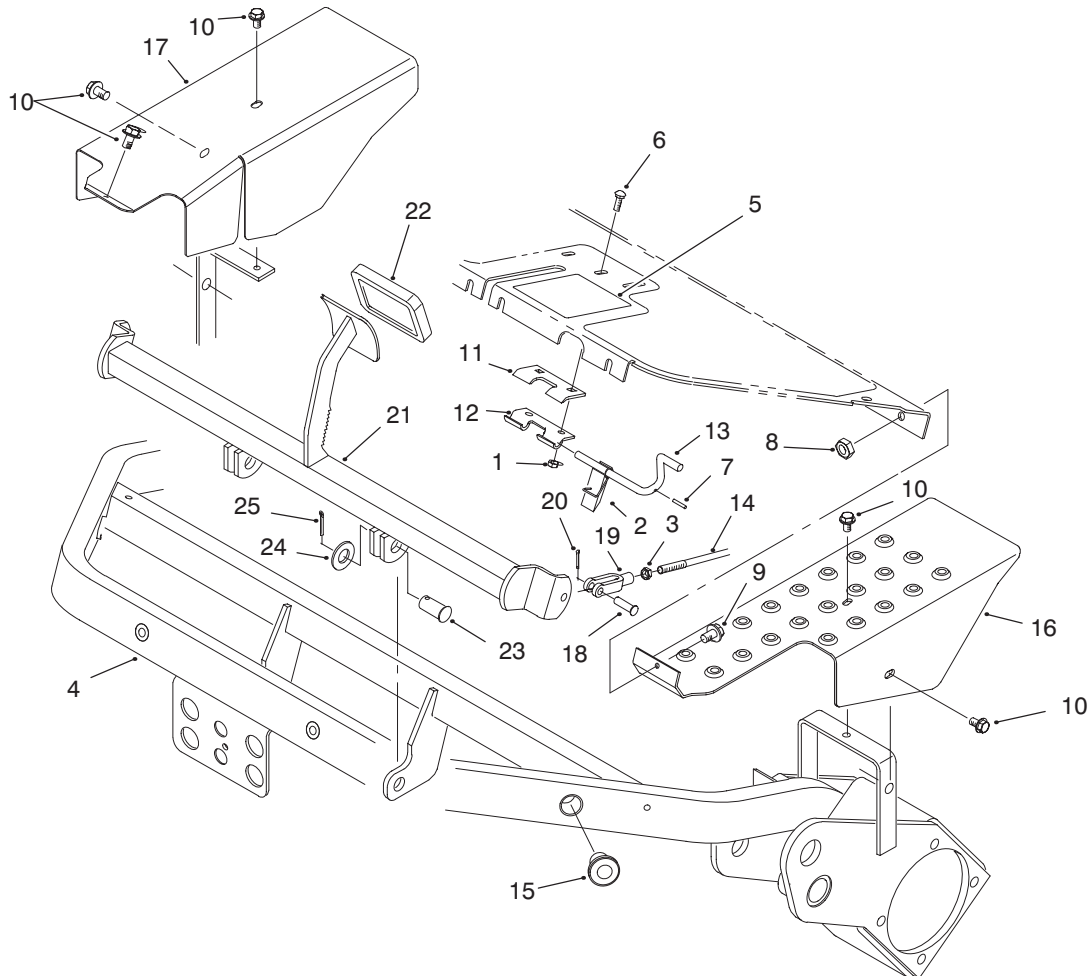




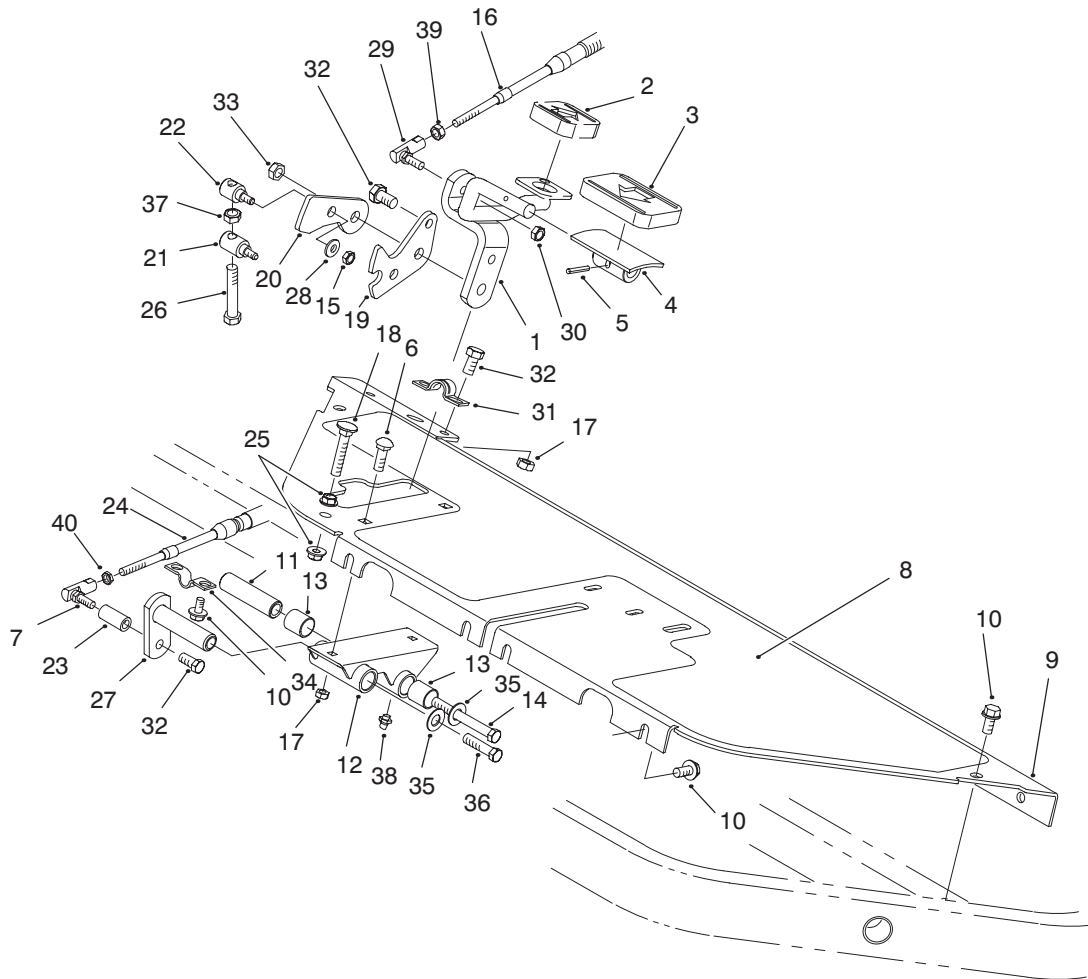
MODEL NO. 04381-60474 & UP

**PARTS
CATALOG**
**GREENSMASTER 3200D
TRACTION UNIT**


T-2222-3

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	2	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	32121-50	Pin - Roll	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	94-9600	Brake Latch	1				



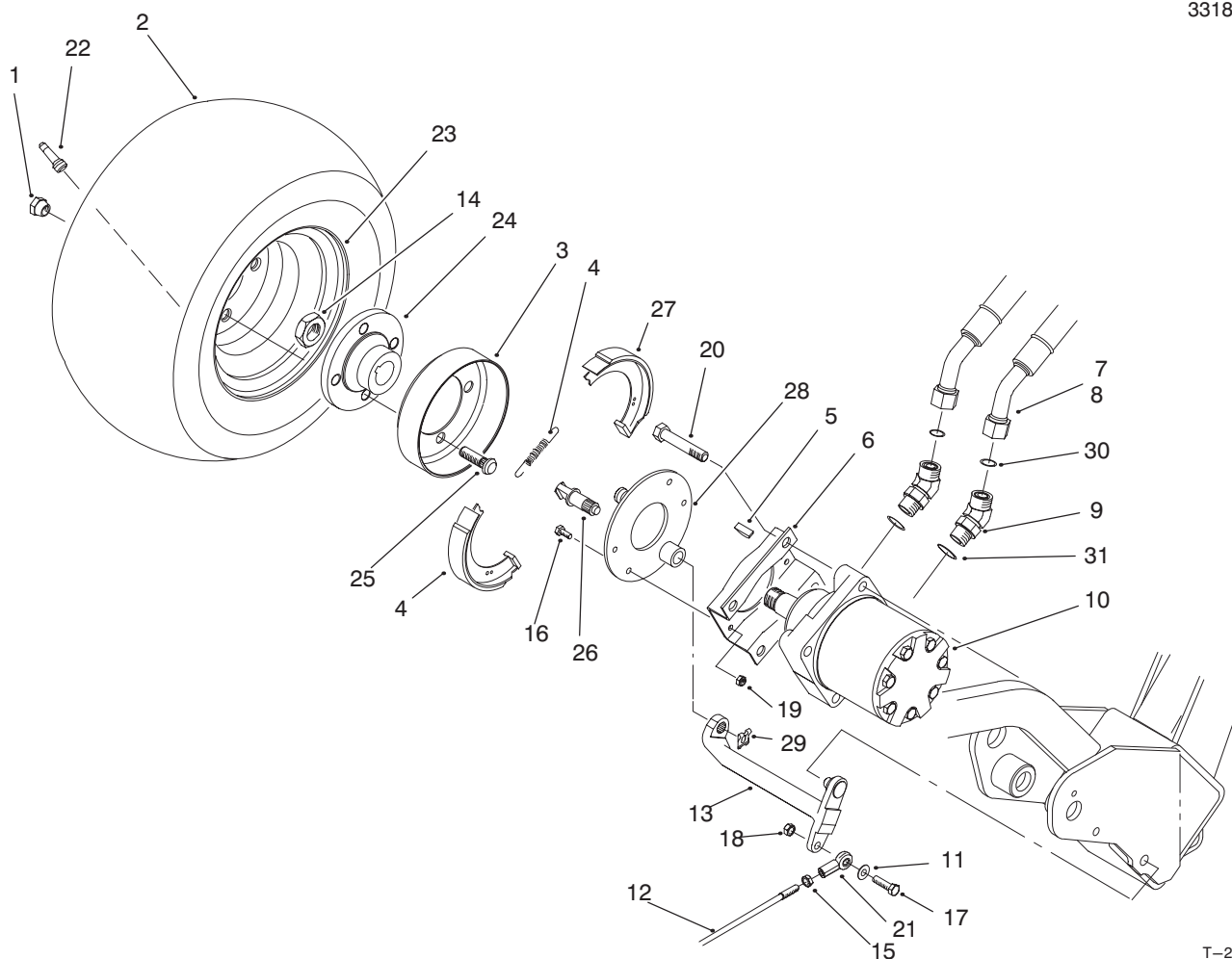
T-2242-2

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	94-6399	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.

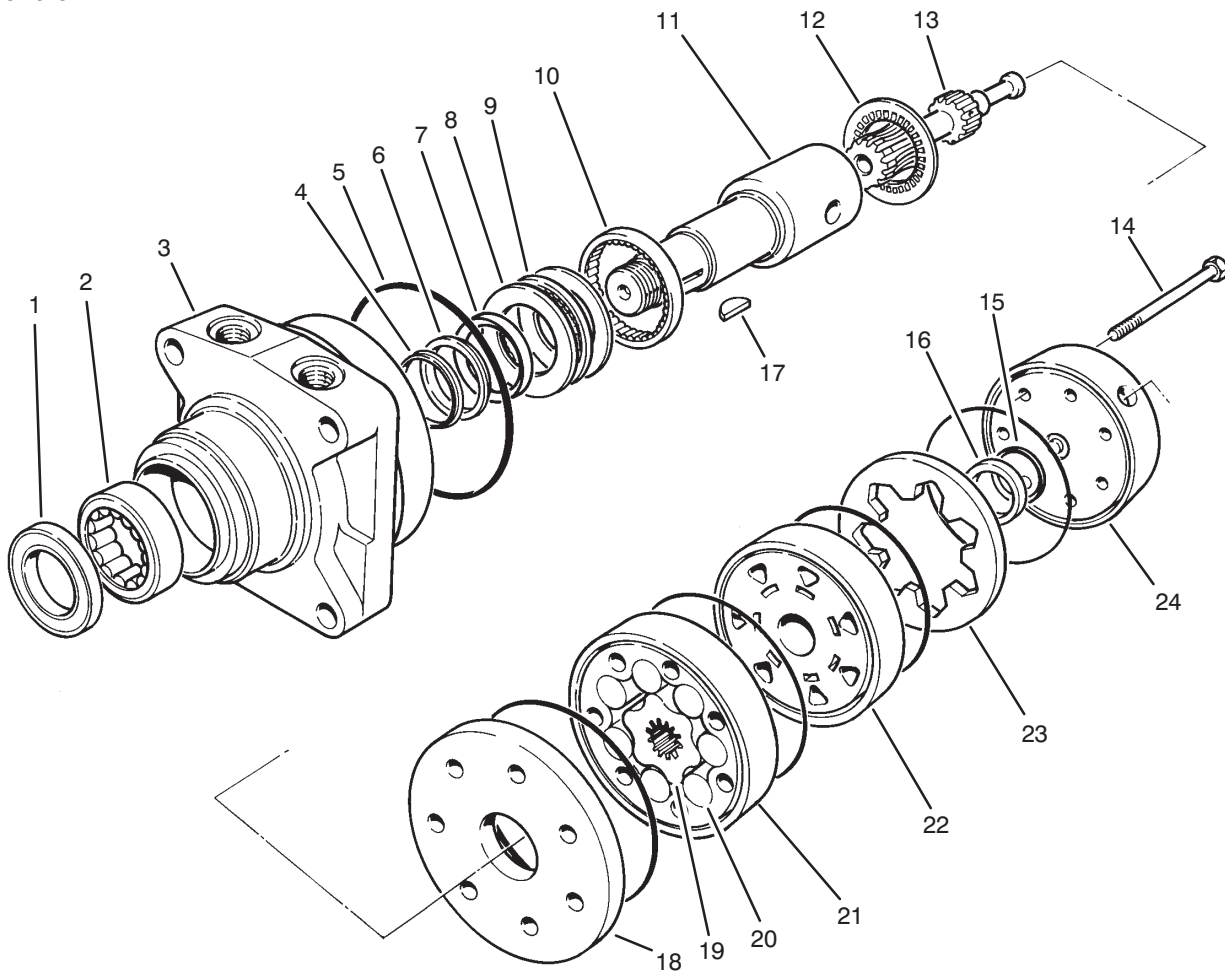


T-2223-1

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



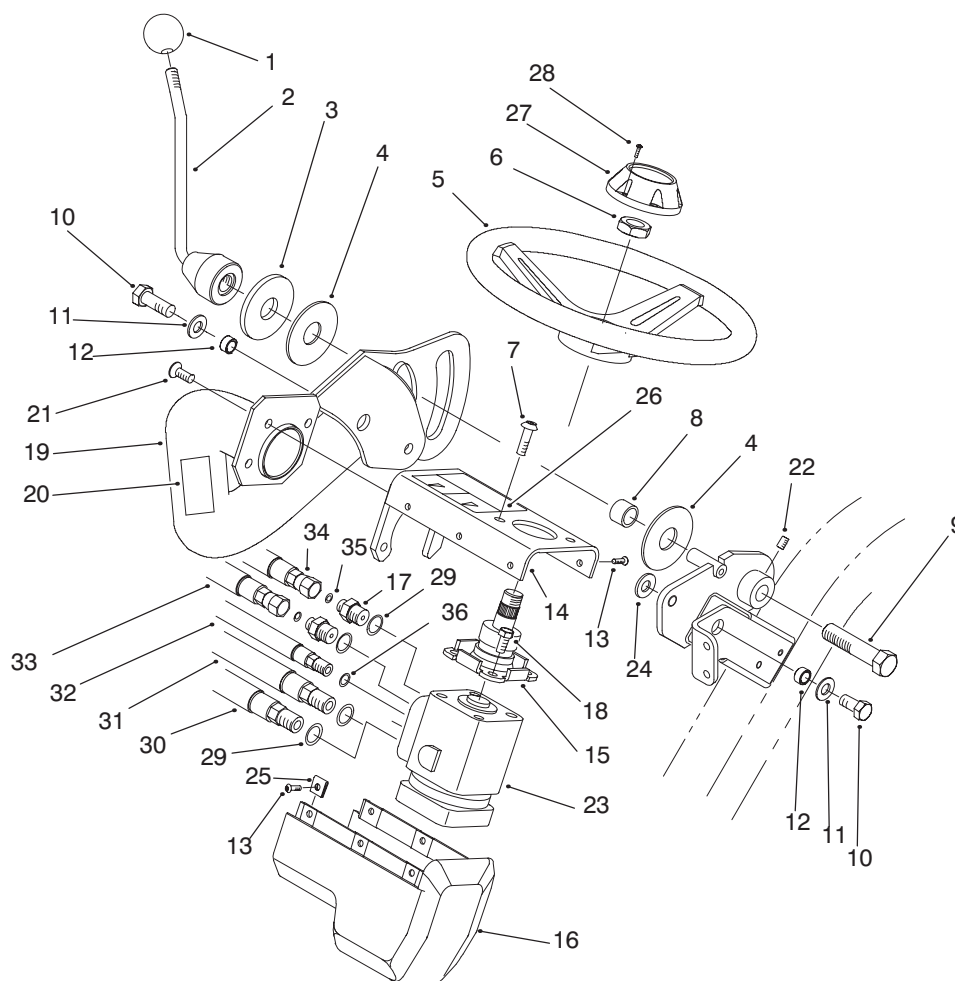
T-0983-1

HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 92-9199

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1		Seal – Dirt & Water	1	17	3257-42	Key – Woodruff	1
†2		Bearing	1	18	76-0870	Plate – Wear	1
†3		Housing	1	†19		Rotor	1
†4		Washer – Back-Up	1	†20		Vane	7
†5		Ring – Seal	5	†21		Stator	1
†6		Washer – Back-Up	1	22	76-0840	Manifold	1
†7		Seal – Inner	1	†23		Ring – Commutator	1
†8		Washer – Thrust	2	24	76-0940	End Cover Assembly	1
†9		Bearing – Thrust	1	*	92-9763	Rotor Set (Incl. Ref. #19-21)	1
†10		Bearing	1	*	76-0880	Commutator Assembly (Incl. Ref. #15, 16 & 23)	1
11	76-0860	Shaft – Coupling	1	*	94-8178	Seal Kit (Incl. Ref. #1, 4-7 & 15)	1
12	76-0850	Bearing – Thrust	1	*	76-0810	Housing Assembly (Incl. Ref. #2, 3 & 8-10)	1
13	92-9761	Link – Drive	7				
14	92-9762	Screw – Cap Hex. Hd.	1				
†15		Seal – Commutator	1				
†16		Commutator	1				

*Not Illustrated

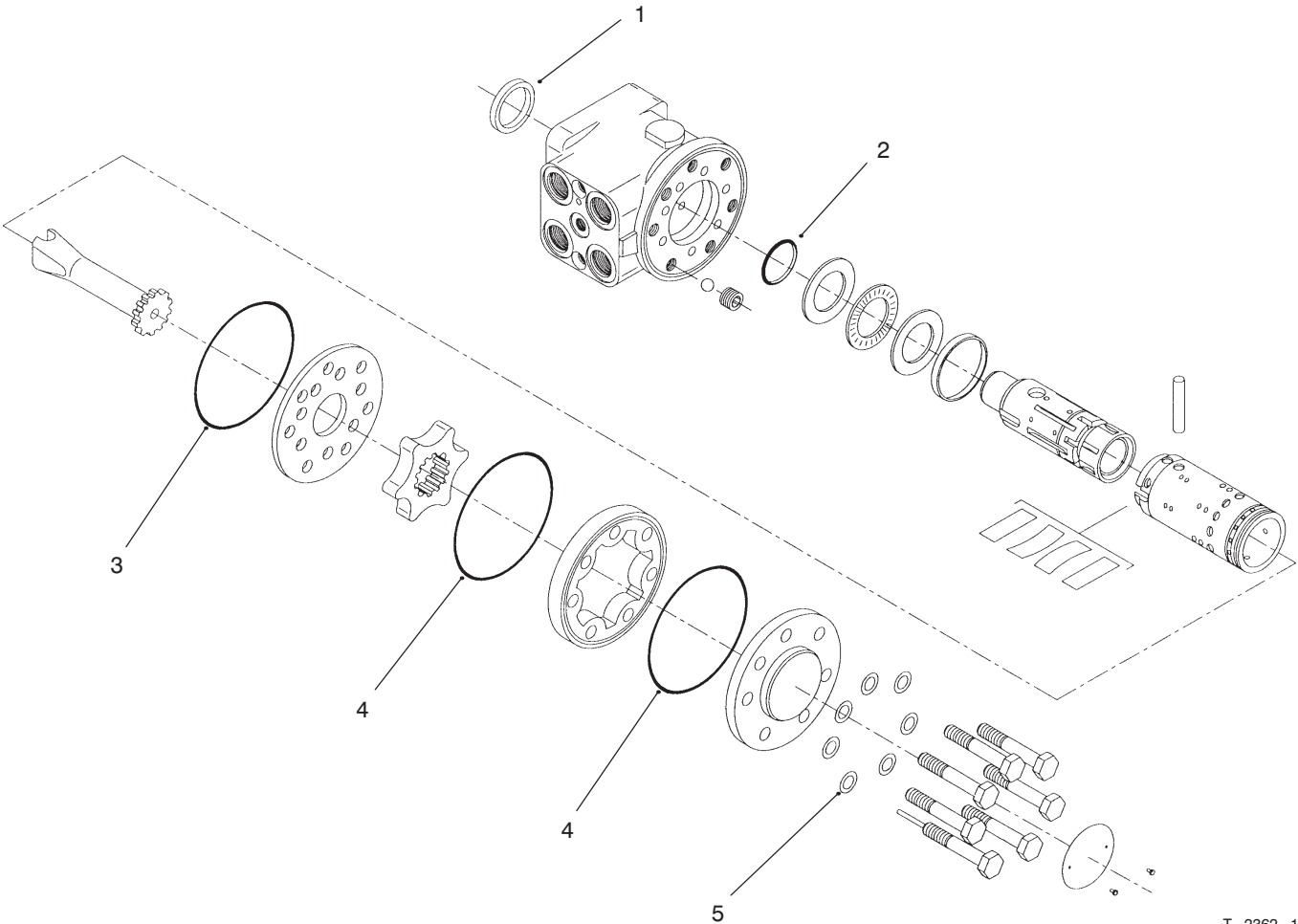
†Not Serviced Separately



T-2224-1

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	94-9628	Steering Cover Asm (Incl. Ref. #26)	1	31	93-2252	Hose Assembly	1
15	83-1420	Steering Column Assembly	1	32	93-2269	Hose Assembly	1
16	94-6366	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-2362-1

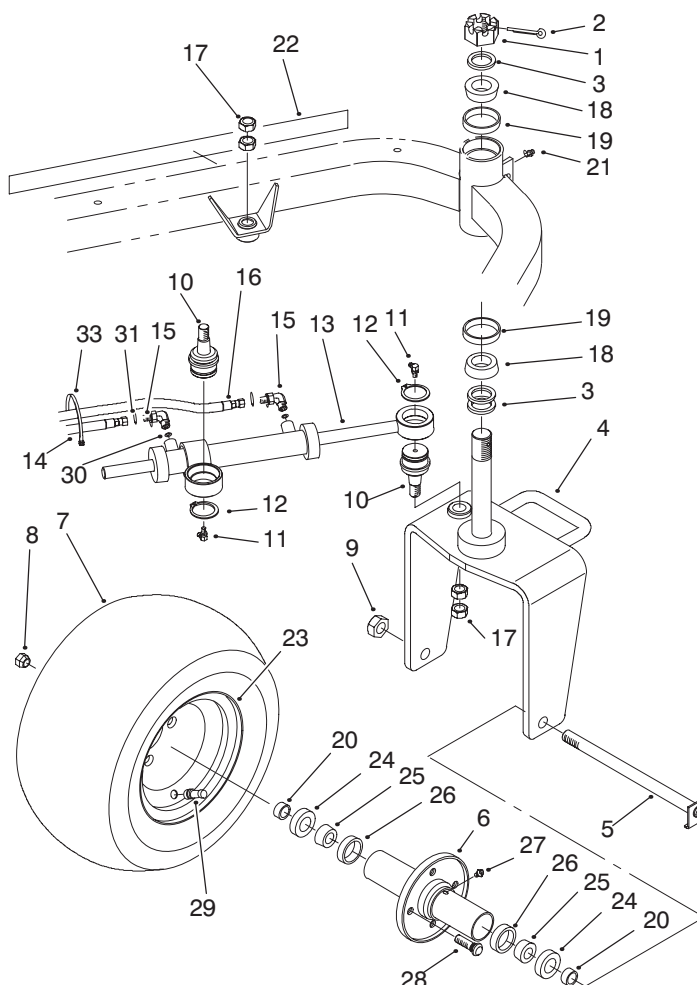
STEERING CONTROL VALVE NO. 93-2120

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

PROTOTYPE

†Not Serviced Separately

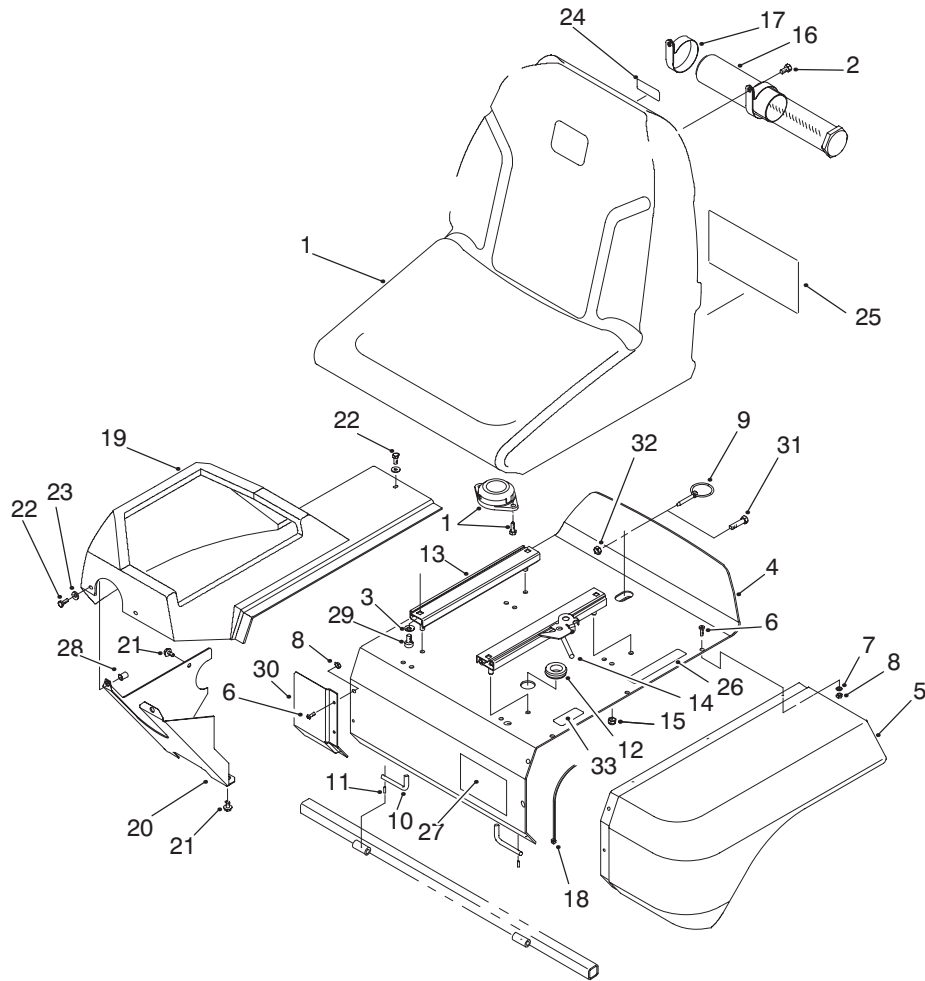


T-2225-1

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



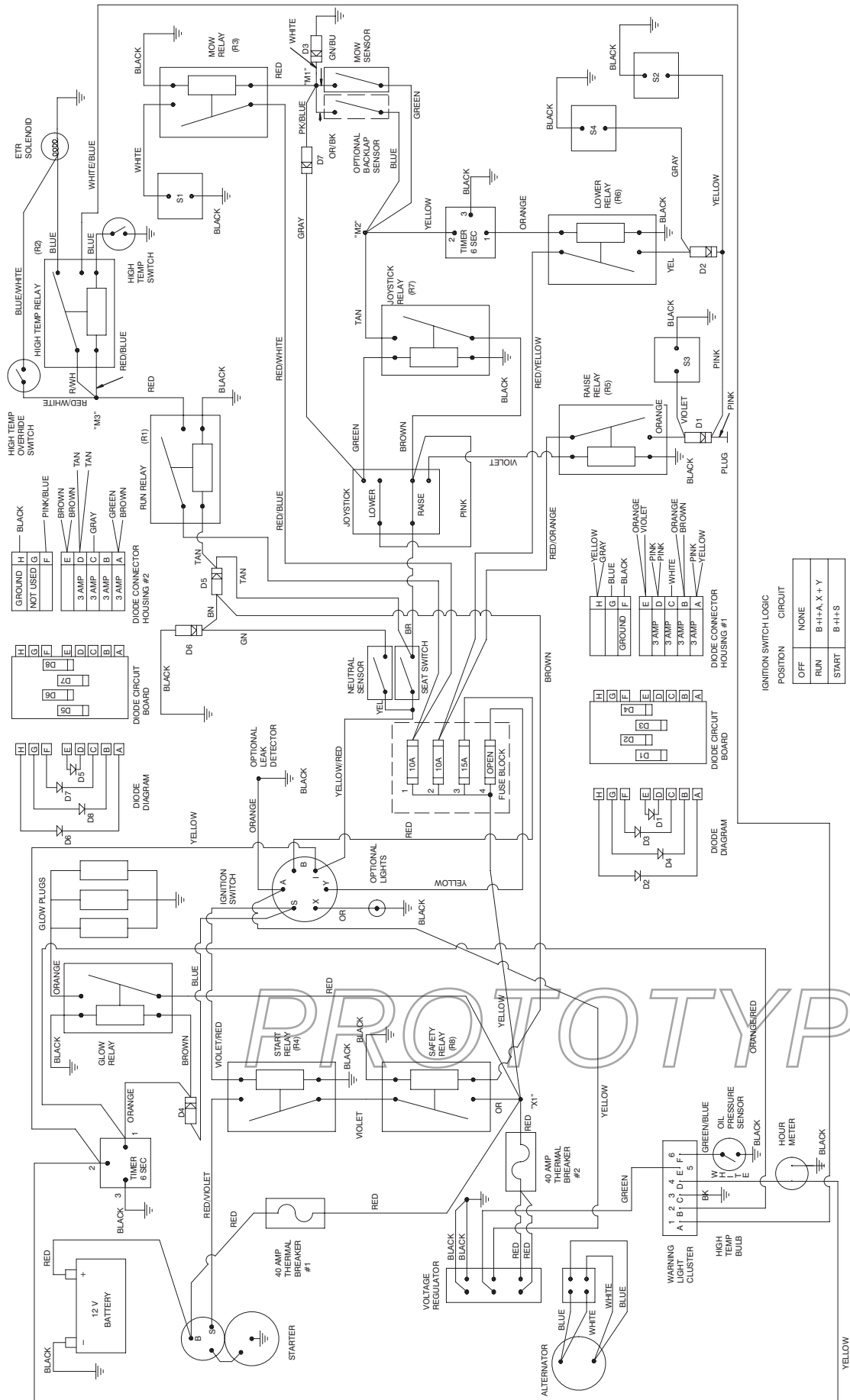
T-2226-3

SEAT ASSEMBLY

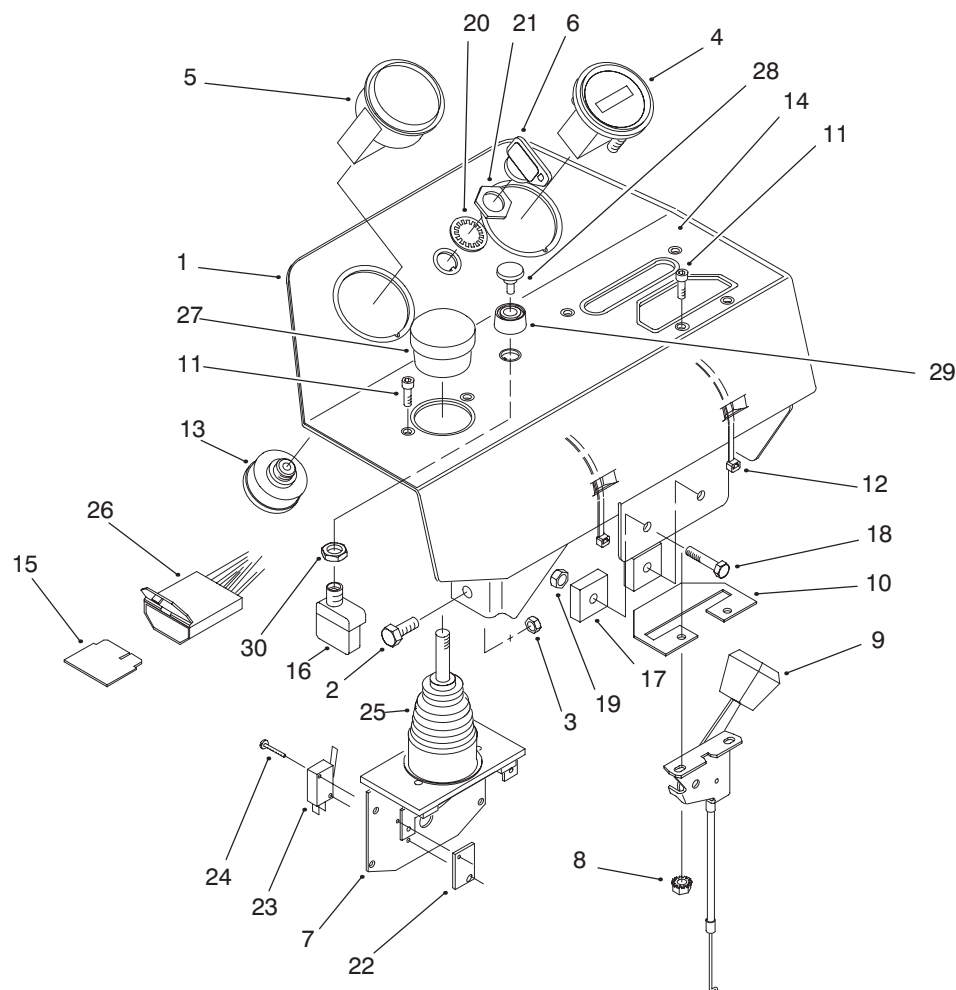
Ref. No.	Part No.	Description	No. Used
1	92-6280	Seat	1
2	322-2	Screw - HH	2
3	3256-23	Washer - Flat	4
4	94-9627	Seat Support Asm (Incl. Ref. #26, 27 & 33)	1
5	93-2128	Panel - Seat Base	1
6	3274-39	Screw - HSBH	9
7	3256-77	Washer - Flat	6
8	3296-12	Nut - Lock	9
9	283-72	Pin - Lynch	1
10	93-2422	Rod - 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

Ref. No.	Part No.	Description	No. Used
23	3256-1	Washer - Flat	3
24	93-6686	Decal - Hydraulic Oil	1
25	94-9633	Decal - Service	1
25	94-9642	Decal - Service (Danish)	1
25	94-9643	Decal - Service (Dutch)	1
25	94-9641	Decal - Service (Finnish)	1
25	94-9635	Decal - Service (French)	1
25	94-9636	Decal - Service (German)	1
25	94-9638	Decal - Service (Italian)	1
25	94-9644	Decal - Service (Japanese)	1
25	94-9640	Decal - Service (Norwegian)	1
25	94-9639	Decal - Service (Portuguese)	1
25	94-9634	Decal - Service (Spanish)	1
25	94-9637	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-2293-2

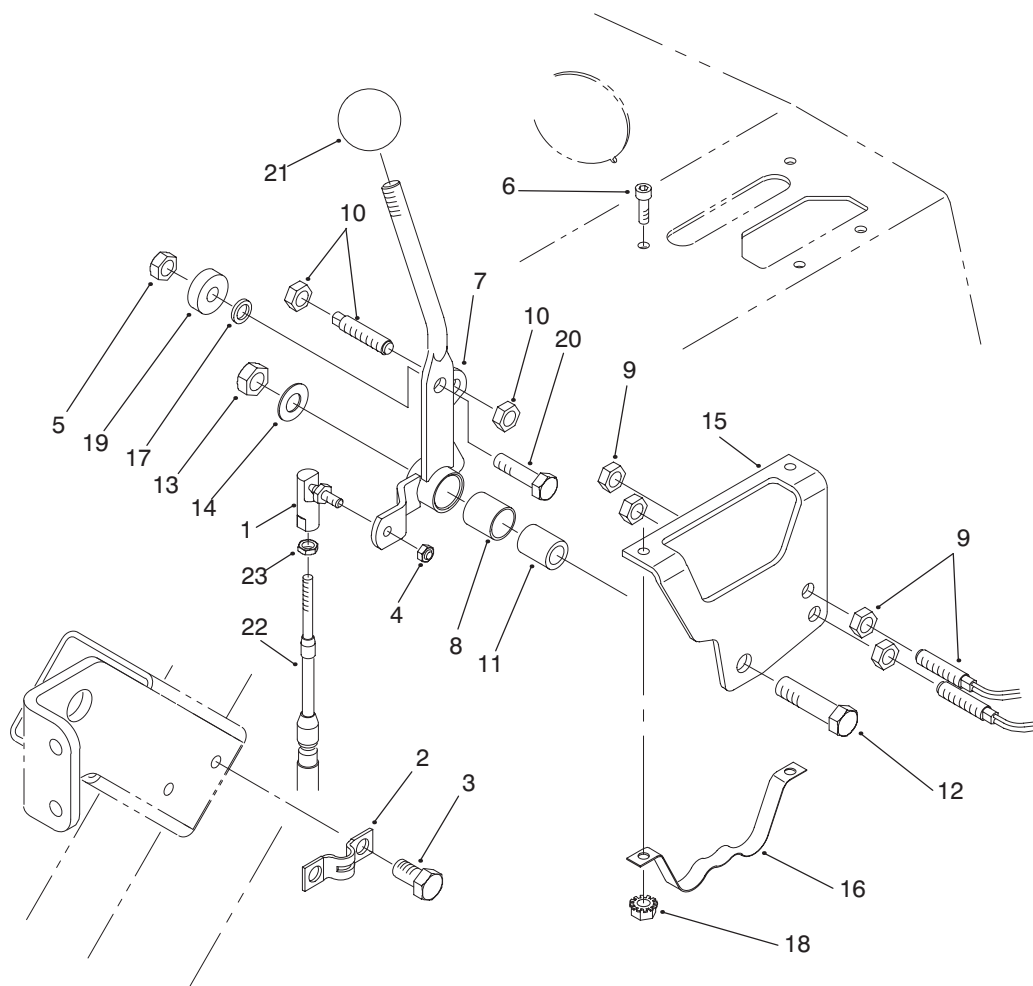


T-2292-1

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

Ref. No.	Part No.	Description	No. Used
16	72-9760	Switch - Override (Incl. Ref. #30)	1
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-2265-1

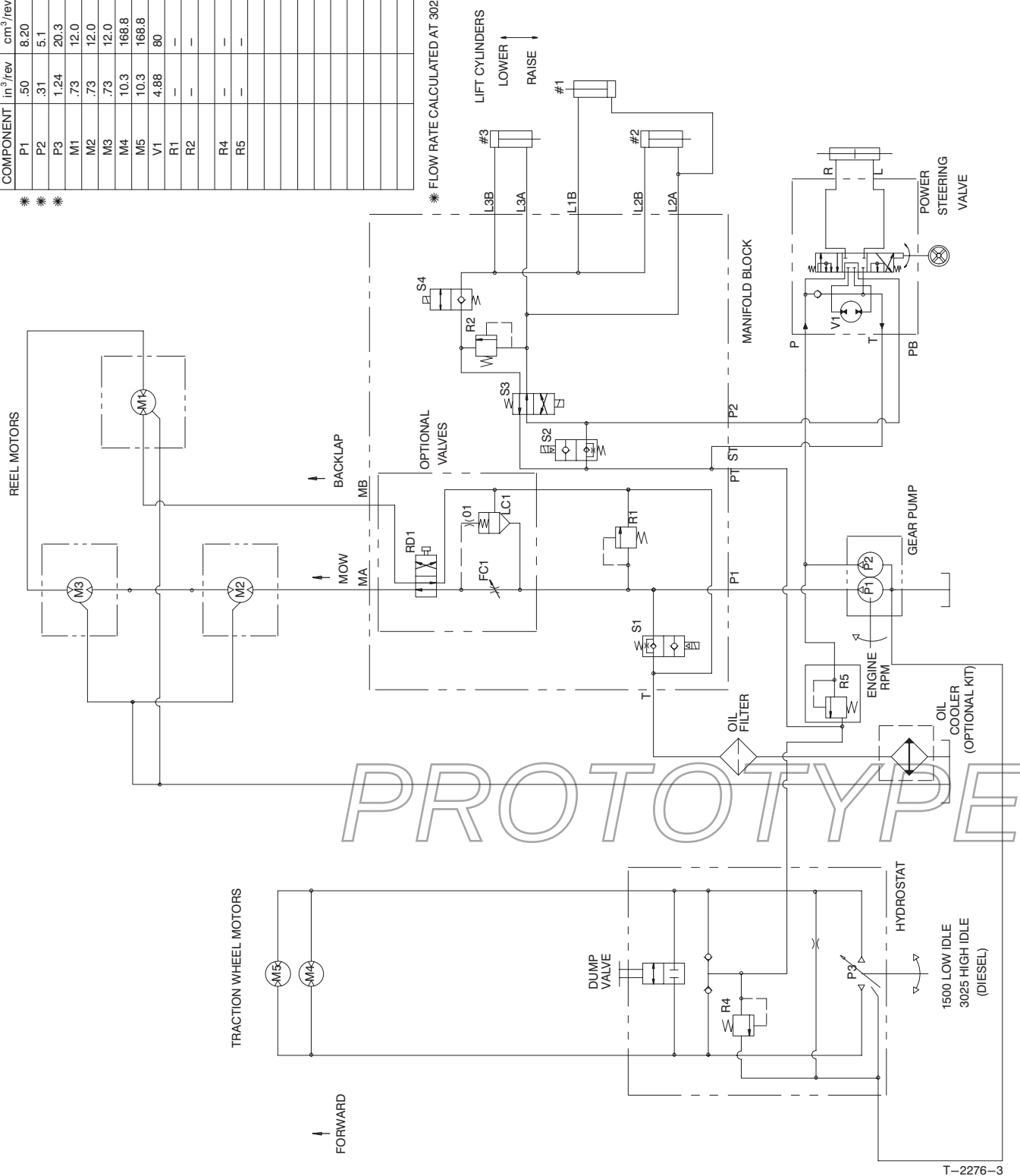
TRACTION HANDLE ASSEMBLY

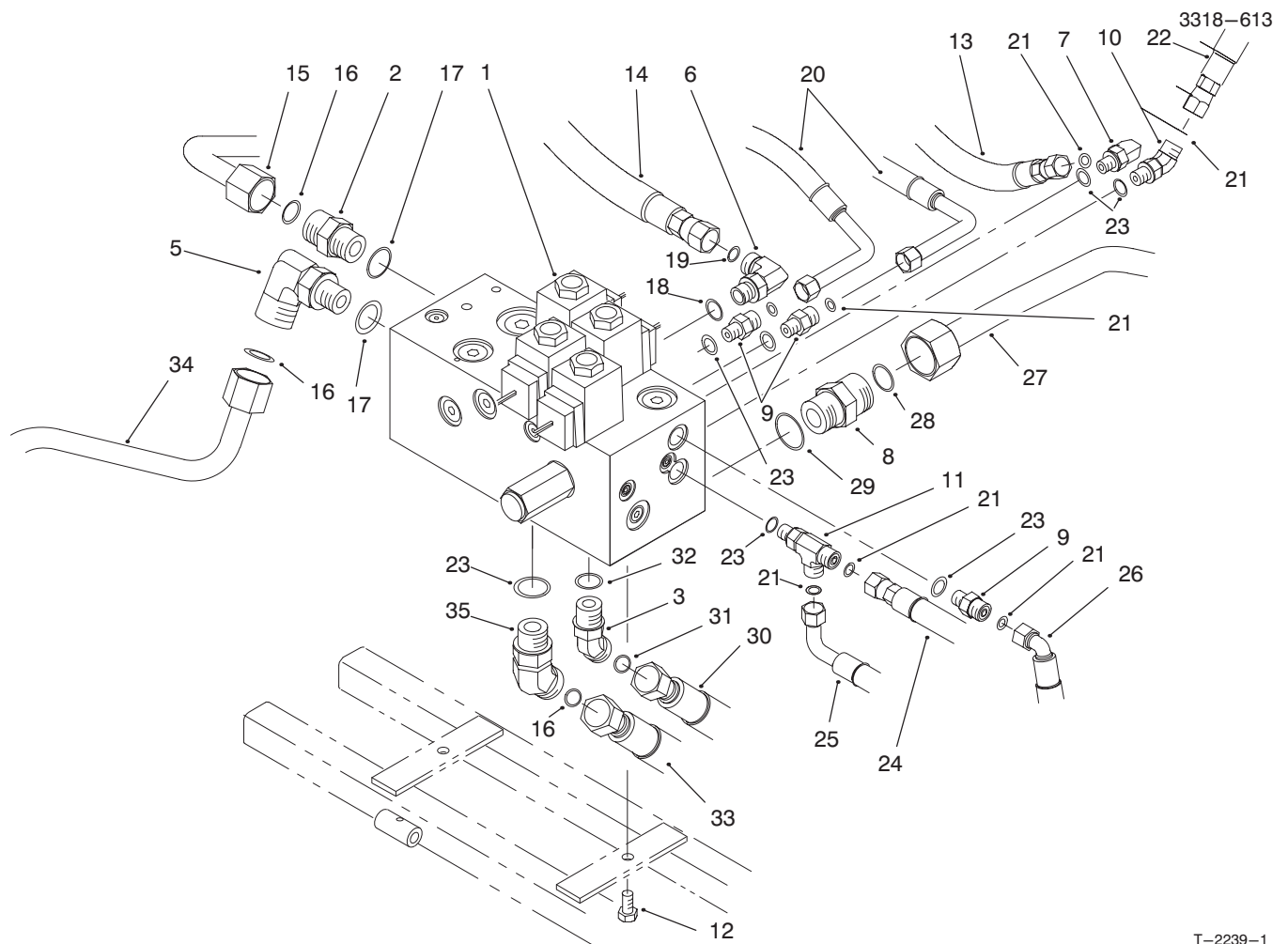
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2411-38	Ball Joint	1	13	33025-00	Nut - Lock NI	1
2	93-2279	Clamp - Cable	1	14	3256-24	Washer - Flat	1
3	33113-008	Screw - HH	2	15	93-2058	Bracket - Traction	1
4	3296-27	Nut - Lock	1	16	93-2064	Spring - Detent	1
5	33024-00	Nut - Lock NI	1	17	75-5470	Spacer	1
6	3273-26	Screw - HSH	2	18	32149-8	Nut - Keys	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 3025 RPM AND 98% EFFICIENCY

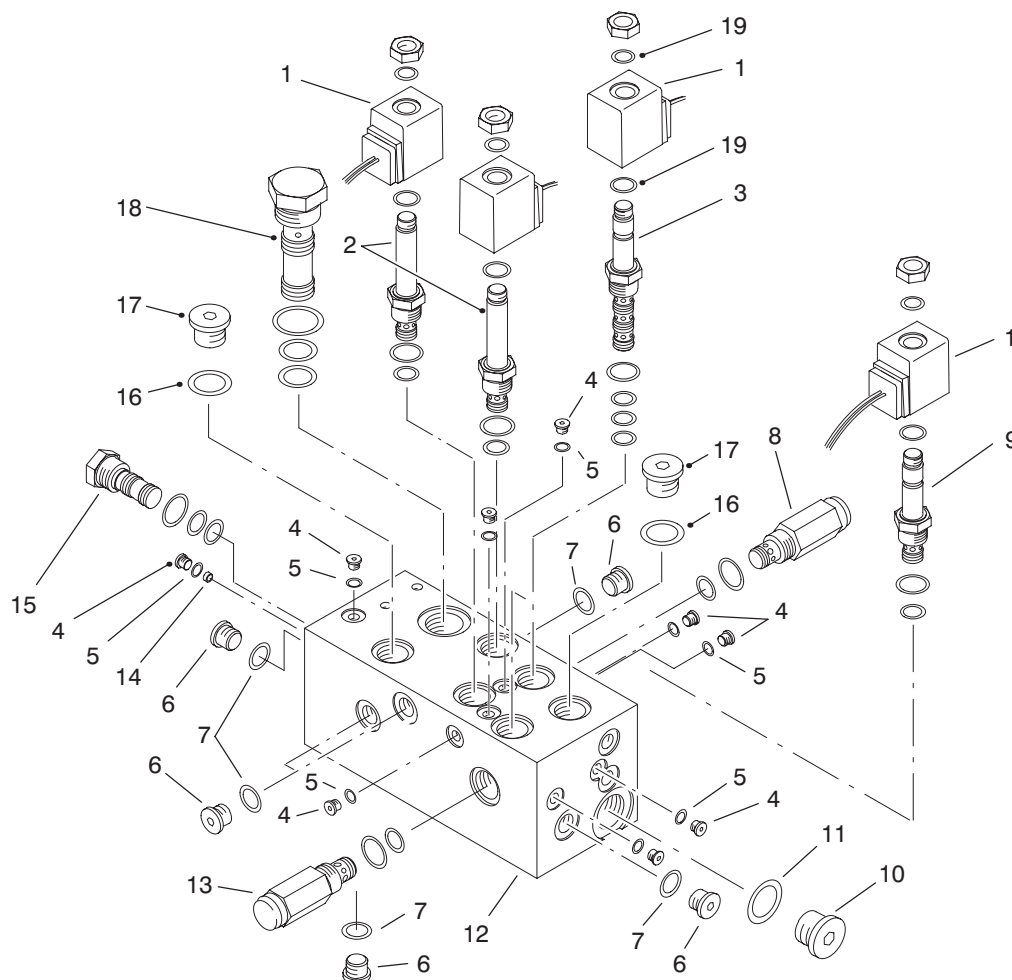




T-2239-1

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-2251-1

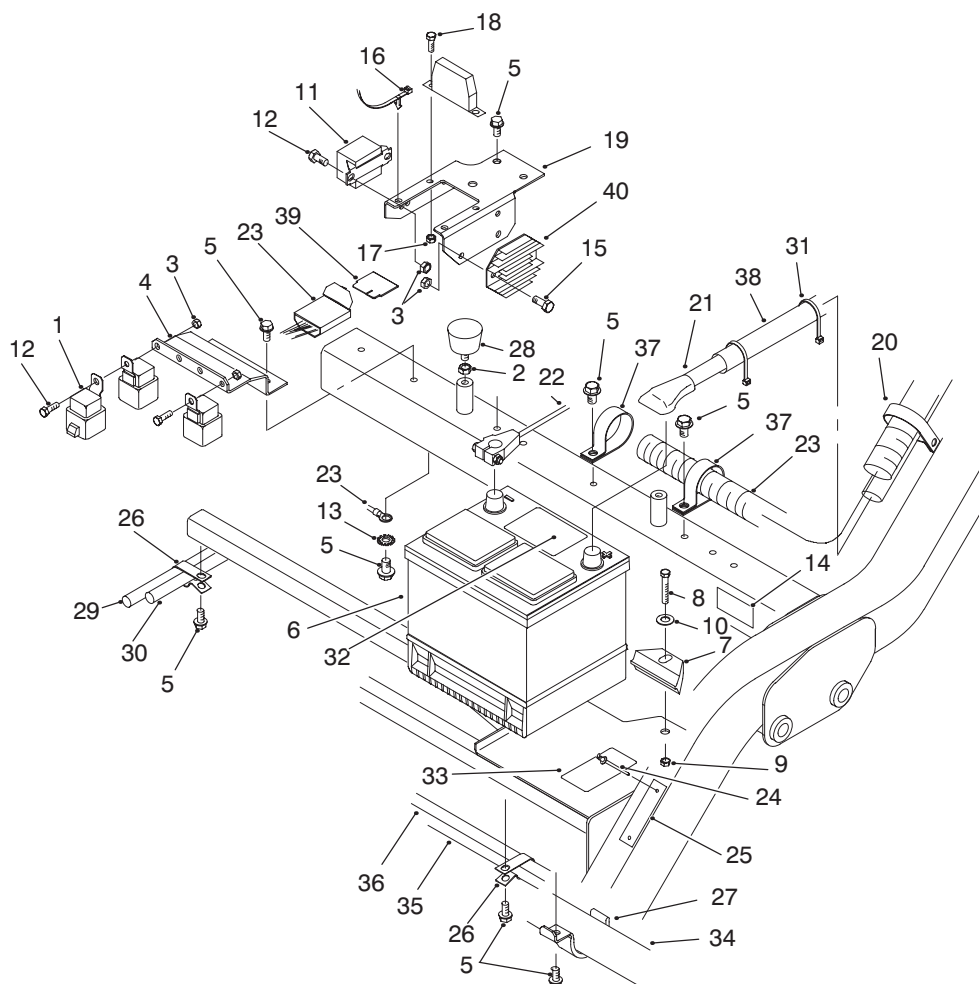
MANIFOLD ASSEMBLY NO. 93-2240

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



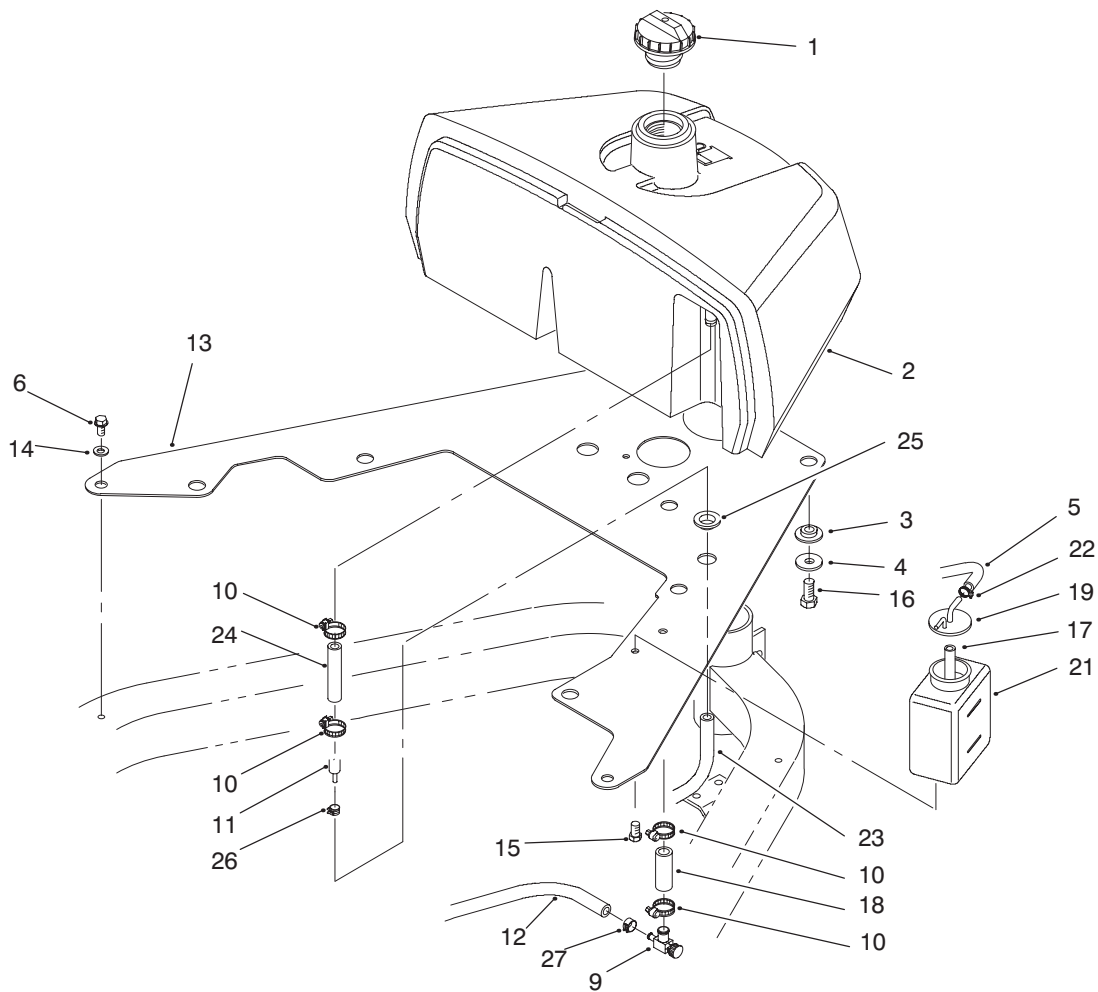
T-2275-2

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		Decal - ANSI	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 - Convolute	1
19	93-2123	Bracket - Fuse Block	1	39	92-3188	Diode - Circuit Board	1
20	2412-104	Clamp - R	3	‡40	185516140	Regulator	1

†Not serviced

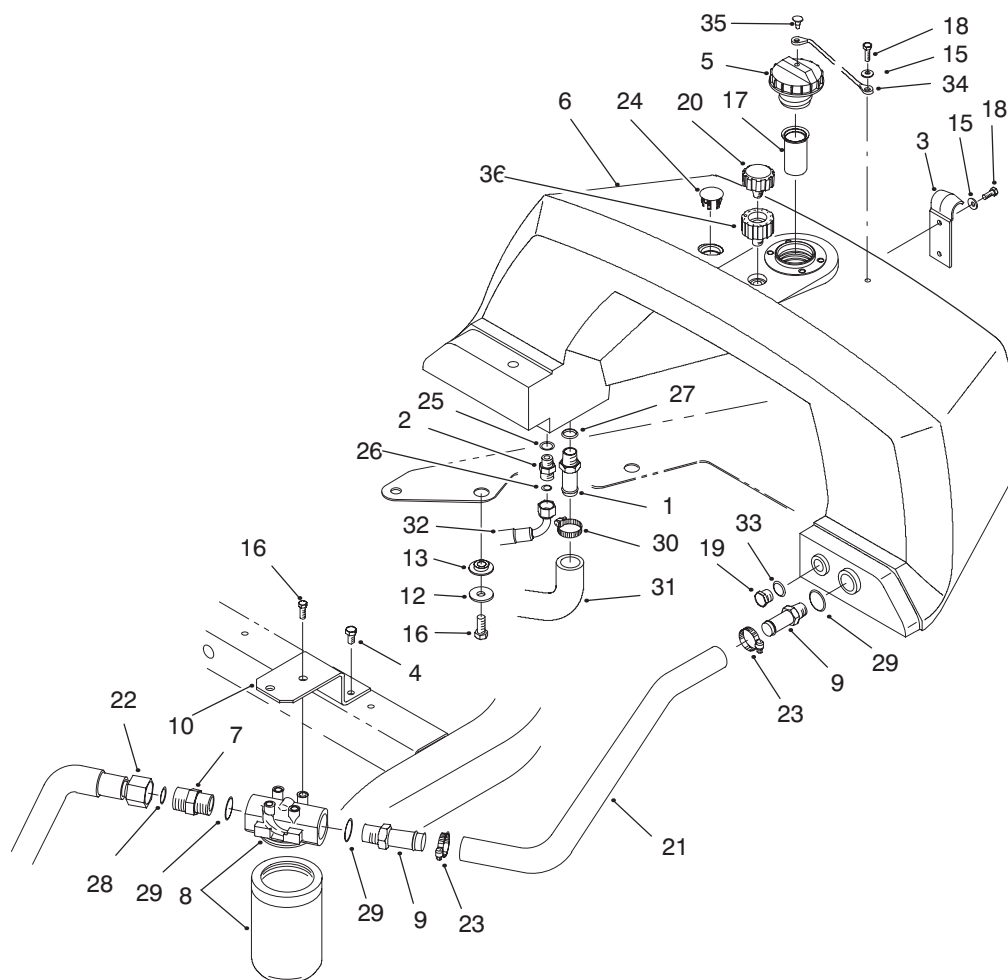
‡Obtain from your local Perkins Dealer.



T-2271-2

FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-3102	Fuel Cap – Diesel	1	15	33114-016	Screw – HH	2
2	93-2225	Tank – Fuel	1	16	33115-020	Screw – HH	3
3	240-11	Grommet	3	17	94-1348	Hose – Tank	1
4	93-4637	Washer – Flat	3	18	94-4353	Hose – Fuel	1
5	93-2260	Hose – Expansion Tank	1	19	93-2048	Cap – Overflow Tank	1
6	32144-14	Screw – HH	3	21	93-2049	Tank – Overflow	1
9	56-2520	Fitting – Fuel Shut Off	1	22	2412-108	Clamp – Hose	1
10	2412-36	Clamp – Hose	4	23	93-2298	Hose – Fuel	1
11	93-2299	Fitting – Fuel	1	24	56-2230	Hose – Fuel	1
12	93-2230	Hose – Fuel	1	25	237-124	Grommet	1
13	94-1364	Plate	1	26	94-8189	Clamp – Hose	1
14	3256-23	Washer – Flat	2	27	94-8191	Clamp – Hose	1

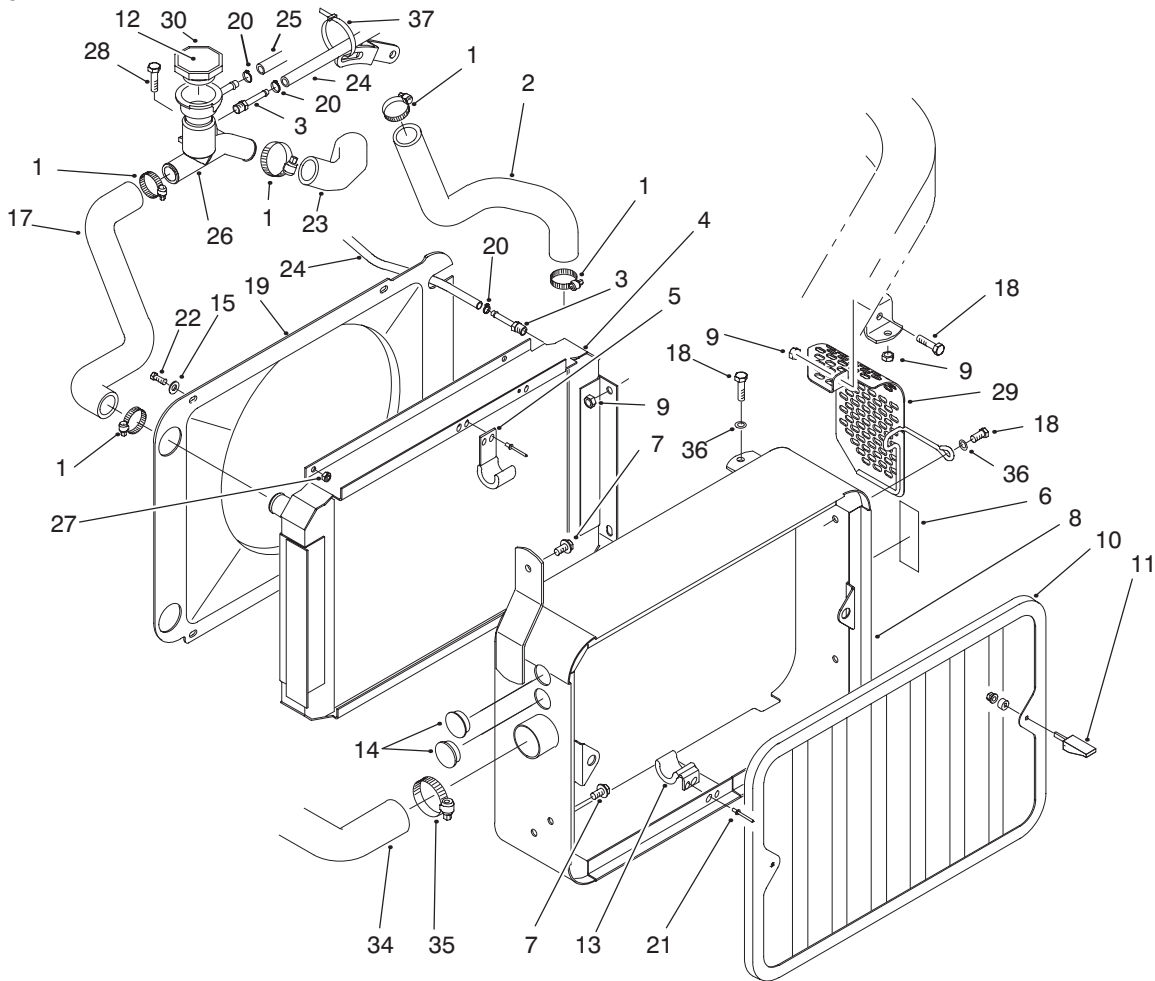


T-2272-3

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	18	33113-016	Screw - HH	3
2	340-2	Fitting - Hydraulic (Incl. Ref. 25 & 26)	1	19	353-988	Plug (Incl. Ref. 33)	1
3	93-2438	Clamp - Fuel Tank	1	20	68-6150	Breather - Air	1
4	32144-14	Screw - HH	2	21	94-9607	Hose - Formed	1
5	93-7160	Cap - Hydraulic Oil (Incl. Ref. #34-35)	1	22	94-4518	Hose - Assembly	1
6	93-2235	Tank - Hydraulic	1	23	2412-129	Clamp - Hose	2
7	340-9	Fitting - Hydraulic (Incl. Ref. 28 & 29)	1	24	93-2437	Plug - Serrated	1
8	93-2242	Filter Assembly - Oil	1	25	237-42	O-Ring	1
9	354-73	Fitting - Hydraulic, Barb (Incl. Ref. #29)	2	26	237-22	O-Ring	1
10	93-2236	Mount - Oil Filter	1	27	237-146	O-Ring	1
12	93-4637	Washer - Flat	4	28	237-58	O-Ring	1
13	240-11	Grommet	4	29	237-81	O-Ring	3
15	3256-1	Washer - Flat	3	30	2412-34	Clamp - Hose	1
16	33115-020	Screw - HH	6	31	93-2068	Hose - Pump Inlet	1
17	93-2275	Screen - Filler	1	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

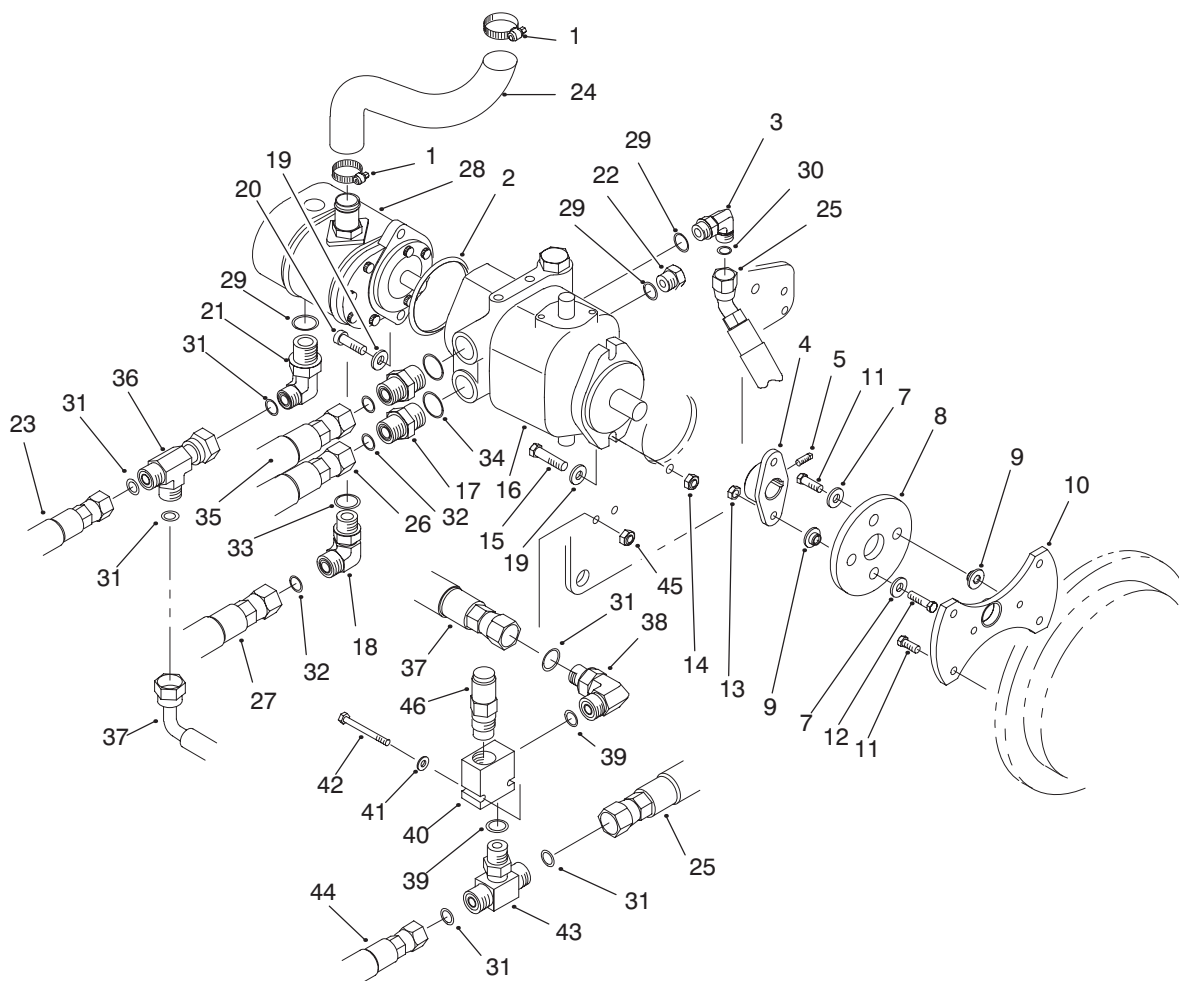


T-2274-3

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412-34	Clamp - Hose	5
2	93-2031	Hose - Radiator	1
3	304-73	Fitting - Hydraulic Barb	2
4	93-2300	Radiator	1
5	93-2425	Bracket - Cooler Upper	2
6	93-6681	Decal - Warning	1
7	32144-14	Screw - HH	2
8	94-9623	Radiator Support Asm (Incl. Ref. #6)	1
9	33024-00	Nut - Lock	6
10	93-2050	Screen	1
11	74-5950	Latch - Swell	2
12	93-7840	Decal - Radiator Cap	1
13	93-2424	Bracket - Cooler Lower	2
14	94-4528	Plug	2
15	3256-22	Washer - Flat	4
17	93-2018	Hose - Radiator	1

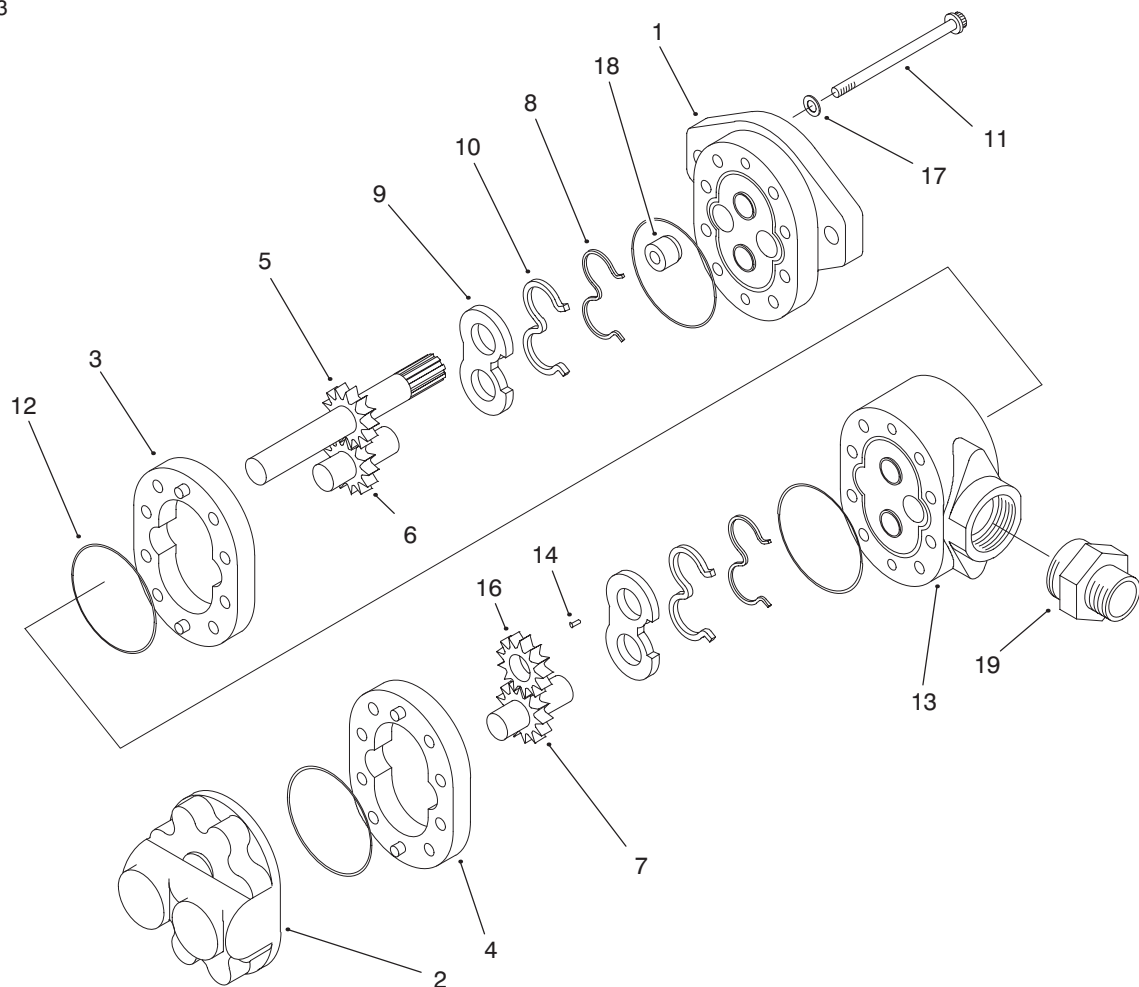
Ref. No.	Part No.	Description	No. Used
18	33114-020	Screw - HH	6
19	93-2320	Shroud - Fan	1
20	2412-108	Clamp - Hose	3
21	3269-15	Rivet - Pop	8
22	33113-016	Screw - HH	4
23	93-2016	Hose - Radiator	1
24	94-1349	Hose - Breather	1
25	93-2260	Hose - Expansion Tank	1
26	94-3473	Elbow Assembly - Radiator	1
27	33023-00	Nut - Lock	4
28	33114-016	Screw - HH	2
29	94-3480	Guard - Alternator	1
30	66-3240	Cap - Radiator	1
34	93-2035	Hose - Air Cleaner	1
35	2412-92	Clamp - Hose	1
36	3256-23	Washer - Flat	2
37	3290-378	Tie - Cable	1



T-2270-4

HYDRAULIC PUMP & HYDROSTAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2412-34	Clamp - Hose	2	23	93-2252	Hose Assembly	1
2	60-3520	O-Ring	1	24	94-8174	Hose - Pump Inlet	1
3	340-18	Fitting - Hydraulic 90° (Incl. Ref. #29 & 31)	1	25	94-6384	Hose Assembly	1
4	93-2589	Hub - Pump	1	26	94-5355	Hose Assembly	1
5	3241-6	Screw - SQH	2	27	94-1332	Hose Assembly	1
7	3256-3	Washer - Flat	4	28	95-0533	Gear Pump	1
8	80-8650	Coupling - Rubber	1	29	237-79	O-Ring	3
9	27-6600	Spacer - Coupling	4	31	237-22	O-Ring	7
10	93-2170	Pump Adapter	1	32	237-65	O-Ring	3
11	33114-020	Screw - HH	6	33	237-80	O-Ring	1
12	33114-030	Screw - HH	2	34	237-81	O-Ring	2
13	33024-00	Nut - Lock	2	35	94-5356	Hose Assembly	1
14	33025-00	Nut - Lock	2	36	340-115	Fitting - Tee	1
15	33115-040	Screw - HH	2	37	94-8167	Hose Assembly	1
16	93-2586	Hydrostat	1	38	340-77	Fitting - Hydraulic 90°	1
17	340-8	Fitting - Hydraulic (Incl. Ref. #32 & 34)	2	39	237-42	O-Ring	2
18	340-17	Fitting - Hydraulic 90° (Incl. Ref. #32 & 33)	1	40	94-6385	Valve - Relief (Incl. Ref. #46)	1
19	3256-24	Washer - Flat	4	41	3256-22	Washer - Flat	2
20	3274-1	Screw - HSH	2	42	33113-050	Screw - HH	2
21	340-18	Fitting - Hydraulic 90° (Incl. Ref. #29 & 31)	1	43	340-94	Fitting - Tee	1
22	353-988	Plug (Incl. Ref. #29)	1	44	94-6383	Hose Assembly	1
				45	33023-00	Nut - Lock	2
				46	94-6386	Cartridge - Relief Valve	1



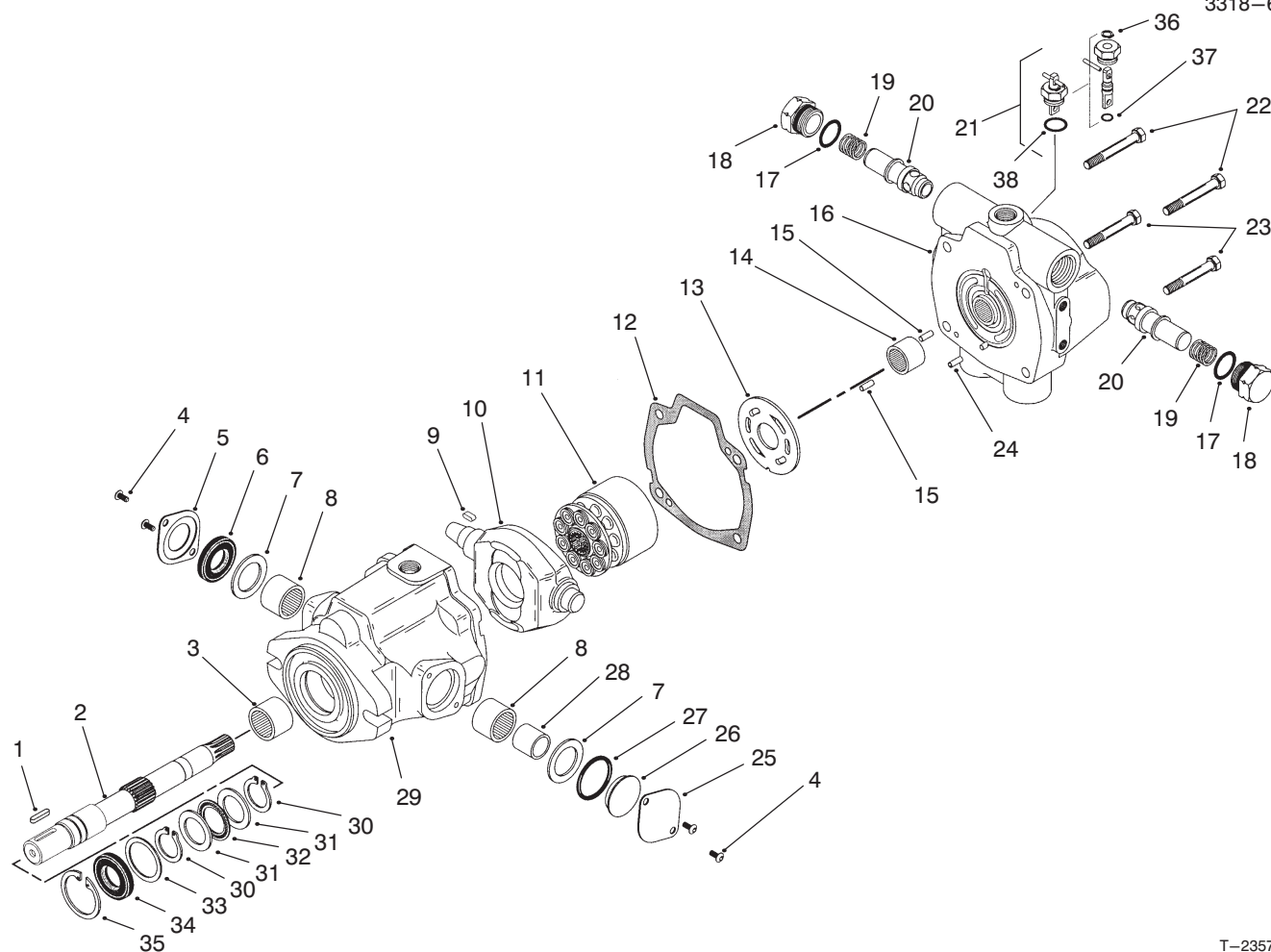
T-2392-1

GEAR PUMP ASSEMBLY NO. 95-0533

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1	94-8158	Plate – Front	1	†12		O-Ring	4
†2		Plate – Back	1	†13		Plate – Adapter	1
†3		Body	1	†14		Key	1
†4		Body	1	†15		Tube	1
†5		Gear – Drive	1	†16		Gear	1
†6		Gear – Idler	1	17	94-8160	Washer	4
†7		Gear – Idler	1	18	94-3011	Plug	1
†8		Gasket – Backup	2	†19		Fitting – Suction	1
†9		Plate – Wear	2	*	94-8161	Kit – Seal Repair (Incl. Ref. #8-10 & 14)	1
†10		Seal – Pressure	2				
11		Screw – Cap	8				

†Not Serviced Separately

*Not Illustrated



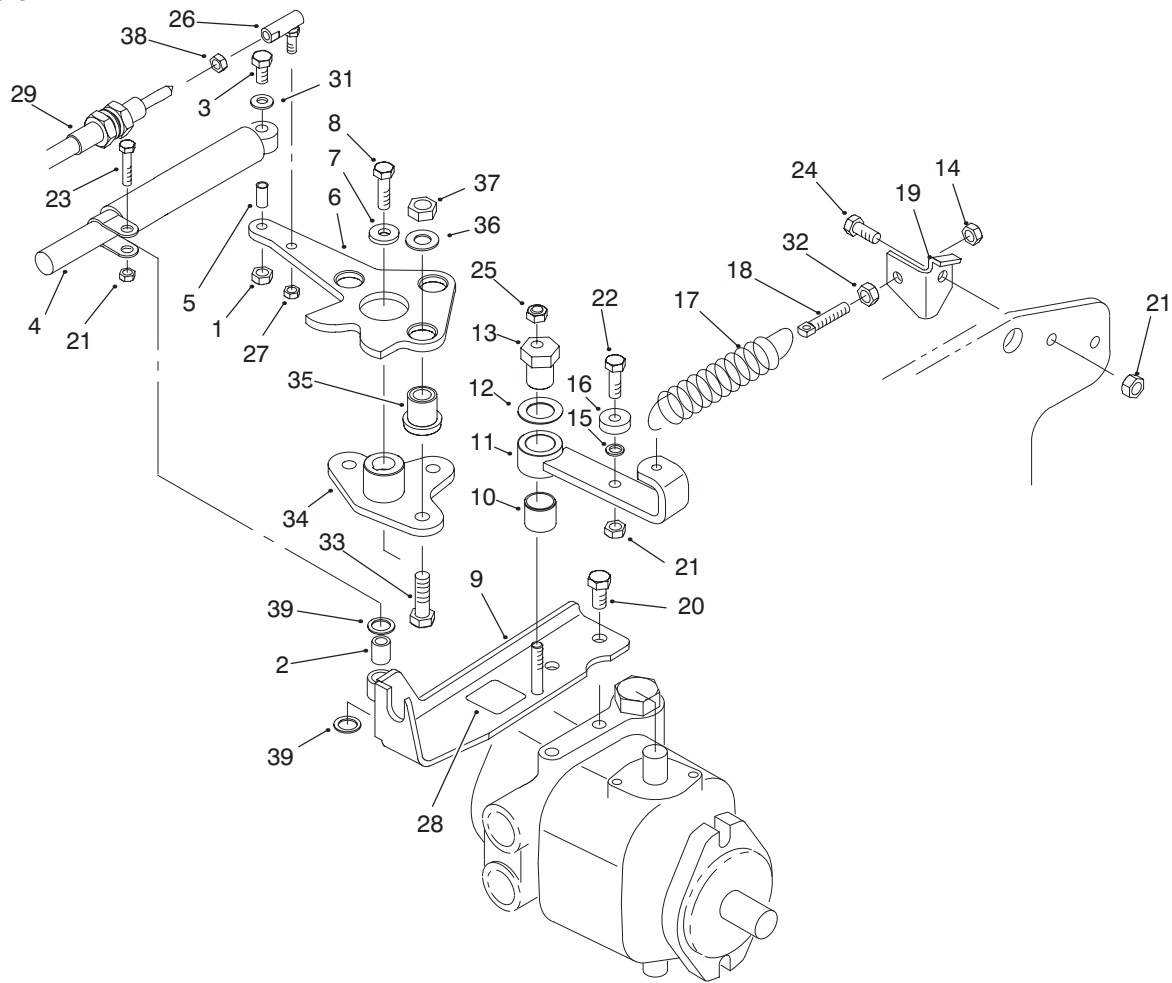
T-2357-1

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

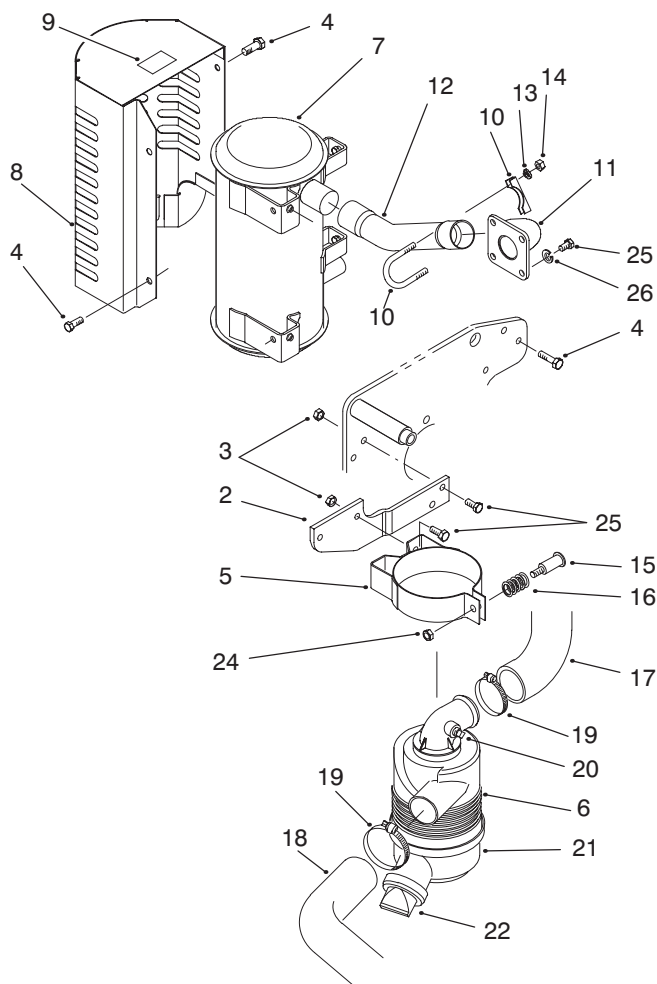


T-2228-3

NEUTRAL SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	33023-00	Nut - Lock	1
2	94-8197	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	94-9603	Cable Support	1
10	94-9609	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
39	94-8196	Washer - Nylon	2

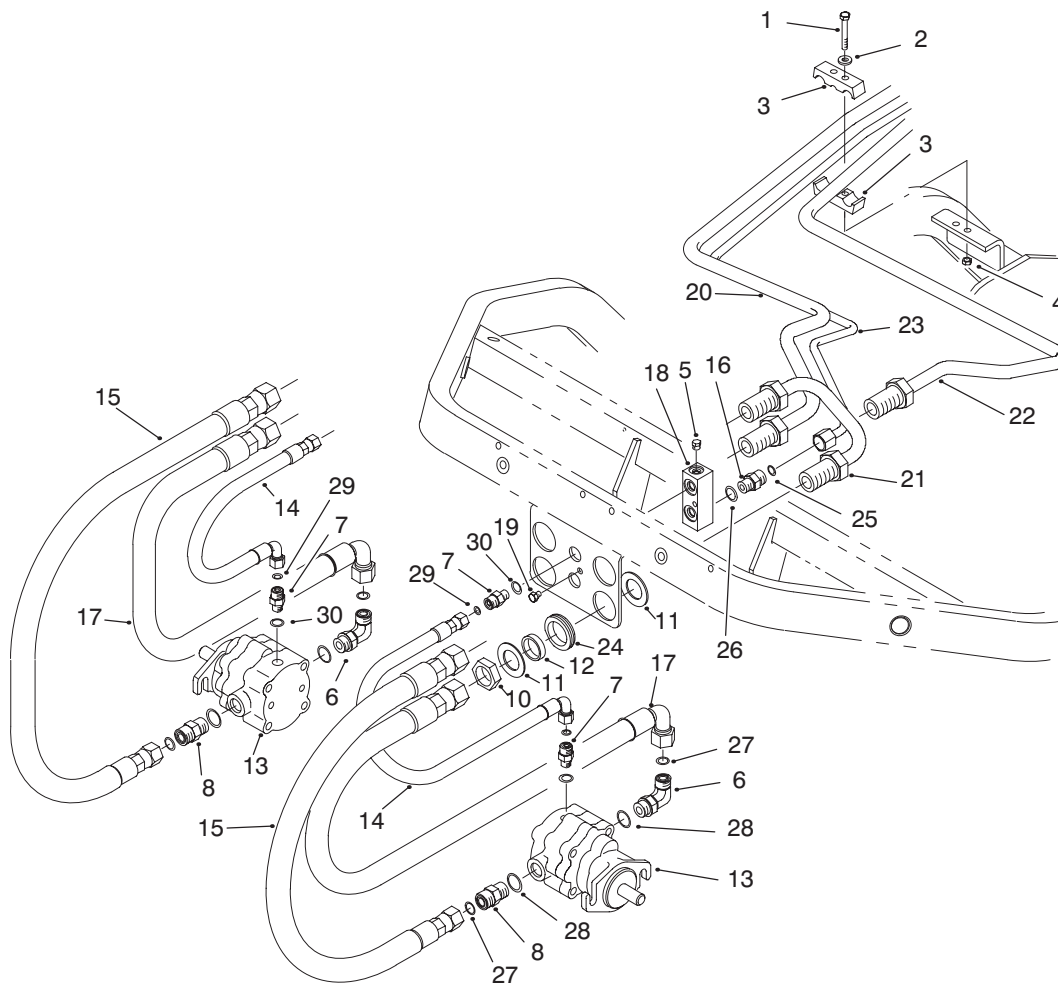


T-2291-3

MUFFLER & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	94-5359	Bracket - Air Cleaner	1	13	3253-4	Washer - Lock	4
3	33024-00	Nut - Lock	4	14	3217-6	Nut - Hex.	4
4	33114-020	Screw - HH	6	15	94-3653	Bolt	1
5	93-2191	Mounting Band Assembly (Incl. Ref. #24-26)	1	16	94-3654	Spring - Compression	1
6	93-2190	Air Cleaner Assembly (Incl. Ref. #20-23)	1	17	93-2423	Hose - Air Cleaner	1
7	94-8153	Muffler	1	18	93-2035	Hose - Air Cleaner	1
8	94-9629	Muffler Shield Asm (Incl. Ref. #9)	1	19	2412-92	Clamp - Hose	2
9	93-8069	Decal - Hot Surface	1	20	285-17	Plug	1
10	2112-9	Clamp (Incl. Ref. #13 & 14)	2	21	94-3652	Cover Assembly	1
11	93-2185	Exhaust Bracket	1	22	94-1414	Valve	1
12	93-2183	Pipe - Exhaust	1	*23	93-2195	Element - Air Cleaner	1
				24	48-9510	Nut - Lock	1
				25	33114-025	Screw - HH	8
				26	3253-4	Washer - Spring Lock	4

*Not Illustrated

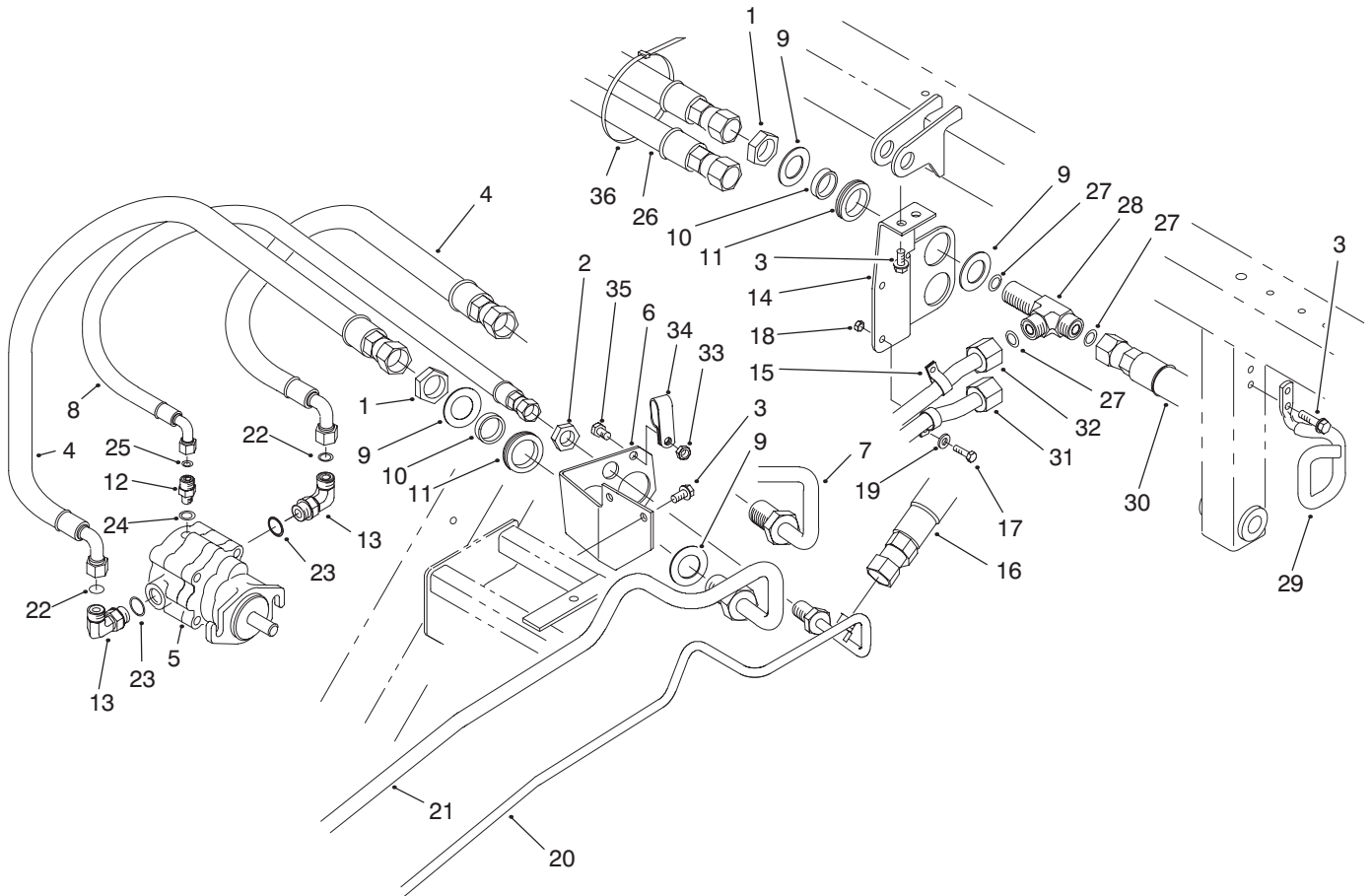


T-2240-1

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

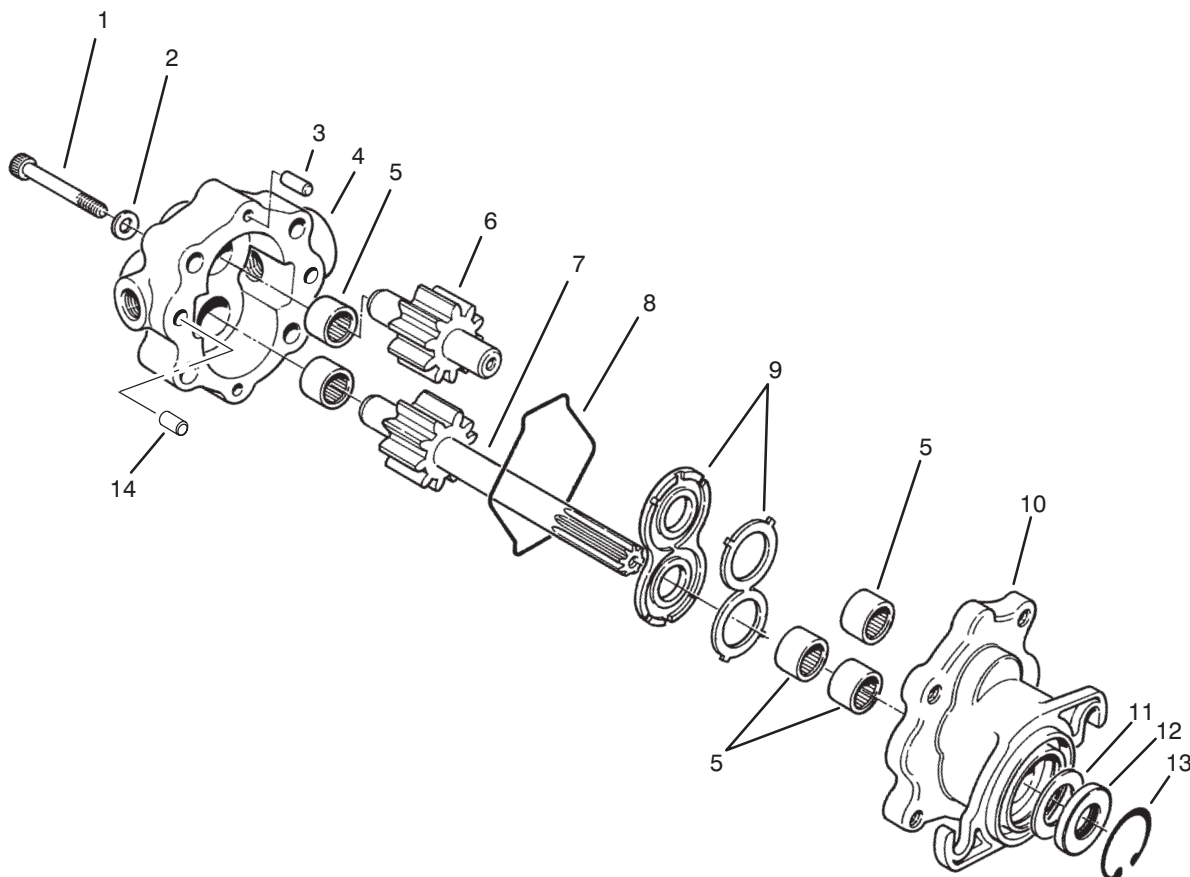
Ref. No.	Part No.	Description	No. Used
16	340-2	Fitting – Hydraulic (Incl. Ref. #25-26)	1
17	93-2263	Hose Assembly	2
18	93-2238	T-Block (Incl. Ref. #5)	1
19	33113-008	Screw – HH	1
20	94-1318	Tube – Hydraulic	1
21	94-1319	Tube – Hydraulic	1
22	94-1320	Tube – Hydraulic	1
23	94-1321	Tube – Hydraulic	1
24	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-2241-2

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



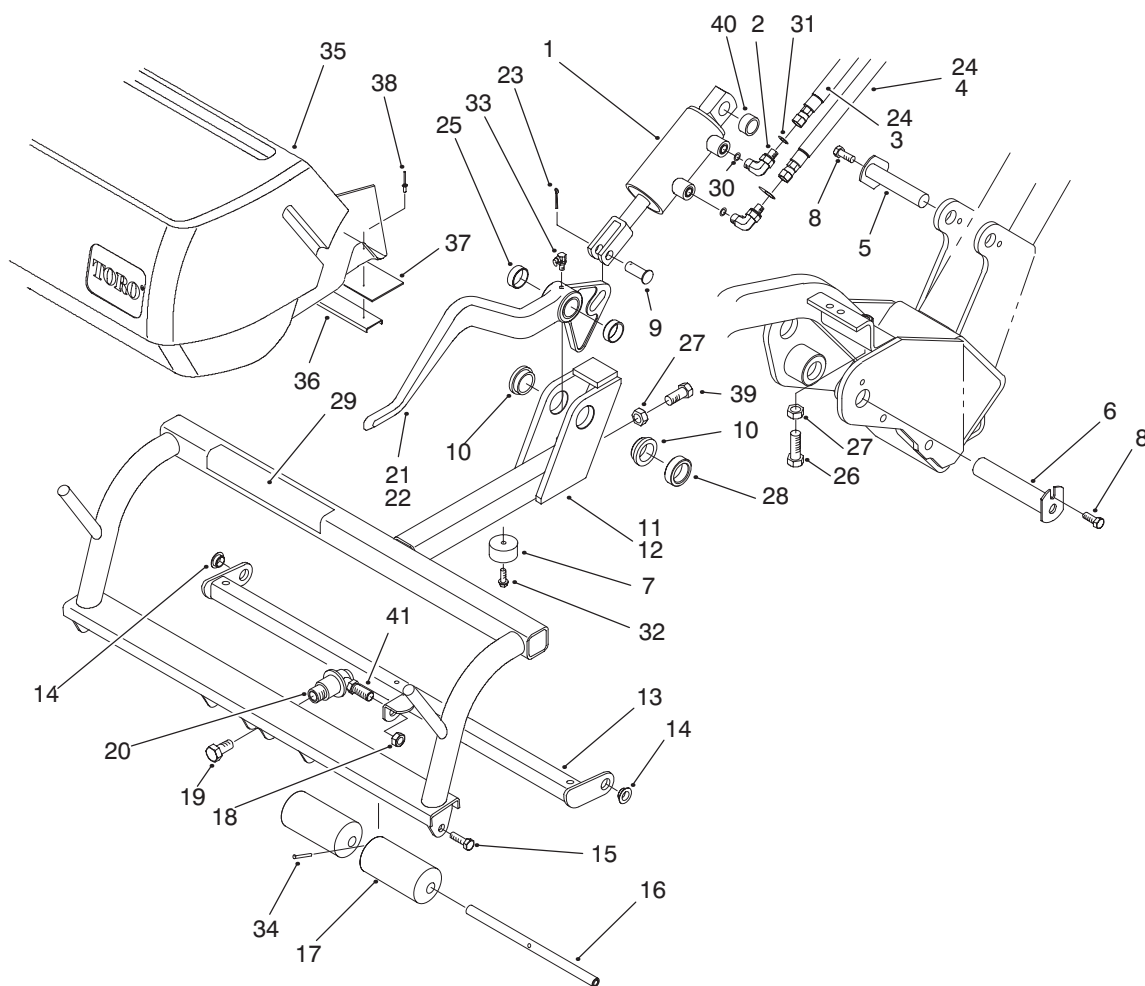
T-1872-1

REEL MOTOR ASSEMBLY NO. 93-1375

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	354-50	Screw—Hex Socket Hd.	4	9	74-3810	Assembly — Load Plate	1
2	354-51	Washer	4	10	92-8795	Assembly — Body (Incl. Ref. #5)	1
3	353-599	Pin—Dowel	2	†11		Spacer	1
4	93-3614	Assembly — Cover (Incl. Ref. #5)	1	†12		Seal—Shaft	1
†5		Bearing—Needle	5	13	32151-41	Ring — Retaining	1
6	93-3616	Assembly — Idler Gear	1	14	92-8796	Pin — Dowel	2
7	93-3615	Assembly — Drive Shaft	1	*	92-8863	Repair Kit (Incl. Ref. #8, & 11-13)	1
8	354-46	Ring—Seal	1				

*Not Illustrated

†Not Serviced Separately

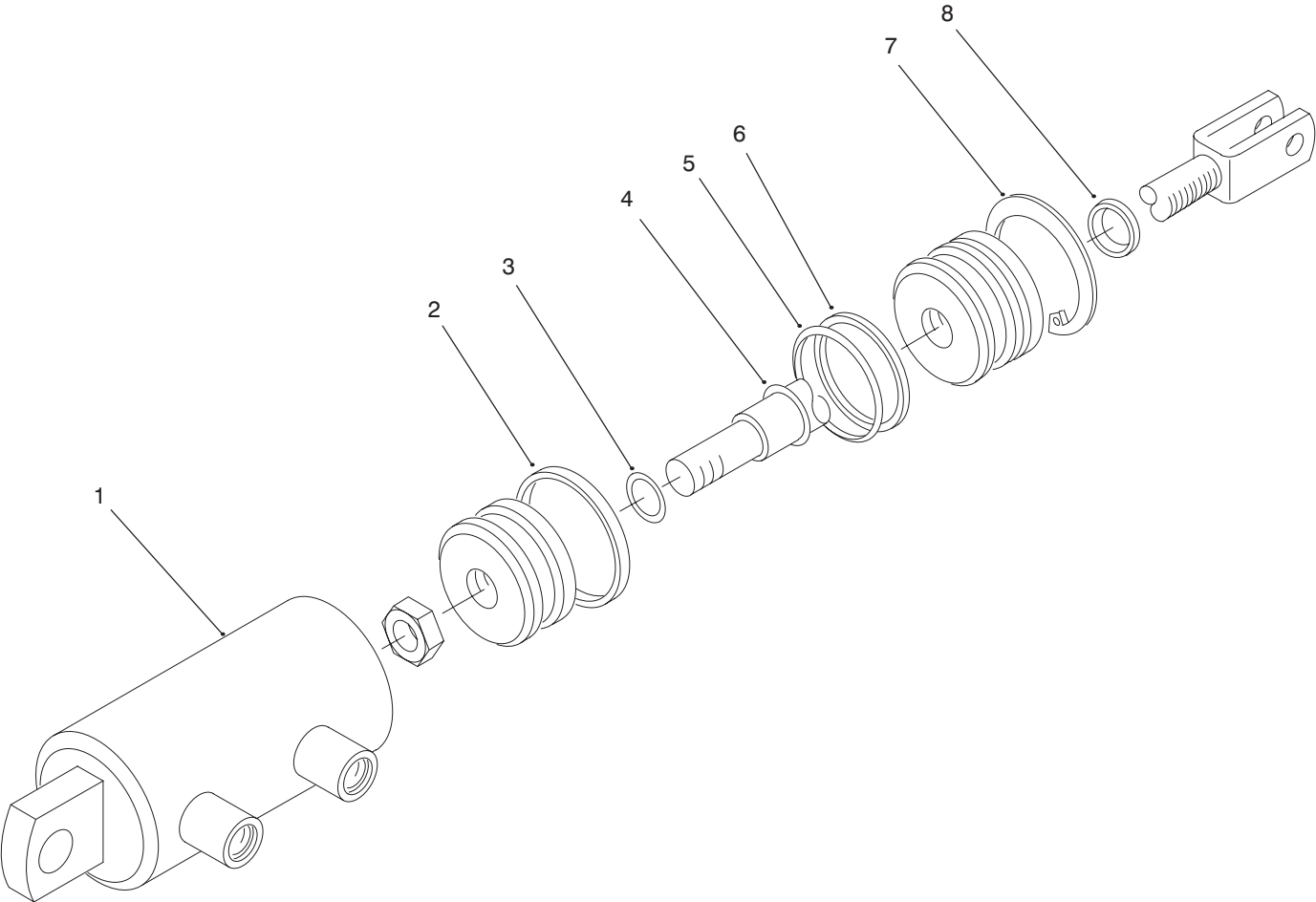


T-2230-3

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	2	25	92-8995	Bushing – Straight	4
6	94-8198	Pin	2	26	325-6	Screw – HH	2
7	94-4548	Bumper	2	27	3218-5	Nut – Jam	4
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	94-9610	Bushing – Flange	4	30	237-78	O-Ring	4
11	94-9625	Carrier – RH (Incl. Ref. #10 & 29)	1	31	237-21	O-Ring	4
12	94-9624	Carrier – LH (Incl. Ref. #10 & 29)	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	39	325-4	Screw – HH	2
20	94-9647	Ball Joint (Incl. Ref. #41)	2	40	74-3730	Spacer – Cylinder	2
				41	94-9648	Ball Stud	2
				*	65-8320	Bar – Guage	1

* Not Illustrated.



T-2299-1

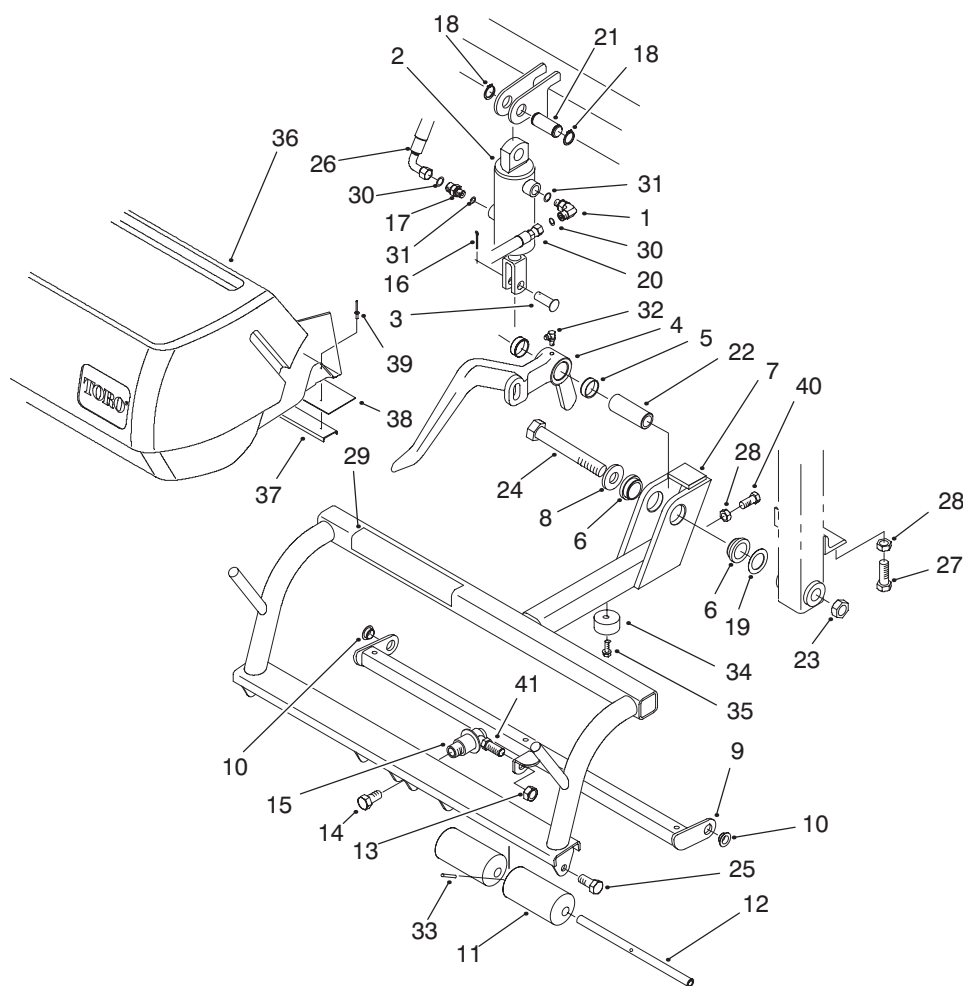
HYDRAULIC CYLINDER NO. 93-2246

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

PROTOTYPE

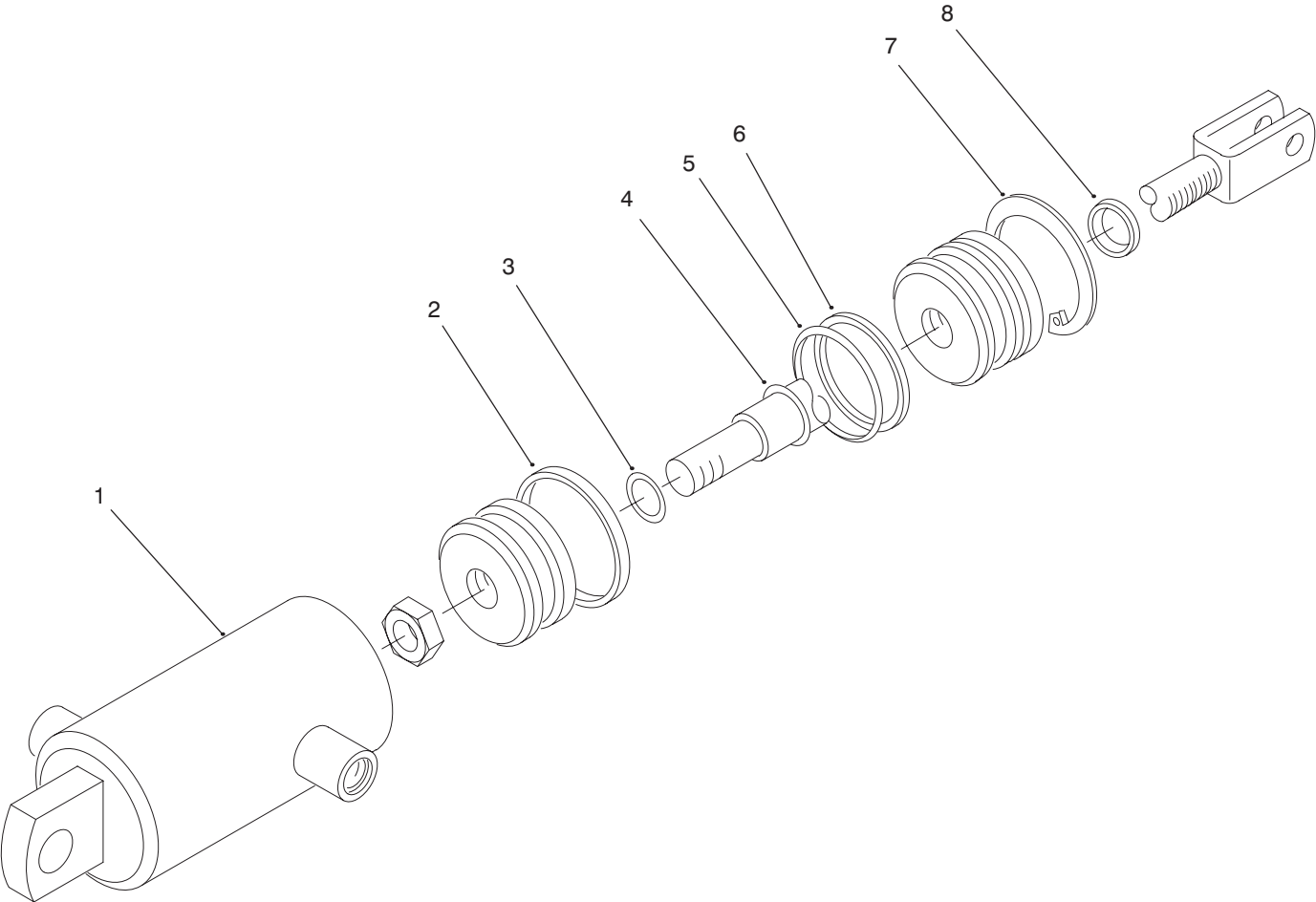
†Not Serviced Separately



T-2231-3

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	21	94-3452	Pin – Cylinder	1
2	94-6357	Hydraulic Cylinder Assembly	1	22	94-8199	Tube – Pivot	1
3	283-8	Pin – Clevis	1	23	3296-53	Nut – Hex	1
4	93-2403	Lift Arm – Center	1	24	327-17	Screw – HH	1
5	92-8995	Bushing – Straight	2	25	3211-2	Screw – HH	4
6	94-9610	Bushing – Flange	2	26	94-3477	Hose Assembly	1
7	94-9626	Center Carrier Asm (Incl. Ref. #6 & 29)	1	27	325-6	Screw – HH	1
8	3256-7	Washer – Flat	1	28	3218-5	Nut – Jam	2
9	94-3483	Pull Arm	1	29	93-8064	Decal – Warning	1
10	93-2368	Bushing – Flange	2	30	237-21	O-Ring	2
11	93-2362	Roller – Anti Scalp	4	31	237-78	O-Ring	2
12	93-2363	Shaft – Roller	2	32	302-60	Fitting – Grease 90°	1
13	3296-19	Nut – Lock	1	33	32121-6	Pin – Roll	2
14	3213-1	Screw – HH	1	34	94-4548	Bumper – Recessed	1
15	94-9647	Ball Joint (Incl. Ref. #41)	1	35	32144-44	Screw – HWH	1
16	3272-11	Pin – Cotter	1	36	93-2553	Grass Basket Assembly (Incl. Ref. #37-39)	1
17	85-9720	Fitting – Hydraulic (Incl. Ref. #30-31)	1	37	93-2552	Retainer	1
18	32120-72	Ring – Retaining, Ext.	2	38	93-2551	Seal – Basket	1
19	63-2290	Washer – Thrust	1	39	3290-55	Rivet – Pop	8
20	93-2258	Hose Assembly	1	40	325-4	Screw – HH	1
				41	94-9648	Ball Stud	1



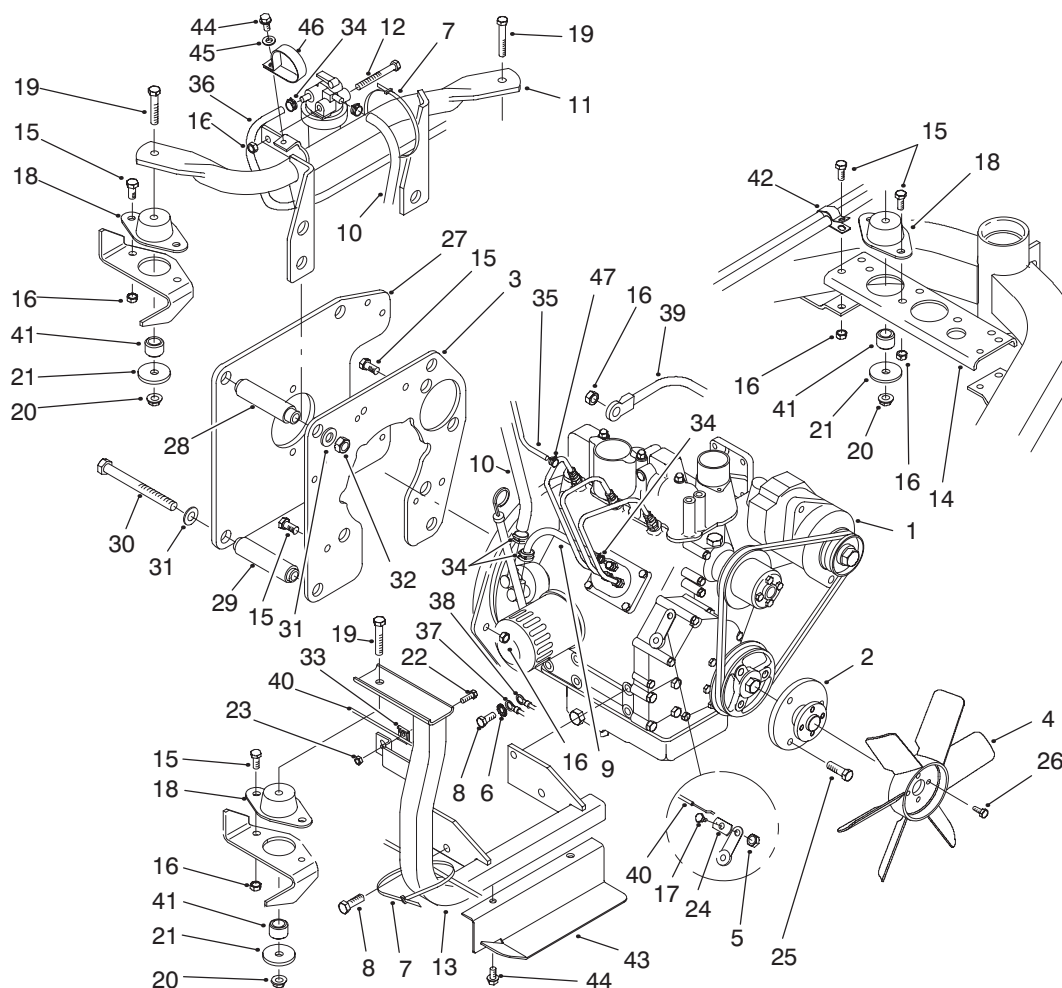
T-2358-1

HYDRAULIC CYLINDER NO. 94-6357

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1		Barrel	1	†6		Washer – Back-Up	1
†2		Uniring	1	7	32120-8	Ring – Retaining	1
†3		O-Ring	1	†8		Seal – Dust	1
†4		Seal – PDF	1	*	86-5390	Kit – Seal, Repair (Incl. Ref. #2-6 & 8)	
†5		O-Ring	1				

PROTOTYPE

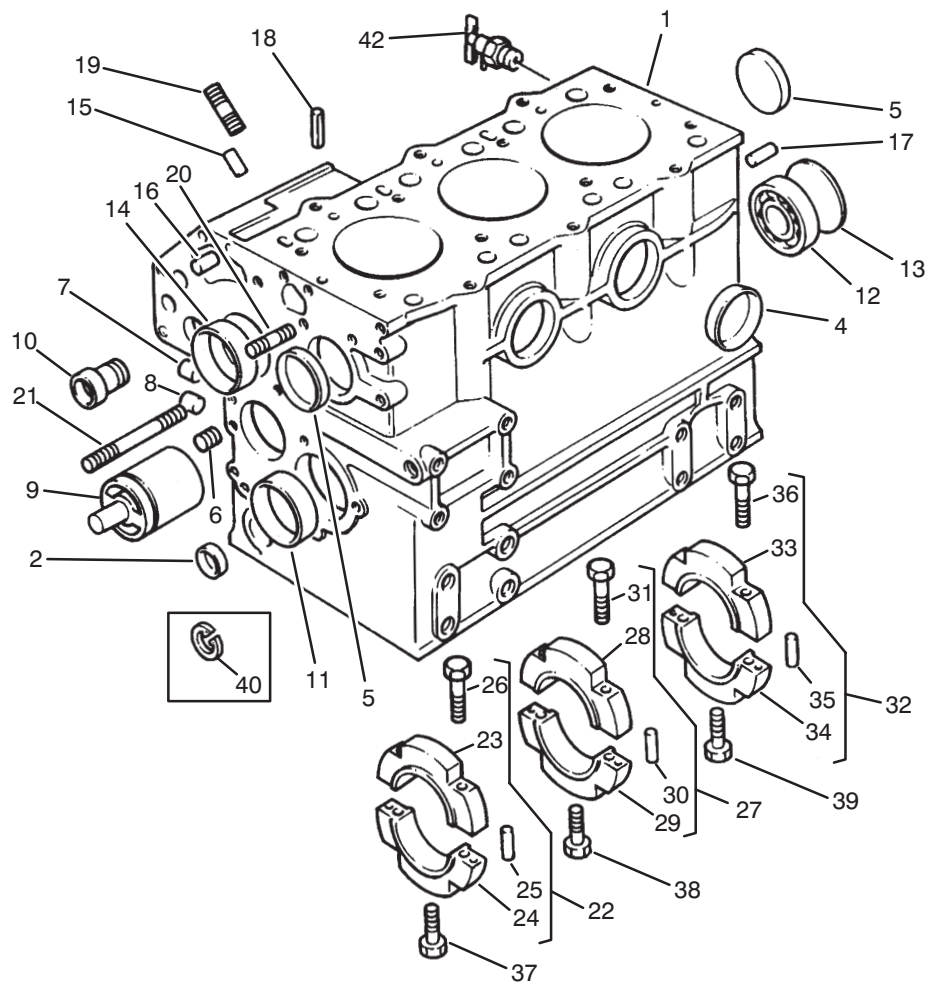
†Not Serviced Separately



T-2273-3

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	95-0535	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	94-8191	Clamp - Hose	5
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
				47	94-8189	Clamp - Hose	1



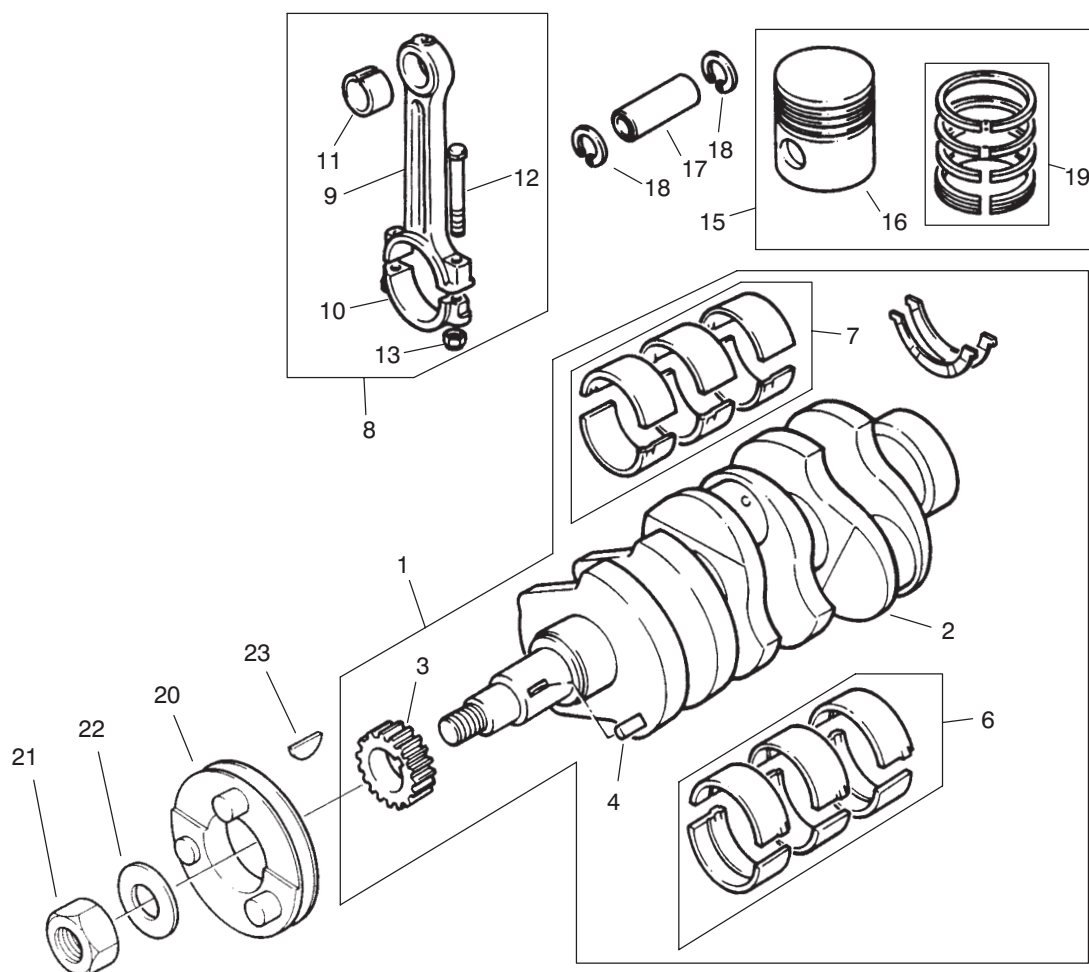
T-1377-1

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



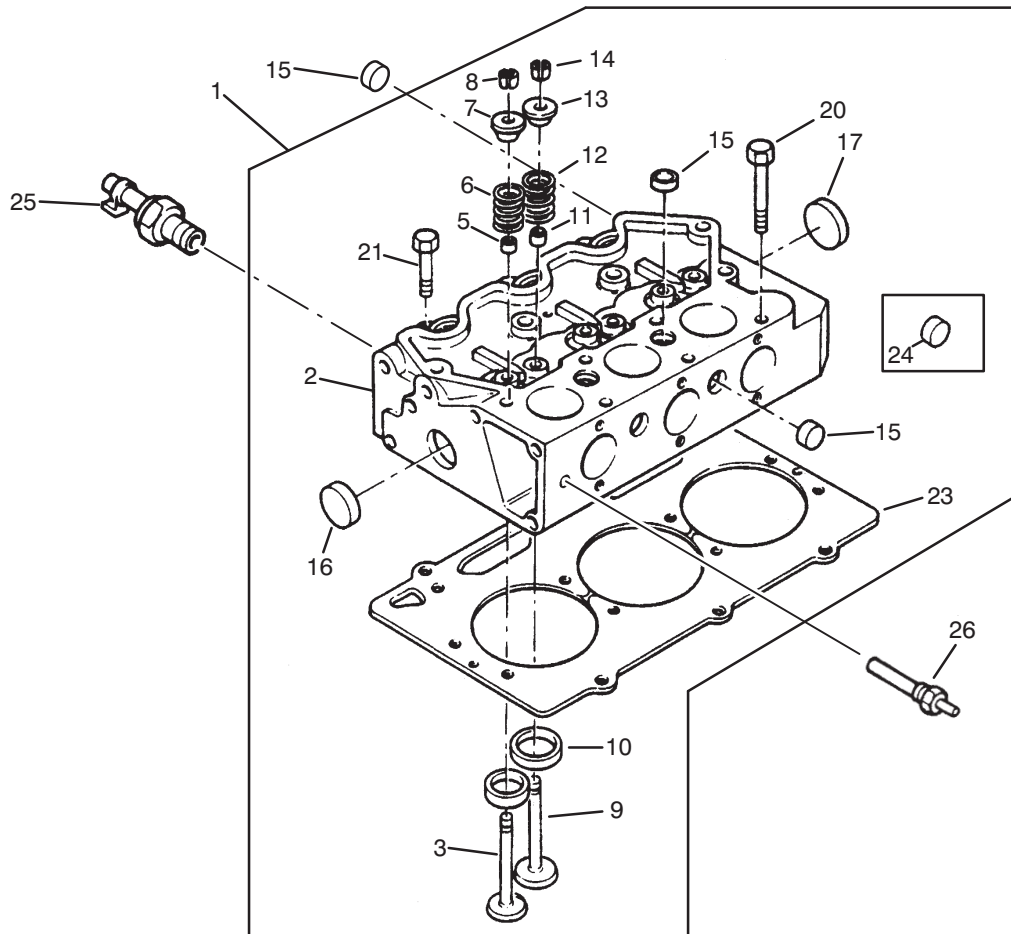
T-2174-3

CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	115236020	Kit – Crankshaft (Incl. Ref. #2)	1	13	020109103	Nut	2
2		Crankshaft	1	14	115017090	Kit – Piston, Std.	3
3	115276210	Gear	1	*	115017100	Kit – Piston, 0.5mm o/s	1
4	030509020	Key	1	15	115016960	Kit – Piston, Std. (Incl. Ref. #16)	1
6	198586030	Kit – Bearing, Std.	1	*	115016970	Kit – Piston, 0.5mm o/s (Incl. Ref. #16)	1
*	198586034	Kit – Bearing, 0.25mm u/s	1	16		Piston	1
*	198586037	Kit – Bearing, 0.50mm u/s	1	17	115326260	Pin	1
7	198586060	Kit – Bearing, Std.	1	18	036500019	Circlip	2
*	198586064	Kit – Bearing, 0.25mm u/s	1	19	115107400	Kit – Piston Ring, Std.	1
*	198586067	Kit – Bearing, 0.50mm u/s	1	*	115107410	Kit – Piston Ring, 0.5mm o/s	1
8	115026240	Connecting Rod Assembly (Incl. Ref. # 9 & 10)	3	20	115396742	Pulley	1
9		Rod	1	21	020800018	Nut	1
10		Cap	1	22	026200018	Washer	1
11	198517325	Bushing	1	23	134100508	Key	1
12	115176130	Screw	2				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



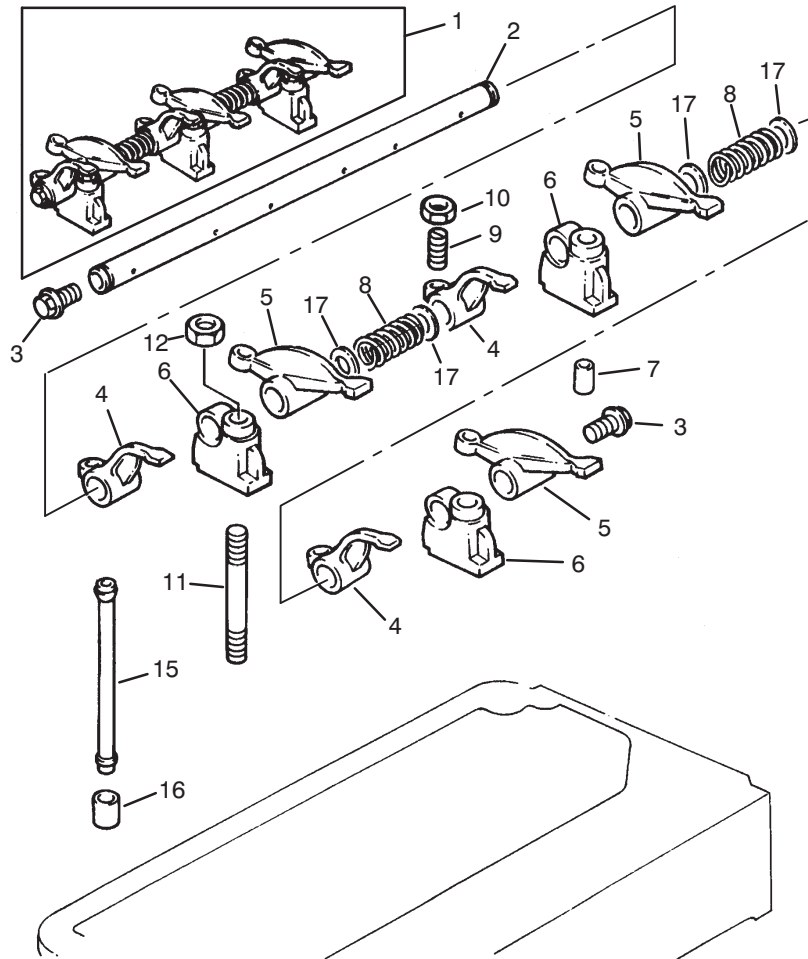
T-2175-1

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

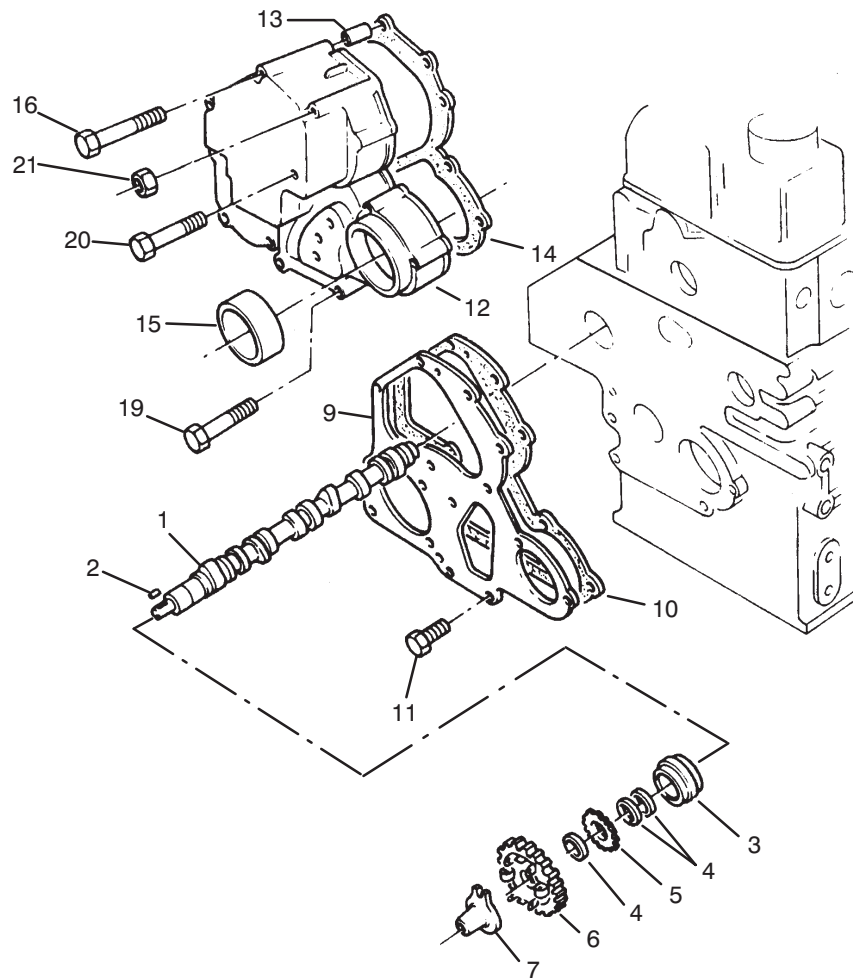


T-1380-1

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.

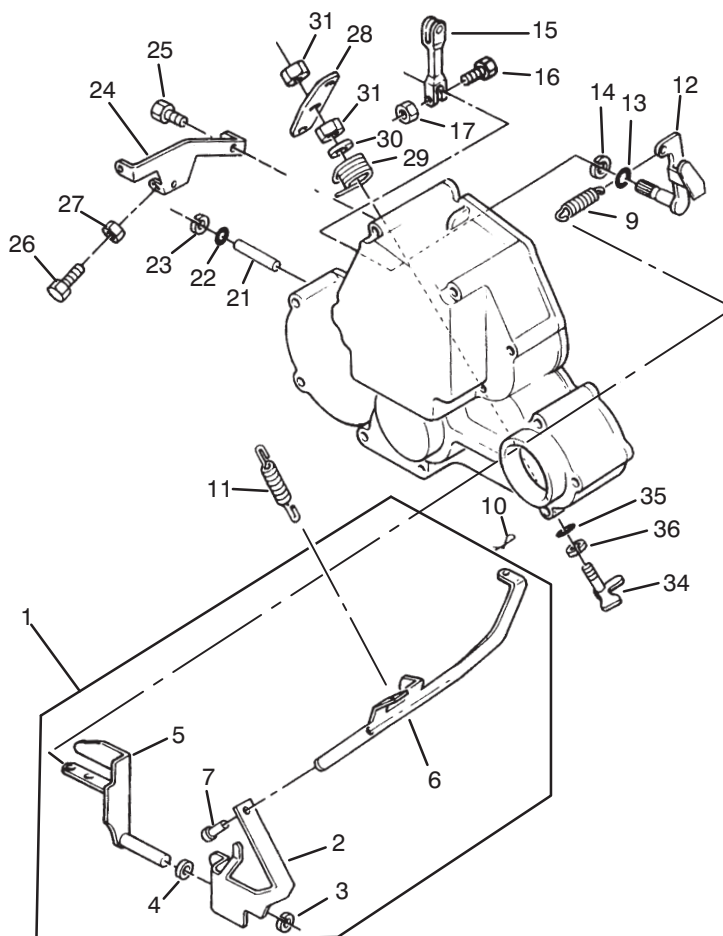


T-1381-1

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.

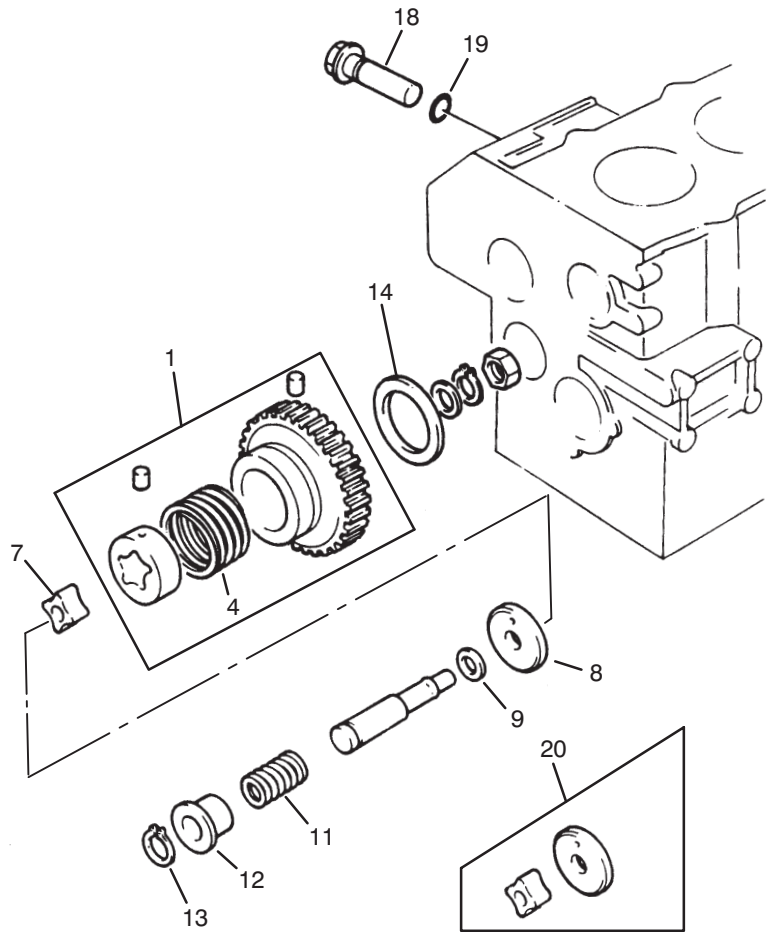


T-1382-1

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.

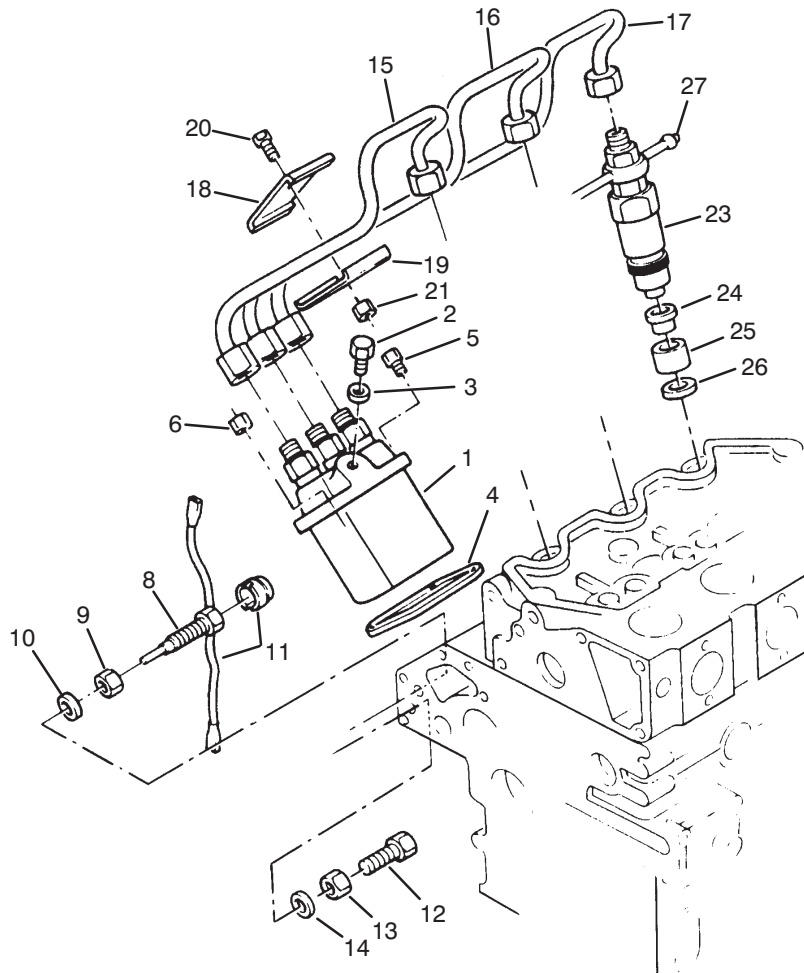


T-1383-1

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



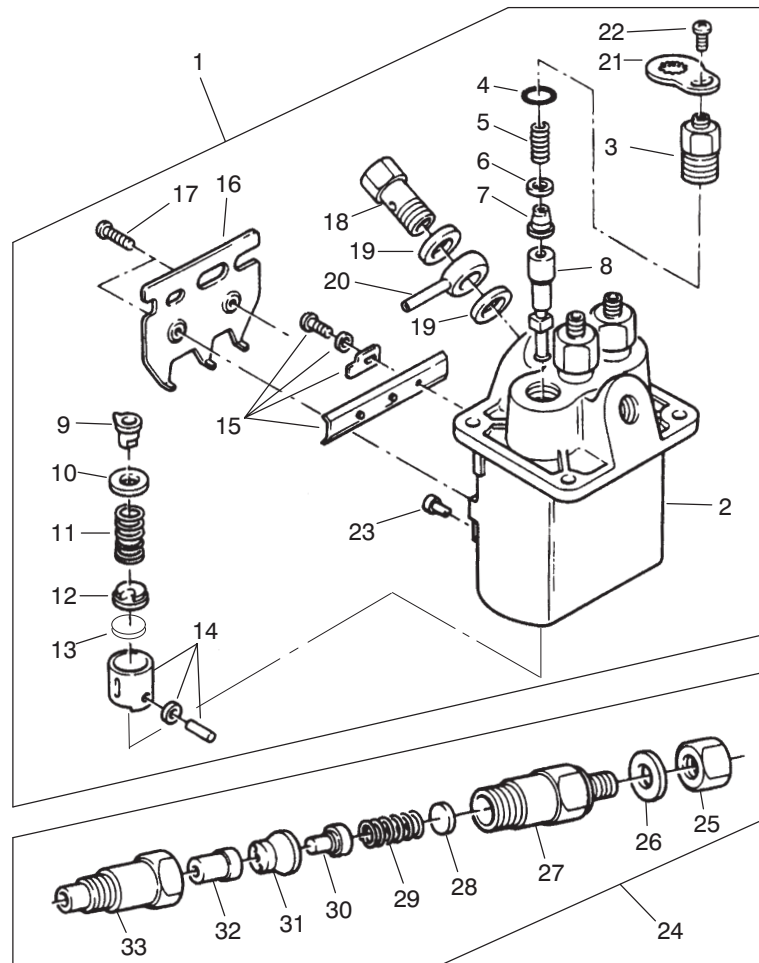
T-1384-1

FUEL INJECTION SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	131017610	Injection Pump	1	14	025100010	Washer	1
2	131236280	Screw	1	15	131507010	Injection Pipe No. 1 Cyl.	1
3	025100006	Washer	1	16	131507020	Injection Pipe No. 2 Cyl.	1
4	131426300	Shim	1	17	131507030	Injection Pipe No. 3 Cyl.	1
5	011300620	Screw	2	18	199106020	Damper	2
6	023100006	Nut	2	19	199106020	Damper	2
8	131046160	Screw	1	20	010100625	Screw	2
*	131046110	Screw	1	21	023100006	Nut	2
9	023109002	Nut	1	23	131406340	Atomiser	3
10	025100010	Washer	1	24	131426200	Gasket	3
11	198236030	Wire	1	25	111316280	Insert	3
12	010109271	Screw	1	26	198996090	Seal	3
13	023109002	Nut	1	27	131606260	Pipe	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



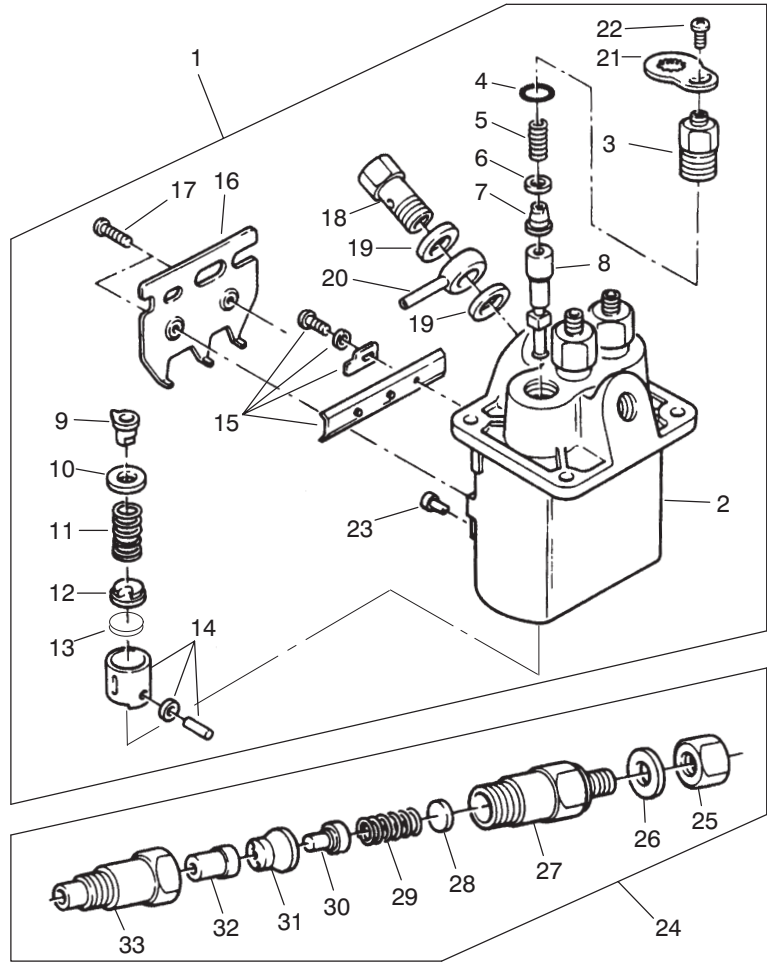
T-2176-2

INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	131017610	Injection Pump	1	14	131256120	Tappet	3
2	131296665	Housing	1	15	131296636	Rack	1
3	131196120	Holder	3	16	131296650	Bracket	1
4	131226170	Seal – O–Ring	3	17	131136320	Screw	2
5	131176430	Spring	3	18	131236190	Bolt	1
6	131186050	Gasket	3	19	131426180	Washer	2
7	131156160	Valve	3	20	131246130	Nipple	1
8	131116410	Plunger	3	21	131296662	Plate	3
9	131296951	Sleeve	3	22	131136330	Screw	3
10	131296620	Seat	3	23	131296651	Pin	3
11	131176440	Spring	3	24	131406340	Atomiser	3
12	131296621	Seat	3	25	131446069	Nut	1
13	131296622	Plate – 1.85 mm	A/R	26	131426210	Washer	1
*	131296623	Plate – 1.90 mm	A/R	27	131446065	Body	1
*	131296624	Plate – 1.95 mm	A/R	28	131437250	Shim, 0.90mm o/s	1
*	131296625	Plate – 2.00 mm	A/R	*	131437251	Shim, 0.925mm o/s	1
*	131296626	Plate – 2.05 mm	A/R	*	131437252	Shim, 0.95mm o/s	1
*	131296627	Plate – 2.10 mm	A/R	*	131437253	Shim, 0.975mm o/s	1
*	131296628	Plate – 2.15 mm	A/R	*	131437354	Shim, 1.00mm o/s	1
*	131296629	Plate – 2.20 mm	A/R	*	131437255	Shim, 1.025mm o/s	1
*	131296630	Plate – 2.25 mm	A/R	*	131437256	Shim, 1.05mm o/s	1
*	131296631	Plate – 2.30 mm	A/R	*	131437257	Shim, 1.075mm o/s	1
*	131296632	Plate – 2.35 mm	A/R	*	131437258	Shim, 1.10mm o/s	1
*	131296633	Plate – 2.40 mm	A/R	*	131437259	Shim, 1.125mm o/s	1
*	131296634	Plate – 2.45 mm	A/R	*	131437260	Shim, 1.15mm o/s	1
*	131296635	Plate – 2.50 mm	A/R	*	131437261	Shim, 1.175mm o/s	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated

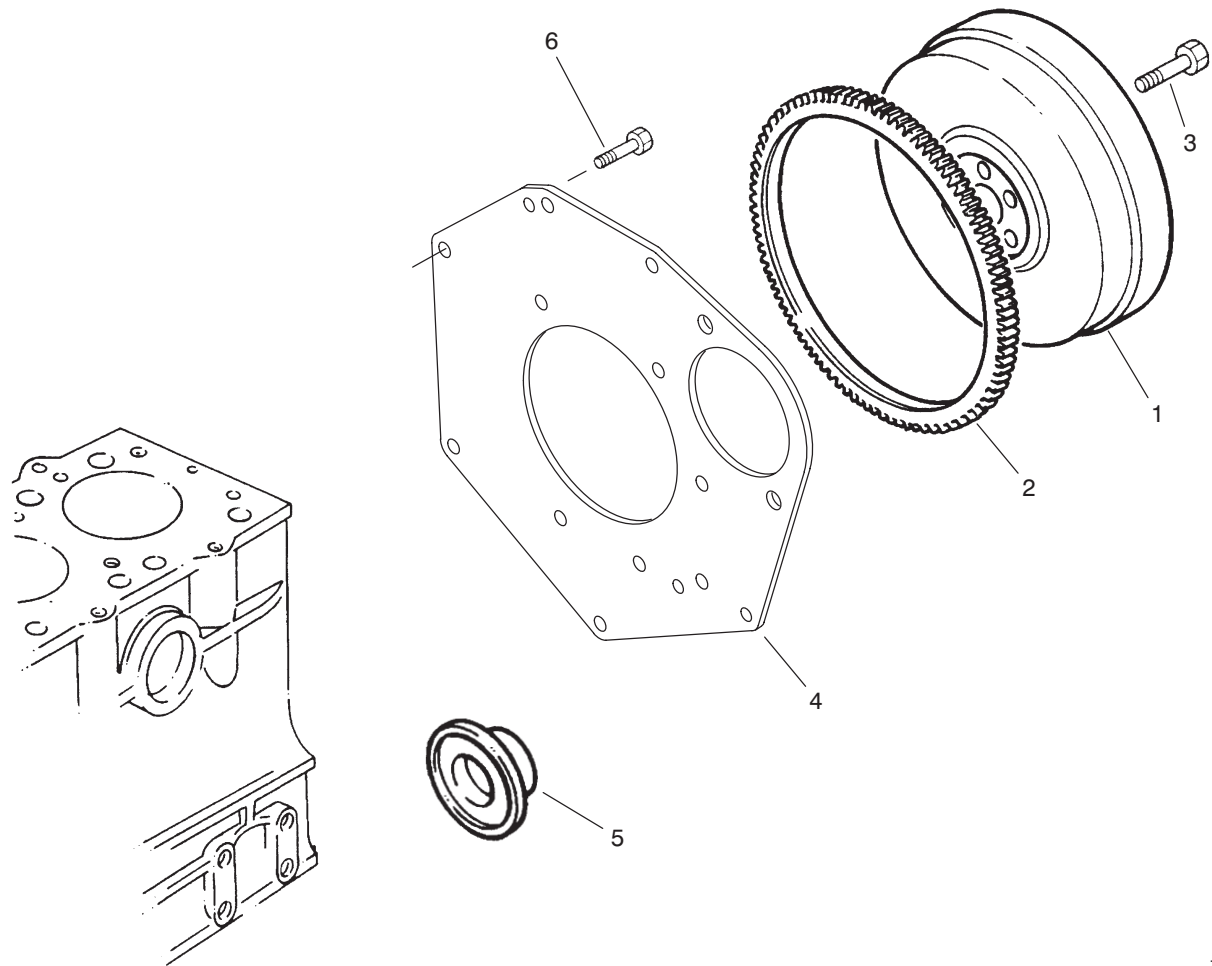


T-2176-2

INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
*28	131437262	Shim, 1.20mm o/s	1	29	131446066	Spring	1
*	131437263	Shim, 1.225mm o/s	1	30	131446070	Pin	1
*	131437264	Shim, 1.250mm o/s	1	31	131446068	Spacer	1
*	131437265	Shim, 1.275mm o/s	1	32	131416150	Nozzle	1
*	131437266	Shim, 1.30mm o/s	1	33	131446067	Nut	1
*	131437267	Shim, 1.325mm o/s	1				
*	131437268	Shim, 1.35mm o/s	1				
*	131437269	Shim, 1.375mm o/s	1				
*	131437270	Shim, 1.40mm o/s	1				
*	131437271	Shim, 1.425mm o/s	1				
*	131437272	Shim, 1.45mm o/s	1				

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

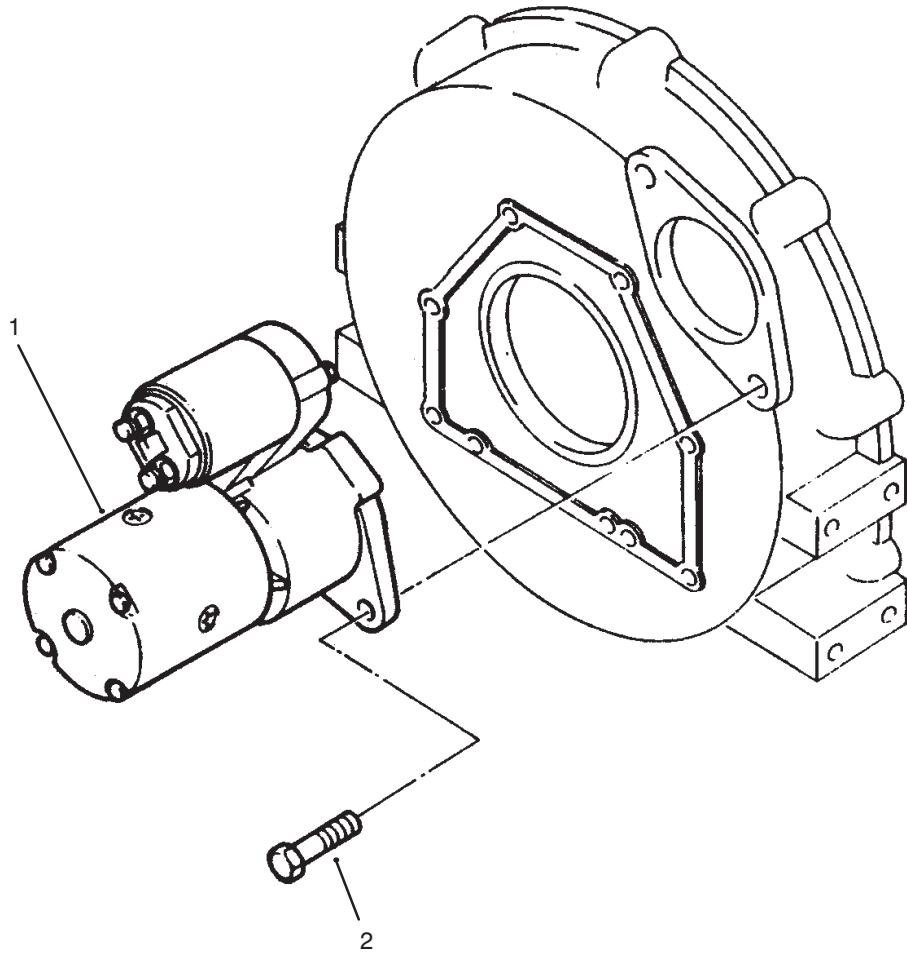


T-1387-3

FLYWHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	115357190	Flywheel	1	4	110366400	Plate	1
2	115376150	Gear - Ring	1	5	198636080	Seal	1
3	010109330	Screw	4	6	011310816	Screw	10
PROTOTYPE							

NOTE: Obtain replacement parts from your local Perkins Dealer.

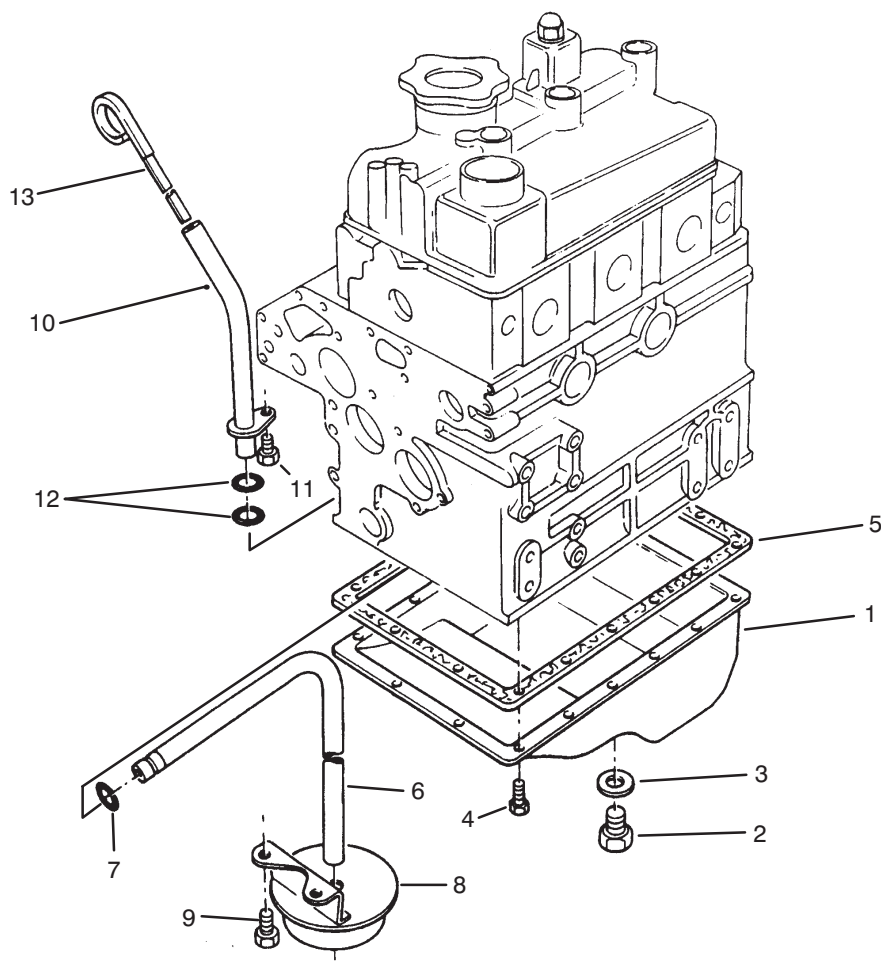


T-2191-1

STARTER INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	185086400	Starter Motor	1	2	011401020	Screw	2
PROTOTYPE							

NOTE: Obtain replacement parts from your local Perkins Dealer.



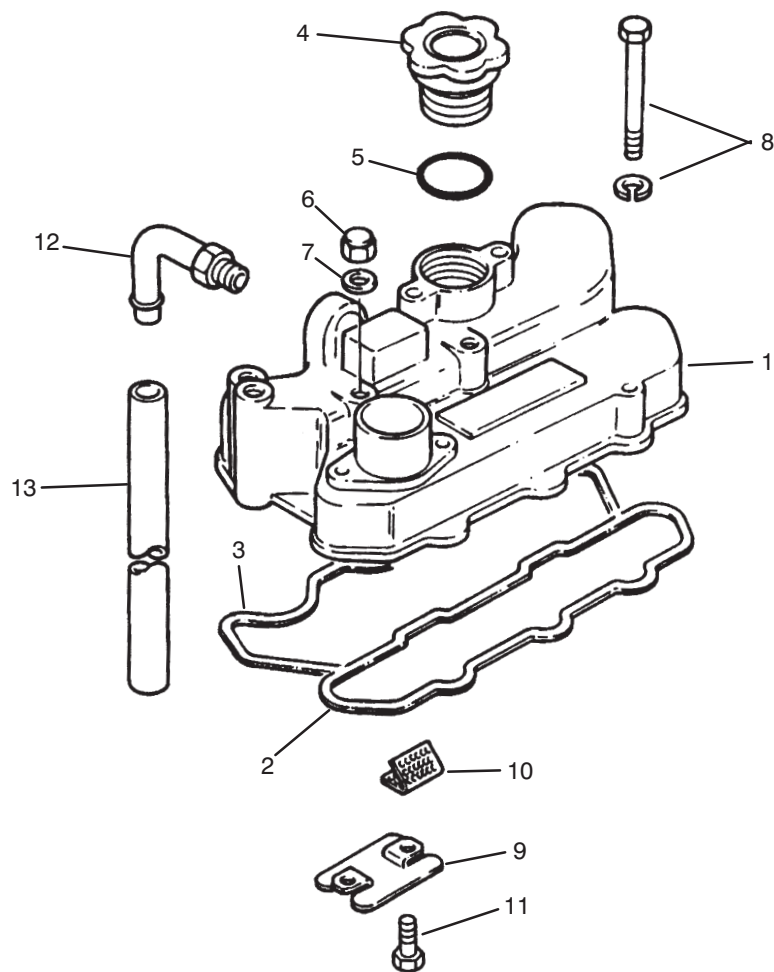
T-1390-1

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



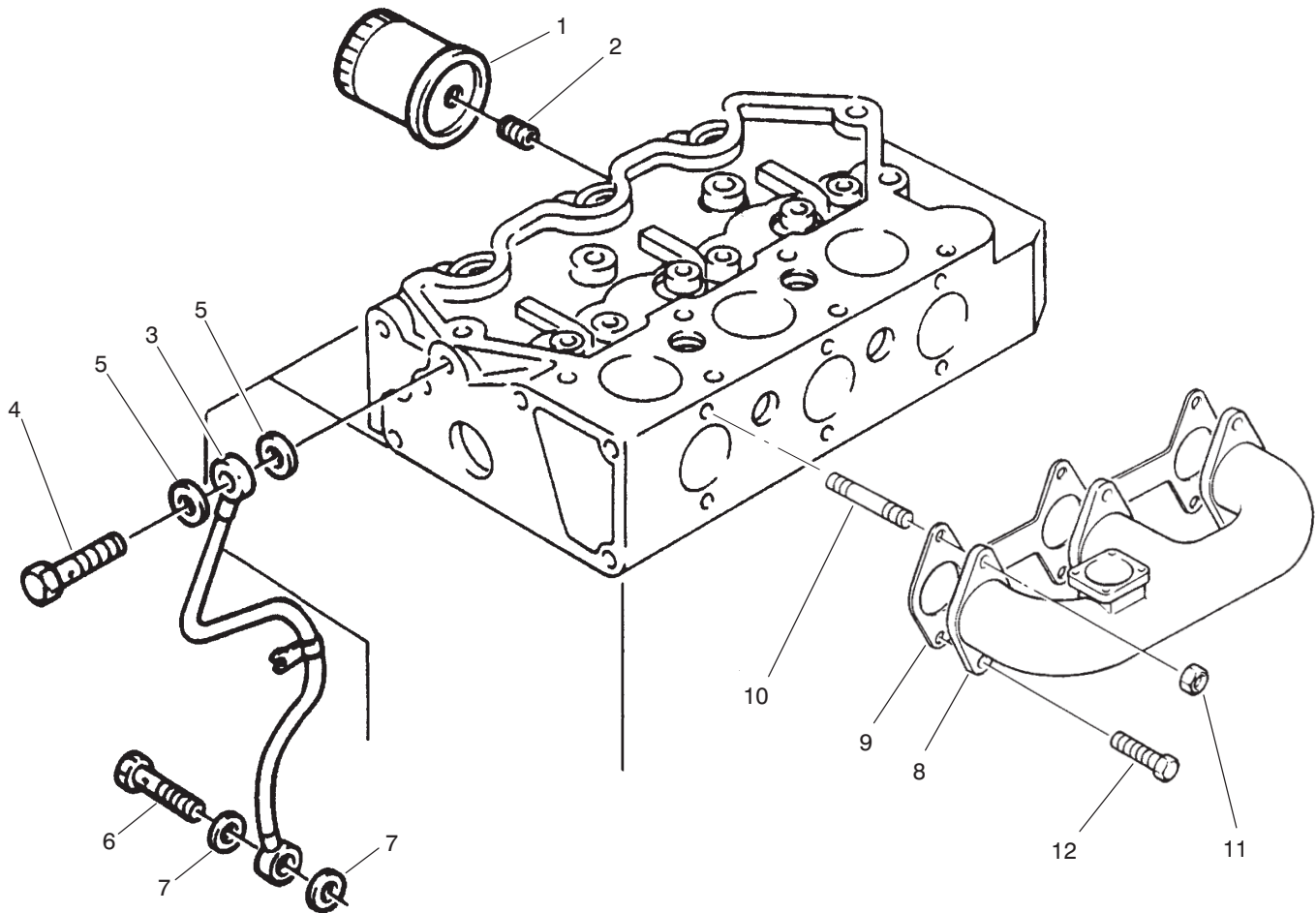
T-1391-1

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



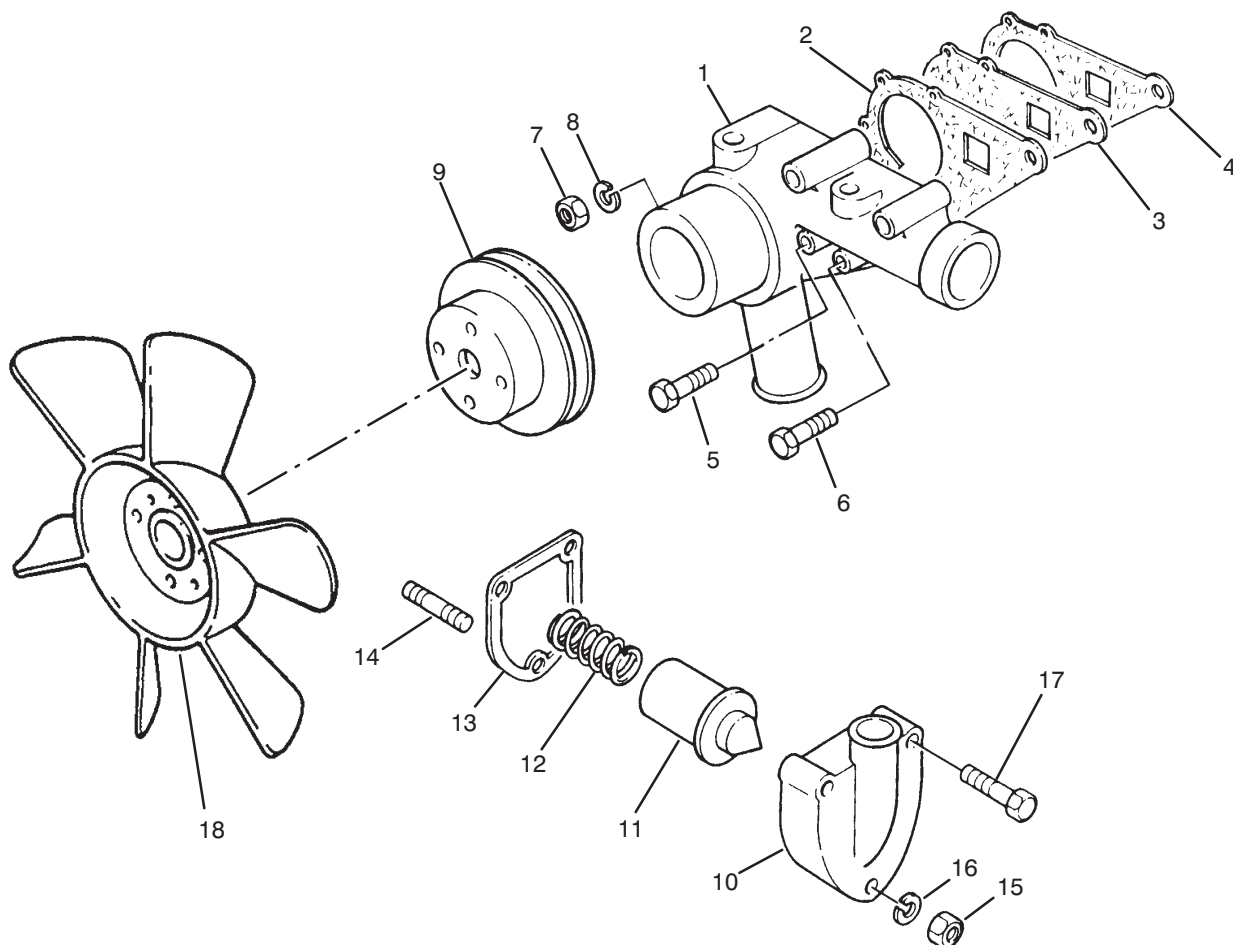
T-1392-2

OIL FILTER & EXHAUST MANIFOLD ASSEMBLIES

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	140516190	Filter – Oil	1	7	198996060	Washer	2
2	140546020	Connection	1	8	135616620	Manifold – Exhaust	1
3	140606680	Pipe	1	9	135996520	Gasket	1
4	198486780	Bolt	1	10	012110625	Stud	3
5	198996060	Washer	2	11	023100006	Nut	3
6	198486780	Bolt	1	12	011310625	Screw	3

PROTOTYPE

NOTE: Obtain replacement parts from your local Perkins Dealer.

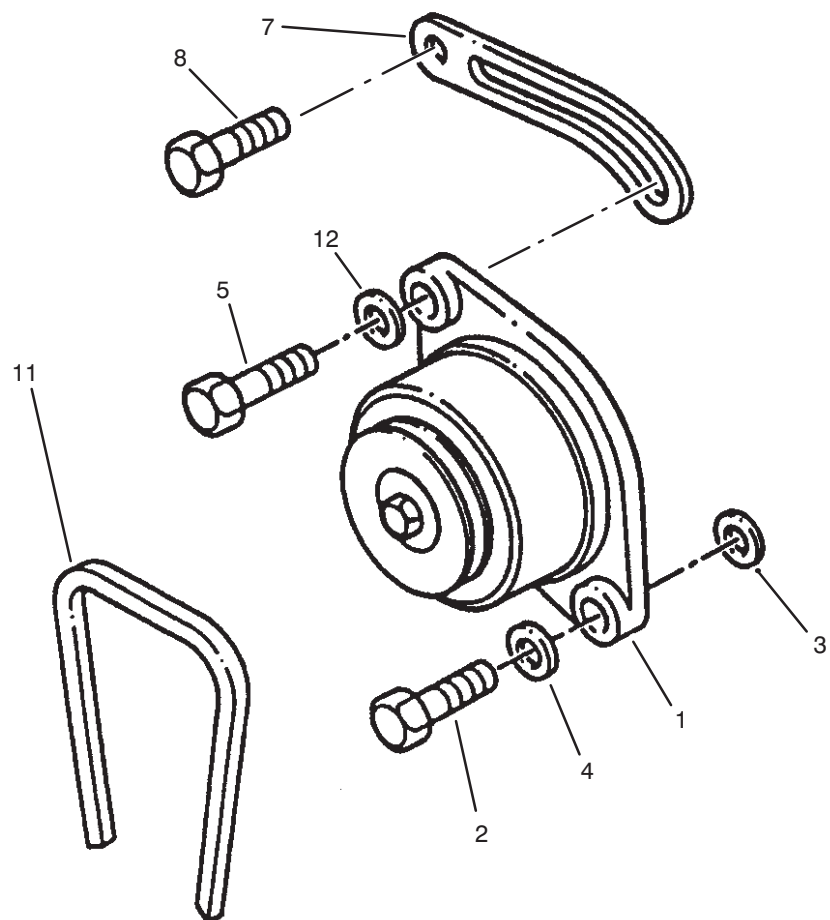


T-2454-1

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	145017400	Pump – Water	1	10	145216161	Housing	1
2	145996430	Gasket	1	11	145206062	Thermostat	1
3	145146270	Backplate	1	12	198217410	Spring	1
4	145996420	Gasket	1	13	145996440	Gasket	1
5	011300635	Screw	3	14	012100650	Stud	1
6	011300650	Screw	4	15	023100006	Nut	1
7	023100006	Nut	1	16	027100006	Washer	1
8	027100006	Washer	1	17	011300650	Screw	2
9	145336490	Pulley	1	18	145306590	Fan	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



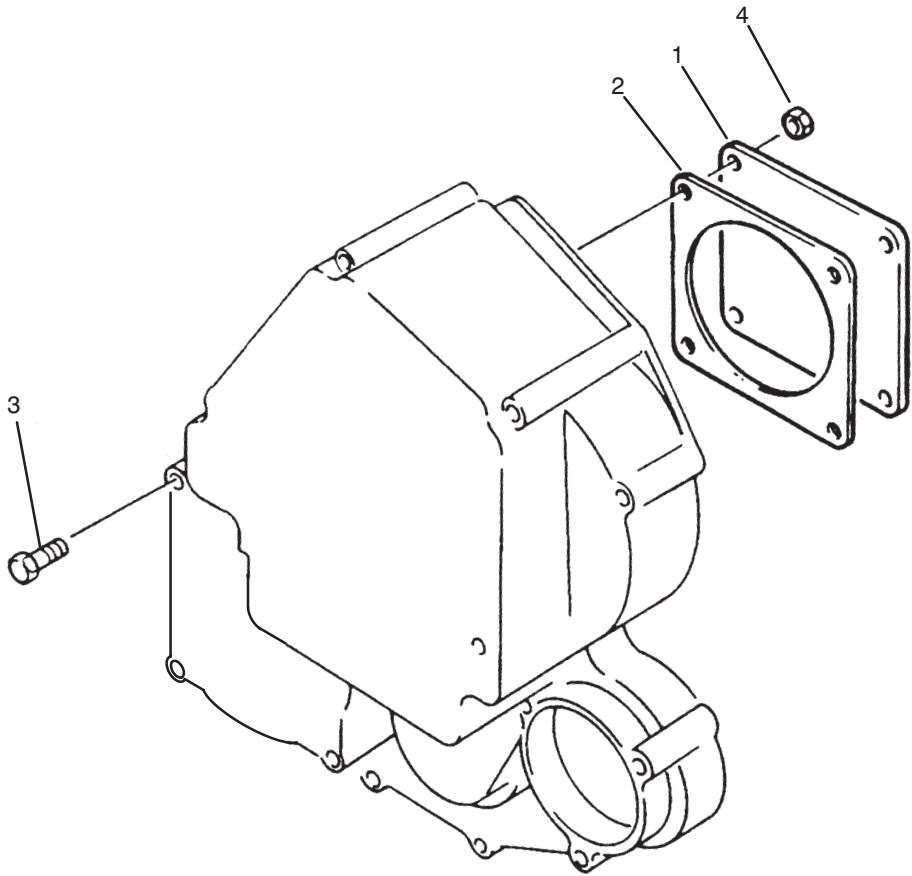
T-2192-1

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.

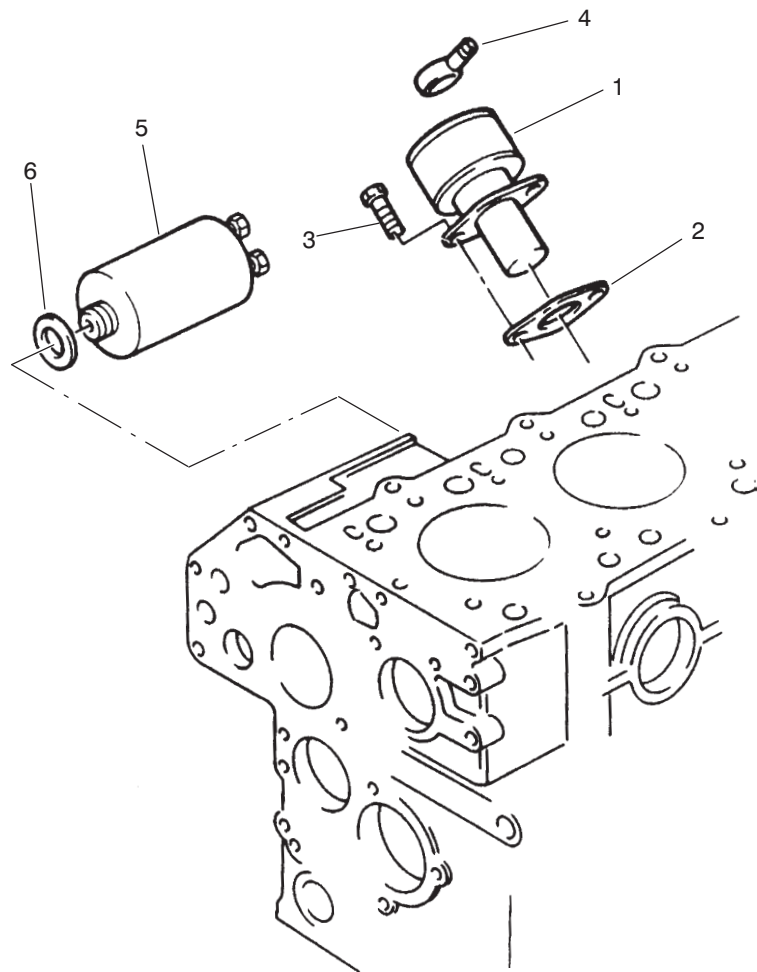


T-1398-1

TIMING COVER PLATE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	165206360	Plate	1	3	010110850	Screw	4
2	165996420	Gasket	1	4	023100008	Nut	4
PROTOTYPE							

NOTE: Obtain replacement parts from your local Perkins Dealer.

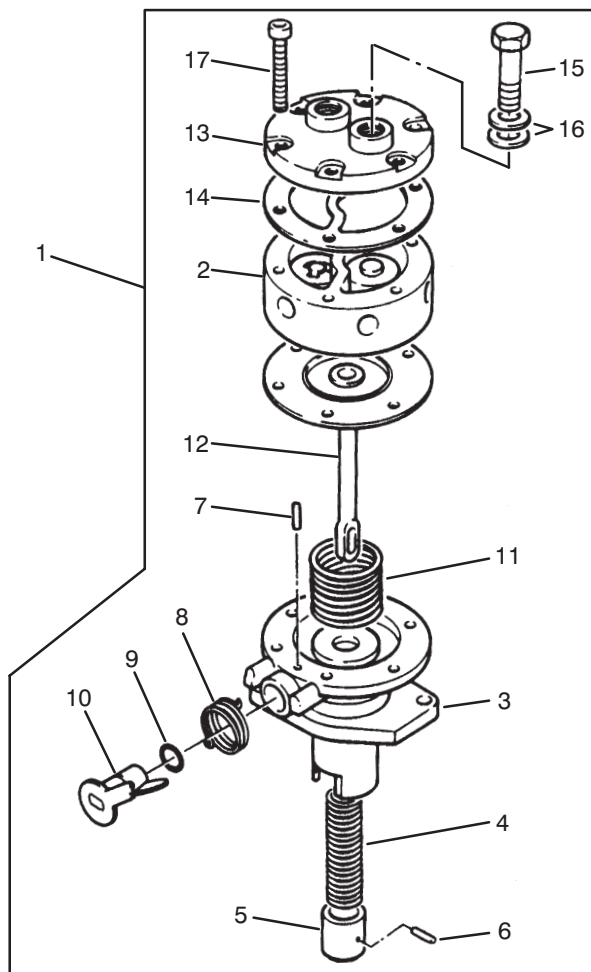


T-2179-2

**LOW PRESSURE FUEL SYSTEM & THROTTLE STOP
ASSEMBLIES**

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	130506140	Pump – Lift	1	4	198486840	Connection	2
2	130996070	Gasket	1	5	185206082	Solenoid	1
3	011140616	Screw	2	6	025100016	Washer	1
PROTOTYPE							

NOTE: Obtain replacement parts from your local Perkins Dealer.

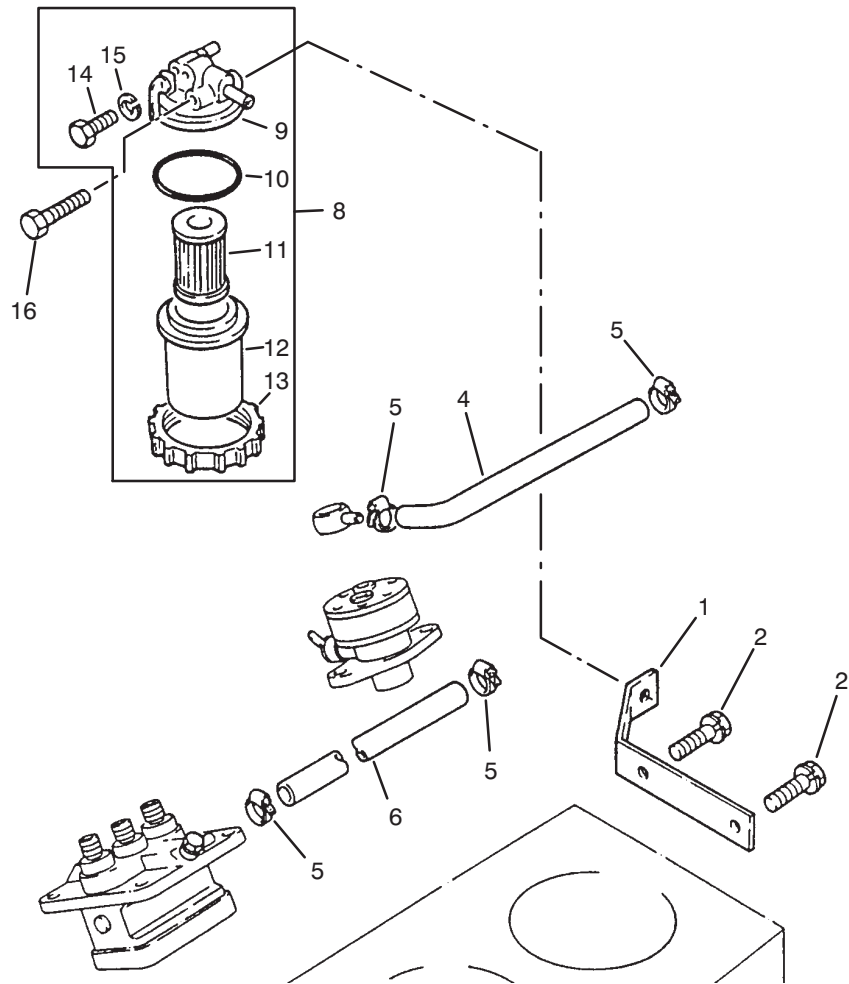


T-2455-1

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.

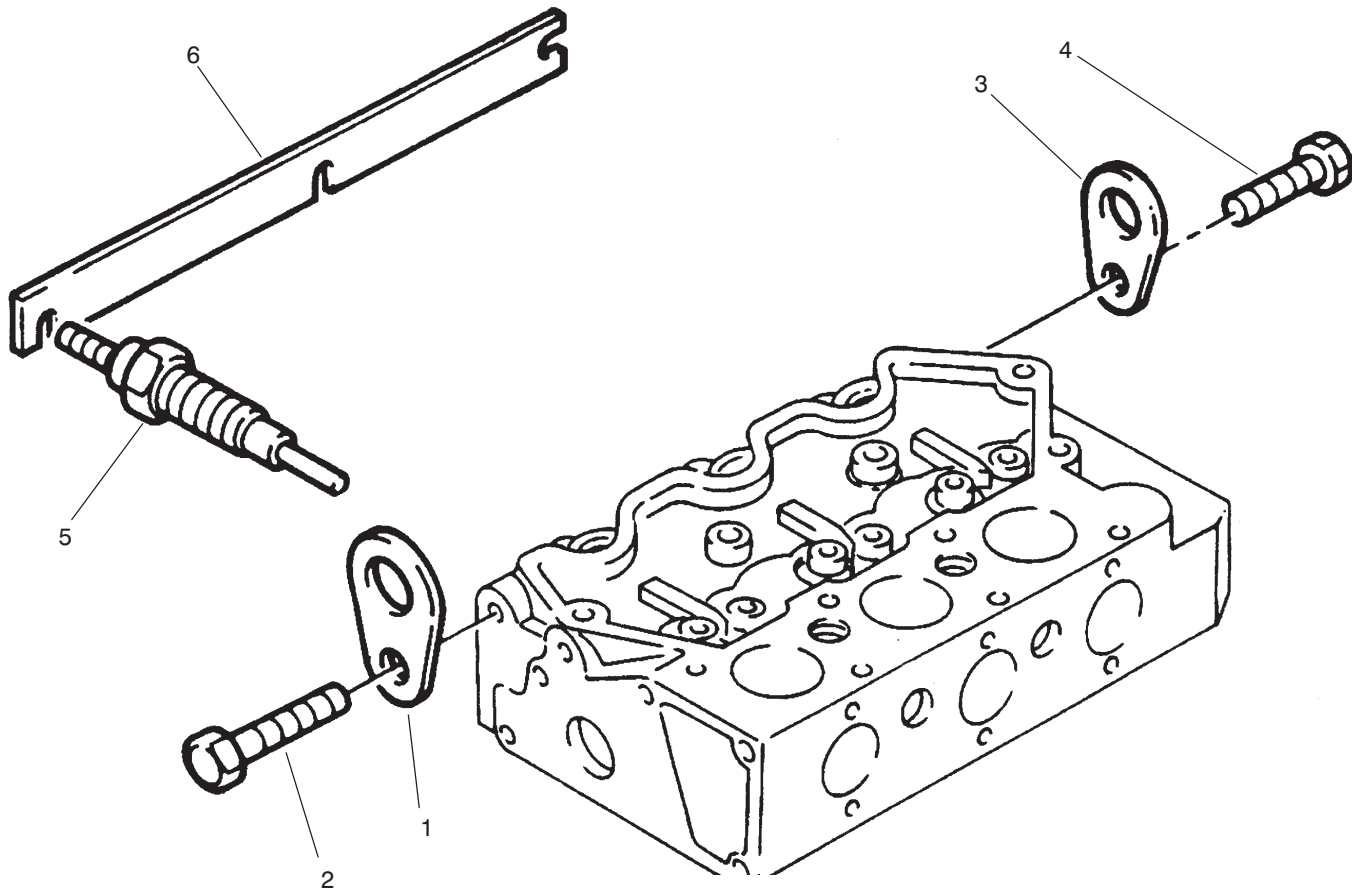


T-2180-1

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.

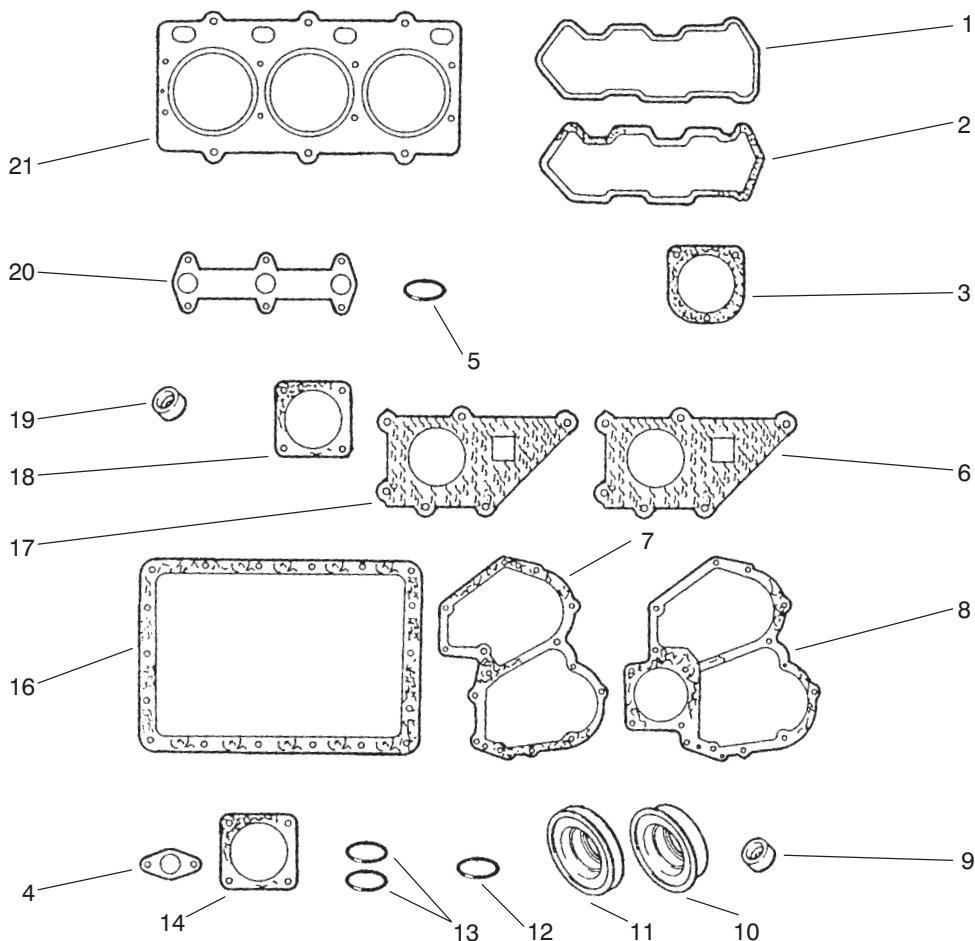


T-1404-2

ENGINE LIFTING TAB & COLD START ASSEMBLIES

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	195816200	Plate	1	4	011310816	Screw	1
2	011310816	Screw	1	5	185366190	Heater	3
3	195816200	Plate	1	2	185376170	Bar	1
PROTOTYPE							

NOTE: Obtain replacement parts from your local Perkins Dealer.



T-1970-2

GASKET AND SEALS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	111996060	Gasket	1	12	052109076	O-Ring	1
2	111996330	Gasket	1	13	052100100	O-Ring	2
3	145996440	Gasket	1	14	165996420	Gasket	1
4	130996070	Gasket	2	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				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated

TORO PART NUMBER INDEX

3318-613

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
2844	Washer	22 36 3	75-2010	Cartridge - Relief 2000 psi	14 8 1
3-6498	Washer - Thrust	22 12 1	75-2080	Seal Kit	14 * 5
5-3934	Bolt	7 5 1	75-2090	Seal Kit	14 * 1
10-6060	Pin - Ram Pivot	27 5 2	75-3420	Lever - Control	10 7 1
10-6821	Brake Drum Assembly	3 * 2	75-5470	Spacer	22 15 1
10-6830	Stud - Drive	7 28 4	75-5470	Spacer	11 17 1
10-6850	Drum - Brake	3 3 2	75-9440	Hub - Wheel	7 6 1
10-6870	Hub - Wheel	3 24 2	76-0810	Housing Assembly	4 * 1
10-7880	Hinge - Upper	1 11 1	76-0840	Manifold	4 22 1
10-7890	Hinge - Lower	1 12 1	76-0850	Bearing - Thrust	4 12 1
17-9420	Screw - Handle	2 18 1	76-0860	Shaft - Coupling	4 11 1
18-6320	Washer - Steering	7 3 3	76-0870	Plate - Wear	4 18 1
18-6380	Pin	22 18 1	76-0880	Commutator Assembly	4 * 1
26-3790	Nut - Lock	3 14 2	76-0940	End Cover Assembly	4 24 1
27-2360	Switch - Ignition	10 13 1	76-6070	Rotating Kit Assembly	21 11 1
27-6600	Spacer - Coupling	19 9 4	76-6080	Seal - Cover	21 5 1
28-3680	Tire	3 2 2	76-6090	Cover - Trunion	21 25 1
28-3680	Tire	7 7 1	76-6100	Cover - Trunion O-Ring	21 26 1
33-3720	Washer	21 33 1	76-6140	O-Ring	21 27 1
33-3750	Race - Inner	21 28 1	76-6150	Pin - Dowel	21 15 2
39-2080	Dump Valve Assembly	21 21 1	76-6160	Screw - Cap	21 23 2
41-4430	Plate - Washer	30 21 3	76-6170	Screw - Cap	21 22 2
42-2720	Seal - Shaft	21 34 1	76-6180	Washer	21 7 2
43-6280	Button - Push	10 28 1	76-6190	Seal - Shaft	21 6 1
43-6420	Bezel	10 29 1	76-6200	Spring	21 19 2
47-2890	Bushing	5 12 2	76-8870	Lever Damper Assembly	22 4 1
47-6990	Nut - Steering Wheel	5 6 1	80-8650	Coupling - Rubber	19 8 1
48-9510	Nut - Lock	23 24 1	81-1690	Clamp - Throttle Cable	30 33 1
49-6440	Pedal - Accelerator	2 4 1	83-0730	Spacer - Lockup	5 8 1
56-2230	Hose - Fuel	16 24 1	83-0740	Disc - Friction	5 4 2
56-2520	Fitting - Fuel Shut Off	16 9 1	83-0760	Spacer - Lockup	5 3 1
60-3520	O-Ring	19 2 1	83-1030	Mount - Engine	30 18 3
60-6330	Screw	21 4 4	83-1420	Steering Column Assembly	5 15 1
63-2290	Washer - Thrust	29 19 1	83-1700	Bushing - Flange	1 15 3
63-8360	Key - Ignition	10 6 2	84-2000	Bracket - Brake	3 6 2
63-9750	Mount - Rubber	22 35 3	85-6540	Stud - Drive	3 25 8
65-6390	Washer - Thrust	5 24 1	85-9190	Plate - Control	10 10 1
65-8320	Bar - Gauge	27 * 1	85-9720	Fitting - Hydraulic	29 17 1
66-2490	Retainer - Battery	15 7 1	86-5390	Kit - Seal, Repair	28 * 1
66-2750	Battery	15 6 1	86-5390	Kit - Seal, Repair	30 *
66-2950	Gauge - Hour Meter	10 4 1	88-7200	Washer - Pivot	22 7 1
66-3240	Cap - Radiator	18 30 1	88-9190	Solenoid - 20 Watt	14 1 4
66-8800	Relay - Glow Plug	15 11 1	92-2538	Timer - Glow Plug	10 17 2
68-3270	Bumper	15 28 2	92-3154	Tab - Throttle	30 24 1
68-5130	Wheel - Steering	5 5 1	92-3188	Diode - Circuit Board	10 15 1
68-5140	Cap - Steering Wheel	5 27 1	92-3188	Diode - Circuit Board	15 39 1
68-6150	Breather - Air	17 20 1	92-5753	Clamp - Hose Double	15 26 2
69-4240	Seal Kit	14 * 1	92-5753	Clamp - Hose, Double	30 42 1
69-9000	Spacer	25 10 4	92-5838	Ball Joint	7 10 2
69-9000	Spacer	24 12 4	92-6280	Seat	8 1 1
69-9010	Washer	25 9 8	92-6315	Cartridge - N.C.	14 9 1
69-9010	Washer	24 11 8	92-8020	Adapter - Breather	17 36 1
70-1240	Plug Assembly	21 18 2	92-8795	Assembly - Body	26 10 1
70-1480	Relay	15 1 8	92-8796	Pin - Dowel	26 14 2
70-9840	Shoe - Brake	3 27 4	92-8863	Repair Kit	26 * 1
70-9850	Clip - Retaining	3 29 2	92-8990	Adjuster - Seat	8 13 1
70-9860	Cam - Brake	3 26 2	92-8991	Adjuster w/Latch	8 14 1
70-9870	Plate - Backing	3 28 2	92-8995	Bushing - Straight	29 5 2
70-9880	Spring - Return	3 4 4	92-8995	Bushing - Straight	27 25 4
71-1500	Brake Assembly	3 * 2	92-9199	Hydraulic Motor - Wheel	3 10 2
72-9760	Switch - Override	10 16 1	92-9761	Link - Drive	4 13 7
74-0720	Tube - Manual	8 16 1	92-9762	Screw - Cap Hex. Hd.	4 14 1
74-3730	Spacer - Cylinder	7 20 2	92-9763	Rotor Set	4 * 1
74-3730	Spacer - Cylinder	27 40 2	92-9775	Warning Light Cluster	10 5 1
74-3810	Assembly - Load Plate	26 9 1	93-1375	Reel Motor	25 5 1
74-5950	Latch - Swell	18 11 2	93-1375	Reel Motor	24 13 2
74-9100	Pad - Pedal Forward	2 3 1	93-2010	Frame	1 4 1
74-9110	Pad - Pedal Reverse	2 2 1	93-2016	Hose - Radiator	18 23 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
93-2018	Hose - Radiator	18 17 1	93-2256	Hose Assembly	27 4 1
93-2020	Bracket - Support	30 14 1	93-2256	Hose Assembly	13 25 1
93-2031	Hose - Radiator	18 2 1	93-2256	Hose Assembly	15 35 1
93-2035	Hose - Air Cleaner	23 18 1	93-2258	Hose Assembly	29 20 1
93-2035	Hose - Air Cleaner	15 34 1	93-2258	Hose Assembly	13 24 1
93-2035	Hose - Air Cleaner	18 34 1	93-2259	Hose Assembly	25 4 2
93-2036	Clamp - Air Hose	15 27 1	93-2260	Hose - Expansion Tank	16 5 1
93-2042	Hose - Fuel	30 10 1	93-2260	Hose - Expansion Tank	18 25 1
93-2043	Hose - Fuel	30 9 1	93-2262	Hose Assembly	24 15 2
93-2048	Cap - Overflow Tank	16 19 1	93-2263	Hose Assembly	24 17 2
93-2049	Tank - Overflow	16 21 1	93-2264	Hose Assembly	24 14 2
93-2050	Screen	18 10 1	93-2269	Hose Assembly	7 16 1
93-2055	Reed Switch - Sensor	11 9 2	93-2269	Hose Assembly	15 30 1
93-2056	Reed Switch - Actuator	11 10 1	93-2269	Hose Assembly	5 32 1
93-2058	Bracket - Traction	11 15 1	93-2270	Hose Assembly	7 14 1
93-2064	Spring - Detent	11 16 1	93-2270	Hose Assembly	15 29 1
93-2068	Hose - Pump Inlet	17 31 1	93-2270	Hose Assembly	5 33 1
93-2069	Rod - Brake	3 12 2	93-2271	Hose Assembly	13 13 1
93-2069	Rod - Brake	1 14 2	93-2271	Hose Assembly	5 34 1
93-2070	Clevis - Swivel	3 21 2	93-2272	Hose Assembly	13 14 1
93-2072	Shield - Wheel RH	1 17 1	93-2272	Hose Assembly	5 30 1
93-2073	Shield - Wheel LH	1 16 1	93-2275	Screen - Filler	17 17 1
93-2075	Brake Pedal	1 21 1	93-2276	Spring - Brake Latch	1 2 1
93-2085	Rod	2 1 1	93-2279	Clamp - Cable	11 2 1
93-2092	Clamp - Cable	2 31 1	93-2279	Clamp - Cable	2 34 1
93-2096	Lever - Brake	3 13 2	93-2298	Hose - Fuel	16 23 1
93-2099	Cable - Traction Control	2 16 1	93-2298	Hose - Fuel	30 35 1
93-2099	Cable - Traction Control	22 29 1	93-2299	Fitting - Fuel	16 11 1
93-2111	Stud - Traction	22 13 1	93-2300	Radiator	18 4 1
93-2115	Steering Arm	5 19 1	93-2320	Shroud - Fan	18 19 1
93-2120	Steering Control Valve	5 23 1	93-2322	Cable - Throttle Control	30 40 1
93-2122	Cylinder Asm - Steering	7 13 1	93-2322	Control - Throttle	10 9 1
93-2123	Bracket - Fuse Block	15 19 1	93-2340	Harness - Wire	10 26 1
93-2125	Castor Fork	7 4 1	93-2340	Wire Harness	15 23 1
93-2128	Panel - Seat Base	8 5 1	93-2340	Wire Harness	30 38 1
93-2142	Pad - Floor Plate	2 8 1	93-2343	Cable - Battery Positive	15 21 1
93-2151	Plate - Backing	30 3 1	93-2343	Cable - Battery Positive	30 39 1
93-2152	Adapter - Fan	30 2 1	93-2344	Cable - Battery Negative	15 22 1
93-2155	Engine Mount - Front	30 13 1	93-2344	Cable - Battery Negative	30 37 1
93-2160	Engine Mount - Rear	30 11 1	93-2362	Roller - Anti Scalp	29 11 4
93-2169	Bracket - Relay	15 4 1	93-2362	Roller - Anti Scalp	27 17 8
93-2170	Pump Adapter	19 10 1	93-2363	Shaft - Roller	29 12 2
93-2173	Plate - Pump	30 27 1	93-2363	Shaft - Roller	27 16 4
93-2177	Spacer - Upper	30 28 2	93-2368	Bushing - Flange	29 10 2
93-2178	Spacer - Lower	30 29 2	93-2368	Bushing - Flange	27 14 4
93-2183	Pipe - Exhaust	23 12 1	93-2384	Spacer - Carrier	27 28 2
93-2185	Exhaust Bracket	23 11 1	93-2400	Lockup Handle	5 2 1
93-2190	Air Cleaner Assembly	23 6 1	93-2403	Lift Arm - Center	29 4 1
93-2191	Mounting Band Assembly	23 5 1	93-2405	Lift Arm - RH	27 21 1
93-2195	Element - Air Cleaner	23 *23 1	93-2407	Lift Arm - LH	27 22 1
93-2199	Screw - HH	5 9 1	93-2422	Rod - Seat Pivot	8 10 2
93-2225	Tank - Fuel	16 2 1	93-2423	Hose - Air Cleaner	23 17 1
93-2230	Hose - Fuel	16 12 1	93-2424	Bracket - Cooler Lower	18 13 2
93-2230	Hose - Fuel	30 36 1	93-2425	Bracket - Cooler Upper	18 5 2
93-2233	Decal - GR3200	7 22 2	93-2437	Plug - Serrated	17 24 1
93-2235	Tank - Hydraulic	17 6 1	93-2438	Clamp - Fuel Tank	17 3 1
93-2236	Mount - Oil Filter	17 10 1	93-2509	Clamp - Tube	24 3 2
93-2238	T-Block	24 18 1	93-2551	Seal - Basket	27 37 2
93-2240	Manifold Assembly	13 1 1	93-2551	Seal - Basket	29 38 1
93-2242	Filter Assembly - Oil	17 8 1	93-2552	Retainer	27 36 2
93-2246	Hydraulic Cylinder Assembly	27 1 2	93-2552	Retainer	29 37 1
93-2252	Hose Assembly	19 23 1	93-2553	Grass Basket Assembly	27 35 2
93-2252	Hose Assembly	5 31 1	93-2553	Grass Basket Assembly	29 36 1
93-2254	Hose Assembly	13 20 2	93-2578	Shroud - Console	8 19 1
93-2254	Hose Assembly	27 24 2	93-2586	Hydrostat	19 16 1
93-2255	Hose Assembly	27 3 1	93-2589	Hub - Pump	19 4 1
93-2255	Hose Assembly	13 26 1	93-3102	Fuel Cap - Diesel	16 1 1
93-2255	Hose Assembly	15 36 1	93-3614	Assembly - Cover	26 4 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3318—613

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
93—3615	Assembly — Drive Shaft	26 7 1	94—3491	Bracket — Spring	22 19 1
93—3616	Assembly — Idler Gear	26 6 1	94—3641	Housing Assembly	21 29 1
93—4637	Washer — Flat	16 4 3	94—3643	Plate — Cam	21 10 1
93—4637	Washer — Flat	17 12 4	94—3644	Seat	21 20 2
93—5447	Insert — Threaded	8 28 2	94—3645	Key	21 1 1
93—6668	Decal — Battery	15 33 1	94—3646	Key	21 9 1
93—6681	Decal — Warning	18 6 1	94—3652	Cover Assembly	23 21 1
93—6686	Decal — Hydraulic Oil	8 24 1	94—3653	Bolt	23 15 1
93—6689	Decal — No Rider	8 26 1	94—3654	Spring — Compression	23 16 1
93—7160	Cap — Hydraulic Oil	17 5 1	94—3661	Seal Kit	14 * 1
93—7252	Decal — CE Mark	8 33 1	94—4353	Hose — Fuel	16 18 1
93—7276	Decal — Danger	15 32 1	94—4398	Kit — Seal, Repair	7 * 32 1
93—7494	Cartridge — N.O. Poppet	14 2 2	94—4518	Hose — Assembly	17 22 1
93—7629	Pad — Foot Brake	1 22 1	94—4518	Tube — Hydraulic	13 27 1
93—7840	Decal — Radiator Cap	18 12 1	94—4519	Tube — Convoluted	15 38 1
93—8062	Decal — Parking Brake	1 5 1	94—4527	Neutral Arm	22 11 1
93—8063	Decal — Warning	5 26 1	94—4528	Plug	18 14 2
93—8064	Decal — Warning	27 29 2	94—4538	Spacer — Mount	30 41 3
93—8064	Decal — Warning	29 29 1	94—4539	Hose Assembly	25 16 1
93—8068	Decal — Steering Arm	5 20 1	94—4539	Hose Assembly	17 32 1
93—8069	Decal — Hot Surface	23 9 1	94—4546	Panel — Extension	8 30 1
93—9051	Decal — Eccentric Bolt	22 28 1	94—4547	Panel — Lower	8 20 1
94—1300	Neutral Lock	2 27 1	94—4548	Bumper	27 7 2
94—1304	Cable — Neutral Lock	11 22 1	94—4548	Bumper — Recessed	29 34 1
94—1304	Cable — Neutral Lock	2 24 1	94—4929	Kit — Seal	6 * 1
94—1312	Spacer — Pivot	22 5 1	94—5350	Fitting — Bulkhead Tee	25 28 2
94—1316	Bracket — Bulkhead	25 6 1	94—5352	Retainer — Hose	25 29 1
94—1317	Tube — Hydraulic	25 7 1	94—5353	Tube — Hydraulic	25 31 1
94—1317	Tube — Hydraulic	13 15 1	94—5354	Tube — Hydraulic	25 32 1
94—1318	Tube — Hydraulic	24 20 1	94—5355	Hose Assembly	19 26 1
94—1318	Tube — Hydraulic	25 21 1	94—5356	Hose Assembly	19 35 1
94—1319	Tube — Hydraulic	24 21 1	94—5357	Hose Assembly	25 26 2
94—1320	Tube — Hydraulic	24 22 1	94—5357	Hose Assembly — RH	3 7 2
94—1320	Tube — Hydraulic	13 34 1	94—5358	Hose Assembly	25 30 2
94—1321	Tube — Hydraulic	25 20 1	94—5358	Hose Assembly — LH	3 8 2
94—1321	Tube — Hydraulic	24 23 1	94—5359	Bracket — Air Cleaner	23 2 1
94—1325	Push Mount Tie	15 16 2	94—5438	Seal — Solenoid	14 19 8
94—1328	Hose Assembly	25 8 1	94—6351	Cartridge — Relief 150 psi	14 13 1
94—1332	Hose Assembly	19 27 1	94—6352	Plug — Cavity	14 18 1
94—1332	Hose Assembly	13 33 1	94—6353	Cartridge Valve Assembly	14 15 1
94—1348	Hose — Tank	16 17 1	94—6354	Plug — Orifice	14 14 1
94—1349	Hose — Breather	18 24 1	94—6357	Hydraulic Cylinder Assembly	29 2 1
94—1353	Handle	11 7 1	94—6359	Shaft — Drive	21 2 1
94—1364	Plate	16 13 1	94—6360	Plate — Valve	21 13 1
94—1369	Spring — Ext.	22 17 1	94—6361	Back Plate Assembly	21 16 1
94—1371	Spacer	2 11 1	94—6362	Seal Repair Kit	21 * 1
94—1372	Bracket — Mow	2 20 1	94—6363	Bearing	21 3 1
94—1373	Bracket — Lock	2 19 1	94—6366	Cover — Steering Valve	5 16 1
94—1374	Trunion Mow Bracket	2 22 1	94—6368	Bearing	21 14 1
94—1375	Trunion Lock Bracket	2 21 1	94—6383	Hose Assembly	13 30 1
94—1378	Tube — Handle Pivot	11 11 1	94—6383	Hose Assembly	19 44 1
94—1383	Pedal Pivot	2 12 1	94—6384	Hose Assembly	19 25 1
94—1386	Shaft — Pedal Lock	2 23 1	94—6385	Valve — Relief	19 40 1
94—1390	Screw — Shoulder	30 17 1	94—6386	Cartridge — Relief Valve	19 46 1
94—1414	Valve	23 22 1	94—6399	Plate — Floor	2 9 1
94—2579	Decal — Toro	8 27 1	94—6953	Console	10 1 1
94—2627	Cartridge	14 3 1	94—8077	Decal — Console	10 14 1
94—3011	Plug	20 18 1	94—8153	Muffler	23 7 1
94—3452	Pin — Cylinder	29 21 1	94—8155	Bracket — Bulkhead	25 14 1
94—3473	Elbow Assembly — Radiator	18 26 1	94—8156	Shield — Dust	30 43 1
94—3477	Hose Assembly	13 22 1	94—8158	Screw — Cap	20 11 8
94—3477	Hose Assembly	29 26 1	94—8160	Washer	20 17 4
94—3480	Guard — Alternator	18 29 1	94—8161	Kit — Seal Repair	20 * 1
94—3483	Pull Arm	29 9 1	94—8167	Hose Assembly	19 37 1
94—3483	Pull Arm	27 13 2	94—8174	Hose — Pump Inlet	19 24 1
94—3486	Plate	22 34 1	94—8178	Seal Kit	4 * 1
94—3488	Lever — Pump	22 6 1	94—8189	Clamp — Hose	16 26 1
94—3489	Screw — HH	2 26 1	94—8189	Clamp — Hose	30 47 1

*Not Illustrated

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
94-8191	Clamp - Hose	16 27 1	237-58	O-Ring	13 28 1
94-8191	Clamp - Hose	30 34 5	237-58	O-Ring	17 28 1
94-8196	Washer - Nylon	22 39 2	237-65	O-Ring	13 16 3
94-8197	Tube - Pivot	22 2 1	237-65	O-Ring	25 27 3
94-8198	Pin	27 6 2	237-65	O-Ring	3 30 4
94-8199	Tube - Pivot	29 22 1	237-65	O-Ring	19 32 3
94-9600	Brake Latch	1 13 1	237-78	O-Ring	13 23 7
94-9603	Cable Support	22 9 1	237-78	O-Ring	25 24 1
94-9607	Hose - Formed	17 21 1	237-78	O-Ring	24 30 4
94-9609	Bushing - Straight	22 10 1	237-78	O-Ring	27 30 4
94-9610	Bushing - Flange	29 6 2	237-78	O-Ring	7 30 2
94-9610	Bushing - Flange	27 10 4	237-78	O-Ring	29 31 2
94-9623	Radiator Support Asm	18 8 1	237-79	O-Ring	14 11 1
94-9624	Carrier - LH	27 12 1	237-79	O-Ring	25 23 2
94-9625	Carrier - RH	27 11 1	237-79	O-Ring	24 28 4
94-9626	Center Carrier Asm	29 7 1	237-79	O-Ring	19 29 3
94-9627	Seat Support Asm	8 4 1	237-79	O-Ring	5 29 4
94-9628	Steering Cover Asm	5 14 1	237-79	O-Ring	13 32 1
94-9629	Muffler Shield Asm	23 8 1	237-79	O-Ring	17 33 1
94-9633	Decal - Service	8 25 1	237-80	O-Ring	14 16 2
94-9634	Decal - Service (Spanish)	8 25 1	237-80	O-Ring	13 17 2
94-9635	Decal - Service (French)	8 25 1	237-80	O-Ring	3 31 4
94-9636	Decal - Service (German)	8 25 1	237-80	O-Ring	19 33 1
94-9637	Decal - Service (Swedish)	8 25 1	237-81	O-Ring	13 29 1
94-9638	Decal - Service (Italian)	8 25 1	237-81	O-Ring	17 29 3
94-9639	Decal - Service	8 25 1	237-81	O-Ring	19 34 2
94-9640	Decal - Service (Norwegian)	8 25 1	237-100	Grommet	8 12 1
94-9641	Decal - Service (Finnish)	8 25 1	237-124	Grommet	16 25 1
94-9642	Decal - Service (Danish)	8 25 1	237-146	O-Ring	17 27 1
94-9643	Decal - Service (Dutch)	8 25 1	237-156	O-Ring	14 5 9
94-9644	Decal - Service (Japanese)	8 25 1	240-3	Grommet - Rubber	25 11 4
94-9647	Ball Joint	29 15 1	240-3	Grommet - Rubber	24 24 4
94-9647	Ball Joint	27 20 2	240-11	Grommet	16 3 3
94-9648	Ball Stud	27 41 2	240-11	Grommet	17 13 4
94-9648	Ball Stud	29 41 1	242-50	Nut - Lug	3 1 8
95-0533	Gear Pump	19 28 1	242-50	Nut - Lug	7 8 4
95-0535	Engine - Perkins	30 1 1	2411-34	Ball Joint	22 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	23 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	2412-92	Clamp - Hose	23 19 2
233-42	Knob	11 21 1	2412-92	Clamp - Hose	18 35 1
233-48	Knob	5 1 1	2412-104	Clamp - R	15 20 3
237-21	O-Ring	13 21 7	2412-107	Clamp - R	30 46 1
237-21	O-Ring	25 25 1	2412-108	Clamp - Hose	18 20 3
237-21	O-Ring	24 29 4	2412-108	Clamp - Hose	16 22 1
237-21	O-Ring	29 30 2	2412-129	Clamp - Hose	17 23 2
237-21	O-Ring	27 31 4	2412-133	Clamp - R	8 17 2
237-21	O-Ring	7 31 2	2412-134	Clamp - R	25 15 2
237-21	O-Ring	5 35 2	2412-137	Clamp - Tube, Double	25 34 1
237-22	O-Ring	13 19 1	251-259	Bearing - Ball	22 16 1
237-22	O-Ring	24 25 1	251-259	Bearing - Ball	11 19 1
237-22	O-Ring	17 26 1	252-66	Bearing - Thrust	21 32 1
237-22	O-Ring	19 31 7	252-71	Race - Bearing	21 31 2
237-30	O-Ring	25 22 2	252-95	Bearing - Thrust	21 8 2
237-30	O-Ring	24 27 4	253-111	Seal - Shaft	7 24 2
237-30	O-Ring	13 31 1	254-61	Bearing - Cup	7 19 2
237-42	O-Ring	14 7 6	254-70	Bearing Cone	7 18 2
237-42	O-Ring	13 18 1	254-78	Cone - Bearing	7 25 2
237-42	O-Ring	17 25 1	254-79	Cup - Bearing	7 26 2
237-42	O-Ring	24 26 1	256-311	Bushing - Straight	11 8 1
237-42	O-Ring	5 36 1	256-311	Bushing - Straight	2 13 4
237-42	O-Ring	19 39 2	282-2	Clevis	1 19 2

*Not Illustrated

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283—8	Pin — Clevis	29 3 1	3256—77	Washer — Flat	8 7 6
283—8	Pin — Clevis	27 9 2	3257—42	Key — Woodruff	3 5 2
283—61	Pin — Clevis	1 18 2	3257—42	Key — Woodruff	4 17 1
283—72	Pin — Lynch	8 9 1	3269—15	Rivet — Pop	18 21 8
283—87	Pin — Clevis	1 23 2	3272—6	Pin — Cotter	1 20 2
285—17	Plug	23 20 1	3272—11	Pin — Cotter	29 16 1
302—5	Fitting — Grease	2 38 1	3272—11	Pin — Cotter	27 23 2
302—5	Fitting — Grease, Str.	7 21 1	3272—11	Pin — Cotter	1 25 2
302—55	Fitting — Grease	7 27 1	3272—37	Pin — Cotter	7 2 1
302—60	Fitting — Grease 90°	29 32 1	3273—26	Screw — HSH	11 6 2
302—60	Fitting — Grease 90°	27 33 2	3273—26	Screw — PPH	10 11 4
302—60	Fitting — Grease, 90°	7 11 2	3274—1	Screw — HSH	19 20 2
304—73	Fitting — Hydraulic Barb	18 3 2	3274—12	Screw — HSH	8 29 4
322—2	Screw — HH	8 2 2	3274—39	Screw — HSBH	8 6 9
323—4	Screw — HH	5 18 2	3274—39	Screw — HSBH	5 13 6
323—4	Screw — HH	22 20 2	3274—63	Screw — HSBH	5 7 2
323—11	Screw — HH	30 19 3	3274—80	Screw — HSBH	5 21 3
325—4	Screw — HH	5 10 2	3290—55	Rivet — Pop	27 38 16
325—4	Screw — HH	27 39 2	3290—55	Rivet — Pop	29 39 8
325—4	Screw — HH	29 40 1	3290—93	Screw — HH	10 24 4
325—6	Screw — HH	27 26 2	3290—277	Nut — Speed	5 25 6
325—6	Screw — HH	29 27 1	3290—354	Plate — Nut	10 22 2
327—17	Screw — HH	29 24 1	3290—357	Nut — Lock, Flange	30 20 3
3210—6	Screw — HH	22 8 1	3290—378	Tie — Cable	30 7 2
3211—2	Screw — HH	27 15 8	3290—378	Tie — Cable	10 12 2
3211—2	Screw — HH	29 25 4	3290—378	Tie — Cable	8 18 1
3213—1	Screw — HH	29 14 1	3290—378	Tie — Cable	15 31 2
3213—1	Screw — HH	27 19 2	3290—378	Tie — Cable	7 33 1
3217—6	Nut — Hex.	23 14 4	3290—378	Tie — Cable	25 36 1
3218—2	Nut — Hex Jam	15 2 2	3290—378	Tie — Cable	18 37 1
3218—5	Nut — Jam	27 27 4	3290—415	Rivet — Pop	15 24 2
3218—5	Nut — Jam	29 28 2	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	22 38 1	3296—2	Nut — Lock	30 23 1
3220—1	Nut — Jam	2 39 1	3296—4	Nut — Lock Elastic	22 14 1
3220—2	Nut — Jam	1 3 2	3296—12	Nut — Lock	8 8 9
3220—2	Nut — Jam	22 32 1	3296—13	Nut — Lock	22 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	29 13 1
3241—6	Screw — SQH	19 5 2	3296—19	Nut — Lock	27 18 2
3242—2	Screw — Set	5 22 1	3296—21	Nut — Lock	30 5 1
3253—4	Washer — Lock	23 13 4	3296—27	Nut — Lock	11 4 1
3253—4	Washer — Spring Lock	23 26 4	3296—29	Nut — Lock	8 15 4
3254—2	Washer — Lock	15 13 1	3296—29	Nut — Hex	22 25 1
3254—3	Washer — Lock	30 6 1	3296—53	Nut — Hex	29 23 1
3256—1	Washer — Flat	24 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	30 22 1
3256—1	Washer — Flat	2 28 2	32120—8	Ring — Retaining	28 7 1
3256—3	Washer — Flat	19 7 4	32120—8	Ring — Retaining	30 7 1
3256—7	Washer — Flat	29 8 1	32120—72	Ring — Retaining, Ext.	29 18 2
3256—22	Washer — Flat	18 15 4	32121—6	Pin — Roll	29 33 2
3256—22	Washer — Flat	25 19 2	32121—6	Pin — Roll	27 34 4
3256—22	Washer — Flat	22 31 1	32121—7	Pin — Spring	8 11 2
3256—22	Washer — Flat	19 41 2	32121—45	Roll Pin	2 5 1
3256—23	Washer — Flat	8 3 4	32121—50	Pin — Roll	1 7 1
3256—23	Washer — Flat	3 11 2	32128—20	Nut — Lock	2 25 2
3256—23	Washer — Flat	16 14 2	32136—9	Nut — Hex	7 1 1
3256—23	Washer — Flat	18 36 2	32144—14	Screw — HH	25 3 6
3256—23	Washer — Flat	30 45 1	32144—14	Screw — HH	17 4 2
3256—24	Washer — Flat	15 10 1	32144—14	Screw — HH	15 5 13
3256—24	Washer — Flat	11 14 1	32144—14	Screw — HH	16 6 3
3256—24	Washer — Flat	19 19 4	32144—14	Screw — HH	18 7 2
3256—24	Washer — Flat	2 35 2	32144—14	Screw — HH	27 8 4
3256—26	Washer — Flat	5 11 2	32144—14	Screw — HH	1 10 5
3256—26	Washer — Flat	30 31 8	32144—14	Screw — HH	2 10 8
3256—27	Washer — Flat	1 24 2	32144—14	Screw — HH	8 21 2

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32144-14	Screw - HWH	30 44 3	33114-025	Screw - HH	22 22 1
32144-21	Screw - PPH	5 28 2	33114-025	Screw - HH	23 25 8
32144-44	Screw - HWH	27 32 2	33114-030	Screw - HH	19 12 2
32144-44	Screw - HWH	29 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	22 23 1
32151-13	Ring - Retaining	21 35 1	33114-070	Screw - HH	30 12 1
32151-29	Ring - Retaining	21 30 2	33115-016	Screw - HH	2 36 1
32151-41	Ring - Retaining	26 13 1	33115-020	Screw - HH	30 8 5
32151-104	Ring - Retaining, Ext.	7 12 2	33115-020	Screw - HH	16 16 3
33014-00	Nut - Hex	2 37 1	33115-020	Screw - HH	17 16 6
33023-00	Nut - Lock	1 1 2	33115-035	Screw - HH	22 33 3
33023-00	Nut - Lock	22 1 1	33115-040	Screw - HH	15 8 1
33023-00	Nut - Lock	15 3 8	33115-040	Screw - HH	11 12 1
33023-00	Nut - Lock	2 15 2	33115-040	Screw - HH	19 15 2
33023-00	Nut - Lock	18 27 4	33115-090	Screw - HH	2 14 1
33023-00	Nut - Lock	19 45 2	33116-060	Screw - HH	3 20 8
33023-00	Nut - Lock NI	24 4 2	33116-130	Screw - HH	30 30 4
33023-00	Nut - Lock NI	10 19 2	33123-016	Screw - Carriage	1 6 2
33023-00	Nut - Lock NI	3 19 8	33124-020	Screw - Carr.	2 6 2
33023-00	Nut - Lock NI (Europe)	8 32 1	340-2	Fitting - Hydraulic	17 2 1
33023-016	Nut - Lock NI	25 18 2	340-2	Fitting - Hydraulic	24 16 1
33024-00	Nut - Lock	23 3 4	340-4	Fitting - Hydraulic	24 8 2
33024-00	Nut - Lock	1 8 1	340-7	Fitting - Hydraulic	13 2 1
33024-00	Nut - Lock	18 9 6	340-8	Fitting - Hydraulic	19 17 2
33024-00	Nut - Lock	19 13 2	340-9	Fitting - Hydraulic	17 7 1
33024-00	Nut - Lock	30 16 14	340-9	Fitting - Hydraulic	13 8 1
33024-00	Nut - Lock	2 17 4	340-14	Fitting - 45°	3 9 4
33024-00	Nut - Lock	22 21 3	340-14	Fitting - Hydraulic	13 35 1
33024-00	Nut - Lock	25 33 1	340-17	Fitting - Hydraulic 90°	13 5 1
33024-00	Nut - Lock NI	10 3 4	340-17	Fitting - Hydraulic 90°	19 18 1
33024-00	Nut - Lock NI	11 5 1	340-18	Fitting - Hydraulic 90°	19 3 1
33024-00	Nut - Lock NI	3 18 2	340-18	Fitting - Hydraulic 90°	19 21 1
33025-00	Nut - Lock	15 9 1	340-70	Nut - Bulkhead	25 2 1
33025-00	Nut - Lock	19 14 2	340-74	Nut - Bulkhead	25 1 4
33025-00	Nut - Lock	2 33 1	340-74	Nut - Bulkhead	24 10 4
33025-00	Nut - Lock	22 37 3	340-77	Fitting - Hydraulic 90°	13 6 1
33025-00	Nut - Lock NI	11 13 1	340-77	Fitting - Hydraulic 90°	19 38 1
33026-00	Nut - Lock	30 32 4	340-92	Fitting - Hydraulic	24 7 4
33113-008	Screw - HH	11 3 2	340-92	Fitting - Hydraulic	13 9 3
33113-008	Screw - HH	24 19 1	340-92	Fitting - Hydraulic	25 12 1
33113-016	Screw - HH	15 12 6	340-94	Fitting - Tee	19 43 1
33113-016	Screw - HH	25 17 2	340-98	Fitting - Hydraulic 90°	24 6 2
33113-016	Screw - HH	17 18 3	340-98	Fitting - Hydraulic 90°	25 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	30 26 4	340-132	Fitting - Hydraulic	7 15 2
33113-020	Screw - HH	3 16 8	340-132	Fitting - Hydraulic 90°	29 1 1
33113-030	Screw - HH	22 3 1	340-132	Fitting - Hydraulic 90°	27 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	24 1 2	340-140	Tee - Hydraulic	13 11 1
33113-050	Screw - HH	19 42 2	353-599	Pin-Dowel	26 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	24 5 1
33114-020	Screw - HH	23 4 6	353-991	Plug	14 4 9
33114-020	Screw - HH	1 9 1	354-46	Ring-Seal	26 8 1
33114-020	Screw - HH	19 11 6	354-50	Screw-Hex Socket Hd.	26 1 4
33114-020	Screw - HH	30 15 14	354-51	Washer	26 2 4
33114-020	Screw - HH	18 18 6	354-70	Plug	14 17 2
33114-020	Screw - HH	22 24 1	354-73	Fitting - Hydraulic, Barb	17 9 2
33114-020	Screw - HH	30 25 3	354-78	Fitting - Hydraulic	17 1 1
33114-020	Screw - HH	25 35 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.

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MAINTENANCE RECORD

[illegible]

PROTOTYPE

MAINTENANCE RECORD

[illegible]

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A.