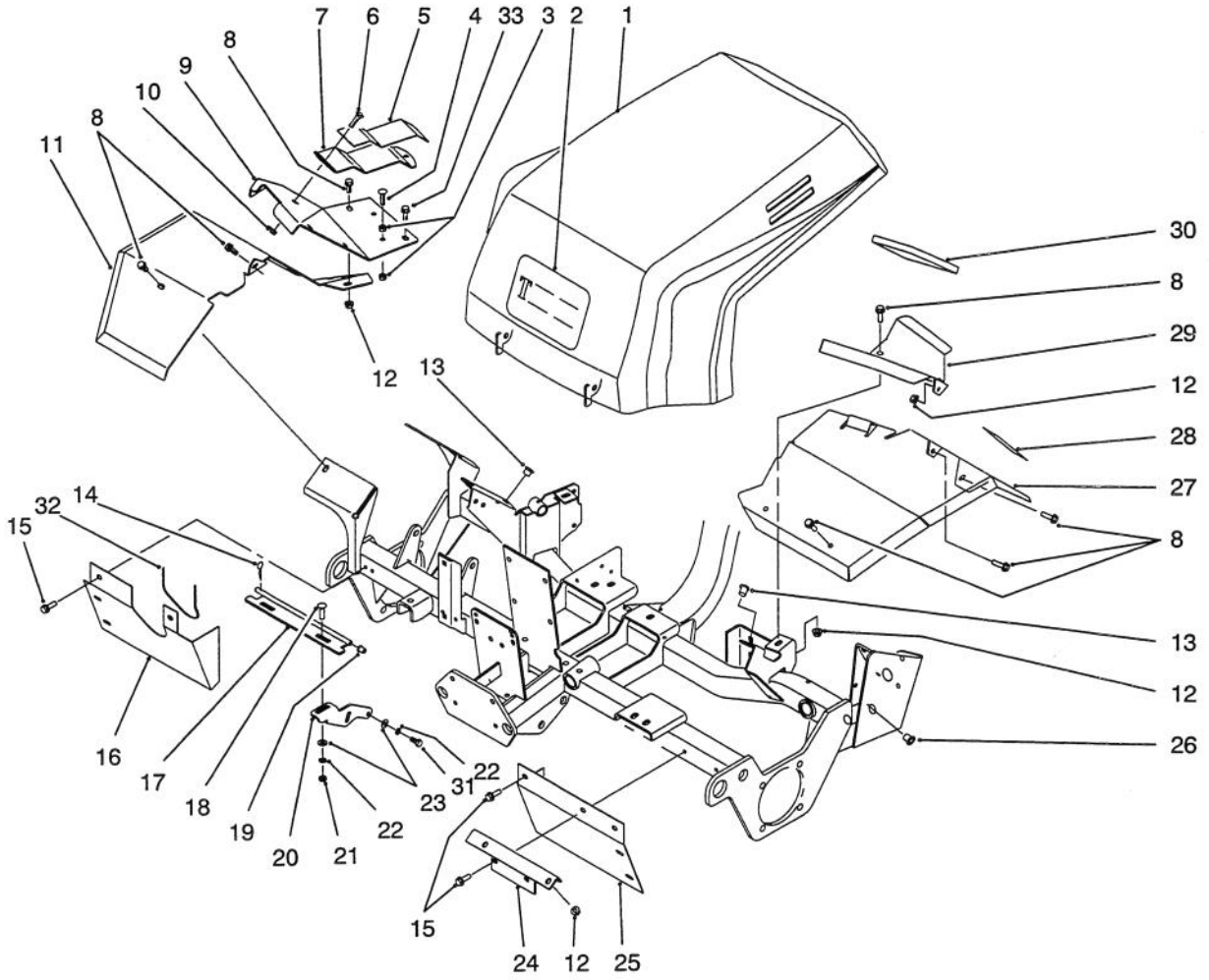
FORM NO. 3317–651 Rev. B

TORO®

MODEL NO. 03426–50001 & UP

PARTS CATALOG

REELMASTER® 2300D 3wd
TRACTION UNIT



T–2150

HOOD & GRILLE ASSEMBLY

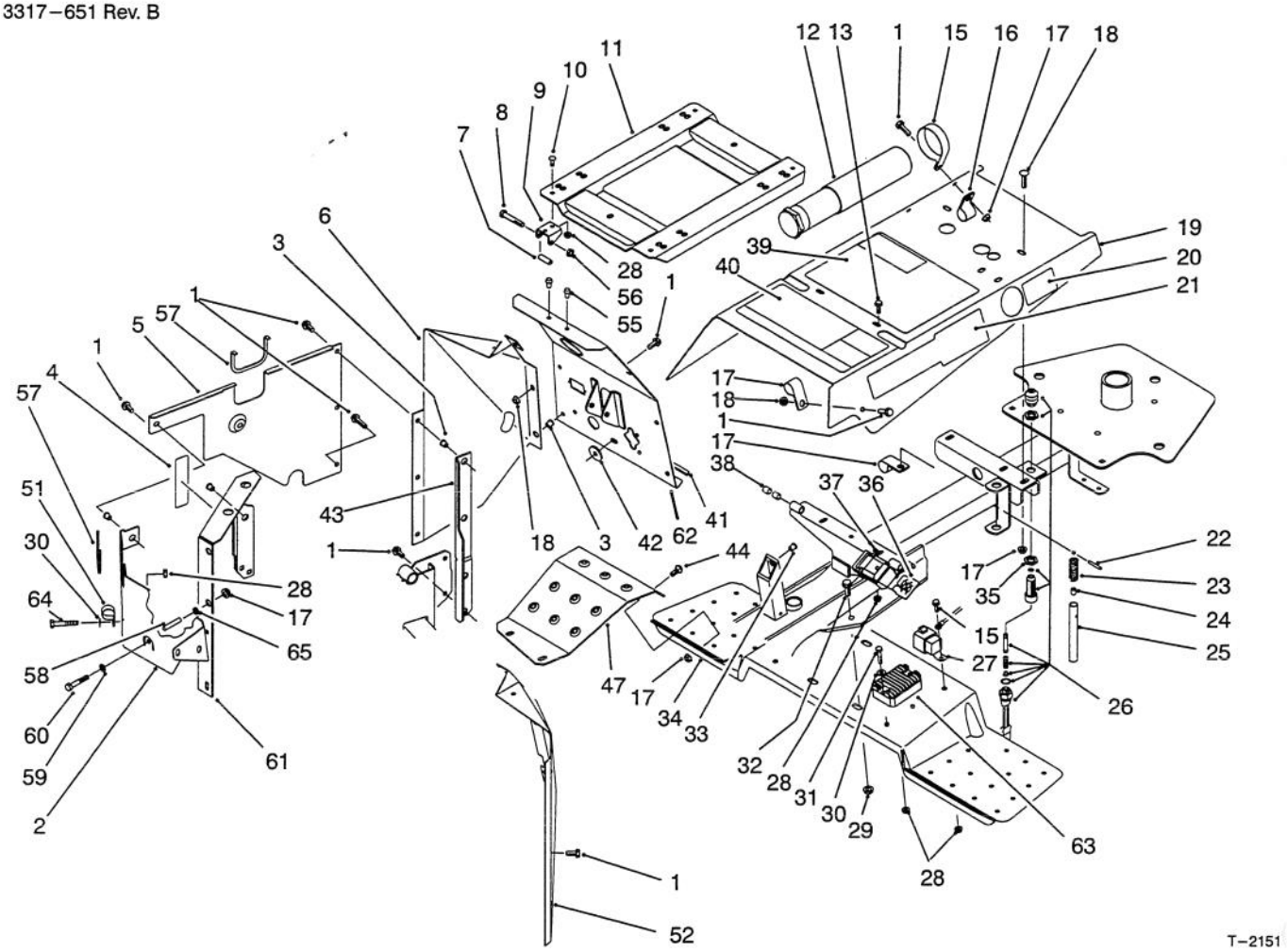
Ref. No.	Part No.	Description	No. Used
1	94–3622	Hood Assembly (Incl. Ref. #2)	1
2	62–7400	Decal–Toro	1
3	32128–20	Nut–Lock, Fl, Whz	2
4	3230–27	Screw–Carriage	1
5	76–2260	Pad–Footrest	1
6	3229–1	Bolt–Carriage	2
7	76–2200	Footrest–Traction Pedal	1
8	3234–5	Screw–Flg	13
9	93–6779	Footrest–RH	1
10	32128–33	Nut–Lock Flg	2
11	93–6778	Fender–Right	1
12	32128–44	Nut–Flange, Lrg	12
13	32148–7	Nut–Clinch	3
14	3290–467	Pin–Cotter, Hair	1
15	32104–82	Screw–HWH	5
16	93–6858	Shield–Front RH	1

Ref. No.	Part No.	Description	No. Used
17	93–6780	Hinge–W.A.	1
18	3230–23	Screw–Carriage	2
19	256–320	Bushing	2
20	93–6742	Brkt–Hood Pivot	2
21	3217–6	Nut–Hex,	2
22	3253–4	Washer–Spring Lock	6
23	3256–23	Washer–Flat	6
24	83–8510	Bracket–Left Fender	1
25	83–9800	Sheild–Front Grass LH	1
26	32148–8	Nut–Clinch	1
27	93–6776	Fender–LH	1
28	84–1650	Decal–Brake	1
29	83–9710	Footrest–LH	1
30	83–9840	Pad–Foot	1
31	322–3	Screw–HH	4
32	93–6927	Trim	1
33	3234–17	Screw–Cap Hex. Hd.	1

*Not Illustrated

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TPS

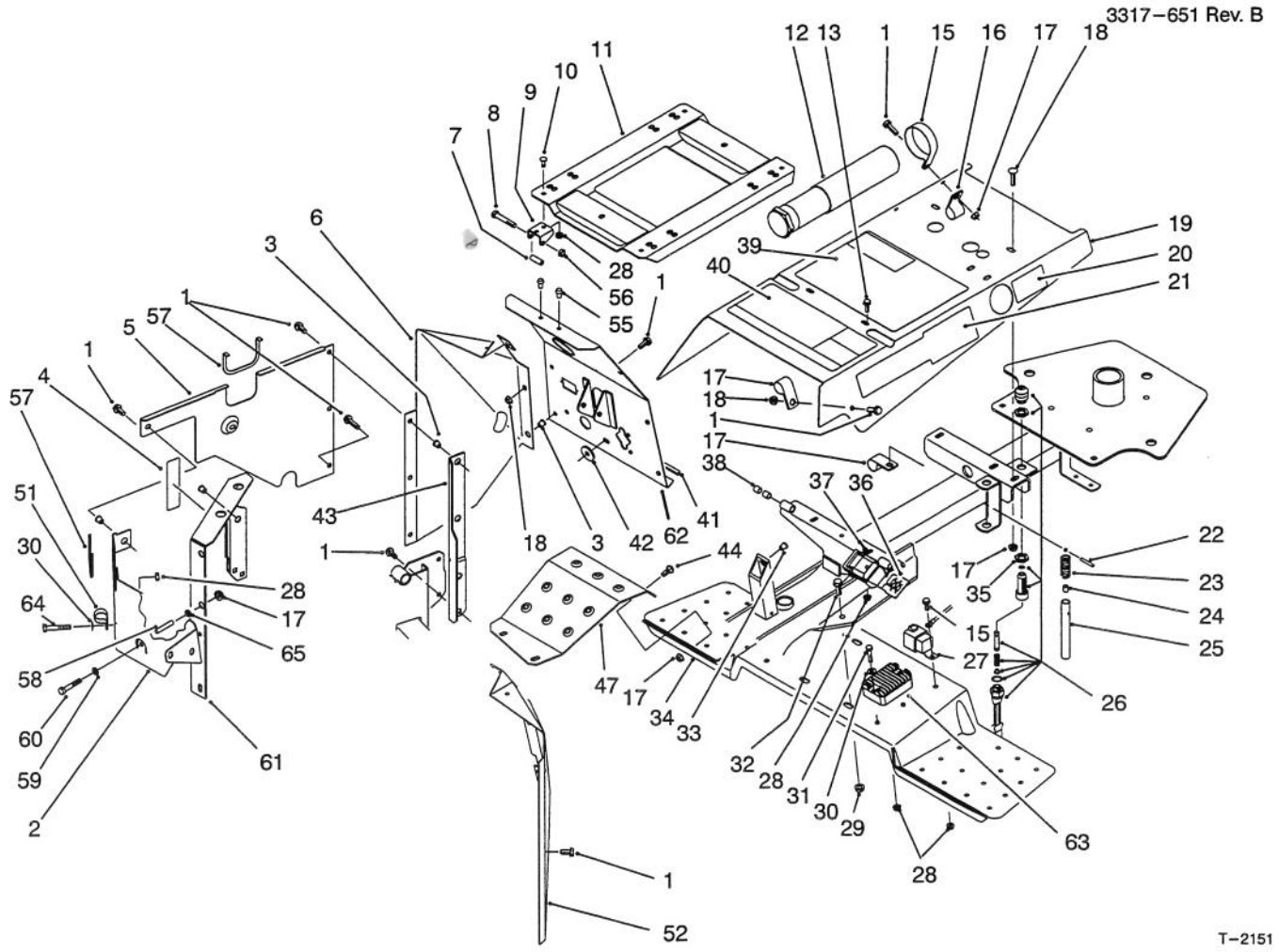


T–2151

SKIRT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234–5	Screw–Flg	18
2	93–6847	Panel–Left Front	1
3	32148–7	Nut–Clinch	6
4	67–5360	Decal–Danger	1
5	93–6846	Panel–Right Front	1
6	83–8120	Panel–Right Rear	1
7	85–5340	Tube–Seat Pivot	2
8	321–11	Screw–HH	2
9	85–5230	Bracket–Seat Pivot	2
10	3229–22	Screw–Carriage	2
11	85–5330	Seat Plate WA	1
12	74–0720	Tube–Manual	1
13	3234–4	Screw–HH Whiz	3
15	2412–133	Clamp–R	2
16	2412–39	Clamp–R	3
17	32128–44	Nut–Flange,Lrg .312–18	11
18	3230–2	Bolt–Carriage	2
19	94–3632	Skirt Assembly (Incl. Ref. #20, 21, 39 & 40)	1
20	92–3179	Decal–Control	1
21	93–6761	Decal–Reelmaster 2300D	2
22	32121–6	Pin–Roll	1
23	37–9590	Spring–Compression	1
24	28–6180	Pin–Plastic	1
25	27–9870	Pin–Seat Switch	1
26	43–9071	Limit Switch Asm	1

Ref. No.	Part No.	Description	No. Used
27	70–1480	Relay	1
28	32128–33	Nut–Lock Flg	6
29	32128–43	Nut–Whiz Flg	4
30	3256–22	Washer–Flt	3
31	321–8	Screw–HH	2
32	3234–11	Screw–Flange	4
33	32148–8	Nut–Clinch	1
34	93–6868	Footstep WA	1
35	218–461	Nut–HH	1
36	92–3188	Diode–Circuit Board	1
37	3290–379	Tie–Cable	1
38	256–321	Bushing	4
39	93–6903	Decal–Service Info	1
40	83–9550	Decal–Warning	1
41	76–6471	Trim	1
42	62–7170	Spacer	1
43	94–3694	Angle–Right	1
44	3230–1	Bolt–Carriage	1
47	93–6938	Panel–Foot	1
51	2412–106	Clamp–R	1
52	93–6732	Panel–Left Rear	1
55	237–37	Bumper–Rubber	2
56	3296–42	Nut–Hex Lock	2
57	93–6924	Trim	2
58	93–6908	Spacer–Split	1
59	3256–23	Washer–Flt	1

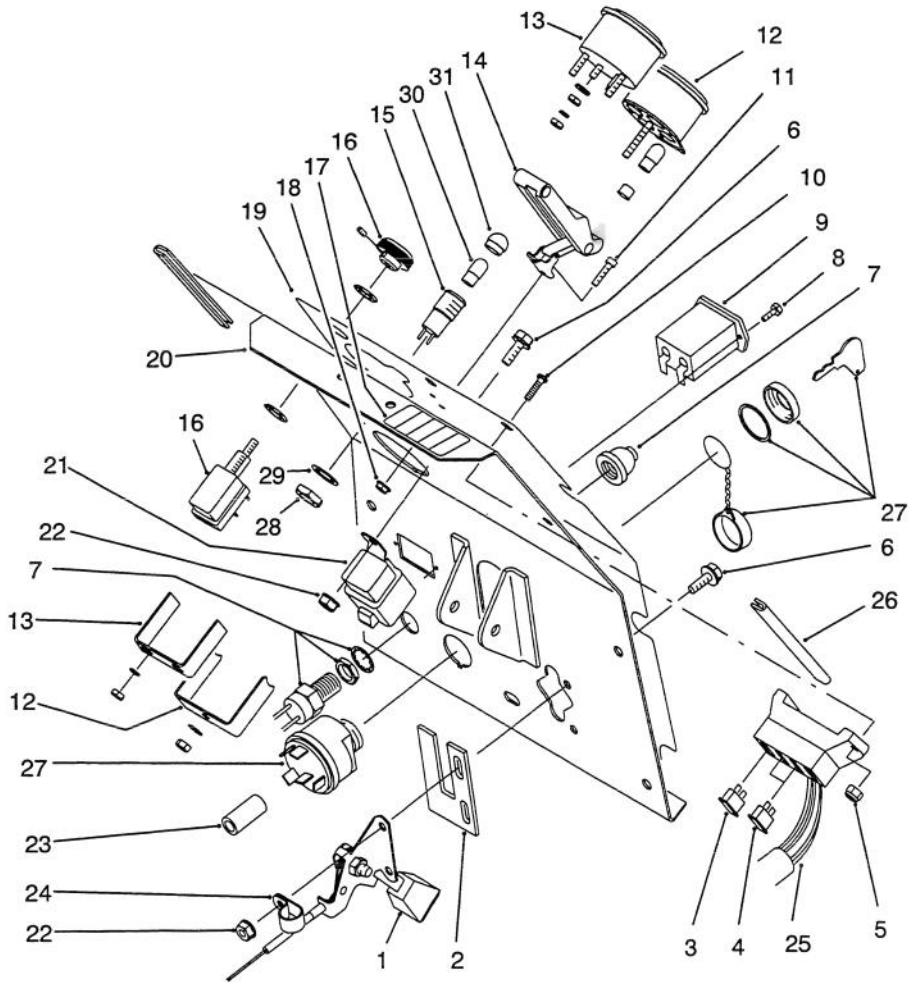


SKIRT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
60	322–23	Screw–Cap Hex. Hd.	1
61	94–3633	U–Bracket Support Assy. (Incl. Ref. #4)	1
62	94–3691	Panel–Instrument	1

Ref. No.	Part No.	Description	No. Used
†63		Regulator	1
64	321–3	Screw–Cap Hex. Hd.	1
65	87–8640	Washer–Flat	1

†Obtain from your Local Perkins Dealer



T–2155

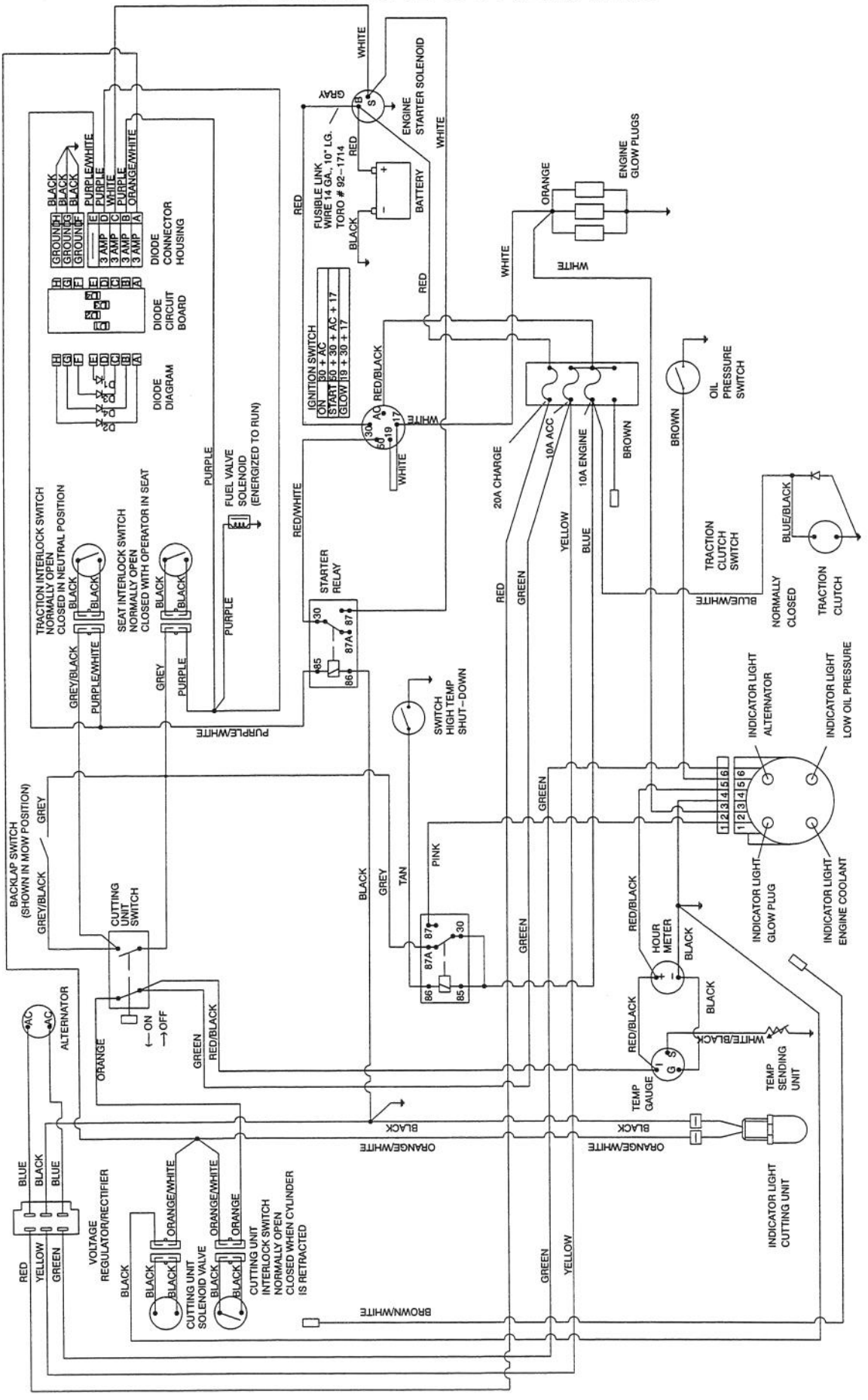
INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93–6816	Control–Throttle	1
2	93–6743	Stop–Throttle	1
3	218–594	Fuse–20 Amp	1
4	218–578	Fuse–10 Amp	2
5	3296–2	Nut–Lock	2
6	3234–4	Screw–HH	3
7	93–6762	Switch–Push Button	1
8	32144–18	Screw–HWH	2
9	75–6820	Hour Meter	1
10	3250–13	Screw–Pan Hd	2
11	3274–90	Scr–Hex Sckt	2
12	92–9775	Warning Light Cluster	1
13	93–4411	Gauge–Temperature	1
14	80–6980	Soft Latch Asm	1
15	44–2212	Indicator Light Assembly (Incl. Ref. #28–31)	1
16	92–3194	Switch–Push/Pull	1

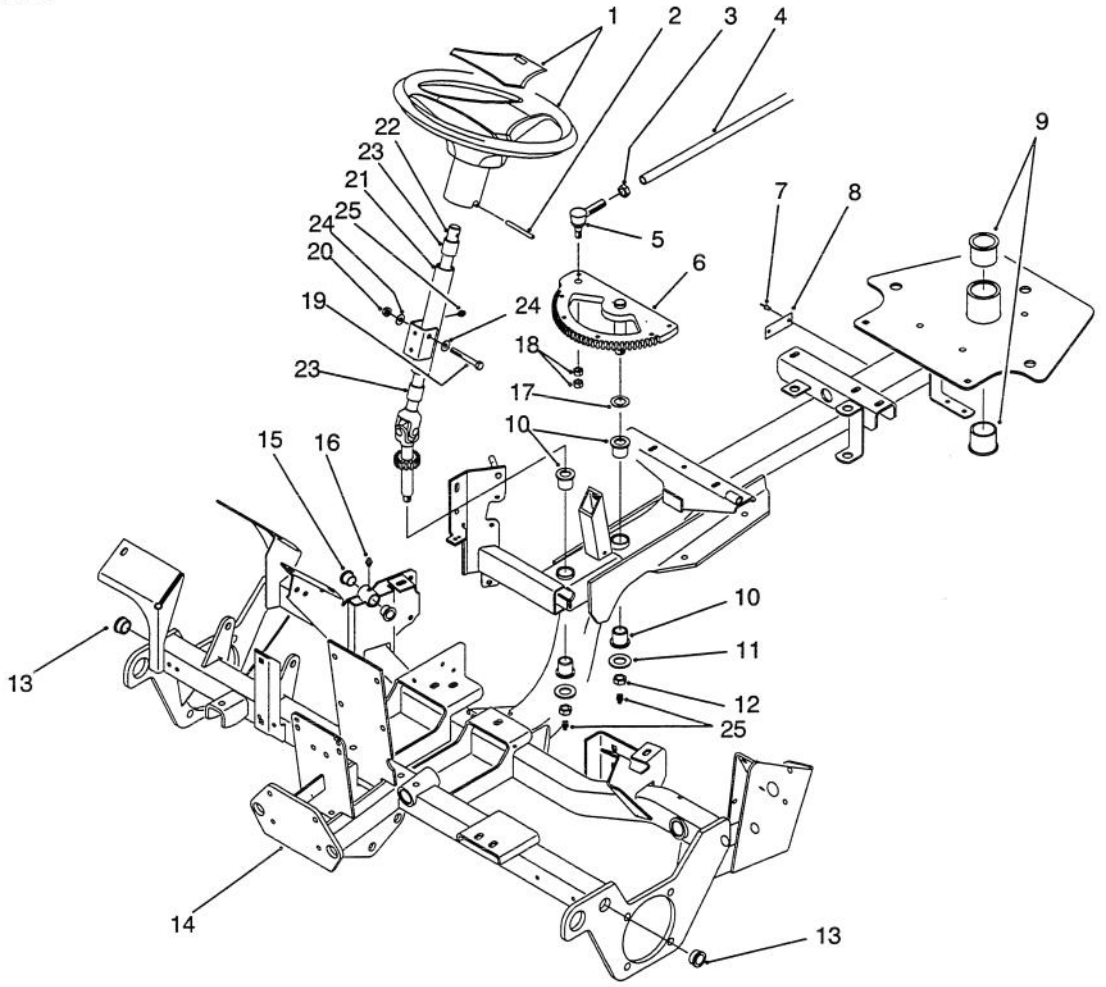
Ref. No.	Part No.	Description	No. Used
17	93–6902	Decal–Fuse Block	1
18	32149–9	Nut–Flg	2
19	94–4985	Decal–Instrument Panel	1
20	94–3691	Instrument Panel WA	1
21	70–1480	Relay	1
22	32128–33	Nut–Lock Flg	3
23	80–7345	Hose	1
24	2412–39	Clamp–R	1
25	94–3692	Wire Harness Assembly (Incl. Ref. #3 & 4)	1
26	93–6941	Trim	2
†27		Ignition Switch Assembly	1
28		Nut – Hex.	1
29		Washer – Flat	1
30	219–18	Bulb – Licht	1
31	218–562	Lens – Light	1

†Obtain from your local Perkins Dealer.

ELECTRICAL SCHEMATIC



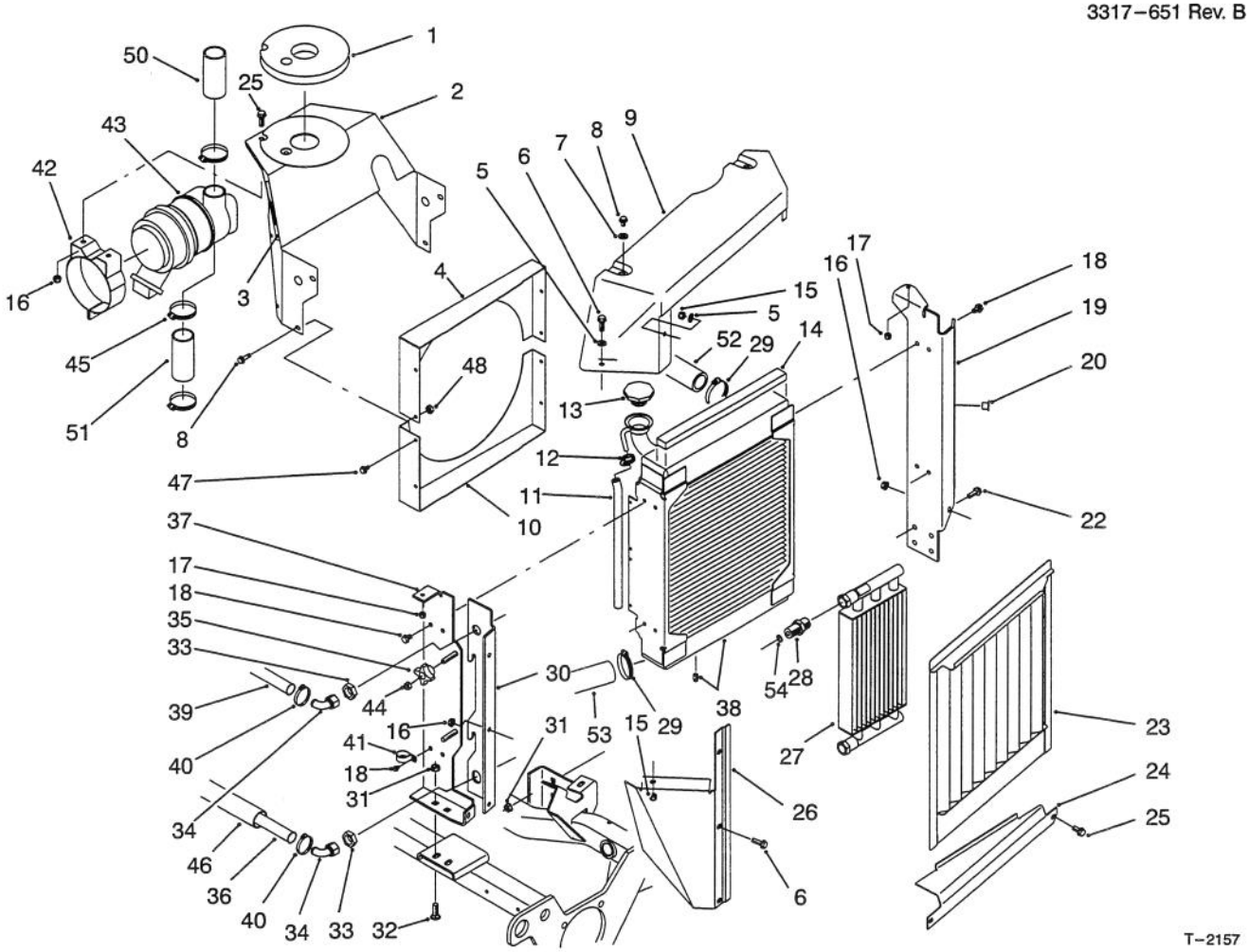
T–2213



FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	88–3850	Steering Wheel Asm	1
2	32121–10	Pin–Roll	1
3	3220–5	Nut–Hex Jam	1
4	61–2070	Tube–Steering	1
5	21–0150	Socket Assy–LH	1
6	93–6768	Gear WA–Sector	1
7	3290–55	Rivet–Pop	2
8		Plate–Serial Number	1
9	256–245	Bushing	2
10	92–3162	Bushing–Flg	4
11	3256–27	Washer–Flt	2
12	3296–33	Nut–Lock Nylon	2
13	256–247	Bushing–Flg	2

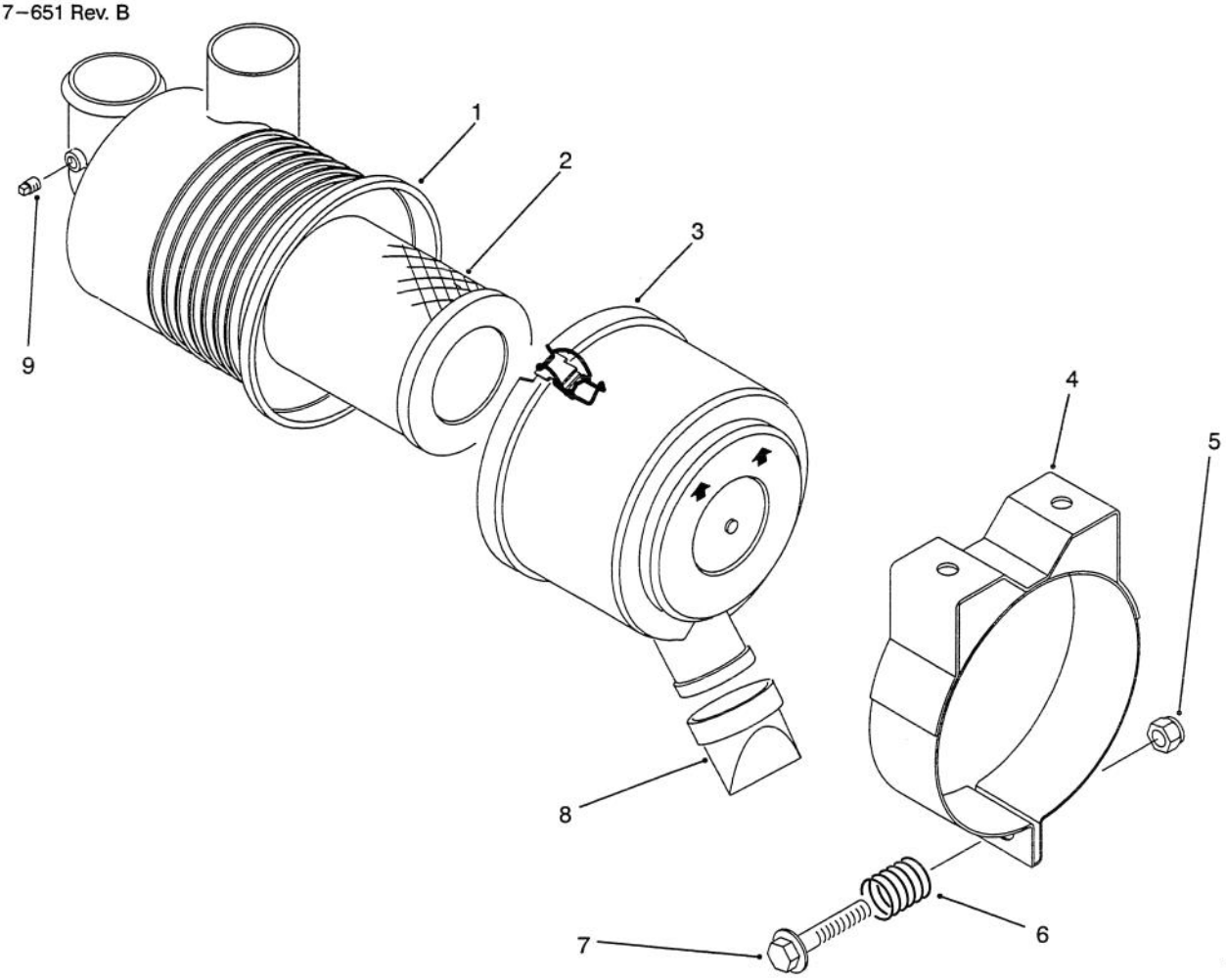
Ref. No.	Part No.	Description	No. Used
14	93–6702	Frame WA	1
15	75–2160	Bushing–Flg	2
16	302–60	Fitting–Lube	1
17	3–6498	Washer–Thrust	A/R
18	3220–3	Nut–HJ	2
19	322–12	Screw HH	1
20	3296–29	Nut–Hex Lock	1
21	93–6769	Steering Column WA	1
22	93–6766	Steering Shaft & Pinion	1
23	256–27	Bushing	2
24	87–8640	Washer–Flat, Hardened	2
25	302–5	Fitting–Grease	3



RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93–6877	Foam–Seal	1
2	94–3634	Air Cleaner Housing Assy. (Incl. Ref. #3)	1
3	77–3100	Decal–Caution	1
4	93–6731	Shroud–Radiator Top	1
5	3256–23	Washer–Flt	2
6	3234–17	Screw–HH	4
7	3256–22	Washer–Flt	2
8	3234–4	Screw–HH	4
9	83–8040	Cover–Left	1
10	93–6730	Shroud–Radiator Bottom	1
11	71–3382	Hose	1
12	2412–108	Clamp–Hose	1
13	66–3240	Cap–Radiator	1
14	83–9030	Foam–Top	1
15	3296–29	Nut–Hex Lock	2
16	32128–44	Nut–Flange	6
17	3296–42	Nut–Hex Lock	2
18	3234–28	Screw–HH	8
19	83–7980	Bracket–Radiator Rear	1
20	32148–8	Nut–Clinch	3
22	323–6	Screw–HH	4
23	83–8150	Screen Asm	1
24	83–8070	Shield–Radiator Bottom	1
25	3234–5	Screw–Flg	4
26	83–8210	Panel–Left Front	1
27	93–6932	Exchanger–Heat	1

Ref. No.	Part No.	Description	No. Used
28	83–7970	Fitting–Hydraulic (Incl. Ref. #54)	2
29	2412–34	Clamp–Hose	2
30	88–6730	Bracket–Screen Front	1
31	32128–43	Nut–Whiz Flg	6
32	3231–22	Bolt–Carriage	2
33	340–127	Nut–Bulkhead ORS	2
34	93–6803	Fitting–90 Deg	2
35	93–7159	Knob	2
36	93–6804	Hose	1
37	88–6720	Radiator Bracket WA	1
38	93–6726	Radiator Asm	1
39	93–6805	Hose	1
40	2412–36	Clamp–Hose	2
41	2412–41	Clamp–R	1
42	93–2191	Clamp Assembly	1
43	93–2190	Air Cleaner Asm	1
45	2412–92	Clamp–Hose	3
46	93–6933	Sleeve–Protective	1
47	32104–116	Screw–HFH	6
48	32128–33	Nut–Lock Flange	2
50	93–6876	Hose–Air Inlet Upper	1
51	93–6724	Hose–Air Inlet Lower	1
52	93–6728	Hose–Radiator Upper	1
53	93–6729	Hose–Radiator Lower	1
54	237–30	Seal–O–Ring	2

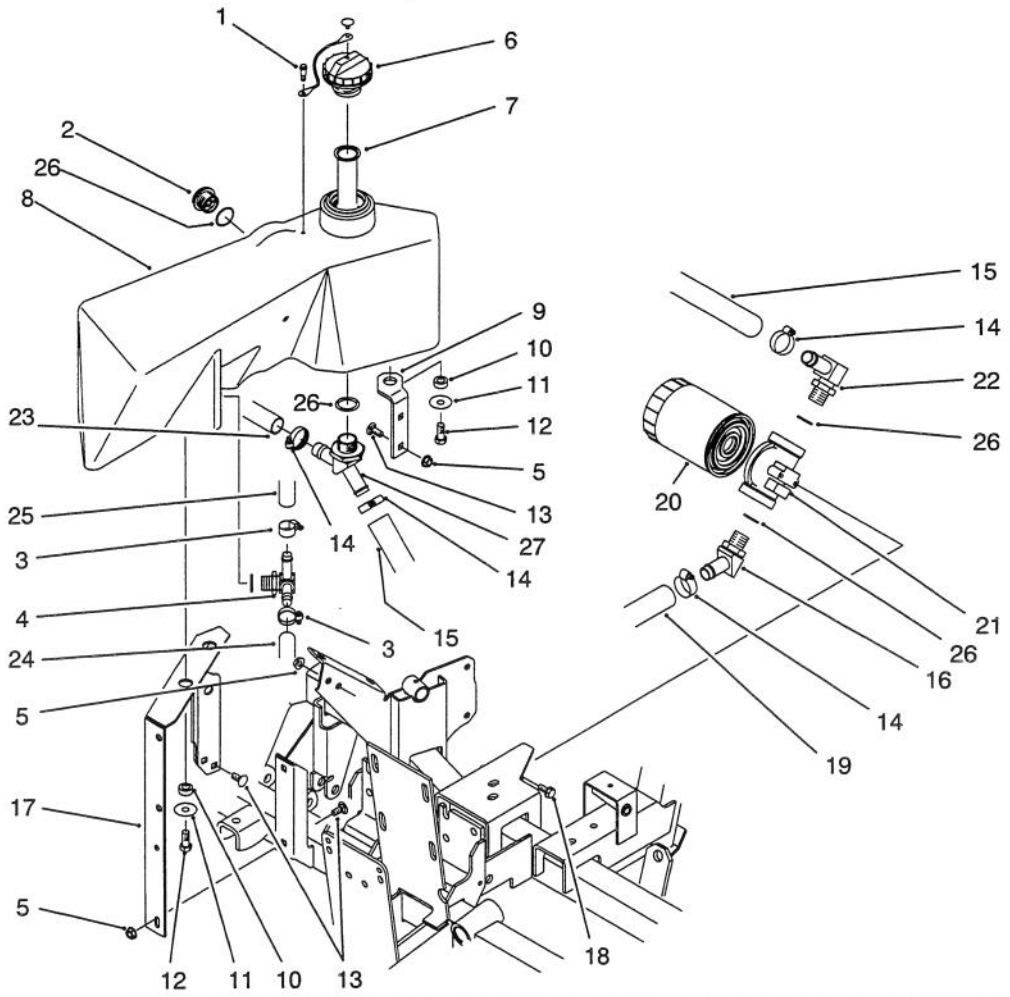


AIR CLEANER ASSEMBLY NO. 93–2190

Ref. No.	Part No.	Description	No. Used
†1		Body–Air Cleaner	1
2	93–2195	Element–Air Cleaner	1
3	94–3652	Cover Assembly	1
4	93–2191	Clamp Assembly (Incl. Ref. #5–7)	1

Ref. No.	Part No.	Description	No. Used
5	48–9510	Nut–Lock	1
6	94–3654	Spring–Compression	1
7	94–3653	Bolt	1
8	87–9400	Valve	1
9	285–17	Plug	1

*Not Illustrated
†Not Serviced Separately

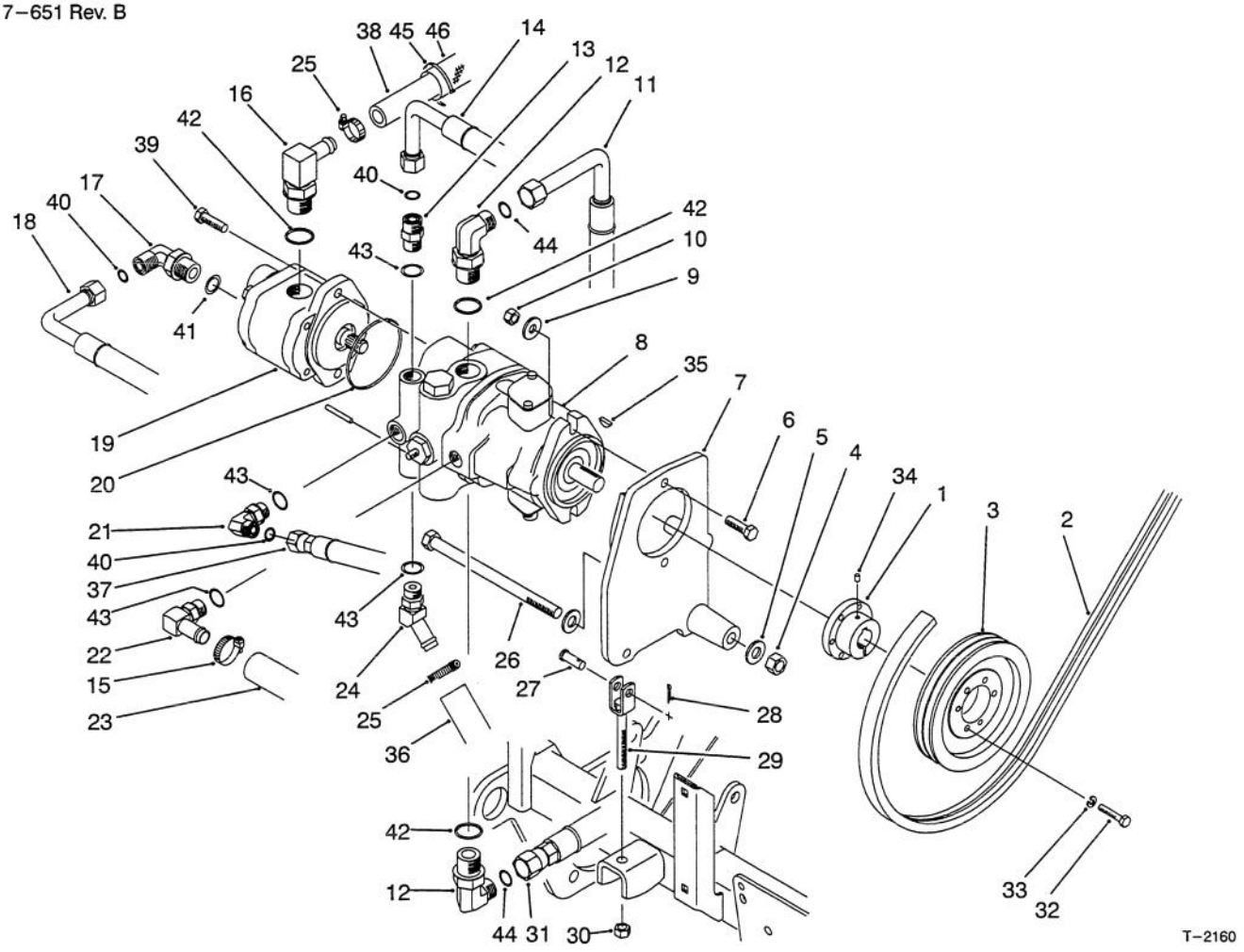


T–2159

HYDRAULIC RESERVOIR & FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	57–5420	Screw–Shoulder	1
2	69–1170	Glass–Sight (Incl. Ref. #26)	1
3	2414–36	Clamp–Hose	2
4	93–6793	Ftg–Barb	1
5	32128–44	Nut–Flange	6
6	93–7160	Oil Cap Assembly	1
7	61–2790	Filler–Screen	1
8	93–6811	Tank–Hydraulic	1
9	83–9920	Bracket–Hydraulic Tank	1
10	240–11	Grommet	3
11	63–8410	Washer–Flat	3
12	323–5	Screw–HH	3
13	3230–23	Screw–Carriage	6
14	2412–34	Clamp–Hose	4
15	83–9651	Hose–Hydraulic	1

Ref. No.	Part No.	Description	No. Used
16	354–127	Fitting–45° (Incl. Ref. #26)	1
17	94–3633	U–Bracket Support	1
18	3234–4	Screw–HH	2
19	93–6799	Hose–Hydraulic	1
20	54–0110	Element–Oil Filter	1
21	68–8990	Head–Oil Filter	1
22	353–987	Fitting–90° (Incl. Ref. #26)	1
23	93–6857	Hose–Hydraulic	1
24	93–6804	Hose–Hydraulic	1
25	93–6806	Hose–Hydraulic	1
26	237–81	Seal–O–Ring	4
27	93–6794	Fitting – Special (Incl. Ref. #26)	1

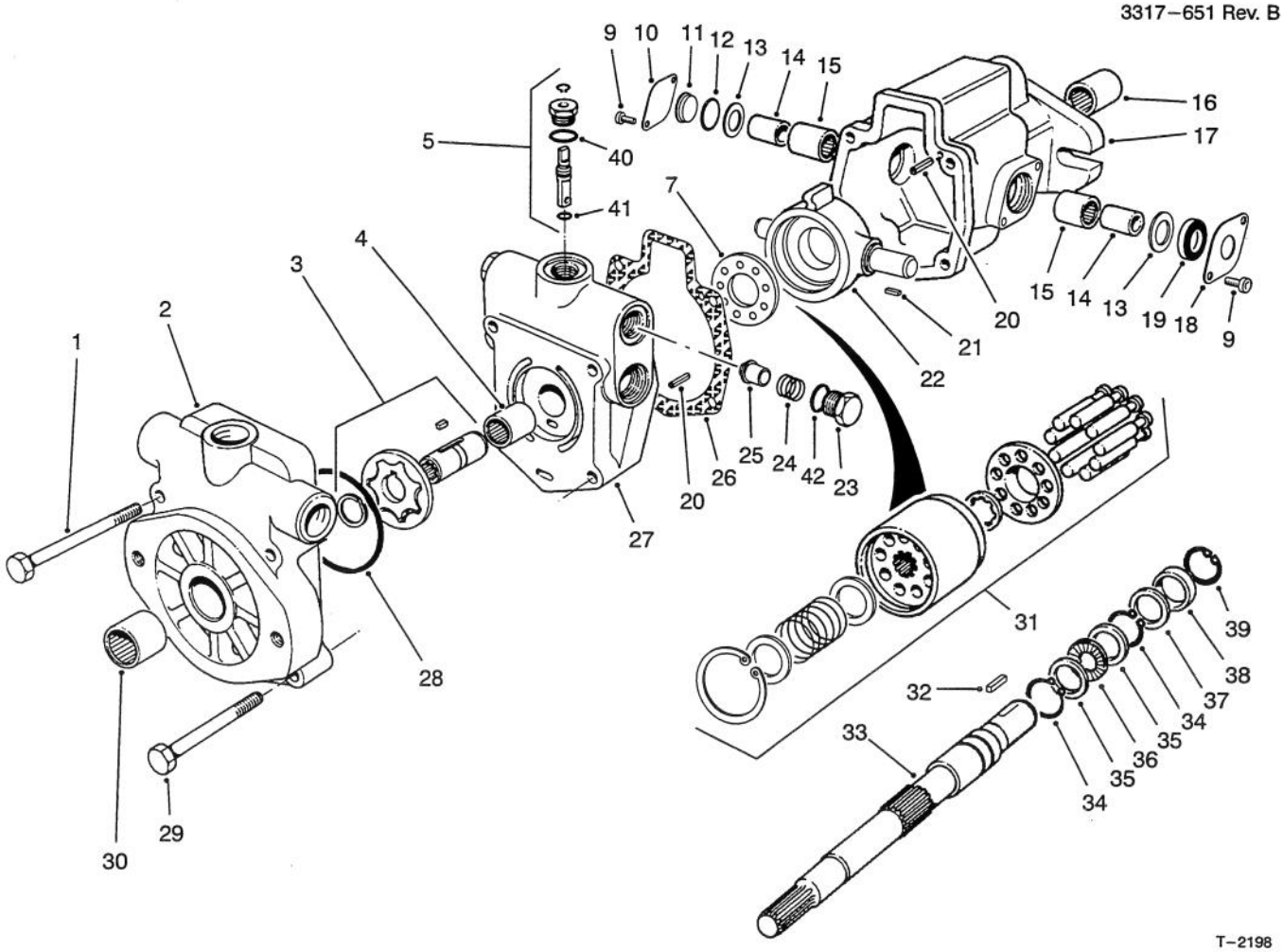


HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93–6842	Taper Lock Bushing Assy. (Incl. Ref. #32–34)	1
2	93–6840	Belt–Pump Drive	1
3	93–6841	Pulley	1
4	3296–23	Nut–Hex Lock	1
5	87–7270	Washer–Hardened	2
6	323–9	Screw–HH	2
7	93–6737	Pump Mount Mach	1
8	93–6751	Pump Assembly (Incl. Ref. #35)	1
9	80–6990	Washer–Hardened	2
10	3296–39	Nut–Hex Lock	2
11	93–6829	Hose Assy	1
12	340–139	90 Degree Elbow (Incl. Ref. #42 & 44)	2
13	340–4	Fitting–ORS (Incl. Ref. #40 & 43)	1
14	93–6797	Hose Asm	1
15	2412–36	Clamp–Hose	1
16	353–987	Fitting–90° (Incl. Ref. #42)	1
17	340–105	Elbow (Incl. Ref. #40–41)	1
18	93–6800	Hose–Hyd	1
19	93–6974	Pump–Reel Drive	1
20	353–949	O–Ring	1
21	340–98	Fitting (Incl. Ref. #40 & 43)	1

Ref. No.	Part No.	Description	No. Used
22	93–6795	Fitting–90° (Incl. Ref. #43)	1
23	93–6806	Hose	1
24	93–6848	Fitting–Barb 45° (Incl. Ref. #43)	1
25	2412–34	Clamp–Hose	2
26	325–36	Screw–HH	1
27	283–2	Pin–Clevis	1
28	3272–6	Pin–Cotter	1
29	93–6845	Yoke–Belt Adjust	1
30	3296–6	Nut–Lock	1
31	93–6828	Hose Assy	1
32	321–13	Screw–Cap Hex. Hd.	3
33	3253–3	Washer–Lock	3
34	3245–36	Screw–Set	1
35	94–3645	Key	1
36	93–6799	Hose–Hydraulic	1
37	93–6798	Hose–Hydraulic	1
38	93–6857	Hose–Hydraulic	1
39	323–7	Screw–HH	2
40	237–30	Seal–O–Ring	3
41	237–80	Seal–O–Ring	1
42	237–81	Seal–O–Ring	3
43	237–79	Seal–O–Ring	4
44	237–65	Seal–O–Ring	2
45	3290–379	Tie – Cable	2
46	94–3688	Sleeve – Protective	1

*Not Illustrated



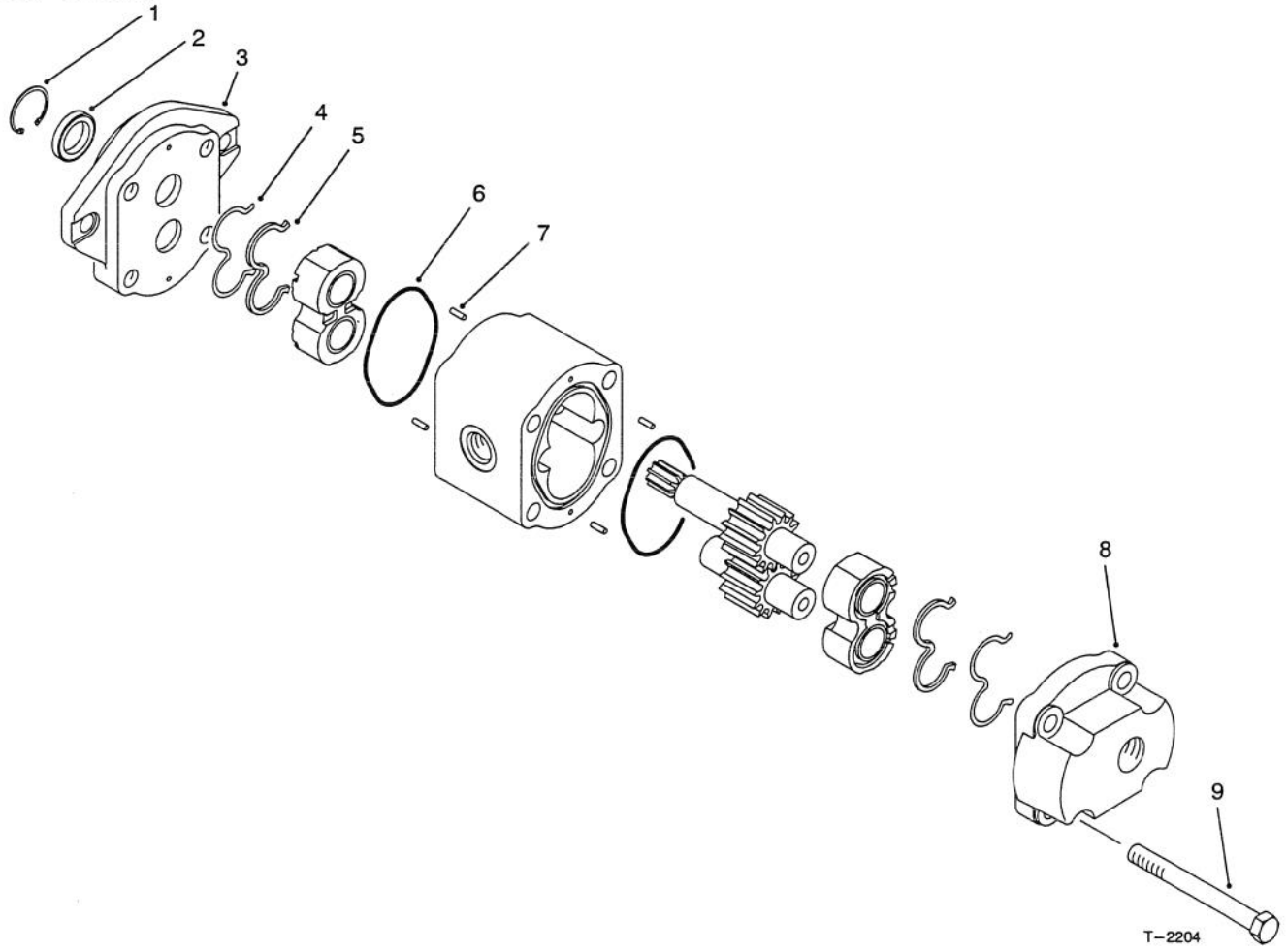
T–2198

HYDRAULIC PUMP ASSEMBLY NO. 93–6751

Ref. No.	Part No.	Description	No. Used
1	322–3	Screw–Cap Hex. Hd.	2
2	94–3647	Charge Pump Adaptor Assy. (Incl. Ref. #30)	1
3	94–3648	Gerotor Assembly	1
4		Bearing	1
5	94–3650	Valve Assembly	1
7	94–3649	Plate–Valve	1
9	60–6330	Screw–Pan Hd.	4
10	76–6090	Cover–Trunnion	1
11	76–6100	Cover–O–Ring	1
12	76–6140	Seal–O–Ring	1
13	76–6180	Washer	2
14	33–3750	Race–Inner	2
15	252–95	Bearing	2
16		Bearing	1
17	94–3641	Housing Assembly (Incl. Ref. #16)	1
18	76–6080	Cover–Seal	1
19	76–6190	Seal–Shaft	1
20	76–6150	Pin–Dowel	2
21	94–3646	Key	1
22	94–3643	Camplate	1
23	70–1240	Plug Assembly (Incl. Ref. #42)	2

Ref. No.	Part No.	Description	No. Used
24	76–6200	Spring	2
25	94–3644	Seat	2
26	33–4930	Gasket	1
27	94–3640	Backplate Assembly (Incl. Ref. #4 & 20)	1
28		Seal–O–Ring	1
29	322–20	Screw–Cap Hex. Hd.	2
30		Bearing	1
31	76–6070	Rotating Parts Kit	1
32	94–3645	Key	1
33	94–3642	Shaft–Drive	1
34	32151–29	Ring–Retaining	2
35	252–71	Race–Bearing	2
36	252–66	Bearing–Thrust	1
37	33–3270	Washer	1
38	42–2720	Seal–Shaft	1
39	32151–13	Ring–Retaining	1
40		Seal–O–Ring	1
41		Seal–O–Ring	1
42		Seal–O–Ring	2
*	94–3651	Seal Kit (Incl. Ref. #12, 19, 26, 28, 34, 38 & 39–42)	

*Not Illustrated

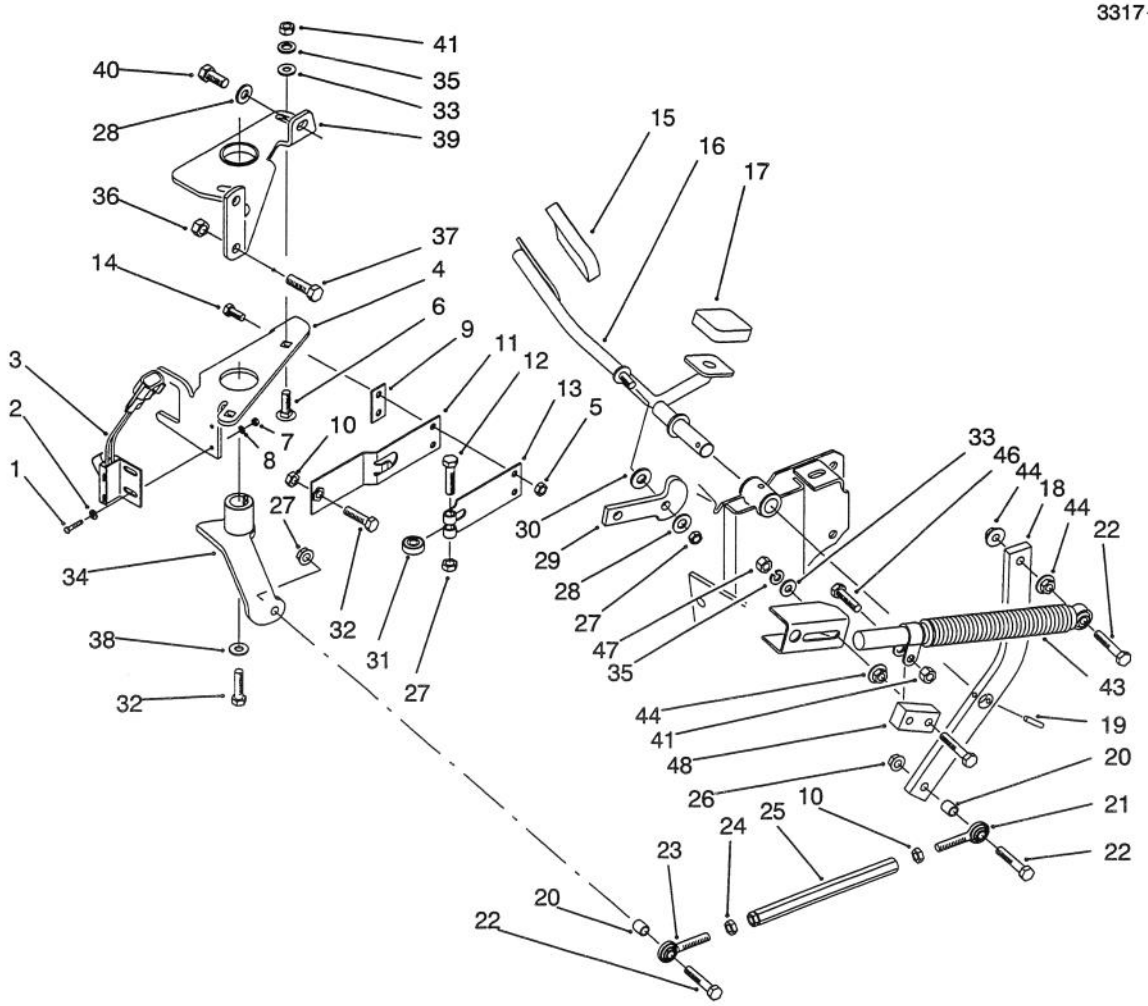


HYDRAULIC PUMP ASSEMBLY NO. 93–6974

Ref. No.	Part No.	Description	No. Used
1		Ring–Retaining	1
2		Seal–Shaft	2
3	94–3624	Flange Assembly (Incl. Ref. #1, 2 & 7)	1
4		Seal–E	2
5		Ring–Backup	2

Ref. No.	Part No.	Description	No. Used
6		Seal–O–Ring	2
7	94–3625	Pin–Dowel	4
8	94–3626	Cover–End	1
9	94–3639	Bolt	4
*	94–3623	Seal Kit (Incl. Ref. #1, 2 & 4–6)	1

*Not Illustrated



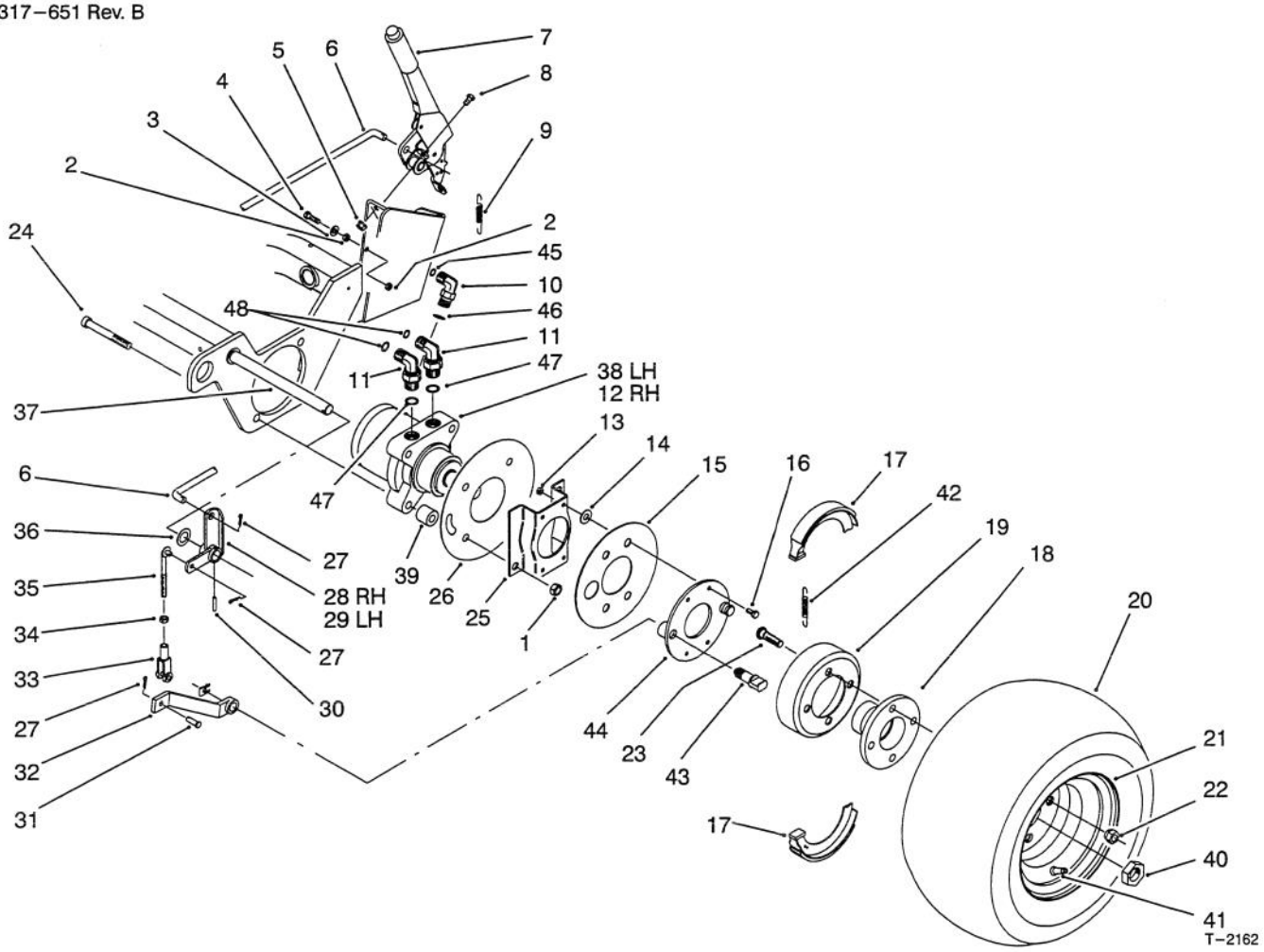
T–2161

TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3249–3	Screw Rd Hd	2
2	3256–53	Washer–Flt	2
3	94–1754	Micro Switch	1
4	93–6825	Plate–Pump	1
5	3296–16	Nut–Lock	2
6	3230–2	Screw–Carriage	2
7	3217–29	Nut–HH	2
8	3254–9	Washer–Lock Int Tooth	2
9	51–3150	Shim–Spring Arm	1
10	3220–2	Nut–Hex Jam	2
11	29–6170	Extended Leaf Spring Asm	1
12	322–17	Screw–HH	1
13	29–6150	Spring–Leaf	1
14	321–6	Screw–HH	2
15	74–9100	Pad–Pedal Forward	1
16	83–8270	Pedal WA–Traction	1
17	74–9110	Pad–Pedal Reverse	1
18	93–6936	Arm–Traction	1
19	32121–6	Pin–Roll	1
20	93–6859	Spacer	2
21	2411–52	Bearing–Rod End RH	1
22	322–9	Screw–HH	4
23	2411–53	Bearing–Rod End LH	1

Ref. No.	Part No.	Description	No. Used
24	3220–20	Nut–Jam	1
25	83–8760	Rod–Pump Control	1
27	3296–59	Nut–Lock	1
28	3256–24	Washer–Flat	2
29	74–6110	Stop–Cam	1
30	66–2920	Washer–Nylon	1
31	251–259	Bearing–Ball	1
32	3210–7	Screw–HH	2
33	3256–23	Washer–Flt	3
34	93–6824	Pump Lever Asm	1
35	3253–4	Washer–Spring Lock	3
36	3296–39	Nut–Hex Lock	2
37	323–7	Screw–HH	2
38	87–8640	Washer–Flat Hardened	1
39	93–6826	Mounting Bracket WA	1
40	323–5	Screw–HH	1
41	3296–29	Nut–Hex Lock	3
43	76–8870	Dampner	1
44	32128–44	Nut–Flange Lock	3
46	322–6	Screw–Cap Hex. Hd.	1
47	3217–6	Nut–Hex.	1
48	76–9760	Pivot–Damper	1

*Not Illustrated

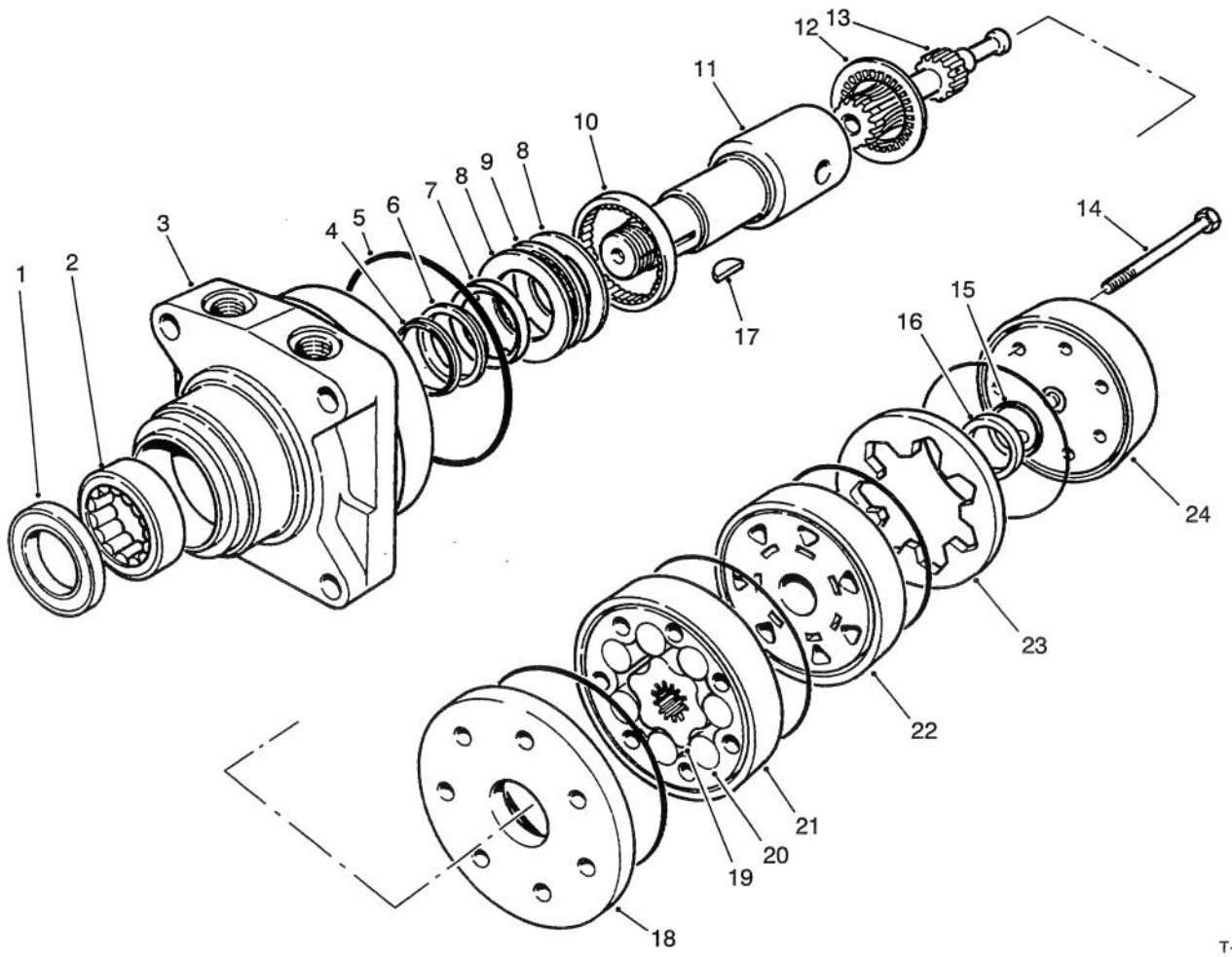


FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296–23	Nut–Hex Lock	8
2	32128–20	Nut–Lock Fl Whz	2
3	3256–23	Washer–Flt	1
4	322–17	Screw–HH	1
5	32128–44	Nut–Flange	2
6	83–9350	Rod–Adjusting	1
7	61–3990	Parking Brake WA	1
8	3234–5	Screw–Flg	2
9	5–7290	Spring	1
10	340–77	Fitting (Incl. Ref. #45 & 46)	1
11	340–17	Elbow ORS (Incl. Ref. #47 & 48)	4
12	75–9990	Motor–Hydraulic RH	1
13	3296–42	Nut–Hex Lock	8
14	3256–16	Washer–Flat	8
15	83–9340	Shield–Grass Brake	2
16	321–5	Screw–HH	8
17	70–9840	Shoe–Brake	4
18	93–6838	Hub–Wheel	2
19	10–6850	Drum Brake	2
20	93–6879	Tire	2
21	93–6881	Rim	2
22	242–50	Nut–Lug	8
23	85–6540	Drive Type Stud	4
24	3274–99	Screw–Socket Hd.	8

Ref. No.	Part No.	Description	No. Used
25	84–2000	Bracket–Brake	2
26	93–6905	Shield–Wheel	2
27	3272–6	Pin–Cotter	5
28	83–9310	Brake Arm WA–RH	1
29	83–9270	Brake Arm WA–LH	1
30	32121–6	Pin–Roll	2
31	283–1	Pin–Clevis	2
32	93–6850	Brake Lever WA	2
33	282–2	Clevis	2
34	3220–2	Nut–Hex Jam	2
35	84–1990	Rod–Adjusting	2
36	3–6498	Washer–Thrust	2
37	83–9330	Shaft–Brake	1
38	93–6888	Motor–Hydraulic LH	1
39	92–1715	Spacer	8
40	26–3790	Nut–Lock	2
41	232–27	Stem–Valve	2
42	70–9880	Spring–Extension	4
43	70–9860	Pin–Pivot	2
44	70–9870	Plate–Brake	2
45	237–22	Seal–O–Ring	1
46	237–42	Seal–O–Ring	1
47	237–80	Seal–O–Ring	4
48	237–65	Seal–O–Ring	4
*	71–1500	Brake Assembly (Incl. Ref. #17 & 42–44)	2

*Not Illustrated

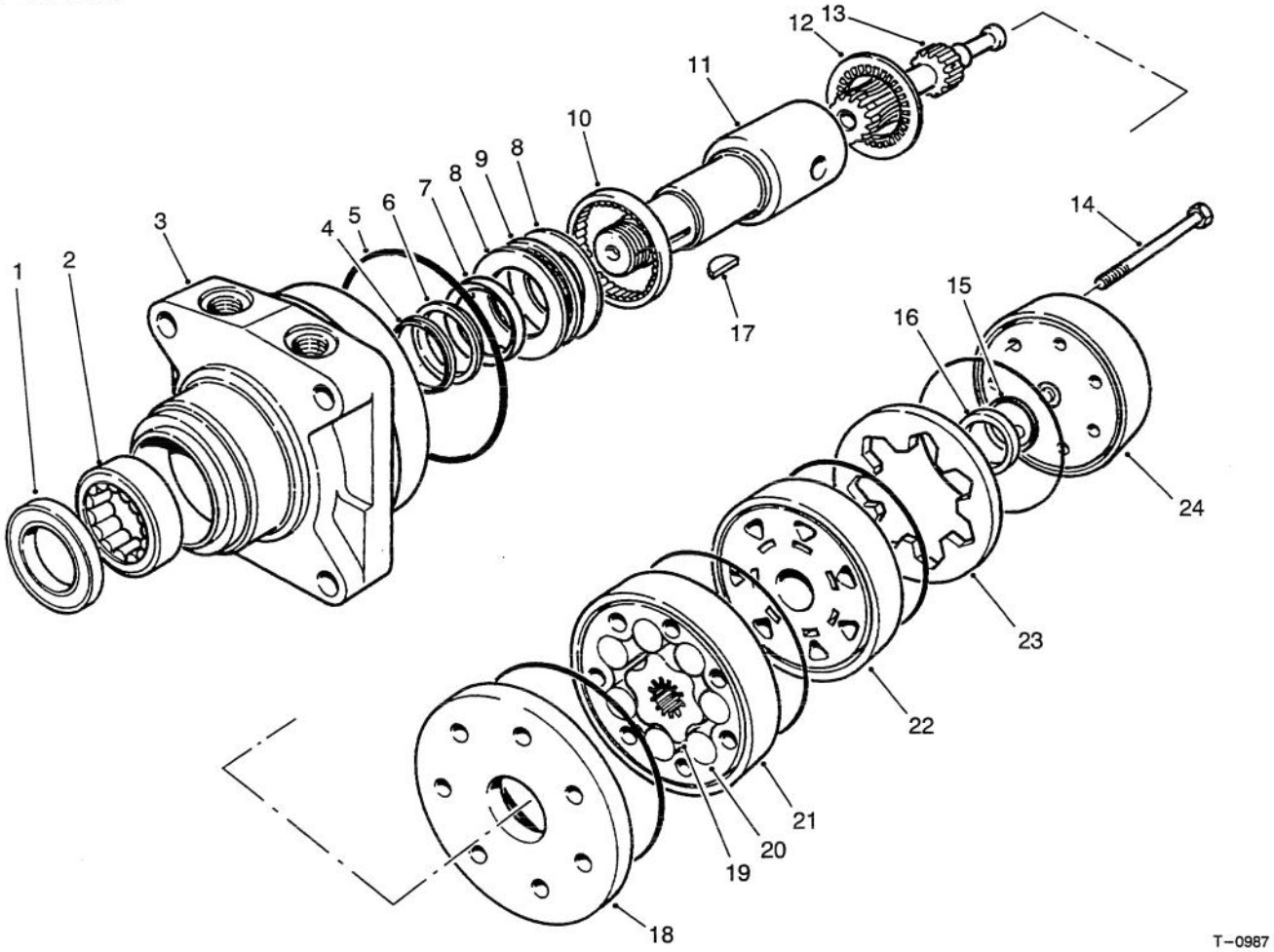


T–0987

HYDRAULIC DRIVE MOTOR NO. 75–9990

Ref. No.	Part No.	Description	No. Used
1		Seal–Dirt & Water	1
2		Bearing	1
3		Housing	1
4		Washer–Backup	1
5		Seal Rings	5
6		Washer–Backup	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	76–0960	Link–Drive	7
14	76–1010	Screw–Cap, Hex. Hd.	1
15		Seal–Commutator	1
16		Commutator	1
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
*	76–0970	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

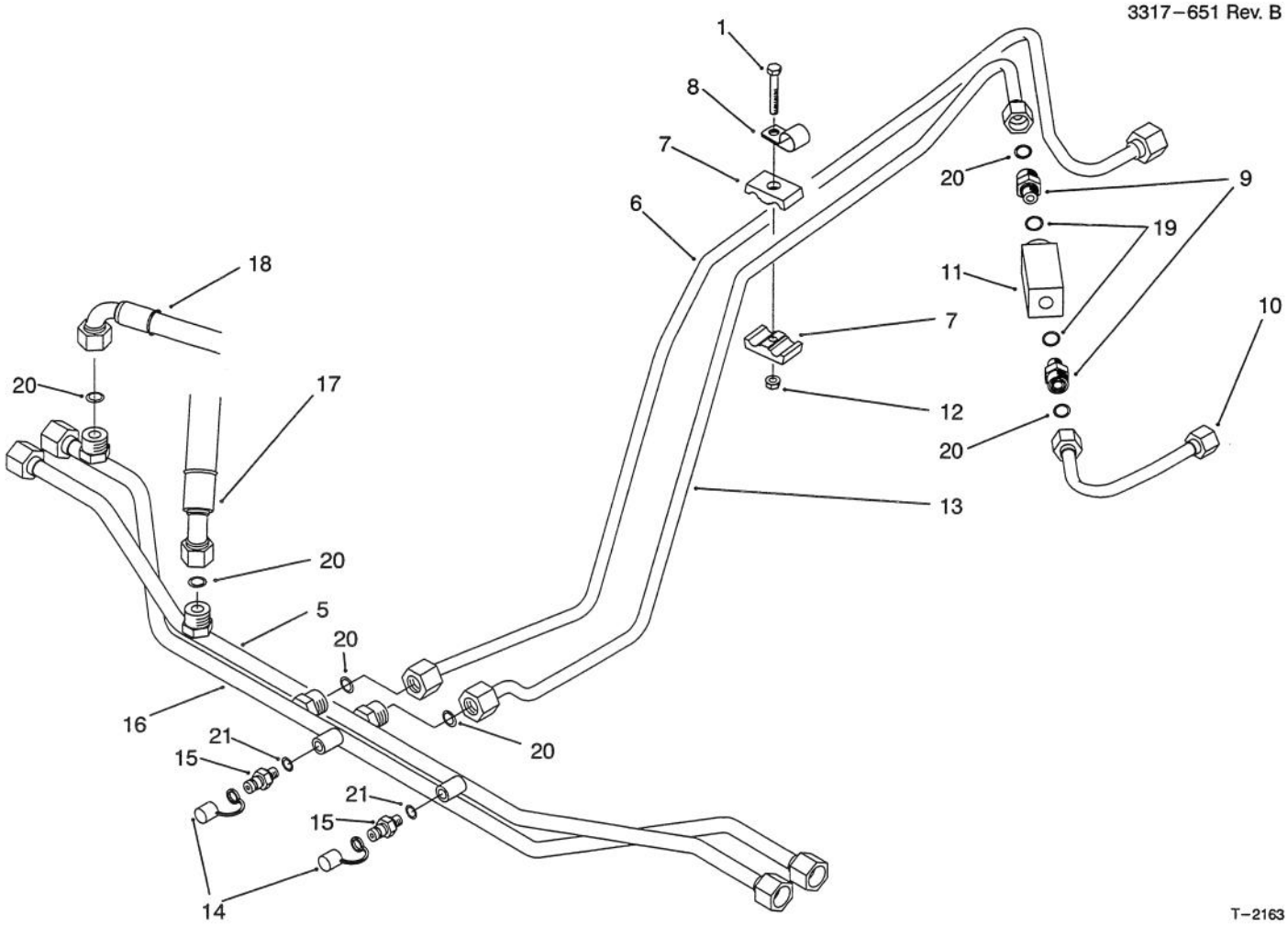


HYDRAULIC DRIVE MOTOR NO. 93–6888

Ref. No.	Part No.	Description	No. Used
1		Seal–Dirt & Water	1
2		Bearing	1
3		Housing	1
4		Washer–Backup	1
5		Seal Rings	5
6		Washer–Backup	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	76–0960	Link–Drive	7
14	94–3662	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	76–0890	End Cover Assembly	1
*	76–0970	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

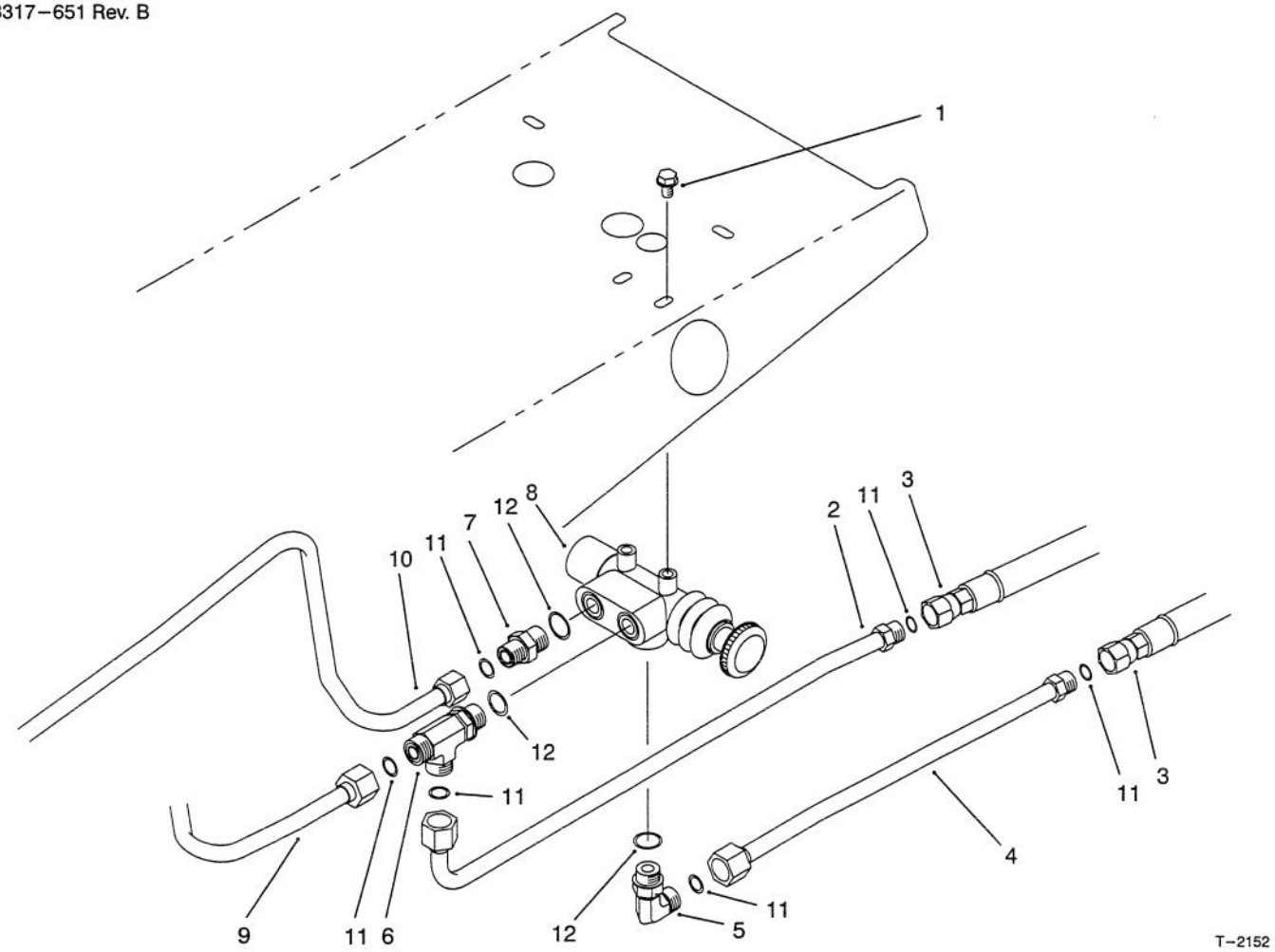


T–2163

DRIVE MOTOR PLUMBING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322–9	Screw–HH	1
5	93–6836	Tube Assy (Incl. Ref. #20)	1
6	93–6895	Tube–Asm–3wd Fwd	1
7	56–7976	Clamp–Tube	2
8	2412–104	Clamp–R	1
9	340–5	Ftg–ORS (Incl. Ref. #19 & 20)	2
10	83–9500	Tube Asm–3wd Valve	1
11	71–2960	Valve–Flow Control	1
12	3296–29	Nut–Hex Lock	1

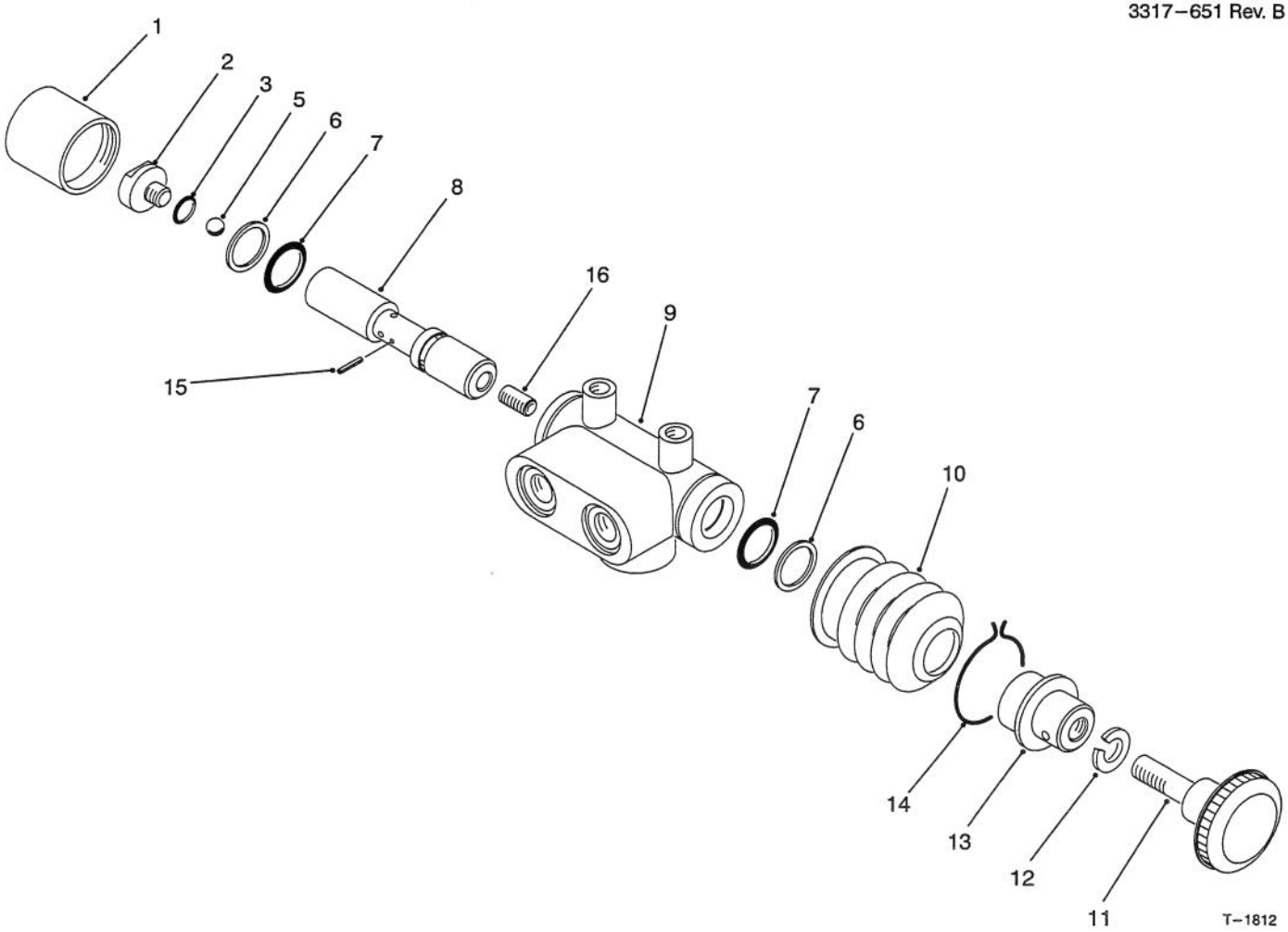
Ref. No.	Part No.	Description	No. Used
13	93–6896	Tube Asm–3wd Reverse	1
14	354–79	Cap–Fitting Yellow	2
15	354–77	Ftg–Quick Conn (Incl. Ref. #21)	2
16	93–6837	Tube Asm (Incl. Ref. #20)	1
17	93–6828	Hose–Hydraulic	1
18	93–6829	Hose–Hydraulic	1
19	237–42	Seal–O–Ring	2
20	237–30	Seal–O–Ring	6
21	237–78	Seal–O–Ring	2



REAR WHEEL DRIVE VALVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234–28	Screw–HH	2
2	93–6830	Tube–Hyd (Incl. Ref. #11)	1
3	93–6843	Hose Asm	2
4	93–6835	Tube–Hyd (Incl. Ref. #11)	1
5	340–98	Fitting (Incl. Ref. #11 & 12)	1

Ref. No.	Part No.	Description	No. Used
6	340–109	Fitting–Tee (Incl. Ref. #11 & 12)	1
7	340–4	Fitting–ORS (Incl. Ref. #11 & 12)	1
8	92–3196	Valve–2 Position	1
9	83–9500	Tube–Hydraulic	1
10	93–6895	Tube–Hydraulic	1
11	237–30	Seal–O–Ring	6
12	237–79	Seal–O–Ring	3



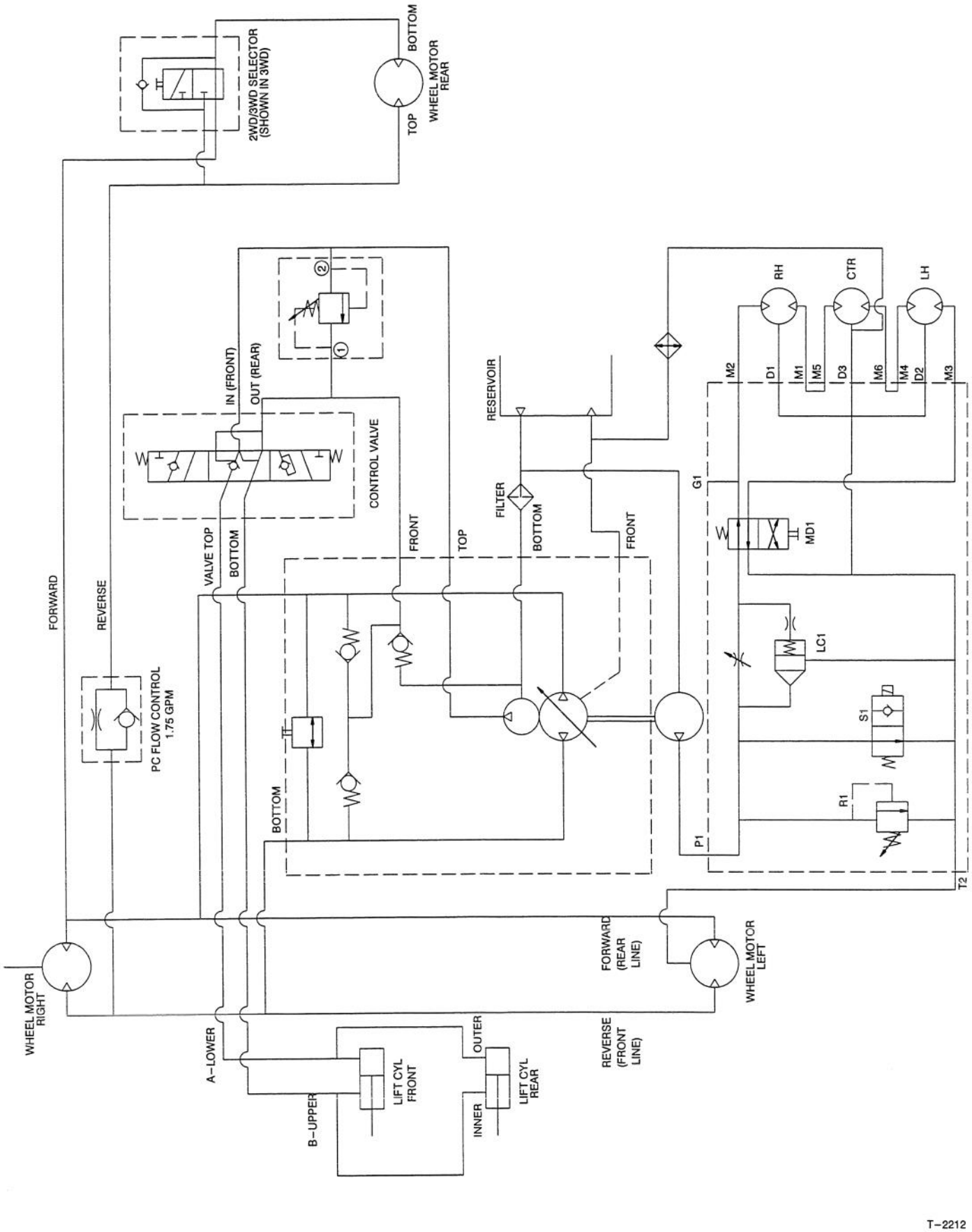
TWO POSITION VALVE ASSEMBLY NO. 92–3196

Ref. No.	Part No.	Description	No. Used
1	92–7904	Cap–Valve	1
2	94–3427	Plug Assembly (Incl. Ref. #3)	1
3	237–22	Seal–O–Ring	1
5	354–23	Ball	1
6		Ring–Back–Up	2
7		Seal–O–Ring	2
8		Spool–Valve	1
9		Housing–Valve	1
10	92–7911	Boot	1

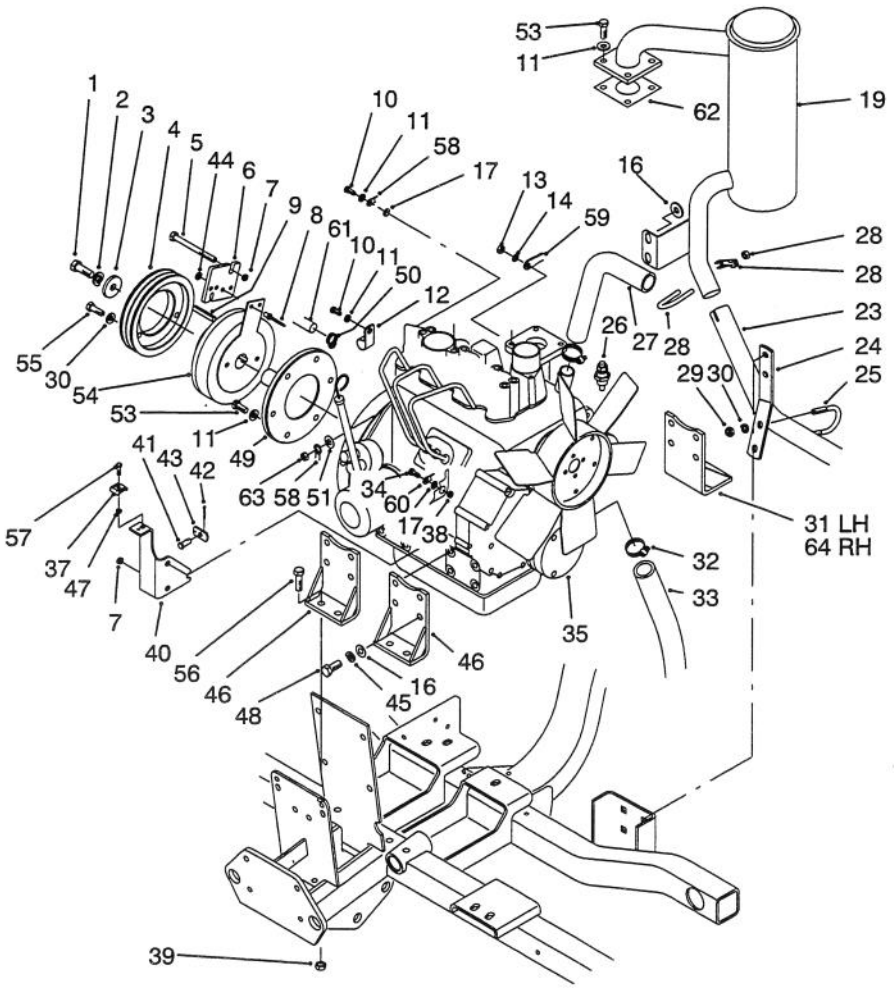
Ref. No.	Part No.	Description	No. Used
11	233–46	Knob	1
12	3253–5	Washer–Lock	1
13	94–3426	Stop–Valve	1
14	92–7912	Retainer–Boot	1
15	32121–38	Pin–Spring	1
16	94–3425	Screw	1
*	92–7913	Seal Repair Kit (Incl. Ref. #1, 3, 6, 7, 10 & 14)	1

*Not Illustrated

HYDRAULIC SCHEMATIC



T–2212



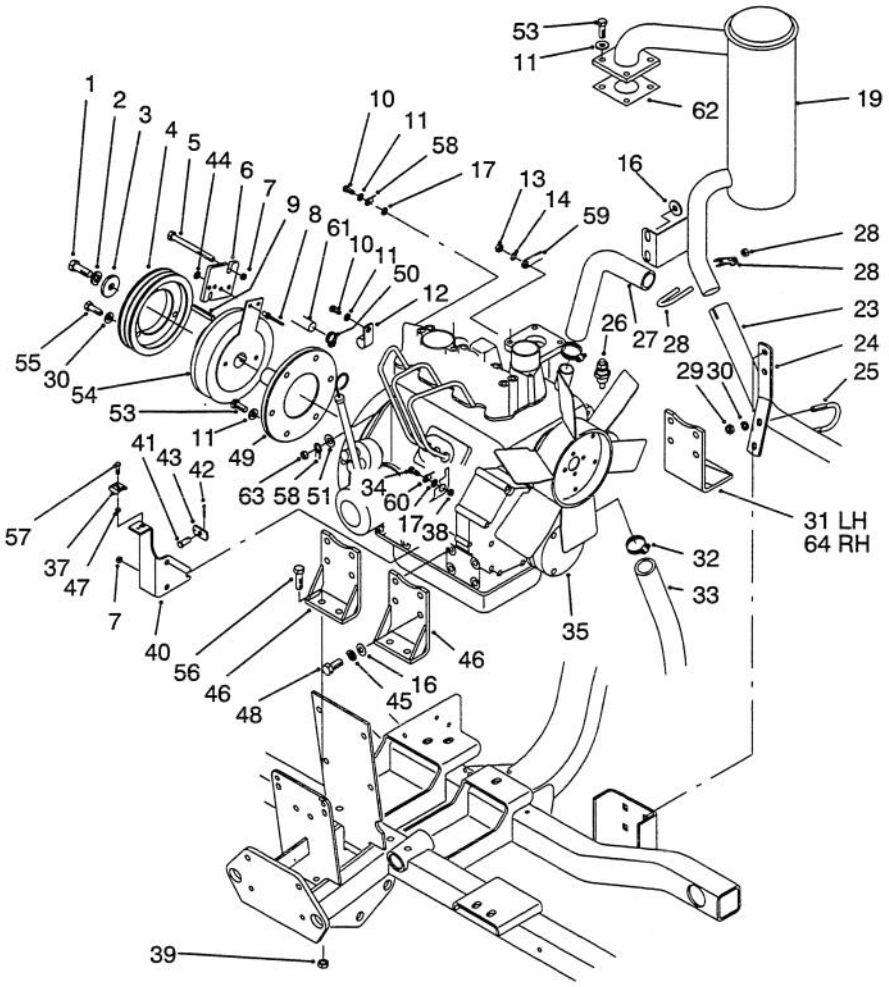
T–2158

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3212–5	Screw–HH	1
2	3253–6	Wasker–LK	1
3	44–8160	Washer–Clutch	1
4	93–6706	Pully–Engine	1
5	68–6030	Screw–HH	1
6	93–6725	Bracket–Wire Keeper	1
7	33004–00	Nut–HF	4
8	3290–412	Rivet–Pop	1
9	83–8080	Key	1
10	48–7700	Screw–HH	2
11	3256–23	Washer–FLT	12
12	2412–96	Clamp–R	1
13	57–6390	Nut–Jam	1
14	42–9850	Washer–Lock	1
16	80–6990	Washer–Hardened	16
17	3255–8	Washer–Lock	2
19	93–6719	Muffler	1
23	93–6721	Tube–Muffler	1
24	93–6720	Bracket–Muffler	1
25	93–6722	U–Bolt	1
26	82–3110	Sender–Temp	1
27	93–6728	Hose–Radiator Upper	1
28	2112–11	Clamp–Muffler	1
29	3217–6	Nut–Hex.	1
30	3253–4	Washer–Lock	4
31	93–6713	Bracket–Mount Rear LH	1

Ref. No.	Part No.	Description	No. Used
32	2412–34	Clamp–Hose	2
33	93–6729	Hose–Radiator Lower	1
34	3234–5	Screw–FLG	1
†35		Engine Assembly	1
37	81–1690	Clamp–Throttle Cable	1
38	32128–44	Nut–Flange	1
39	32128–43	Nut–Flange	7
40	93–6892	Bracket–Throttle Cable	1
41	283–62	Pin–Clevis	1
42	3272–10	Pin–Cotter	1
43	92–3154	Tab–Throttle	1
44	48–8010	Washer–Flat	2
45	48–9590	Washer–Lock	14
46	93–6712	Bracket–Mount Front	2
47	32148–14	Nut–Insert	1
48	48–7780	Screw–HH	16
49	93–6707	Spindle–Clutch	1
50	2412–108	Clamp–Hose	1
51	3255–17	Washer–Lock	1
53	66–3160	Screw	10
54	93–6727	Clutch–Electric	1
55	322–5	Screw–HH	1
56	3234–24	Screw–HH	7
57	3290–432	Screw–HH	1
58	94–3692	Harness–Wire	1
59	93–6775	Cable–Battery Pos.	1

†Obtain from your local Perkins Dealer.



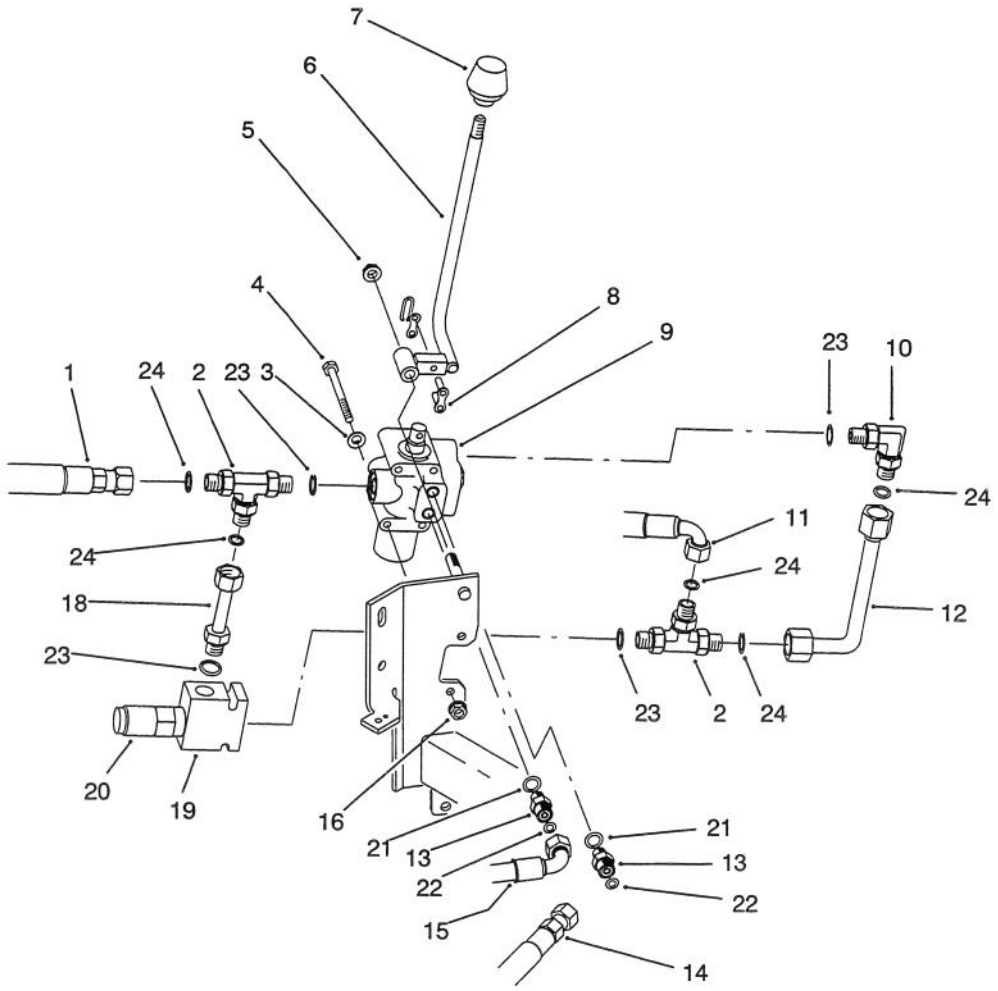
T–2158

ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
60	83–9210	Cable–Battery Neg.	1
61	75–4703	Hose–Fuel	1
†62		Gasket–Muffler	1

Ref. No.	Part No.	Description	No. Used
†63		Nut–Hex.	1
64	93–6946	Bracket–Mount Rear RH	1

†Obtain from your local Perkins Dealer.



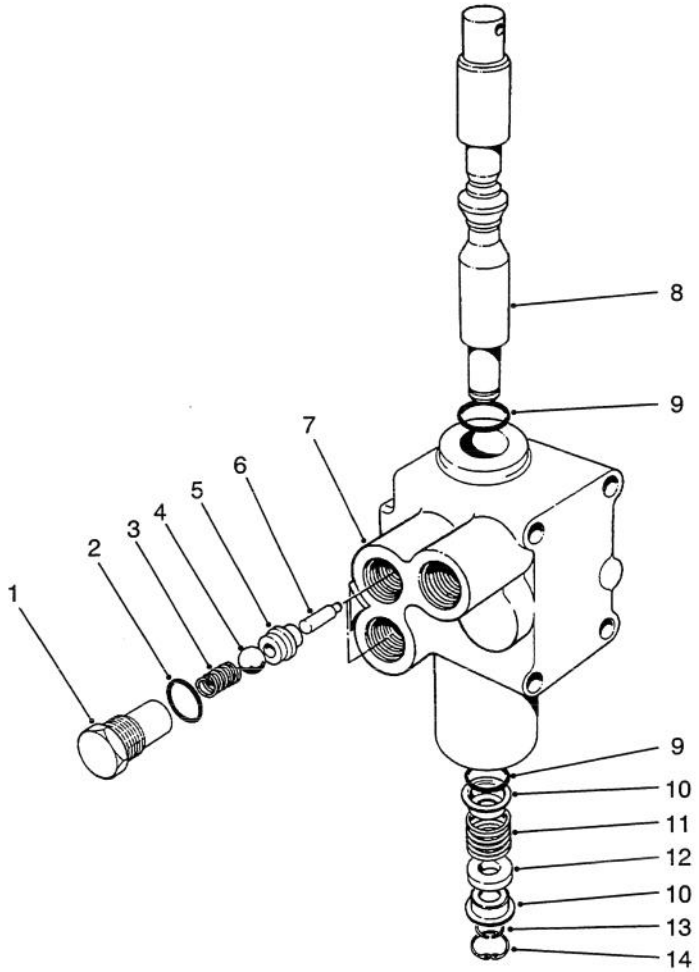
T–2164

CUTTING UNIT LIFT VALVE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93–6797	Hose Asm	1
2	340–86	Ftg–Hyd, Tee (Incl. Ref. #23 & 24)	2
3	3256–22	Washer–Flt	2
4	321–23	Screw–HH	2
5	3296–39	Nut–Hex Lock	1
6	85–5160	Valve Lever WA	1
7	233–37	Knob	1
8	2710–16	Connecting Link Asm	1
9	43–1950	Valve–Control Hydraulic	1
10	340–77	Fitting–Hyd 90° (Incl. Ref. #23 & 24)	1
11	93–6798	Hose Asm	1
12	93–6922	Tube–Hydraulic	1

Ref. No.	Part No.	Description	No. Used
13	340–92	Fitting–Straight (Incl. Ref. #21 & 22)	2
14	93–6807	Hose Asm	1
15	93–6887	Hose Asm	1
16	3296–16	Nut–Lock	2
18	93–6923	Tube–Hydraulic (Incl. Ref. #23)	1
19	94–3608	Body–Relief Valve	1
20	94–3607	Cartridge–Relief Valve	1
21	237–78	Seal–O–Ring	2
22	237–21	Seal–O–Ring	2
23	237–42	Seal–O–Ring	4
24	237–22	Seal–O–Ring	5
*	93–6921	Relief Valve Assembly (Incl. Ref. #19 & 20)	1

*Not Illustrated

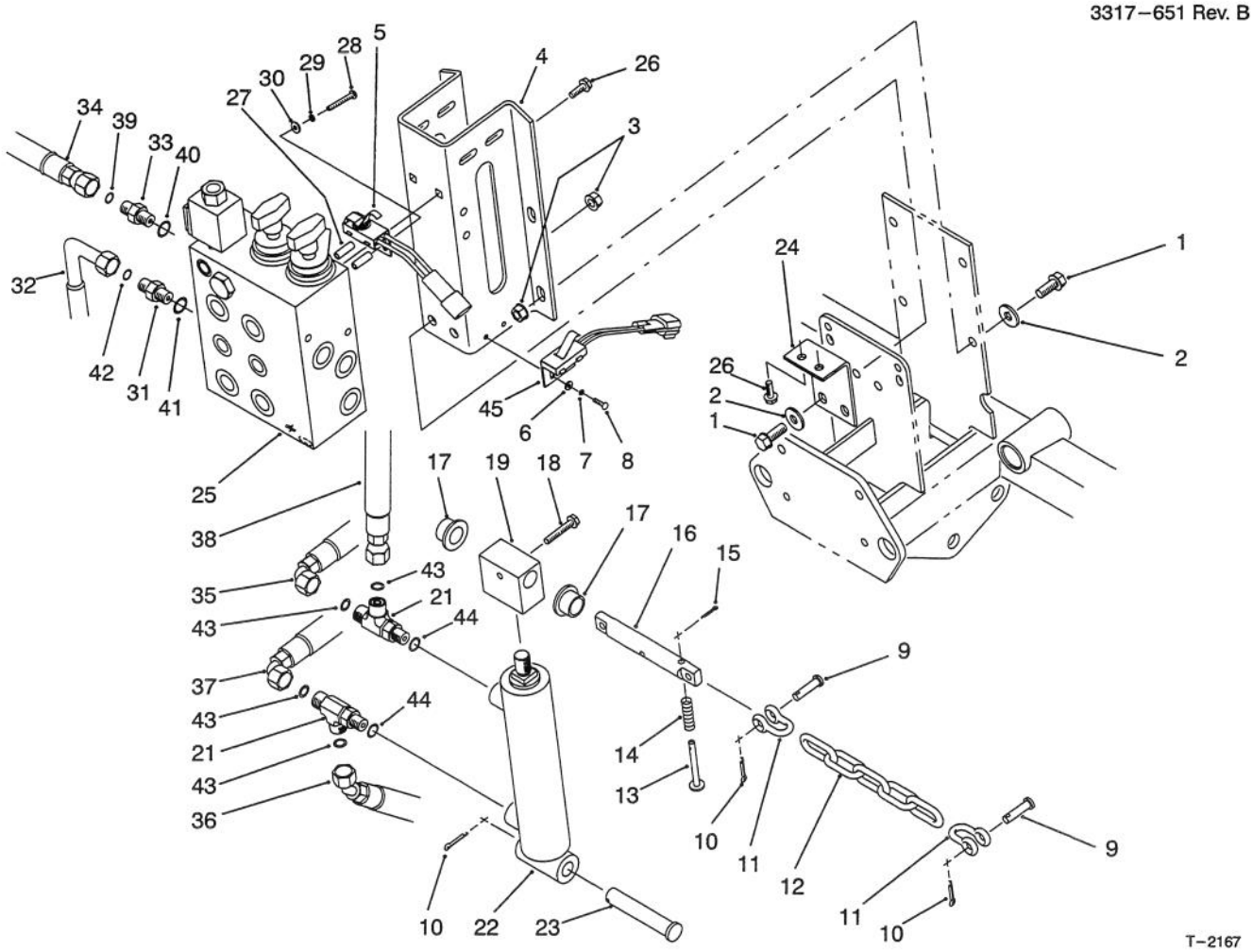


T–0280

CONTROL VALVE ASSEMBLY NO. 43–1950

Ref. No.	Part No.	Description	No. Used
1	22–8330	Plug	2
2	237–42	Seal–O–Ring	2
3	22–8340	Spring	2
4	22–8350	Ball	2
5	22–8370	Seat–Check Valve	2
6	22–8360	Pin–Cam	2
7		Body	1

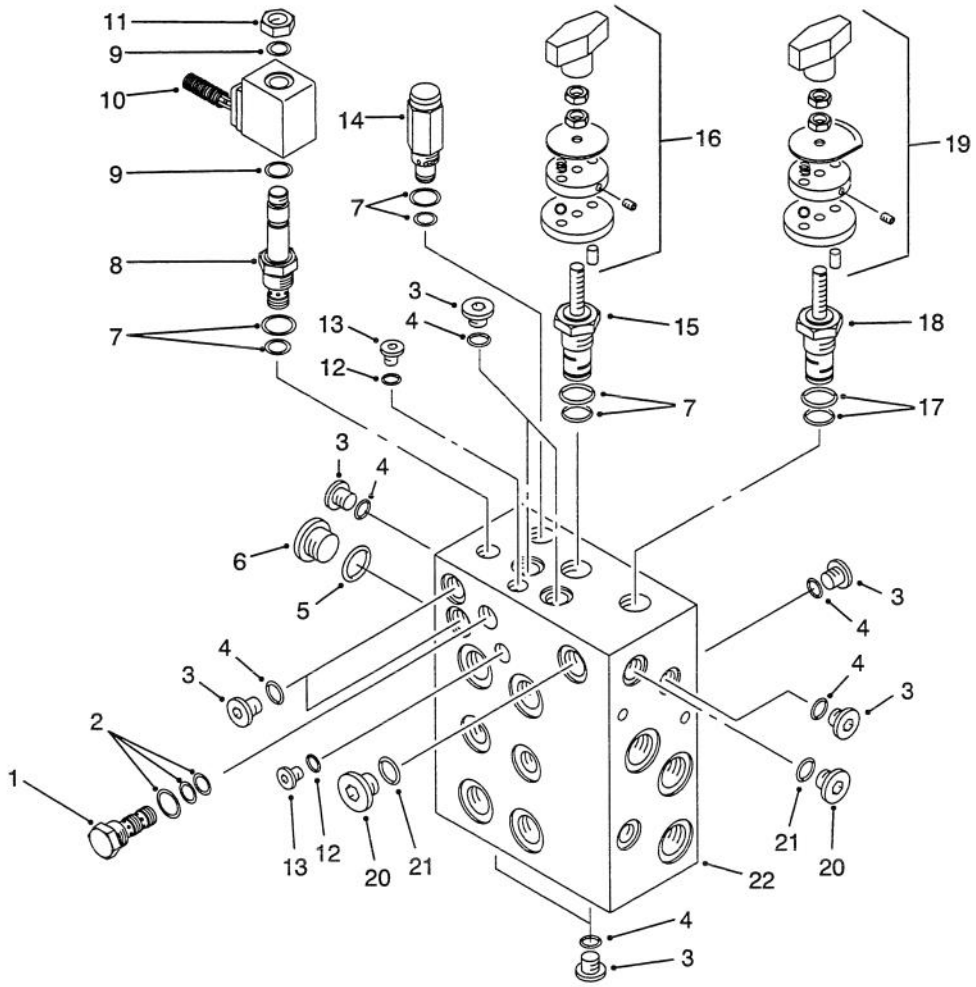
Ref. No.	Part No.	Description	No. Used
8	22–8420	Spool	1
9	22–8500	Seal–O–Ring	2
10	22–8380	Retainer–Spring	2
11	22–8410	Spring	1
12	23–3030	Spacer	1
13	22–8480	Snap Ring–Spool	1
14	22–8490	Snap Ring	1



FRONT CUTTING UNIT LIFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234–25	Bolt–Flange	6
2	80–6990	Washer–Hardened	6
3	32128–43	Nut–Whiz	5
4	93–6931	Bracket–Cyl Support	1
5	92–7905	Micro Switch	1
6	3256–53	Washer–Flt	1
7	3254–9	Washer–Lock Int Tooth	2
8	3290–130	Screw–Phillips	2
9	283–6	Pin–Clevis	4
10	3272–11	Pin–Cotter	5
11	282–4	Clevis	4
12	61–3830	Chain	2
13	71–1380	Pin–Switch Actuator	1
14	71–1370	Spring–Compression	1
15	3272–4	Pin–Cotter	1
16	72–4190	Pin–Cylinder Guide	1
17	84–8440	Bush–Flg	2
18	321–43	Screw–HH	1
19	61–2450	Hub–Lift	1
21	340–140	Tee (Incl. Ref. #43 & 44)	2
22	93–6774	Cylinder–Lift	1
23	283–78	Clevis Pin	1
24	93–6733	Brkt–Valve Mount	1

Ref. No.	Part No.	Description	No. Used
25	93–6718	Hydraulic Manifold Assembly	1
26	3234–5	Screw–Flg	3
27	93–6904	Spacer	2
28	32105–1	Screw–HH	2
29	3255–17	Washer–Lock Ext. Tooth	2
30	3256–14	Washer–Flat	2
31	340–2	Adaptor (Incl. Ref. #41 & 42)	1
32	93–6935	Hose Assembly	1
33	340–4	Adaptor (Incl. Ref. #39 & 40)	1
34	93–6800	Hose–Hydraulic	1
35	93–6890	Hose–Hydraulic	1
36	93–6889	Hose–Hydraulic	1
37	93–6807	Hose–Hydraulic	1
38	93–6887	Hose–Hydraulic	1
39	237–22	Seal–O–Ring	1
40	237–79	Seal–O–Ring	1
41	237–42	Seal–O–Ring	1
42	237–22	Seal–O–Ring	1
43	237–21	Seal–O–Ring	4
44	237–78	Seal–O–Ring	2
45	94–1754	Micro Switch	1



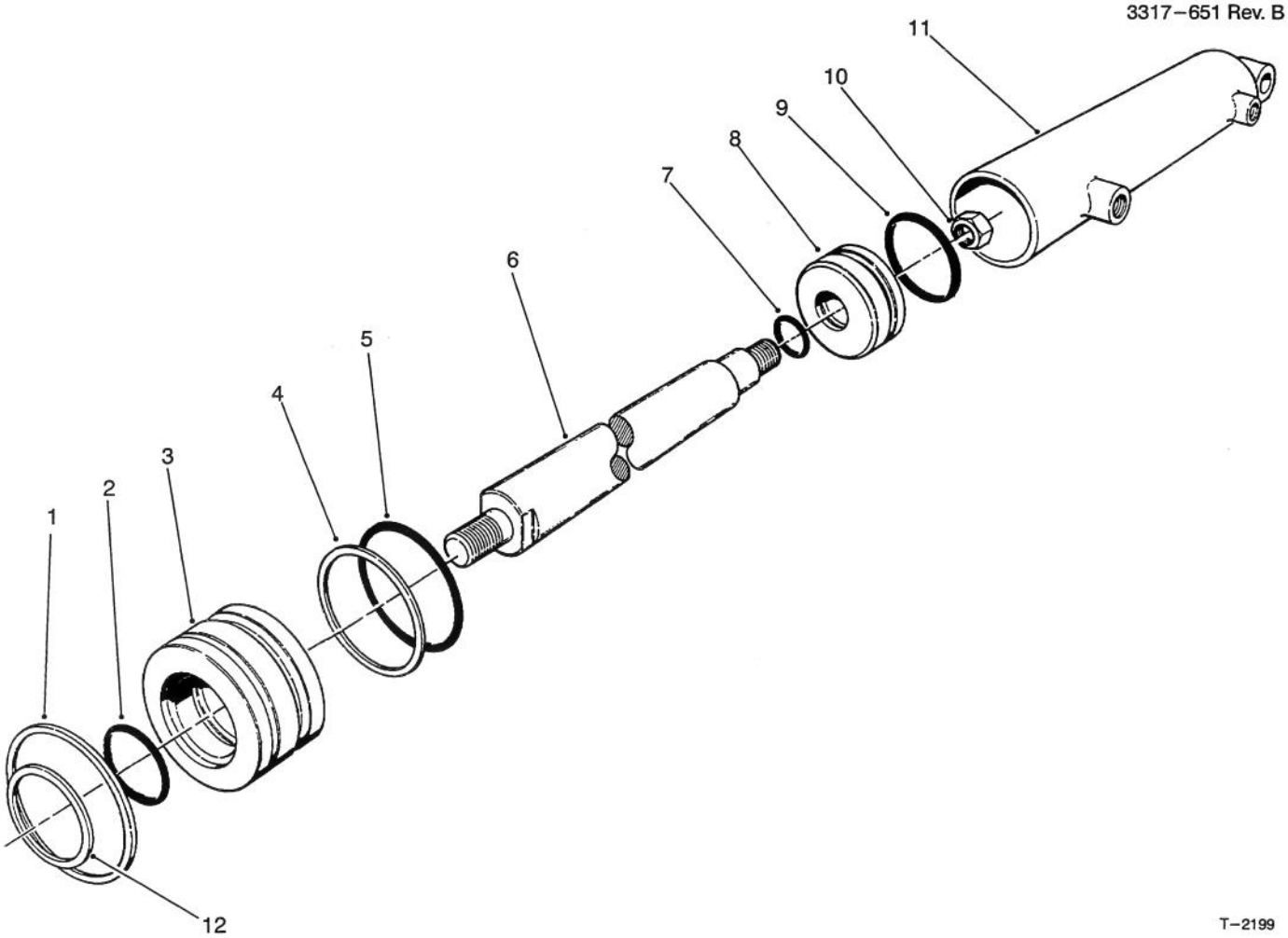
T–2203

HYDRAULIC MANIFOLD ASSEMBLY NO. 93–6718

Ref. No.	Part No.	Description	No. Used
1	69–4120	Cartridge Valve Assembly (Incl. Ref. #2)	1
2	69–4240	Seal Kit	1
3	353–990	Plug Assembly (Incl. Ref. #4)	7
4	237–78	Seal–O–Ring	7
5	237–79	Seal–O–Ring	1
6	353–988	Plug Assembly (Incl. Ref. #5)	1
7	75–2080	Seal Kit	3
8	94–3656	Spool Assembly (Incl. Ref. #7)	1
9		Seal–O–Ring	2
10	83–2010	Coil Assembly (Incl. Ref. #9)	1
11	69–4300	Nut	1

Ref. No.	Part No.	Description	No. Used
12	237–156	Seal –O–Ring	2
13	353–991	Plug Assembly (Incl. Ref. #12)	2
14	94–3655	Cartridge Valve Assembly (Incl. Ref. #7)	1
15	94–3659	Spool Assembly (Incl. Ref. #7)	1
16	94–3660	Knob Assembly	1
17	94–3661	Seal Kit	1
18	94–3657	Spool Assembly (Incl. Ref. #17)	1
19	94–3658	Knob Assembly	1
20	353–989	Plug Assembly (Incl. Ref. #21)	2
21	237–42	Seal–O–Ring	2
†22		Body–Manifold	1

†Not Serviced Separately



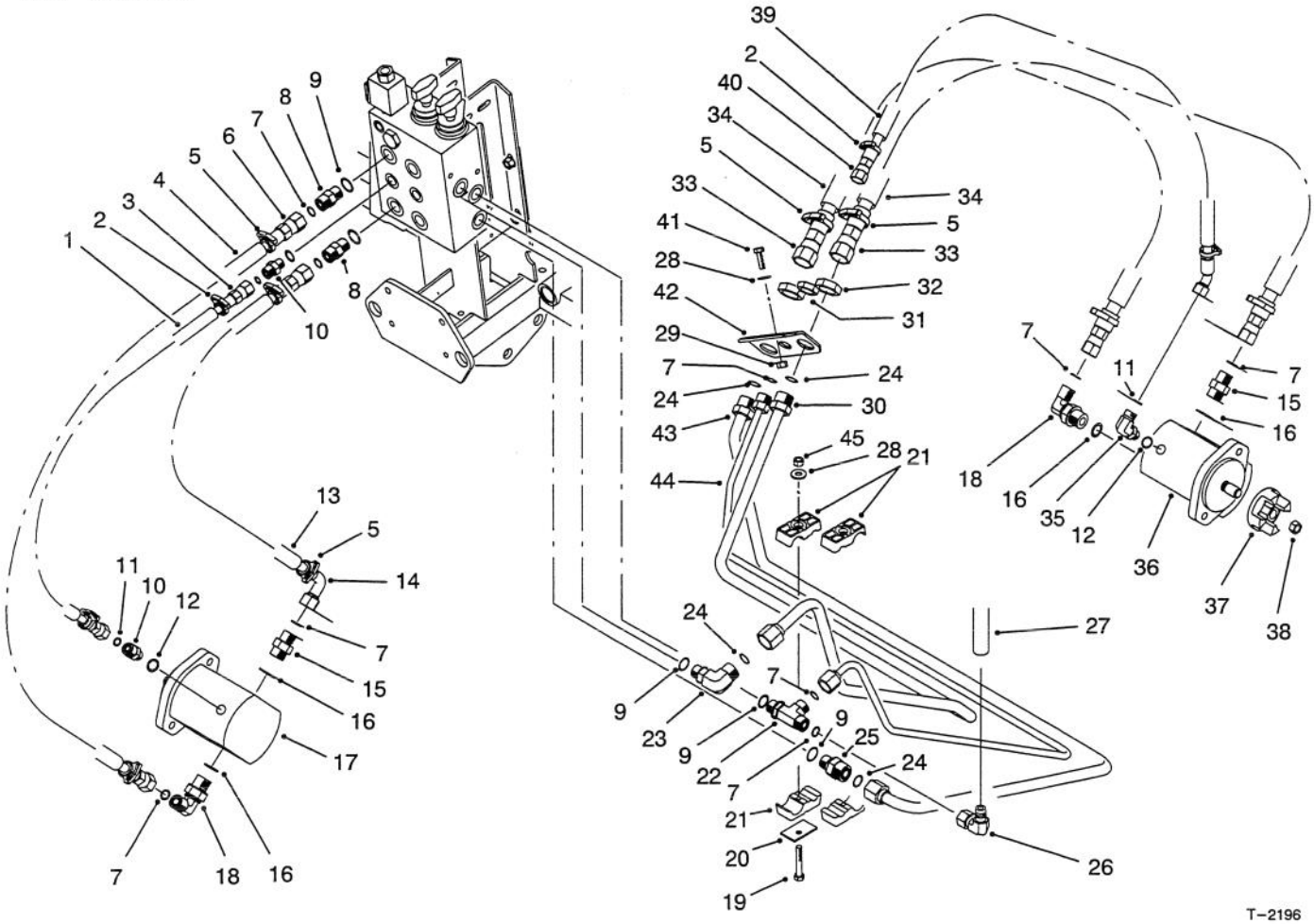
T–2199

HYDRAULIC CYLINDER ASSEMBLY NO. 93–6774

Ref. No.	Part No.	Description	No. Used
1	94–3612	Ring–Retaining	1
2		Seal–O–Ring	1
3	94–3611	Head	1
4		Washer–Backup	1
5		Seal–O–Ring	1
6	94–3610	Shaft	1
7		Seal–O–Ring	1
8	94–3609	Piston	1

Ref. No.	Part No.	Description	No. Used
9		Uniring	1
10	32152–10	Nut–Lock	1
11	94–3613	Barrel	1
12		Seal–Dust	1
*	94–3614	Repair Kit (Incl. Ref. #2, 4–5, 7, 9 & 12)	1

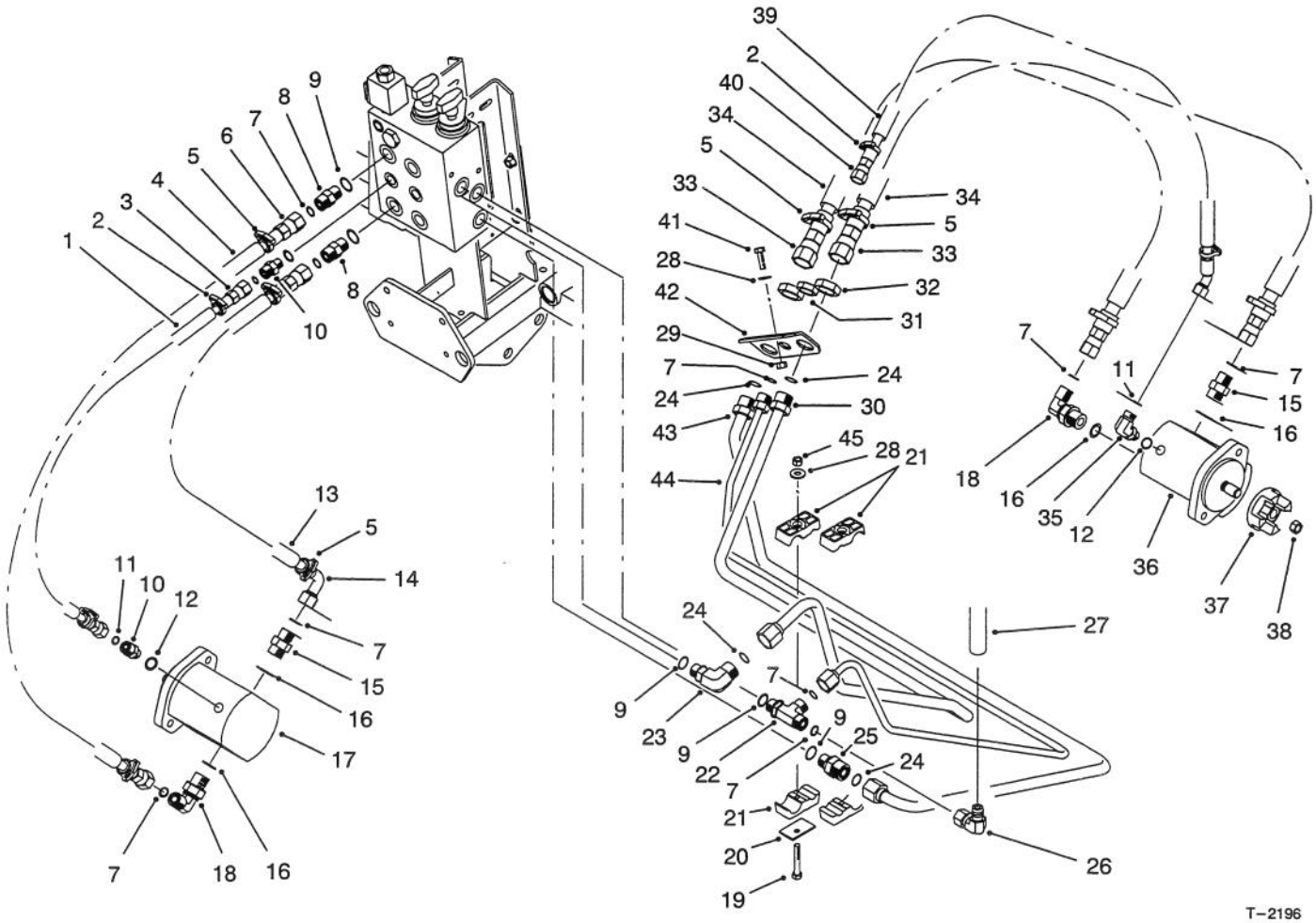
*Not Illustrated



CUTTING UNIT HYDRAULIC PLUMBING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1		Sleeve–Protective	2
2		Clamp–Sleeve	6
3	93–6787	Hydraulic Hose Assembly (Incl. Ref. #1 & 2)	2
4		Sleeve–Protective	2
5		Clamp–Sleeve	12
6	93–6788	Hydraulic Hose Assembly (Incl. Ref. #4 & 5)	2
7	237–30	Seal–O–Ring	13
8	340–4	Fitting–Hydraulic Straight (Incl. Ref. #7 & 9)	4
9	237–79	Seal–O–Ring	7
10	340–2	Fitting–Hydraulic Straight (Incl. Ref. #11 & 12)	2
11	237–22	Seal–O–Ring	3
12	237–42	Seal–O–Ring	3
13		Sleeve–Protective	2
14	93–6786	Hydraulic Hose Assembly (Incl. Ref. #5 & 13)	2
15	340–6	Fitting–Hydraulic Straight (Incl. Ref. #7 &16)	3
16	237–80	Seal–O–Ring	6
17	93–6972	Hydraulic Motor Assembly	2
18	340–105	Fitting–Hydraulic 90° (Incl. Ref. #7 & 16)	3
19	322–10	Screw–Cap Hex. Hd.	2

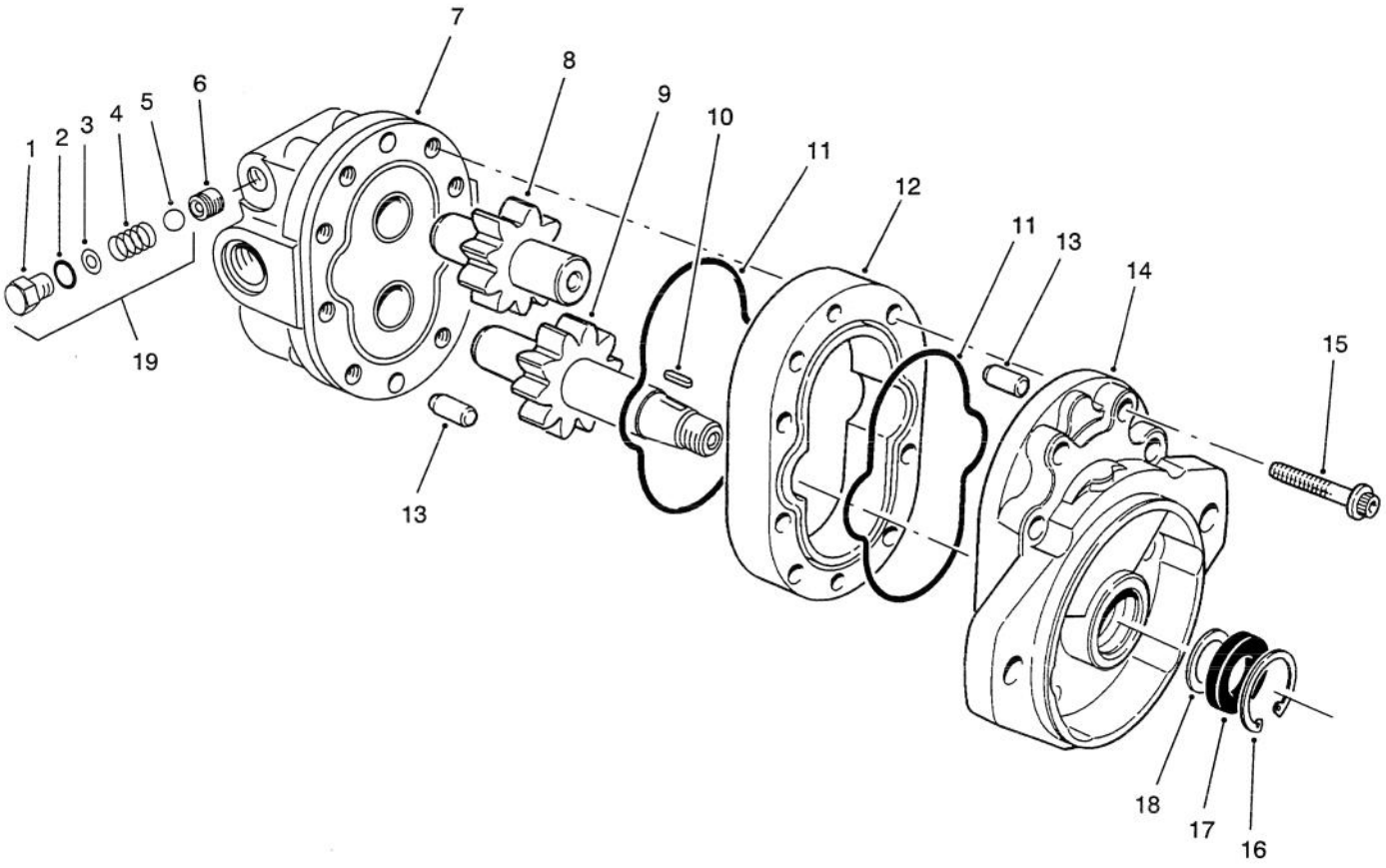
Ref. No.	Part No.	Description	No. Used
20	69–9760	Plate–Clamp	2
21	56–7970	Clamp–Tube	4
22	340–109	Fitting–Hydraulic Tee (Incl. Ref. #7 & 9)	1
23	340–153	Fitting–Hydraulic 90° (Incl. Ref. #9 & 24)	1
24	237–65	Seal–O–Ring	4
25	340–155	Fitting–Hydraulic Straight (Incl. Ref. #9 & 24)	1
26	93–6803	Fitting–Hydraulic 90°	1
27	93–6805	Hose–Hydraulic	1
28	3256–3	Washer–Flat	4
29	32128–44	Nut–Lock	2
30	93–6918	Hydraulic Tube Assembly (Incl. Ref. #24)	1
31	340–70	Nut–Bulkhead	1
32	340–74	Nut–Bulkhead	2
33	93–6790	Hydraulic Hose Assembly (Incl. Ref. #5 & 34)	2
34		Sleeve–Protective	2
35	340–77	Fitting–Hydraulic 90° (Incl. Ref. #11 & 12)	1
36	93–6975	Hydraulic Motor Assembly	1
37	93–8823	Coupling	3
38	32128–48	Nut–Lock	3
39		Sleeve–Protective	1



CUTTING UNIT HYDRAULIC PLUMBING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
40	93–6789	Hydraulic Hose Assembly (Incl. Ref. #2 & 39)	1
41	3234–5	Screw–Cap Hex. Hd.	2
42	93–6796	Bracket–Bulkhead	1

Ref. No.	Part No.	Description	No. Used
43	93–6919	Hydraulic Tube Assembly (Incl. Ref. #24)	1
44	93–6920	Hydraulic Tube Assembly (Incl. Ref. #7)	1
45	3296–29	Nut–Lock	2



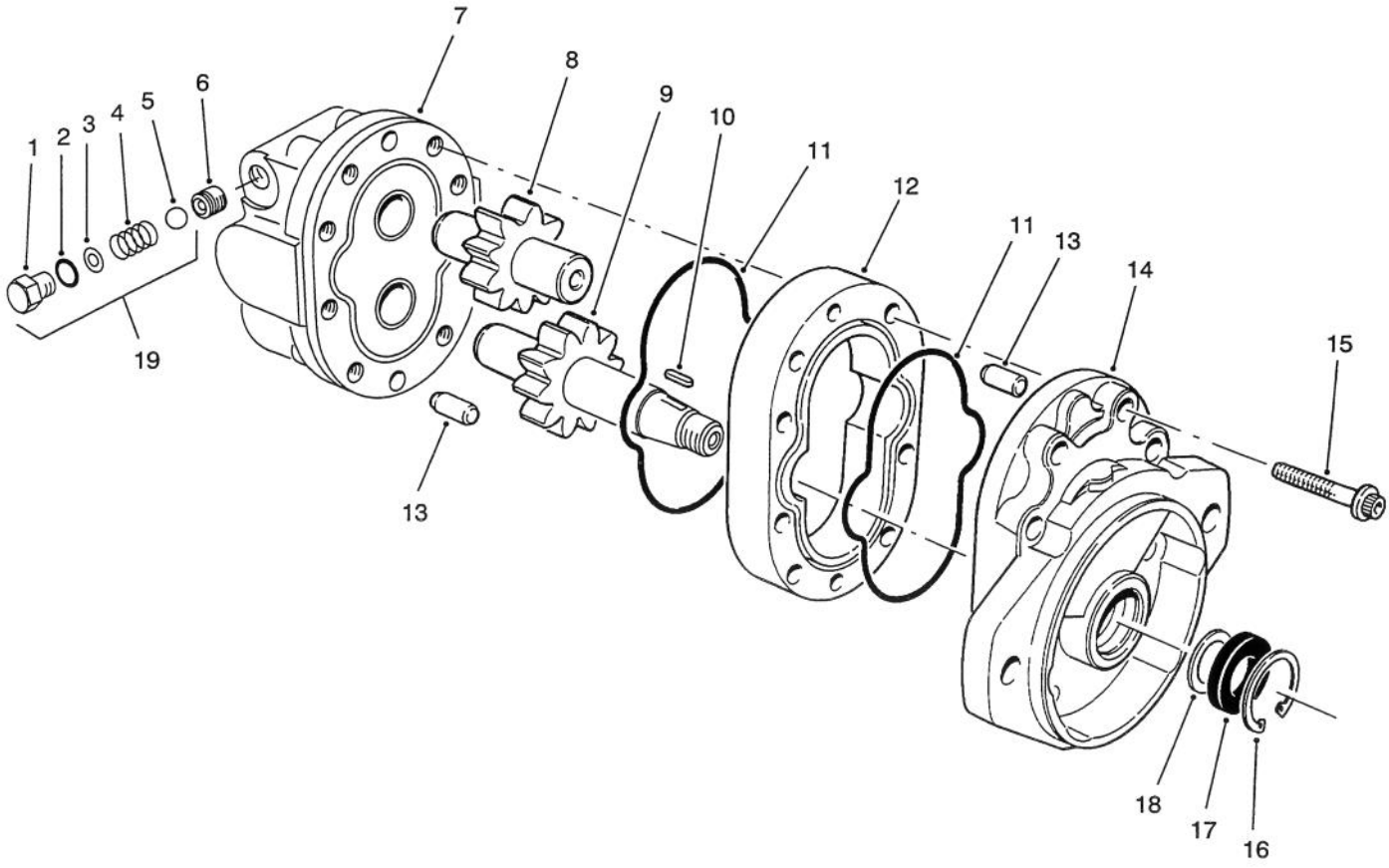
T–2184

REEL MOTOR ASSEMBLY NO. 93–6972

Ref. No.	Part No.	Description	No. Used
† 1		Plug	2
†2		Seal–O–Ring	2
†3		Shim	A/R
†4		Spring	2
†5		Ball	2
†6		Seal–Relief Valve	2
7	94–3604	Backplate/Relief Assembly (Incl. Ref. #19)	1
8	94–3601	Gear–Idler	1
9	94–3602	Gear–Drive	1
10	94–3606	Key	1
11	59–8420	Seal–O–Ring	2

Ref. No.	Part No.	Description	No. Used
12	94–3603	Body	1
13	42–2010	Pin–Alignment	2
14	66–5730	Front Plate Assembly	1
15	94–3600	Screw–Hex. Socket Hd.	8
16	59–8320	Ring–Retaining	1
17	66–5710	Seal–Oil	1
18	60–5890	Washer–Backup	1
19	92–9260	Relief Valve Assembly (Incl. Ref. #1–5)	1
*	93–1413	Seal Repair Kit (Incl. Ref. #11, 16, 17 & 2)	1

*Not Illustrated
†Not Serviced Separately



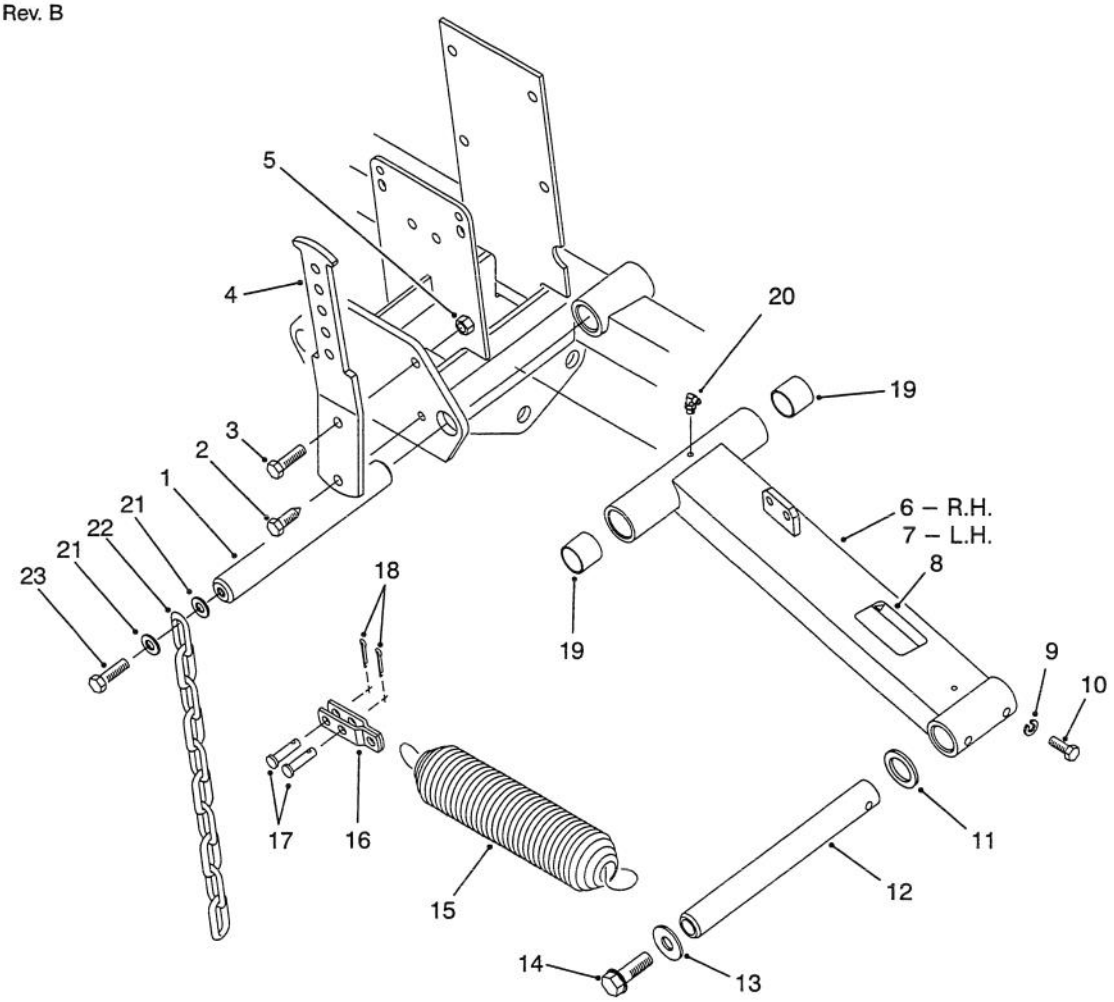
T–2185

REEL MOTOR ASSEMBLY NO. 93–6975

Ref. No.	Part No.	Description	No. Used
†1		Plug	2
†2		Seal–O–Ring	2
†3		Shim	A/R
†4		Spring	2
†5		Ball	2
†6		Seal–Relief Valve	2
7	94–3605	Backplate/Relief Assembly (Incl. Ref. #19)	1
8	94–3601	Gear–Idler	1
9	94–3602	Gear–Drive	1
10	94–3606	Key	1
11	59–8420	Seal–O–Ring	2

Ref. No.	Part No.	Description	No. Used
12	94–3603	Body	1
13	42–2010	Pin–Alignment	2
14	66–5730	Front Plate Assembly	1
15	94–3600	Screw–Hex. Socket Hd.	8
16	59–8320	Ring–Retaining	1
17	66–5710	Seal–Oil	1
18	60–5890	Washer–Backup	1
19	92–9260	Relief Valve Assembly (Incl. Ref. #1–5)	1
*	93–1413	Seal Repair Kit (Incl. Ref. #11, 16, 17 & 2)	1

*Not Illustrated
†Not Serviced Separately



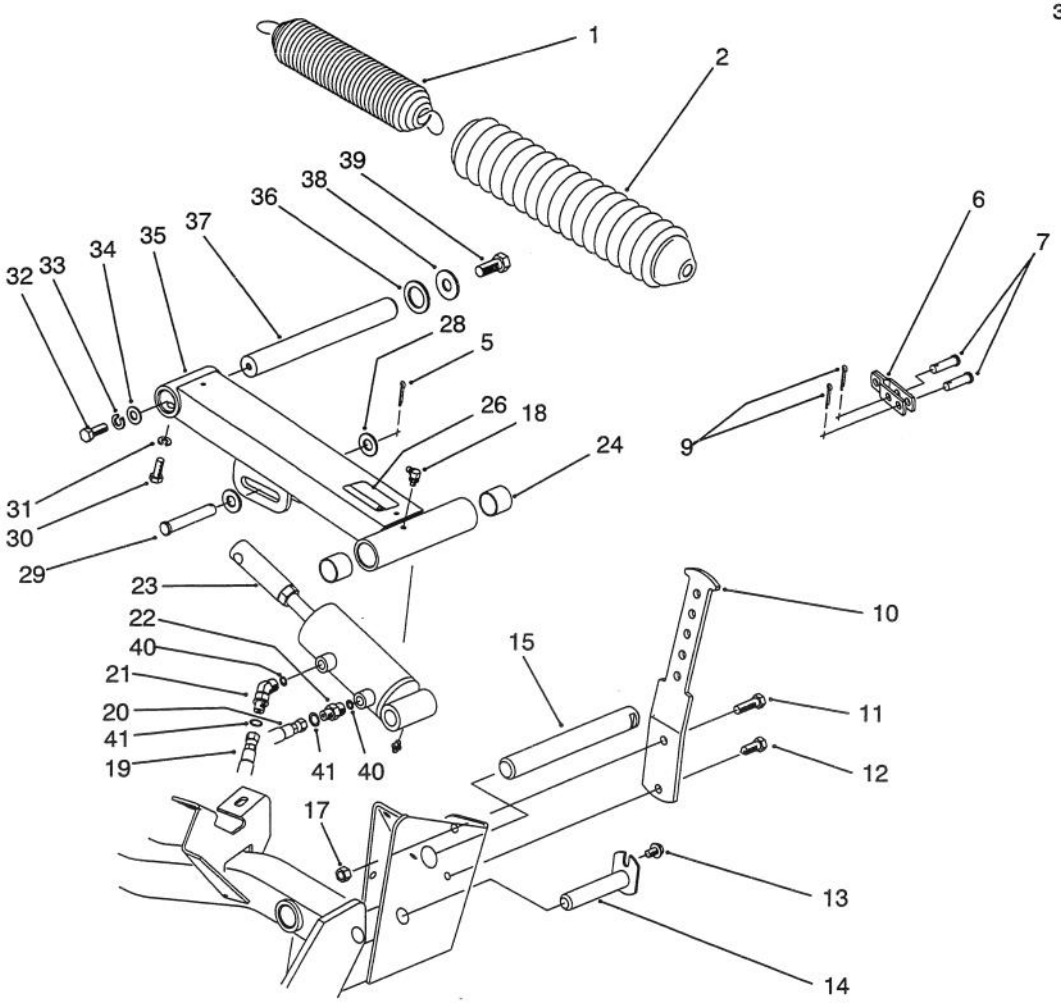
T–2165

FRONT CUTTING UNIT LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–1812	Shaft–Lift Pivot	2
2	32104–6	Screw–HH	2
3	323–7	Screw–HH	2
4	92–1818	Arm–Tension Spring	2
5	3296–39	Nut–Hex Lock	2
6	94–3636	Lift Arm Assembly RH (Incl. Ref. #8, 19 & 20)	1
7	94–3637	Lift Arm Assembly LH (Incl. Ref. #8, 19 & 20)	1
8	55–4300	Decal–Warning	2
9	3253–4	Washer–Spring Lock	2
10	322–4	Screw–HH	2
11	256–115	Washer–Thrust	2

Ref. No.	Part No.	Description	No. Used
12	92–1815	Rod–Pivot	2
13	3256–6	Washer–Flt	2
14	3234–32	Screw–HH	2
15	5–0743	Spring	2
16	93–6912	Shackle WA	2
17	283–75	Pin–Clevis	4
18	3272–10	Pin–Cotter	4
19	3–0348	Bushing	4
20	302–60	Fitting–Lube	2
21	3256–24	Washer–Flat	4
22	93–6738	Chain–Tipper	2
23	323–5	Screw–Cap Hex. Hd.	2

*Not Illustrated

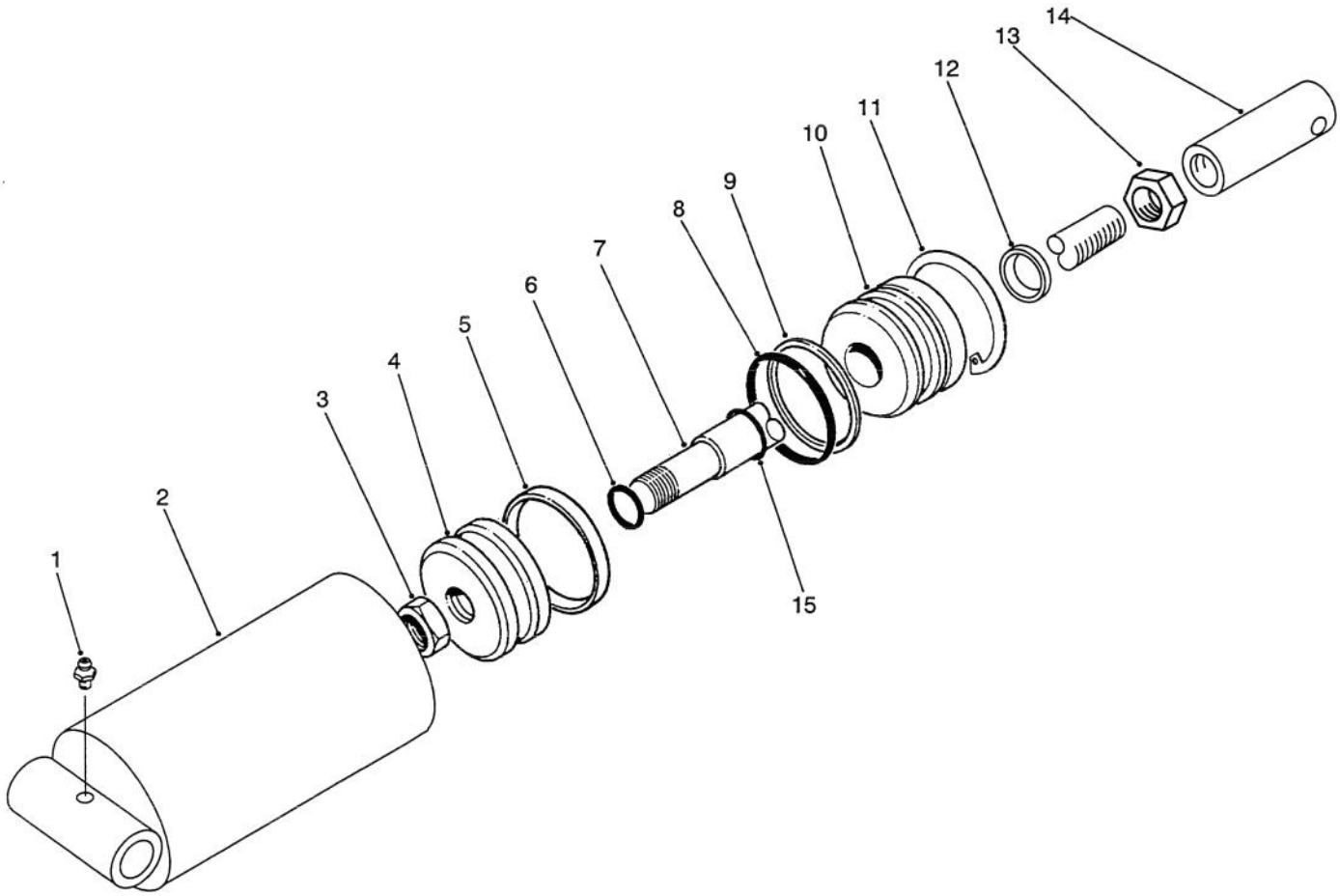


T–2166

REAR CUTTING UNIT LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5–0743	Spring	1
2	62–7240	Sleeve–Vinyl Spring	1
5	3272–11	Pin–Cotter	1
6	93–6912	Shackle WA	1
7	283–75	Pin–Clevis	2
9	3272–10	Pin–Cotter	2
10	92–1818	Arm–Tension Spring	1
11	323–7	Screw–HH	1
12	32104–6	Screw–HH	1
13	32144–14	Screw–HH	1
14	93–6893	Ram Pivot Pin WA	1
15	92–1812	Shaft–Lift Pivot	1
17	3296–39	Nut–Hex Lock	1
18	302–60	Fitting–Lube	1
19	93–6890	Hose Assy	1
20	93–6889	Hose Assy	1
21	340–103	Fitting (Incl. Ref. #40 & 41)	1
22	340–92	Fitting–Straight (Incl. Ref. #40 & 41)	1

Ref. No.	Part No.	Description	No. Used
23	93–6869	Cylinder–Hydraulic Asm	1
24	3–0348	Bushing	2
26	55–4300	Decal–Warning	1
28	3256–26	Washer–Flt	2
29	93–6926	Pin–Clevis	1
30	322–4	Screw–HH	1
31	3253–4	Washer–Spring Lock	1
32	322–26	Screw–HH	1
33	3253–4	Washer–Spring Lock	1
34	3256–57	Washer–Flt	1
35	94–3635	Lift Arm Assembly Rear (Incl. Ref. #18, 24 & 26)	1
36	256–115	Washer–Thrust	1
37	92–1815	Rod–Pivot	1
38	3256–6	Washer–Flt	1
39	3234–32	Screw–HH	1
40	237–78	Seal–O–Ring	2
41	237–21	Seal–O–Ring	2



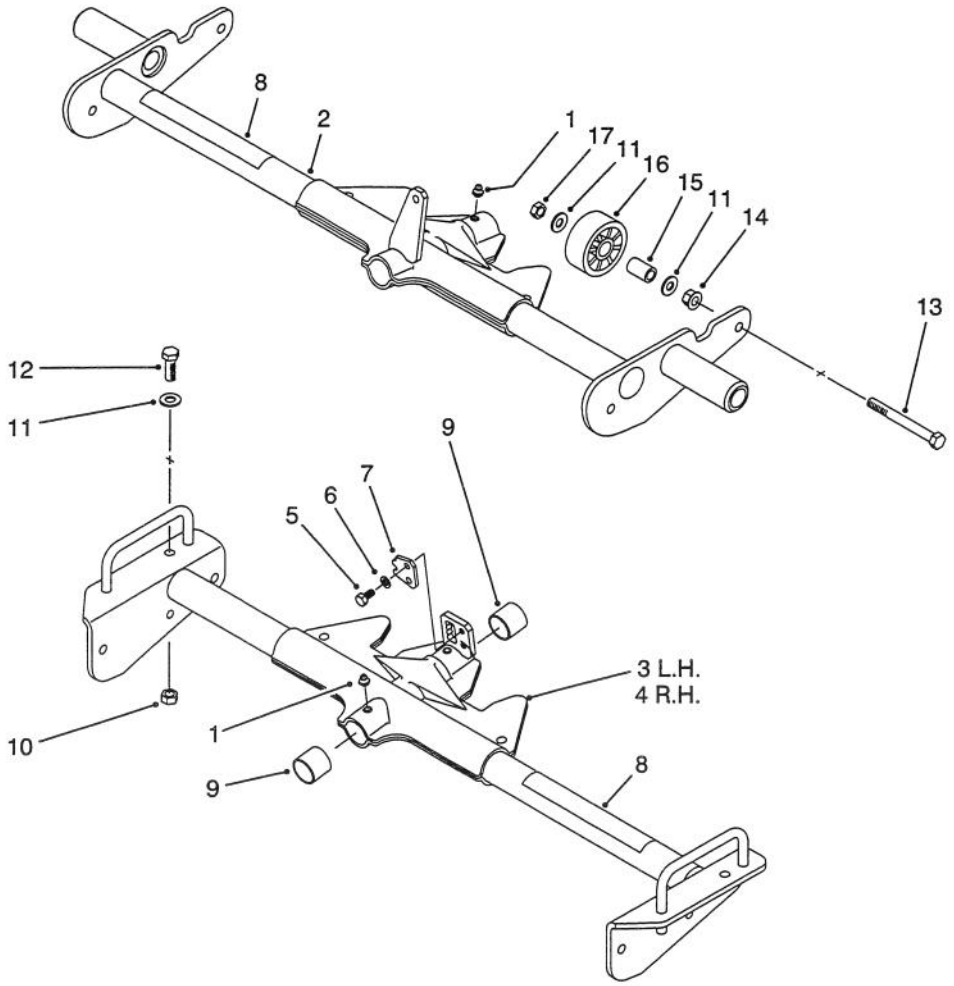
T–2200

HYDRAULIC CYLINDER ASSEMBLY NO. 93–6869

Ref. No.	Part No.	Description	No. Used
1	302–58	Fitting–Grease	1
2	94–3620	Barrel	1
3	32152–10	Nut–Lock	1
4	94–3616	Piston	1
5		Uniring	1
6		Seal–O–Ring	1
7	94–3618	Shaft	1
8		Seal–O–Ring	1
9		Washer–Backup	1

Ref. No.	Part No.	Description	No. Used
10	94–3615	Head	1
11	94–3638	Ring–Retaining	1
12		Seal–Dust	1
13	3220–6	Nut–Hex.	1
14	94–3617	Clevis–Rod	1
*	94–3619	Repair Kit (Incl. Ref. #1, 5–6, 8–9 & 12)	1

*Not Illustrated

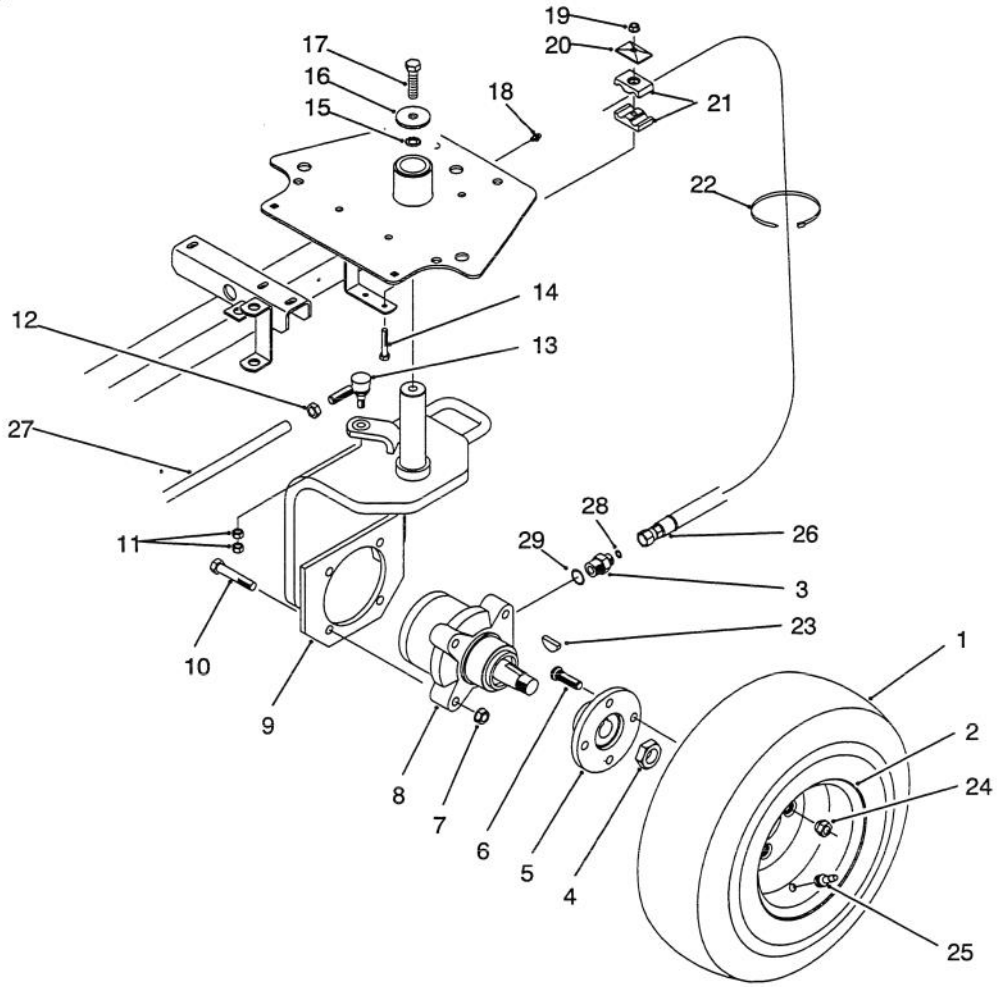


T–2173

CUTTING UNIT CARRIER FRAMES

Ref. No.	Part No.	Description	No. Used
1	302–5	Fitting–Grease	3
2	94–3629	Carrier Frame Assy. Rear (Incl. Ref. #1, 8 & 9)	1
3	94–3627	Carrier Frame Assembly LH (Incl. Ref. #1, 8 & 9)	1
4	94–3628	Carrier Frame Assembly RH (Incl. Ref. #1, 8 & 9)	1
5	321–2	Screw–Cap Hex. Hd.	4
6	3253–3	Washer–Lock	4
7	61–3600	Tab–Lift	2

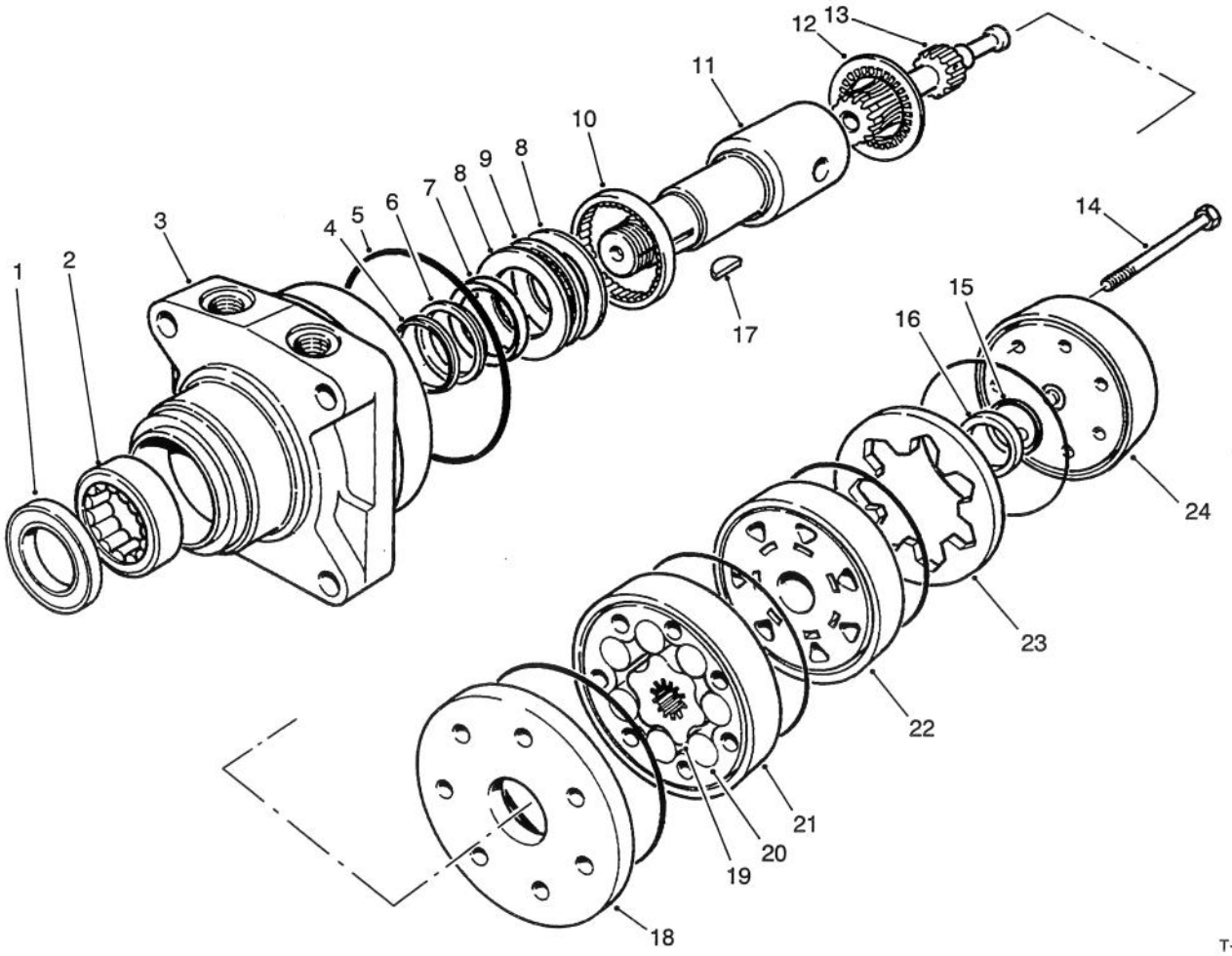
Ref. No.	Part No.	Description	No. Used
8	93–6900	Decal–Warning	3
9	3–0348	Bushing–Sleeve	6
10	3296–22	Nut–Lock	2
11	3256–24	Washer–Flat	6
12	323–7	Screw–Cap Hex. Hd.	2
13	323–57	Screw–Cap Hex. Hd.	2
14	32128–43	Nut–Flange Lock	2
15	59–2580	Spacer	2
16	82–4910	Roller	2
17	3296–59	Nut–Lock	2



REAR WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93–6880	Tire	1
2	93–6881	Rim	1
3	340–6	Fitting–ORS (Incl. Ref. #28 & 29)	2
4	26–3790	Nut–Lock	1
5	10–6870	Hub–Wheel	1
6	10–6830	Stud–Drive Type	4
7	3296–23	Nut–Hex Lock	4
8	75–9990	Motor–Hydraulic (Incl. Ref. #23)	1
9	93–6782	Fork–Rear Wheel	1
10	325–11	Screw–HH	4
11	3220–3	Nut–HJ	2
12	3220–12	Nut–Hex Jam	1
13	21–0141	Socket Assy–RH	1
14	322–9	Screw–HH	1

Ref. No.	Part No.	Description	No. Used
15	3255–2	Washer–Lock Ext Tooth	1
16	75–7730	Washer–Thrust	1
17	325–6	Screw–HH	1
18	302–5	Ftg–Grease Str	1
19	3296–29	Nut–Hex Lock	1
20	69–9760	Plate–Cover	1
21	56–7976	Clamp–Tube	2
22	3290–379	Tie–Cable	1
23	3257–42	Key	1
24	242–50	Nut–Lug	4
25	232–27	Stem–Valve	1
26	93–6843	Hose–Hydraulic	2
27	61–2070	Link–Steering	1
27	237–30	Seal–O–Ring	2
28	237–80	Seal–O–Ring	2



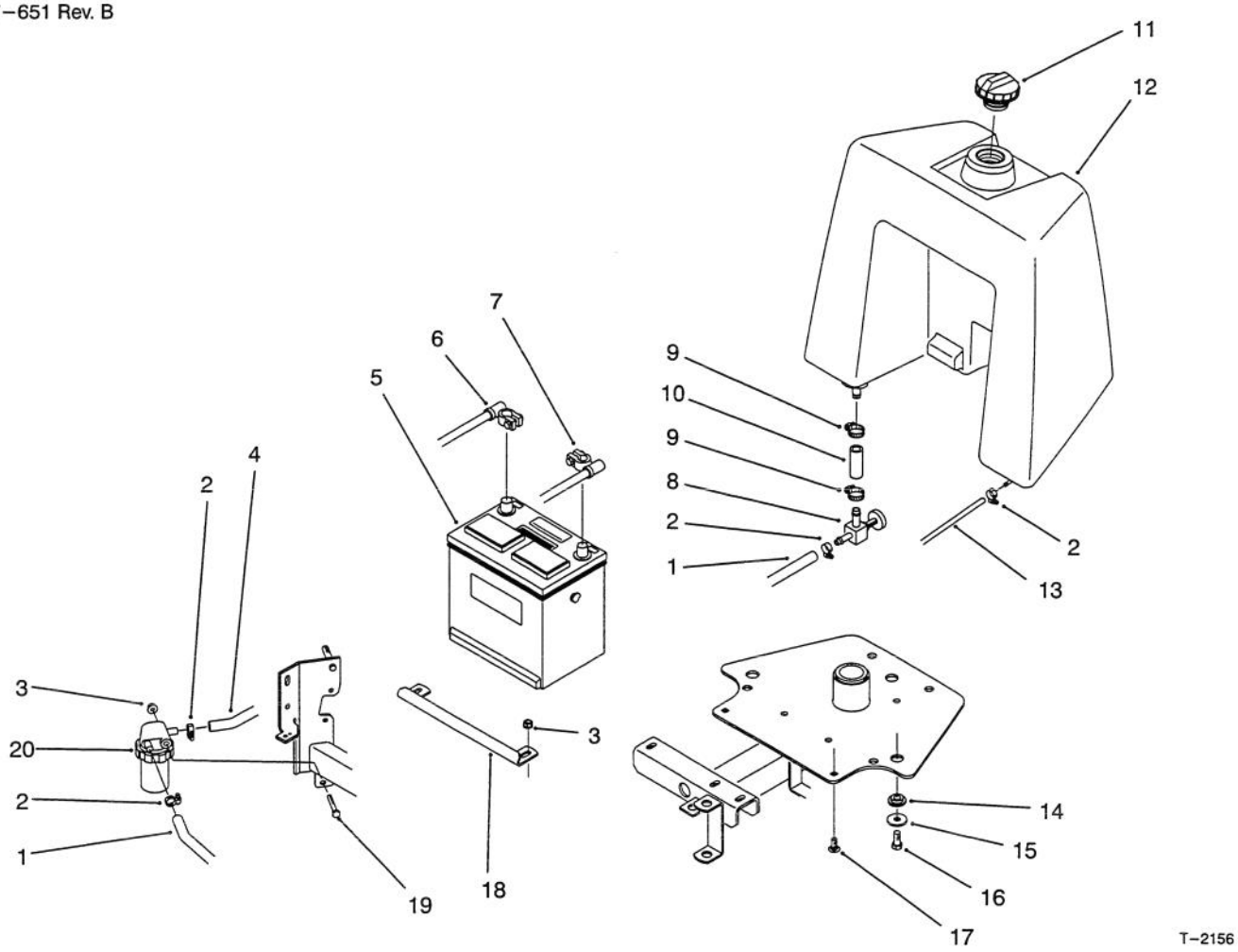
T–0987

HYDRAULIC DRIVE MOTOR NO. 75–9990

Ref. No.	Part No.	Description	No. Used
1		Seal–Dirt & Water	1
2		Bearing	1
3		Housing	1
4		Washer–Backup	1
5		Seal Rings	5
6		Washer–Backup	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	76–0960	Link–Drive	7
14	76–1010	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
*	76–0970	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



FUEL SYSTEM ASSEMBLY

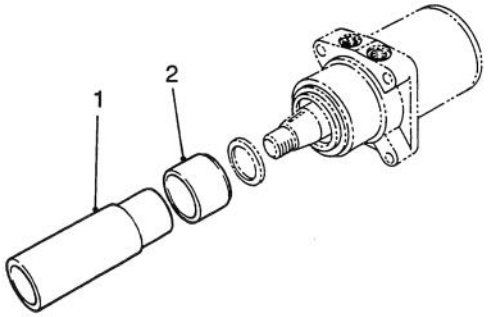
Ref. No.	Part No.	Description	No. Used
1	23–2140	Hose–Fuel	1
2	2412–108	Clamp–Hose	4
3	32128–44	Nut–Flange	3
4	51–0670	Hose–Fuel Line	1
5	83–9000	Battery	1
6	93–6775	Cable–Battery–Pos	1
7	83–9210	Cable–Battery–Neg	1
8	56–2520	Fitting–Fuel Shutoff	1
9	2412–36	Clamp–Hose	2
10	56–2230	Hose–Fuel	1

Ref. No.	Part No.	Description	No. Used
11	93–3102	Fuel Cap–Diesel	1
12	83–8720	Tank–Fuel	1
13	75–4703	Hose–Fuel Return	1
14	240–11	Grommet	3
15	63–8410	Washer–Flat	3
16	323–5	Screw–HH	3
17	3230–1	Screw–Carriage	2
18	83–9240	Bracket–Battery	1
19	322–12	Screw HH	1
†20		Filter–Fuel	1

†Obtain from your local Perkins Dealer.

SPECIAL TOOLS

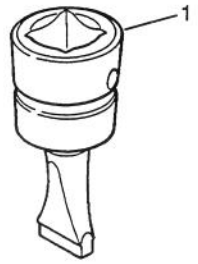
DRIVE MOTOR SEAL INSTALLATION TOOL NO. *19–2660



T–0728

Ref. No.	Part No.	Description	No. Used
1		Driver–Seal	1
2		Holder–Seal	1

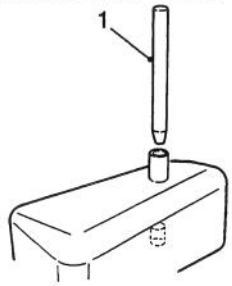
BEDKNIFE SCREW TOOL NO. *TOR510880



T–0729

Ref. No.	Part No.	Description	No. Used
1		Tool–Bedknife Screw	1

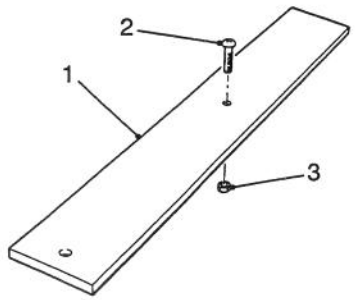
HYDRAULIC OIL RESERVOIR PLUG NO. *88–9220



T–1213

Ref. No.	Part No.	Description	No. Used
1		Plug–Reservoir	1

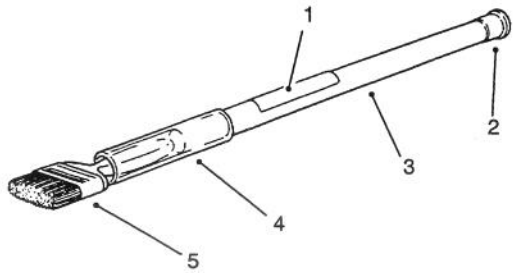
GAUGE BAR ASSEMBLY NO. *TOR138199



T–1151

Ref. No.	Part No.	Description	No. Used
1	65–8320	Bar–Height–Of–Cut	1
2	32122–2	Screw–Round Hd.	1
3	3219–14	Nut–Hex.	1

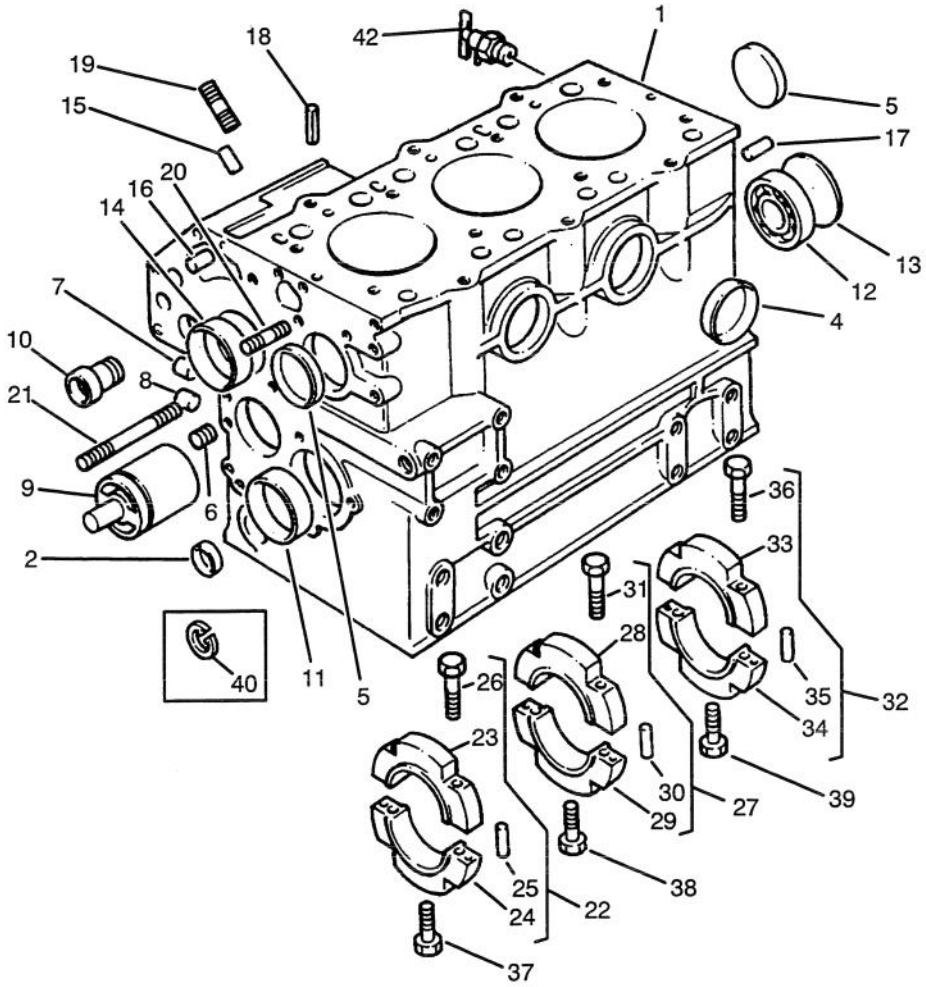
BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



T–0731

Ref. No.	Part No.	Description	No. Used
1	12–9140	Decal	1
2	2410–18	Plug	1
3	29–9080	Handle	1
4	29–9090	Hose–Handle	1
5	36–4310	Brush	1

*Obtain these items directly from OTC 2013 4th St. Owatonna, MN. 55060 1–800–533–0492 (in Minnesota and Canada 1–507–455–7050) Fax. 507–455–7011.



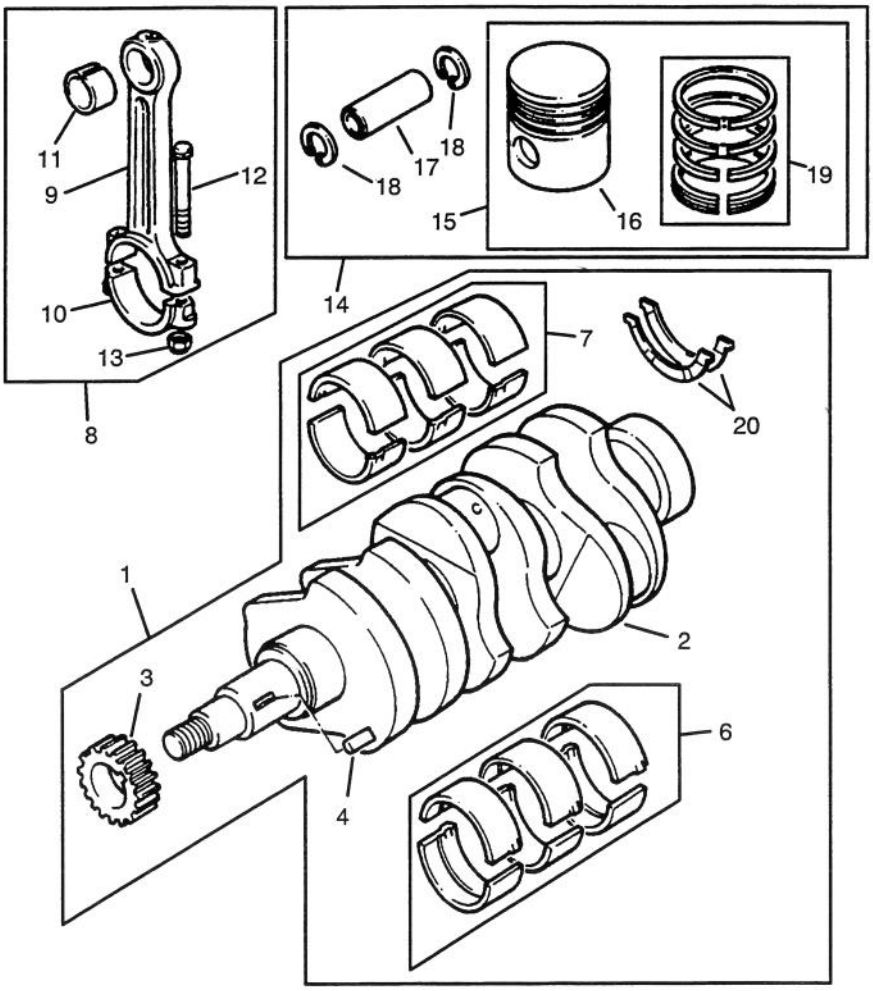
T–1377A

CYLINDER BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	110186150	Kit – Cylinder Block	1
2	064200015	Plug	1
4	064200040	Plug	2
5	064200040	Plug	2
6	198466050	Plug	3
7	198466010	Plug	4
8	198466070	Plug	2
9	165296160	Shaft	1
10	198517090	Bush	1
11	198517300	Bush	1
*	198517304	Bush, 0.25mm u/s	1
*	198517307	Bush, 0.50mm u/s	1
12	040106203	Bearing – Ball	1
13	064100045	Plug	1
14	042303015	Bush	1
15	030500512	Dowel	2
16	030500616	Dowel	2
17	030500820	Dowel	2
18	030309005	Pin	2
19	012100620	Stud	2
20	012100635	Stud	1
21	012100660	Stud	1
22	110156220	Holder Incl. Ref. #23 & 24)	1

Ref. No.	Part No.	Description	No. Used
23		Cap	1
24		Cap	1
25	030500612	Dowel	2
26	010810840	Screw	2
27	110156230	Holder Incl. Ref. #28 & 29)	1
28		Cap	1
29		Cap	1
30	030500612	Dowel	2
31	010810840	Screw	2
32	110156240	Holder Incl. Ref. #33 & 34)	1
33		Cap	1
34		Cap	1
35	030500612	Dowel	2
36	010810840	Screw	2
37	011310850	Screw	1
38	011310850	Screw	1
39	010700845	Screw	2
40	036509005	Circlip	1
41	064200018	Plug	2
42	198736052	Cock	1
*	195906840	Kit – Gasket	1

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



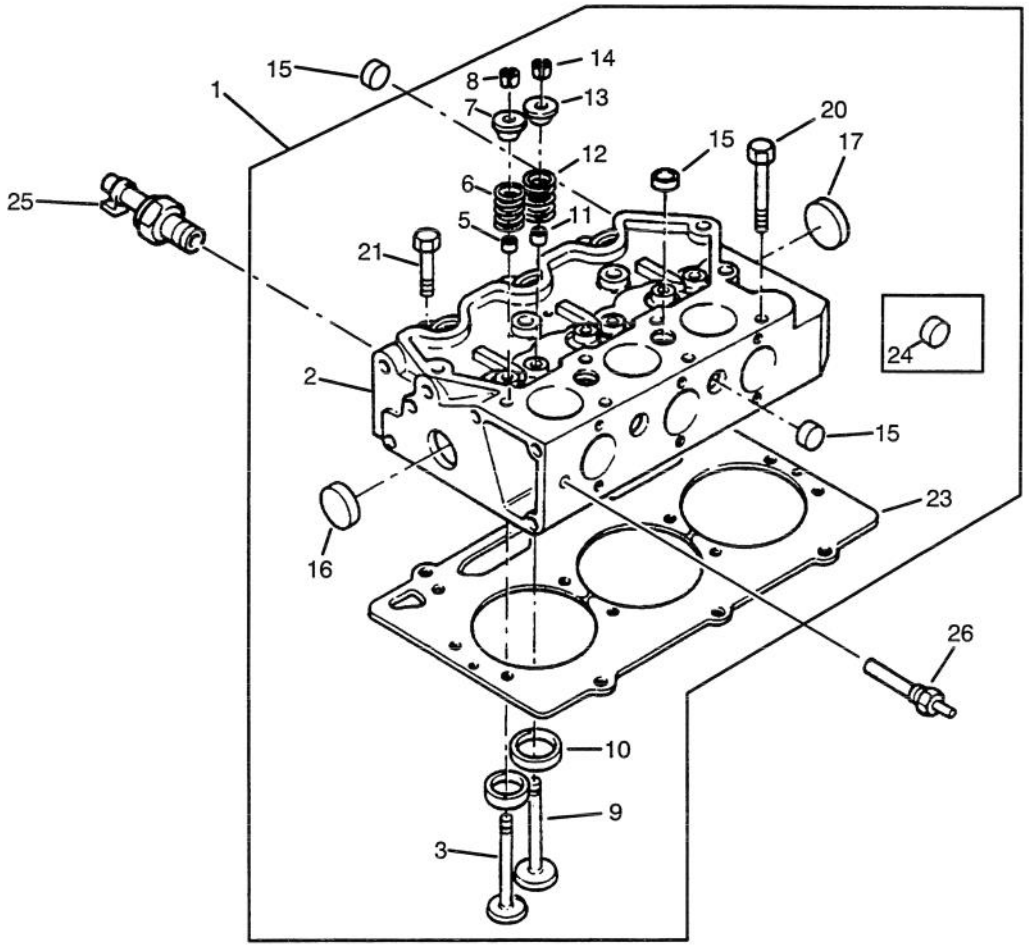
T–2174

CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	115236020	Kit – Crankshaft Inc. Ref. #2)	1
2		Crankshaft	1
3	115276210	Gear	1
4	030509020	Key	1
6	198586030	Kit – Bearing, Std.	1
*	198586034	Kit – Bearing, 0.25mm u/s	1
*	198586037	Kit – Bearing, 0.50mm u/s	1
7	198586060	Kit – Bearing, Std.	1
*	198586064	Kit – Bearing, 0.25mm u/s	1
*	198586067	Kit – Bearing, 0.50mm u/s	1
8	115026240	Connecting Rod Assembly Incl. Ref. # 9 & 10)	3
9		Rod	1
10		Cap	1

Ref. No.	Part No.	Description	No. Used
11	198517325	Bushing	1
12	115176130	Screw	2
13	020109103	Nut	2
14	115017090	Kit – Piston, Std.	3
*	115017100	Kit – Piston, 0.5mm o/s	1
15	115016960	Kit – Piston, Std. Incl. Ref. #16)	1
*	115016970	Kit – Piston, 0.5mm o/s Incl. Ref. #16)	1
16		Piston	1
17	115326260	Pin	1
18	036500019	Circlip	2
19	115107400	Kit – Piston Ring, Std.	1
*	115107410	Kit – Piston Ring, 0.5mm o/s	1

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



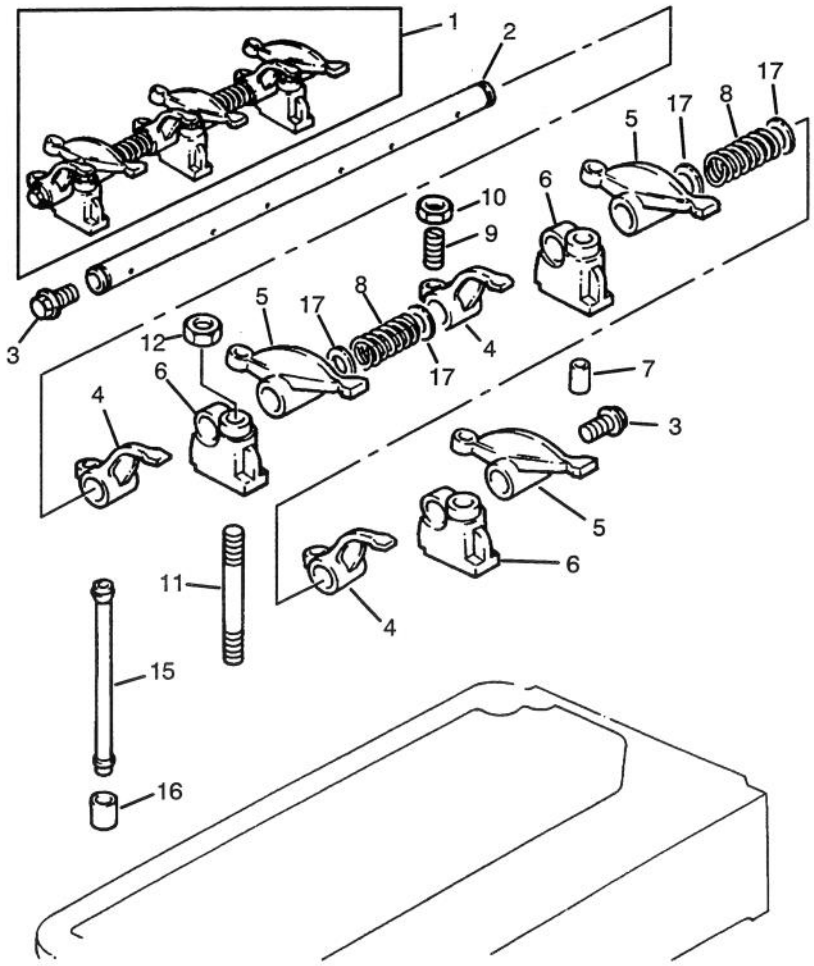
T–2175

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	111016911	Kit – Cylinder Head	1
2	111086030	Kit – Cylinder Head	1
3	120166280	Valve Inlet	3
5	120406080	Seal	3
6	198217070	Spring	3
7	120186100	Cap	3
8	120226080	Cotter	6
9	120176290	Valve Exhaust	3
10	110136290	Insert	3
11	120406080	Seal	3
12	198217070	Spring	3

Ref. No.	Part No.	Description	No. Used
13	120186100	Cap	3
14	120226080	Cotter	6
15	198466070	Plug	4
16	064200022	Plug	3
17	064200022	Plug	3
20	111136340	Screw	11
21	111136350	Screw	3
23	111147400	Gasket, o/s 1.3mm	1
24	064200018	Plug	2
25	185246060	Switch – Oil Pressure	1
26	385720230	Sender – Temperature	1

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



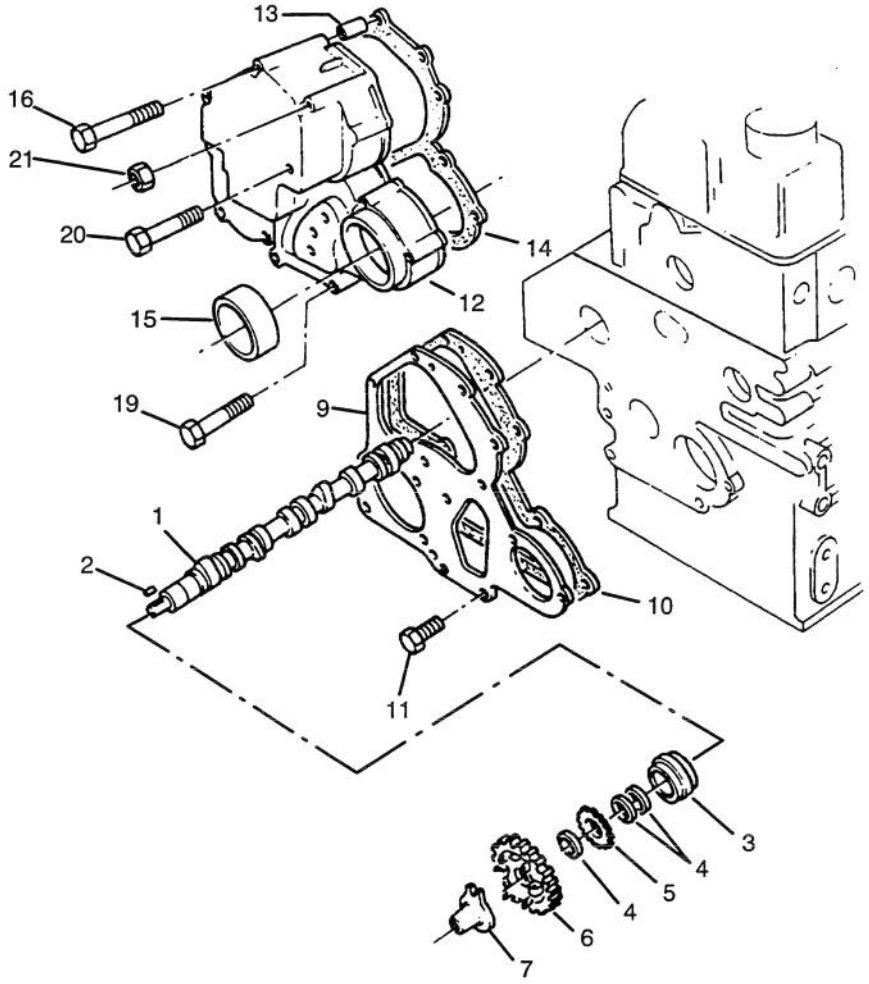
T–1380

ROCKER ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	120036330	Rocker Shaft Assembly	1
2	120316190	Shaft	1
3	064609006	Plug	2
4	120356120	Lever	3
5	120356110	Lever	3
6	120346170	Bracket	3
7	030300325	Pin	1
8	198217080	Spring	2

Ref. No.	Part No.	Description	No. Used
9	199486220	Adjusting Screw	6
10	020109076	Nut	6
11	012109177	Stud	3
12	023100008	Nut	3
15	120456240	Rod	6
16	120116100	Tappet	6
17	199280280	Washer	4

NOTE: Obtain replacement parts from your local Perkins Dealer.



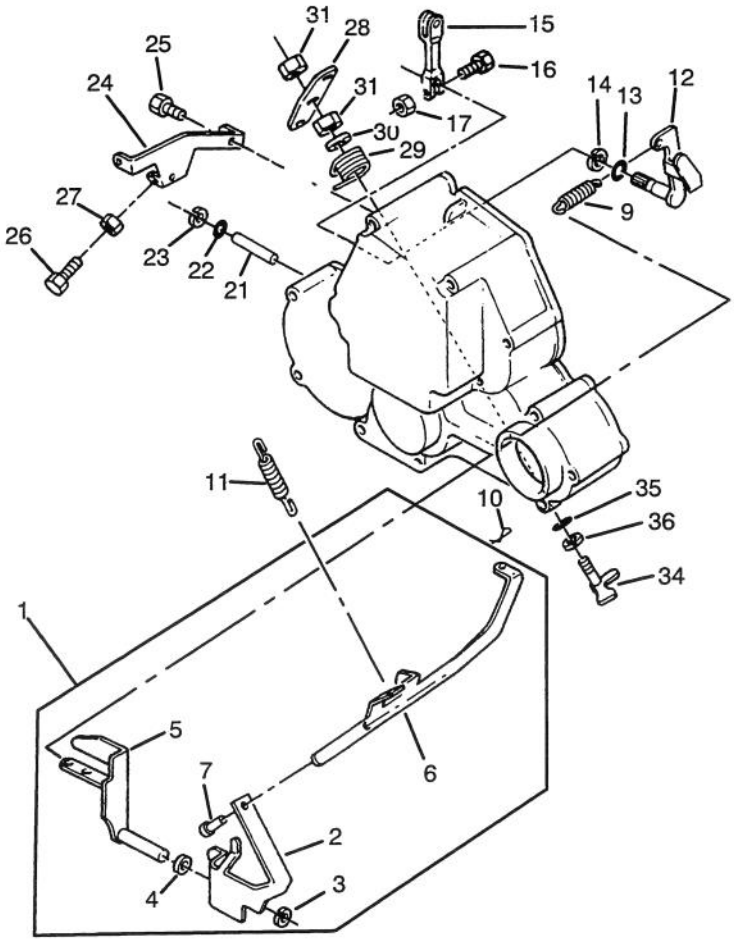
T–1381

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	120026121	Camshaft	1
2	034100508	Key	1
3	040109059	Bearing	1
4	199216230	Spacer	3
5	120736081	Gear	1
6	120016030	Gear	1
7	125256120	Tappet	1
9	165166260	Plate	1
10	165996400	Joint	1

Ref. No.	Part No.	Description	No. Used
11	011300612	Bolt	3
12	165106131	Cover	1
13	030300414	Pin	1
14	165996410	Joint	1
15	198636090	Seal	1
16	011300680	Screw	2
19	011300640	Screw	4
20	011300660	Screw	2
21	023100006	Nut	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



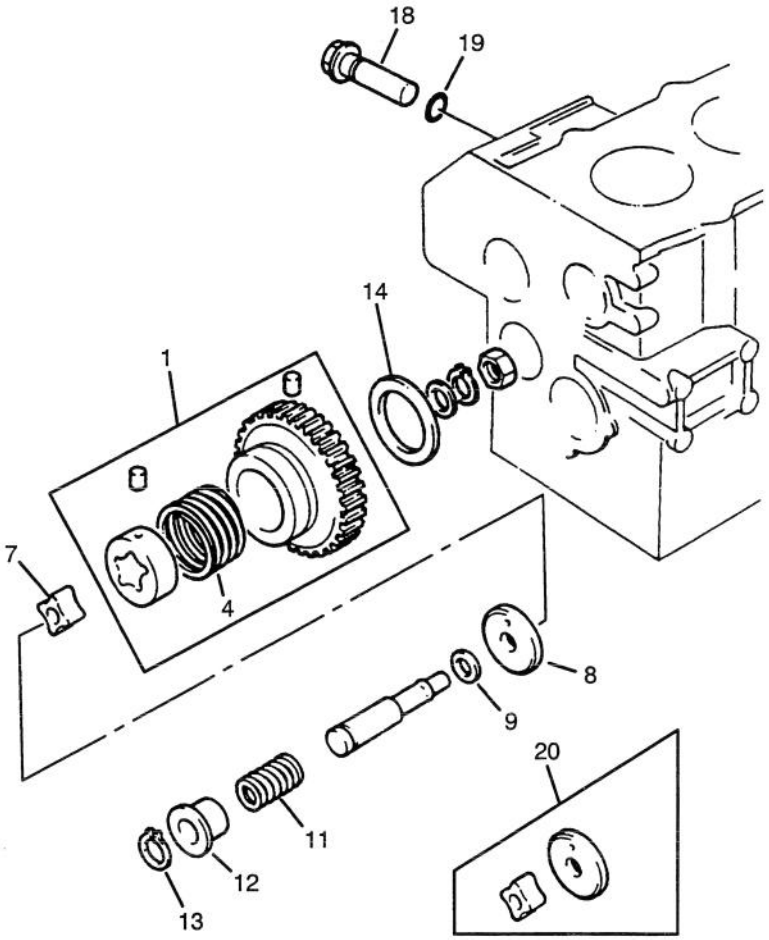
T–1382

TIMING COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	125046250	Lever (Incl. Ref. #2, 6 & 7)	1
2		Lever	1
3	036800008	Circlip	1
4	026200010	Washer	1
5	125406071	Lever	1
6		Link	1
7		Pin	1
9	198217110	Spring	1
10	031100004	Pin	1
11	198216731	Spring	1
12	125156170	Arm	1
13	052100070	O Ring	1
14	036800008	Circlip	1
15	125416020	Lever	1
16	010110630	Screw	1

Ref. No.	Part No.	Description	No. Used
17	023100006	Nut	1
21	125116130	Shaft	1
22	052100030	Seal – O–Ring	1
23	036800005	Circlip	1
24	125976120	Stay	1
25	011300616	Screw	2
26	010109264	Screw	2
27	023100006	Nut	2
28	125176080	Lever	1
29	198216760	Spring	1
30	026200008	Washer	1
31	020300008	Nut	2
34	125156180	Arm	1
35	052100050	O Ring	1
36	036800006	Circlip	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



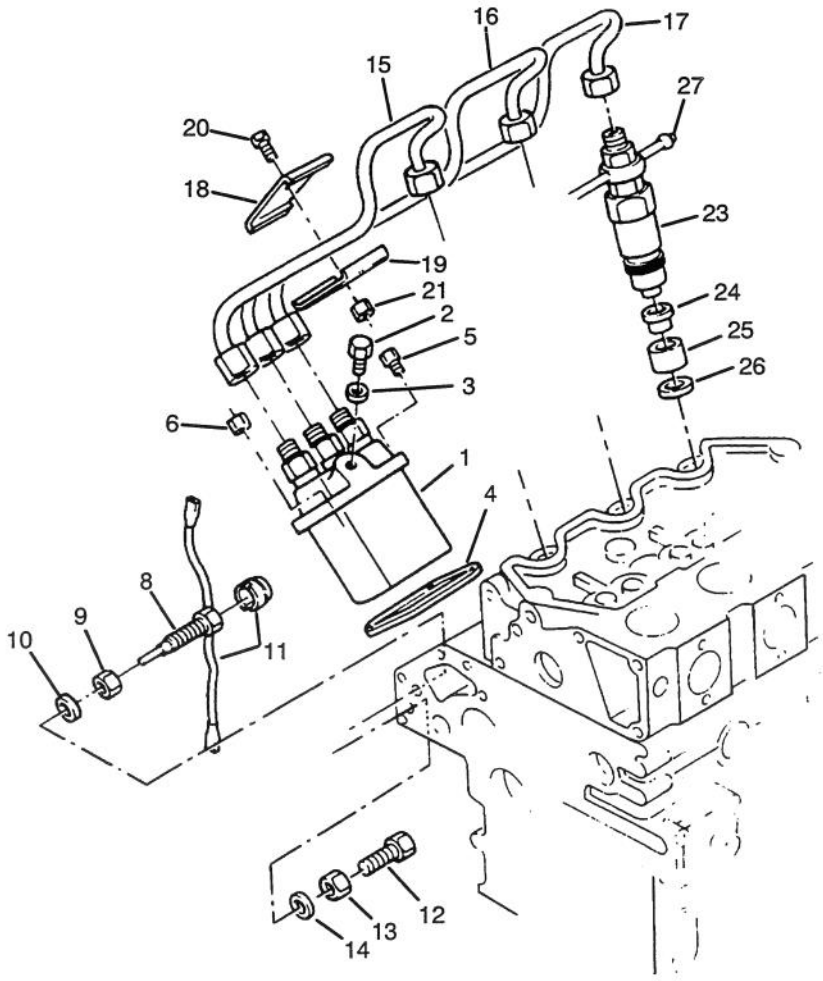
T–1383

OIL PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	165026110	Gear	1
4	198216821	Spring	1
7	140166130	Rotor	1
8	140116140	Cover	1
9	199286150	Shim, 0.10mm o/s	1
*	199286160	Shim, 0.15mm o/s	1
*	199286170	Shim, 0.20mm o/s	1
*	199286180	Shim, 0.50mm o/s	1

Ref. No.	Part No.	Description	No. Used
11	198216720	Spring	1
12	199236540	Collar	1
13	036800010	Circlip	1
14	199266180	Washer	1
18	140036120	Valve	1
19	052100150	Seal – O–Ring	1
20	140186010	Repalr Kit	1

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



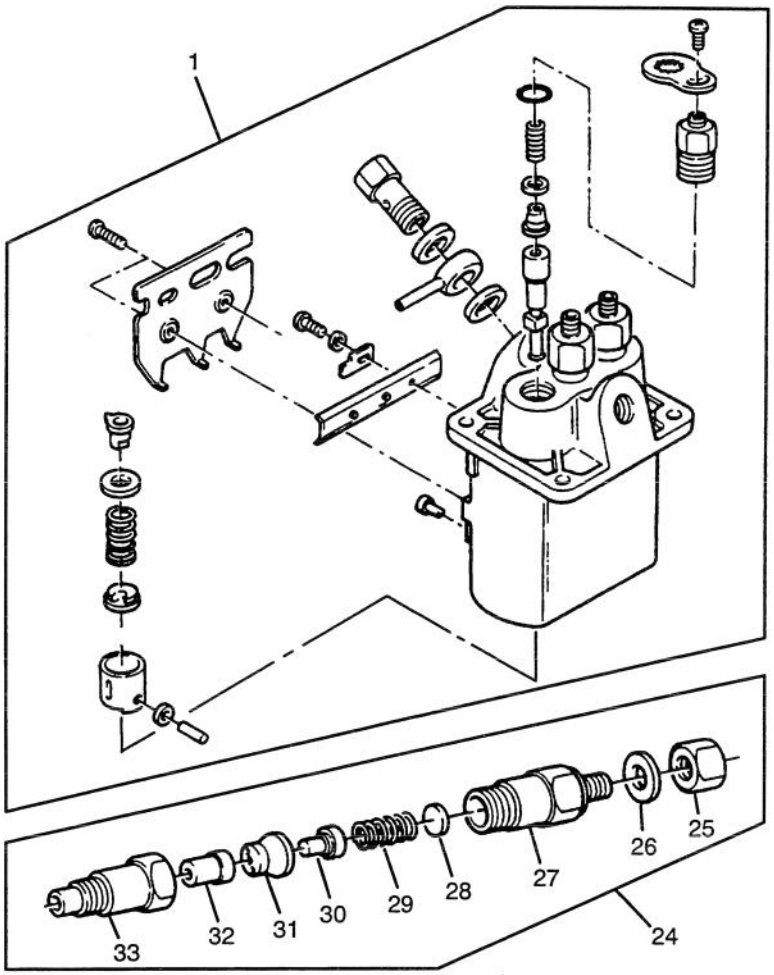
T–1384

FUEL INJECTION SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	131017390	Injection Pump	1
2	131236280	Screw	1
3	025100006	Washer	1
4	131426300	Shim	1
5	011300620	Screw	2
6	023100006	Nut	2
8	131046160	Screw	1
*	131046110	Screw	1
9	023109002	Nut	1
10	025100010	Washer	1
11	198236030	Wire	1
12	010109271	Screw	1
13	023109002	Nut	1

Ref. No.	Part No.	Description	No. Used
14	025100010	Washer	1
15	131507010	Injection Pipe No. 1 Cyl.	1
16	131507020	Injection Pipe No. 2 Cyl.	1
17	131507030	Injection Pipe No. 3 Cyl.	1
18	199106020	Damper	2
19	199106020	Damper	2
20	010100625	Screw	2
21	023100006	Nut	2
23	131406340	Atomiser	3
24	131426200	Gasket	3
25	111316280	Insert	3
26	198996090	Seal	3
27	131606260	Pipe	1

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



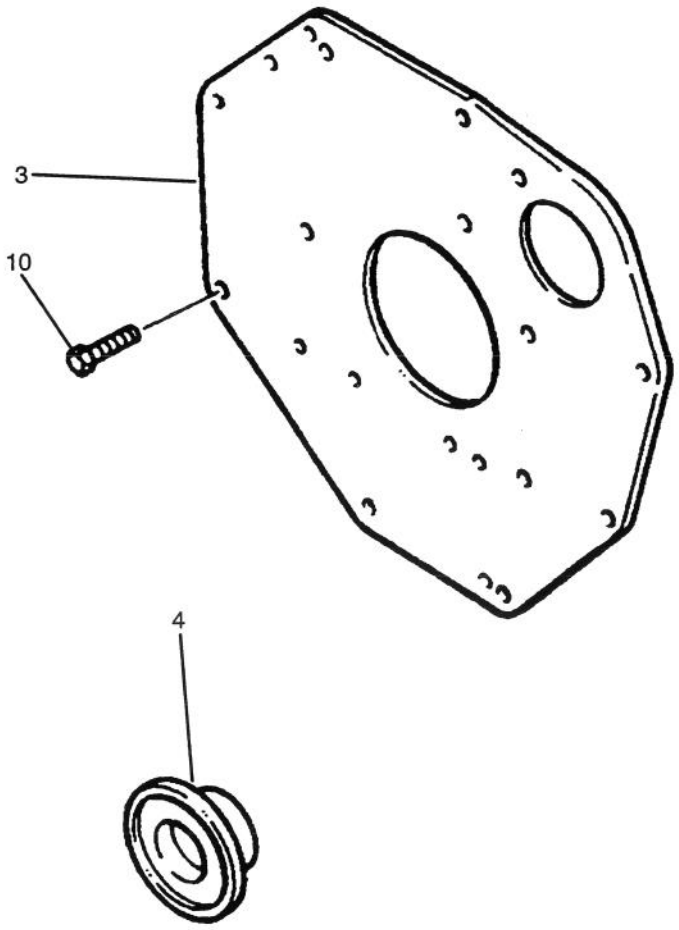
T–2176

INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	131017390	Injection Pump	1
24	131406340	Atomiser	3
25	131446069	Nut	1
26	131426210	Washer	1
27	131446065	Body	1
28	131437250	Shim, 0.90mm o/s	1
*	131437251	Shim, 0.925mm o/s	1
*	131437252	Shim, 0.95mm o/s	1
*	131437253	Shim, 0.975mm o/s	1
*	131437354	Shim, 1.00mm o/s	1
*	131437255	Shim, 1.025mm o/s	1
*	131437256	Shim, 1.05mm o/s	1
*	131437257	Shim, 1.075mm o/s	1
*	131437258	Shim, 1.10mm o/s	1
*	131437259	Shim, 1.125mm o/s	1
*	131437260	Shim, 1.15mm o/s	1
*	131437261	Shim, 1.175mm o/s	1

Ref. No.	Part No.	Description	No. Used
*28	131437262	Shim, 1.20mm o/s	1
*	131437263	Shim, 1.225mm o/s	1
*	131437264	Shim, 1.250mm o/s	1
*	131437265	Shim, 1.275mm o/s	1
*	131437266	Shim, 1.30mm o/s	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
29	131446066	Spring	1
30	131446070	Pin	1
31	131446068	Spacer	1
32	131416150	Nozzle	1
33	131446067	Nut	1

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



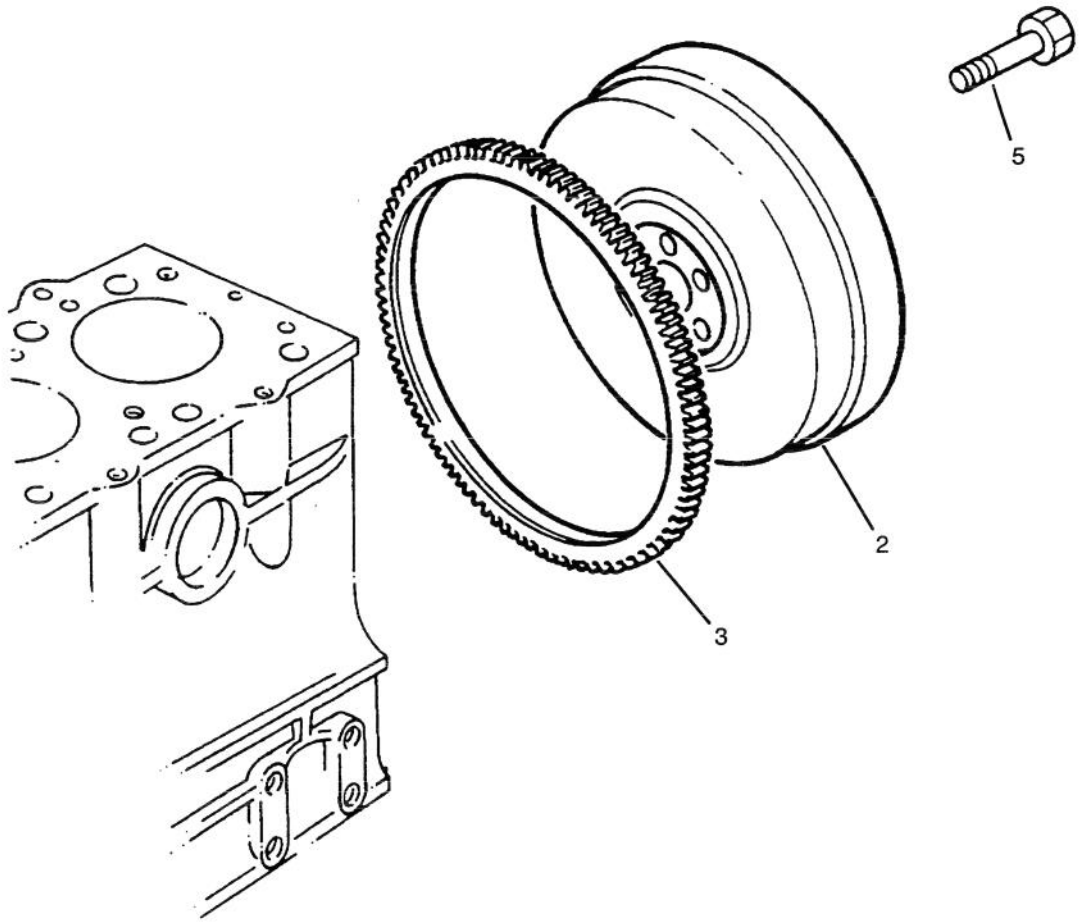
T–1386

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.



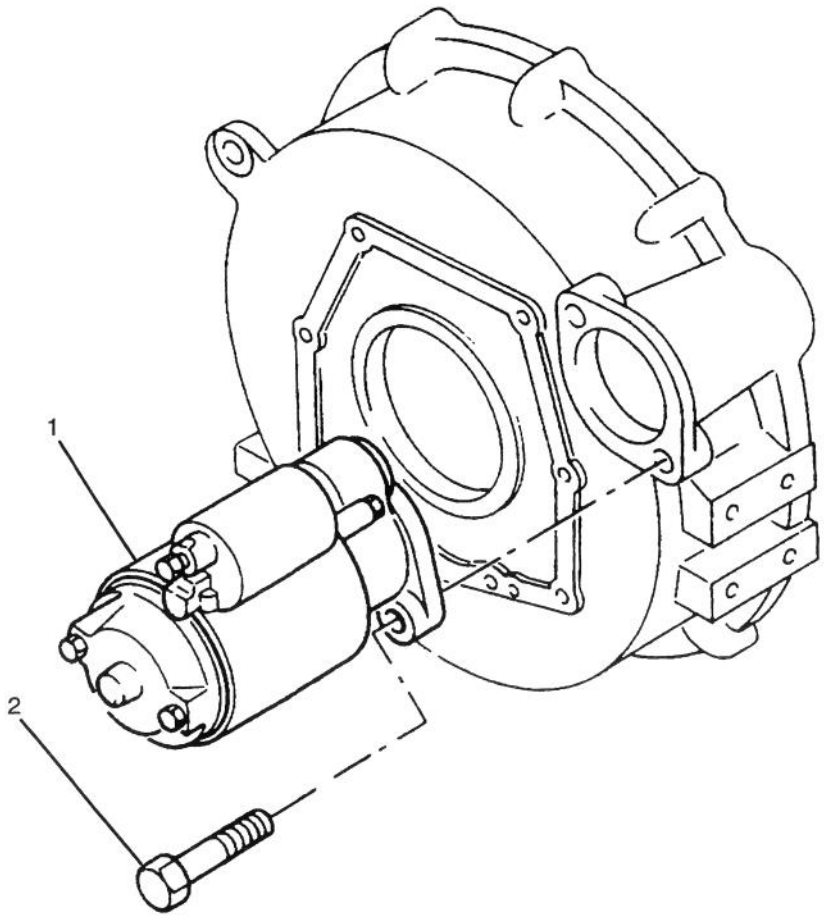
T–1387

FLYWHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	115356922	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.



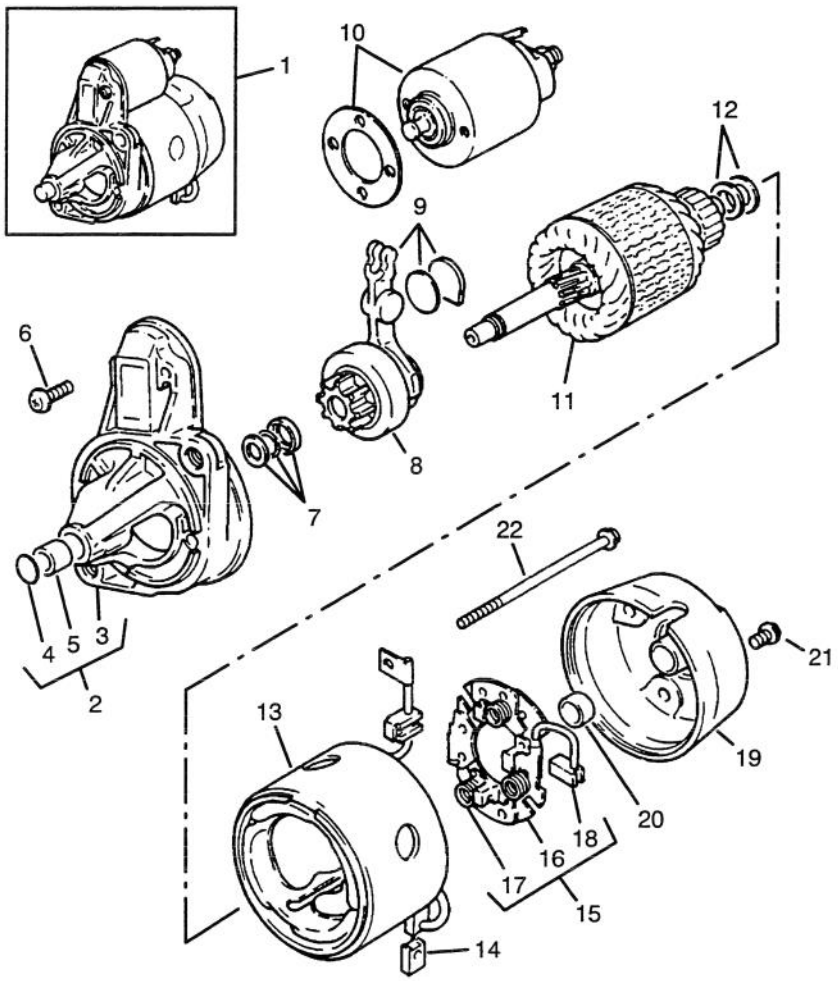
T–1388

STARTER INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185086370	Startermotor	1

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



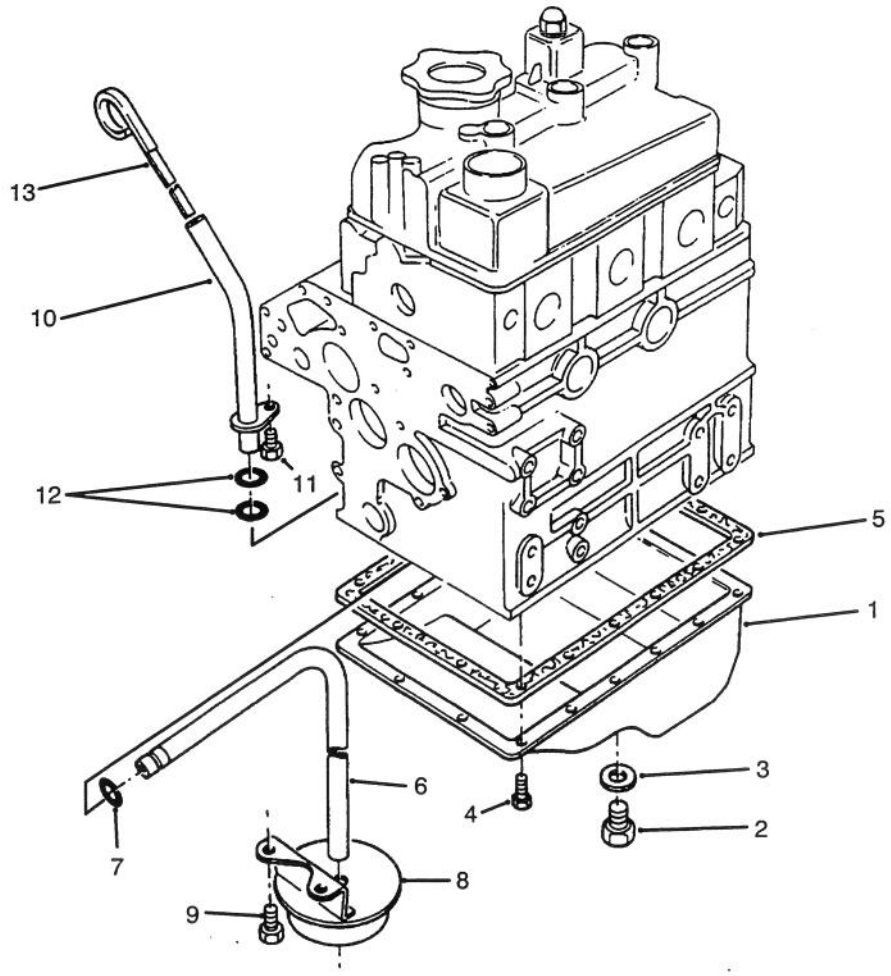
T–1389

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185086370	Startermotor	1
2	185846471	Cover	
		(Incl. Ref. #3 & 4)	1
3		Cover	1
4		Ring	1
5	185846472	Bush	2
6	185846468	Screw	2
7	185846473	Washer	1
8	185866240	Pinion	1
9	185846469	Lever	1
10	185816220	Switch	1
11	185846474	Armature	1

Ref. No.	Part No.	Description	No. Used
12	185846475	Washer	1
13	185846476	Yoke	1
14	185416400	Brush	1
15	185416390	Holder	
		(Incl. Ref. #16)	1
16		Holder	1
17	185886010	Spring	1
18	185416410	Brush	1
19	185846477	Cover	1
20	185846478	Bushing	1
21	185846468	Screw	3
22	185846470	Screw	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



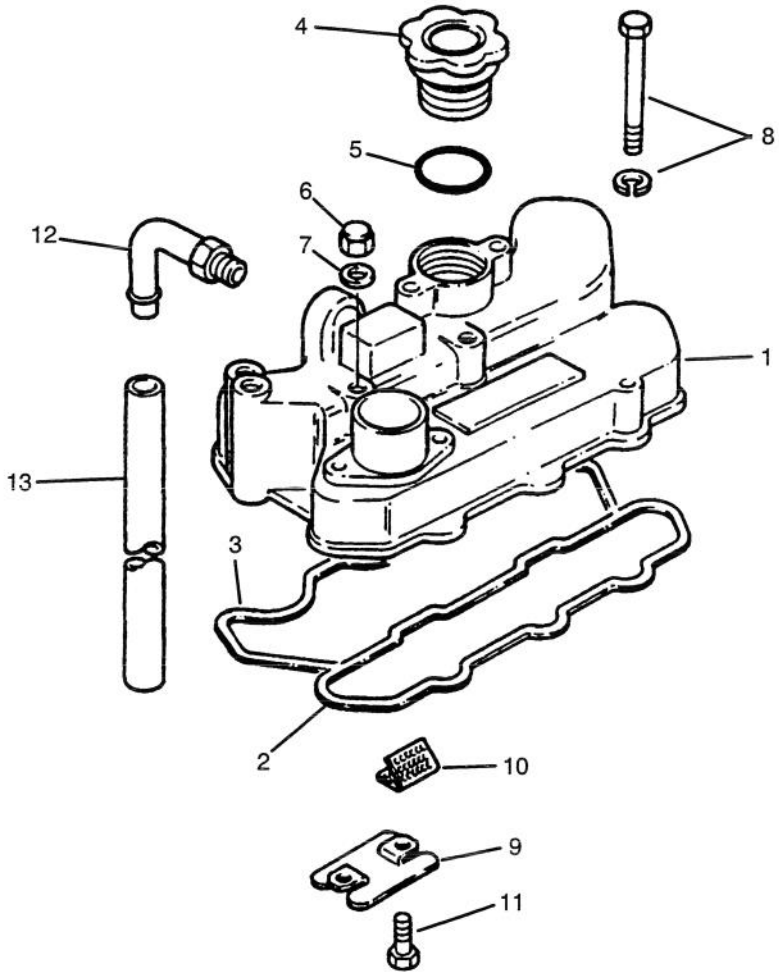
T–1390A

OIL SUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	110706860	Sump	1
2	010401212	Plug	2
3	025100012	Washer	2
4	010109235	Screw	18
5	110996590	Gasket	1
6	140986590	Pipe	1
7	052109076	Seal – O–Ring	1

Ref. No.	Part No.	Description	No. Used
8	140406310	Strainer	1
9	011300612	Bolt	2
10	110756380	Tube	1
11	011300812	Screw	1
*	011300612	Bolt	1
12	052100100	Seal – O–Ring	2
13	198416371	Dipstick	1

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



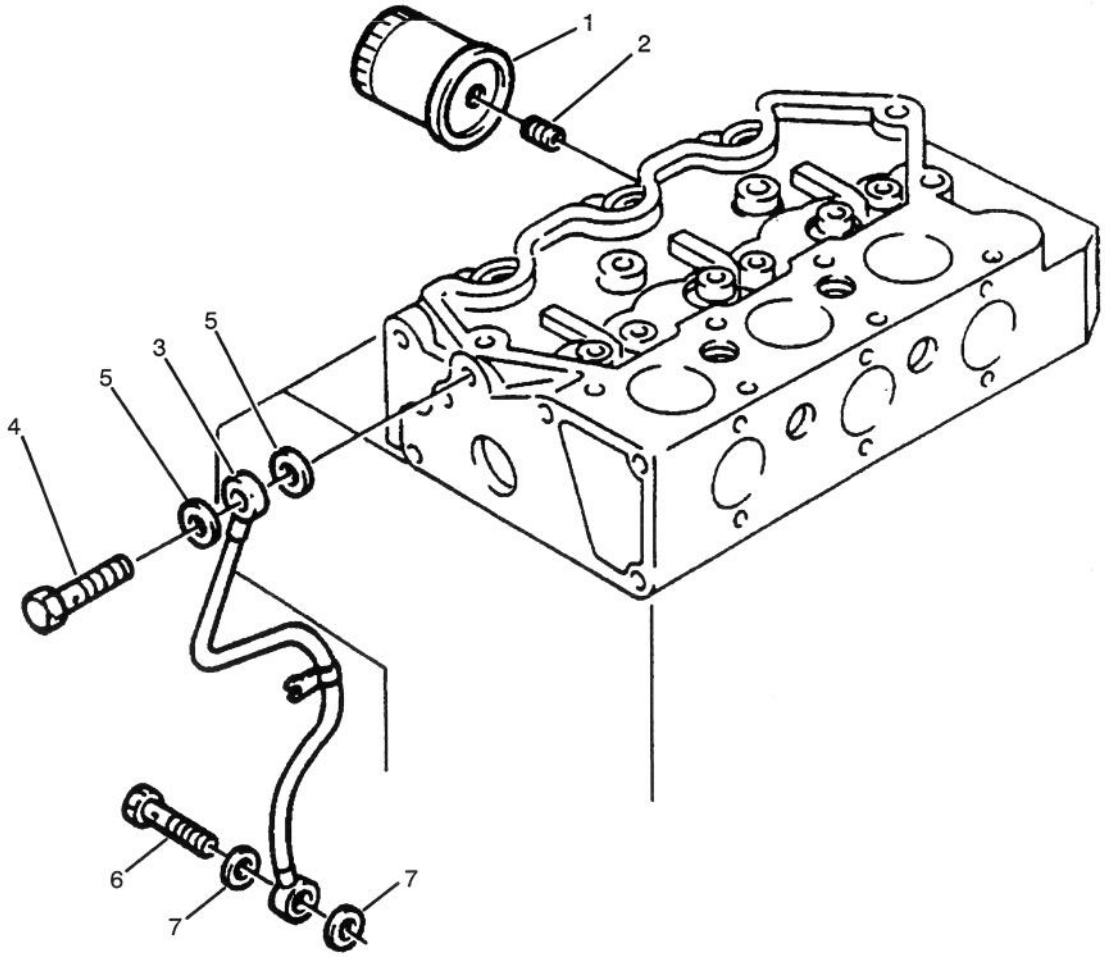
T–1391

VALVE COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	111026371	Cover	1
2	111996330	Gasket	1
3	111996060	Gasket	1
4	198436010	Cap	1
5	052100400	Seal	1
6	024500008	Nut	3
7	198996060	Washer	3

Ref. No.	Part No.	Description	No. Used
8	011300650	Screw	2
9	110666110	Plate	1
10	110666120	Gauze	1
11	011300612	Bolt	2
12	110986500	Pipe	1
13	068122560	Hose	1

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



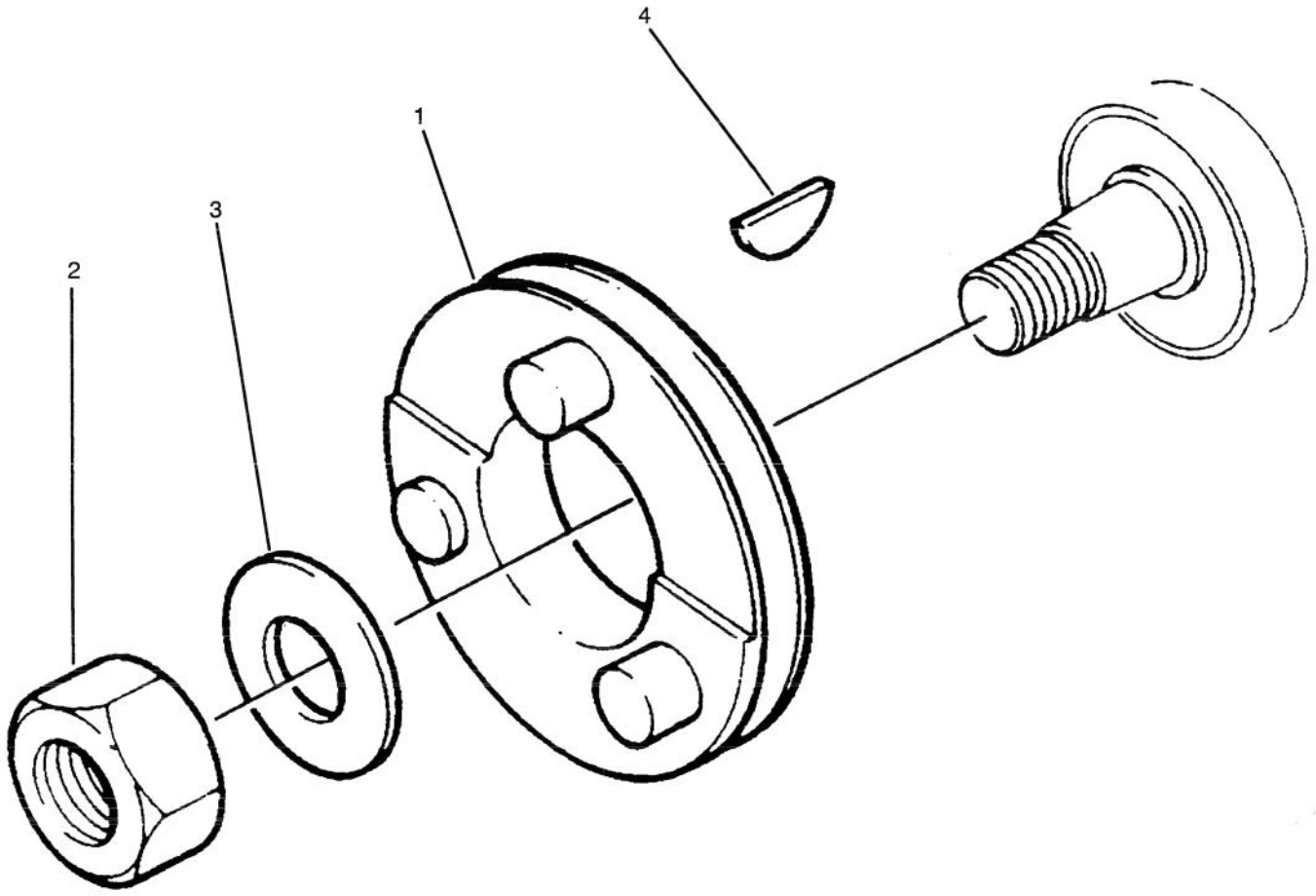
T–1392

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.

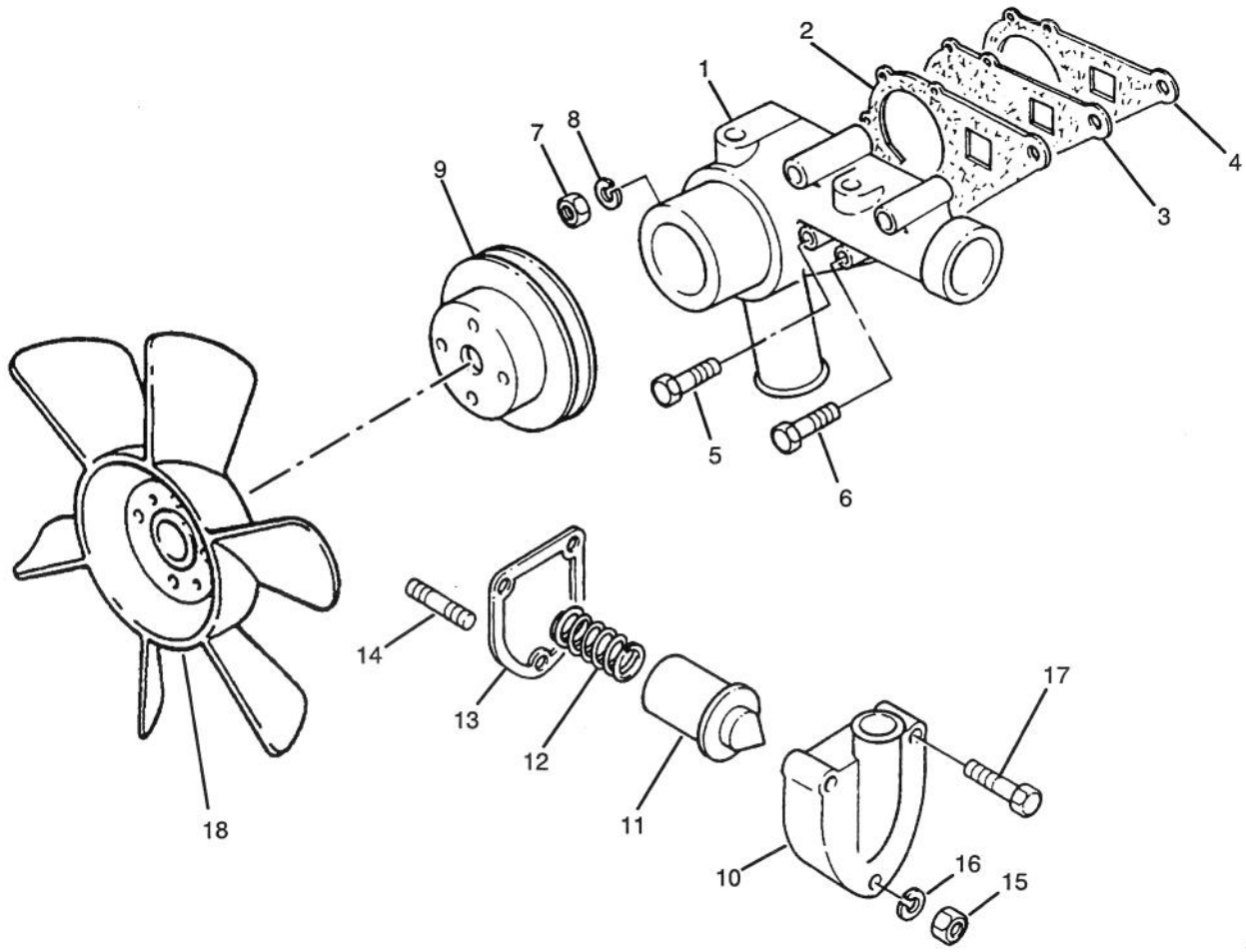


T–1393

FRONT DRIVE PULLEY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	115397720	Pulley	1
2	020800018	Nut	1
3	026200018	Washer	1
4	134100508	Key	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



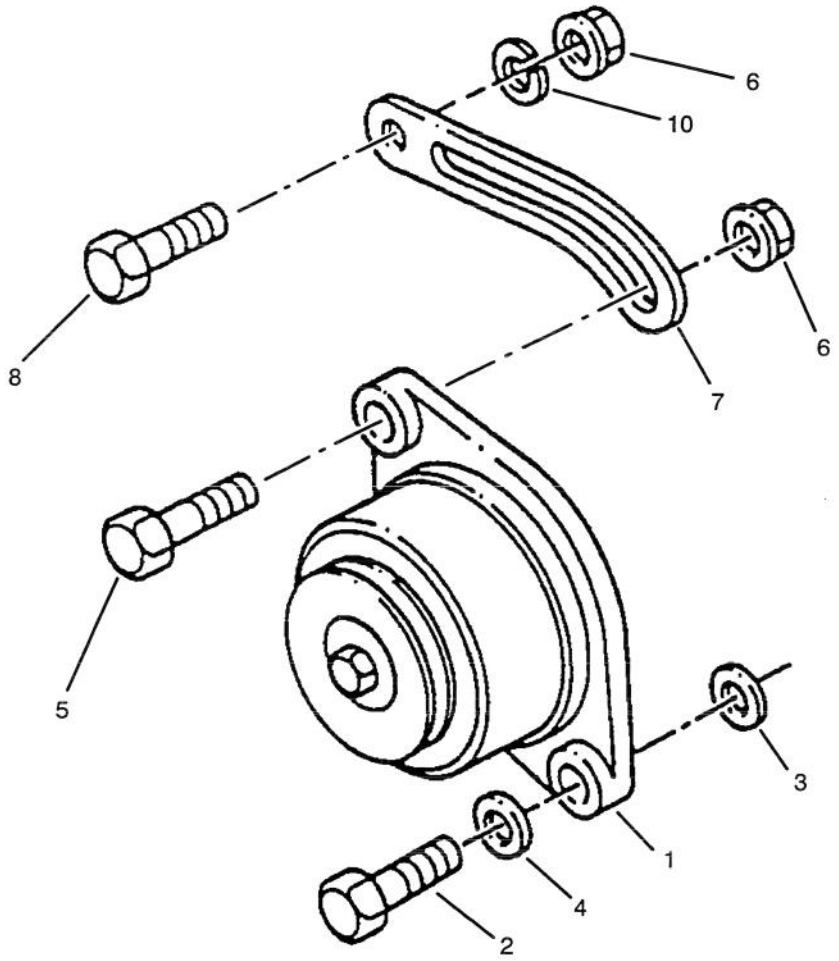
T–2177

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	145306780	Fan	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



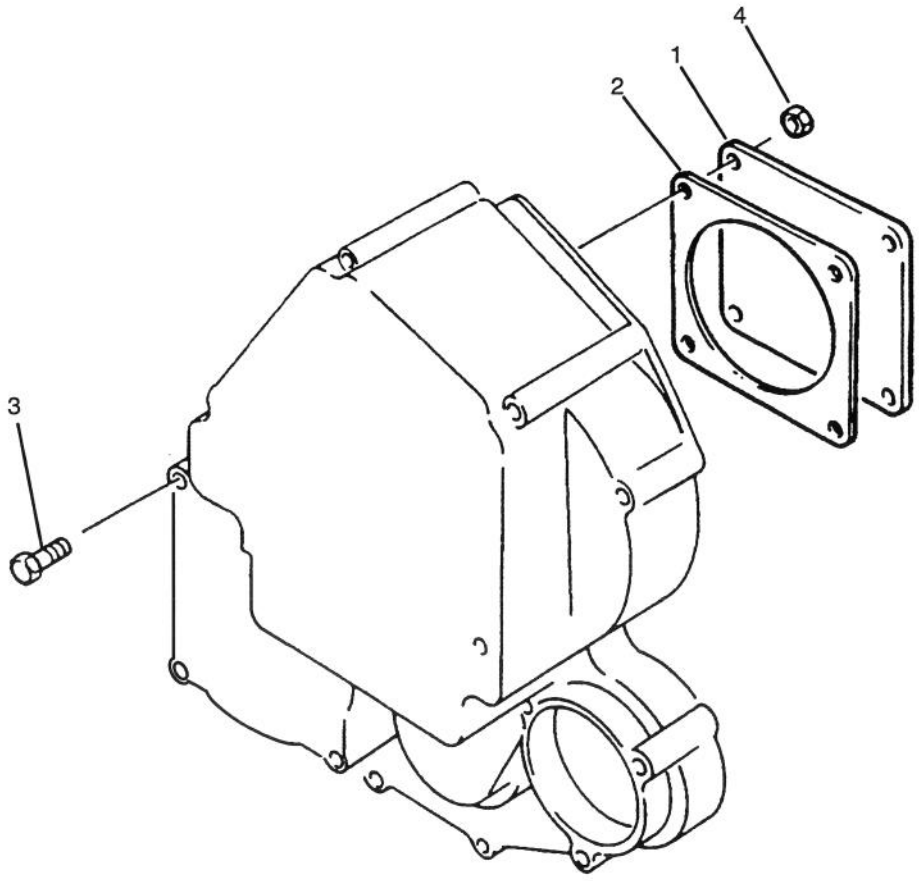
T–2178

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185046210	Alternator	1
2	010110850	Screw	1
3	026909011	Washer	1
4	026200008	Washer	1
5	012810830	Screw	1

Ref. No.	Part No.	Description	No. Used
6	023100008	Nut	2
7	185726431	Lever	1
8	011300816	Screw	1
10	027100008	Washer	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



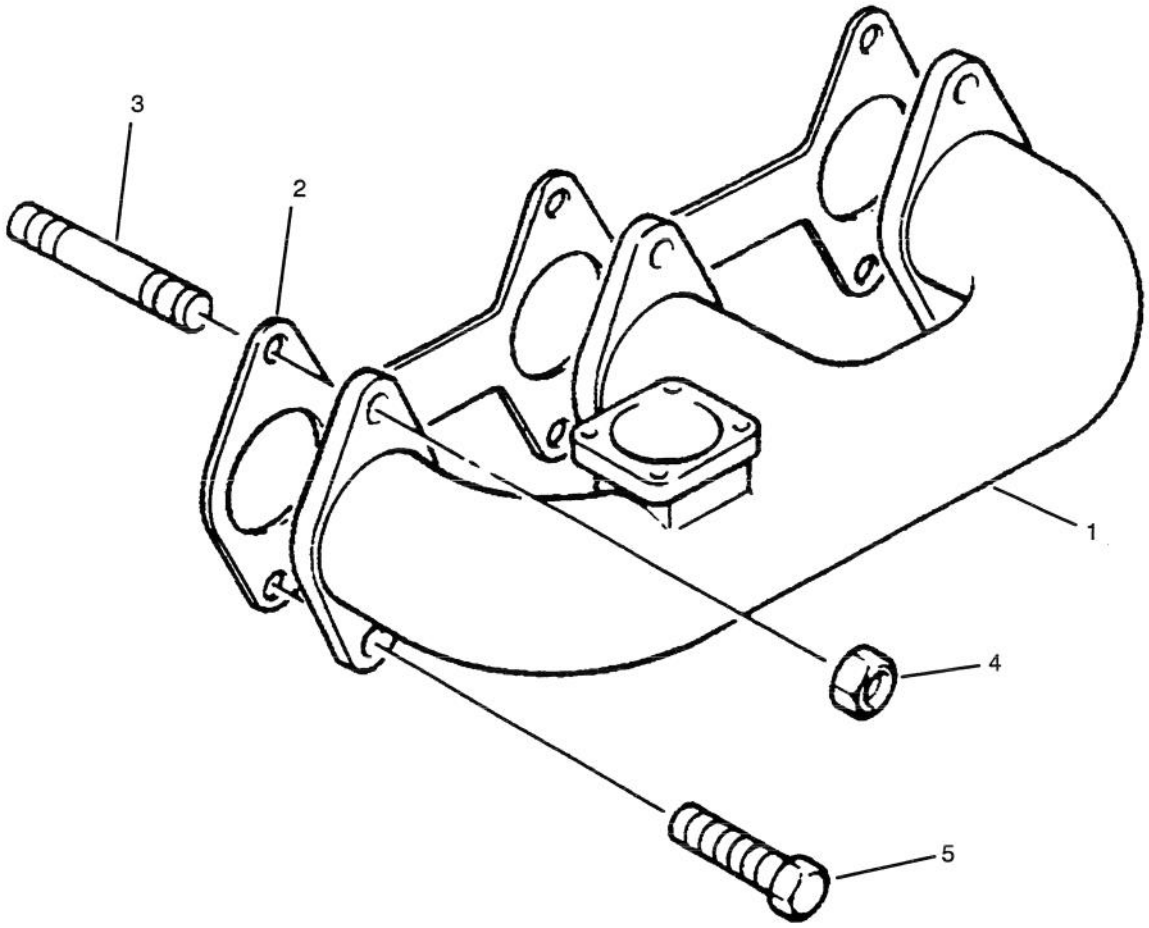
T–1398

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.

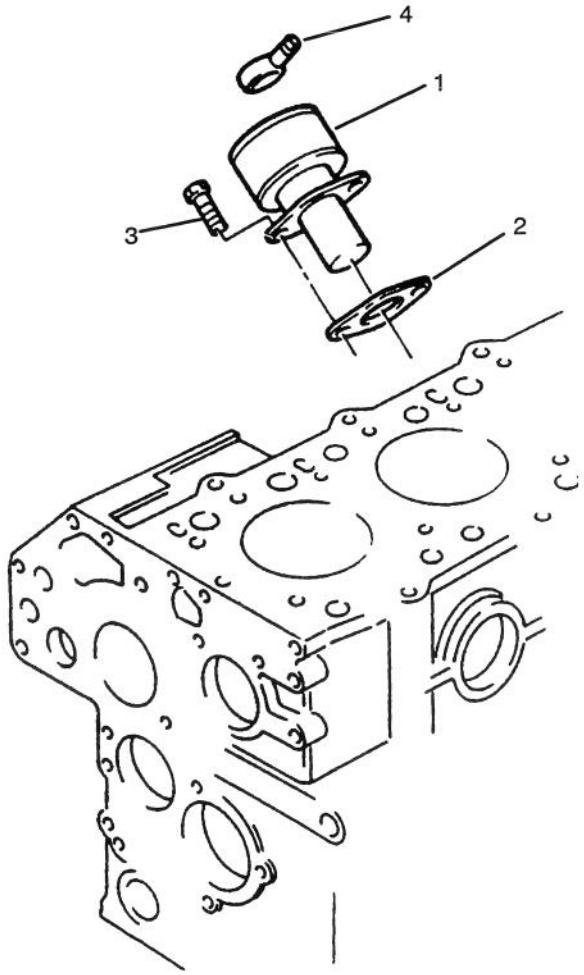


T–1399

EXHAUST MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	135616630	Manifold – Exhaust	1
2	135996520	Gasket	1
3	012110625	Stud	3
4	023100006	Nut	3
5	011310625	Screw	3

NOTE: Obtain replacement parts from your local Perkins Dealer.



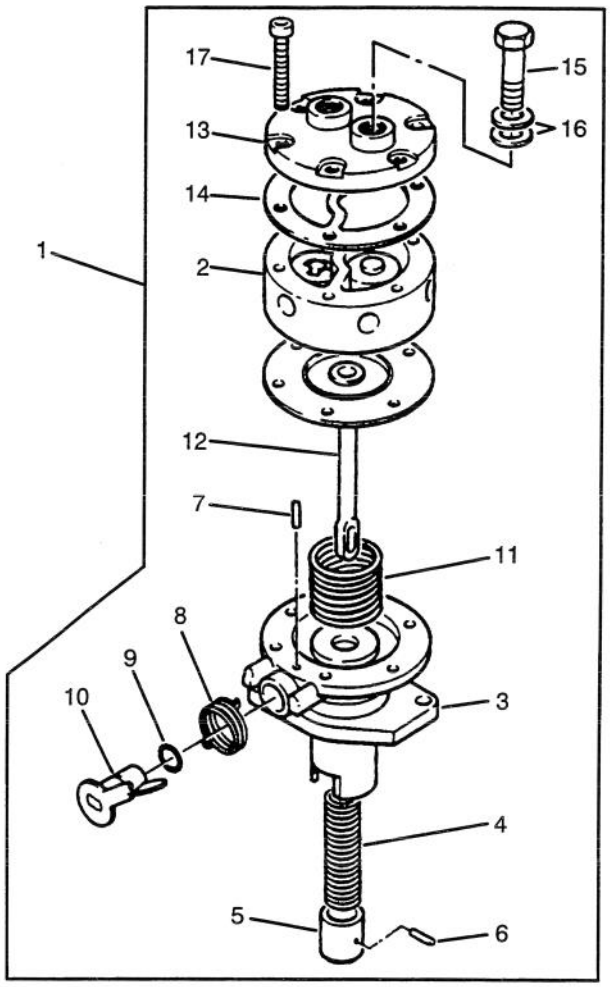
T–2179

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.



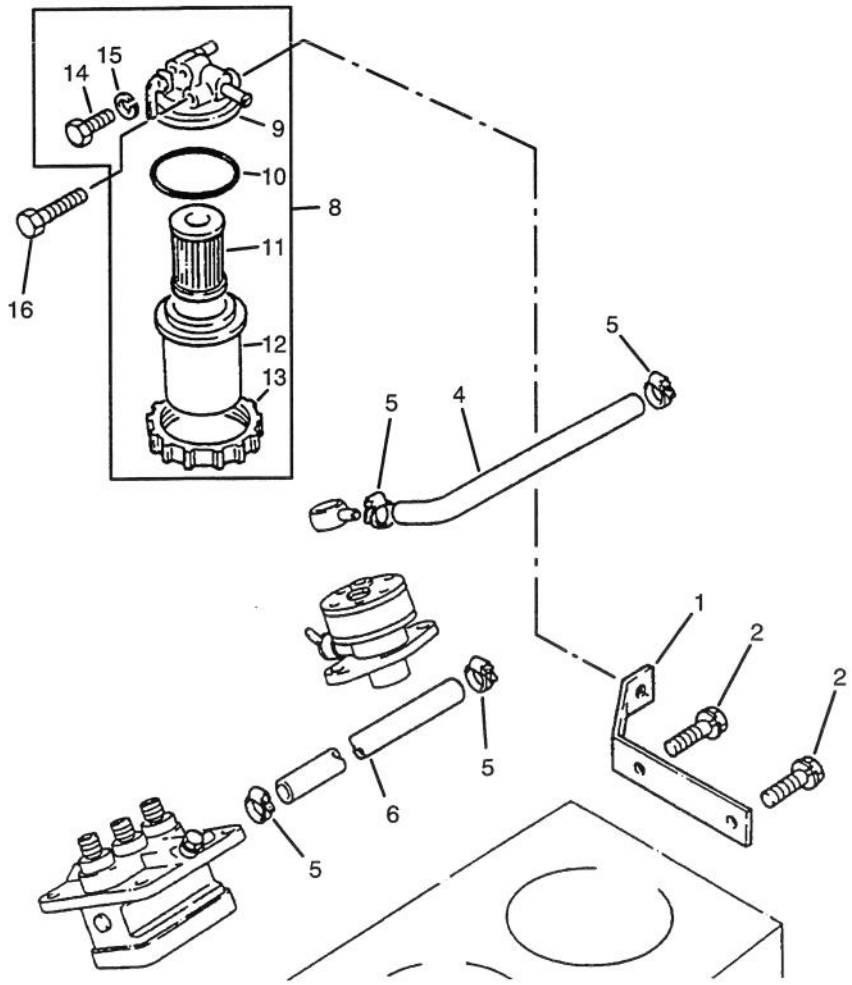
T–1401

LIFT PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	130506140	Lift Pump Assembly (Incl. Ref. #2)	1
2		Body	1
3	130516080	Body	1
4	130516081	Spring	1
5	130516082	Plunger	1
6	130516085	Pin	1
7	130516088	Pin	1
8	130516083	Spring	1

Ref. No.	Part No.	Description	No. Used
9	131226180	Seal – O–Ring	1
10	130516086	Lever	1
11	130516087	Spring	1
12	130516084	Diaphragm	1
13	130516090	Cap	1
14	130516089	Gasket	1
15	130516092	Bolt	2
16	130516069	Washer	4
17	130516091	Screw	6

NOTE: Obtain replacement parts from your local Perkins Dealer.



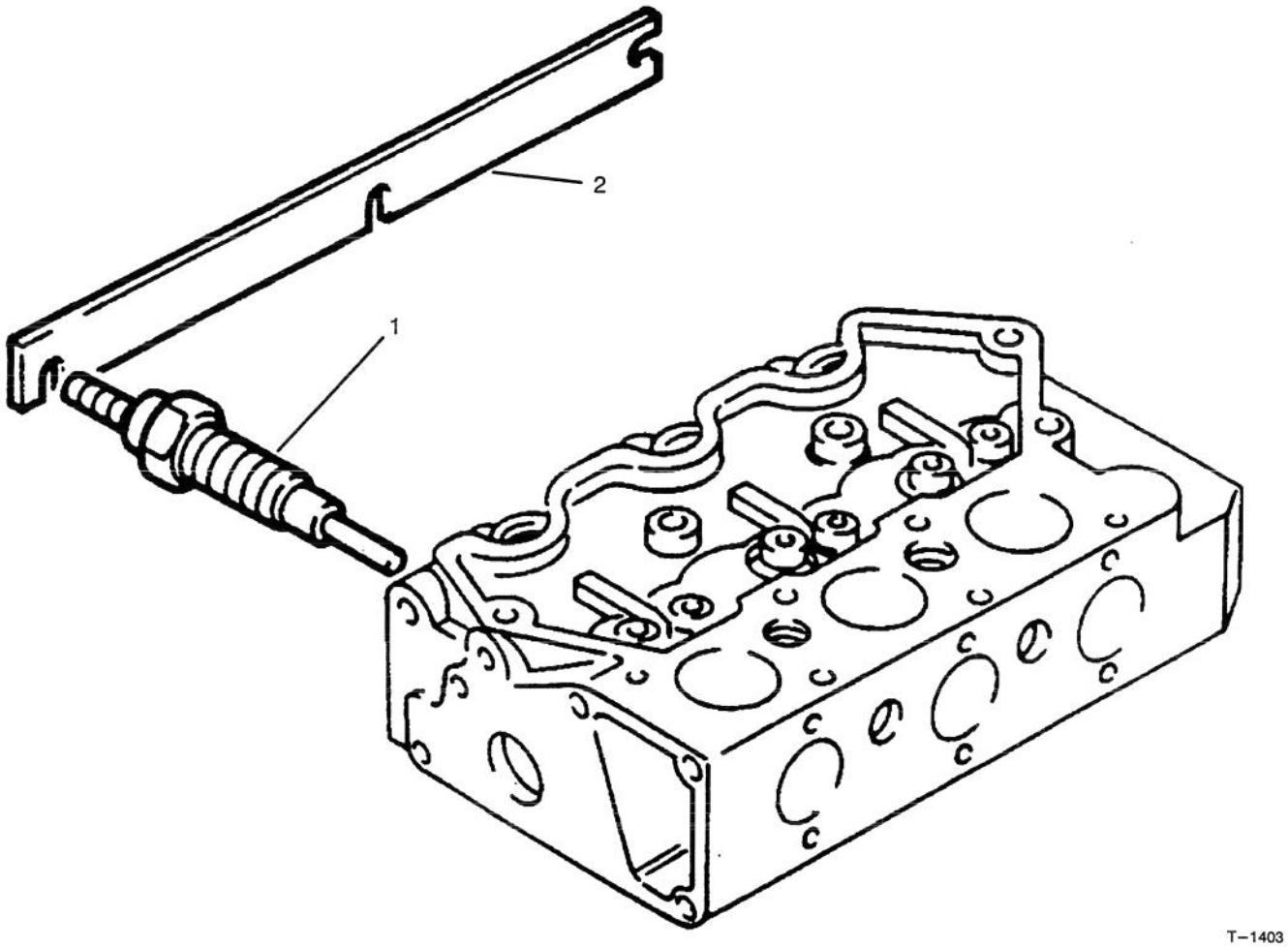
T–2180

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	130976222	Bracket	1
2	011310816	Screw	1
4	068207224	Pipe – Fuel	1
5	198346020	Clip	4
6	068207400	Pipe – Fuel	1
8	130306041	Fuel Filter Assembly (Incl. Ref. #9)	1
9		Head – Filter	1

Ref. No.	Part No.	Description	No. Used
10	052100440	Seal – O–Ring	1
11	130336040	Element – Filter	1
12	130336031	Container	1
13	130446090	Ring	1
14	130446080	Plug	2
15	130326120	Washer	2
16	010100865	Screw	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



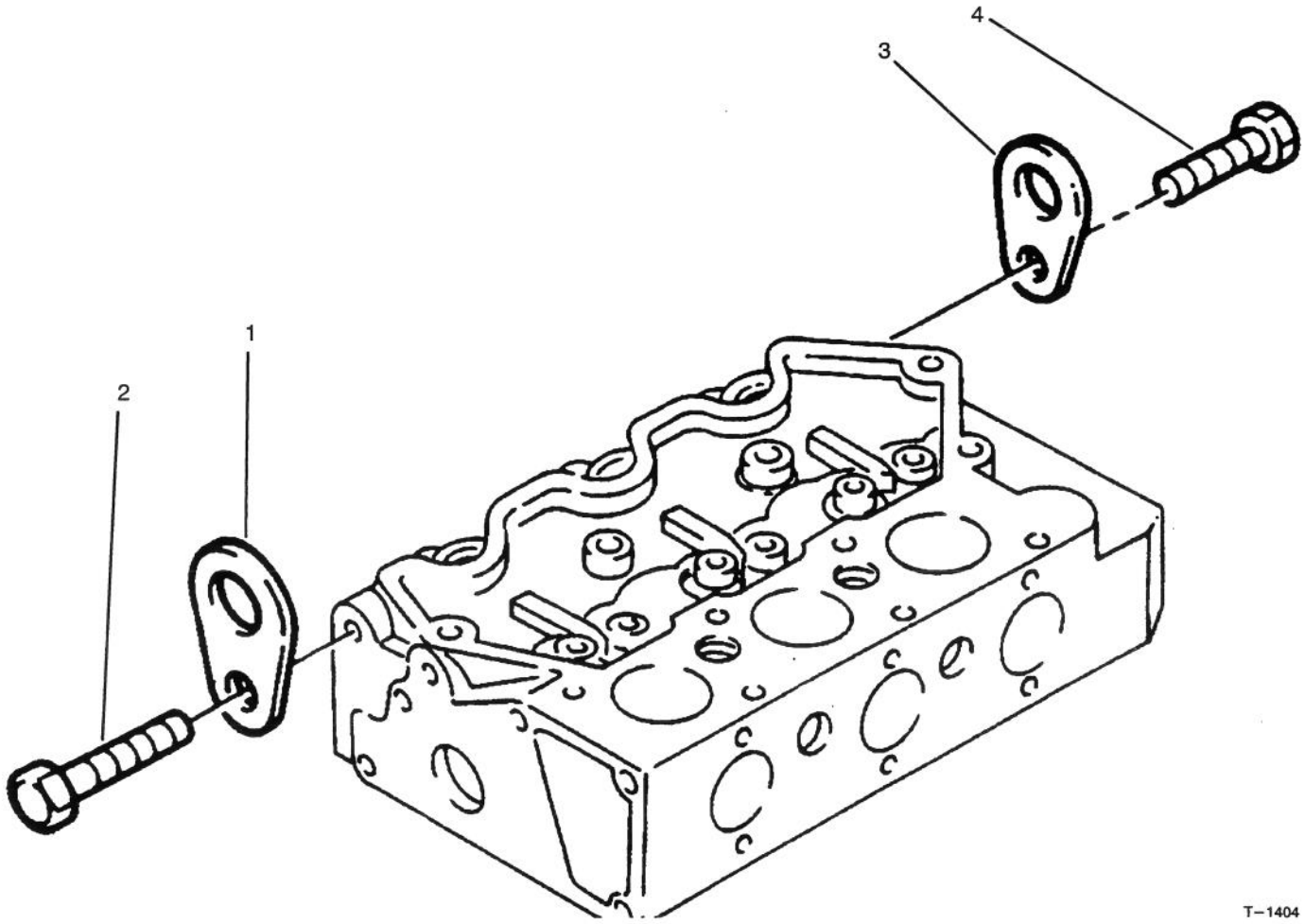
T–1403

COLD START SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185366060	Heater	3

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



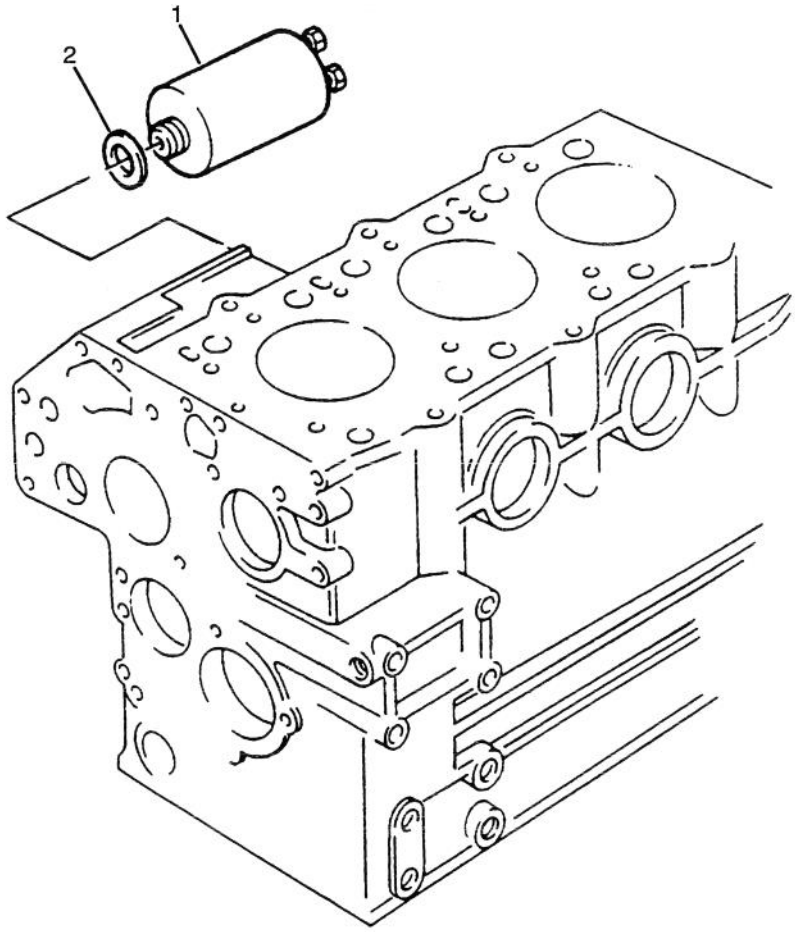
T–1404

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.



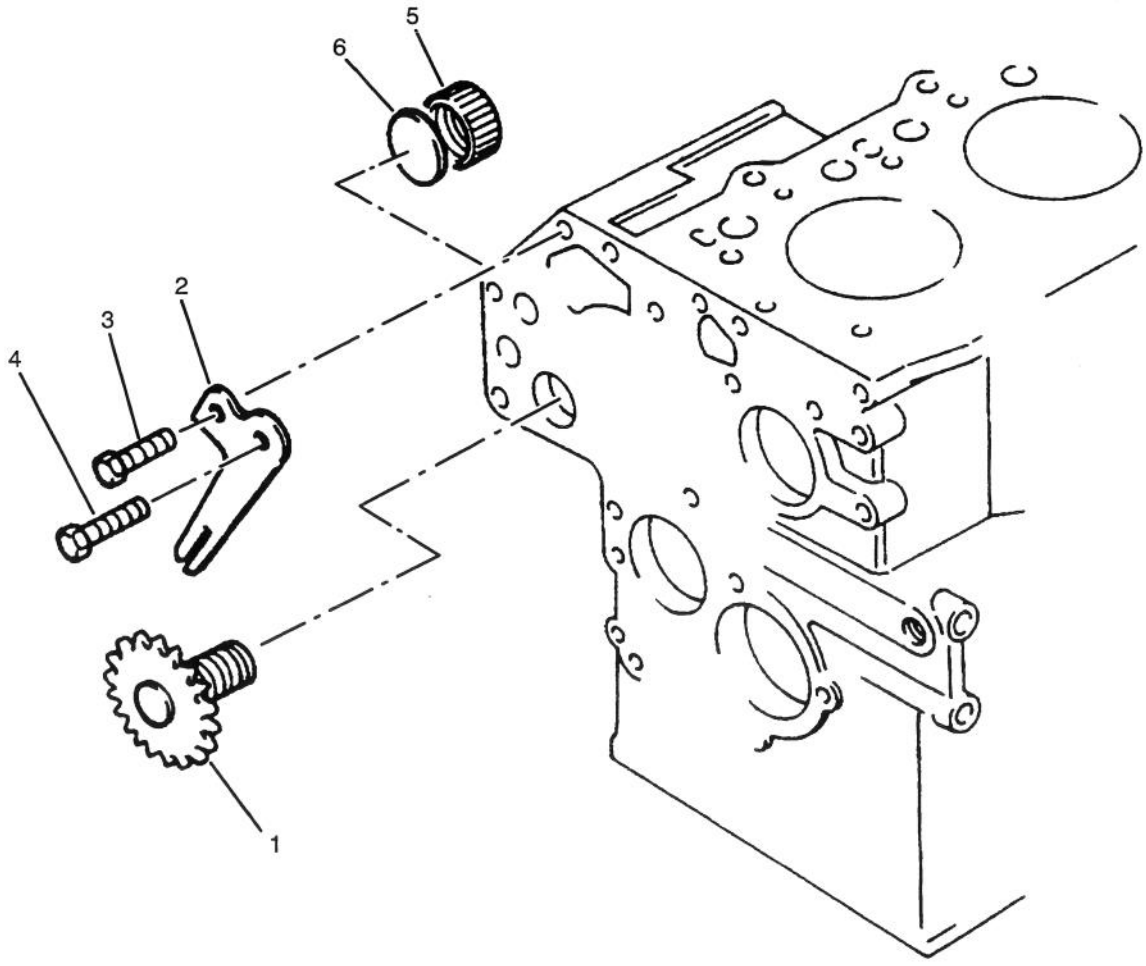
T–1405

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

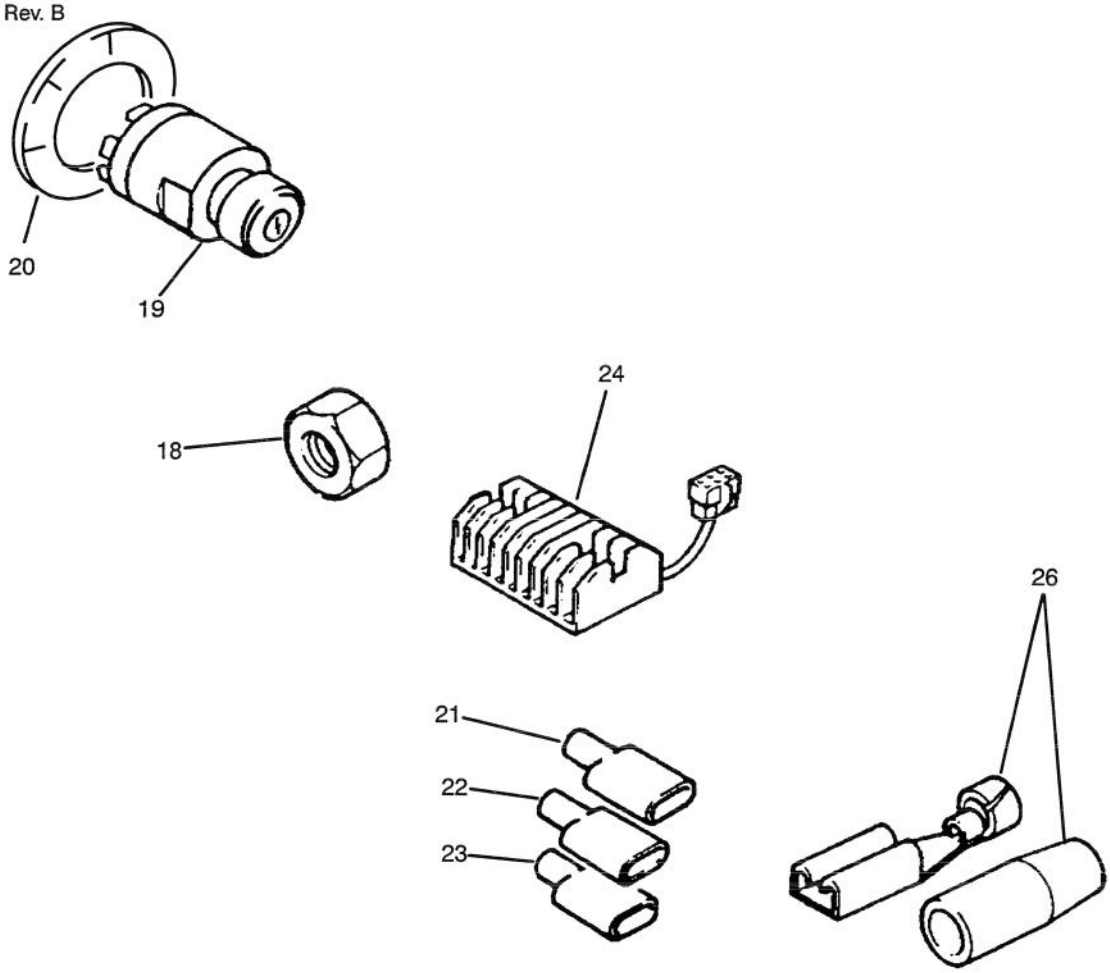
RECORDER ASSEMBLY

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.

3317–651 Rev. B



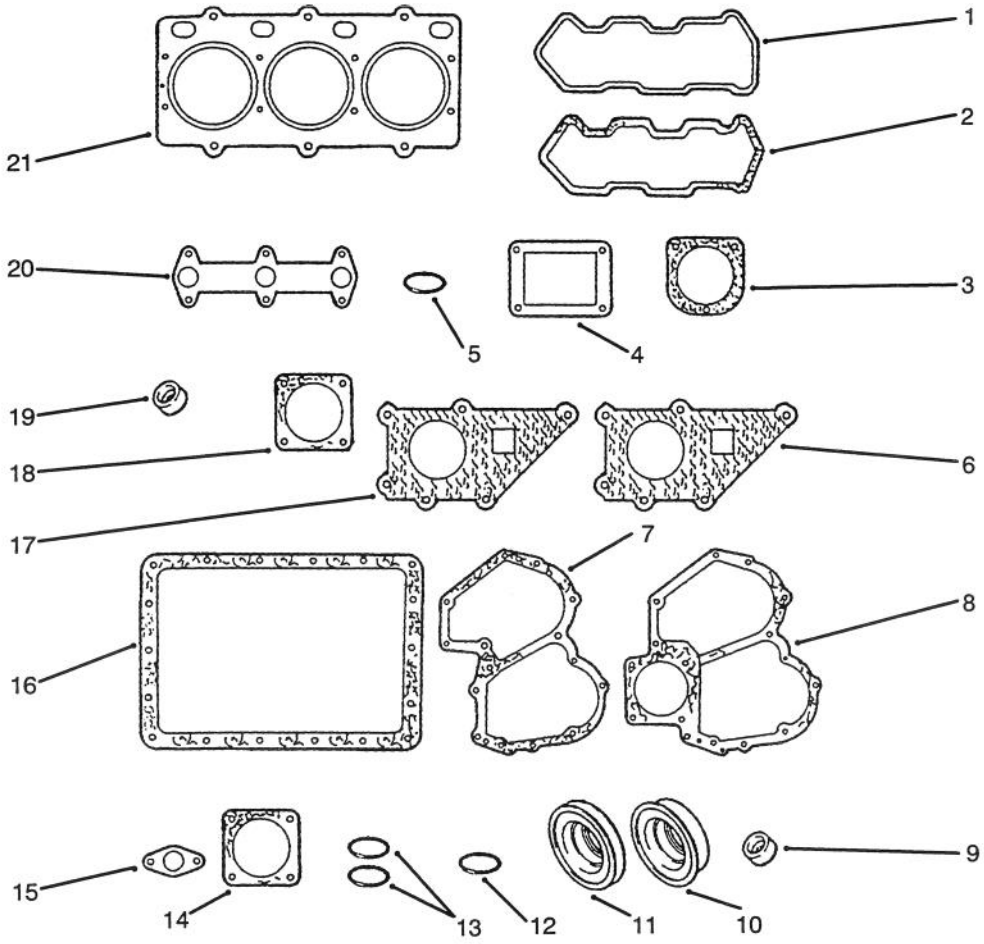
T–2181

ELECTRICAL COMPONENT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
18	020100008	Nut	1
19	385201160	Switch	1
20	390190030	Plate	1
21	385620010	Connection	1

Ref. No.	Part No.	Description	No. Used
22	385620280	Connection	2
23	385620270	Connection	1
24	185516061	Regulator	1
26	385620200	Connection	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



T–1970

GASKET AND SEALS

Ref. No.	Part No.	Description	No. Used
1	111996060	Gasket	1
2	111996330	Gasket	1
3	145996440	Gasket	1
4	130996070	Gasket	1
5	052100400	Seal	1
6	145996430	Gasket	1
7	165996400	Gasket	1
8	165996410	Gasket	1
9	131426200	Gasket	3
10	198636080	Seal	1
11	198636090	Seal	1
12	052109076	O–Ring	1

Ref. No.	Part No.	Description	No. Used
13	052100100	O–Ring	2
14	165996420	Gasket	1
15	130996070	Gasket	1
16	110996590	Gasket	1
17	145996420	Gasket	1
18	314990013	Gasket	1
19	120406080	Seal	3
20	135996520	Gasket	1
21	111147370	Gasket	1
*	195906840	Kit – Gasket & Seals (Incl. Ref. #1–21)	1

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

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3–0348	Bushing	14	19	4
3–0348	Bushing	14	24	2
3–0348	Bushing–Sleeve	14	9	6
3–6498	Washer–Thrust	6	17	A/R
3–6498	Washer–Thrust	14	36	2
5–0743	Spring	14	1	1
5–0743	Spring	14	15	2
5–7290	Spring	14	9	1
10–6830	Stud–Drive Type	14	6	4
10–6850	Drum Brake	14	19	2
10–6870	Hub–Wheel	14	5	1
12–9140	Decal	14	1	1
21–0141	Socket Assy–RH	14	13	1
21–0150	Socket Assy–LH	6	5	1
22–8330	Plug	14	1	2
22–8340	Spring	14	3	2
22–8350	Ball	14	4	2
22–8360	Pin–Cam	14	6	2
22–8370	Seat–Check Valve	14	5	2
22–8380	Retainer–Spring	14	10	2
22–8410	Spring	14	11	1
22–8420	Spool	14	8	1
22–8480	Snap Ring–Spool	14	13	1
22–8490	Snap Ring	14	14	1
22–8500	Seal–O–Ring	14	9	2
23–2140	Hose–Fuel	14	1	1
23–3030	Spacer	14	12	1
26–3790	Nut–Lock	14	4	1
26–3790	Nut–Lock	14	40	2
27–9870	Pin–Seat Switch	2	25	1
28–6180	Pin–Plastic	2	24	1
29–6150	Spring–Leaf	13	13	1
29–6170	Extended Leaf Spring Asm	13	11	1
29–9080	Handle	14	3	1
29–9090	Hose–Handle	14	4	1
33–3270	Washer	11	37	1
33–3750	Race–Inner	11	14	2
33–4930	Gasket	11	26	1
36–4310	Brush	14	5	1
37–9590	Spring–Compression	2	23	1
42–2010	Pin–Alignment	14	13	2
42–2010	Pin–Alignment	14	13	2
42–2720	Seal–Shaft	11	38	1
42–9850	Washer–Lock	14	14	1
43–1950	Valve–Control Hydraulic	14	9	1
43–9071	Limit Switch Asm	2	26	1
44–2212	Indicator Light Assembly	4	15	1
44–8160	Washer–Clutch	14	3	1
48–7700	Screw–HH	14	10	2
48–7780	Screw–HH	14	48	16
48–8010	Washer–Flat	14	44	2
48–9510	Nut–Lock	8	5	1
48–9590	Washer–Lock	14	45	14
51–0670	Hose–Fuel Line	14	4	1
51–3150	Shim–Spring Arm	13	9	1
54–0110	Element–Oil Filter	9	20	1
55–4300	Decal–Warning	14	8	2
55–4300	Decal–Warning	14	26	1
56–2230	Hose–Fuel	14	10	1
56–2520	Fitting–Fuel Shutoff	14	8	1
56–7970	Clamp–Tube	14	21	4
56–7976	Clamp–Tube	14	7	2
56–7976	Clamp–Tube	14	21	2
57–5420	Screw–Shoulder	9	1	1
57–6390	Nut–Jam	14	13	1
59–2580	Spacer	14	15	2
59–8320	Ring–Retaining	14	16	1
59–8320	Ring–Retaining	14	16	1
59–8420	Seal–O–Ring	14	11	2
59–8420	Seal–O–Ring	14	11	2
60–5890	Washer–Backup	14	18	1
60–5890	Washer–Backup	14	18	1
60–6330	Screw–Pan Hd.	11	9	4
61–2070	Link–Steering	14	27	1
61–2070	Tube–Steering	6	4	1
61–2450	Hub–Lift	14	19	1
61–2790	Filler–Screen	9	7	1
61–3600	Tab–Lift	14	7	2
61–3830	Chain	14	12	2
61–3990	Parking Brake WA	14	7	1
62–7170	Spacer	2	42	1
62–7240	Sleeve–Vinyl Spring	14	2	1
62–7400	Decal–Toro	1	2	1
63–8410	Washer–Flat	9	11	3
63–8410	Washer–Flat	14	15	3
65–8320	Bar–Height–Of–Cut	14	1	1
66–2920	Washer–Nylon	13	30	1
66–3160	Screw	14	53	10
66–3240	Cap–Radiator	7	13	1
66–5710	Seal–Oil	14	17	1
66–5710	Seal–Oil	14	17	1
66–5730	Front Plate Assembly	14	14	1
66–5730	Front Plate Assembly	14	14	1
67–5360	Decal–Danger	2	4	1
68–6030	Screw–HH	14	5	1
68–8990	Head–Oil Filter	9	21	1
69–1170	Glass–Sight	9	2	1
69–4120	Cartridge Valve Assembly	14	1	1
69–4240	Seal Kit	14	2	1
69–4300	Nut	14	11	1
69–9760	Plate–Clamp	14	20	2
69–9760	Plate–Cover	14	20	1
70–1240	Plug Assembly	11	23	2
70–1480	Relay	4	21	1
70–1480	Relay	2	27	1
70–9840	Shoe–Brake	14	17	4
70–9860	Pin–Pivot	14	43	2
70–9870	Plate–Brake	14	44	2
70–9880	Spring–Extension	14	42	4
71–1370	Spring–Compression	14	14	1
71–1380	Pin–Switch Actuator	14	13	1
71–1500	Brake Assembly	14	*	2
71–2960	Valve–Flow Control	14	11	1
71–3382	Hose	7	11	1
72–4190	Pin–Cylinder Guide	14	16	1
74–0720	Tube–Manual	2	12	1
74–6110	Stop–Cam	13	29	1
74–9100	Pad–Pedal Forward	13	15	1
74–9110	Pad–Pedal Reverse	13	17	1
75–2080	Seal Kit	14	7	3
75–2160	Bushing–Flg	6	15	2
75–4703	Hose–Fuel	14	61	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
75–4703	Hose–Fuel Return	14	13	1
75–6820	Hour Meter	4	9	1
75–7730	Washer–Thrust	14	16	1
75–9990	Motor–Hydraulic	14	8	1
75–9990	Motor–Hydraulic RH	14	12	1
76–0800	Seal Kit	14	*	1
76–0800	Seal Kit	14	*	1
76–0800	Seal Kit	14	*	1
76–0810	Housing Assembly	14	*	1
76–0810	Housing Assembly	14	*	1
76–0810	Housing Assembly	14	*	1
76–0840	Manifold	14	22	1
76–0840	Manifold	14	22	1
76–0840	Manifold	14	22	1
76–0850	Bearing–Thrust	14	12	1
76–0850	Bearing–Thrust	14	12	1
76–0850	Bearing–Thrust	14	12	1
76–0860	Shaft–Coupling	14	11	1
76–0860	Shaft–Coupling	14	11	1
76–0860	Shaft–Coupling	14	11	1
76–0870	Plate–Wear	14	18	1
76–0870	Plate–Wear	14	18	1
76–0870	Plate–Wear	14	18	1
76–0880	Commutator Assembly	14	*	1
76–0880	Commutator Assembly	14	*	1
76–0880	Commutator Assembly	14	*	1
76–0890	End Cover Assembly	14	24	1
76–0940	End Cover Assembly	14	24	1
76–0940	End Cover Assembly	14	24	1
76–0960	Link–Drive	14	13	7
76–0960	Link–Drive	14	13	7
76–0960	Link–Drive	14	13	7
76–0970	Rotor Set	14	*	1
76–0970	Rotor Set	14	*	1
76–0970	Rotor Set	14	*	1
76–1010	Screw–Cap, Hex. Hd.	14	14	1
76–1010	Screw–Cap, Hex. Hd.	14	14	1
76–2200	Footrest–Traction Pedal	1	7	1
76–2260	Pad–Footrest	1	5	1
76–6070	Rotating Parts Kit	11	31	1
76–6080	Cover–Seal	11	18	1
76–6090	Cover–Trunnion	11	10	1
76–6100	Cover–O–Ring	11	11	1
76–6140	Seal–O–Ring	11	12	1
76–6150	Pin–Dowel	11	20	2
76–6180	Washer	11	13	2
76–6190	Seal–Shaft	11	19	1
76–6200	Spring	11	24	2
76–6471	Trim	2	41	1
76–8870	Dampner	13	43	1
76–9760	Pivot–Damper	13	48	1
77–3100	Decal–Caution	7	3	1
80–6980	Soft Latch Asm	4	14	1
80–6990	Washer–Hardened	14	2	6
80–6990	Washer–Hardened	10	9	2
80–6990	Washer–Hardened	14	16	16
80–7345	Hose	4	23	1
81–1690	Clamp–Throttle Cable	14	37	1
82–3110	Sender–Temp	14	26	1
82–4910	Roller	14	16	2
83–2010	Coil Assembly	14	10	1
83–7970	Fitting–Hydraulic	7	28	2
83–7980	Bracket–Radiator Rear	7	19	1
83–8040	Cover–Left	7	9	1
83–8070	Shield–Radiator Bottom	7	24	1
83–8080	Key	14	9	1
83–8120	Panel–Right Rear	2	6	1
83–8150	Screen Asm	7	23	1
83–8210	Panel–Left Front	7	26	1
83–8270	Pedal WA–Traction	13	16	1
83–8510	Bracket–Left Fender	1	24	1
83–8720	Tank–Fuel	14	12	1
83–8760	Rod–Pump Control	13	25	1
83–9000	Battery	14	5	1
83–9030	Foam–Top	7	14	1
83–9210	Cable–Battery Neg.	14	60	1
83–9210	Cable–Battery–Neg	14	7	1
83–9240	Bracket–Battery	14	18	1
83–9270	Brake Arm WA–LH	14	29	1
83–9310	Brake Arm WA–RH	14	28	1
83–9330	Shaft–Brake	14	37	1
83–9340	Shield–Grass Brake	14	15	2
83–9350	Rod–Adjusting	14	6	1
83–9500	Tube Asm–3wd Valve	14	10	1
83–9500	Tube–Hydraulic	14	9	1
83–9550	Decal–Warning	2	40	1
83–9651	Hose–Hydraulic	9	15	1
83–9710	Footrest–LH	1	29	1
83–9800	Sheild–Front Grass LH	1	25	1
83–9840	Pad–Foot	1	30	1
83–9920	Bracket–Hydraulic Tank	9	9	1
84–1650	Decal–Brake	1	28	1
84–1990	Rod–Adjusting	14	35	2
84–2000	Bracket–Brake	14	25	2
84–8440	Bush–Flg	14	17	2
85–5160	Valve Lever WA	14	6	1
85–5230	Bracket–Seat Pivot	2	9	2
85–5330	Seat Plate WA	2	11	1
85–5340	Tube–Seat Pivot	2	7	2
85–6540	Drive Type Stud	14	23	4
87–7270	Washer–Hardened	10	5	2
87–8640	Washer–Flat	3	65	1
87–8640	Washer–Flat Hardened	13	38	1
87–8640	Washer–Flat, Hardened	6	24	2
87–9400	Valve	8	8	1
88–3850	Steering Wheel Asm	6	1	1
88–6720	Radiator Bracket WA	7	37	1
88–6730	Bracket–Screen Front	7	30	1
92–1715	Spacer	14	39	8
92–1812	Shaft–Lift Pivot	14	1	2
92–1812	Shaft–Lift Pivot	14	15	1
92–1815	Rod–Pivot	14	12	2
92–1815	Rod–Pivot	14	37	1
92–1818	Arm–Tension Spring	14	4	2
92–1818	Arm–Tension Spring	14	10	1
92–3154	Tab–Throttle	14	43	1
92–3162	Bushing–Flg	6	10	4
92–3179	Decal–Control	2	20	1
92–3188	Diode–Circuit Board	2	36	1
92–3194	Switch–Push/Pull	4	16	1
92–3196	Valve–2 Position	14	8	1
92–7904	Cap–Valve	14	1	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
92–7905	Micro Switch	14	5	1
92–7911	Boot	14	10	1
92–7912	Retainer–Boot	14	14	1
92–7913	Seal Repair Kit	14	*	1
92–9260	Relief Valve Assembly	14	19	1
92–9260	Relief Valve Assembly	14	19	1
92–9775	Warning Light Cluster	4	12	1
93–1413	Seal Repair Kit	14	*	1
93–1413	Seal Repair Kit	14	*	1
93–2190	Air Cleaner Asm	7	43	1
93–2191	Clamp Assembly	8	4	1
93–2191	Clamp Assembly	7	42	1
93–2195	Element–Air Cleaner	8	2	1
93–3102	Fuel Cap–Diesel	14	11	1
93–4411	Gauge–Temperature	4	13	1
93–6702	Frame WA	6	14	1
93–6706	Pully–Engine	14	4	1
93–6707	Spindle–Clutch	14	49	1
93–6712	Bracket–Mount Front	14	46	2
93–6713	Bracket–Mount Rear LH	14	31	1
93–6718	Hydraulic Manifold Assembly	14	25	1
93–6719	Muffler	14	19	1
93–6720	Bracket–Muffler	14	24	1
93–6721	Tube–Muffler	14	23	1
93–6722	U–Bolt	14	25	1
93–6724	Hose–Air Inlet Lower	7	51	1
93–6725	Bracket–Wire Keeper	14	6	1
93–6726	Radiator Asm	7	38	1
93–6727	Clutch–Electric	14	54	1
93–6728	Hose–Radiator Upper	14	27	1
93–6728	Hose–Radiator Upper	7	52	1
93–6729	Hose–Radiator Lower	14	33	1
93–6729	Hose–Radiator Lower	7	53	1
93–6730	Shroud–Radiator Bottom	7	10	1
93–6731	Shroud–Radiator Top	7	4	1
93–6732	Panel–Left Rear	2	52	1
93–6733	Brkt–Valve Mount	14	24	1
93–6737	Pump Mount Mach	10	7	1
93–6738	Chain–Tipper	14	22	2
93–6742	Brkt–Hood Pivot	1	20	2
93–6743	Stop–Throttle	4	2	1
93–6751	Pump Assembly	10	8	1
93–6761	Decal–Reelmaster 2300D	2	21	2
93–6762	Switch–Push Button	4	7	1
93–6766	Steering Shaft & Pinion	6	22	1
93–6768	Gear WA–Sector	6	6	1
93–6769	Steering Column WA	6	21	1
93–6774	Cylinder–Lift	14	22	1
93–6775	Cable–Battery Pos.	14	59	1
93–6775	Cable–Battery–Pos	14	6	1
93–6776	Fender–LH	1	27	1
93–6778	Fender–Right	1	11	1
93–6779	Footrest–RH	1	9	1
93–6780	Hinge–W.A.	1	17	1
93–6782	Fork–Rear Wheel	14	9	1
93–6786	Hydraulic Hose Assembly	14	14	2
93–6787	Hydraulic Hose Assembly	14	3	2
93–6788	Hydraulic Hose Assembly	14	6	2
93–6789	Hydraulic Hose Assembly	14	40	1
93–6790	Hydraulic Hose Assembly	14	33	2
93–6793	Ftg–Barb	9	4	1
93–6794	Fitting – Special	9	27	1
93–6795	Fitting–90°	10	22	1
93–6796	Bracket–Bulkhead	14	42	1
93–6797	Hose Asm	14	1	1
93–6797	Hose Asm	10	14	1
93–6798	Hose Asm	14	11	1
93–6798	Hose–Hydraulic	10	37	1
93–6799	Hose–Hydraulic	9	19	1
93–6799	Hose–Hydraulic	10	36	1
93–6800	Hose–Hyd	10	18	1
93–6800	Hose–Hydraulic	14	34	1
93–6803	Fitting–90 Deg	7	34	2
93–6803	Fitting–Hydraulic 90°	14	26	1
93–6804	Hose	7	36	1
93–6804	Hose–Hydraulic	9	24	1
93–6805	Hose	7	39	1
93–6805	Hose–Hydraulic	14	27	1
93–6806	Hose	10	23	1
93–6806	Hose–Hydraulic	9	25	1
93–6807	Hose Asm	14	14	1
93–6807	Hose–Hydraulic	14	37	1
93–6811	Tank–Hydraulic	9	8	1
93–6816	Control–Throttle	4	1	1
93–6824	Pump Lever Asm	13	34	1
93–6825	Plate–Pump	13	4	1
93–6826	Mounting Bracket WA	13	39	1
93–6828	Hose Assy	10	31	1
93–6828	Hose–Hydraulic	14	17	1
93–6829	Hose Assy	10	11	1
93–6829	Hose–Hydraulic	14	18	1
93–6830	Tube–Hyd	14	2	1
93–6835	Tube–Hyd	14	4	1
93–6836	Tube Assy	14	5	1
93–6837	Tube Asm	14	16	1
93–6838	Hub–Wheel	14	18	2
93–6840	Belt–Pump Drive	10	2	1
93–6841	Pulley	10	3	1
93–6842	Taper Lock Bushing Assy.	10	1	1
93–6843	Hose Asm	14	3	2
93–6843	Hose–Hydraulic	14	26	2
93–6845	Yoke–Belt Adjust	10	29	1
93–6846	Panel–Right Front	2	5	1
93–6847	Panel–Left Front	2	2	1
93–6848	Fitting–Barb 45°	10	24	1
93–6850	Brake Lever WA	14	32	2
93–6857	Hose–Hydraulic	9	23	1
93–6857	Hose–Hydraulic	10	38	1
93–6858	Shield–Front RH	1	16	1
93–6859	Spacer	13	20	2
93–6868	Footstep WA	2	34	1
93–6869	Cylinder–Hydraulic Asm	14	23	1
93–6876	Hose–Air Inlet Upper	7	50	1
93–6877	Foam–Seal	7	1	1
93–6879	Tire	14	20	2
93–6880	Tire	14	1	1
93–6881	Rim	14	2	1
93–6881	Rim	14	21	2
93–6887	Hose Asm	14	15	1
93–6887	Hose–Hydraulic	14	38	1
93–6888	Motor–Hydraulic LH	14	38	1
93–6889	Hose Assy	14	20	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
93–6889	Hose–Hydraulic	14	36	1
93–6890	Hose Assy	14	19	1
93–6890	Hose–Hydraulic	14	35	1
93–6892	Bracket–Throttle Cable	14	40	1
93–6893	Ram Pivot Pin WA	14	14	1
93–6895	Tube–Asm–3wd Fwd	14	6	1
93–6895	Tube–Hydraulic	14	10	1
93–6896	Tube Asm–3wd Reverse	14	13	1
93–6900	Decal–Warning	14	8	3
93–6902	Decal–Fuse Block	4	17	1
93–6903	Decal–Service Info	2	39	1
93–6904	Spacer	14	27	2
93–6905	Shield–Wheel	14	26	2
93–6908	Spacer–Split	2	58	1
93–6912	Shackle WA	14	6	1
93–6912	Shackle WA	14	16	2
93–6918	Hydraulic Tube Assembly	14	30	1
93–6919	Hydraulic Tube Assembly	14	43	1
93–6920	Hydraulic Tube Assembly	14	44	1
93–6921	Relief Valve Assembly	14	*	1
93–6922	Tube–Hydraulic	14	12	1
93–6923	Tube–Hydraulic	14	18	1
93–6924	Trim	2	57	2
93–6926	Pin–Clevis	14	29	1
93–6927	Trim	1	32	1
93–6931	Bracket–Cyl Support	14	4	1
93–6932	Exchanger–Heat	7	27	1
93–6933	Sleeve–Protective	7	46	1
93–6935	Hose Assembly	14	32	1
93–6936	Arm–Traction	13	18	1
93–6938	Panel–Foot	2	47	1
93–6941	Trim	4	26	2
93–6946	Bracket–Mount Rear RH	14	64	1
93–6972	Hydraulic Motor Assembly	14	17	2
93–6974	Pump–Reel Drive	10	19	1
93–6975	Hydraulic Motor Assembly	14	36	1
93–7159	Knob	7	35	2
93–7160	Oil Cap Assembly	9	6	1
93–8823	Coupling	14	37	3
94–1754	Micro Switch	13	3	1
94–1754	Micro Switch	14	45	1
94–3425	Screw	14	16	1
94–3426	Stop–Valve	14	13	1
94–3427	Plug Assembly	14	2	1
94–3600	Screw–Hex. Socket Hd.	14	15	8
94–3600	Screw–Hex. Socket Hd.	14	15	8
94–3601	Gear–Idler	14	8	1
94–3601	Gear–Idler	14	8	1
94–3602	Gear–Drive	14	9	1
94–3602	Gear–Drive	14	9	1
94–3603	Body	14	12	1
94–3603	Body	14	12	1
94–3604	Backplate/Relief Assembly	14	7	1
94–3605	Backplate/Relief Assembly	14	7	1
94–3606	Key	14	10	1
94–3606	Key	14	10	1
94–3607	Cartridge–Relief Valve	14	20	1
94–3608	Body–Relief Valve	14	19	1
94–3609	Piston	14	8	1
94–3610	Shaft	14	6	1
94–3611	Head	14	3	1
94–3612	Ring–Retaining	14	1	1
94–3613	Barrel	14	11	1
94–3614	Repair Kit	14	*	1
94–3615	Head	14	10	1
94–3616	Piston	14	4	1
94–3617	Clevis–Rod	14	14	1
94–3618	Shaft	14	7	1
94–3619	Repair Kit	14	*	1
94–3620	Barrel	14	2	1
94–3622	Hood Assembly	1	1	1
94–3623	Seal Kit	12	*	1
94–3624	Flange Assembly	12	3	1
94–3625	Pin–Dowel	12	7	4
94–3626	Cover–End	12	8	1
94–3627	Carrier Frame Assembly LH	14	3	1
94–3628	Carrier Frame Assembly RH	14	4	1
94–3629	Carrier Frame Assy. Rear	14	2	1
94–3632	Skirt Assembly	2	19	1
94–3633	U–Bracket Support	9	17	1
94–3633	U–Bracket Support Assy.	3	61	1
94–3634	Air Cleaner Housing Assy.	7	2	1
94–3635	Lift Arm Assembly Rear	14	35	1
94–3636	Lift Arm Assembly RH	14	6	1
94–3637	Lift Arm Assembly LH	14	7	1
94–3638	Ring–Retaining	14	11	1
94–3639	Bolt	12	9	4
94–3640	Backplate Assembly	11	27	1
94–3641	Housing Assembly	11	17	1
94–3642	Shaft–Drive	11	33	1
94–3643	Camplate	11	22	1
94–3644	Seat	11	25	2
94–3645	Key	11	32	1
94–3645	Key	10	35	1
94–3646	Key	11	21	1
94–3647	Charge Pump Adaptor Assy.	11	2	1
94–3648	Gerotor Assembly	11	3	1
94–3649	Plate–Valve	11	7	1
94–3650	Valve Assembly	11	5	1
94–3651	Seal Kit	11	*	
94–3652	Cover Assembly	8	3	1
94–3653	Bolt	8	7	1
94–3654	Spring–Compression	8	6	1
94–3655	Cartridge Valve Assembly	14	14	1
94–3656	Spool Assembly	14	8	1
94–3657	Spool Assembly	14	18	1
94–3658	Knob Assembly	14	19	1
94–3659	Spool Assembly	14	15	1
94–3660	Knob Assembly	14	16	1
94–3661	Seal Kit	14	17	1
94–3662	Screw–Cap, Hex. Hd.	14	14	1
94–3688	Sleeve – Protective	10	46	1
94–3691	Instrument Panel WA	4	20	1
94–3691	Panel–Instrument	3	62	1
94–3692	Harness–Wire	14	58	1
94–3692	Wire Harness Assembly	4	25	1
94–3694	Angle–Right	2	43	1
94–4985	Decal–Instrument Panel	4	19	1
218–461	Nut–HH	2	35	1
218–562	Lens – Light	4	31	1
218–578	Fuse–10 Amp	4	4	2
218–594	Fuse–20 Amp	4	3	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
219–18	Bulb – Licht	4	30	1
2112–11	Clamp–Muffler	14	28	1
232–27	Stem–Valve	14	25	1
232–27	Stem–Valve	14	41	2
233–37	Knob	14	7	1
233–46	Knob	14	11	1
237–21	Seal–O–Ring	14	22	2
237–21	Seal–O–Ring	14	41	2
237–21	Seal–O–Ring	14	43	4
237–22	Seal–O–Ring	14	3	1
237–22	Seal–O–Ring	14	11	3
237–22	Seal–O–Ring	14	24	5
237–22	Seal–O–Ring	14	39	1
237–22	Seal–O–Ring	14	42	1
237–22	Seal–O–Ring	14	45	1
237–30	Seal–O–Ring	14	7	13
237–30	Seal–O–Ring	14	11	6
237–30	Seal–O–Ring	14	20	6
237–30	Seal–O–Ring	14	27	2
237–30	Seal–O–Ring	10	40	3
237–30	Seal–O–Ring	7	54	2
237–37	Bumper–Rubber	2	55	2
237–42	Seal–O–Ring	14	2	2
237–42	Seal–O–Ring	14	12	3
237–42	Seal–O–Ring	14	19	2
237–42	Seal–O–Ring	14	21	2
237–42	Seal–O–Ring	14	23	4
237–42	Seal–O–Ring	14	41	1
237–42	Seal–O–Ring	14	46	1
237–65	Seal–O–Ring	14	24	4
237–65	Seal–O–Ring	10	44	2
237–65	Seal–O–Ring	14	48	4
237–78	Seal–O–Ring	14	4	7
237–78	Seal–O–Ring	14	21	2
237–78	Seal–O–Ring	14	21	2
237–78	Seal–O–Ring	14	40	2
237–78	Seal–O–Ring	14	44	2
237–79	Seal–O–Ring	14	5	1
237–79	Seal–O–Ring	14	9	7
237–79	Seal–O–Ring	14	12	3
237–79	Seal–O–Ring	14	40	1
237–79	Seal–O–Ring	10	43	4
237–80	Seal–O–Ring	14	16	6
237–80	Seal–O–Ring	14	28	2
237–80	Seal–O–Ring	10	41	1
237–80	Seal–O–Ring	14	47	4
237–81	Seal–O–Ring	9	26	4
237–81	Seal–O–Ring	10	42	3
237–156	Seal –O–Ring	14	12	2
240–11	Grommet	9	10	3
240–11	Grommet	14	14	3
242–50	Nut–Lug	14	22	8
242–50	Nut–Lug	14	24	4
2410–18	Plug	14	2	1
2411–52	Bearing–Rod End RH	13	21	1
2411–53	Bearing–Rod End LH	13	23	1
2412–34	Clamp–Hose	9	14	4
2412–34	Clamp–Hose	10	25	2
2412–34	Clamp–Hose	7	29	2
2412–34	Clamp–Hose	14	32	2
2412–36	Clamp–Hose	14	9	2
2412–36	Clamp–Hose	10	15	1
2412–36	Clamp–Hose	7	40	2
2412–39	Clamp–R	2	16	3
2412–39	Clamp–R	4	24	1
2412–41	Clamp–R	7	41	1
2412–92	Clamp–Hose	7	45	3
2412–96	Clamp–R	14	12	1
2412–104	Clamp–R	14	8	1
2412–106	Clamp–R	2	51	1
2412–108	Clamp–Hose	14	2	4
2412–108	Clamp–Hose	7	12	1
2412–108	Clamp–Hose	14	50	1
2412–133	Clamp–R	2	15	2
2414–36	Clamp–Hose	9	3	2
251–259	Bearing–Ball	13	31	1
252–66	Bearing–Thrust	11	36	1
252–71	Race–Bearing	11	35	2
252–95	Bearing	11	15	2
256–27	Bushing	6	23	2
256–115	Washer–Thrust	14	11	2
256–115	Washer–Thrust	14	36	1
256–245	Bushing	6	9	2
256–247	Bushing–Flg	6	13	2
256–320	Bushing	1	19	2
256–321	Bushing	2	38	4
2710–16	Connecting Link Asm	14	8	1
282–2	Clevis	14	33	2
282–4	Clevis	14	11	4
283–1	Pin–Clevis	14	31	2
283–2	Pin–Clevis	10	27	1
283–6	Pin–Clevis	14	9	4
283–62	Pin–Clevis	14	41	1
283–75	Pin–Clevis	14	7	2
283–75	Pin–Clevis	14	17	4
283–78	Clevis Pin	14	23	1
285–17	Plug	8	9	1
302–5	Fitting–Grease	14	1	3
302–5	Fitting–Grease	6	25	3
302–5	Ftg–Grease Str	14	18	1
302–58	Fitting–Grease	14	1	1
302–60	Fitting–Lube	6	16	1
302–60	Fitting–Lube	14	18	1
302–60	Fitting–Lube	14	20	2
321–2	Screw–Cap Hex. Hd.	14	5	4
321–3	Screw–Cap Hex. Hd.	3	64	1
321–5	Screw–HH	14	16	8
321–6	Screw–HH	13	14	2
321–8	Screw–HH	2	31	2
321–11	Screw–HH	2	8	2
321–13	Screw–Cap Hex. Hd.	10	32	3
321–23	Screw–HH	14	4	2
321–43	Screw–HH	14	18	1
322–3	Screw–Cap Hex. Hd.	11	1	2
322–3	Screw–HH	1	31	4
322–4	Screw–HH	14	10	2
322–4	Screw–HH	14	30	1
322–5	Screw–HH	14	55	1
322–6	Screw–Cap Hex. Hd.	13	46	1
322–9	Screw–HH	14	1	1
322–9	Screw–HH	14	14	1
322–9	Screw–HH	13	22	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
322–10	Screw–Cap Hex. Hd.	14	19	2
322–12	Screw HH	14	19	1
322–12	Screw HH	6	19	1
322–17	Screw–HH	14	4	1
322–17	Screw–HH	13	12	1
322–20	Screw–Cap Hex. Hd.	11	29	2
322–23	Screw–Cap Hex. Hd.	3	60	1
322–26	Screw–HH	14	32	1
323–5	Screw–Cap Hex. Hd.	14	23	2
323–5	Screw–HH	9	12	3
323–5	Screw–HH	14	16	3
323–5	Screw–HH	13	40	1
323–6	Screw–HH	7	22	4
323–7	Screw–Cap Hex. Hd.	14	12	2
323–7	Screw–HH	14	3	2
323–7	Screw–HH	14	11	1
323–7	Screw–HH	13	37	2
323–7	Screw–HH	10	39	2
323–9	Screw–HH	10	6	2
323–57	Screw–Cap Hex. Hd.	14	13	2
325–6	Screw–HH	14	17	1
325–11	Screw–HH	14	10	4
325–36	Screw–HH	10	26	1
3210–7	Screw–HH	13	32	2
3212–5	Screw–HH	14	1	1
3217–6	Nut–Hex,	1	21	2
3217–6	Nut–Hex.	14	29	1
3217–6	Nut–Hex.	13	47	1
3217–29	Nut–HH	13	7	2
3219–14	Nut–Hex.	14	3	1
3220–2	Nut–Hex Jam	13	10	2
3220–2	Nut–Hex Jam	14	34	2
3220–3	Nut–HJ	14	11	2
3220–3	Nut–HJ	6	18	2
3220–5	Nut–Hex Jam	6	3	1
3220–6	Nut–Hex.	14	13	1
3220–12	Nut–Hex Jam	14	12	1
3220–20	Nut–Jam	13	24	1
3229–1	Bolt–Carriage	1	6	2
3229–22	Screw–Carriage	2	10	2
3230–1	Bolt–Carriage	2	44	1
3230–1	Screw–Carriage	14	17	2
3230–2	Bolt–Carriage	2	18	2
3230–2	Screw–Carriage	13	6	2
3230–23	Screw–Carriage	9	13	6
3230–23	Screw–Carriage	1	18	2
3230–27	Screw–Carriage	1	4	1
3231–22	Bolt–Carriage	7	32	2
3234–4	Screw–HH	4	6	3
3234–4	Screw–HH	7	8	4
3234–4	Screw–HH	9	18	2
3234–4	Screw–HH Whiz	2	13	3
3234–5	Screw–Cap Hex. Hd.	14	41	2
3234–5	Screw–FLG	14	34	1
3234–5	Screw–Flg	2	1	18
3234–5	Screw–Flg	1	8	13
3234–5	Screw–Flg	14	8	2
3234–5	Screw–Flg	7	25	4
3234–5	Screw–Flg	14	26	3
3234–11	Screw–Flange	2	32	4
3234–17	Screw–Cap Hex. Hd.	1	33	1
3234–17	Screw–HH	7	6	4
3234–24	Screw–HH	14	56	7
3234–25	Bolt–Flange	14	1	6
3234–28	Screw–HH	14	1	2
3234–28	Screw–HH	7	18	8
3234–32	Screw–HH	14	14	2
3234–32	Screw–HH	14	39	1
3245–36	Screw–Set	10	34	1
3249–3	Screw Rd Hd	13	1	2
3250–13	Screw–Pan Hd	4	10	2
3253–3	Washer–Lock	14	6	4
3253–3	Washer–Lock	10	33	3
3253–4	Washer–Lock	14	30	4
3253–4	Washer–Spring Lock	14	9	2
3253–4	Washer–Spring Lock	1	22	6
3253–4	Washer–Spring Lock	14	31	1
3253–4	Washer–Spring Lock	14	33	1
3253–4	Washer–Spring Lock	13	35	3
3253–5	Washer–Lock	14	12	1
3253–6	Wasker–LK	14	2	1
3254–9	Washer–Lock Int Tooth	14	7	2
3254–9	Washer–Lock Int Tooth	13	8	2
3255–2	Washer–Lock Ext Tooth	14	15	1
3255–8	Washer–Lock	14	17	2
3255–17	Washer–Lock	14	51	1
3255–17	Washer–Lock Ext. Tooth	14	29	2
3256–3	Washer–Flat	14	28	4
3256–6	Washer–Flt	14	13	2
3256–6	Washer–Flt	14	38	1
3256–14	Washer–Flat	14	30	2
3256–16	Washer–Flat	14	14	8
3256–22	Washer–Flt	14	3	2
3256–22	Washer–Flt	7	7	2
3256–22	Washer–Flt	2	30	3
3256–23	Washer–FLT	14	11	12
3256–23	Washer–Flat	1	23	6
3256–23	Washer–Flt	14	3	1
3256–23	Washer–Flt	7	5	2
3256–23	Washer–Flt	13	33	3
3256–23	Washer–Flt	2	59	1
3256–24	Washer–Flat	14	11	6
3256–24	Washer–Flat	14	21	4
3256–24	Washer–Flat	13	28	2
3256–26	Washer–Flt	14	28	2
3256–27	Washer–Flt	6	11	2
3256–53	Washer–Flt	13	2	2
3256–53	Washer–Flt	14	6	1
3256–57	Washer–Flt	14	34	1
3257–42	Key	14	23	1
3257–42	Key–Woodruff	14	17	1
3257–42	Key–Woodruff	14	17	1
3257–42	Key–Woodruff	14	17	1
3272–4	Pin–Cotter	14	15	1
3272–6	Pin–Cotter	14	27	5
3272–6	Pin–Cotter	10	28	1
3272–10	Pin–Cotter	14	9	2
3272–10	Pin–Cotter	14	18	4
3272–10	Pin–Cotter	14	42	1
3272–11	Pin–Cotter	14	5	1
3272–11	Pin–Cotter	14	10	5
3274–90	Scr–Hex Sckt	4	11	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3274–99	Screw–Socket Hd.	14	24	8
3290–55	Rivet–Pop	6	7	2
3290–130	Screw–Phillips	14	8	2
3290–379	Tie – Cable	10	45	2
3290–379	Tie–Cable	14	22	1
3290–379	Tie–Cable	2	37	1
3290–412	Rivet–Pop	14	8	1
3290–432	Screw–HH	14	57	1
3290–467	Pin–Cotter, Hair	1	14	1
3296–2	Nut–Lock	4	5	2
3296–6	Nut–Lock	10	30	1
3296–16	Nut–Lock	13	5	2
3296–16	Nut–Lock	14	16	2
3296–22	Nut–Lock	14	10	2
3296–23	Nut–Hex Lock	14	1	8
3296–23	Nut–Hex Lock	10	4	1
3296–23	Nut–Hex Lock	14	7	4
3296–29	Nut–Hex Lock	14	12	1
3296–29	Nut–Hex Lock	7	15	2
3296–29	Nut–Hex Lock	14	19	1
3296–29	Nut–Hex Lock	6	20	1
3296–29	Nut–Hex Lock	13	41	3
3296–29	Nut–Lock	14	45	2
3296–33	Nut–Lock Nylon	6	12	2
3296–39	Nut–Hex Lock	14	5	1
3296–39	Nut–Hex Lock	14	5	2
3296–39	Nut–Hex Lock	10	10	2
3296–39	Nut–Hex Lock	14	17	1
3296–39	Nut–Hex Lock	13	36	2
3296–42	Nut–Hex Lock	14	13	8
3296–42	Nut–Hex Lock	7	17	2
3296–42	Nut–Hex Lock	2	56	2
3296–59	Nut–Lock	14	17	2
3296–59	Nut–Lock	13	27	1
32104–6	Screw–HH	14	2	2
32104–6	Screw–HH	14	12	1
32104–82	Screw–HWH	1	15	5
32104–116	Screw–HFH	7	47	6
32105–1	Screw–HH	14	28	2
32121–6	Pin–Roll	13	19	1
32121–6	Pin–Roll	2	22	1
32121–6	Pin–Roll	14	30	2
32121–10	Pin–Roll	6	2	1
32121–38	Pin–Spring	14	15	1
32122–2	Screw–Round Hd.	14	2	1
32128–20	Nut–Lock Fl Whz	14	2	2
32128–20	Nut–Lock, Fl, Whz	1	3	2
32128–33	Nut–Lock Flange	7	48	2
32128–33	Nut–Lock Flg	1	10	2
32128–33	Nut–Lock Flg	4	22	3
32128–33	Nut–Lock Flg	2	28	6
32128–43	Nut–Flange	14	39	7
32128–43	Nut–Flange Lock	14	14	2
32128–43	Nut–Whiz	14	3	5
32128–43	Nut–Whiz Flg	2	29	4
32128–43	Nut–Whiz Flg	7	31	6
32128–44	Nut–Flange	14	3	3
32128–44	Nut–Flange	14	5	2
32128–44	Nut–Flange	9	5	6
32128–44	Nut–Flange	7	16	6
32128–44	Nut–Flange	14	38	1
32128–44	Nut–Flange Lock	13	44	3
32128–44	Nut–Flange, Lrg	1	12	12
32128–44	Nut–Flange,Lrg .312–18	2	17	11
32128–44	Nut–Lock	14	29	2
32128–48	Nut–Lock	14	38	3
32144–14	Screw–HH	14	13	1
32144–18	Screw–HWH	4	8	2
32148–7	Nut–Clinch	2	3	6
32148–7	Nut–Clinch	1	13	3
32148–8	Nut–Clinch	7	20	3
32148–8	Nut–Clinch	1	26	1
32148–8	Nut–Clinch	2	33	1
32148–14	Nut–Insert	14	47	1
32149–9	Nut–Flg	4	18	2
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32151–29	Ring–Retaining	11	34	2
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32152–10	Nut–Lock	14	10	1
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340–2	Fitting–Hydraulic Straight	14	10	2
340–4	Adaptor	14	33	1
340–4	Fitting–Hydraulic Straight	14	8	4
340–4	Fitting–ORS	14	7	1
340–4	Fitting–ORS	10	13	1
340–5	Ftg–ORS	14	9	2
340–6	Fitting–Hydraulic Straight	14	15	3
340–6	Fitting–ORS	14	3	2
340–17	Elbow ORS	14	11	4
340–70	Nut–Bulkhead	14	31	1
340–74	Nut–Bulkhead	14	32	2
340–77	Fitting	14	10	1
340–77	Fitting–Hyd 90°	14	10	1
340–77	Fitting–Hydraulic 90°	14	35	1
340–86	Ftg–Hyd, Tee	14	2	2
340–92	Fitting–Straight	14	13	2
340–92	Fitting–Straight	14	22	1
340–98	Fitting	14	5	1
340–98	Fitting	10	21	1
340–103	Fitting	14	21	1
340–105	Elbow	10	17	1
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340–109	Fitting–Hydraulic Tee	14	22	1
340–109	Fitting–Tee	14	6	1
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353–987	Fitting–90°	9	22	1
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354–127	Fitting–45°	9	16	1

*Not Illustrated

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Reelmaster 2300D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Reelmaster 2300D, 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 Reelmaster 2300D.
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

Date								

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