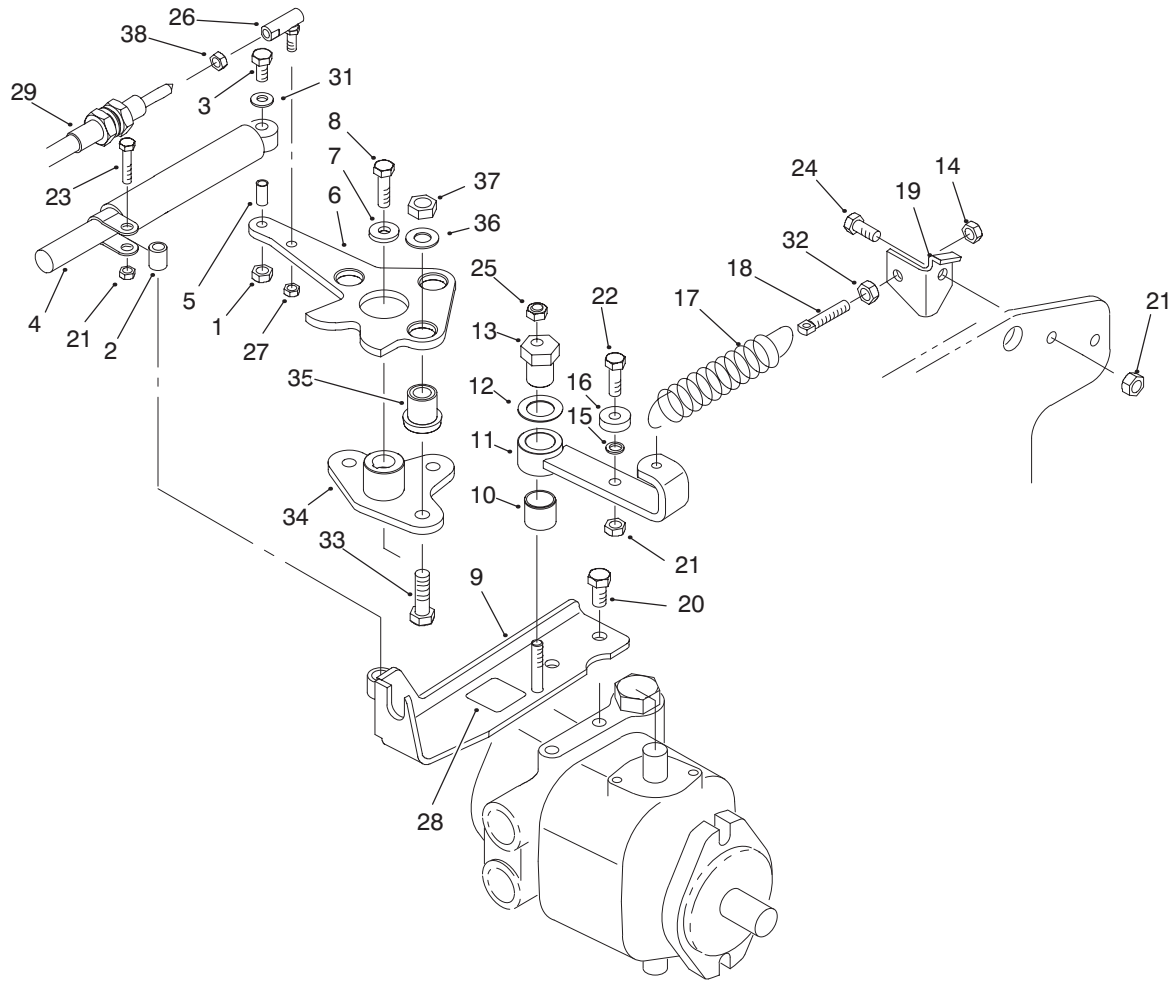
T-2357

HYDROSTAT ASSEMBLY NO. 93-2586

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-3645	Key	1	21	39-2080	Dump Valve Assembly	1
2	94-6359	Shaft - Drive	1	22	76-6170	Screw - Cap	2
3	94-6363	Bearing	1	23	76-6160	Screw - Cap	2
4	60-6330	Screw	4	†24		Pin - Roll	1
5	76-6080	Seal - Cover	1	25	76-6090	Cover - Trunion	1
6	76-6190	Seal - Shaft	1	26	76-6100	Cover - Trunion O-Ring	1
7	76-6180	Washer	2	27	76-6140	O-Ring	1
8	252-95	Bearing - Thrust	2	28	33-3750	Race - Inner	1
9	94-3646	Key	1	29	94-3641	Housing Assembly (Incl. Ref. #3)	1
10	94-3643	Plate - Cam	1	30	32151-29	Ring - Retaining	2
11	76-6070	Rotating Kit Assembly	1	31	252-71	Race - Bearing	2
†12		Gasket	1	32	252-66	Bearing - Thrust	1
13	94-6360	Plate - Valve	1	33	33-3720	Washer	1
14	94-6368	Bearing	1	34	42-2720	Seal - Shaft	1
15	76-6150	Pin - Dowel	2	35	32151-13	Ring - Retaining	1
16	94-6361	Back Plate Assembly (Incl. Ref. #14 & 24)	1	†36		Ring - Retaining	1
†17		O-Ring	4	†37		O-Ring	1
18	70-1240	Plug Assembly (Incl. Ref. #17)	2	†38		O-Ring	1
19	76-6200	Spring	2	*	94-6362	Seal Repair Kit (Incl. Ref. #6, 12, 17, 27, 30 & 34-38)	1
20	94-3644	Seat	2				

*Not Illustrated

†Not Serviced Separately

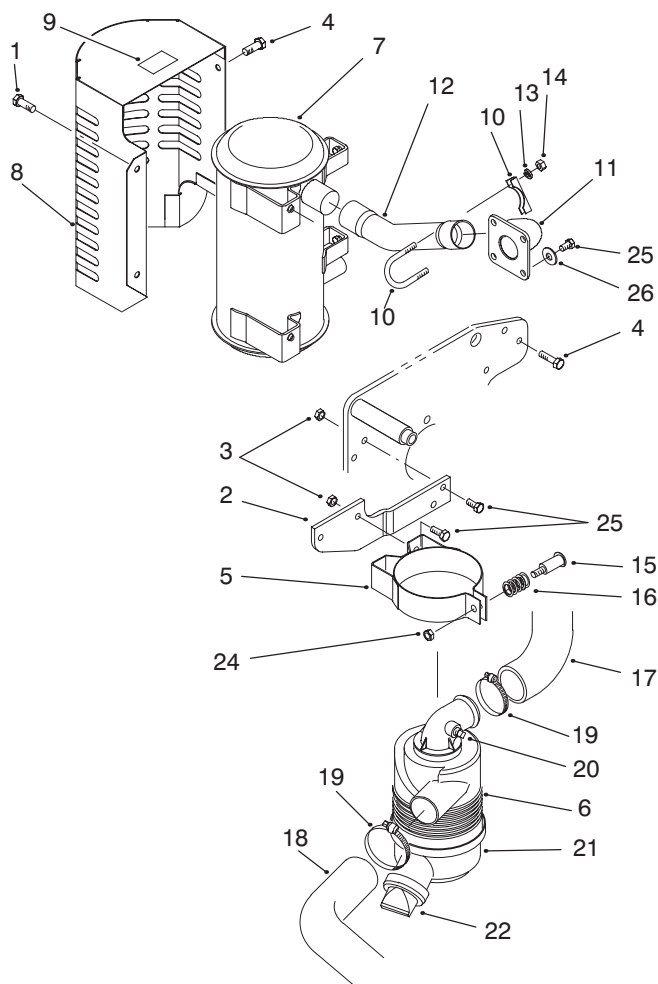


T-2228B

NEUTRAL SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	33023-00	Nut – Lock	1
2	94-3456	Tube – Pivot	1
3	33113-030	Screw – HH	1
4	76-8870	Lever Damper Assembly	1
5	94-1312	Spacer – Pivot	1
6	94-3488	Lever – Pump	1
7	88-7200	Washer – Pivot	1
8	3210-6	Screw – HH	1
9	94-1307	Cable Support	1
10	93-2103	Bushing – Straight	1
11	94-4527	Neutral Arm	1
12	3-6498	Washer – Thrust	1
13	93-2111	Stud – Traction	1
14	3296-4	Nut – Lock Elastic	1
15	75-5470	Spacer	1
16	251-259	Bearing – Ball	1
17	94-1369	Spring – Ext.	1
18	18-6380	Pin	1
19	94-3491	Bracket – Spring	1

Ref. No.	Part No.	Description	No. Used
20	323-4	Screw – HH	2
21	33024-00	Nut – Lock	3
22	33114-025	Screw – HH	1
23	33114-030	Screw – HH	1
24	33114-020	Screw – HH	1
25	3296-29	Nut – Hex	1
26	2411-34	Ball Joint	1
27	3296-13	Nut – Lock	1
28	93-9051	Decal – Eccentric Bolt	1
29	93-2099	Cable – Traction Control	1
31	3256-22	Washer – Flat	1
32	3220-2	Nut – Jam	1
33	33115-035	Screw – HH	3
34	94-3486	Plate	1
35	63-9750	Mount – Rubber	3
36	2844	Washer	3
37	33025-00	Nut – Lock	3
38	3220-1	Nut – Jam	1

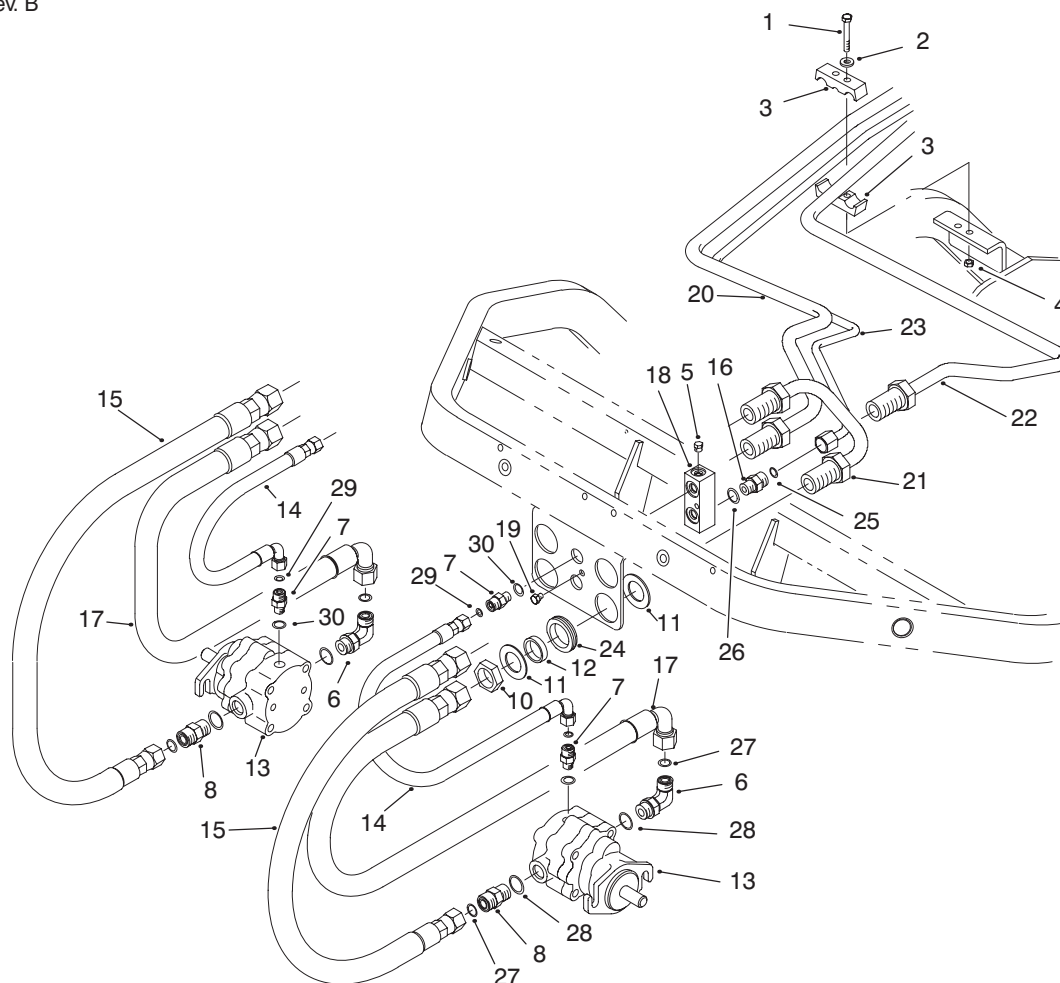


T-2291A

MUFFLER & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32144-14	Screw – HH	2	13	3253-4	Washer – Lock	4
2	94-5359	Bracket – Air Cleaner	1	14	3217-6	Nut – Hex.	4
3	33024-00	Nut – Lock	4	15	94-3653	Bolt	1
4	33114-020	Screw – HH	4	16	94-3654	Spring – Compression	1
5	93-2191	Mounting Band Assembly (Incl. Ref. #24-26)	1	17	93-2423	Hose – Air Cleaner	1
6	93-2190	Air Cleaner Assembly (Incl. Ref. #20-23)	1	18	93-2035	Hose – Air Cleaner	1
7	94-8153	Muffler	1	19	2412-92	Clamp – Hose	2
8	94-1339	Muffler Shield	1	20	285-17	Plug	1
9	93-8069	Decal – Hot Surface	1	21	94-3652	Cover Assembly	1
10	2112-9	Clamp (Incl. Ref. #13 & 14)	2	22	94-1414	Valve	1
11	93-2185	Exhaust Bracket	1	*23	93-2195	Element – Air Cleaner	1
12	93-2183	Pipe – Exhaust	1	24	48-9510	Nut – Lock	1
				25	33114-025	Screw – HH	8
				26	3253-4	Washer – Spring Lock	4

*Not Illustrated

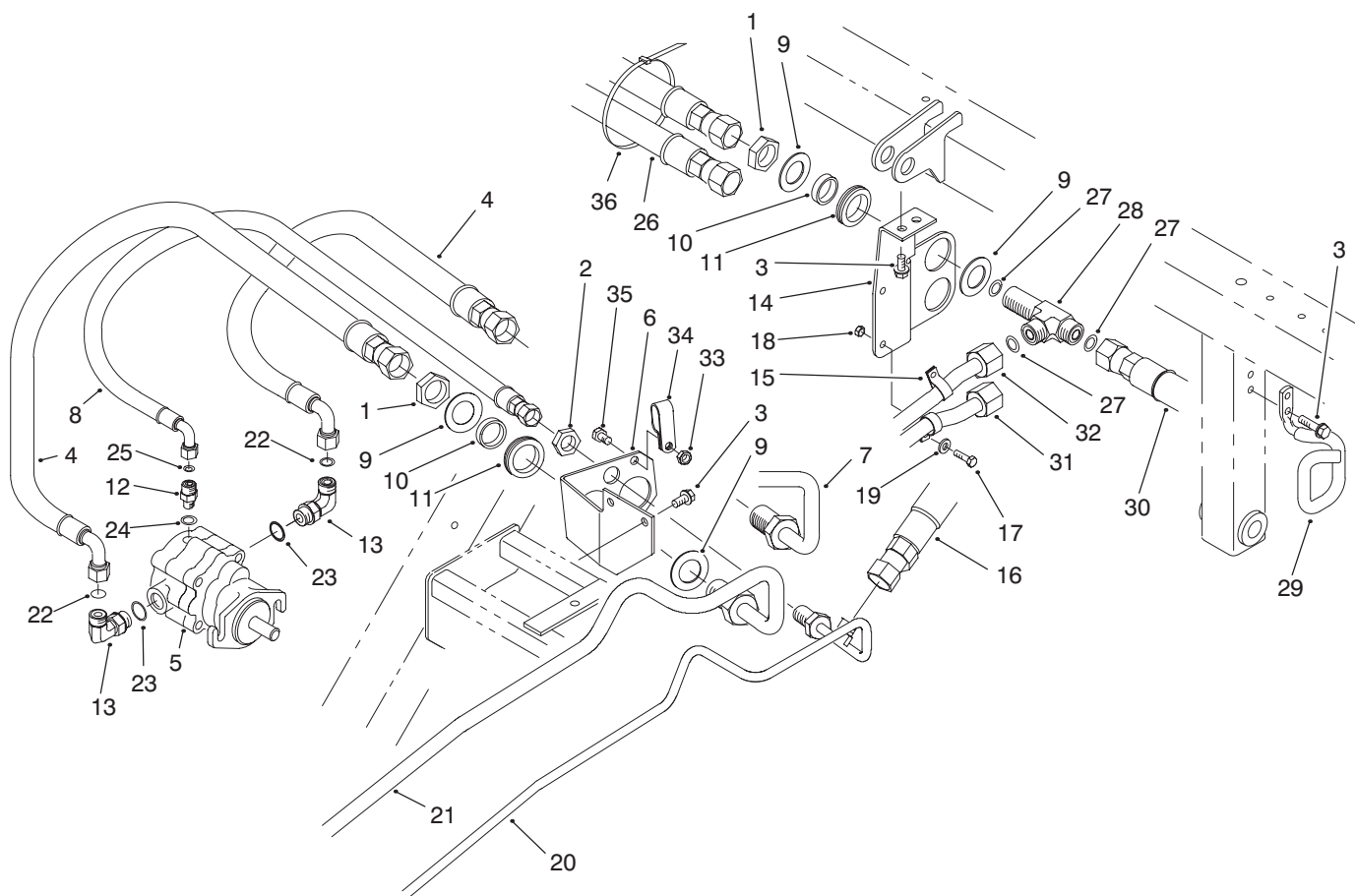


T-2240

REEL MOTOR INSTALLATION ASSEMBLY — RH & LH

Ref. No.	Part No.	Description	No. Used
1	33113-050	Screw — HH	2
2	3256-1	Washer — Flat	2
3	93-2509	Clamp — Tube	2
4	33023-00	Nut — Lock NI	2
5	353-991	Plug	1
6	340-98	Fitting — Hydraulic 90° (Incl. Ref. #27-28)	2
7	340-92	Fitting — Hydraulic (Incl. Ref. #29-30)	4
8	340-4	Fitting — Hydraulic (Incl. Ref. #27-28)	2
10	340-74	Nut — Bulkhead	4
11	69-9010	Washer	8
12	69-9000	Spacer	4
13	93-1375	Reel Motor	2
14	93-2264	Hose Assembly	2
15	93-2262	Hose Assembly	2

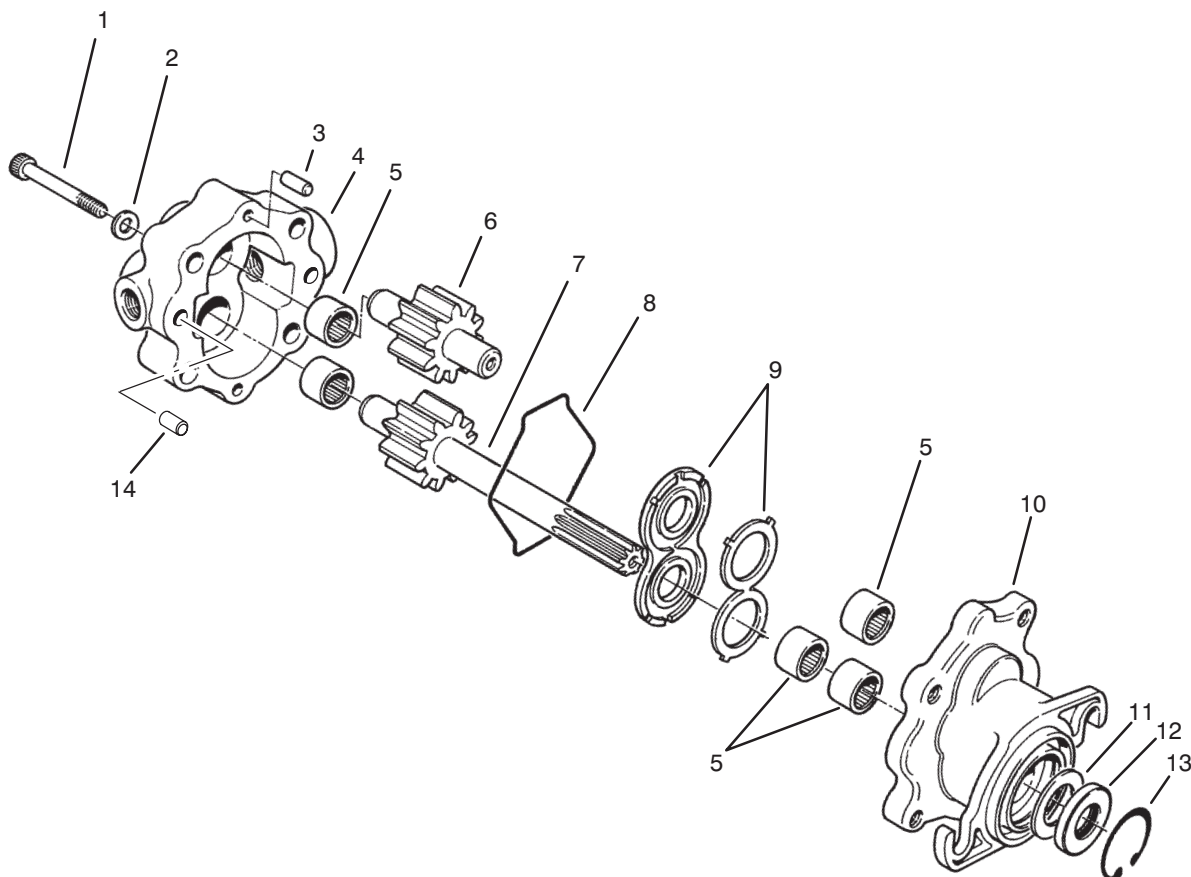
Ref. No.	Part No.	Description	No. Used
16	340-2	Fitting — Hydraulic (Incl. Ref. #25-26)	1
17	93-2263	Hose Assembly	2
18	93-2238	T-Block (Incl. Ref. #5)	1
19	33113-008	Screw — HH	1
20	94-1318	Tube — Hydraulic	1
21	94-1319	Tube — Hydraulic	1
22	94-1320	Tube — Hydraulic	1
23	94-1321	Tube — Hydraulic	1
24	240-3	Grommet — Rubber	4
25	237-22	O-Ring	1
26	237-42	O-Ring	1
27	237-30	O-Ring	4
28	237-79	O-Ring	4
29	237-21	O-Ring	4
30	237-78	O-Ring	4



T-2241B

REEL MOTOR INSTALLATION ASSEMBLY – REAR

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	340-74	Nut – Bulkhead	4	19	3256-22	Washer – Flat	2
2	340-70	Nut – Bulkhead	1	20	94-1321	Tube – Hydraulic	1
3	32144-14	Screw – HH	6	21	94-1318	Tube – Hydraulic	1
4	93-2259	Hose Assembly	2	22	237-30	O-Ring	2
5	93-1375	Reel Motor	1	23	237-79	O-Ring	2
6	94-1316	Bracket – Bulkhead	1	24	237-78	O-Ring	1
7	94-1317	Tube – Hydraulic	1	25	237-21	O-Ring	1
8	94-1328	Hose Assembly	1	26	94-5357	Hose Assembly	2
9	69-9010	Washer	8	27	237-65	O-Ring	3
10	69-9000	Spacer	4	28	94-5350	Fitting – Bulkhead Tee (Incl. Ref. #27)	2
11	240-3	Grommet – Rubber	4	29	94-5352	Retainer – Hose	1
12	340-92	Fitting – Hydraulic (Incl. Ref. #24-25)	1	30	94-5358	Hose Assembly	2
13	340-98	Fitting – Hydraulic 90° (Incl. Ref. #22-23)	2	31	94-5353	Tube – Hydraulic	1
14	94-8155	Bracket – Bulkhead	1	32	94-5354	Tube – Hydraulic	1
15	2412-134	Clamp – R	2	33	33024-00	Nut – Lock	1
16	94-4539	Hose Assembly	1	34	2412-137	Clamp – Tube, Double	1
17	33113-016	Screw – HH	2	35	33114-020	Screw – HH	1
18	33023-016	Nut – Lock NI	2	36	3290-378	Tie – Cable	1



T—1872

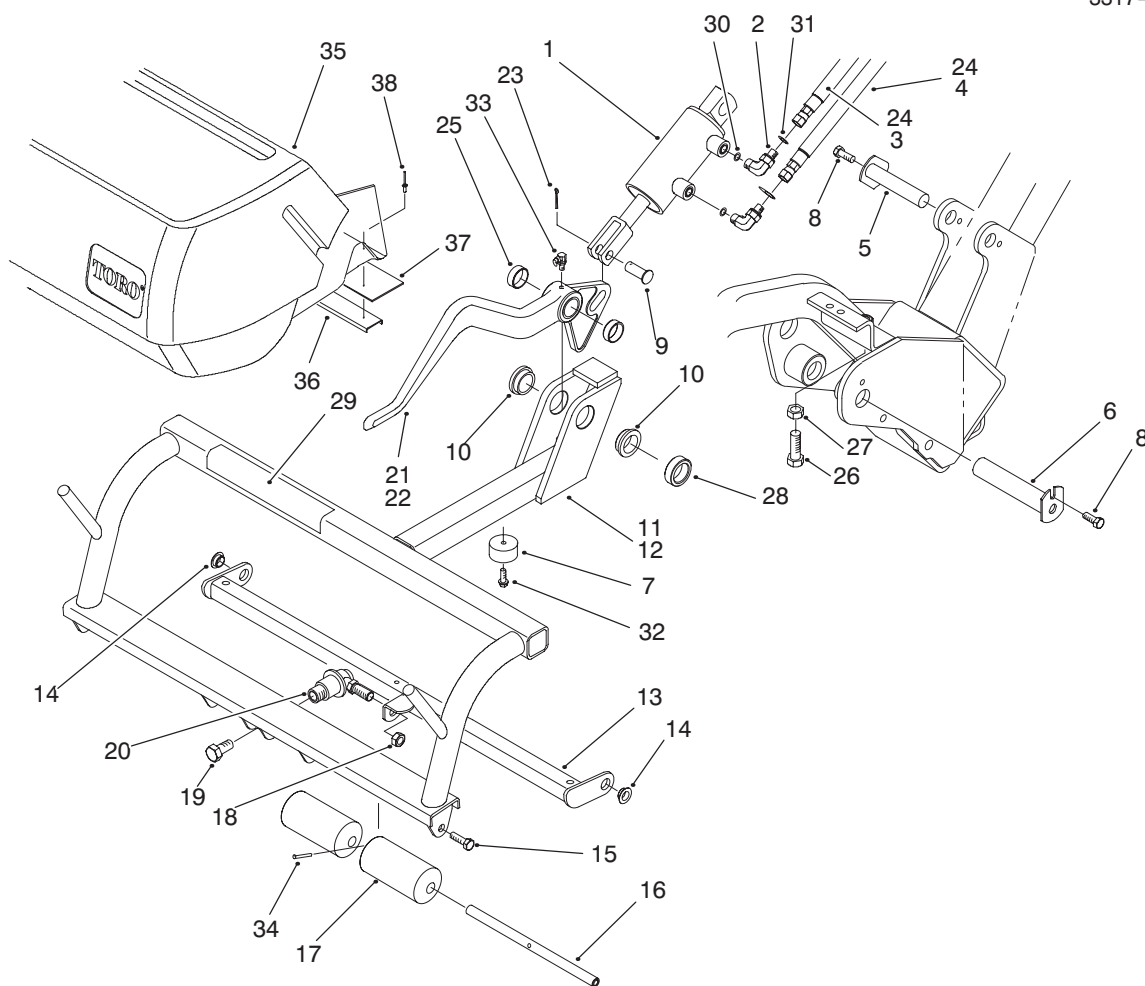
REEL MOTOR ASSEMBLY NO. 93—1375

Ref. No.	Part No.	Description	No. Used
1	354—50	Screw—Hex Socket Hd.	4
2	354—51	Washer	4
3	353—599	Pin—Dowel	2
4	93—3614	Assembly — Cover (Incl. Ref. #5)	1
†5		Bearing—Needle	5
6	93—3616	Assembly — Idler Gear	1
7	93—3615	Assembly — Drive Shaft	1
8	354—46	Ring—Seal	1

Ref. No.	Part No.	Description	No. Used
9	74—3810	Assembly — Load Plate	1
10	92—8795	Assembly — Body (Incl. Ref. #5)	1
†11		Spacer	1
†12		Seal—Shaft	1
13	32151—41	Ring — Retaining	1
14	92—8796	Pin — Dowel	2
*	92—8863	Repair Kit (Incl. Ref. #8, & 11—13)	1

*Not Illustrated

†Not Serviced Separately

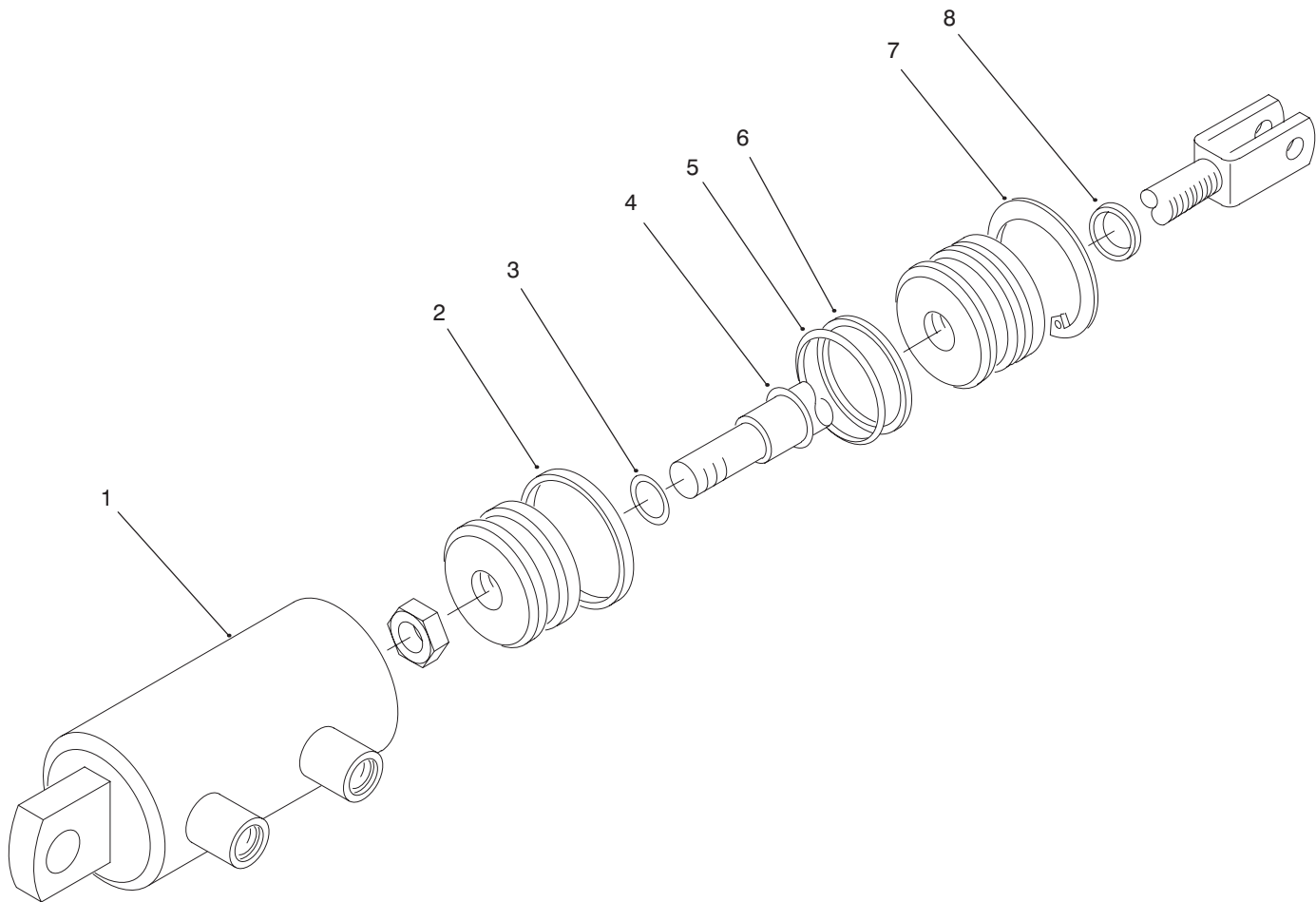


T-2230B

PULL FRAME ASSEMBLY – RH & LH

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-2246	Hydraulic Cylinder Assembly	2	21	93-2405	Lift Arm – RH	1
2	340-132	Fitting – Hydraulic 90° (Incl. Ref. #30-31)	4	22	93-2407	Lift Arm – LH	1
3	93-2255	Hose Assembly	1	23	3272-11	Pin – Cotter	2
4	93-2256	Hose Assembly	1	24	93-2254	Hose Assembly	2
5	10-6060	Pin – Ram Pivot	1	25	92-8995	Bushing – Straight	4
6	93-2380	Pin	2	26	325-6	Screw – HH	2
7	94-4548	Bumper	2	27	3218-5	Nut – Jam	2
8	32144-14	Screw – HH	4	28	93-2384	Spacer – Carrier	2
9	283-8	Pin – Clevis	2	29	93-8064	Decal – Warning	2
10	93-2361	Bushing – Flange	4	30	237-78	O-Ring	4
11	93-2369	Carrier – RH	1	31	237-21	O-Ring	4
12	93-2360	Carrier – LH	1	32	32144-44	Screw – HWH	2
13	94-3483	Pull Arm	2	33	302-60	Fitting – Grease 90°	2
14	93-2368	Bushing – Flange	4	34	32121-6	Pin – Roll	4
15	3211-2	Screw – HH	8	35	93-2553	Grass Basket Assembly (Incl. Ref. #36-38)	2
16	93-2363	Shaft – Roller	4	36	93-2552	Retainer	2
17	93-2362	Roller – Anti Scalp	8	37	93-2551	Seal – Basket	2
18	3296-19	Nut – Lock	2	38	3290-55	Rivet – Pop	16
19	3213-1	Screw – HH	2	*	65-8320	Bar – Guage	1
20	93-2133	Ball Joint	2				

* Not Illustrated.



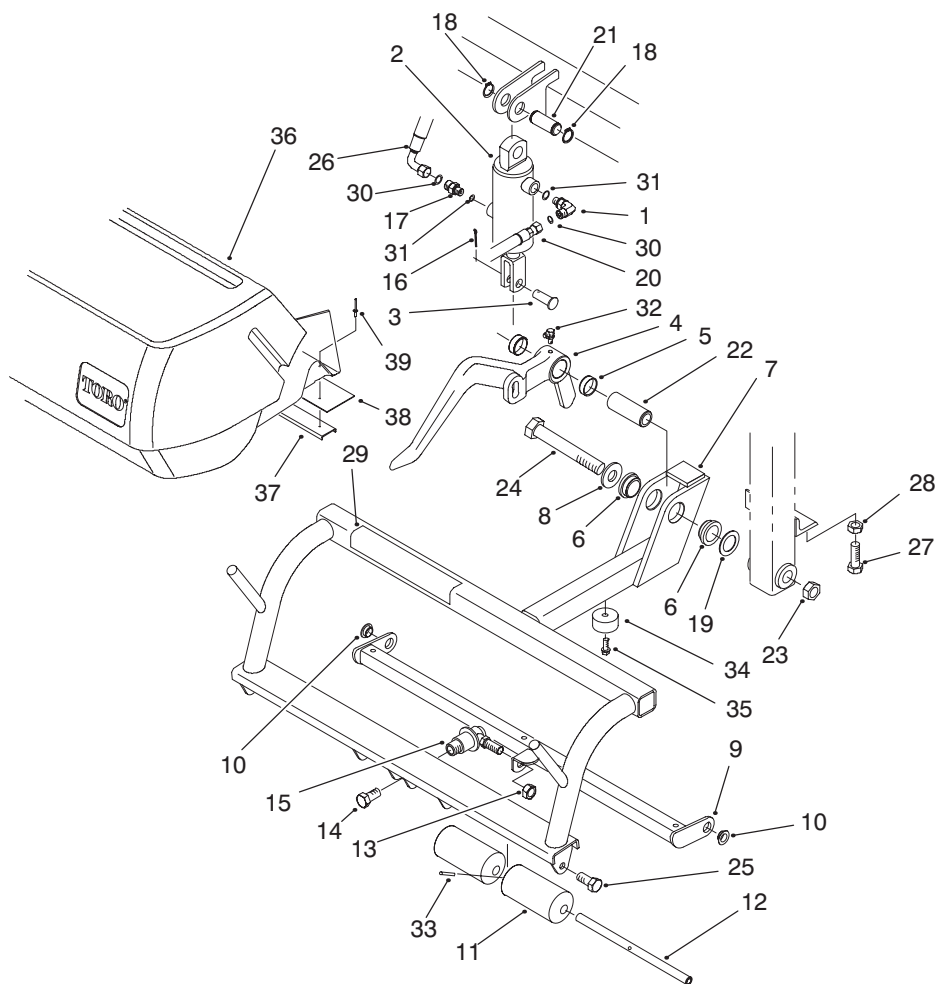
T-2299

HYDRAULIC CYLINDER NO. 93—2246

Ref. No.	Part No.	Description	No. Used
†1		Barrel	1
†2		Uniring	1
†3		O—Ring	1
†4		Seal — PDF	1
†5		O—Ring	1

Ref. No.	Part No.	Description	No. Used
†6		Washer — Back—Up	1
7	32120—8	Ring — Retaining	1
†8		Seal — Dust	1
*	86—5390	Kit — Seal, Repair (Incl. Ref. #2—6 & 8)	1

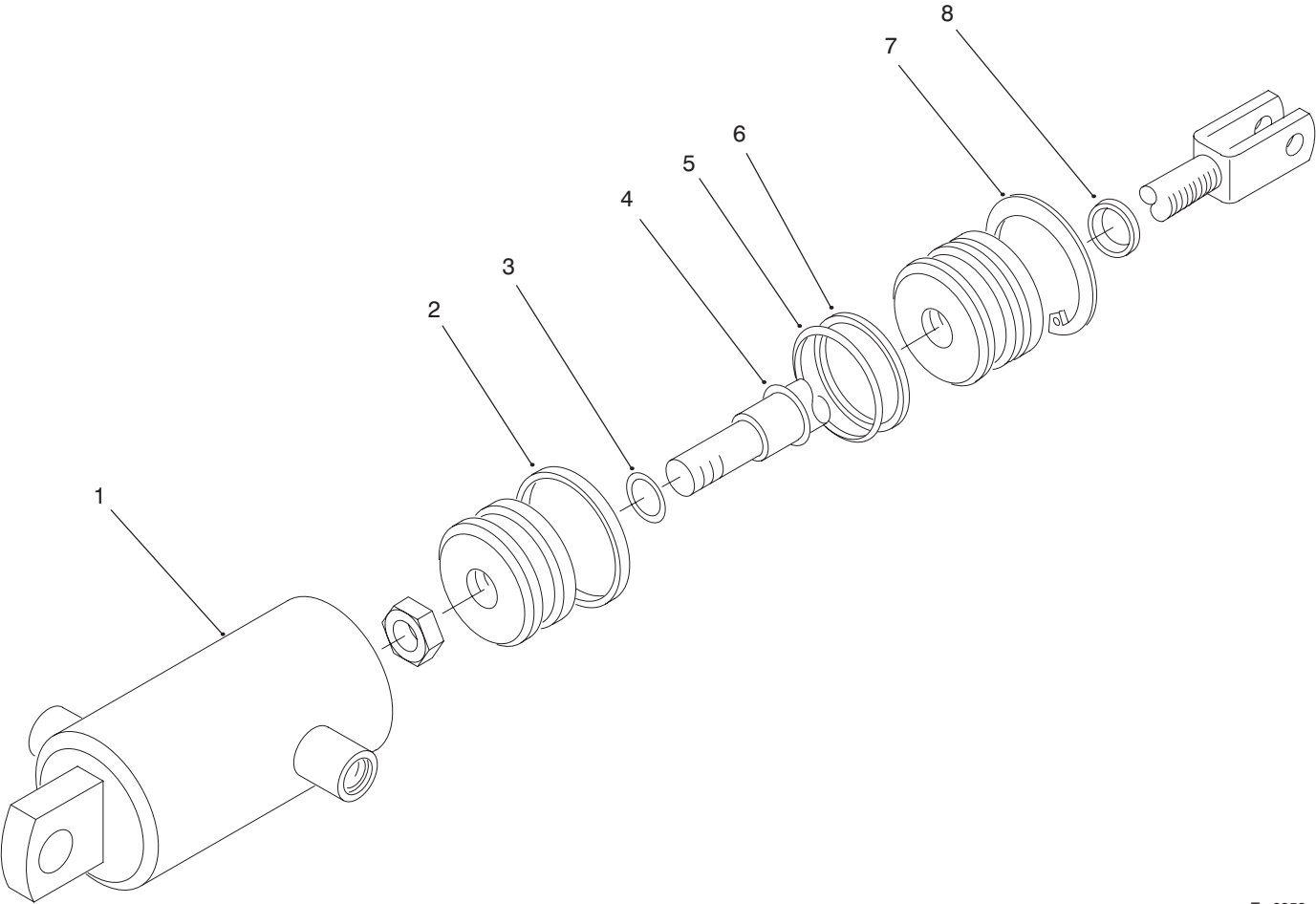
†Not Serviced Separately



T-2231B

PULL FRAME ASSEMBLY – REAR

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	340-132	Fitting – Hydraulic 90° (Incl. Ref. #30-31)	1	20	93-2258	Hose Assembly	1
2	94-6357	Hydraulic Cylinder Assembly	1	21	94-3452	Pin – Cylinder	1
3	283-8	Pin – Clevis	1	22	94-1398	Tube – Pivot	1
4	93-2403	Lift Arm – Center	1	23	3296-53	Nut – Hex	1
5	92-8995	Bushing – Straight	2	24	327-17	Screw – HH	1
6	93-2361	Bushing – Flange	2	25	3211-2	Screw – HH	4
7	93-2350	Carrier – Center	1	26	94-3477	Hose Assembly	1
8	3256-7	Washer – Flat	1	27	325-6	Screw – HH	1
9	94-3483	Pull Arm	1	28	3218-5	Nut – Jam	1
10	93-2368	Bushing – Flange	2	29	93-8064	Decal – Warning	1
11	93-2362	Roller – Anti Scalp	4	30	237-21	O-Ring	2
12	93-2363	Shaft – Roller	2	31	237-78	O-Ring	2
13	3296-19	Nut – Lock	1	32	302-60	Fitting – Grease 90°	1
14	3213-1	Screw – HH	1	33	32121-6	Pin – Roll	2
15	93-2133	Ball Joint	1	34	94-4548	Bumper – Recessed	1
16	3272-11	Pin – Cotter	1	35	32144-44	Screw – HWH	1
17	85-9720	Fitting – Hydraulic (Incl. Ref. #30-31)	1	36	93-2553	Grass Basket Assembly (Incl. Ref. #37-39)	1
18	32120-72	Ring – Retaining, Ext.	2	37	93-2552	Retainer	1
19	63-2290	Washer – Thrust	1	38	93-2551	Seal – Basket	1
				39	3290-55	Rivet – Pop	8



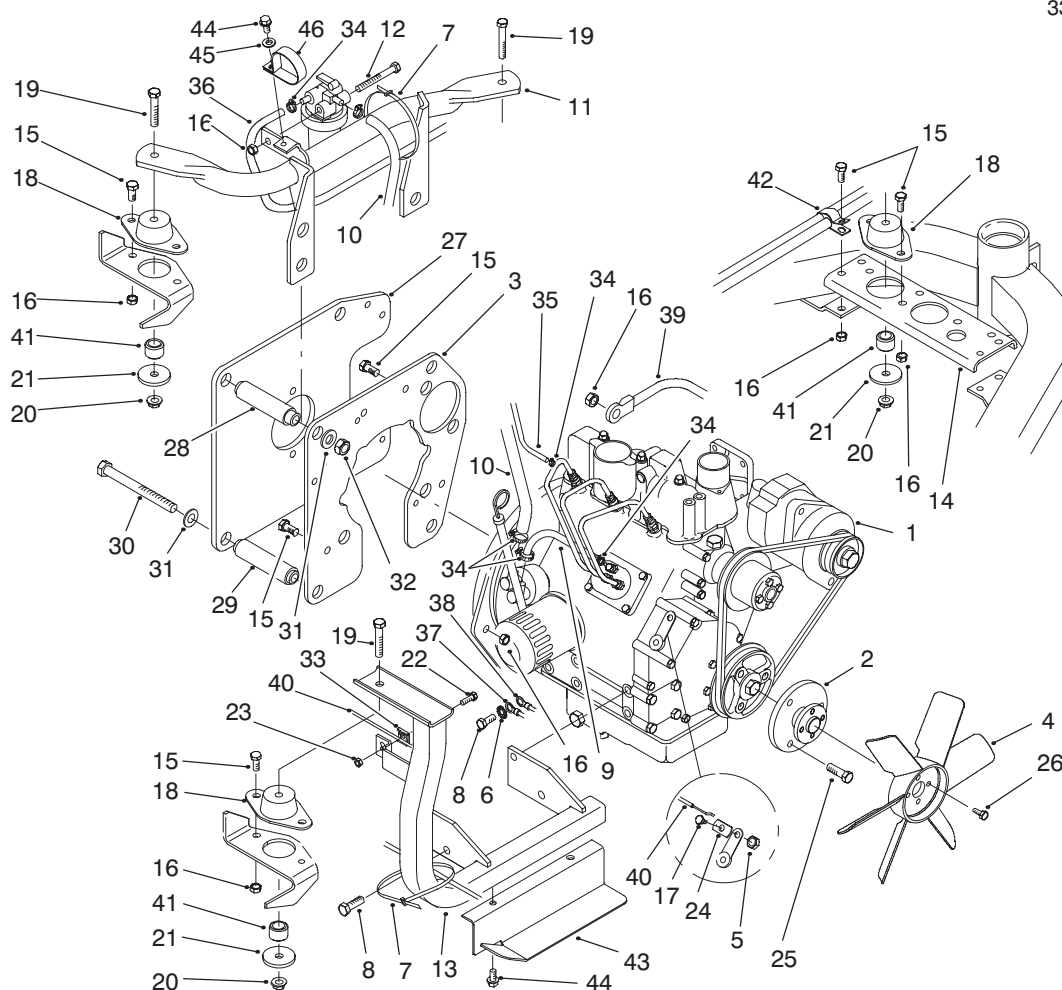
T—2358

HYDRAULIC CYLINDER NO. 94—6357

Ref. No.	Part No.	Description	No. Used
†1		Barrel	1
†2		Uniring	1
†3		O—Ring	1
†4		Seal — PDF	1
†5		O—Ring	1

Ref. No.	Part No.	Description	No. Used
†6		Washer — Back—Up	1
7	32120—8	Ring — Retaining	1
†8		Seal — Dust	1
*	86—5390	Kit — Seal, Repair (Incl. Ref. #2—6 & 8)	1

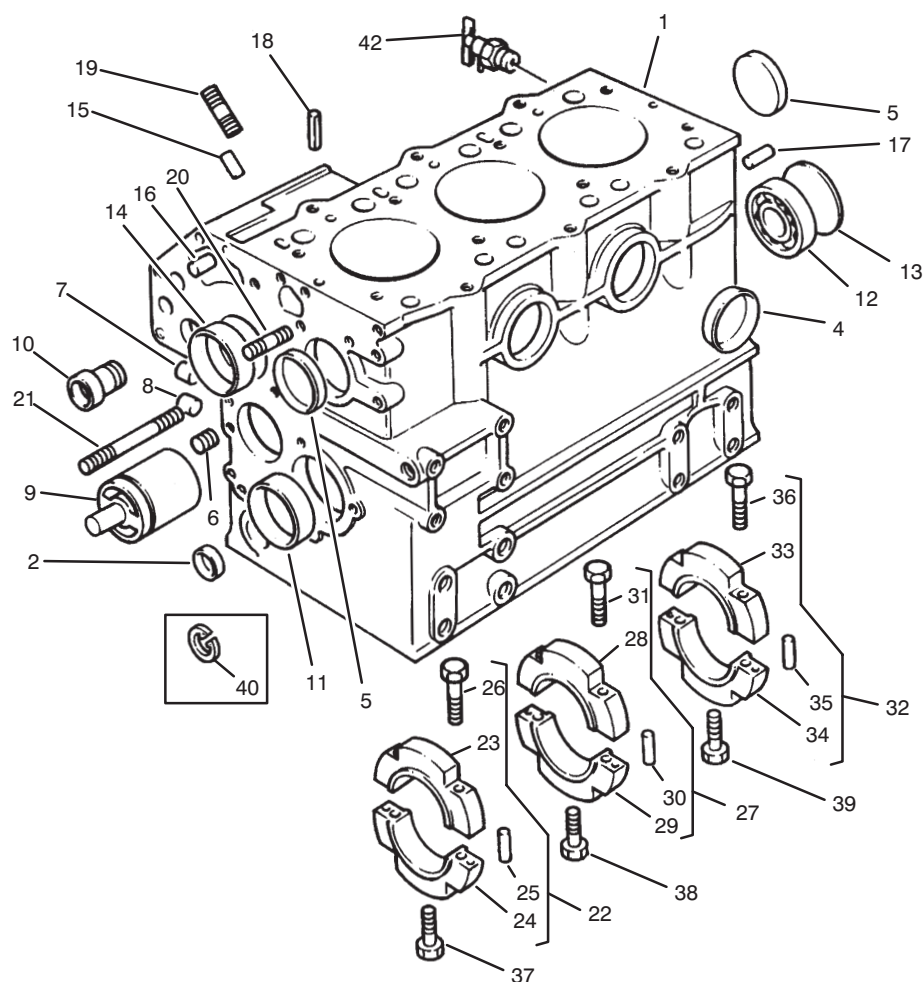
†Not Serviced Separately



T-2273A

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-2150	Engine – Perkins (Incl. Ref. #4)	1	24	92-3154	Tab – Throttle	1
2	93-2152	Adapter – Fan	1	25	33114-020	Screw – HH	3
3	93-2151	Plate – Backing	1	26	33113-016	Screw – HH	4
4		Fan	1	27	93-2173	Plate – Pump	1
5	3296-21	Nut – Lock	1	28	93-2177	Spacer – Upper	2
6	3254-3	Washer – Lock	1	29	93-2178	Spacer – Lower	2
7	3290-378	Tie – Cable	2	30	33116-130	Screw – HH	4
8	33115-020	Screw – HH	5	31	3256-26	Washer – Flat	8
9	93-2043	Hose – Fuel	1	32	33026-00	Nut – Lock	4
10	93-2042	Hose – Fuel	1	33	81-1690	Clamp – Throttle Cable	1
11	93-2160	Engine Mount – Rear	1	34	2412-108	Clamp – Hose	6
12	33114-070	Screw – HH	1	35	93-2298	Hose – Fuel	1
13	93-2155	Engine Mount – Front	1	36	93-2230	Hose – Fuel	1
14	93-2020	Bracket – Support	1	37	93-2344	Cable – Battery Negative	1
15	33114-020	Screw – HH	14	38	93-2340	Wire Harness	1
16	33024-00	Nut – Lock	14	39	93-2343	Cable – Battery Positive	1
17	94-1390	Screw – Shoulder	1	40	93-2322	Cable – Throttle Control	1
18	83-1030	Mount – Engine	3	41	94-4538	Spacer – Mount	3
19	323-11	Screw – HH	3	42	92-5753	Clamp – Hose, Double	1
20	3290-357	Nut – Lock, Flange	3	43	94-8156	Shield – Dust	1
21	41-4430	Plate – Washer	3	44	32144-14	Screw – HWH	3
22	32105-13	Screw – HH	1	45	3256-23	Washer – Flat	1
23	3296-2	Nut – Lock	1	46	2412-107	Clamp – R	1



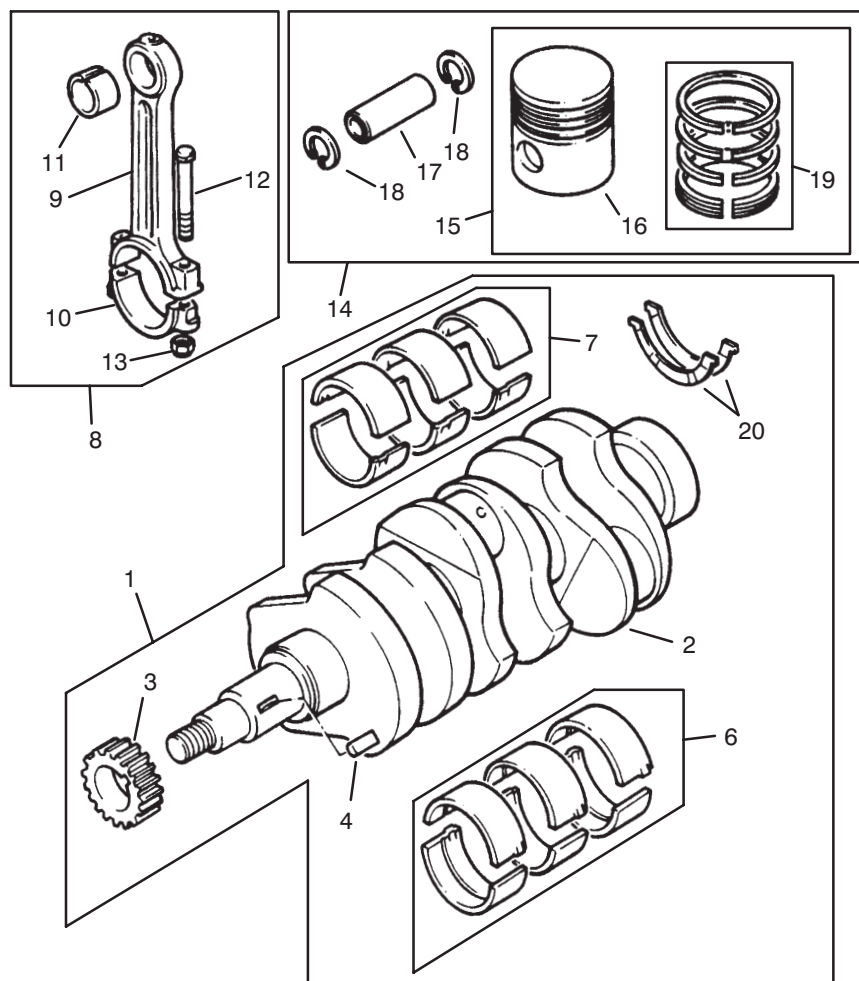
T-1377A

CYLINDER BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	110186150	Kit – Cylinder Block	1	23		Cap	1
2	064200015	Plug	1	24		Cap	1
4	064200040	Plug	2	25	030500612	Dowel	2
5	064200040	Plug	2	26	010810840	Screw	2
6	198466050	Plug	3	27	110156230	Holder	
7	198466010	Plug	4			(Incl. Ref. #28 & 29)	1
8	198466070	Plug	2	28		Cap	1
9	165296160	Shaft	1	29		Cap	1
10	198517090	Bush	1	30	030500612	Dowel	2
11	198517300	Bush	1	31	010810840	Screw	2
*	198517304	Bush, 0.25mm u/s	1	32	110156240	Holder	
*	198517307	Bush, 0.50mm u/s	1			(Incl. Ref. #33 & 34)	1
12	040106203	Bearing – Ball	1	33		Cap	1
13	064100045	Plug	1	34		Cap	1
14	042303015	Bush	1	35	030500612	Dowel	2
15	030500512	Dowel	2	36	010810840	Screw	2
16	030500616	Dowel	2	37	011310850	Screw	1
17	030500820	Dowel	2	38	011310850	Screw	1
18	030309005	Pin	2	39	010700845	Screw	2
19	012100620	Stud	2	40	036509005	Circlip	1
20	012100635	Stud	1	41	064200018	Plug	2
21	012100660	Stud	1	42	198736052	Cock	1
22	110156220	Holder		*	195906840	Kit – Gasket	1
		(Incl. Ref. #23 & 24)	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



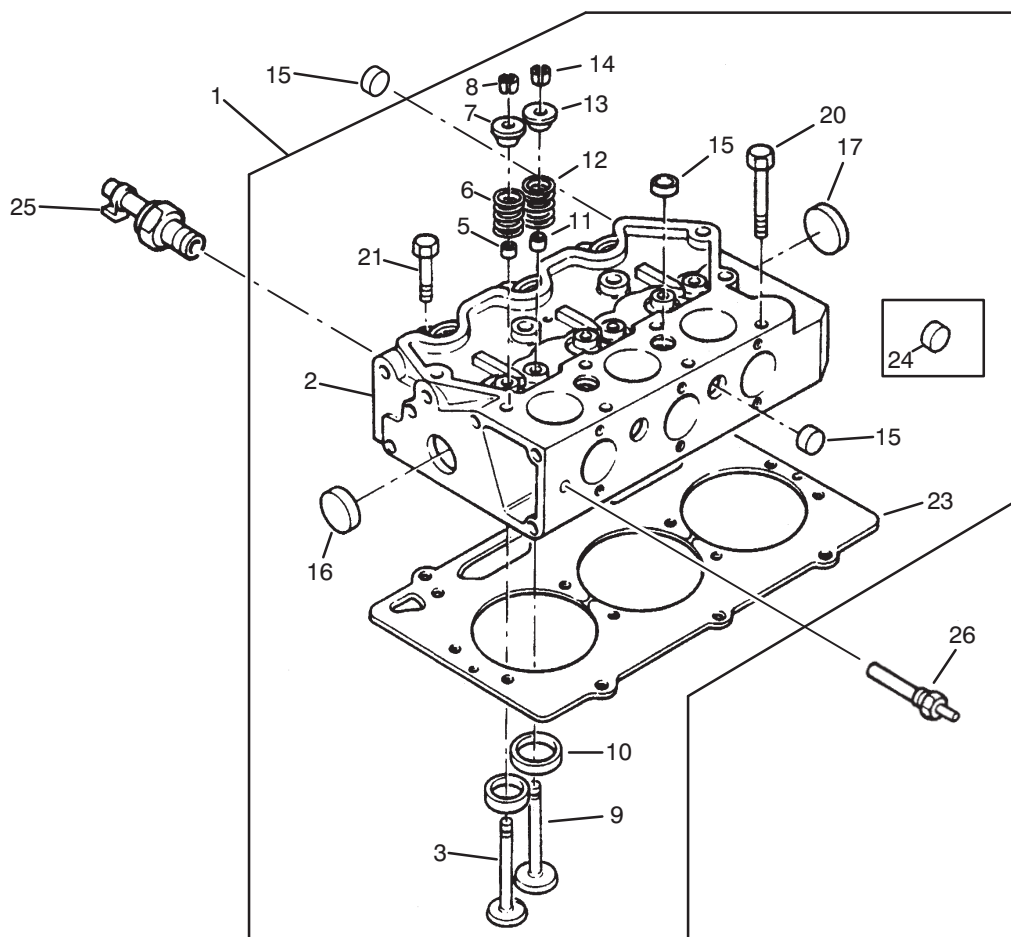
T-2174

CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	115236020	Kit — Crankshaft (Incl. Ref. #2)	1	11	198517325	Bushing	1
2		Crankshaft	1	12	115176130	Screw	2
3	115276210	Gear	1	13	020109103	Nut	2
4	030509020	Key	1	14	115017090	Kit — Piston, Std.	3
6	198586030	Kit — Bearing, Std.	1	*	115017100	Kit — Piston, 0.5mm o/s	1
*	198586034	Kit — Bearing, 0.25mm u/s	1	15	115016960	Kit — Piston, Std. (Incl. Ref. #16)	1
*	198586037	Kit — Bearing, 0.50mm u/s	1	*	115016970	Kit — Piston, 0.5mm o/s (Incl. Ref. #16)	1
7	198586060	Kit — Bearing, Std.	1	16		Piston	1
*	198586064	Kit — Bearing, 0.25mm u/s	1	17	115326260	Pin	1
*	198586067	Kit — Bearing, 0.50mm u/s	1	18	036500019	Circlip	2
8	115026240	Connecting Rod Assembly (Incl. Ref. # 9 & 10)	3	19	115107400	Kit — Piston Ring, Std.	1
9		Rod	1	*	115107410	Kit — Piston Ring, 0.5mm o/s	1
10		Cap	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



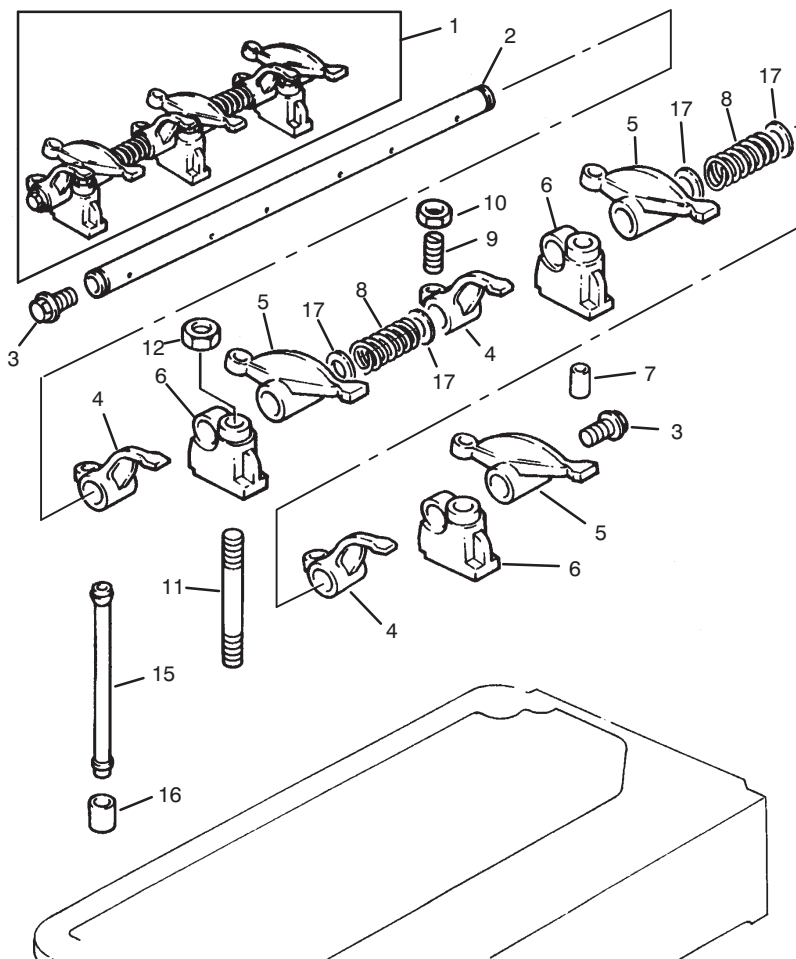
T-2175

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	111016911	Kit - Cylinder Head	1	13	120186100	Cap	3
2	111086030	Kit - Cylinder Head	1	14	120226080	Cotter	6
3	120166280	Valve Inlet	3	15	198466070	Plug	4
5	120406080	Seal	3	16	064200022	Plug	3
6	198217070	Spring	3	17	064200022	Plug	3
7	120186100	Cap	3	20	111136340	Screw	11
8	120226080	Cotter	6	21	111136350	Screw	3
9	120176290	Valve Exhaust	3	23	111147400	Gasket, o/s 1.3mm	1
10	110136290	Insert	3	24	064200018	Plug	2
11	120406080	Seal	3	25	185246060	Switch - Oil Pressure	1
12	198217070	Spring	3	26	385720230	Sender - Temperature	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated

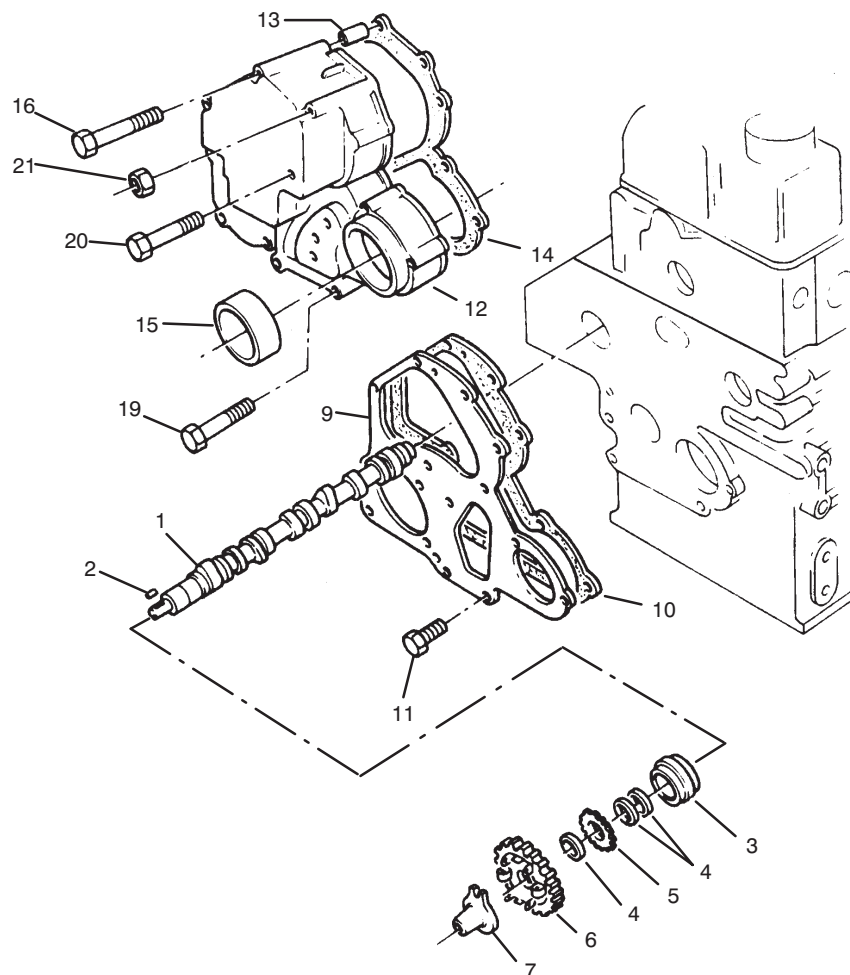


T-1380

ROCKER ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	120036330	Rocker Shaft Assembly	1	9	199486220	Adjusting Screw	6
2	120316190	Shaft	1	10	020109076	Nut	6
3	064609006	Plug	2	11	012109177	Stud	3
4	120356120	Lever	3	12	023100008	Nut	3
5	120356110	Lever	3	15	120456240	Rod	6
6	120346170	Bracket	3	16	120116100	Tappet	6
7	030300325	Pin	1	17	199280280	Washer	4
8	198217080	Spring	2				

NOTE: Obtain replacement parts from your local Perkins Dealer.

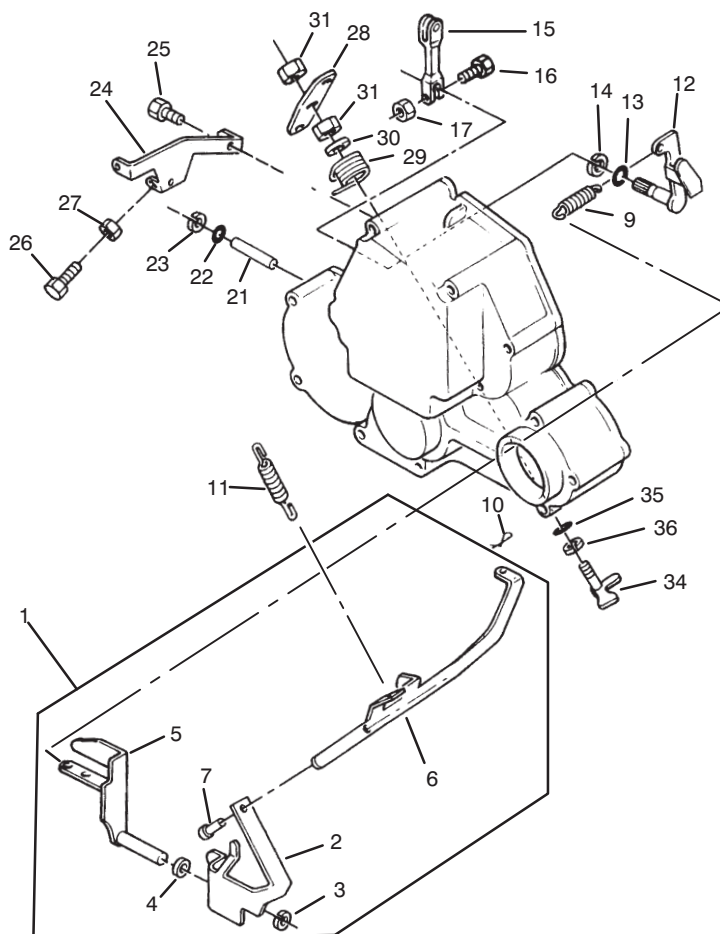


T-1381

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	120026121	Camshaft	1	11	011300612	Bolt	3
2	034100508	Key	1	12	165106131	Cover	1
3	040109059	Bearing	1	13	030300414	Pin	1
4	199216230	Spacer	3	14	165996410	Joint	1
5	120736081	Gear	1	15	198636090	Seal	1
6	120016030	Gear	1	16	011300680	Screw	2
7	125256120	Tappet	1	19	011300640	Screw	4
9	165166260	Plate	1	20	011300660	Screw	2
10	165996400	Joint	1	21	023100006	Nut	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

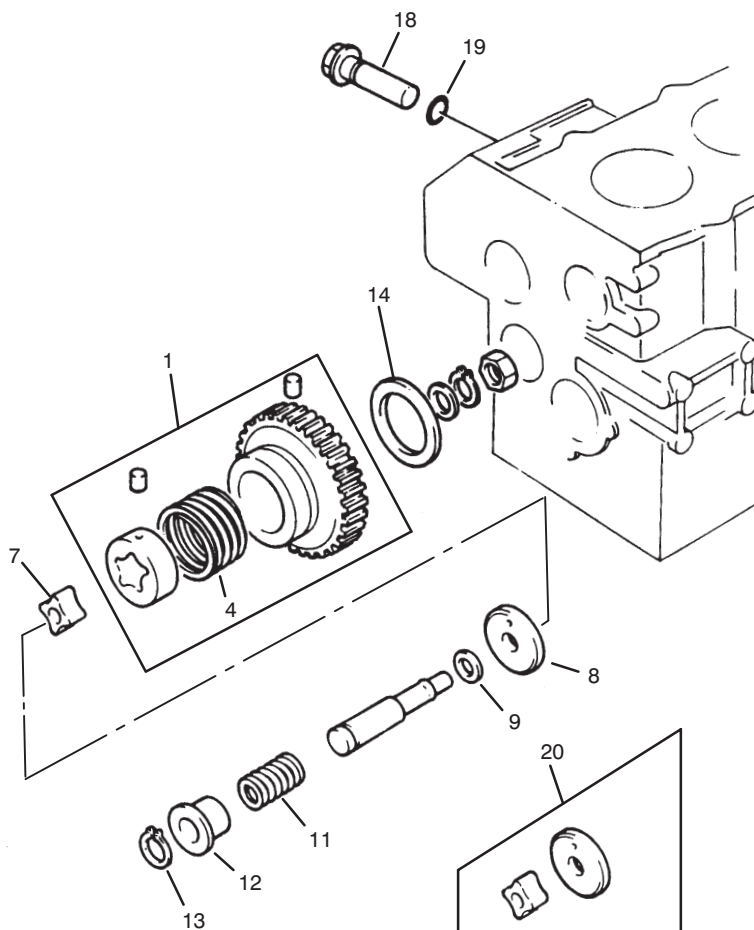


T-1382

TIMING COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	125046250	Lever (Incl. Ref. #2, 6 & 7)	1	17	023100006	Nut	1
2		Lever	1	21	125116130	Shaft	1
3	036800008	Circlip	1	22	052100030	Seal — O—Ring	1
4	026200010	Washer	1	23	036800005	Circlip	1
5	125406071	Lever	1	24	125976120	Stay	1
6		Link	1	25	011300616	Screw	2
7		Pin	1	26	010109264	Screw	2
9	198217110	Spring	1	27	023100006	Nut	2
10	031100004	Pin	1	28	125176080	Lever	1
11	198216731	Spring	1	29	198216760	Spring	1
12	125156170	Arm	1	30	026200008	Washer	1
13	052100070	O Ring	1	31	020300008	Nut	2
14	036800008	Circlip	1	34	125156180	Arm	1
15	125416300	Lever	1	35	052100050	O Ring	1
16	010110630	Screw	1	36	036800006	Circlip	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



T-1383

OIL PUMP ASSEMBLY

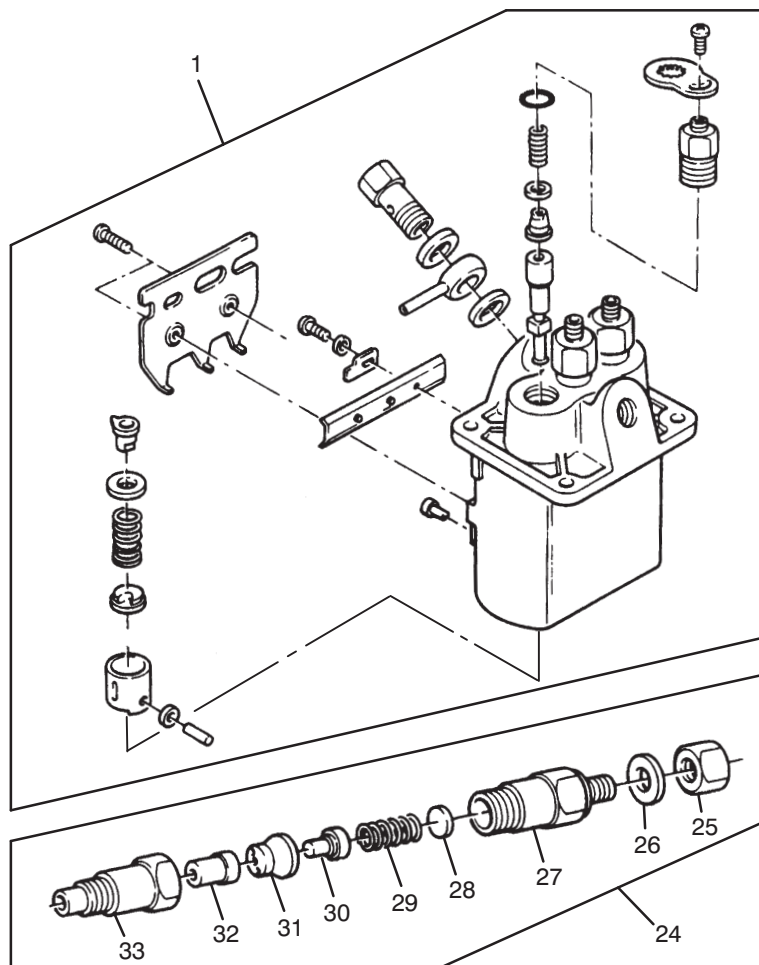
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	165026110	Gear	1	11	198216720	Spring	1
4	198216821	Spring	1	12	199236540	Collar	1
7	140166130	Rotor	1	13	036800010	Circlip	1
8	140116140	Cover	1	14	199266180	Washer	1
9	199286150	Shim, 0.10mm o/s	1	18	140036120	Valve	1
*	199286160	Shim, 0.15mm o/s	1	19	052100150	Seal — O—Ring	1
*	199286170	Shim, 0.20mm o/s	1	20	140186010	Repair Kit	1
*	199286180	Shim, 0.50mm o/s	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated

FUEL INJECTION SYSTEM ASSEMBLY

NOTE: Obtain replacement parts from your local Perkins Dealer.
*Not Illustrated



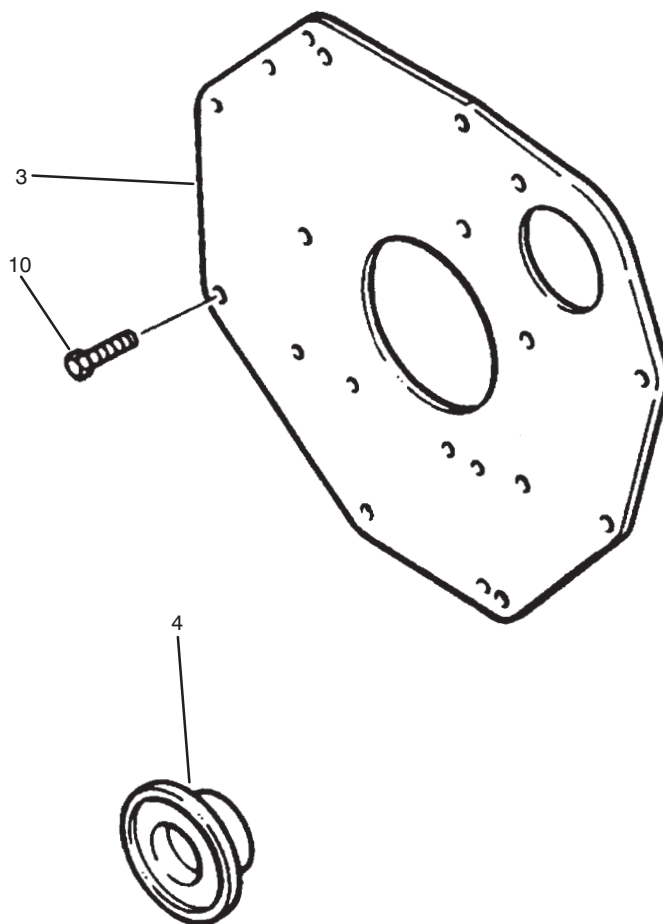
T-2176

INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	131017610	Injection Pump	1	*28	131437262	Shim, 1.20mm o/s	1
24	131406340	Atomiser	3	*	131437263	Shim, 1.225mm o/s	1
25	131446069	Nut	1	*	131437264	Shim, 1.250mm o/s	1
26	131426210	Washer	1	*	131437265	Shim, 1.275mm o/s	1
27	131446065	Body	1	*	131437266	Shim, 1.30mm o/s	1
28	131437250	Shim, 0.90mm o/s	1	*	131437267	Shim, 1.325mm o/s	1
*	131437251	Shim, 0.925mm o/s	1	*	131437268	Shim, 1.35mm o/s	1
*	131437252	Shim, 0.95mm o/s	1	*	131437269	Shim, 1.375mm o/s	1
*	131437253	Shim, 0.975mm o/s	1	*	131437270	Shim, 1.40mm o/s	1
*	131437354	Shim, 1.00mm o/s	1	*	131437271	Shim, 1.425mm o/s	1
*	131437255	Shim, 1.025mm o/s	1	*	131437272	Shim, 1.45mm o/s	1
*	131437256	Shim, 1.05mm o/s	1	29	131446066	Spring	1
*	131437257	Shim, 1.075mm o/s	1	30	131446070	Pin	1
*	131437258	Shim, 1.10mm o/s	1	31	131446068	Spacer	1
*	131437259	Shim, 1.125mm o/s	1	32	131416150	Nozzle	1
*	131437260	Shim, 1.15mm o/s	1	33	131446067	Nut	1
*	131437261	Shim, 1.175mm o/s	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



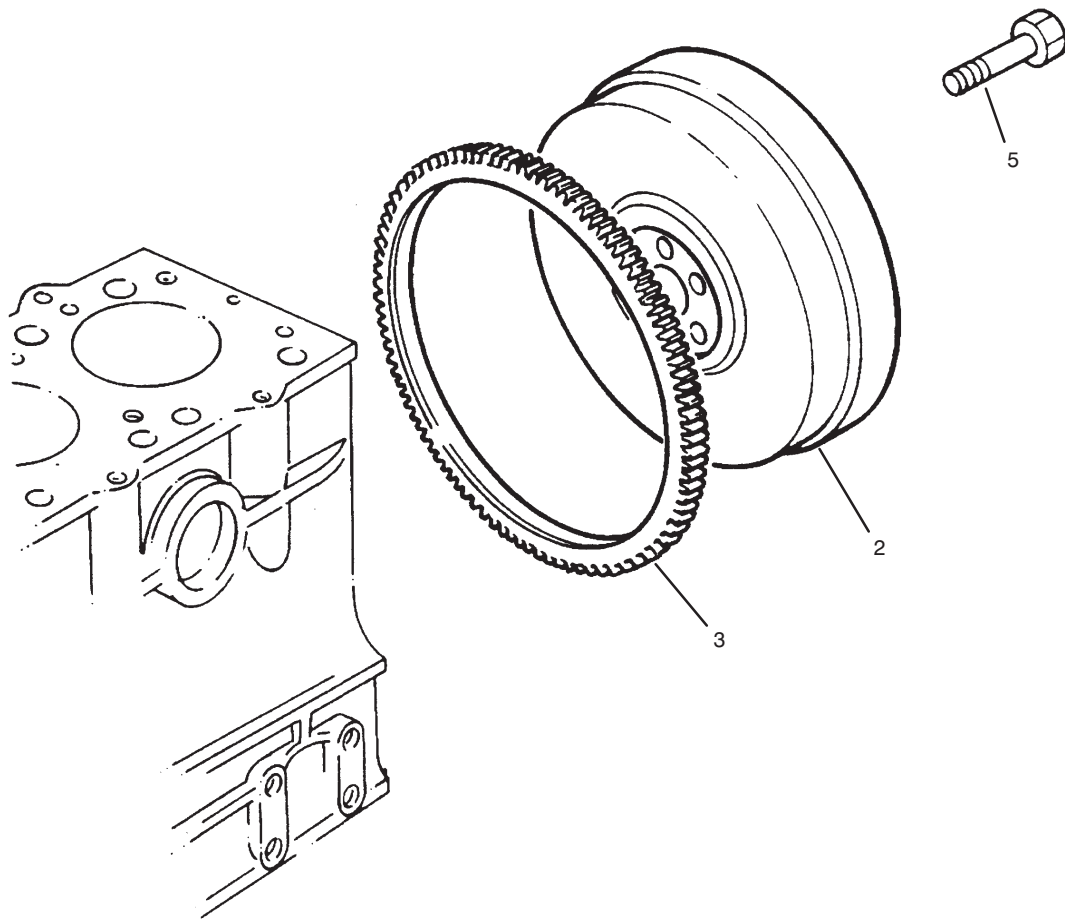
T-1386

REAR PLATE & SEAL

Ref. No.	Part No.	Description	No. Used
3	110366400	Plate	1
4	198636080	Seal	1

Ref. No.	Part No.	Description	No. Used
10	011310816	Screw	10

NOTE: Obtain replacement parts from your local Perkins Dealer.



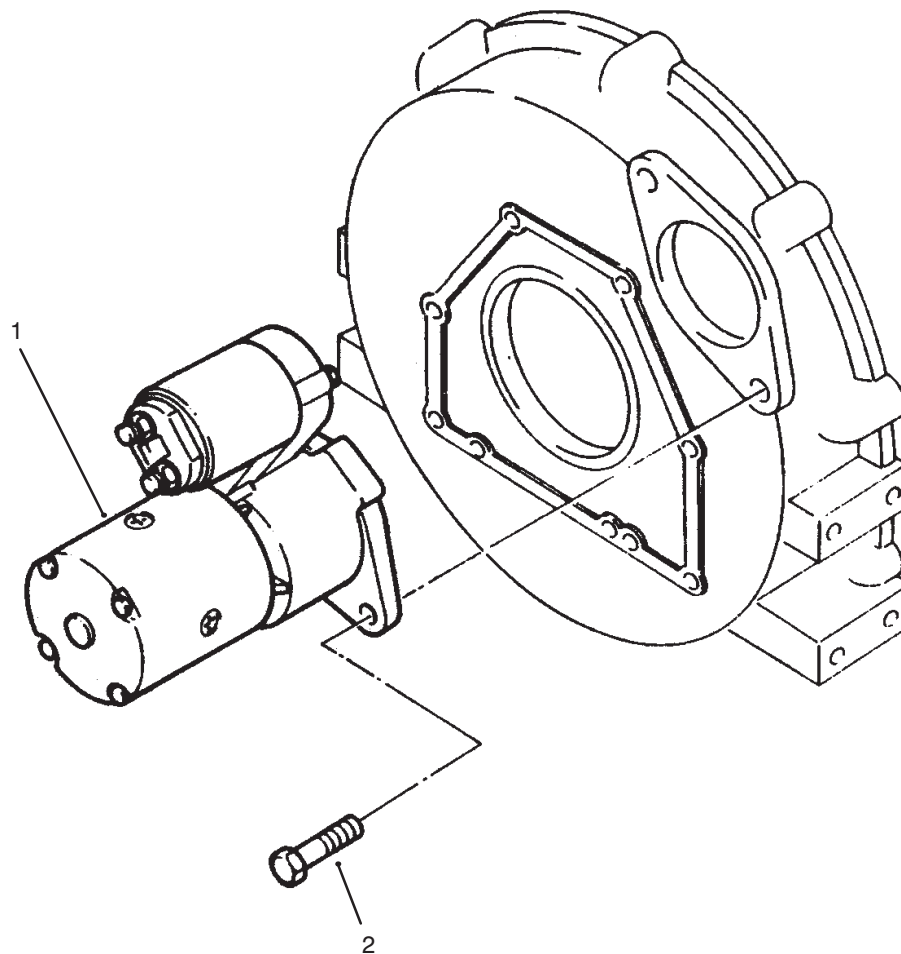
T-1387

FLYWHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	115357190	Flywheel	1
3	115376150	Gear – Ring	1

Ref. No.	Part No.	Description	No. Used
5	010109330	Screw	4

NOTE: Obtain replacement parts from your local Perkins Dealer.



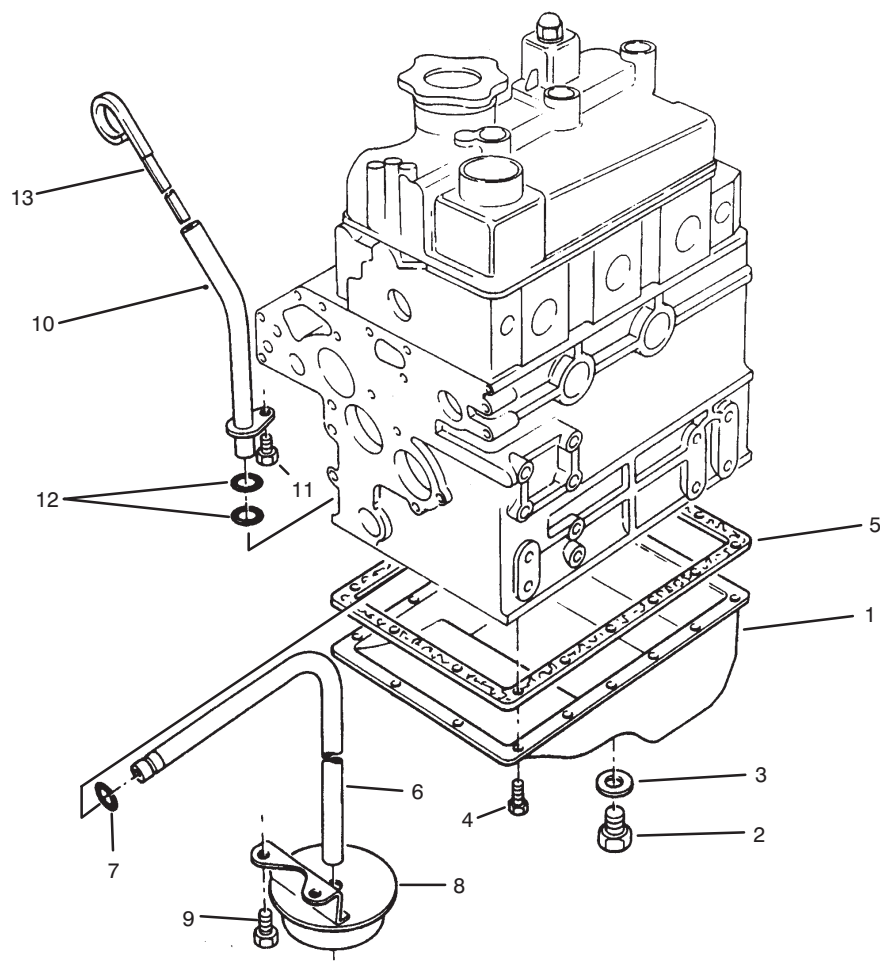
T-2191

STARTER INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185086400	Startermotor	1

Ref. No.	Part No.	Description	No. Used
2	011401020	Screw	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



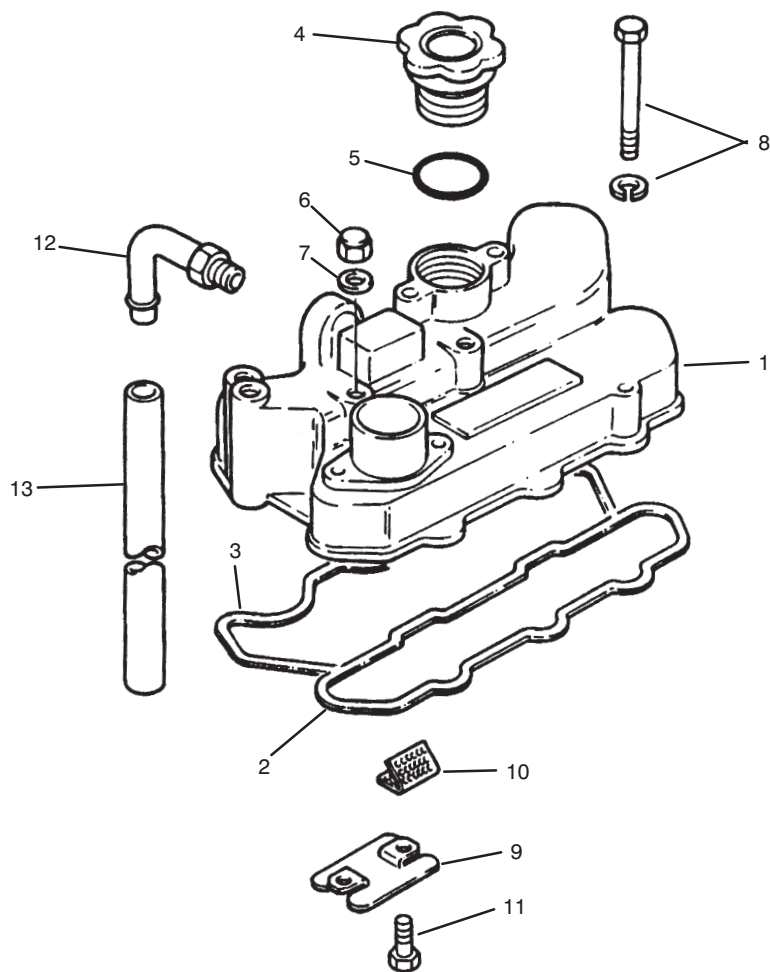
T-1390A

OIL SUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	110706860	Sump	1	8	140406310	Strainer	1
2	010401212	Plug	2	9	011300612	Bolt	2
3	025100012	Washer	2	10	110756380	Tube	1
4	010109235	Screw	18	11	011300812	Screw	1
5	110996590	Gasket	1	*	011300612	Bolt	1
6	140986590	Pipe	1	12	052100100	Seal — O—Ring	2
7	052109076	Seal — O—Ring	1	13	198416371	Dipstick	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



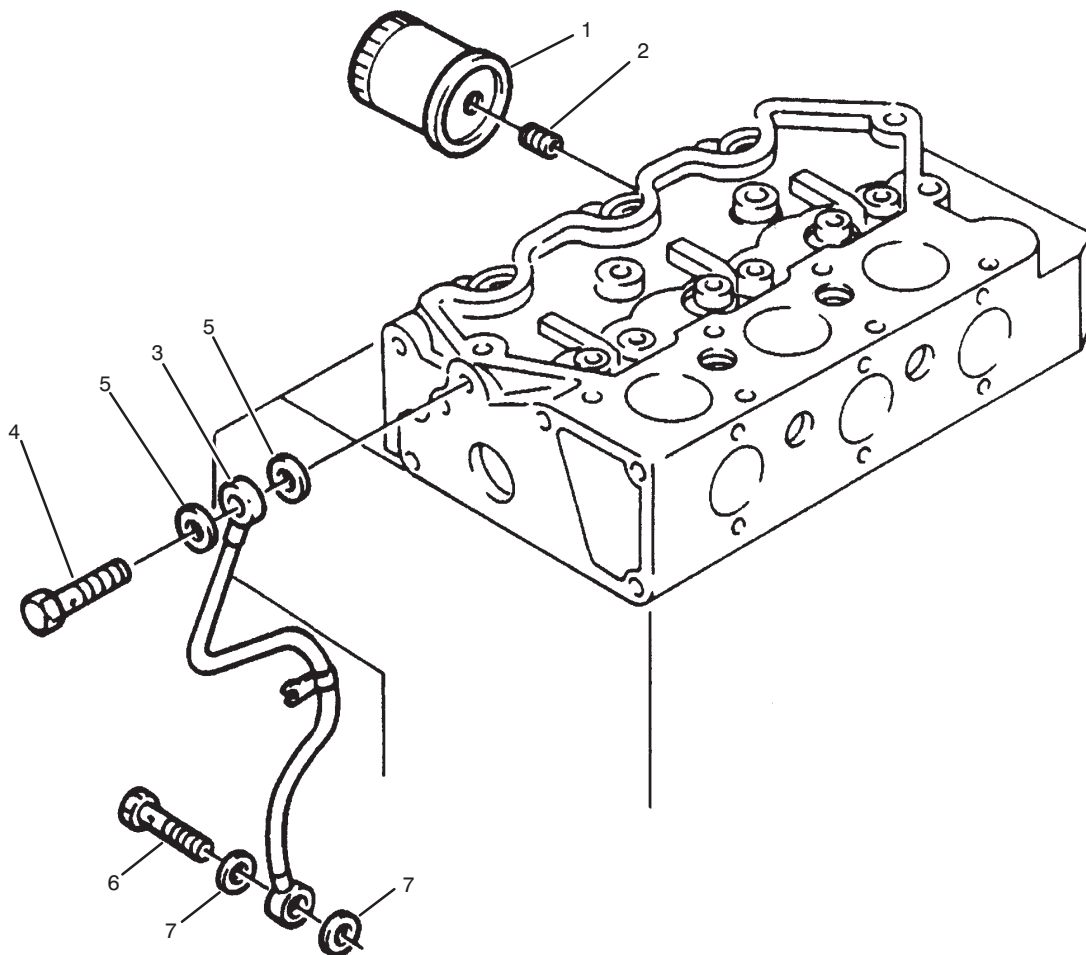
T-1391

VALVE COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	111026371	Cover	1	8	011300650	Screw	2
2	111996330	Gasket	1	9	110666110	Plate	1
3	111996060	Gasket	1	10	110666120	Gauze	1
4	198436010	Cap	1	11	011300612	Bolt	2
5	052100400	Seal	1	12	110986500	Pipe	1
6	024500008	Nut	3	13	068122560	Hose	1
7	198996060	Washer	3				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



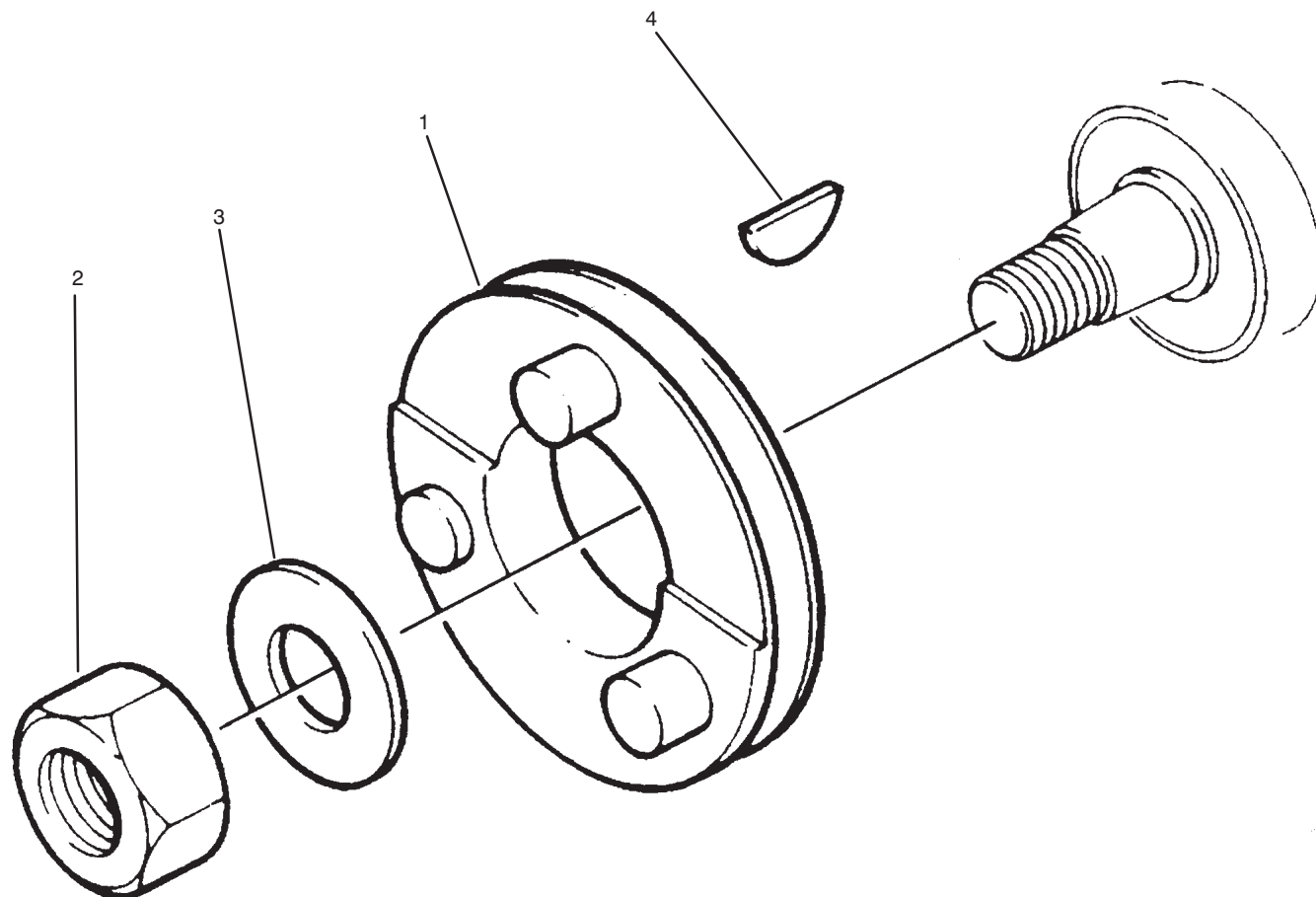
T-1392

OIL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	140516190	Filter – Oil	1
2	140546020	Connection	1
3	140606680	Pipe	1
4	198486780	Bolt	1

Ref. No.	Part No.	Description	No. Used
5	198996060	Washer	2
6	198486780	Bolt	1
7	198996060	Washer	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



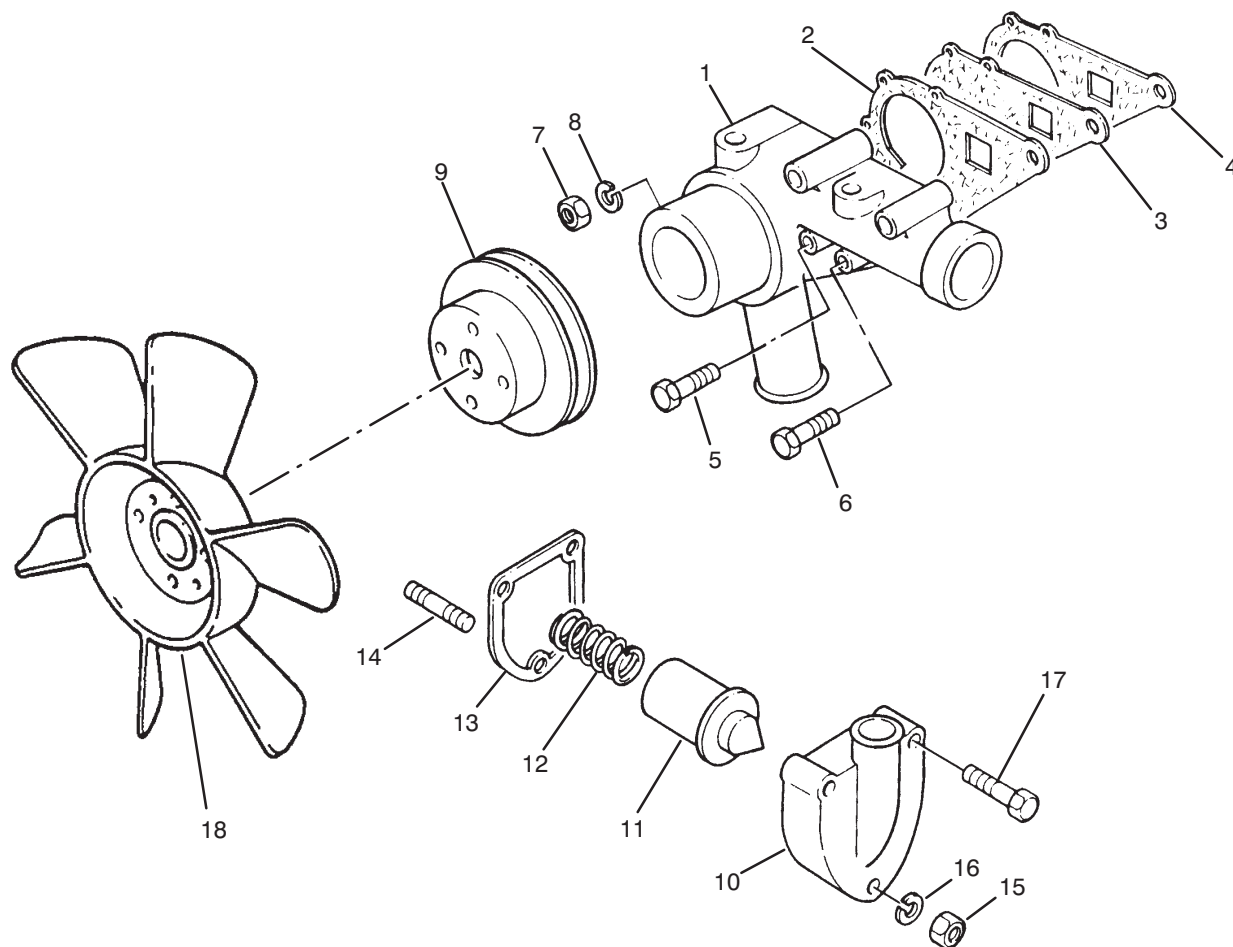
T-1393

FRONT DRIVE PULLEY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	115396742	Pulley	1
2	020800018	Nut	1

Ref. No.	Part No.	Description	No. Used
3	026200018	Washer	1
4	134100508	Key	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



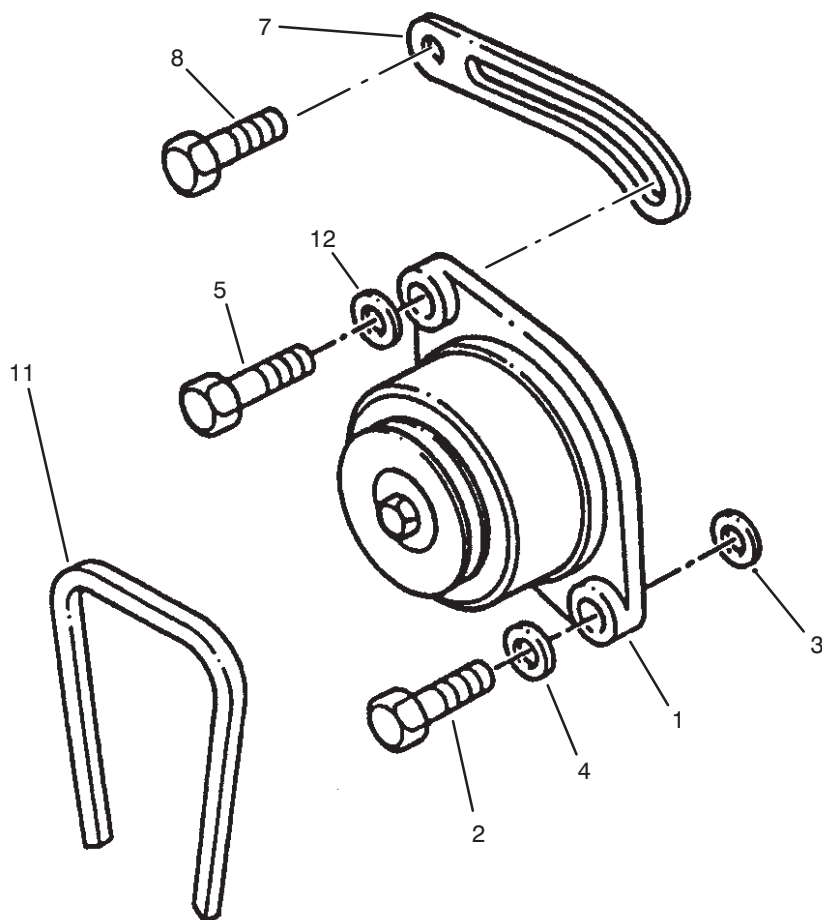
T-2177

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	145017400	Pump – Water	1
2	145996430	Gasket	1
3	145146270	Backplate	1
4	145996420	Gasket	1
5	011300635	Screw	3
6	011300650	Screw	4
7	023100006	Nut	1
8	027100006	Washer	1
9	145336490	Pulley	1

Ref. No.	Part No.	Description	No. Used
10	145216161	Housing	1
11	145206062	Thermostat	1
12	198217410	Spring	1
13	145996440	Gasket	1
14	012100650	Stud	1
15	023100006	Nut	1
16	027100006	Washer	1
17	011300650	Screw	2
18	145306590	Fan	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



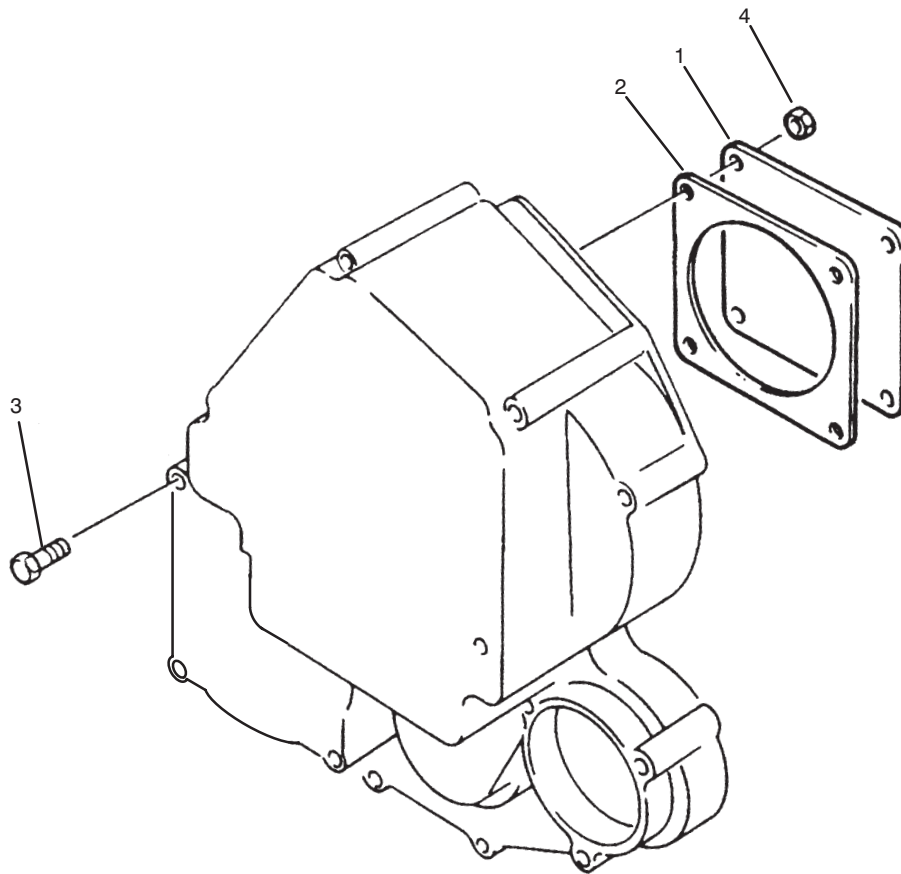
T-2192

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185046300	Alternator	1
2	010110850	Screw	1
3	199236850	Washer	1
4	026109017	Washer	1
5	011310825	Screw	1

Ref. No.	Part No.	Description	No. Used
7	185726910	Lever	1
8	011300816	Screw	1
11	080109083	Belt	1
12	026109017	Washer	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



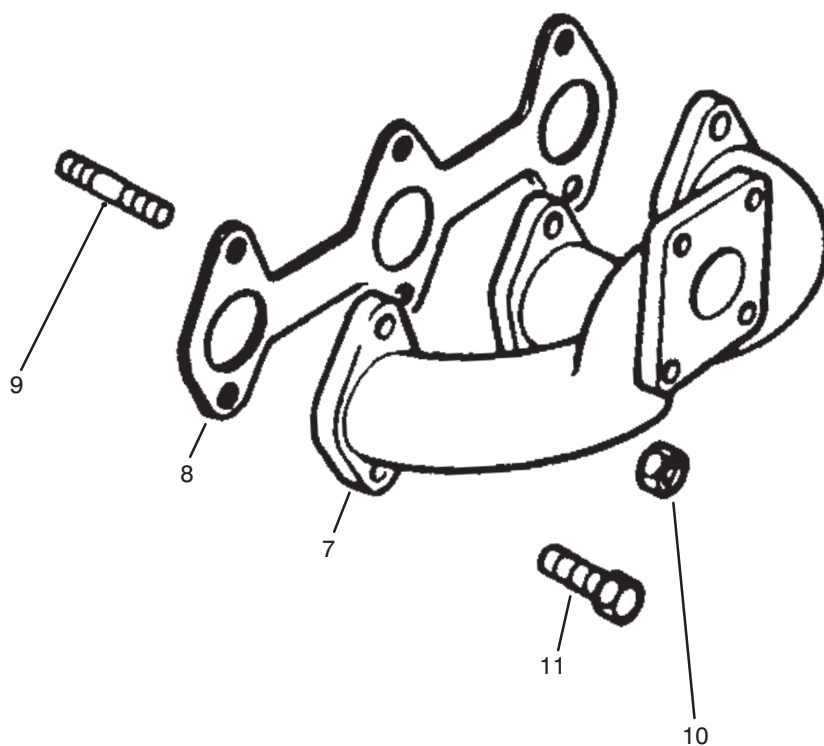
T-1398

TIMING COVER PLATE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	165206360	Plate	1
2	165996420	Gasket	1

Ref. No.	Part No.	Description	No. Used
3	010110850	Screw	4
4	023100008	Nut	4

NOTE: Obtain replacement parts from your local Perkins Dealer.



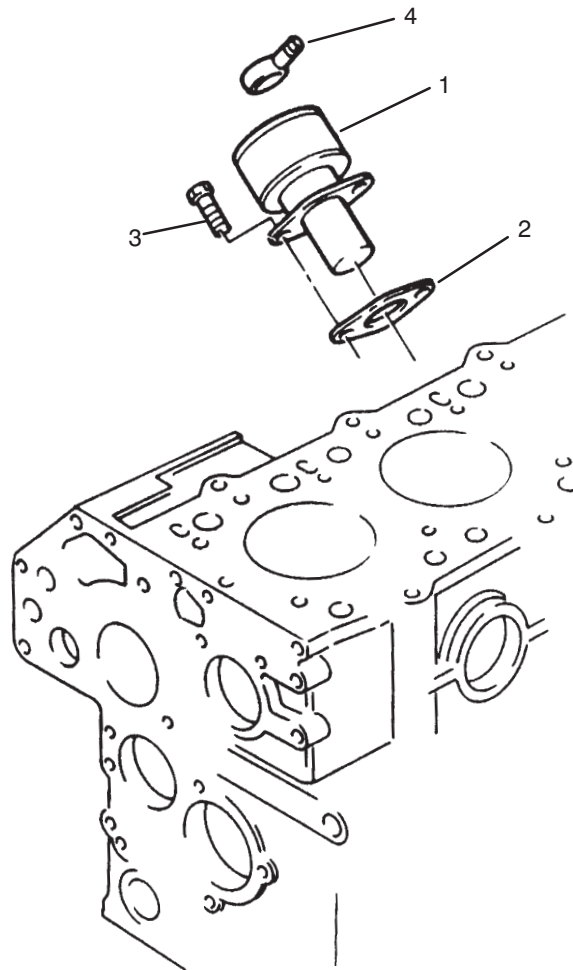
T-2193

EXHAUST MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
7	135616620	Manifold – Exhaust	1
8	135996520	Gasket	1
9	012110625	Stud	3

Ref. No.	Part No.	Description	No. Used
10	023100006	Nut	3
11	011310625	Screw	3

NOTE: Obtain replacement parts from your local Perkins Dealer.



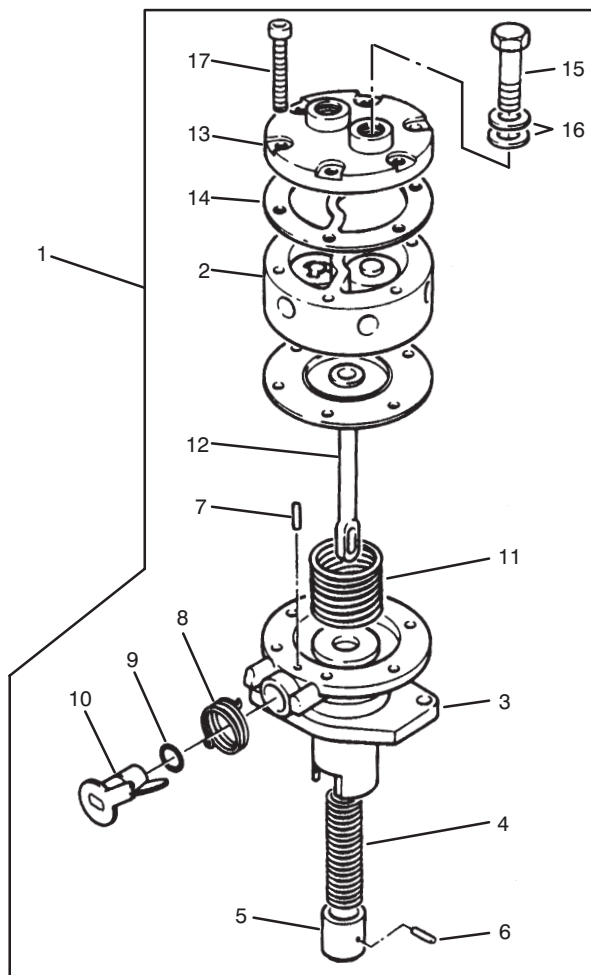
T-2179

LOW PRESSURE FUEL SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	130506140	Pump – Lift	1
2	130996070	Gasket	1

Ref. No.	Part No.	Description	No. Used
3	011140616	Screw	2
4	198486840	Connection	2

NOTE: Obtain replacement parts from your local Perkins Dealer.

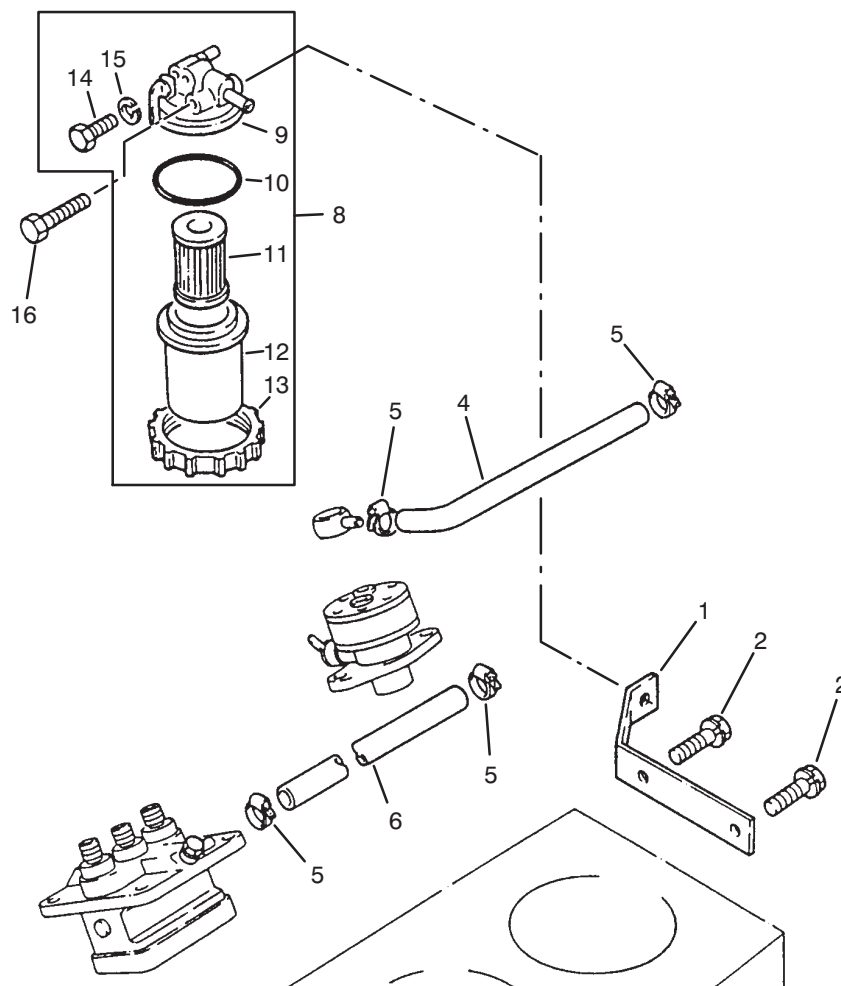


T-1401

LIFT PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	130506140	Lift Pump Assembly (Incl. Ref. #2)	1	9	131226180	Seal – O–Ring	1
2		Body	1	10	130516086	Lever	1
3	130516080	Body	1	11	130516087	Spring	1
4	130516081	Spring	1	12	130516084	Diaphragm	1
5	130516082	Plunger	1	13	130516090	Cap	1
6	130516085	Pin	1	14	130516089	Gasket	1
7	130516088	Pin	1	15	130516092	Bolt	2
8	130516083	Spring	1	16	130516069	Washer	4
				17	130516091	Screw	6

NOTE: Obtain replacement parts from your local Perkins Dealer.

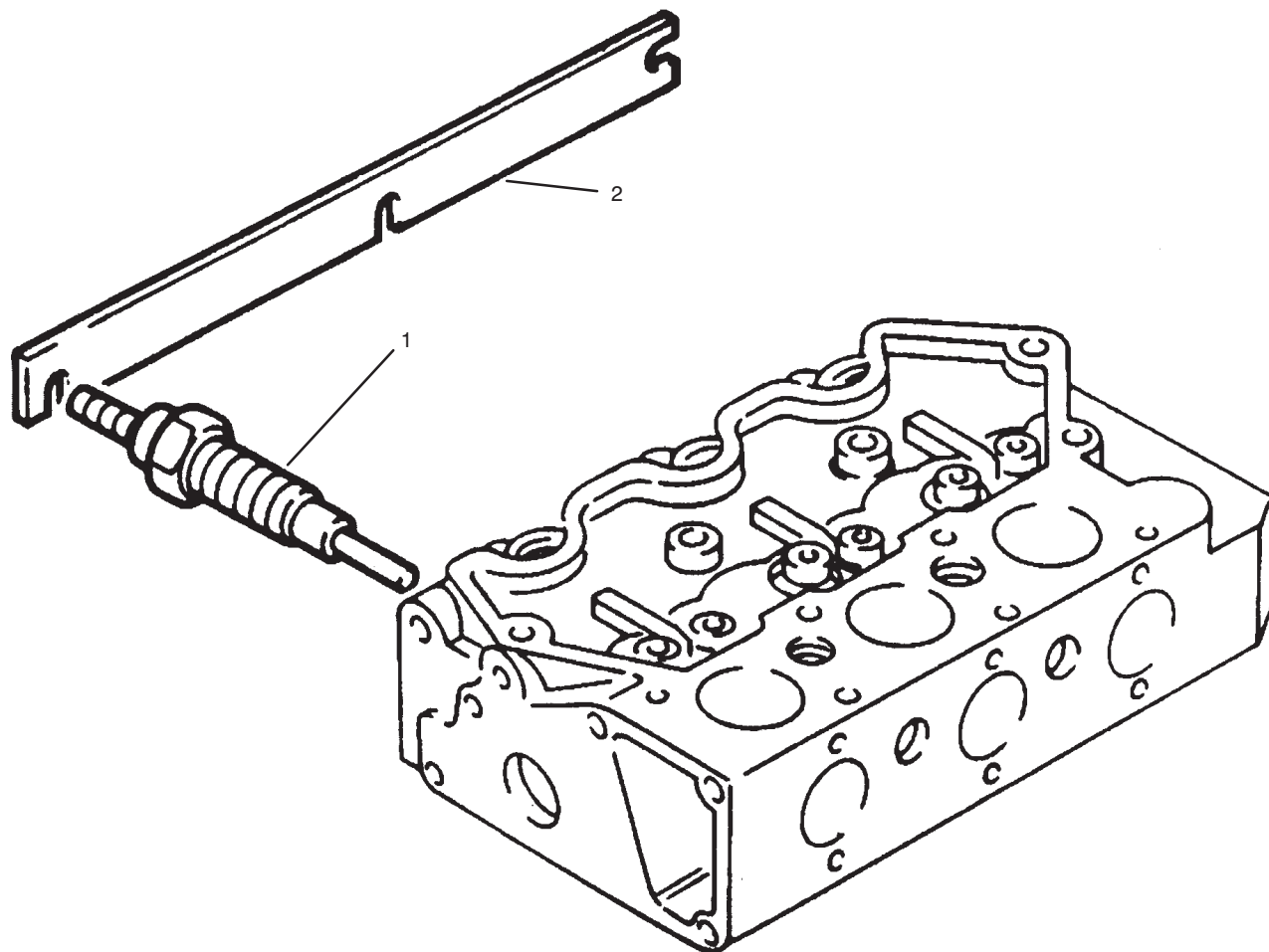


T-2180

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	130976222	Bracket	1	10	052100440	Seal – O–Ring	1
2	011310816	Screw	1	11	130336040	Element – Filter	1
4	068207224	Pipe – Fuel	1	12	130336031	Container	1
5	198346020	Clip	4	13	130446090	Ring	1
6	068207400	Pipe – Fuel	1	14	130446080	Plug	2
8	130306041	Fuel Filter Assembly (Incl. Ref. #9)	1	15	130326120	Washer	2
9		Head – Filter	1	16	010100865	Screw	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



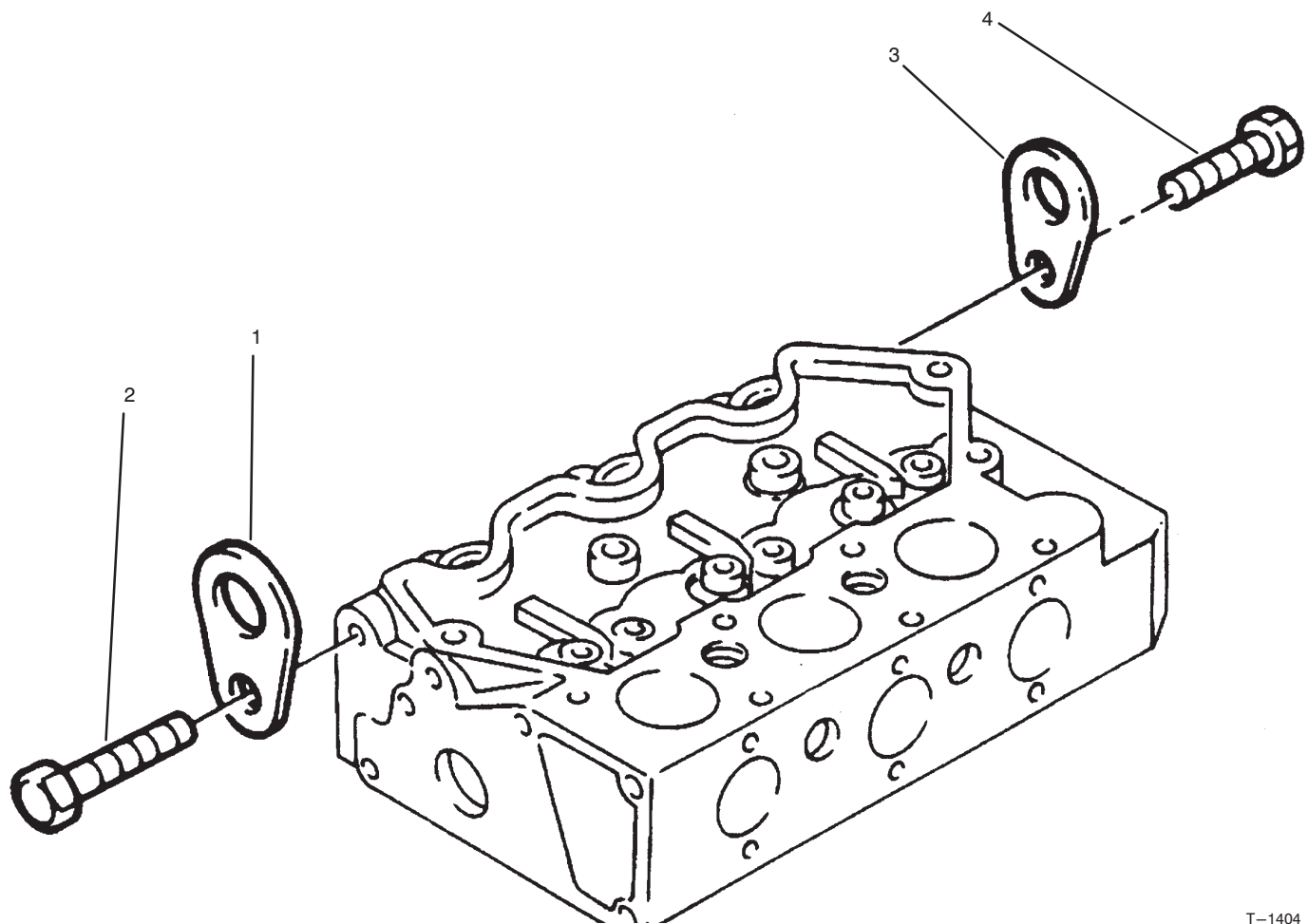
T-1403

COLD START SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185366190	Heater	3

Ref. No.	Part No.	Description	No. Used
2	185376170	Bar	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



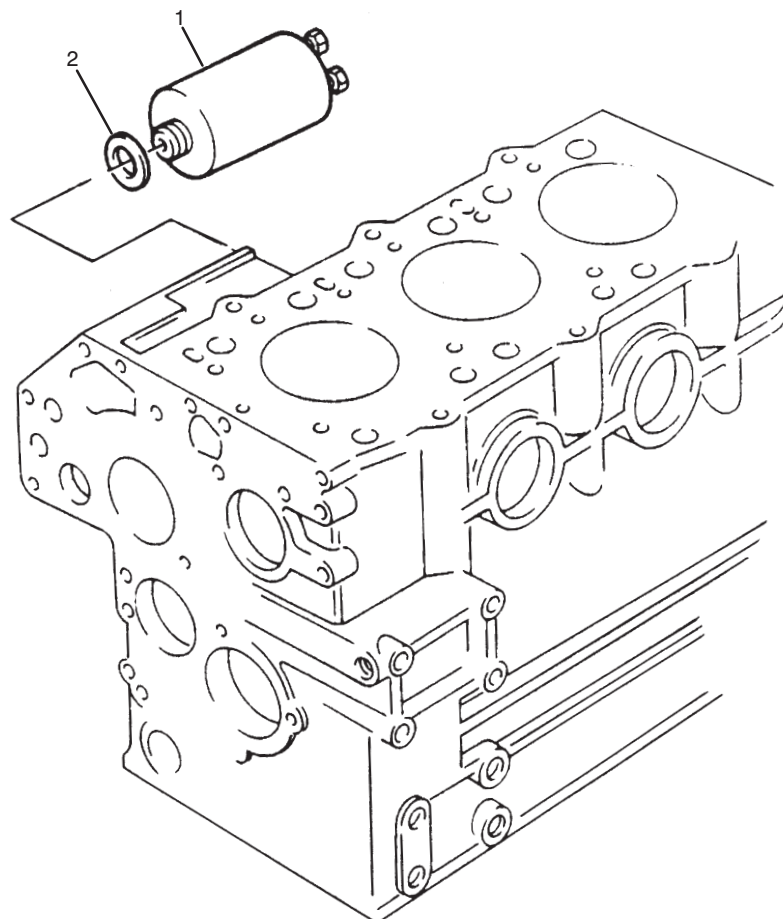
T-1404

ENGINE LIFTING TAB ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	195816200	Plate	1
2	011310816	Screw	1

Ref. No.	Part No.	Description	No. Used
3	195816200	Plate	1
4	011310816	Screw	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



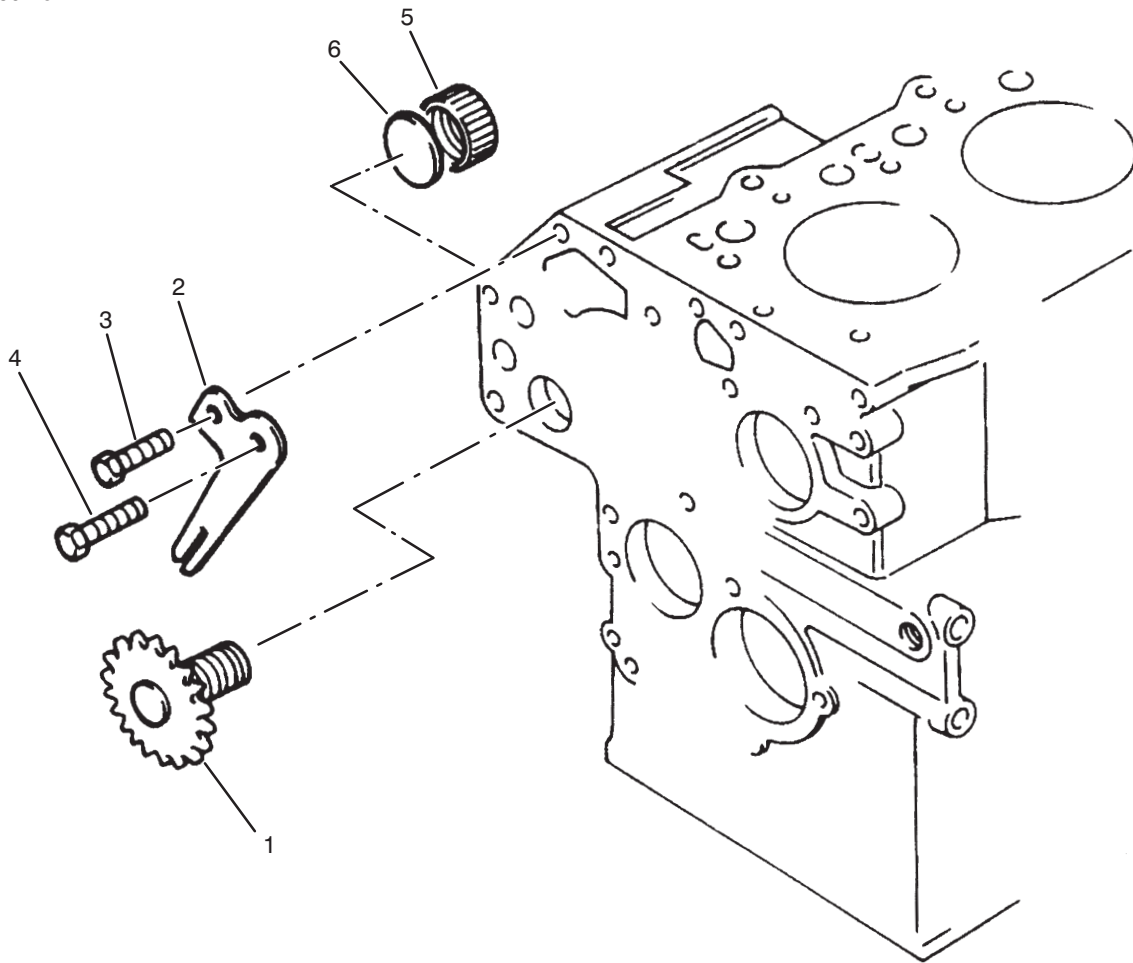
T-1405

THROTTLE STOP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185206082	Solenoid	1

Ref. No.	Part No.	Description	No. Used
2	025100016	Washer	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



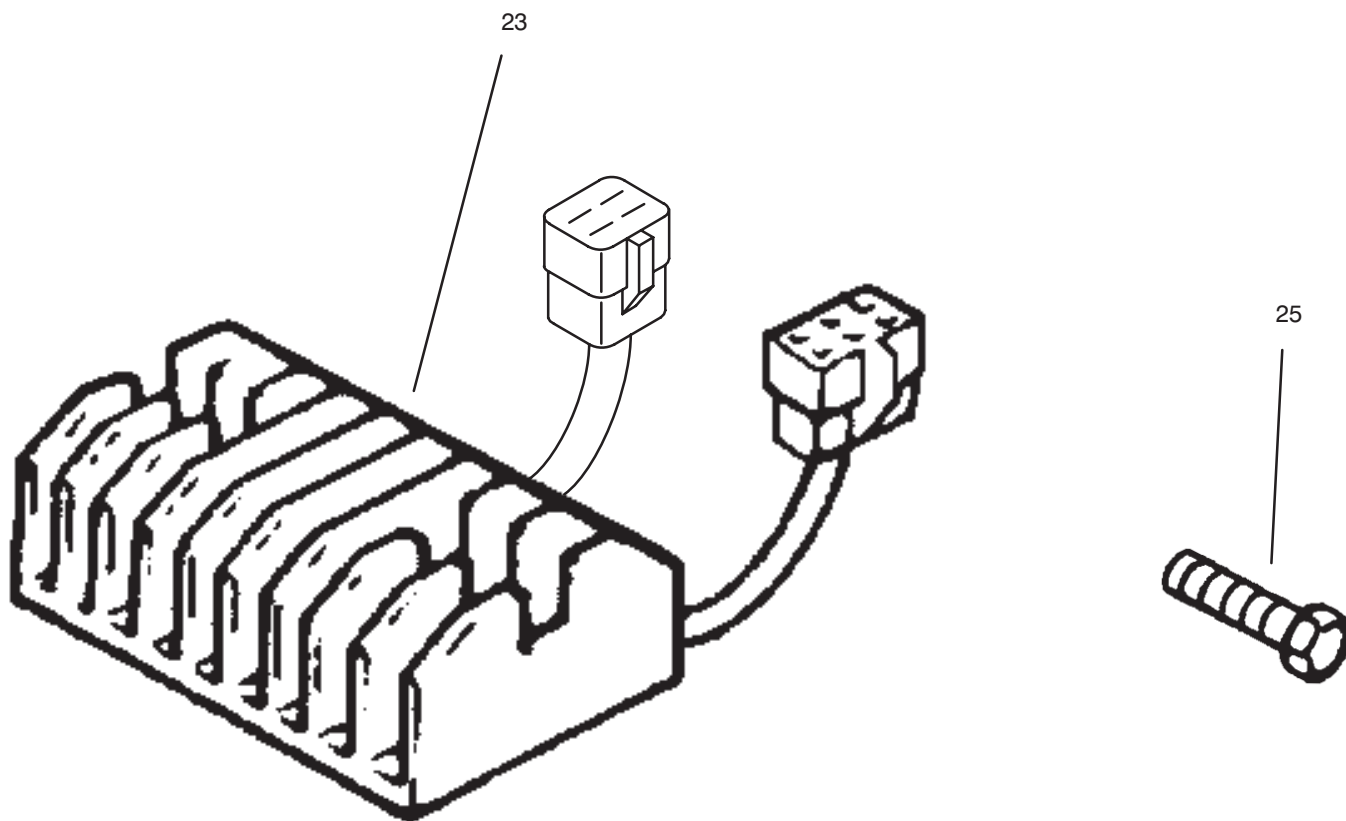
T-1406

RECORDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	120076070	Shaft	1
2	199566651	Plate	1
3	011310612	Screw	1

Ref. No.	Part No.	Description	No. Used
4	010700610	Screw	1
5	199376230	Cap	1
6	120996060	Seal	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



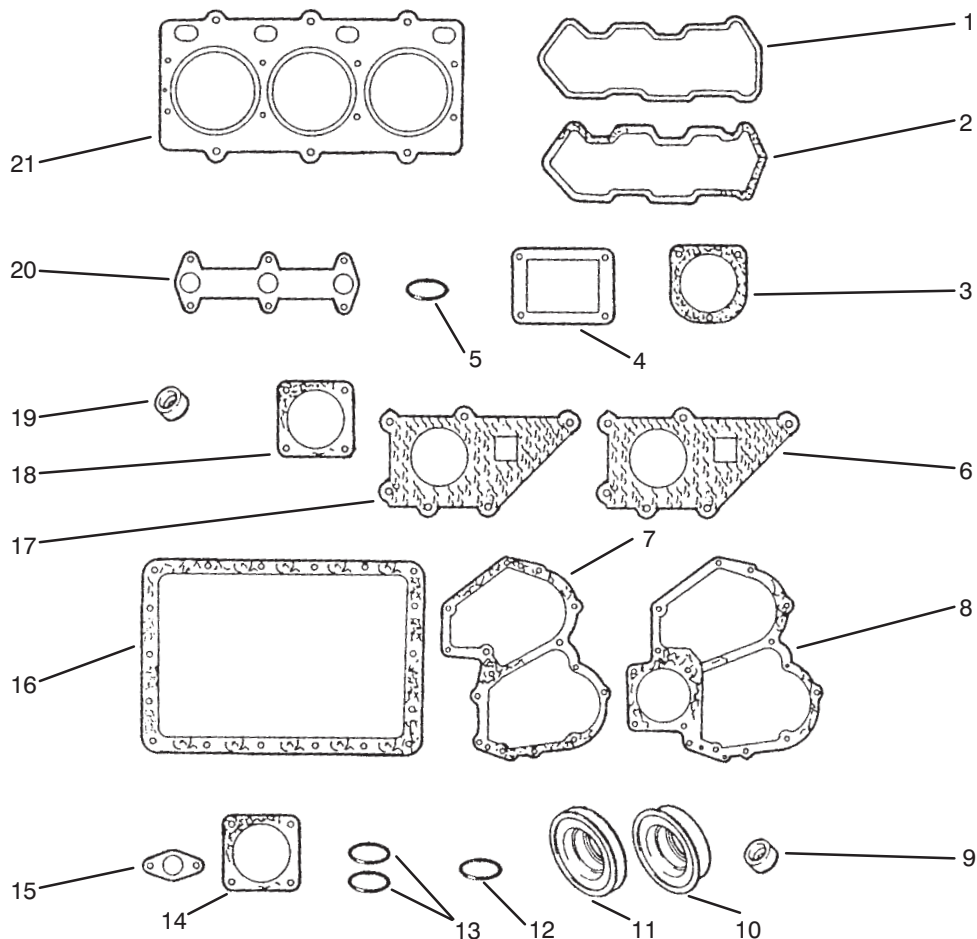
T-2194

ELECTRICAL COMPONENT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
23	185516140	Regulator	1

Ref. No.	Part No.	Description	No. Used
25	011310825	Screw	4

NOTE: Obtain replacement parts from your local Perkins Dealer.



T-1970

GASKET AND SEALS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	111996060	Gasket	1	13	052100100	O-Ring	2
2	111996330	Gasket	1	14	165996420	Gasket	1
3	145996440	Gasket	1	15	130996070	Gasket	1
4	130996070	Gasket	1	16	110996590	Gasket	1
5	052100400	Seal	1	17	145996420	Gasket	1
6	145996430	Gasket	1	18	314990013	Gasket	1
7	165996400	Gasket	1	19	120406080	Seal	3
8	165996410	Gasket	1	20	135996520	Gasket	1
9	131426200	Gasket	3	21	111147390	Gasket	1
10	198636080	Seal	1	*	195906840	Kit - Gasket & Seals (Incl. Ref. #1-21)	1
11	198636090	Seal	1				
12	052109076	O-Ring	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated

TORO PART NUMBER INDEX

3317—790 Rev. B

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
2844	Washer	24 36 3	74—5950	Latch — Swell	18 11 2
3—6498	Washer — Thrust	24 12 1	74—9100	Pad — Pedal Forward	2 3 1
5—3934	Bolt	7 5 1	74—9110	Pad — Pedal Reverse	2 2 1
10—6060	Pin — Ram Pivot	29 5 2	75—2010	Cartridge — Relief 2000 psi	14 8 1
10—6821	Brake Drum Assembly	3 * 2	75—2080	Seal Kit	14 * 5
10—6830	Stud — Drive	7 28 4	75—2090	Seal Kit	14 * 1
10—6850	Drum — Brake	3 3 2	75—3420	Lever — Control	10 7 1
10—6870	Hub — Wheel	3 24 2	75—5470	Spacer	24 15 1
10—7880	Hinge — Upper	1 11 1	75—5470	Spacer	11 17 1
10—7890	Hinge — Lower	1 12 1	75—9440	Hub — Wheel	7 6 1
17—9420	Screw — Handle	2 18 1	76—0800	Seal Kit	4 * 1
18—6320	Washer — Steering	7 3 3	76—0810	Housing Assembly	4 * 1
18—6380	Pin	24 18 1	76—0840	Manifold	4 22 1
26—3790	Nut — Lock	3 14 2	76—0850	Bearing — Thrust	4 12 1
27—2360	Switch — Ignition	10 13 1	76—0860	Shaft — Coupling	4 11 1
27—6600	Spacer — Coupling	19 9 4	76—0870	Plate — Wear	4 18 1
28—3680	Tire	3 2 2	76—0880	Commutator Assembly	4 * 1
28—3680	Tire	7 7 1	76—0940	End Cover Assembly	4 24 1
33—3720	Washer	23 33 1	76—6070	Rotating Kit Assembly	23 11 1
33—3750	Race — Inner	23 28 1	76—6080	Seal — Cover	23 5 1
39—2080	Dump Valve Assembly	23 21 1	76—6090	Cover — Trunion	23 25 1
41—4430	Plate — Washer	33 21 3	76—6100	Cover — Trunion O—Ring	23 26 1
42—2720	Seal — Shaft	23 34 1	76—6140	O—Ring	23 27 1
43—6280	Button — Push	10 28 1	76—6150	Pin — Dowel	23 15 2
43—6420	Bezel	10 29 1	76—6160	Screw — Cap	23 23 2
47—2890	Bushing	5 12 2	76—6170	Screw — Cap	23 22 2
47—6990	Nut — Steering Wheel	5 6 1	76—6180	Washer	23 7 2
48—9510	Nut — Lock	25 24 1	76—6190	Seal — Shaft	23 6 1
49—6440	Pedal — Accelerator	2 4 1	76—6200	Spring	23 19 2
56—2230	Hose — Fuel	16 24 1	76—8870	Lever Damper Assembly	24 4 1
56—2520	Fitting — Fuel Shut Off	16 9 1	80—8650	Coupling — Rubber	19 8 1
60—6330	Screw	23 4 4	81—1690	Clamp — Throttle Cable	33 33 1
63—2290	Washer — Thrust	31 19 1	83—0730	Spacer — Lockup	5 8 1
63—8360	Key — Ignition	10 6 2	83—0740	Disc — Friction	5 4 2
63—8410	Washer — Flat	16 4 3	83—0760	Spacer — Lockup	5 3 1
63—8410	Washer — Flat	17 12 4	83—0810	Cover — Steering Valve	5 16 1
63—9750	Mount — Rubber	24 35 3	83—1030	Mount — Engine	33 18 3
65—6390	Washer — Thrust	5 24 1	83—1420	Steering Column Assembly	5 15 1
65—8320	Bar — Gauge	29 * 1	83—1700	Bushing — Flange	1 15 3
66—2490	Retainer — Battery	15 7 1	84—2000	Bracket — Brake	3 6 2
66—2750	Battery	15 6 1	85—6540	Stud — Drive	3 25 8
66—2950	Gauge — Hour Meter	10 4 1	85—9190	Plate — Control	10 10 1
66—3240	Cap — Radiator	18 30 1	85—9720	Fitting — Hydraulic	31 17 1
66—8800	Relay — Glow Plug	15 11 1	86—5390	Kit — Seal, Repair	30 * 1
68—3270	Bumper	15 28 2	86—5390	Kit — Seal, Repair	32 * 1
68—5130	Wheel — Steering	5 5 1	88—1270	Decal — Safety	15 14 1
68—5140	Cap — Steering Wheel	5 27 1	88—7200	Washer — Pivot	24 7 1
68—6150	Breather — Air	17 20 1	88—9190	Solenoid — 20 Watt	14 1 4
69—2260	Seal — Load	21 2 2	92—2538	Timer — Glow Plug	10 17 2
69—2270	Seal — Pre—Load	21 1 2	92—3154	Tab — Throttle	33 24 1
69—2350	Ring — Sealing	21 3 2	92—3188	Diode — Circuit Board	10 15 1
69—4240	Seal Kit	14 * 1	92—3188	Diode — Circuit Board	15 39 1
69—9000	Spacer	27 10 4	92—5753	Clamp — Hose Double	15 26 2
69—9000	Spacer	26 12 4	92—5753	Clamp — Hose, Double	33 42 1
69—9010	Washer	27 9 8	92—5838	Ball Joint	7 10 2
69—9010	Washer	26 11 8	92—6280	Seat	8 1 1
70—1240	Plug Assembly	23 18 2	92—6315	Cartridge — N.C.	14 9 1
70—1480	Relay	15 1 8	92—8020	Adapter — Breather	17 36 1
70—9840	Shoe — Brake	3 27 4	92—8795	Assembly — Body	28 10 1
70—9850	Clip — Retaining	3 29 2	92—8796	Pin — Dowel	28 14 2
70—9860	Cam — Brake	3 26 2	92—8863	Repair Kit	28 * 1
70—9870	Plate — Backing	3 28 2	92—8990	Adjuster — Seat	8 13 1
70—9880	Spring — Return	3 4 4	92—8991	Adjuster w/Latch	8 14 1
71—1500	Brake Assembly	3 * 2	92—8995	Bushing — Straight	31 5 2
72—9760	Switch — Override	10 16 1	92—8995	Bushing — Straight	29 25 4
74—0720	Tube — Manual	8 16 1	92—9199	Hydraulic Motor — Wheel	3 10 2
74—3730	Spacer — Cylinder	7 20 2	92—9761	Link — Drive	4 13 7
74—3810	Assembly — Load Plate	28 9 1	92—9762	Screw — Cap Hex. Hd.	4 14 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
92-9763	Rotor Set	4 * 1	93-2230	Hose - Fuel	33 36 1
92-9775	Warning Light Cluster	10 5 1	93-2233	Decal - GR3200	7 22 2
93-1375	Reel Motor	27 5 1	93-2235	Tank - Hydraulic	17 6 1
93-1375	Reel Motor	26 13 2	93-2236	Mount - Oil Filter	17 10 1
93-2010	Frame	1 4 1	93-2238	T-Block	26 18 1
93-2016	Hose - Radiator	18 23 1	93-2240	Manifold Assembly	13 1 1
93-2018	Hose - Radiator	18 17 1	93-2242	Filter Assembly - Oil	17 8 1
93-2020	Bracket - Support	33 14 1	93-2246	Hydraulic Cylinder Assembly	29 1 2
93-2031	Hose - Radiator	18 2 1	93-2252	Hose Assembly	19 23 1
93-2035	Hose - Air Cleaner	25 18 1	93-2252	Hose Assembly	5 31 1
93-2035	Hose - Air Cleaner	15 34 1	93-2254	Hose Assembly	13 20 2
93-2035	Hose - Air Cleaner	18 34 1	93-2254	Hose Assembly	29 24 2
93-2036	Clamp - Air Hose	15 27 1	93-2255	Hose Assembly	29 3 1
93-2042	Hose - Fuel	33 10 1	93-2255	Hose Assembly	13 26 1
93-2043	Hose - Fuel	33 9 1	93-2255	Hose Assembly	15 36 1
93-2048	Cap - Overflow Tank	16 19 1	93-2256	Hose Assembly	29 4 1
93-2049	Tank - Overflow	16 21 1	93-2256	Hose Assembly	13 25 1
93-2050	Screen	18 10 1	93-2256	Hose Assembly	15 35 1
93-2055	Reed Switch - Sensor	11 9 2	93-2258	Hose Assembly	31 20 1
93-2056	Reed Switch - Actuator	11 10 1	93-2258	Hose Assembly	13 24 1
93-2058	Bracket - Traction	11 15 1	93-2259	Hose Assembly	27 4 2
93-2064	Spring - Detent	11 16 1	93-2260	Hose - Expansion Tank	16 5 1
93-2068	Hose - Pump Inlet	19 24 1	93-2260	Hose - Expansion Tank	18 25 1
93-2068	Hose - Pump Inlet	17 31 1	93-2262	Hose Assembly	26 15 2
93-2069	Rod - Brake	3 12 2	93-2263	Hose Assembly	26 17 2
93-2069	Rod - Brake	1 14 2	93-2264	Hose Assembly	26 14 2
93-2070	Clevis - Swivel	3 21 2	93-2269	Hose Assembly	7 16 1
93-2071	Fitting - Hydraulic Barb	18 3 2	93-2269	Hose Assembly	15 30 1
93-2072	Shield - Wheel RH	1 17 1	93-2269	Hose Assembly	5 32 1
93-2073	Shield - Wheel LH	1 16 1	93-2270	Hose Assembly	7 14 1
93-2075	Brake Pedal	1 21 1	93-2270	Hose Assembly	15 29 1
93-2080	Brake Latch	1 13 1	93-2270	Hose Assembly	5 33 1
93-2085	Rod	2 1 1	93-2271	Hose Assembly	13 13 1
93-2092	Clamp - Cable	2 31 1	93-2271	Hose Assembly	5 34 1
93-2096	Lever - Brake	3 13 2	93-2272	Hose Assembly	13 14 1
93-2099	Cable - Traction Control	2 16 1	93-2272	Hose Assembly	5 30 1
93-2099	Cable - Traction Control	24 29 1	93-2275	Screen - Filler	17 17 1
93-2103	Bushing - Straight	24 10 1	93-2276	Spring - Brake Latch	1 2 1
93-2111	Stud - Traction	24 13 1	93-2279	Clamp - Cable	11 2 1
93-2115	Steering Arm	5 19 1	93-2279	Clamp - Cable	2 34 1
93-2120	Steering Control Valve	5 23 1	93-2298	Hose - Fuel	16 23 1
93-2122	Cylinder Asm - Steering	7 13 1	93-2298	Hose - Fuel	33 35 1
93-2123	Bracket - Fuse Block	15 19 1	93-2299	Fitting - Fuel	16 11 1
93-2125	Castor Fork	7 4 1	93-2300	Radiator	18 4 1
93-2128	Panel - Seat Base	8 5 1	93-2310	Radiator Support	18 8 1
93-2133	Ball Joint	31 15 1	93-2320	Shroud - Fan	18 19 1
93-2133	Ball Joint	29 20 2	93-2322	Cable - Throttle Control	33 40 1
93-2135	Support - Seat	8 4 1	93-2322	Control - Throttle	10 9 1
93-2141	Plate - Floor	2 9 1	93-2340	Harness - Wire	10 26 1
93-2142	Pad - Floor Plate	2 8 1	93-2340	Wire Harness	15 23 1
93-2150	Engine - Perkins	33 1 1	93-2340	Wire Harness	33 38 1
93-2151	Plate - Backing	33 3 1	93-2343	Cable - Battery Positive	15 21 1
93-2152	Adapter - Fan	33 2 1	93-2343	Cable - Battery Positive	33 39 1
93-2155	Engine Mount - Front	33 13 1	93-2344	Cable - Battery Negative	15 22 1
93-2160	Engine Mount - Rear	33 11 1	93-2344	Cable - Battery Negative	33 37 1
93-2169	Bracket - Relay	15 4 1	93-2350	Carrier - Center	31 7 1
93-2170	Pump Adapter	19 10 1	93-2360	Carrier - LH	29 12 1
93-2173	Plate - Pump	33 27 1	93-2361	Bushing - Flange	31 6 2
93-2177	Spacer - Upper	33 28 2	93-2361	Bushing - Flange	29 10 4
93-2178	Spacer - Lower	33 29 2	93-2362	Roller - Anti Scalp	31 11 4
93-2183	Pipe - Exhaust	25 12 1	93-2362	Roller - Anti Scalp	29 17 8
93-2185	Exhaust Bracket	25 11 1	93-2363	Shaft - Roller	31 12 2
93-2190	Air Cleaner Assembly	25 6 1	93-2363	Shaft - Roller	29 16 4
93-2191	Mounting Band Assembly	25 5 1	93-2368	Bushing - Flange	31 10 2
93-2195	Element - Air Cleaner	25 *23 1	93-2368	Bushing - Flange	29 14 4
93-2199	Screw - HH	5 9 1	93-2369	Carrier - RH	29 11 1
93-2225	Tank - Fuel	16 2 1	93-2380	Pin	29 6 2
93-2230	Hose - Fuel	16 12 1	93-2384	Spacer - Carrier	29 28 2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
93—2400	Lockup Handle	5 2 1	94—1369	Spring — Ext.	24 17 1
93—2403	Lift Arm — Center	31 4 1	94—1371	Spacer	2 11 1
93—2405	Lift Arm — RH	29 21 1	94—1372	Bracket — Mow	2 20 1
93—2407	Lift Arm — LH	29 22 1	94—1373	Bracket — Lock	2 19 1
93—2422	Rod — Seat Pivot	8 10 2	94—1374	Trunion Mow Bracket	2 22 1
93—2423	Hose — Air Cleaner	25 17 1	94—1375	Trunion Lock Bracket	2 21 1
93—2424	Bracket — Cooler Lower	18 13 2	94—1378	Tube — Handle Pivot	11 11 1
93—2425	Bracket — Cooler Upper	18 5 2	94—1383	Pedal Pivot	2 12 1
93—2437	Plug — Serrated	17 24 1	94—1386	Shaft — Pedal Lock	2 23 1
93—2438	Clamp — Fuel Tank	17 3 1	94—1390	Screw — Shoulder	33 17 1
93—2509	Clamp — Tube	26 3 2	94—1398	Tube — Pivot	31 22 1
93—2551	Seal — Basket	29 37 2	94—1414	Valve	25 22 1
93—2551	Seal — Basket	31 38 1	94—2579	Decal — Toro	8 27 1
93—2552	Retainer	29 36 2	94—2627	Cartridge	14 3 1
93—2552	Retainer	31 37 1	94—3011	Plug	22 18 1
93—2553	Grass Basket Assembly	29 35 2	94—3452	Pin — Cylinder	31 21 1
93—2553	Grass Basket Assembly	31 36 1	94—3456	Tube — Pivot	24 2 1
93—2578	Shroud — Console	8 19 1	94—3461	Steering Cover	5 14 1
93—2586	Hydrostat	19 16 1	94—3473	Elbow Assembly — Radiator	18 26 1
93—2587	Gear Pump — 2 Section	19 28 1	94—3477	Hose Assembly	13 22 1
93—2589	Hub — Pump	19 4 1	94—3477	Hose Assembly	31 26 1
93—3102	Fuel Cap — Diesel	16 1 1	94—3480	Guard — Alternator	18 29 1
93—3614	Assembly — Cover	28 4 1	94—3483	Pull Arm	31 9 1
93—3615	Assembly — Drive Shaft	28 7 1	94—3483	Pull Arm	29 13 2
93—3616	Assembly — Idler Gear	28 6 1	94—3486	Plate	24 34 1
93—5447	Insert — Threaded	8 28 2	94—3488	Lever — Pump	24 6 1
93—6668	Decal — Battery	15 33 1	94—3489	Screw — HH	2 26 1
93—6681	Decal — Warning	18 6 1	94—3491	Bracket — Spring	24 19 1
93—6686	Decal — Hydraulic Oil	8 24 1	94—3641	Housing Assembly	23 29 1
93—6689	Decal — No Rider	8 26 1	94—3643	Plate — Cam	23 10 1
93—7160	Cap — Hydraulic Oil	17 5 1	94—3644	Seat	23 20 2
93—7252	Decal — CE Mark	8 33 1	94—3645	Key	23 1 1
93—7276	Decal — Danger	15 32 1	94—3646	Key	23 9 1
93—7494	Cartridge — N.O. Poppet	14 2 2	94—3652	Cover Assembly	25 21 1
93—7629	Pad — Foot Brake	1 22 1	94—3653	Bolt	25 15 1
93—7840	Decal — Radiator Cap	18 12 1	94—3654	Spring — Compression	25 16 1
93—8062	Decal — Parking Brake	1 5 1	94—3661	Seal Kit	14 * 1
93—8063	Decal — Warning	5 26 1	94—4353	Hose — Fuel	16 18 1
93—8064	Decal — Warning	29 29 2	94—4398	Kit — Seal, Repair	7 *32 1
93—8064	Decal — Warning	31 29 1	94—4517	Hose — Formed	17 21 1
93—8068	Decal — Steering Arm	5 20 1	94—4518	Hose — Assembly	17 22 1
93—8069	Decal — Hot Surface	25 9 1	94—4518	Tube — Hydraulic	13 27 1
93—9051	Decal — Eccentric Bolt	24 28 1	94—4519	Tube — Convuluted	15 38 1
94—1300	Neutral Lock	2 27 1	94—4527	Neutral Arm	24 11 1
94—1304	Cable — Neutral Lock	11 22 1	94—4528	Plug	18 14 2
94—1304	Cable — Neutral Lock	2 24 1	94—4538	Spacer — Mount	33 41 3
94—1307	Cable Support	24 9 1	94—4539	Hose Assembly	27 16 1
94—1312	Spacer — Pivot	24 5 1	94—4539	Hose Assembly	17 32 1
94—1316	Bracket — Bulkhead	27 6 1	94—4546	Panel — Extension	8 30 1
94—1317	Tube — Hydraulic	27 7 1	94—4547	Panel — Lower	8 20 1
94—1317	Tube — Hydraulic	13 15 1	94—4548	Bumper	29 7 2
94—1318	Tube — Hydraulic	26 20 1	94—4548	Bumper — Recessed	31 34 1
94—1318	Tube — Hydraulic	27 21 1	94—4561	Decal — Service (Danish)	8 25 1
94—1319	Tube — Hydraulic	26 21 1	94—4562	Decal — Service (Dutch)	8 25 1
94—1320	Tube — Hydraulic	26 22 1	94—4563	Decal — Service (Finnish)	8 25 1
94—1320	Tube — Hydraulic	13 34 1	94—4564	Decal — Service (French)	8 25 1
94—1321	Tube — Hydraulic	27 20 1	94—4565	Decal — Service (German)	8 25 1
94—1321	Tube — Hydraulic	26 23 1	94—4566	Decal — Service (Italian)	8 25 1
94—1325	Push Mount Tie	15 16 2	94—4567	Decal — Service (Japanese)	8 25 1
94—1328	Hose Assembly	27 8 1	94—4568	Decal — Service (Norwegian)	8 25 1
94—1332	Hose Assembly	19 27 1	94—4569	Decal — Service	8 25 1
94—1332	Hose Assembly	13 33 1	94—4570	Decal — Service (Spanish)	8 25 1
94—1339	Muffler Shield	25 8 1	94—4571	Decal — Service (Swedish)	8 25 1
94—1348	Hose — Tank	16 17 1	94—4828	Repair Kit	21 * 1
94—1349	Hose — Breather	18 24 1	94—4929	Kit — Seal	6 * 1
94—1351	Decal — Service	8 25 1	94—5350	Fitting — Bulkhead Tee	27 28 2
94—1353	Handle	11 7 1	94—5352	Retainer — Hose	27 29 1
94—1364	Plate	16 13 1	94—5353	Tube — Hydraulic	27 31 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
94-5354	Tube - Hydraulic	27 32 1	237-42	O-Ring	20 39 2
94-5355	Hose Assembly	19 26 1	237-58	O-Ring	13 28 1
94-5356	Hose Assembly	19 35 1	237-58	O-Ring	17 28 1
94-5357	Hose Assembly	27 26 2	237-65	O-Ring	13 16 3
94-5357	Hose Assembly - RH	3 7 2	237-65	O-Ring	27 27 3
94-5358	Hose Assembly	27 30 2	237-65	O-Ring	3 30 4
94-5358	Hose Assembly - LH	3 8 2	237-65	O-Ring	19 32 3
94-5359	Bracket - Air Cleaner	25 2 1	237-78	O-Ring	13 23 7
94-5438	Seal - Solenoid	14 19 8	237-78	O-Ring	27 24 1
94-6351	Cartridge - Relief 150 psi	14 13 1	237-78	O-Ring	26 30 4
94-6352	Plug - Cavity	14 18 1	237-78	O-Ring	29 30 4
94-6353	Cartridge Valve Assembly	14 15 1	237-78	O-Ring	7 30 2
94-6354	Plug - Orifice	14 14 1	237-78	O-Ring	31 31 2
94-6357	Hydraulic Cylinder Assembly	31 2 1	237-79	O-Ring	14 11 1
94-6358	Gasket	19 2 1	237-79	O-Ring	27 23 2
94-6359	Shaft - Drive	23 2 1	237-79	O-Ring	26 28 4
94-6360	Plate - Valve	23 13 1	237-79	O-Ring	19 29 3
94-6361	Back Plate Assembly	23 16 1	237-79	O-Ring	5 29 4
94-6362	Seal Repair Kit	23 * 1	237-79	O-Ring	13 32 1
94-6363	Bearing	23 3 1	237-79	O-Ring	17 33 1
94-6368	Bearing	23 14 1	237-80	O-Ring	14 16 2
94-6383	Hose Assembly	13 30 1	237-80	O-Ring	13 17 2
94-6383	Hose Assembly	20 44 1	237-80	O-Ring	3 31 4
94-6384	Hose Assembly	19 25 1	237-80	O-Ring	19 33 1
94-6385	Valve - Relief	20 40 1	237-81	O-Ring	13 29 1
94-6386	Cartridge - Relief Valve	20 46 1	237-81	O-Ring	17 29 3
94-6390	Gear Pump - 2 Section	19 * 1	237-81	O-Ring	19 34 2
94-6953	Console	10 1 1	237-100	Grommet	8 12 1
94-8077	Decal - Console	10 14 1	237-124	Grommet	16 25 1
94-8153	Muffler	25 7 1	237-146	O-Ring	17 27 1
94-8155	Bracket - Bulkhead	27 14 1	237-156	O-Ring	14 5 9
94-8156	Shield - Dust	33 43 1	240-3	Grommet - Rubber	27 11 4
94-8158	Screw - Cap	22 11 8	240-3	Grommet - Rubber	26 24 4
94-8160	Washer	22 17 4	240-11	Grommet	16 3 3
94-8161	Kit - Seal Repair	22 * 1	240-11	Grommet	17 13 4
94-8167	Hose Assembly	19 37 1	242-50	Nut - Lug	3 1 8
94-8168	O-Ring	19 * 1	242-50	Nut - Lug	7 8 4
94-8174	Hose - Pump Inlet	19 * 1	2411-34	Ball Joint	24 26 1
217-60	Rim	3 23 2	2411-34	Ball Joint	2 29 1
217-60	Rim	7 23 1	2411-38	Ball Joint	11 1 1
218-446	Washer - Lock	10 20 1	2411-38	Ball Joint Assembly	2 7 1
218-447	Nut - Hex.	10 21 1	2412-34	Clamp - Hose	18 1 5
218-498	Nut - Hex.	10 30 1	2412-34	Clamp - Hose	19 1 2
218-590	Switch - Micro	10 23 2	2412-34	Clamp - Hose	17 30 1
2112-9	Clamp	25 10 2	2412-36	Clamp - Hose	16 10 4
232-24	Stem - Valve	3 22 2	2412-39	Clamp - R	15 37 2
232-27	Valve Stem w/Cap	7 29 1	2412-41	Clamp - R	18 16 1
233-42	Knob	11 21 1	2412-92	Clamp - Hose	25 19 2
233-48	Knob	5 1 1	2412-92	Clamp - Hose	18 35 1
237-21	O-Ring	13 21 7	2412-104	Clamp - R	15 20 3
237-21	O-Ring	27 25 1	2412-107	Clamp - R	33 46 1
237-21	O-Ring	26 29 4	2412-108	Clamp - Hose	18 20 3
237-21	O-Ring	31 30 2	2412-108	Clamp - Hose	16 22 3
237-21	O-Ring	29 31 4	2412-108	Clamp - Hose	33 34 6
237-21	O-Ring	7 31 2	2412-129	Clamp - Hose	17 23 2
237-21	O-Ring	5 35 2	2412-133	Clamp - R	8 17 2
237-22	O-Ring	13 19 1	2412-134	Clamp - R	27 15 2
237-22	O-Ring	26 25 1	2412-137	Clamp - Tube, Double	27 34 1
237-22	O-Ring	17 26 1	251-259	Bearing - Ball	24 16 1
237-22	O-Ring	19 31 7	251-259	Bearing - Ball	11 19 1
237-30	O-Ring	27 22 2	252-66	Bearing - Thrust	23 32 1
237-30	O-Ring	26 27 4	252-71	Race - Bearing	23 31 2
237-30	O-Ring	13 31 1	252-95	Bearing - Thrust	23 8 2
237-42	O-Ring	14 7 6	253-111	Seal - Shaft	7 24 2
237-42	O-Ring	13 18 1	254-61	Bearing - Cup	7 19 2
237-42	O-Ring	17 25 1	254-70	Bearing Cone	7 18 2
237-42	O-Ring	26 26 1	254-78	Cone - Bearing	7 25 2
237-42	O-Ring	5 36 1	254-79	Cup - Bearing	7 26 2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
256-311	Bushing — Straight	11 8 1	3256-77	Washer — Flat	8 7 6
256-311	Bushing — Straight	2 13 4	3257-42	Key — Woodruff	3 5 2
282-2	Clevis	1 19 2	3257-42	Key — Woodruff	4 17 1
283-8	Pin — Clevis	31 3 1	3269-15	Rivet — Pop	18 21 8
283-8	Pin — Clevis	29 9 2	3272-6	Pin — Cotter	1 20 2
283-61	Pin — Clevis	1 18 2	3272-11	Pin — Cotter	31 16 1
283-72	Pin — Lynch	8 9 1	3272-11	Pin — Cotter	29 23 2
283-87	Pin — Clevis	1 23 2	3272-11	Pin — Cotter	1 25 2
285-17	Plug	25 20 1	3272-37	Pin — Cotter	7 2 1
302-5	Fitting — Grease	2 38 1	3273-26	Screw — HSH	11 6 2
302-5	Fitting — Grease, Str.	7 21 1	3273-26	Screw — PPH	10 11 4
302-55	Fitting — Grease	7 27 1	3274-1	Screw — HSH	19 20 2
302-60	Fitting — Grease 90°	31 32 1	3274-12	Screw — HSH	8 29 4
302-60	Fitting — Grease 90°	29 33 2	3274-39	Screw — HSBH	8 6 9
302-60	Fitting — Grease, 90°	7 11 2	3274-39	Screw — HSBH	5 13 6
322-2	Screw — HH	8 2 2	3274-63	Screw — HSBH	5 7 2
323-4	Screw — HH	5 18 2	3274-80	Screw — HSBH	5 21 3
323-4	Screw — HH	24 20 2	3290-55	Rivet — Pop	29 38 16
323-11	Screw — HH	33 19 3	3290-55	Rivet — Pop	31 39 8
325-4	Screw — HH	5 10 2	3290-93	Screw — HH	10 24 4
325-6	Screw — HH	29 26 2	3290-277	Nut — Speed	5 25 6
325-6	Screw — HH	31 27 1	3290-354	Plate — Nut	10 22 2
327-17	Screw — HH	31 24 1	3290-357	Nut — Lock, Flange	33 20 3
3210-6	Screw — HH	24 8 1	3290-378	Tie — Cable	33 7 2
3211-2	Screw — HH	29 15 8	3290-378	Tie — Cable	10 12 2
3211-2	Screw — HH	31 25 4	3290-378	Tie — Cable	8 18 1
3213-1	Screw — HH	31 14 1	3290-378	Tie — Cable	15 31 2
3213-1	Screw — HH	29 19 2	3290-378	Tie — Cable	7 33 1
3217-6	Nut — Hex.	25 14 4	3290-378	Tie — Cable	27 36 1
3218-2	Nut — Hex Jam	15 2 2	3290-378	Tie — Cable	18 37 1
3218-5	Nut — Jam	29 27 2	3290-415	Rivet — Pop	15 24 2
3218-5	Nut — Jam	31 28 1	3290-488	Boot — Control, Lift	10 25 1
3219-14	Nut — Hex.	2 40 1	3290-489	Knob — Control, Lift	10 27 1
3219-14	Nut — Jam	11 23 1	3296-2	Nut — Lock	15 17 2
3220-1	Nut — Jam	24 38 1	3296-2	Nut — Lock	33 23 1
3220-1	Nut — Jam	2 39 1	3296-4	Nut — Lock Elastic	24 14 1
3220-2	Nut — Jam	1 3 2	3296-12	Nut — Lock	8 8 9
3220-2	Nut — Jam	24 32 1	3296-13	Nut — Lock	24 27 1
3220-6	Nut — Jam	7 17 4	3296-13	Nut — Lock	2 30 1
3220-20	Nut — Jam	3 15 2	3296-19	Nut — Lock	31 13 1
3241-6	Screw — SQH	19 5 2	3296-19	Nut — Lock	29 18 2
3242-2	Screw — Set	5 22 1	3296-21	Nut — Lock	33 5 1
3253-4	Washer — Lock	25 13 4	3296-27	Nut — Lock	11 4 1
3253-4	Washer — Spring Lock	25 26 4	3296-29	Nut — Lock	8 15 4
3254-2	Washer — Lock	15 13 1	3296-29	Nut — Hex	24 25 1
3254-3	Washer — Lock	33 6 1	3296-53	Nut — Hex	31 23 1
3256-1	Washer — Flat	26 2 2	3296-67	Nut — Lock NI	7 9 1
3256-1	Washer — Flat	17 15 3	32105-13	Screw — HH	15 18 2
3256-1	Washer — Flat	8 23 3	32105-13	Screw — HH	33 22 1
3256-1	Washer — Flat	2 28 2	32120-8	Ring — Retaining	30 7 1
3256-3	Washer — Flat	19 7 4	32120-8	Ring — Retaining	32 7 1
3256-7	Washer — Flat	31 8 1	32120-72	Ring — Retaining, Ext.	31 18 2
3256-22	Washer — Flat	18 15 4	32121-6	Pin — Roll	31 33 2
3256-22	Washer — Flat	27 19 2	32121-6	Pin — Roll	29 34 4
3256-22	Washer — Flat	24 31 1	32121-7	Pin — Spring	8 11 2
3256-22	Washer — Flat	20 41 2	32121-45	Roll Pin	2 5 1
3256-23	Washer — Flat	8 3 4	32128-20	Nut — Lock	2 25 2
3256-23	Washer — Flat	3 11 2	32136-9	Nut — Hex	7 1 1
3256-23	Washer — Flat	16 14 2	32141-111	Nut — Adjustable	1 7 1
3256-23	Washer — Flat	18 36 1	32144-14	Screw — HH	25 1 2
3256-23	Washer — Flat	33 45 1	32144-14	Screw — HH	27 3 6
3256-24	Washer — Flat	15 10 1	32144-14	Screw — HH	17 4 2
3256-24	Washer — Flat	11 14 1	32144-14	Screw — HH	15 5 13
3256-24	Washer — Flat	19 19 4	32144-14	Screw — HH	16 6 3
3256-24	Washer — Flat	2 35 2	32144-14	Screw — HH	18 7 2
3256-26	Washer — Flat	5 11 2	32144-14	Screw — HH	29 8 4
3256-26	Washer — Flat	33 31 8	32144-14	Screw — HH	1 10 5
3256-27	Washer — Flat	1 24 2	32144-14	Screw — HH	2 10 8

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
32144-14	Screw - HH	8 21 2	33114-020	Screw - HH	27 35 1
32144-14	Screw - HWH	33 44 3	33114-025	Screw - HH	24 22 1
32144-21	Screw - PPH	5 28 2	33114-025	Screw - HH	25 25 8
32144-44	Screw - HWH	29 32 2	33114-030	Screw - HH	19 12 2
32144-44	Screw - HWH	31 35 1	33114-030	Screw - HH	3 17 2
32149-8	Nut - Keps	10 8 2	33114-030	Screw - HH	11 20 1
32149-8	Nut - Keps	11 18 2	33114-030	Screw - HH	24 23 1
32151-13	Ring - Retaining	23 35 1	33114-070	Screw - HH	33 12 1
32151-29	Ring - Retaining	23 30 2	33115-016	Screw - HH	2 36 1
32151-41	Ring - Retaining	28 13 1	33115-020	Screw - HH	33 8 5
32151-104	Ring - Retaining, Ext.	7 12 2	33115-020	Screw - HH	17 16 2
33014-00	Nut - Hex	2 37 1	33115-025	Screw - HH	17 11 4
33023-00	Nut - Lock	1 1 2	33115-025	Screw - HH	16 16 3
33023-00	Nut - Lock	24 1 1	33115-035	Screw - HH	24 33 3
33023-00	Nut - Lock	15 3 8	33115-040	Screw - HH	15 8 1
33023-00	Nut - Lock	2 15 2	33115-040	Screw - HH	11 12 1
33023-00	Nut - Lock	18 27 4	33115-040	Screw - HH	19 15 2
33023-00	Nut - Lock	20 45 2	33115-090	Screw - HH	2 14 1
33023-00	Nut - Lock NI	26 4 2	33116-060	Screw - HH	3 20 8
33023-00	Nut - Lock NI	10 19 2	33116-130	Screw - HH	33 30 4
33023-00	Nut - Lock NI	3 19 8	33123-016	Screw - Carriage	1 6 2
33023-00	Nut - Lock NI (Europe)	8 32 1	33124-020	Screw - Carr.	2 6 2
33023-016	Nut - Lock NI	27 18 2	340-2	Fitting - Hydraulic	17 2 1
33024-00	Nut - Lock	25 3 4	340-2	Fitting - Hydraulic	26 16 1
33024-00	Nut - Lock	1 8 1	340-4	Fitting - Hydraulic	26 8 2
33024-00	Nut - Lock	18 9 6	340-7	Fitting - Hydraulic	13 2 1
33024-00	Nut - Lock	19 13 2	340-8	Fitting - Hydraulic	19 17 2
33024-00	Nut - Lock	33 16 14	340-9	Fitting - Hydraulic	17 7 1
33024-00	Nut - Lock	2 17 4	340-9	Fitting - Hydraulic	13 8 1
33024-00	Nut - Lock	24 21 3	340-14	Fitting - 45°	3 9 4
33024-00	Nut - Lock	27 33 1	340-14	Fitting - Hydraulic	13 35 1
33024-00	Nut - Lock NI	10 3 4	340-17	Fitting - Hydraulic 90°	13 5 1
33024-00	Nut - Lock NI	11 5 1	340-17	Fitting - Hydraulic 90°	19 18 1
33024-00	Nut - Lock NI	3 18 2	340-18	Fitting - Hydraulic 90°	19 3 1
33025-00	Nut - Lock	15 9 1	340-18	Fitting - Hydraulic 90°	19 21 1
33025-00	Nut - Lock	19 14 2	340-70	Nut - Bulkhead	27 2 1
33025-00	Nut - Lock	2 33 1	340-74	Nut - Bulkhead	27 1 4
33025-00	Nut - Lock	24 37 3	340-74	Nut - Bulkhead	26 10 4
33025-00	Nut - Lock NI	11 13 1	340-77	Fitting - Hydraulic 90°	13 6 1
33026-00	Nut - Lock	33 32 4	340-77	Fitting - Hydraulic 90°	19 38 1
33113-008	Screw - HH	11 3 2	340-92	Fitting - Hydraulic	26 7 4
33113-008	Screw - HH	26 19 1	340-92	Fitting - Hydraulic	13 9 3
33113-016	Screw - HH	15 12 6	340-92	Fitting - Hydraulic	27 12 1
33113-016	Screw - HH	17 14 1	340-94	Fitting - Tee	20 43 1
33113-016	Screw - HH	27 17 2	340-98	Fitting - Hydraulic 90°	26 6 2
33113-016	Screw - HH	17 18 2	340-98	Fitting - Hydraulic 90°	27 13 2
33113-016	Screw - HH	18 22 4	340-103	Fitting - Hydraulic 45°	13 10 1
33113-016	Screw - HH	8 22 3	340-115	Fitting - Tee	19 36 1
33113-016	Screw - HH	33 26 4	340-132	Fitting - Hydraulic	7 15 2
33113-020	Screw - HH	3 16 8	340-132	Fitting - Hydraulic 90°	31 1 1
33113-030	Screw - HH	24 3 1	340-132	Fitting - Hydraulic 90°	29 2 4
33113-030	Screw - HH	15 15 2	340-132	Fitting - Hydraulic 90°	13 7 1
33113-030	Screw - HH	10 18 2	340-133	Fitting - Hydraulic	5 17 2
33113-030	Screw - HH (Europe)	8 31 1	340-138	Fitting - Hydraulic 45°	13 3 1
33113-050	Screw - HH	26 1 2	340-140	Tee - Hydraulic	13 11 1
33113-050	Screw - HH	20 42 2	353-599	Pin-Dowel	28 3 2
33114-016	Screw - HH	13 12 2	353-988	Plug	17 19 1
33114-016	Screw - HH	16 15 2	353-988	Plug	19 22 1
33114-016	Screw - HH	18 28 2	353-988	Plug	14 10 1
33114-016	Screw - HH	2 32 4	353-989	Plug	14 6 6
33114-020	Screw - HH	10 2 4	353-991	Plug	26 5 1
33114-020	Screw - HH	25 4 4	353-991	Plug	14 4 9
33114-020	Screw - HH	1 9 1	354-46	Ring-Seal	28 8 1
33114-020	Screw - HH	19 11 6	354-50	Screw-Hex Socket Hd.	28 1 4
33114-020	Screw - HH	33 15 14	354-51	Washer	28 2 4
33114-020	Screw - HH	18 18 6	354-70	Plug	14 17 2
33114-020	Screw - HH	24 24 1	354-73	Fitting - Hydraulic, Barb	17 9 2
33114-020	Screw - HH	33 25 3	354-78	Fitting - Hydraulic	17 1 1

*Not Illustrated

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Greensmaster 3200D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the left hand frame rail. In any correspondence concerning the Greensmaster 3200D, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial number of the Greensmaster 3200D.
2. Part number, description, and the quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

TABLE OF CONTENTS

Description	Page	Description	Page
Frame & Brake Pedal Assembly	1	Cylinder Block Assembly	32
Floor Panel & Traction Pedal Assembly	2	Crankshaft Assembly	33
Front Wheel & Brake Assembly	3	Cylinder Head Assembly	34
Hydraulic Drive Motor Assembly No. 92-9199	4	Rocker Arm Assembly	35
Steering Arm Assembly	5	Camshaft Assembly	36
Steering Control Valve No. 93-2120	6	Timing Cover Assembly	37
Rear Wheel Assembly	7	Oil Pump Assembly	38
Seat Assembly	8	Fuel Injection System Assembly	39
Electrical Schematic	9	Injection Pump Assembly	40
Control Panel Assembly	10	Rear Plate & Seal	41
Traction Handle Assembly	11	Flywheel Assembly	42
Hydraulic Schematic	12	Starter Installation Assembly	43
Manifold Installation Assembly	13	Oil Sump Assembly	44
Manifold Assembly No. 93-4420	14	Valve Cover Assembly	45
Electronics Installation Assembly	15	Oil Filter Assembly	46
Fuel Tank Assembly	16	Front Drive Pulley Assembly	47
Hydraulic Reservoir Assembly	17	Water Pump Assembly	48
Radiator & Oil Cooler Assembly	18	Alternator Assembly	49
Hydraulic Pump & Hydrostat Assembly	19	Timing Cover Plate Assembly	50
Gear Pump Assembly No. 93-2587	20	Exhaust Manifold Assembly	51
Hydrostat Assembly No. 93-2586	21	Low Pressure Fuel System Assembly	52
Neutral System Assembly	22	Lift Pump Assembly	53
Muffler & Air Cleaner Assembly	23	Fuel Filter Assembly	54
Reel Motor Installation Assembly - RH & LH	24	Cold Start System Assembly	55
Reel Motor Installation Assembly - Rear	25	Engine Lifting Tab Assembly	56
Reel Motor Assembly No. 93-1375	26	Throttle Stop Assembly	57
Pull Frame Assembly - RH & LH	27	Recorder Assembly	58
Hydraulic Cylinder No. 93-2246	28	Electrical Component Assembly	59
Pull Frame Assembly - Rear	29	Gasket and Seals	60
Hydraulic Cylinder No. 94-6357	30	TORO Part Number Index	61-66
Engine Installation Assembly	31		

