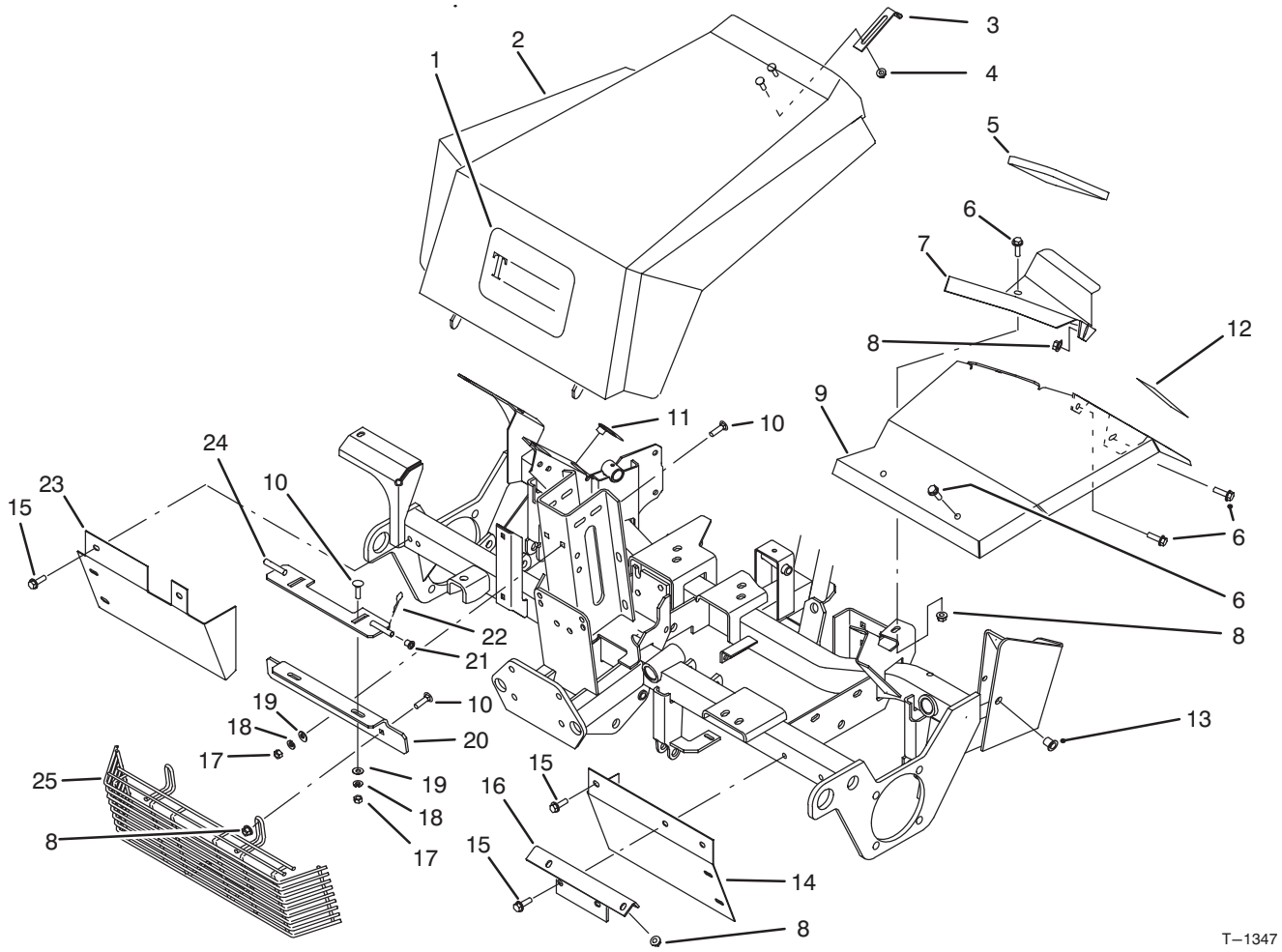
FORM NO. 3317–221

TORO®

MODEL NO. 03420–50001 & UP

PARTS CATALOG

REELMASTER® 216–D 2wd
TRACTION UNIT



HOOD & GRILLE ASSEMBLY

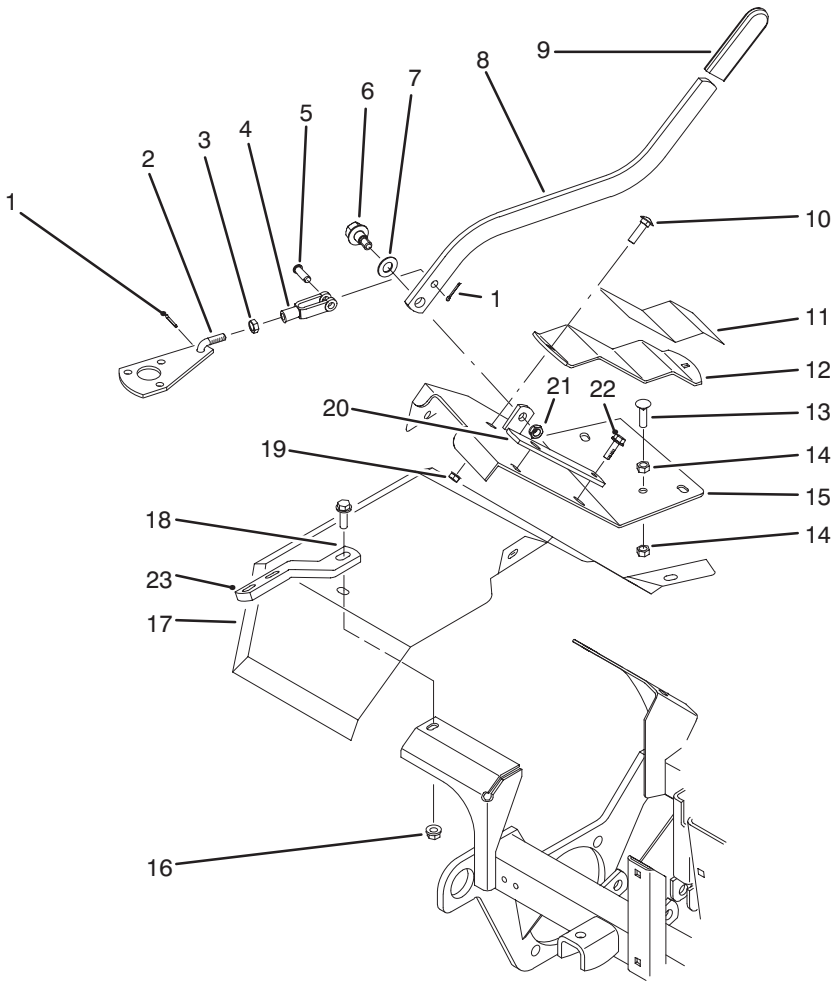
Ref. No.	Part No.	Description	No. Used
1	62–7400	Decal – TORO	1
2	14–5759	Hood	1
3	83–9970	Latch – Hood	1
4	32128–14	Nut – Flange Lock	2
5	83–9840	Pad – Footrest L.H.	1
6	3234–5	Screw – Hex. Washer Hd.	12
7	83–9710	Footrest – L.H.	1
8	32128–44	Nut – Flange Lock	10
9	83–9700	Fender – L.H.	1
10	3230–23	Screw – Carriage	6
11	32148–7	Insert – Threaded	3
‡12	84–1650	Decal – Brake	1
13	32148–8	Insert – Threaded	1

Ref. No.	Part No.	Description	No. Used
14	83–9800	Shield – Grass Front L.H.	1
15	32104–82	Screw – Hex. Washer Hd.	5
16	83–8510	Bracket – Fender L.H.	1
17	3217–6	Nut – Hex.	4
18	3253–4	Washer – Lock	4
19	3256–23	Washer – Flat	4
20	85–4870	Support – Hinge	1
21	256–320	Bushing	2
22	3290–467	Pin – Cotter Hair	2
23	83–8860	Shield – Grass Front R.H.	1
24	85–4890	Hinge – Hood	1
25	83–8850	Grille – Front	1

‡For different language versions of this part, See International Parts Reference.

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TPS

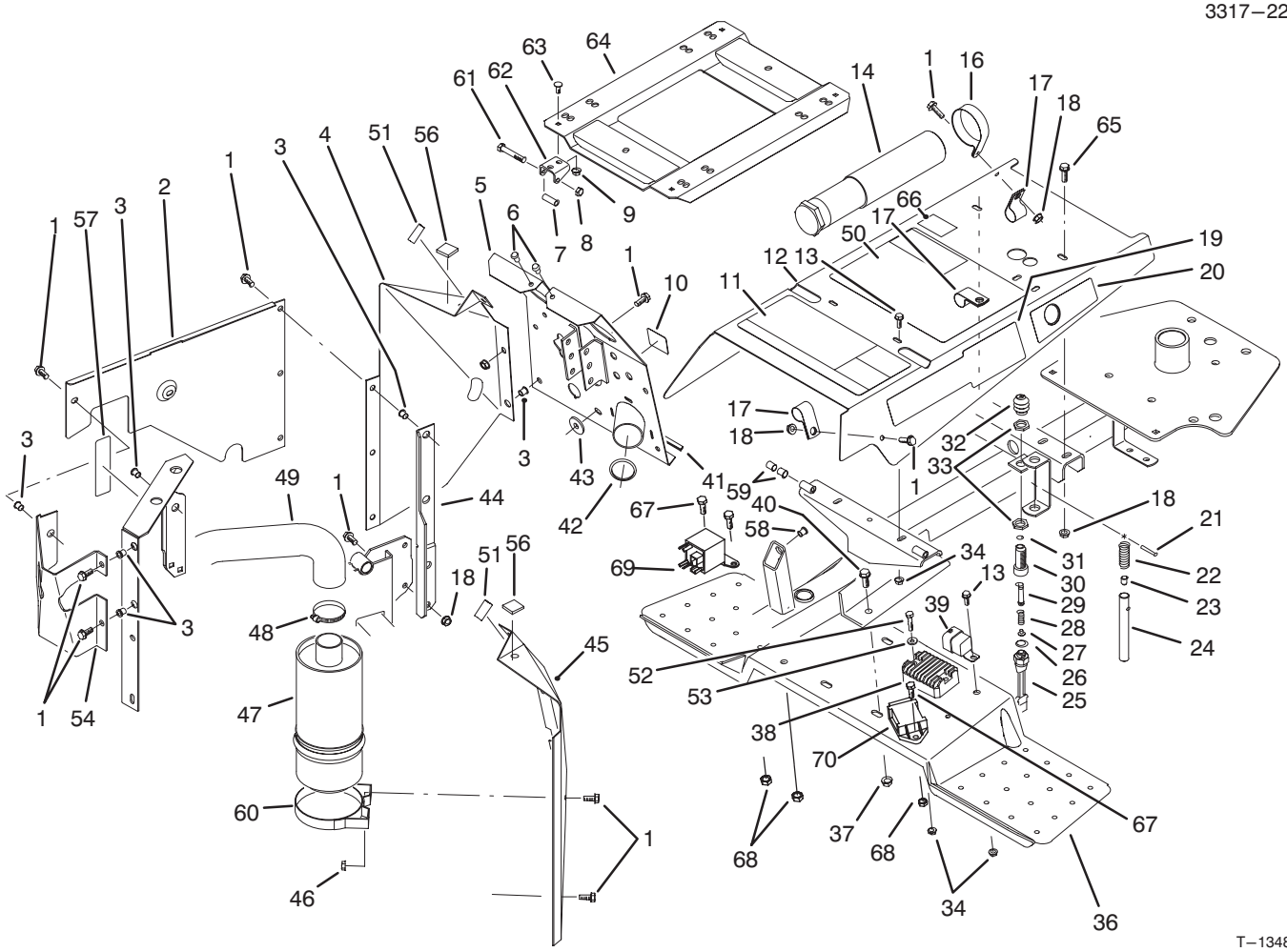


T–1816A

RIGHT FOOTREST & PUMP CLUTCH LEVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3272–6	Pin – Cotter	2
2	92–7921	Rod – Link	1
3	3220–2	Nut – Jam	1
4	282–2	Clevis	1
5	283–1	Pin – Clevis	1
6	67–0870	Bolt – Shoulder	1
7	3290–413	Washer – Belleville	1
8	92–7923	Lever – Pump Clutch	1
9	62–9130	Grip – Handle	1
10	3229–1	Screw – Carriage	2
11	76–2260	Pad – Footrest	1
12	76–2200	Footrest – Traction	1

Ref. No.	Part No.	Description	No. Used
13	3230–27	Screw – Carriage	1
14	32128–20	Nut – Jam	2
15	83–9740	Footrest – RH	1
16	32128–44	Nut – Flange Lock	3
17	83–9720	Fender – RH	1
18	3234–5	Screw – Hex. Flange Hd.	1
19	32128–33	Nut – Flange Lock	2
20	92–7918	Bracket – Lever	1
21	3296–59	Nut – Lock	1
22	3234–17	Screw – Hex. Flange Hd.	2
23	93–0100	Bracket – Exhaust	1

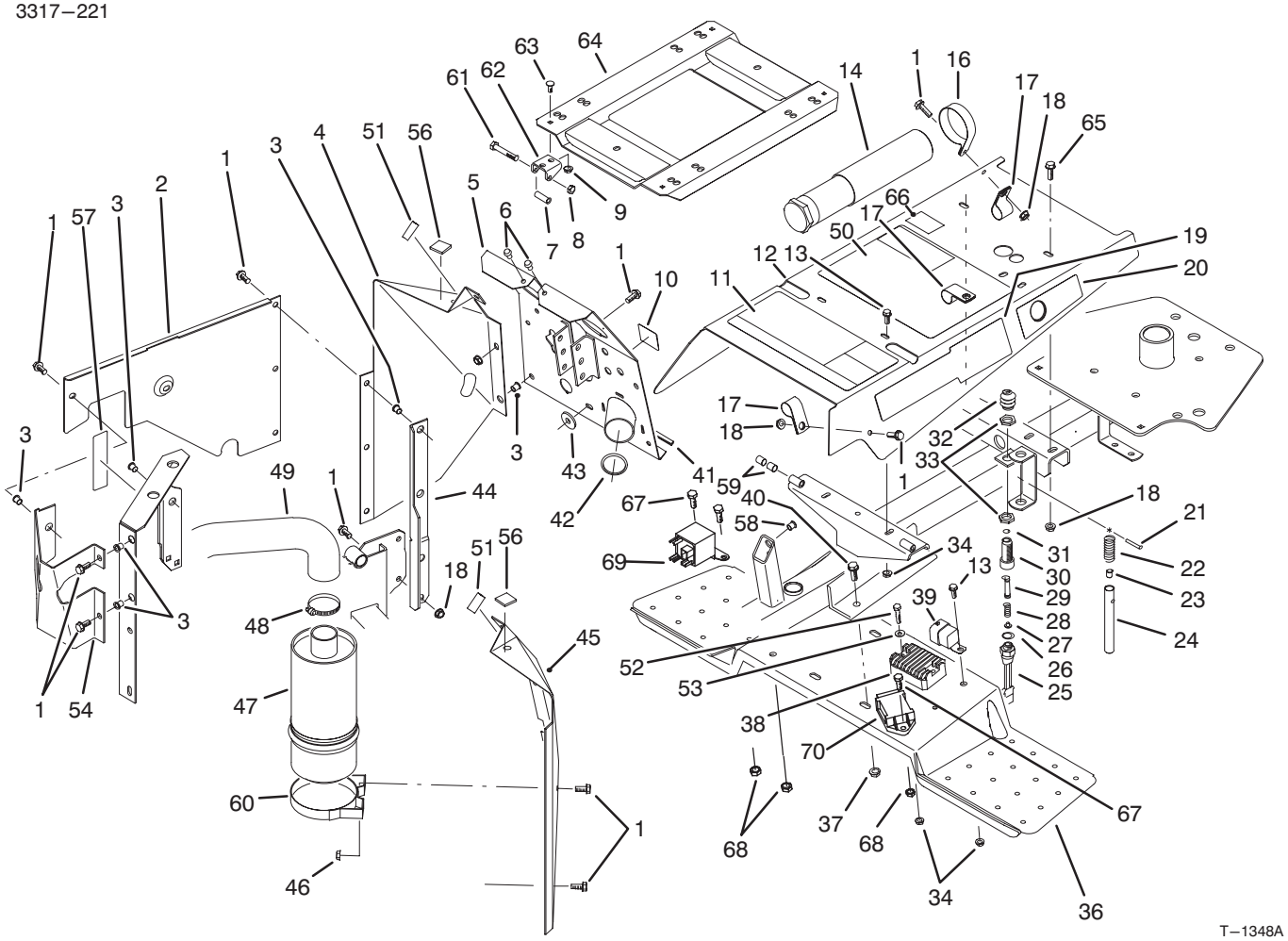


SKIRT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234–5	Screw – Hex. Flange Hd.	24
2	83–8230	Panel – Right Front	1
3	32148–7	Insert – Threaded	8
4	83–8120	Panel – Right Rear	1
5	83–8190	Panel – Control	1
6	237–37	Bumper – Rubber	2
7	85–5340	Tube – Seat Pivot	2
8	3296–42	Nut – Lock	2
9	32128–33	Nut – Flange Lock	2
‡10	83–9150	Decal – Starting Fluid	1
‡11	83–9550	Decal – Warning	1
12	92–3182	Panel – Skirt	1
13	3234–4	Screw – Hex. Flange Hd.	3
14	74–0720	Tube – Manual	1
16	2412–133	Clamp – R	2
17	2412–39	Clamp – R	3
18	32128–44	Nut – Flange Lock	10
19	83–8890	Decal – Reelmaster 216–D	2
21	32121–6	Pin – Roll	1
22	37–9590	Spring – Compression	1
23	28–6180	Pin	1
24	27–9870	Pin – Seat	1
25	72–4320	Switch – Seat	1
26	237–30	Seal – O–Ring	1
27	43–8610	Guide – Spring	1
28	43–8600	Spring – Compression	1

Ref. No.	Part No.	Description	No. Used
29	43–8860	Plunger – Switch	1
30	43–8620	Guide – Pin	1
31	237–7	Seal – O–Ring	1
32	43–8870	Boot – Switch	1
33	218–461	Nut – Hex.	2
34	32128–33	Nut – Flange Lock	5
36	83–9730	Step – Foot	1
37	32128–43	Nut – Flange Lock	4
†38	185516060	Regulator – Voltage	1
39	70–1480	Relay	1
40	3234–11	Screw – Hex. Flange Hd.	4
41	76–6471	Trim – Control Panel Bottom	1
42	237–71	Seal – O–Ring	1
43	62–7170	Spacer	1
44	83–9170	Right Channel Assembly (Incl. Ref. #3)	1
45	83–8110	Panel – Left	1
46	32128–20	Nut – Flange Lock	4
47	85–4910	Air Cleaner Assembly	1
48	2412–92	Clamp – Hose	1
49	83–8550	Hose – Air Cleaner	1
‡50	83–8900	Decal – Service Information	1
51	85–5180	Trim	2
52	321–8	Screw – Cap Hex. Hd.	2
53	3256–22	Washer – Flat	2
54	85–5010	Bracket – Right Front	1

†Obtain from your Local Perkins Dealer
‡For different language versions of this part, see International Parts Reference.

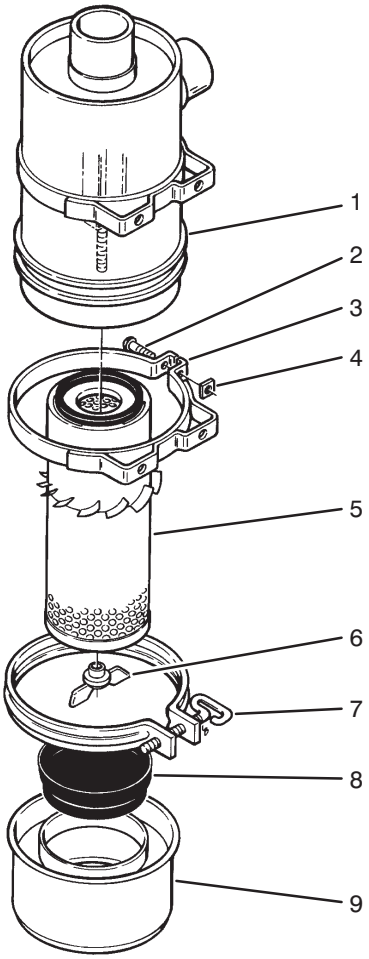


SKIRT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
54	85–5140	Foam – Hood	2
‡57	67–5360	Decal – Danger	1
58	32148–8	Insert – Threaded	1
59	256–321	Bushing – Sleeve	4
60	33–1350	Clamp Assembly	2
61	321–11	Screw – Cap Hex. Hd.	2
62	85–5230	Bracket – Seat Pivot	2
63	3229–22	Bolt – Carriage	2
64	85–5330	Plate – Seat Mounting	1

Ref. No.	Part No.	Description	No. Used
65	3230–2	Bolt – Carriage	2
67	321–4	Screw – Cap Hex. Hd.	3
68	3296–56	Nut – Lock	3
†69	385230120	Relay – Plug, Glow	1
†70	385870612	Controller – Plug, Glow	1
*	3290–379	Tie – Cable	1
*	43–9071	Seat Switch Assembly (Incl. Ref. #25–33)	1

*Not Illustrated
†Obtain from your local Perkins Dealer.

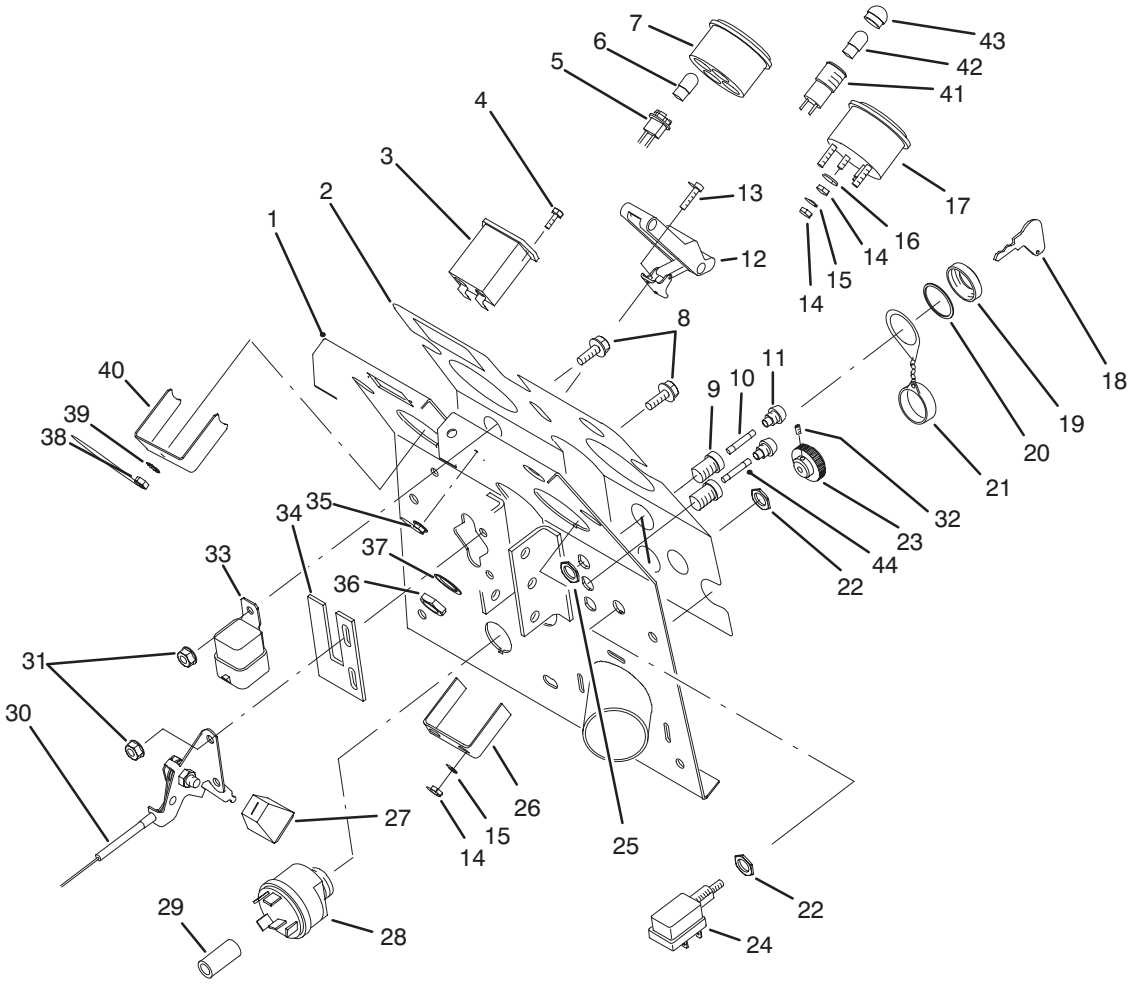


T–1349

AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1		Body	1
2	3258–19	Screw – Round Hd.	2
3	33–1350	Band Assembly (Incl. Ref. #2 & 4)	2
4	32107–11	Nut – Square	2
5	33–1300	Element Assembly	1
6	33–1330	Nut Assembly	1
7	33–1340	Clamp Assembly	1
8	33–1310	Baffle	1
9	33–1320	Cup	1
*	85–4910	Air Cleaner (Complete) (Incl. Ref. #1 & 5–9)	1

*Not Illustrated



T−1350A

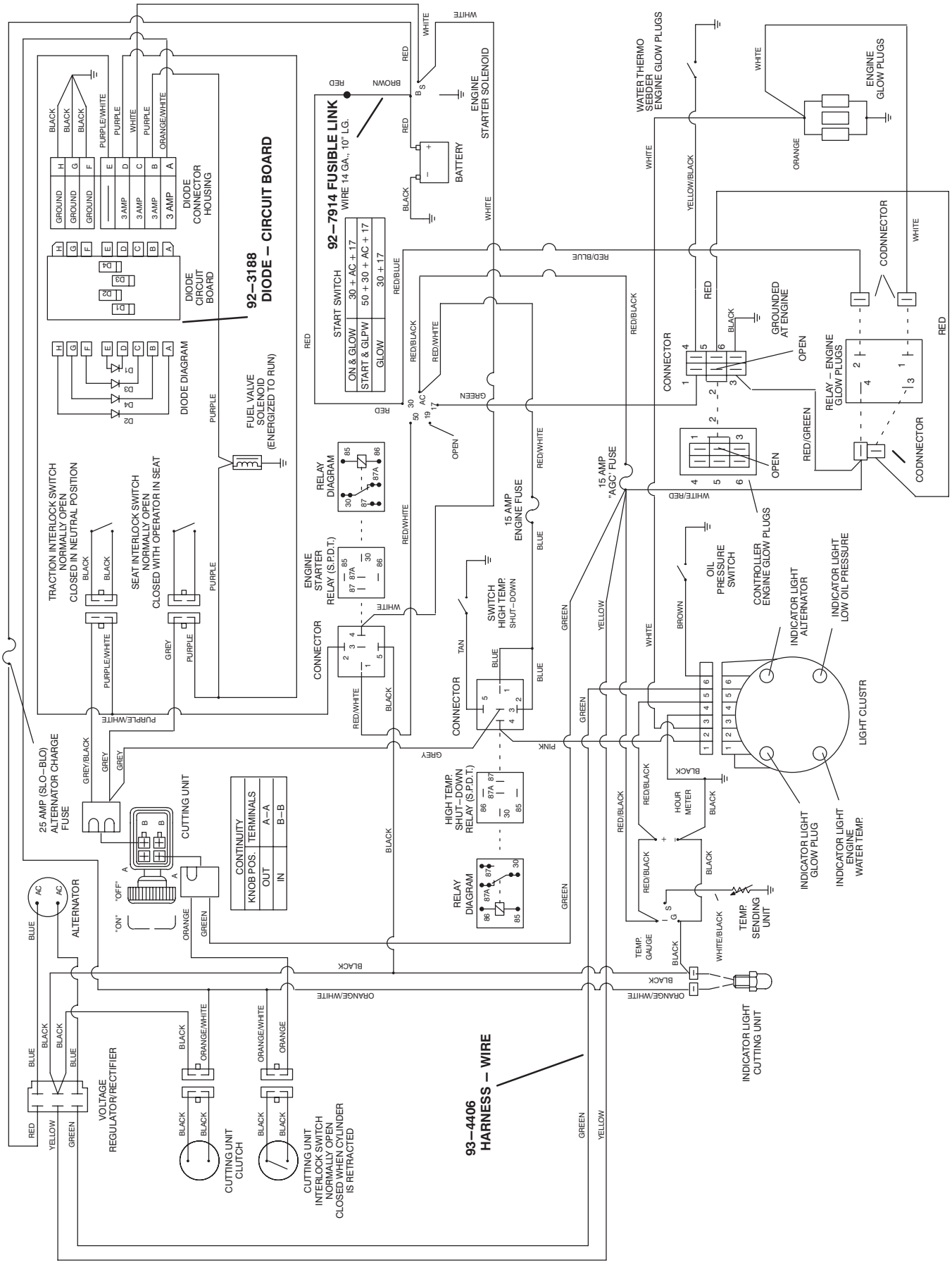
INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−4412	Panel − Instrument	1
2	93−4413	Decal − Instrument Panel	1
3	75−6820	Hourmeter	1
4	32144−18	Screw − Hex. Hd.	2
5	87−6270	Socket − Warning Light	1
6	219−17	Bulb − Light	4
7	92−9775	Warning Light Assembly (Incl. Ref. #5, 6 & 38−40)	1
8	3234−4	Screw − Hex. Washer Hd.	3
9	218−489	Fuse Holder Assembly (Incl. Ref. #11 & 25)	3
10	218−469	Fuse − 15 Amp.	2
11		Cap − Fuse Holder	2
12	80−6980	Latch − Hood	1
13	3274−90	Screw − Hex. Socket Hd.	2
14	3219−14	Nut − Hex.	6
15	3253−2	Washer − Lock	5
16	3256−14	Washer − Flat	2
17	93−4411	Temperature Gauge Assy. (Incl. Ref. #14−16 & 26)	1
18	85−5270	Key − Starter	2
†19		Nut − Retaining	1
†20	390190030	Seal − Switch	1
†21	385800010	Cover − Switch	1
22	3218−19	Nut − Hex.	2
23	92−3195	Knob	1

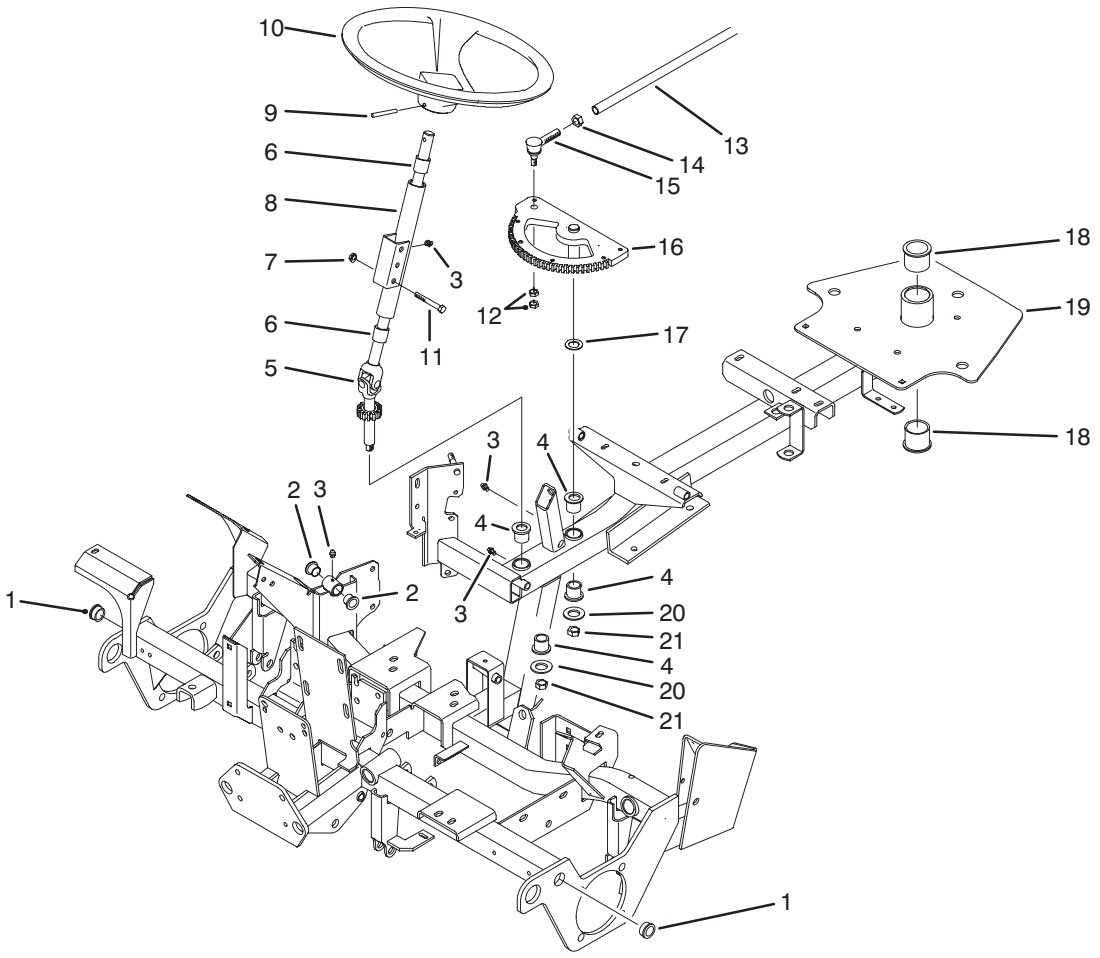
Ref. No.	Part No.	Description	No. Used
24	92−3194	Switch Assembly (Incl. Ref. #22, 23 & 32)	1
25		Nut − Hex.	2
26		Clamp − Gauge	1
27		Knob − Throttle	1
†28	385201160	Starter Switch Assembly (Incl. Ref. #18 & 19)	1
29	80−7345	Hose	1
30	92−3153	Throttle Assembly (Incl. Ref. #27)	1
31	32128−33	Nut − Flange Lock	3
32	3298−8	Screw − Set	1
33	70−1480	Relay	1
34	85−5000	Plate − Throttle	1
35	32149−9	Nut − Flange Lock	2
36		Nut − Hex.	1
37		Washer − Flat	1
38	3217−26	Nut − Hex.	1
39	3254−11	Washer − Lock ETLW	1
40		Clamp − Mounting	1
41	44−2212	Light Assembly (Incl. Ref. #36−37 & 42−43)	1
42	219−18	Bulb − Light	1
43	218−562	Lens − Light	1
44	93−4410	Fuse − 25 Amp (Slo−Blo)	1

†Obtain from your local Perkins Dealer.

ELECTRICAL SCHEMATIC



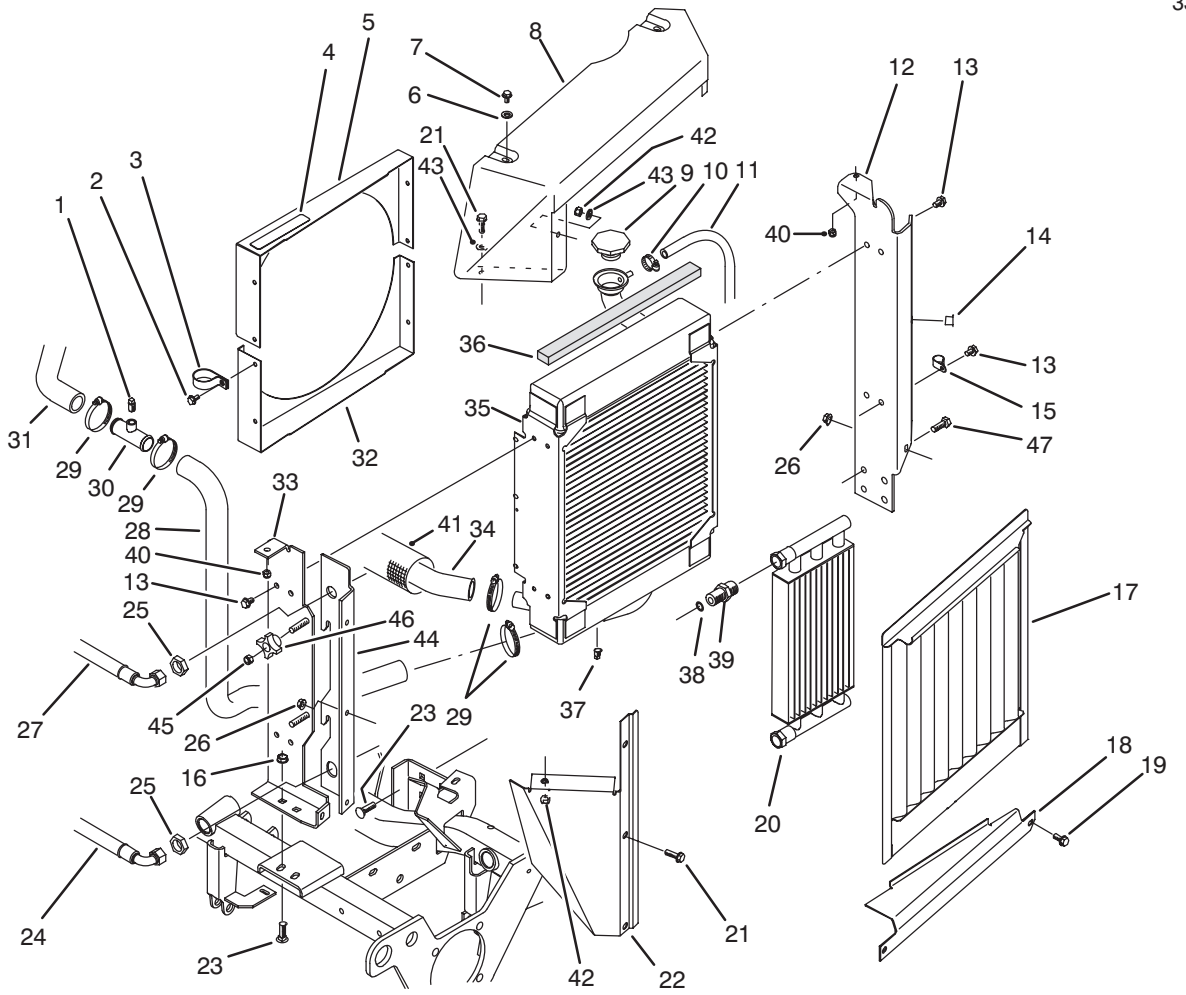
T–1967



FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	256–247	Bushing – Flange	2
2	75–2160	Bushing – Flange	2
3	302–5	Fitting – Grease	4
4	92–3162	Bushing – Flange	4
5	92–3165	Steering Shaft & Gear	1
6	256–27	Bushing – Sleeve	2
7	3296–29	Nut – Flange Lock	1
8	61–2090	Steering Column Assembly (Incl. Ref. #6)	1
9	32121–10	Pin – Roll	1
10	76–1420	Wheel – Steering	1
11	322–12	Screw – Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
12	3220–3	Nut – Jam	2
13	61–2070	Rod – Steering	1
14	3220–5	Nut – Jam	1
15	21–0150	Rod End Assembly (Incl. Ref. #12)	1
16	92–3172	Gear – Steering	1
17	3–6498	Washer – Thrust	A/R
18	256–245	Bushing – Flange	2
19	92–2373	Frame	1
21	3256–26	Washer – Flat	2
22	3296–28	Nut – Lock	2

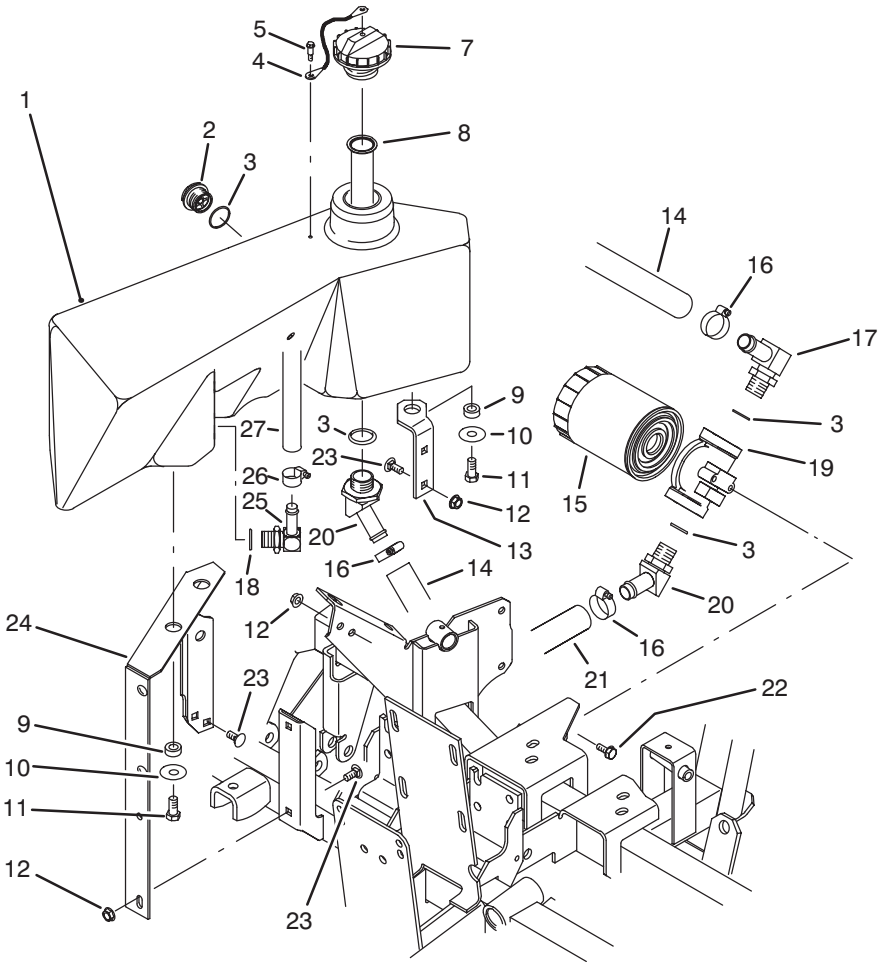


RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	281–7	Plug – Pipe	1
2	32104–116	Screw – Hex. Washer Hd.	8
3	2412–74	Clamp – R	1
‡4	77–3100	Decal – Warning	1
5	16–1149	Top Shroud Assembly (Incl. Ref. #4)	1
6	3256–22	Washer – Flat	2
7	3234–4	Screw – Cap Hex. Hd.	2
8	83–8040	Cover – Left	1
9	66–3240	Cap – Radiator	1
10	2412–108	Clamp – Hose	1
11	71–3382	Hose – Overflow	1
12	83–7980	Bracket – Radiator Rear	1
13	3234–28	Screw – Hex. Washer Hd.	8
14	32148–8	Insert – Threaded	3
15	2412–41	Clamp – R	1
16	32128–43	Nut – Flange Lock	6
17	83–8150	Screen – Radiator	1
18	83–8070	Bracket – Radiator Bottom	1
19	3234–5	Screw – Hex. Washer Hd.	2
20	24–0760	Cooler – Oil	1
21	3234–17	Screw – Hex. Washer Hd.	4
22	83–8210	Panel – Front Left	1
23	3231–22	Bolt – Carriage	2
24	92–1583	Hose – Hydraulic	1

Ref. No.	Part No.	Description	No. Used
25	340–127	Nut – Bulkhead	2
26	32128–44	Nut – Flange Lock	4
27	92–1177	Hose – Hydraulic	1
28	83–9060	Hose – Radiator	1
29	2412–34	Clamp – Hose	5
30	83–9080	Connector – Bleed	1
31	83–9070	Hose – Radiator	1
32	83–7850	Shroud – Fan Bottom	1
33	88–6720	Bracket – Radiator Front	1
34	83–9050	Hose – Radiator	1
35	83–7550	Radiator Assembly (Incl. Ref. #37)	1
36	83–9030	Foam – Top	1
37	281–1	Plug – Pipe	2
38	237–30	Seal – O–Ring	2
39	83–7970	Fitting – Hydraulic Bulkhead (Incl. Ref. #38)	2
40	3296–42	Nut – Lock	2
41	85–5170	Sleeve	1
42	3296–29	Nut – Lock	2
43	3256–23	Washer – Flat	2
44	88–6730	Bracket – Screen Front	1
45	32153–3	Nut – Lock	2
46	92–2368	Knob – Clamp	2
47	323–6	Screw – Cap Hex. Hd.	4

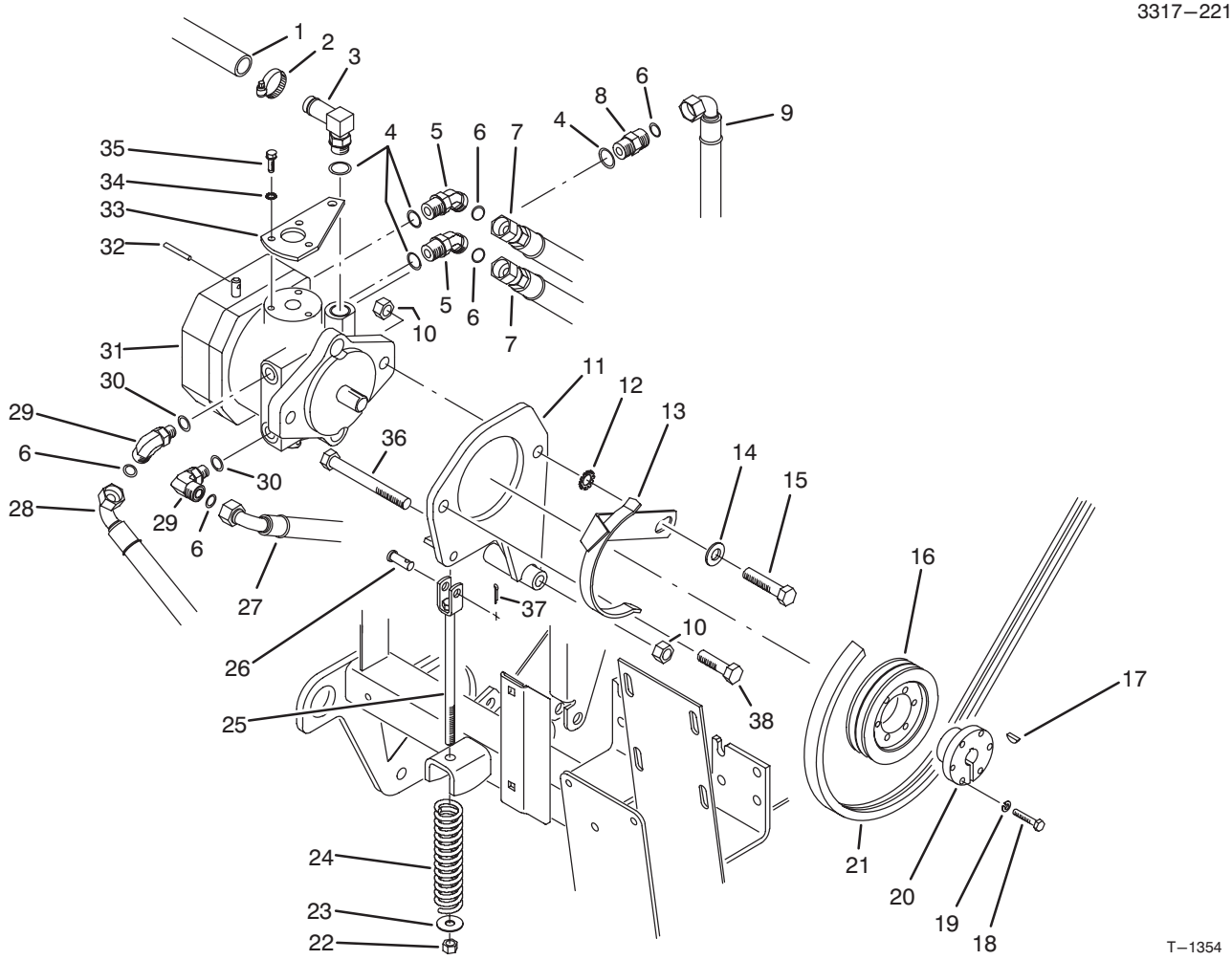
‡For different language versions of this part, see International Parts Reference.



HYDRAULIC RESERVOIR & FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83–7720	Reservoir – Hydraulic	1
2	69–1170	Glass – Sight (Incl. Ref. #3)	1
3	237–81	Seal – O–Ring	4
4	75–0540	Retainer	1
5	57–5420	Screw – Shoulder	1
7	93–3103	Cap – Hydraulic Reservoir (Incl Ref. #4 & 6)	1
8	61–2790	Screen – Filler	1
9	240–11	Grommet	3
10	63–8410	Washer – Flat	3
11	323–5	Screw – Cap Hex. Hd.	3
12	32128–44	Nut – Hex. Flange Hd.	6
13	83–9920	Bracket – Reservoir	1
14	83–9651	Hose – Hydraulic	1
15	54–0110	Element – Oil Filter	1

Ref. No.	Part No.	Description	No. Used
16	3212–34	Clamp – Hose	3
17	353–987	Fitting– Hydraulic 90° (Incl. Ref. #3)	1
18	237–79	Seal – O–Ring	1
19	68–8990	Head – Oil Filter	1
20	354–127	Fitting – Hydraulic 45° (Incl. Ref. #3)	2
21	83–9650	Hose – Hydraulic	1
22	3234–4	Screw – Hex. Washer Hd.	2
23	3230–23	Screw – Carriage	6
24	83–7780	Bracket – Support	1
25	354–120	Fitting – Hydraulic 90° (Incl. Ref. #18)	1
26	2412–36	Clamp – Hose	1
27	92–1178	Hose – Hydraulic	1

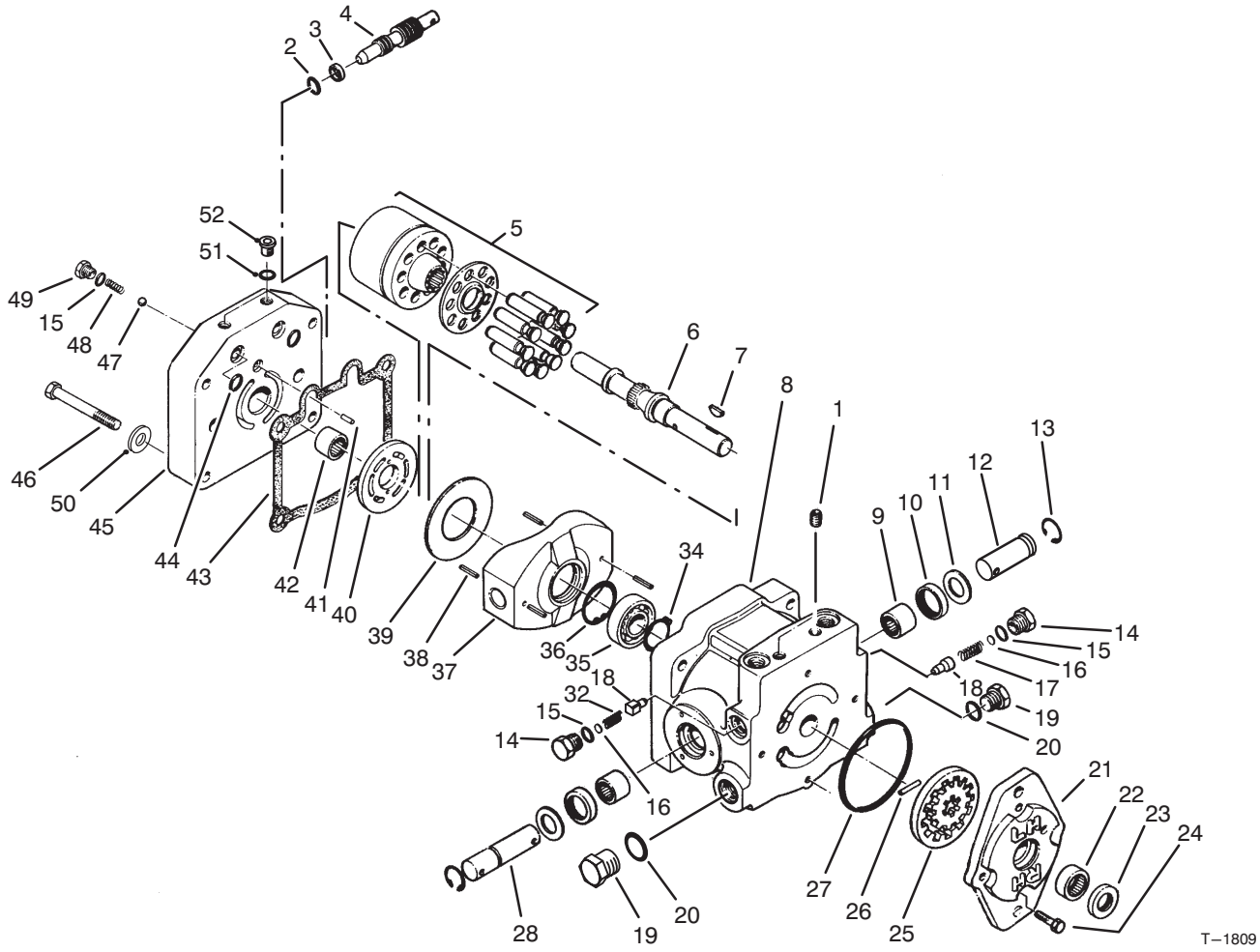


HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83–9650	Hose – Hydraulic	1
2	2412–34	Clamp – Hose	1
3	354–128	Fitting – Hydraulic 90° (Incl. Ref. #4)	1
4	237–79	Seal – O–Ring	4
5	340–101	Fitting – Hydraulic 45° (Incl. Ref. #4 & 6)	2
6	237–30	Seal – O–Ring	5
7	83–9600	Hose – Hydraulic	2
8	340–4	Fitting – Hydraulic Straight (Incl. Ref. #4 & 6)	1
9	92–1178	Hose – Hydraulic	1
10	3296–23	Nut – Lock	3
11	83–8320	Mount – Pump	1
12	3255–2	Washer – Lock ETLW	1
13	92–7924	Retainer – Belt	1
14	3256–26	Washer – Flat	1
15	325–9	Screw – Cap Hex. Hd.	1
16	61–3330	Pulley	1
17	3257–32	Key – Woodruff	1
18	321–13	Screw – Cap Hex. Hd.	3
19	3253–3	Washer – Lock	3
20	59–2150	Taper Lock Bushing Assy. (Incl. Ref. #18 & 19)	1
21	92–3186	Belt – Pump Drive	1
22	3296–6	Nut – Lock	1
23	52–2861	Washer – Flat	1
24	3–6692	Spring – Compression	1
25	92–7917	Clevis	1
26	283–2	Pin – Clevis	1
27	83–9640	Hose – Hydraulic	1
28	92–1583	Hose – Hydraulic	1
29	340–99	Fitting – Hydraulic 90° (Incl. Ref. #6 & 30)	2
30	237–42	Seal – O–Ring	2
31	92–9023	Hydraulic Pump Assembly (Incl. Ref. #17)	1
32	32121–34	Pin – Dowel	1
33	92–7922	Plate – Pump Pivot	1
34	3255–7	Washer – Lock ETLW	3
35	49–2040	Screw – Hex. Flange Hd.	3
36	325–18	Screw – Cap Hex. Hd.	1
37	3272–6	Pin – Cotter	1
38	325–8	Screw – Cap Hex. Hd.	1
*	3290–378	Tie – Cable	1

*Not Illustrated

3317–221

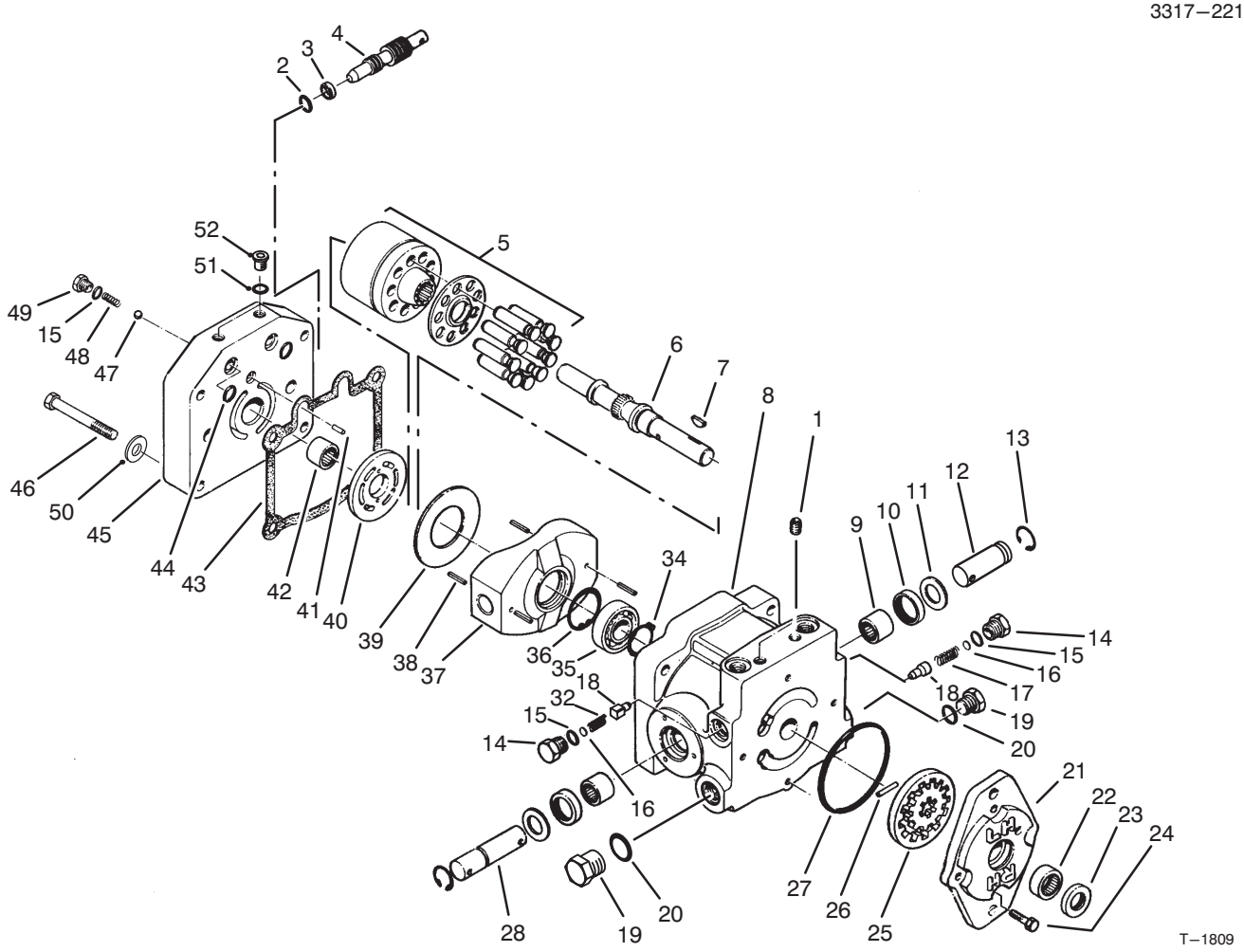


HYDRAULIC PUMP ASSEMBLY NO. 92–9023

Ref. No.	Part No.	Description	No. Used
1	285–17	Plug – Pipe	6
2	237–22	O–Ring	1
3	25–2630	Ring	1
4	88–8220	Valve – By–Pass	1
5	48–1800	Cylinder Block Kit	1
6	67–8020	Shaft – Pump	1
7	3257–32	Key – Woodruff	1
8	92–9023	Hydraulic Pump Assembly (Complete)	1
9	252–82	Bearing – Needle	2
10	25–3210	Seal – Lip	2
11	25–2510	Washer	2
12	49–8480	Shaft – Trunion	1
13	32151–46	Ring – Retaining	2
14	25–2460	Plug	2
15	237–86	O–Ring	4
16	25–2470	Kit – Shim Pack	2
17	25–2570	Spring – Relief Valve	1
18	83–7260	Cone – Relief Valve	2
19	67–8030	Plug Assembly (Incl. Ref. #20)	2
20	67–8040	O–Ring	2
21	92–7940	Housing – Charge Pump	1
22	67–8050	Bearing – Needle	1
23	67–8060	Seal – Lip	1

Ref. No.	Part No.	Description	No. Used
24	322–4	Screw – Cap Hex. Hd.	4
25	25–2680	Gerotor Assembly	1
26	25–2530	Pin – Straight	1
27	237–95	O–Ring	1
28	28–3670	Shaft – Trunion	1
32	25–2480	Spring – Charge Relief	1
34	32120–15	Ring – Retaining	1
35	251–8	Bearing – Ball	1
36	32120–11	Ring – Retaining	1
37	25–2450	Swash/Plate	1
38	32121–91	Pin – Coiled Spring	3
39	25–2380	Plate – Thrust	1
40	25–2390	Plate – Valve	1
41	25–2430	Pin – Straight	1
42	46–8400	Bearing – Needle	1
43	25–2400	Gasket	1
44	62–4290	O–Ring	2
45		Cap – Pump End	1
46	323–11	Screw – Cap Hex. Hd.	4
47	25–2490	Ball – Check Valve	2
48	25–2640	Spring – Check Valve	2
49	25–2650	Plug – Check Valve	2
50	3256–24	Washer	1
51	92–8777	Seal – O–Ring	2

*Not Illustrated

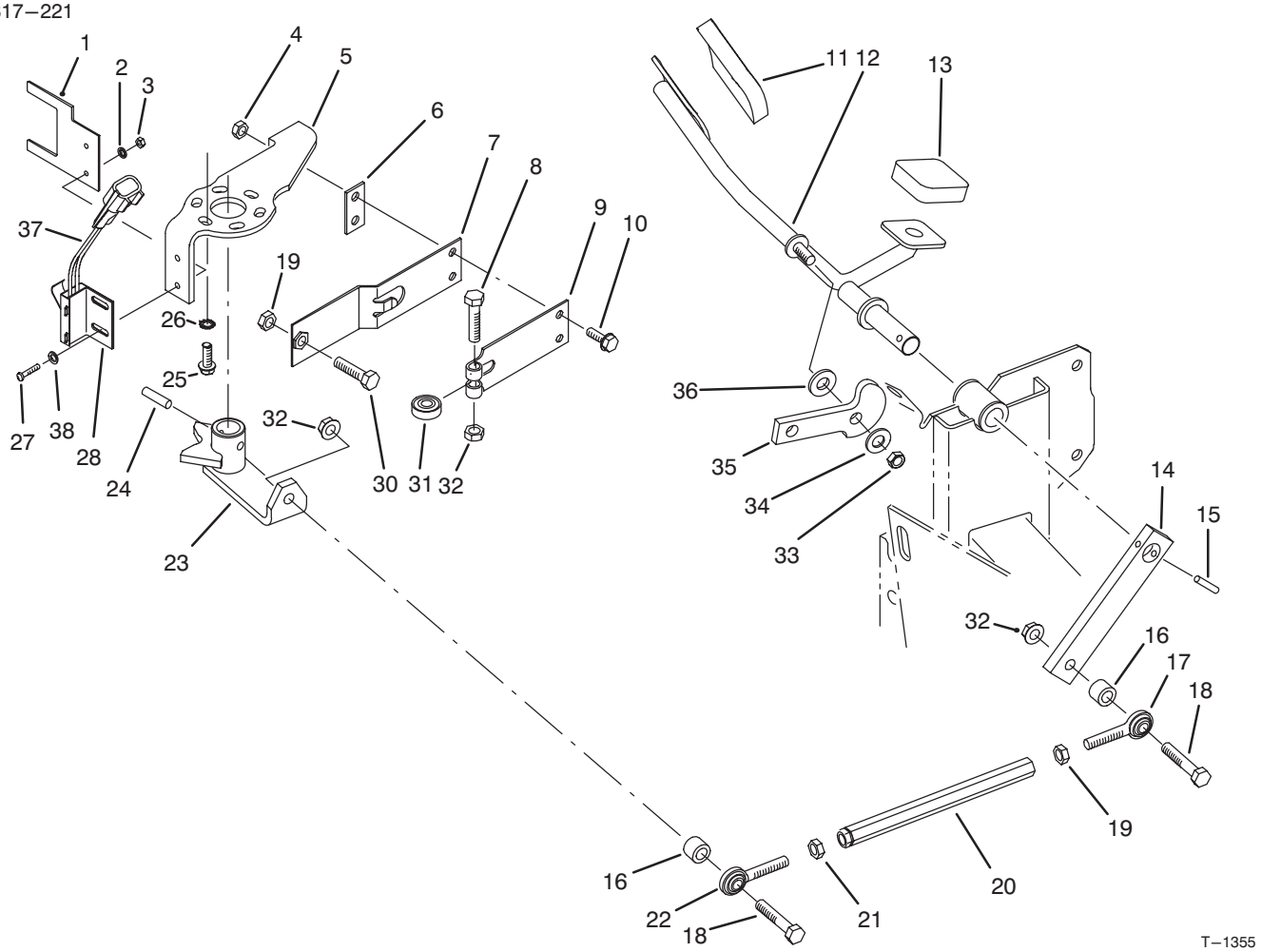


HYDRAULIC PUMP ASSEMBLY NO. 92–9023 (Continued)

Ref. No.	Part No.	Description	No. Used
52	92–8776	Plug Assembly (Incl. Ref. #51)	2
*	49–8510	Kit – Charge Relief (Incl. Ref. #14–16, 18 & 32)	1
*	25–3180	Kit – Check Valve (Incl. Ref. #15, 47–49)	1
*	49–8520	Kit – Implement Relief (Incl. Ref. #14–18)	1

*Not Illustrated

3317–221

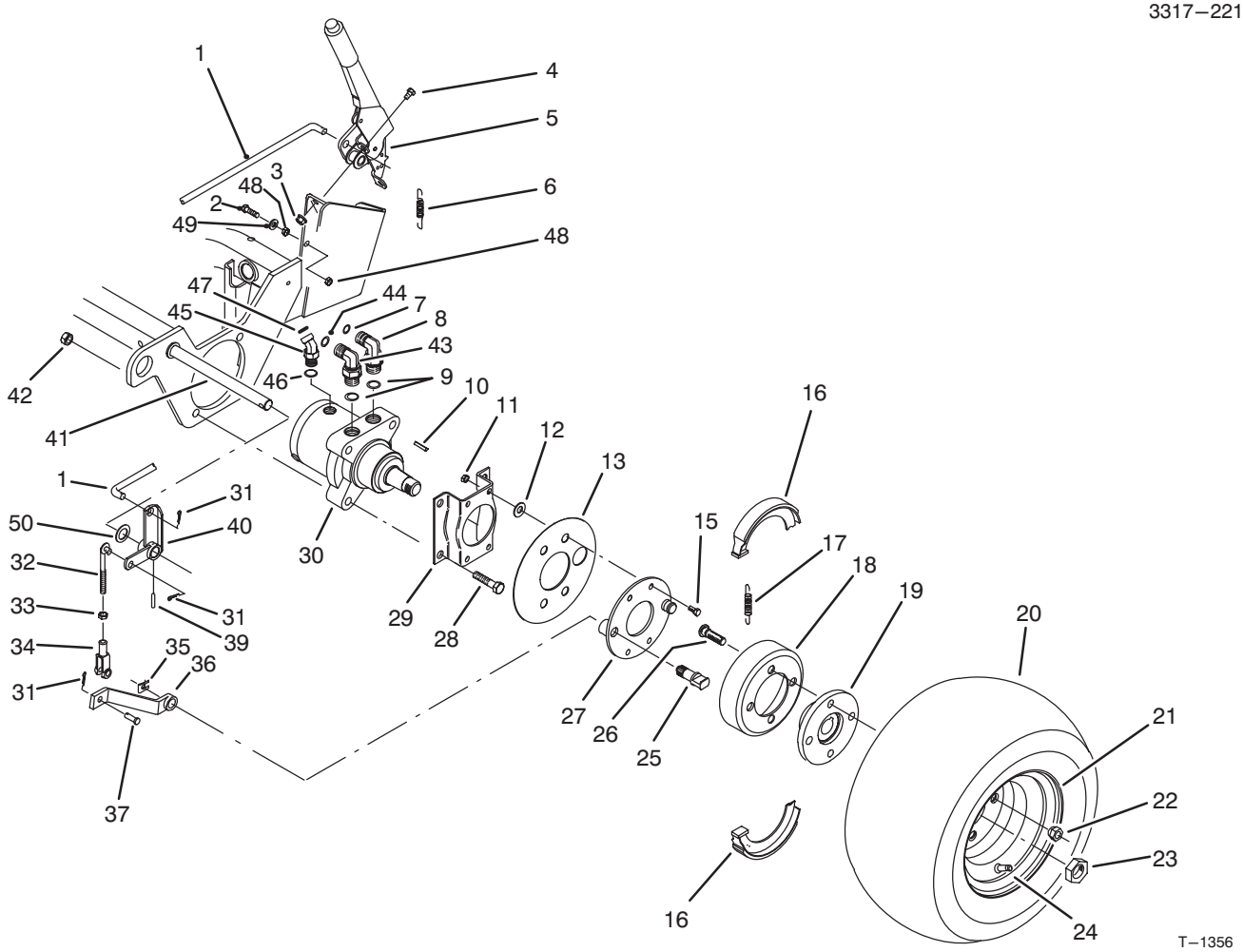


TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46–8810	Stop – Spring	1
2	3254–9	Washer – ITLW	2
3	3217–29	Nut – Lock	2
4	3296–16	Nut – Lock	2
5	29–6120	Plate – Pump	1
6	51–3150	Shim – Spring	1
7	29–6170	Spring – Extended Leaf	1
8	322–17	Screw – Cap Hex. Hd.	1
9	29–6150	Spring – Leaf	1
10	321–6	Screw – Cap Hex. Hd.	2
11	74–9100	Pad – Forward	1
12	83–8270	Pedal – Traction	1
13	74–9110	Pad – Reverse	1
14	61–2610	Arm – Traction	1
15	32121–6	Pin – Roll	1
16	61–2370	Spacer	2
17	2411–52	End – Rod	1
18	322–9	Screw – Cap Hex. Hd.	2
19	3220–2	Nut – Jam	2
20	83–8760	Rod – Control	1

Ref. No.	Part No.	Description	No. Used
21	3220–20	Nut – Jam	1
22	2411–53	End – Rod	1
23	83–8770	Lever – Pump	1
24	32121–24	Pin – Roll	1
25	49–2040	Screw – Hex. Flange Hd.	3
26	3255–7	Washer – ETLW	3
27	3249–3	Screw – Round Hd.	2
28	92–7905	Switch Assembly (Incl. Ref. #37)	1
30	3210–7	Screw – Cap Hex. Hd.	1
31	251–259	Bearing – Ball	1
32	3296–29	Nut – Lock	3
33	3296–59	Nut – Lock	1
34	3256–24	Washer – Flat	1
35	74–6110	Cam – Stop	1
36	66–2920	Spacer	1
37	92–7906	Switch	1
38	3256–53	Washer – Flat	2
*	3290–378	Tie – Cable	1

*Not Illustrated



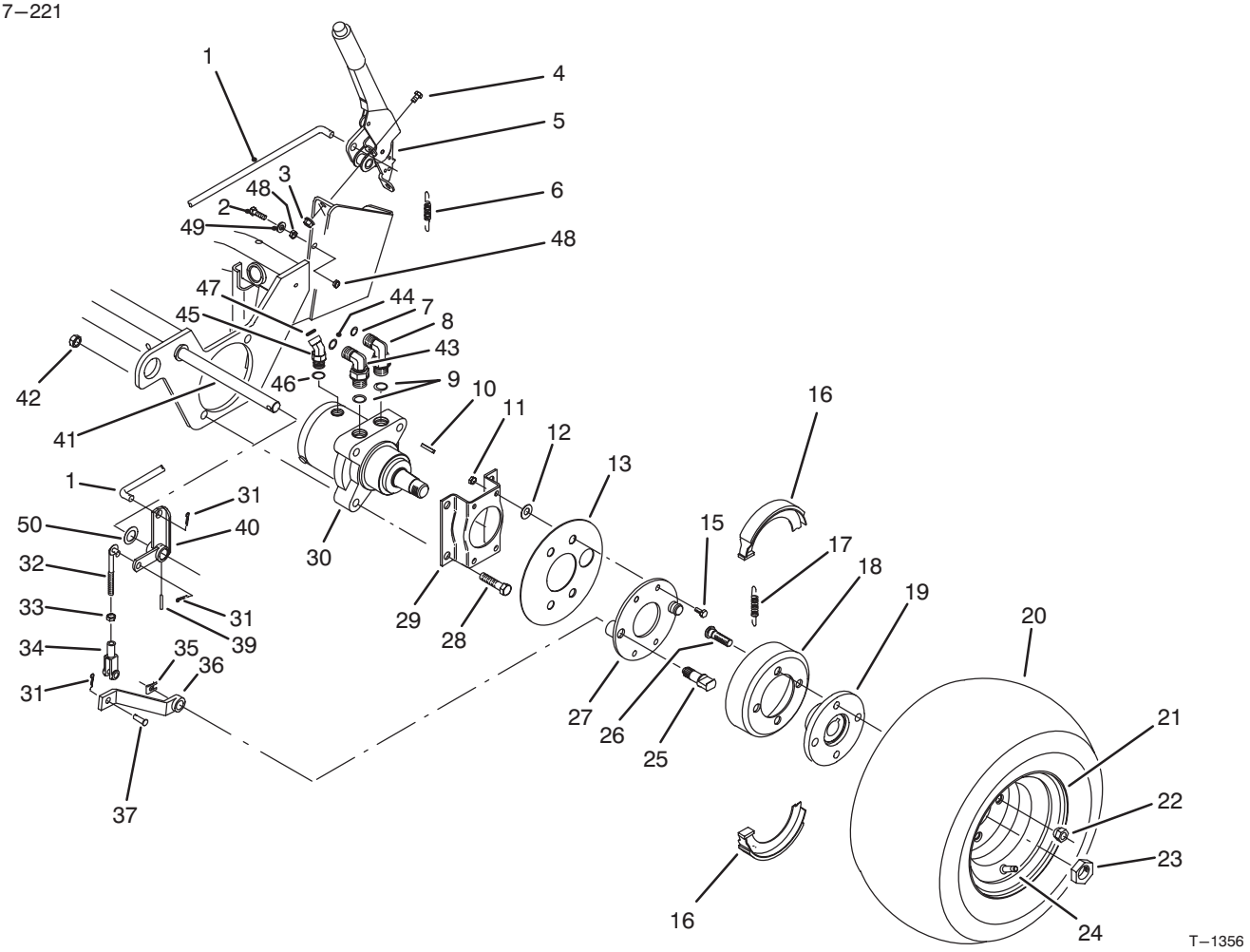
FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83–9350	Rod – Parking Brake	1
2	322–17	Screw – Cap Hex. Hd.	1
3	32128–44	Nut – Lock	2
4	3234–5	Screw – Hex. Washer Hd.	2
5	61–3990	Parking Brake Assembly	1
6	5–7290	Spring – Extension	1
7	237–30	Seal – O–Ring	2
8	340–105	Fitting – Hydraulic 90° (Incl. Ref. 7 & 9)	2
9	237–80	Seal – O–Ring	4
10	3257–15	Key – Square	2
11	3296–42	Nut – Lock	8
12	3256–16	Washer – Flat	8
13	83–9340	Shield – Grass	2
15	321–5	Screw – Cap Hex. Hd.	8
16	70–9840	Shoe – Brake	4
17	70–9880	Spring – Extension	4
18	10–6821	Brake Drum Assembly (Incl. Ref. #19 & 26)	2
19	10–6870	Hub – Wheel	2
20	231–127	Tire	2
21	217–60	Rim	2
22	242–50	Nut – Lug	8
23	26–3790	Nut – Lock	2

Ref. No.	Part No.	Description	No. Used
24	232–27	Valve – Stem	2
25	70–9860	Pin – Pivot Brake	2
26	85–6540	Stud – Drive	8
27	70–9870	Plate – Brake	2
28	325–11	Screw – Cap Hex. Hd.	8
29	84–2000	Bracket – Brake	2
30	66–5291	Hydraulic Motor Assembly (Incl. Ref. #10)	2
31	3272–6	Pin – Cotter	5
32	84–1990	Rod – Adjusting	2
33	3220–2	Nut – Jam	2
34	282–2	Clevis	2
35	70–9850	Clip – Retaining	2
36	83–9250	Lever – Brake	2
37	283–1	Pin – Clevis	2
39	32121–6	Pin – Roll	2
40	83–9270	Pivot – Brake L.H.	1
*	83–9310	Pivot – Brake R.H.	1
41	83–9330	Shaft – Brake	1
42	3296–23	Nut – Lock	8
43	340–17	Fitting – Hydraulic 90° (Incl. Ref. #9 & 44)	2
44	237–65	Seal – O–Ring	2

*Not Illustrated

3317–221

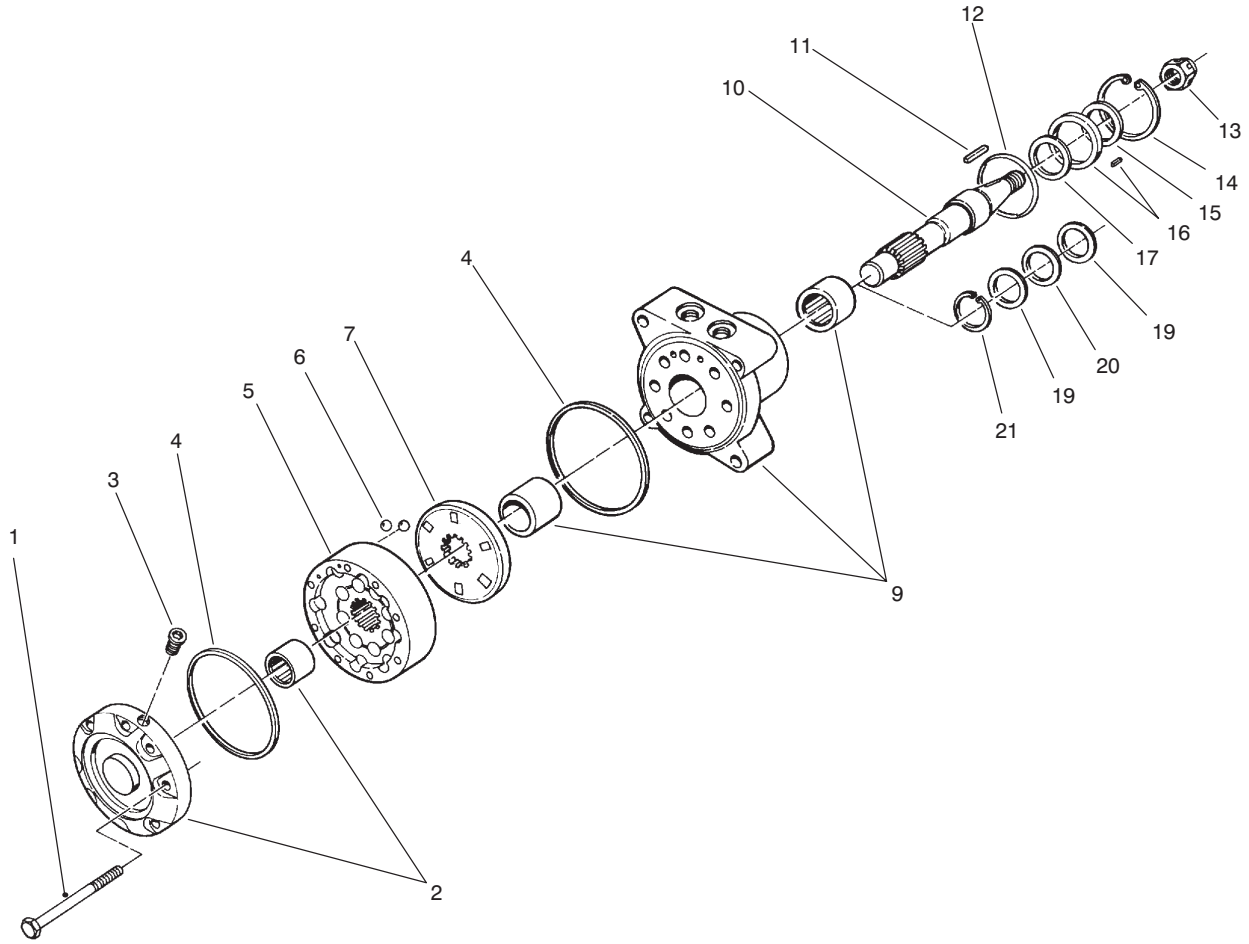


FRONT WHEEL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	340–103	Fitting – Hydraulic 45° (Incl. Ref. #46 & 47) (For Left Wheel Motor)	1
*	340–140	Fitting – Hydraulic Tee (Incl. Ref. #46 & 47) (For Right Wheel Motor)	1
46	237–78	Seal – O–Ring	2

Ref. No.	Part No.	Description	No. Used
47	237–21	Seal – O–Ring	3
48	32128–20	Nut – Lock	2
49	3256–23	Washer	1
50	3–6498	Washer	2
*	71–1500	Brake Assembly (Incl. Ref. #16, 17, 25, 27 & 35)	2

*Not Illustrated



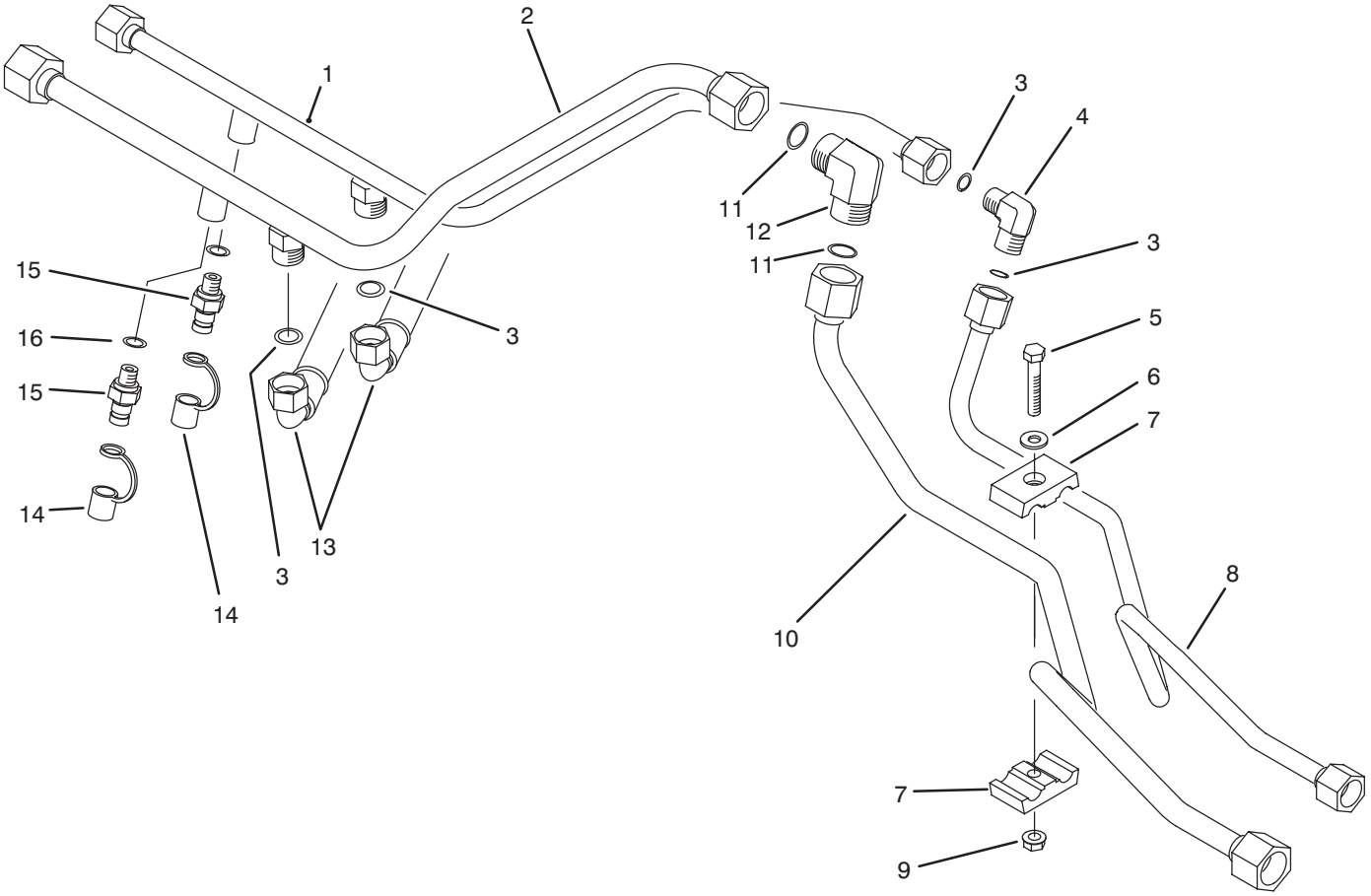
T–0274

HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 66–5291

Ref. No.	Part No.	Description	No. Used
1	65–4580	Screw – Cap Hex Hd.	8
2	65–4680	Cover & Bearing Assembly	1
3	65–4560	Plug – Hex (Hollow)	1
4	65–4570	Seal – Square Ring	2
5	66–6110	IGR Assembly	1
6	65–4550	Valve – Check Ball	2
7	70–8150	Plate – Valve	1
9	65–4670	Body & Bearing Assembly	1
10	92–1157	Shaft	1
11	3257–15	Key – Square	1
12	65–4620	Seal – O–Ring	1

Ref. No.	Part No.	Description	No. Used
14	65–4500	Seal – Snap Ring	1
†15		Seal–Dust	1
†16		Retainer/Pin	1
†17		Seal–Lip	1
*	76–2350	Seal/Retainer Assembly (Incl. Ref. #15–17)	1
19	65–4600	Washer – Thrust	2
20	65–4610	Bearing – Thrust	1
21	65–4590	Ring – Snap	1
*	76–2360	Body Seal Kit (Incl. Ref. #4,12 & 15–17)	1

*Not Illustrated
†Not available from Toro as a replacement part.

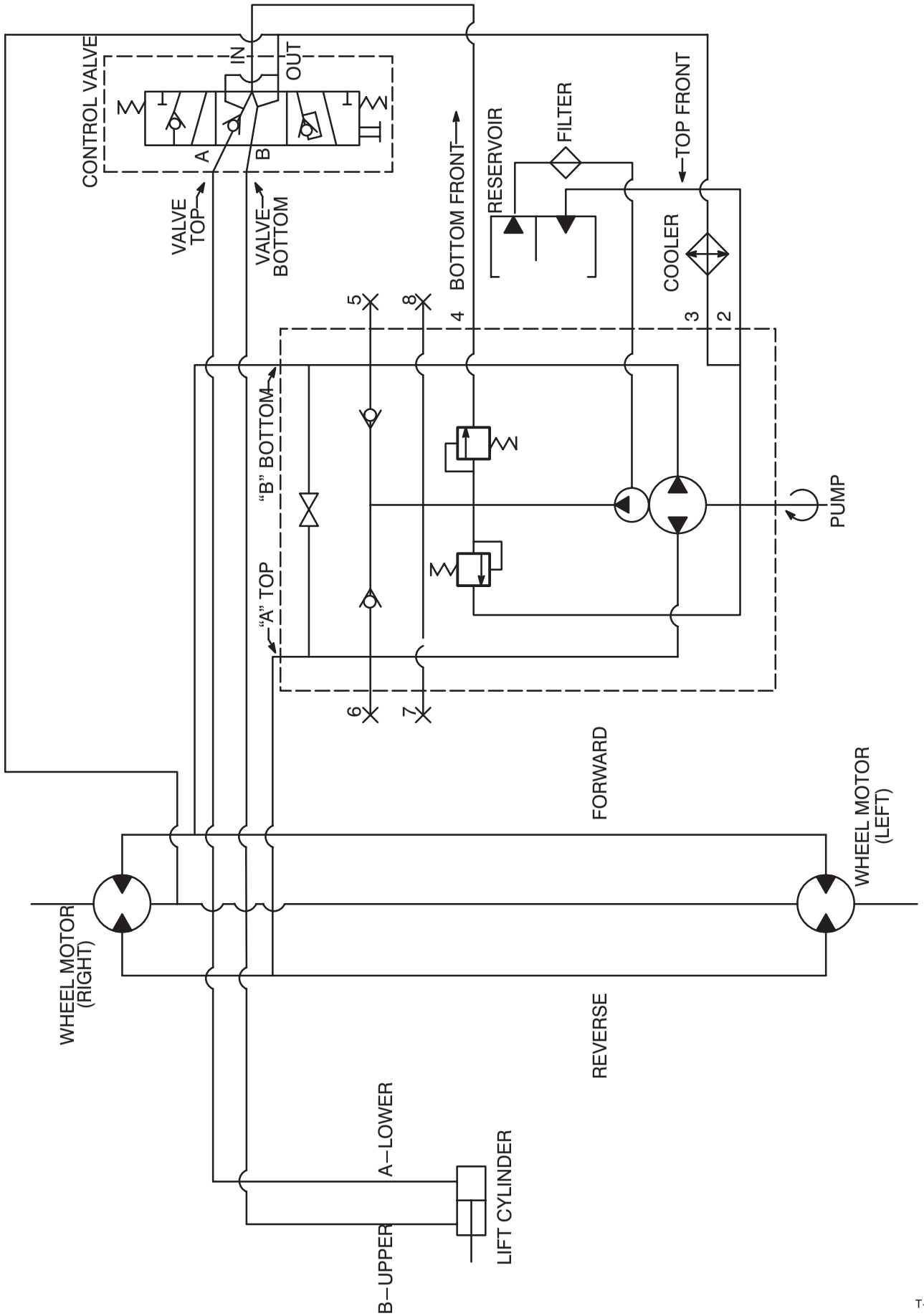


DRIVE MOTOR PLUMBING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83–9470	Hydraulic Tube Assembly (Incl. Ref. #3)	1
2	83–9440	Hydraulic Tube Assembly (Incl. Ref. #3)	1
3	237–30	Seal – O–Ring	4
4	340–163	Fitting – Hydraulic 90° (Incl. Ref. #3)	1
5	322–9	Screw – Cap Hex. Hd.	1
6	3256–3	Washer – Flat	1
7	56–7977	Clamp – Hydraulic Tube	2
8	83–9480	Tube – Hydraulic	1

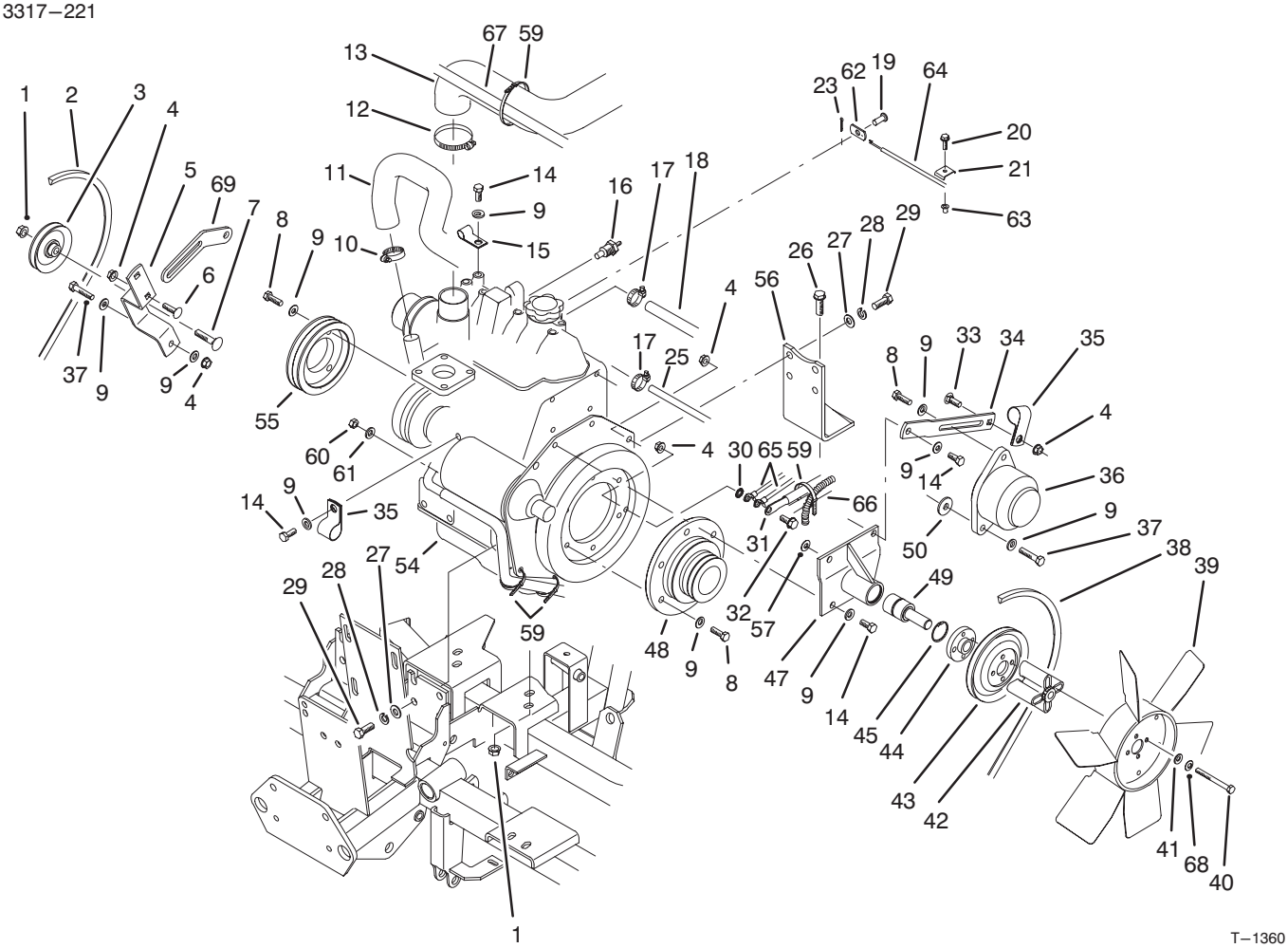
Ref. No.	Part No.	Description	No. Used
9	3296–29	Nut – Lock	1
10	83–9450	Tube – Hydraulic	1
11	237–65	Seal – O–Ring	2
12	340–162	Fitting – Hydraulic 90° (Incl. Ref. #11)	1
13	83–9600	Hose – Hydraulic	2
14	354–79	Cap – Test Port	2
15	354–77	Hydraulic Test Port Fitting (Incl. Ref. #16)	2
16	237–78	Seal – O–Ring	2

HYDRAULIC SCHEMATIC



T–1410

3317–221

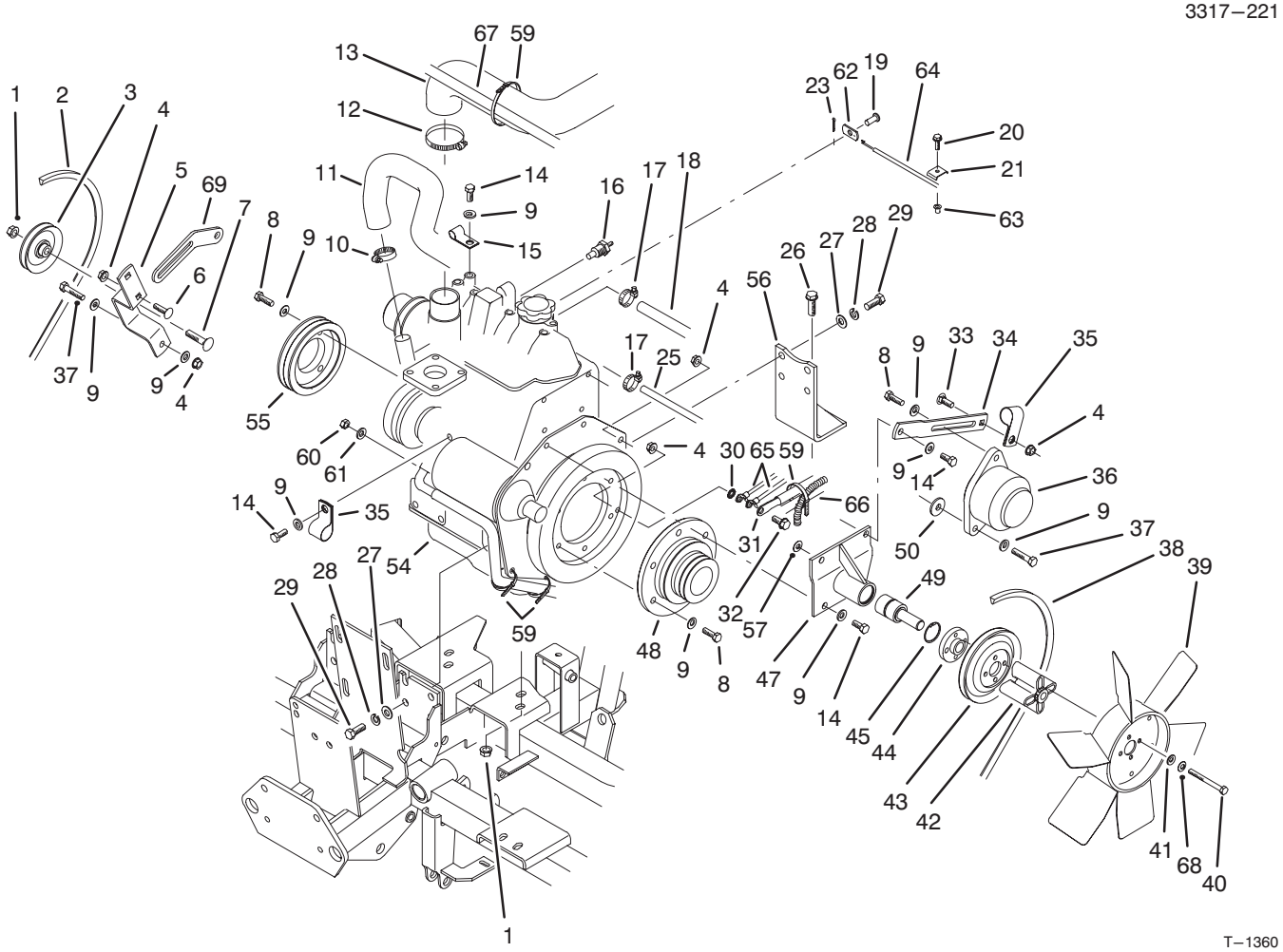


ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32128–43	Nut – Flange Lock	5
2	37–9090	Belt – V	1
3	63–8140	Pulley – Idler	1
4	32128–44	Nut – Flange Lock	5
5	83–7690	Bracket – Idler	1
6	3230–22	Screw – Carriage	1
7	3231–26	Screw – Carriage	1
8	48–9460	Screw – Cap Hex. Hd.	14
9	3256–23	Washer – Flat	23
10	2412–34	Clamp – Hose	1
11	83–9070	Hose – Coolant	1
12	2412–92	Clamp – Hose	1
13	83–8550	Hose – Air Intake	1
14	48–7700	Screw – Cap Hex. Hd.	6
15	2412–93	Clamp – R	1
16	82–3110	Sensor – Temp	1
17	2412–108	Clamp – Hose	2
18	63–7620	Hose – Fuel	1
19	283–62	Pin – Clevis	1
20	3290–432	Screw – Hex. Hd.	1
21	81–1690	Clamp – Throttle Cable	1
23	3272–10	Pin – Cotter	1
25	75–4703	Hose – Fuel	1
26	3234–24	Screw – Hex. Flange Hd.	4
27	3256–24	Washer – Flat	16
28	48–9590	Washer – Lock	16

Ref. No.	Part No.	Description	No. Used
29	48–7780	Screw – Cap Hex. Hd.	16
30	3255–8	Washer – Lock E.T.L.W.	1
31	83–9210	Cable – Ground	1
32	3234–5	Screw – Hex. Washer Hd.	1
33	3230–1	Screw – Carriage	1
34	83–7700	Bracket – Alternator	1
35	2412–39	Clamp – R	2
†36	185046210	Alternator	1
37	322–7	Screw – Cap Hex. Hd.	2
38	83–9020	Belt – V	1
†39	145306380	Fan	1
40	321–23	Screw – Cap Hex. Hd.	4
41	48–8010	Washer – Flat	4
42	92–3181	Spacer – Fan	1
43	83–7630	Pulley – Fan	1
44	83–7610	Hub – Fan	1
45	32120–10	Ring – Retaining	1
47	83–9880	Bracket – Fan Spindle	1
48	92–3198	Pulley – Engine	1
49	36–7290	Spindle – Fan	1
50	62–9510	Washer – Flat	1
54		Engine Assembly	1
55	83–7590	Pulley – Engine	1
56	83–8470	Bracket – Engine Mount	2
57	65–8270	Washer	1
59	3290–379	Tie – Cable	4

†Obtain from your local Perkins Dealer.



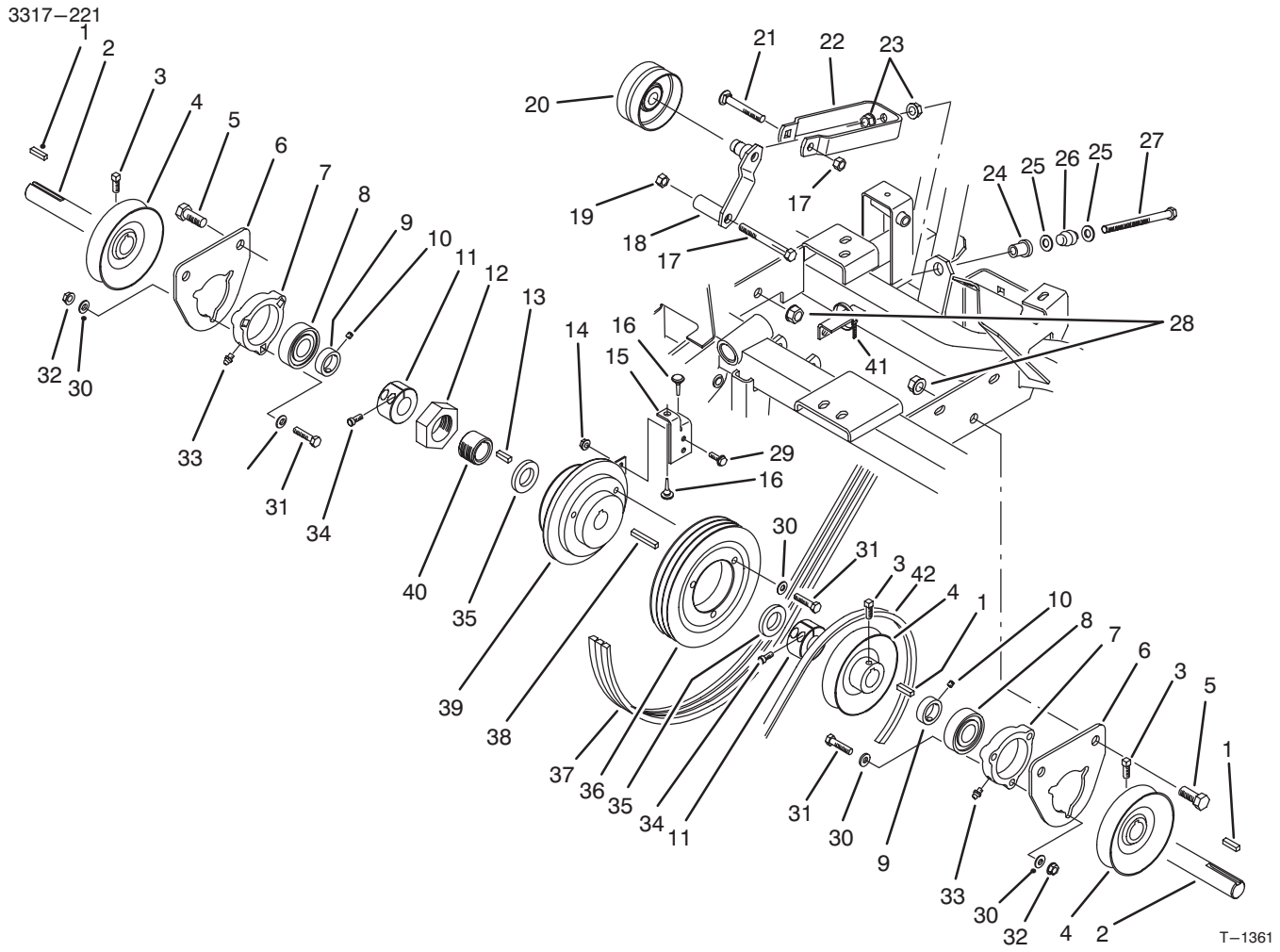
T–1360

ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
60	57–6390	Nut	1
61	42–9850	Washer	1
62	92–3154	Tab – Throttle	1
63	32148–14	Insert – Threaded	1
64	92–3153	Cable – Throttle	1

Ref. No.	Part No.	Description	No. Used
65	93–4406	Harness – Wire	1
66	83–9220	Cable – Battery Pos.	1
67	92–1177	Hose – Hydraulic	1
68	3253–3	Washer – Lock	4
†69	185726431	Strap – Adjustment	1

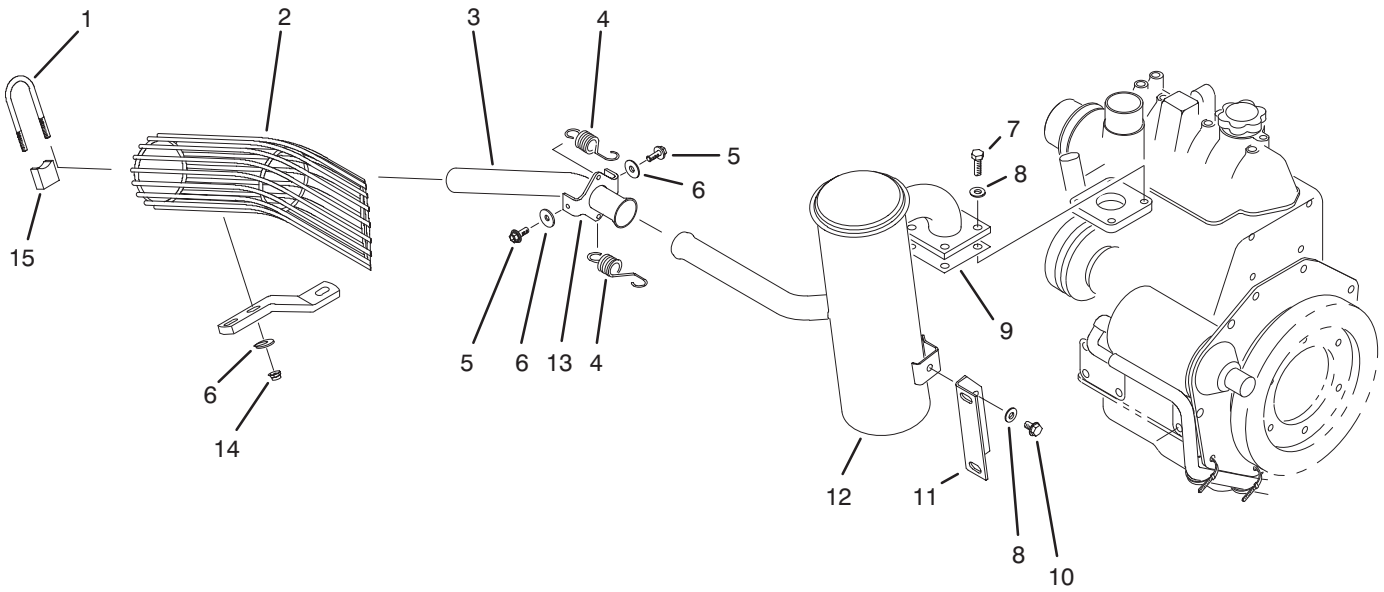
†Obtain from your local Perkins Dealer.



REEL DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5–7280	Key – Square	3
2	83–7820	Shaft – Drive	1
3	3242–4	Screw – Square Hd. Set	6
4	61–0140	Pulley – Reel	3
5	3234–32	Screw – Cap Hex. Hd.	4
6	92–3185	Support – Bearing	2
7	76–2460	Bearing Assembly (Incl. Ref. #7–10 & 33)	2
8	251–337	Bearing – Ball	2
9	251–77	Collar – Locking	2
10	3245–35	Screw – Set	4
11	83–7790	Collar	2
12	3218–17	Nut – Jam	1
13	10–7070	Key – Square	1
14	32128–33	Nut – Flange Lock	2
15	83–7830	Retainer – Clutch	1
16	240–13	Bumper	2
17	3296–39	Nut – Lock	2
18	83–8620	Bracket – Idler	1
19	323–15	Screw – Cap Hex. Hd.	1
20	83–8400	Pulley – Idler	1
21	3231–31	Bolt – Carriage	1

Ref. No.	Part No.	Description	No. Used
22	83–8630	Yoke – Belt Tension	1
23	32128–43	Nut – Flange Lock	2
24	83–9810	Bushing – Flange	1
25	3256–24	Washer – Flat	2
26	83–9690	Spring – Compression	1
27	83–9680	Screw – Cap Hex. Hd.	1
28	3296–23	Nut – Flange Lock	4
29	3234–4	Screw – Hex. Flange Hd.	2
30	3256–23	Washer – Flat	15
31	322–17	Screw – Cap Hex. Hd.	9
32	3296–29	Nut – Flange Lock	6
33	302–5	Fitting – Grease	2
34	3273–18	Screw – Hex. Socket Hd.	4
35	83–7810	Spacer	2
36	92–3199	Pulley – Clutch	1
37	92–3187	Belt – Drive (Set of 3)	1
38	83–8080	Key – Square	1
39	83–9140	Clutch Assembly	1
40	83–7800	Sleeve	1
41	3290–379	Tie – Cable	1
42	61–3380	Belt – Reel Drive	3



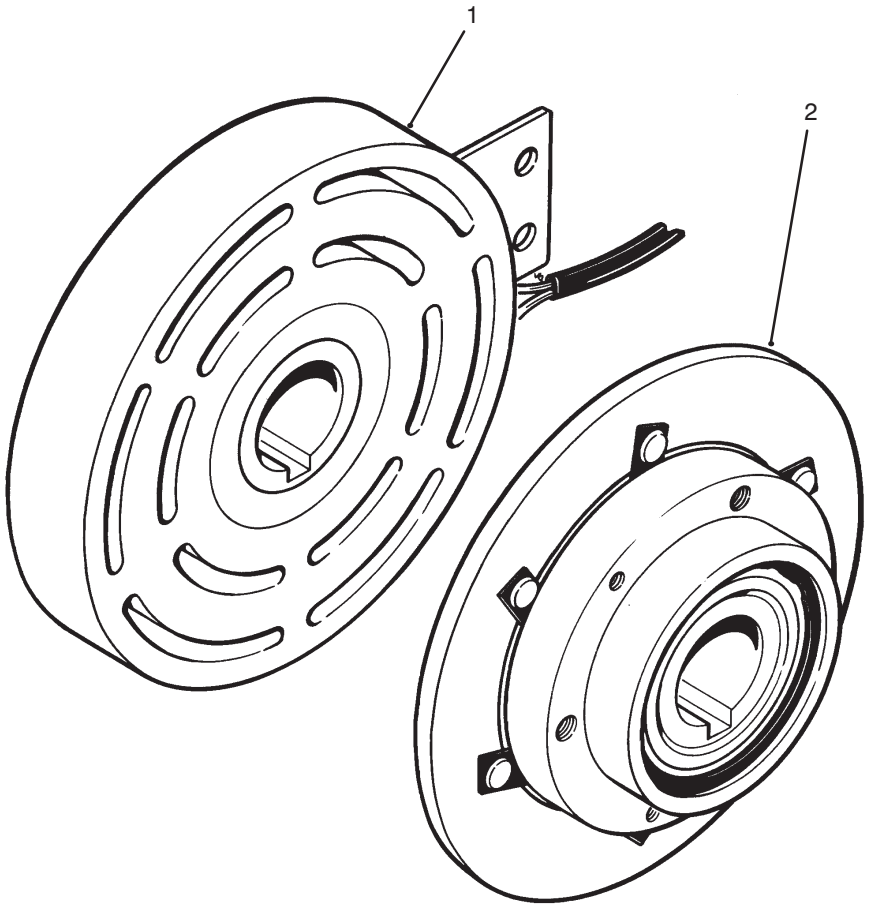
T–1931

EXHAUST SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–9798	Bolt – U	1
2	93–0152	Guard – Exhaust Pipe	1
3	92–9799	Tube – Muffler	1
4	92–9797	Spring – Extension	2
5	46–6811	Screw – Cap Hex. Hd.	2
6	3256–67	Washer – Flat	4
7	48–9460	Screw – Cap Hex. Hd.	4
8	3256–23	Washer – Flat	5

Ref. No.	Part No.	Description	No. Used
†9	314990013	Gasket – Muffler	1
10	3234–28	Screw – Hex. Flange Hd.	1
11	83–8220	Bracket – Muffler	1
12	92–9776	Muffler	1
13	93–0151	Bracket – Tube Support	1
14	3296–16	Nut – Lock	2
15	92–9796	Block – Support	1

†Obtain from your local Perkins Dealer.

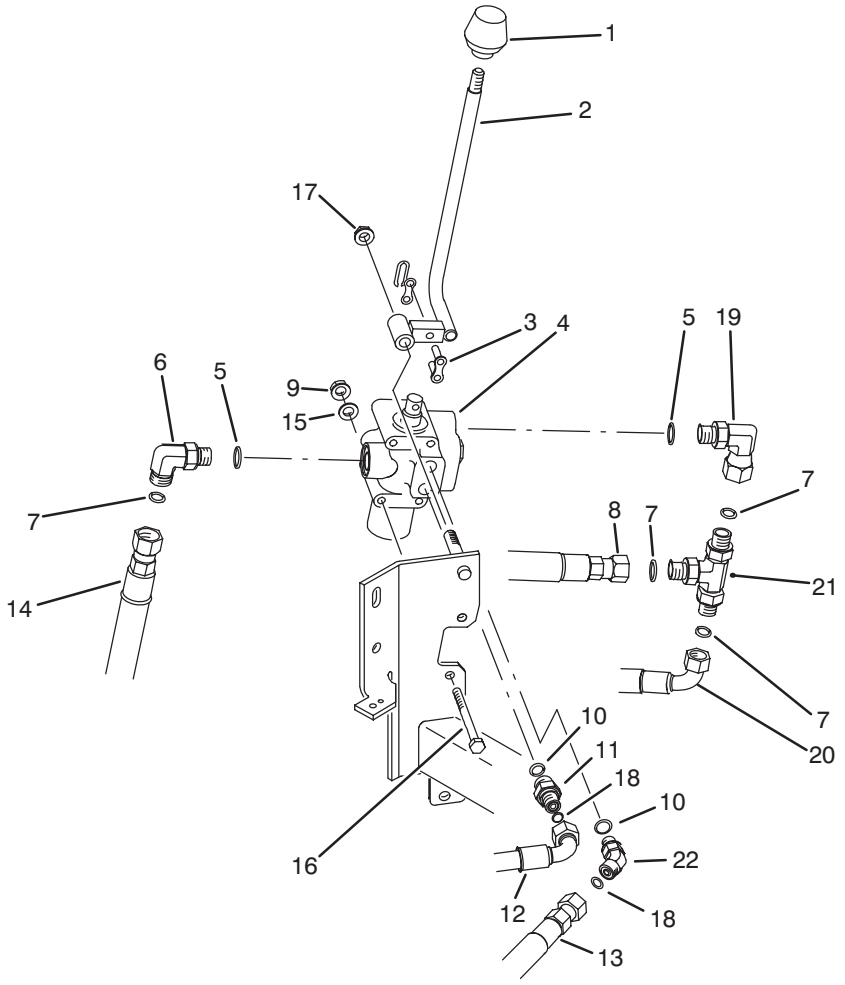


T–1362

ELECTRIC CLUTCH ASSEMBLY NO. 83–9140

Ref. No.	Part No.	Description	No. Used
1	84–7770	Field & Rotor Assembly	1

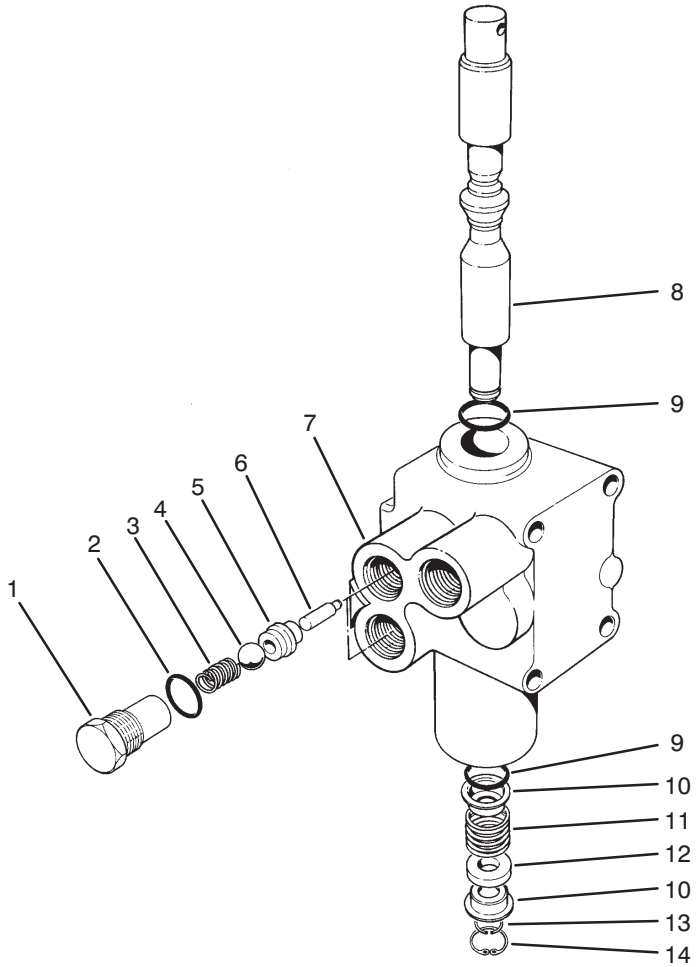
Ref. No.	Part No.	Description	No. Used
2	84–7780	Armature Assembly	1



T–1376

CUTTING UNIT LIFT VALVE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233–37	Knob	1
2	85–5160	Lever – Lift Valve	1
3	2710–16	Connecting Link Assembly	1
4	43–1950	Lift Valve Assembly	1
5	237–42	Seal – O–Ring	1
6	340–77	Fitting – Hydraulic 90° (Incl. Ref. #5 & 7)	1
7	237–22	Seal – O–Ring	4
8	92–1177	Hose – Hydraulic	1
9	3296–16	Nut – Flange Lock	2
10	237–78	Seal – O–Ring	2
11	340–92	Fitting – Hydraulic Straight (Incl. Ref. #10 & 18)	1
12	83–9610	Hose – Hydraulic	1
13	85–4990	Hose – Hydraulic	1
14	83–9640	Hose – Hydraulic	1
15	3256–22	Washer – Flat	2
16	321–23	Screw – Cap Hex. Hd.	2
17	3296–39	Nut – Flange Lock	1
18	237–21	Seal – O–Ring	2
19	340–110	Fitting – Hydraulic 90° (Incl. Ref. #5)	1
20	85–4990	Hose – Hydraulic	1
21	340–20	Fitting – Hydraulic Tee (Incl. Ref. #7)	1
22	340–103	Fitting – Hydrauulic 90° (Incl. Ref. #10 & 18)	1

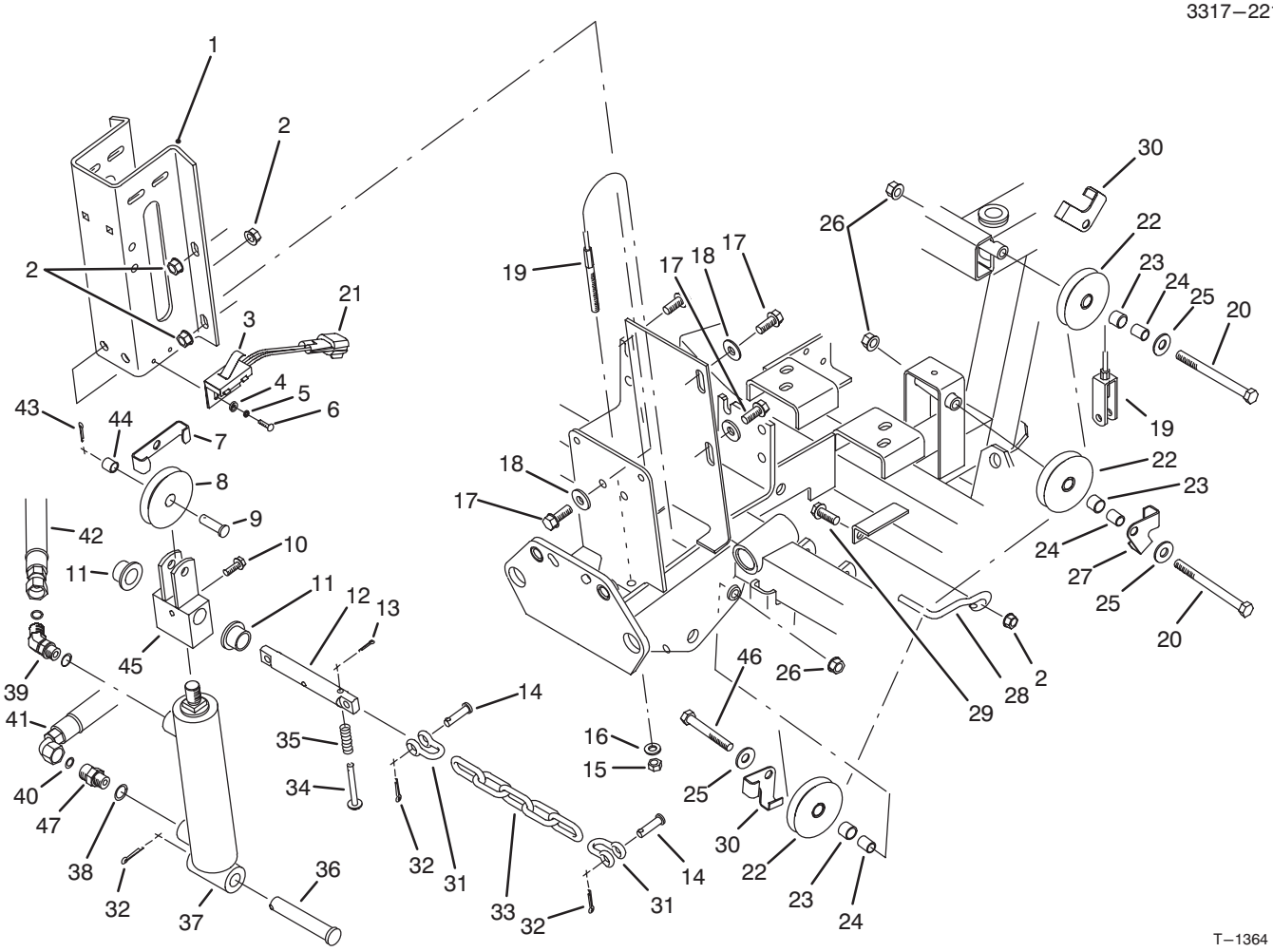


T–0280

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

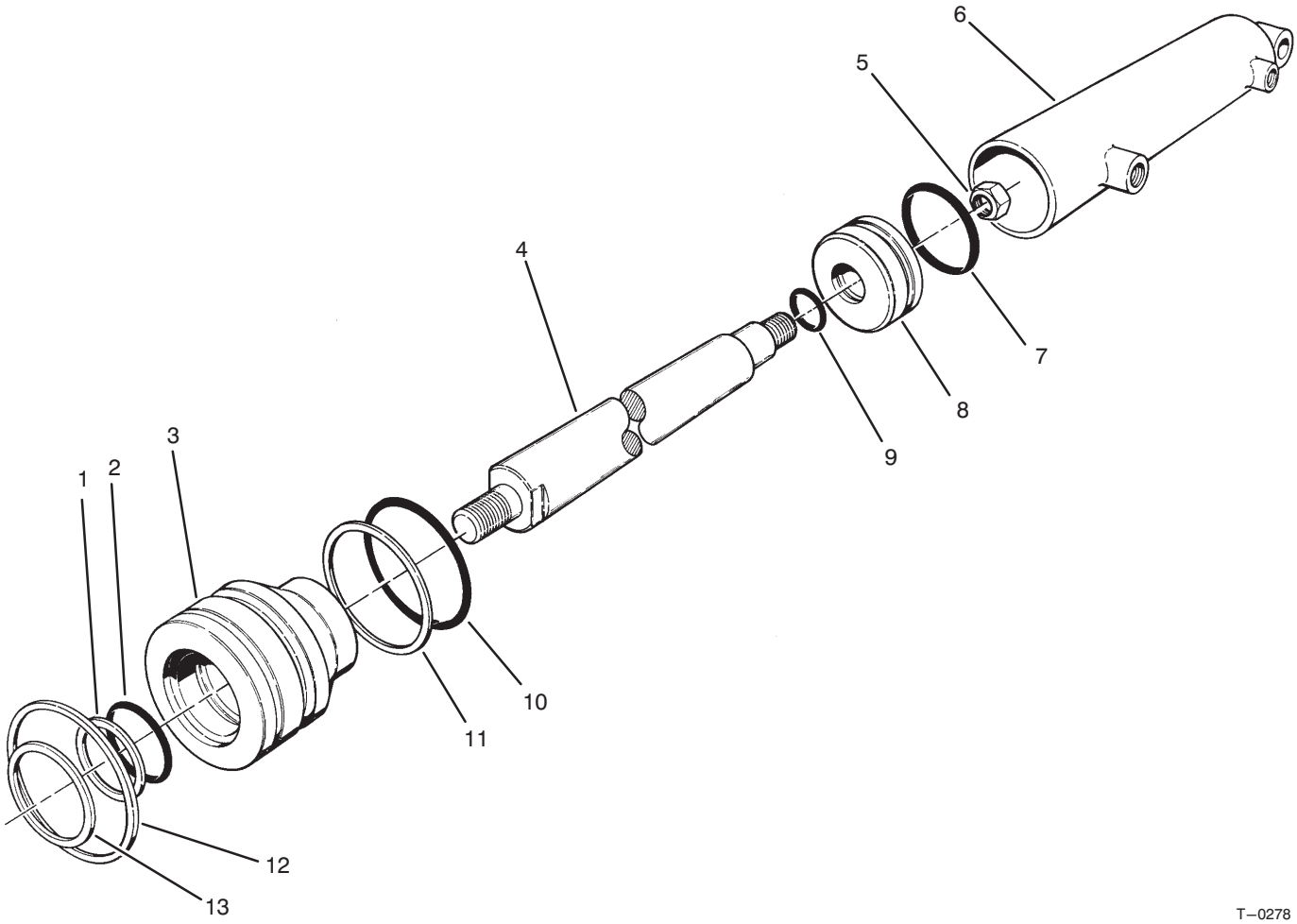


CUTTING UNIT LIFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83–9760	Bracket – Cylinder Support	1
2	32128–43	Nut – Flange Lock	7
3	92–7905	Switch Assembly (Incl. Ref. #21)	1
4	3256–23	Washer – Flat	2
5	3254–9	Washer – Lock Internal	2
6	3249–3	Screw – Round Hd.	2
7	5–2655	Keeper – Cable	1
8	5–2653	Cable Pulley Assembly (Incl. Ref. #44)	1
9	283–42	Pin – Clevis	1
10	3234–4	Screw – Hex. Washer Hd.	1
11	84–8440	Bushing – Flange	2
12	72–4190	Pin – Cylinder Guide	1
13	3272–4	Pin – Cotter	1
14	283–6	Pin – Clevis	4
15	3296–4	Nut – Lock	1
16	3256–23	Washer – Flat	1
17	3234–25	Screw – Hex. Washer Hd.	6
18	80–6990	Washer	5
19	83–8590	Cable – Lift	1
20	323–23	Screw – Cap Hex. Hd.	2
21	92–7906	Switch	1
22	61–3210	Cable Pulley Assembly (Incl. Ref. #23)	3
23	256–1	Bushing – Sleeve	3

Ref. No.	Part No.	Description	No. Used
24	61–3230	Spacer	3
25	3256–24	Washer – Flat	3
26	3296–39	Nut – Flange Lock	3
27	83–9130	Keeper – Cable	1
28	63–1400	Guide – Cable	1
29	3234–11	Screw – Hex. Washer Hd.	1
30	5–2656	Keeper – Cable	2
31	282–4	Clevis	4
32	3272–11	Pin – Cotter	5
33	61–3830	Chain – Lift	2
34	71–1380	Pin – Spring	1
35	71–1370	Spring – Compression	1
36	283–78	Pin – Clevis	1
37	76–0020	Hydraulic Cylinder Assembly	1
38	237–42	Seal – O–Ring	2
39	340–87	Fitting – Hydraulic 45° (Incl. Ref. #38 & 40)	1
40	237–22	Seal – O–Ring	2
41	85–4990	Hose – Hydraulic	1
42	83–9620	Hose – Hydraulic	1
43	3272–6	Pin – Cotter	1
45	61–2430	Hub – Lift	1
44	256–2	Bushing – Sleeve	1
46	323–13	Screw – Cap Hex. Hd.	1
47	340–2	Fitting – Hydraulic Straight (Incl. Ref. #38 & 40)	1

3317–221



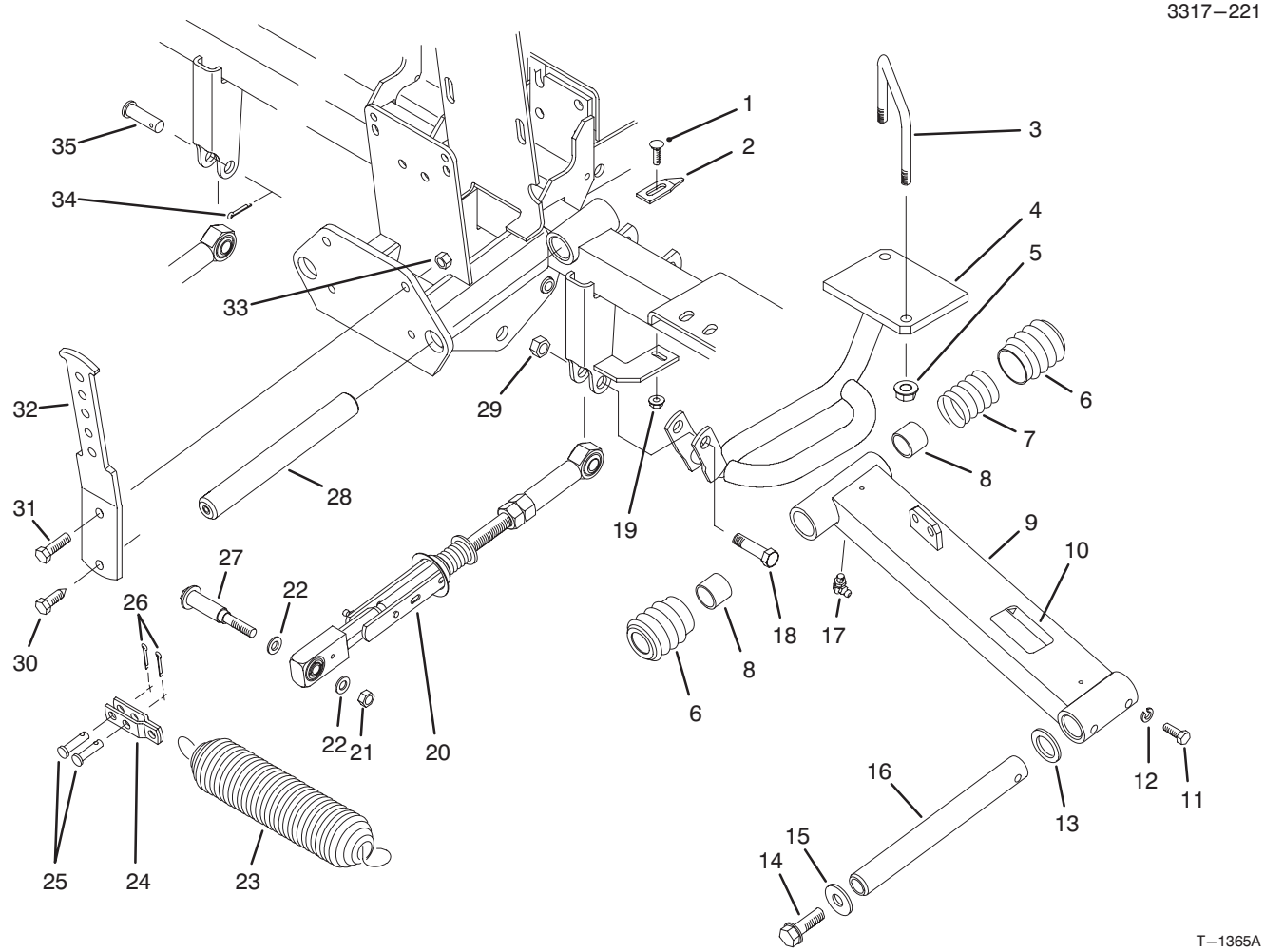
T–0278

HYDRAULIC CYLINDER ASSEMBLY NO. 76–0020

Ref. No.	Part No.	Description	No. Used
1		Washer – Backup	1
2		Seal – O–Ring	1
3	76–0090	Head	1
4	76–2320	Shaft	1
5	76–2330	Nut – Lock	1
6		Barrel	1
7		Uniring	1
8	76–0040	Piston	1

Ref. No.	Part No.	Description	No. Used
9		Seal – O–Ring	1
10		Seal – O–Ring	1
11		Washer – Backup	1
12	76–0050	Ring – Retaining	1
13		Seal–Dust	1
*	76–0030	Repair Kit (Incl. Ref. #1–2, 7, 9–11 &13)	1

*Not Illustrated



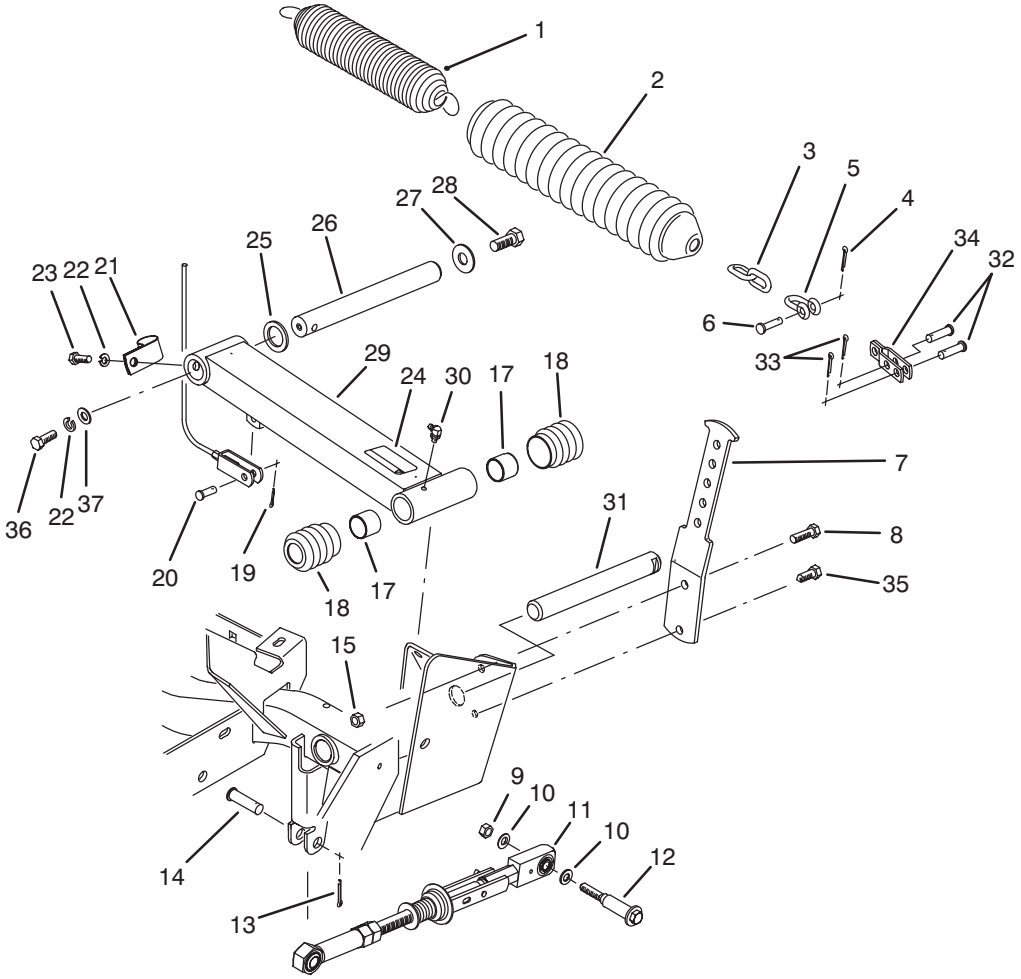
FRONT CUTTING UNIT LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3229–1	Bolt – Carriage	2
2	76–2430	Scraper – Pulley	2
3	93–0153	Bolt – U	1
4	93–0160	Guard – Pulley	1
5	32128–19	Nut – Flange Lock	2
6	61–7250	Boot	4
7	61–3270	Spring – Compression	2
8	3–0348	Bushing – Sleeve	4
9	16–1159	Lift Arm Assembly L.H. (Incl. Ref. #8, 10 & 17)	1
*	16–1169	Lift Arm Assembly R.H. (Incl. Ref. #8, 10 & 17)	1
‡10	55–4300	Decal – Warning	2
11	322–4	Screw – Cap Hex. Hd.	2
12	3253–4	Washer – Lock	2
13	256–115	Washer – Thrust	2
14	3234–32	Screw – Hex. Flange Hd.	2
15	3256–6	Washer – Flat	2
16	92–1815	Rod – Pivot	2

Ref. No.	Part No.	Description	No. Used
17	302–60	Fitting – Grease	2
18	325–9	Screw – Cap Hex. Hd.	1
19	32128–33	Nut – Flange Lock	2
20	83–7900	Belt Tensioner Assembly	2
21	3296–59	Nut – Lock	2
22	3256–45	Washer – Flat	4
23	5–0743	Spring – Extension	2
24	92–1822	Shackle	2
25	283–75	Pin – Clevis	4
26	3272–10	Pin – Cotter	4
27	76–0370	Bolt – Shoulder	2
28	92–1812	Shaft – Lift Pivot	2
29	3296–45	Nut – Lock	1
30	32104–6	Screw – Cap Hex. Hd.	2
31	323–7	Screw – Cap Hex. Hd.	2
32	92–1818	Arm – Tension	2
33	3296–39	Nut – Lock	2
34	3272–13	Pin – Cotter	1
35	283–40	Pin – Clevis	1

*Not Illustrated
‡For different language versions of this part, see International Parts Reference.

3317–221



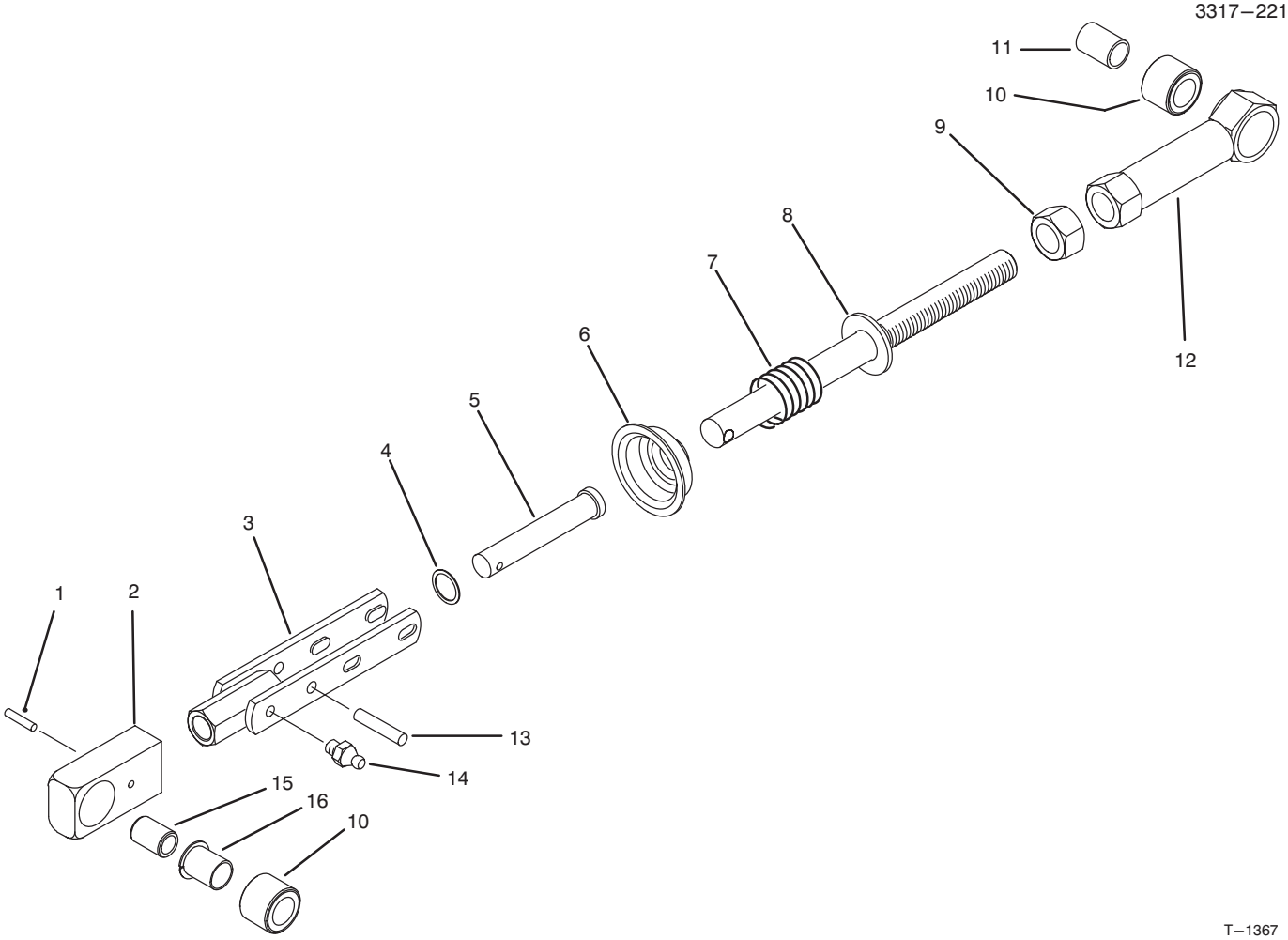
T–1366A

REAR CUTTING UNIT LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5–0743	Spring – Extension	1
2	62–7240	Cover – Spring	1
3	62–7300	Chain	1
4	3272–11	Pin – Cotter	1
5	282–4	Clevis	1
6	283–6	Pin – Clevis	1
7	92–1818	Arm – Tension	1
8	323–7	Screw – Cap Hex. Hd.	1
9	3296–59	Nut – Lock	2
10	3256–45	Washer – Flat	4
11	83–7900	Belt Tensioner Assembly	2
12	76–0370	Bolt – Shoulder	2
13	3272–13	Pin – Cotter	2
14	283–40	Pin – Clevis	2
15	3296–39	Nut – Lock	1
17	3–0348	Bushing – Sleeve	2
18	62–7250	Boot	2
19	3272–6	Pin – Cotter	1
20	283–1	Pin – Clevis	1

Ref. No.	Part No.	Description	No. Used
21	18–2970	Clamp – R	1
22	3253–4	Washer – Lock	2
23	322–4	Screw – Cap Hex. Hd.	1
‡24	55–4300	Decal – Warning	1
25	256–115	Washer – Thrust	1
26	92–1815	Rod – Pivot	1
27	3256–6	Washer – Flat	1
28	3234–32	Screw – Cap Hex. Hd.	1
29	16–1089	Lift Arm Assembly (Incl. Ref. #17, 24 & 30)	1
30	302–60	Fitting – Grease	1
31	92–1812	Shaft – Lift Pivot	1
32	283–75	Pin – Clevis	2
33	3272–10	Pin – Cotter	2
34	92–1822	Shackle	1
35	32104–6	Screw – Cap Hex. Hd.	1
36	322–26	Screw – Cap Hex. Hd.	1
37	3256–57	Washer – Flat	1

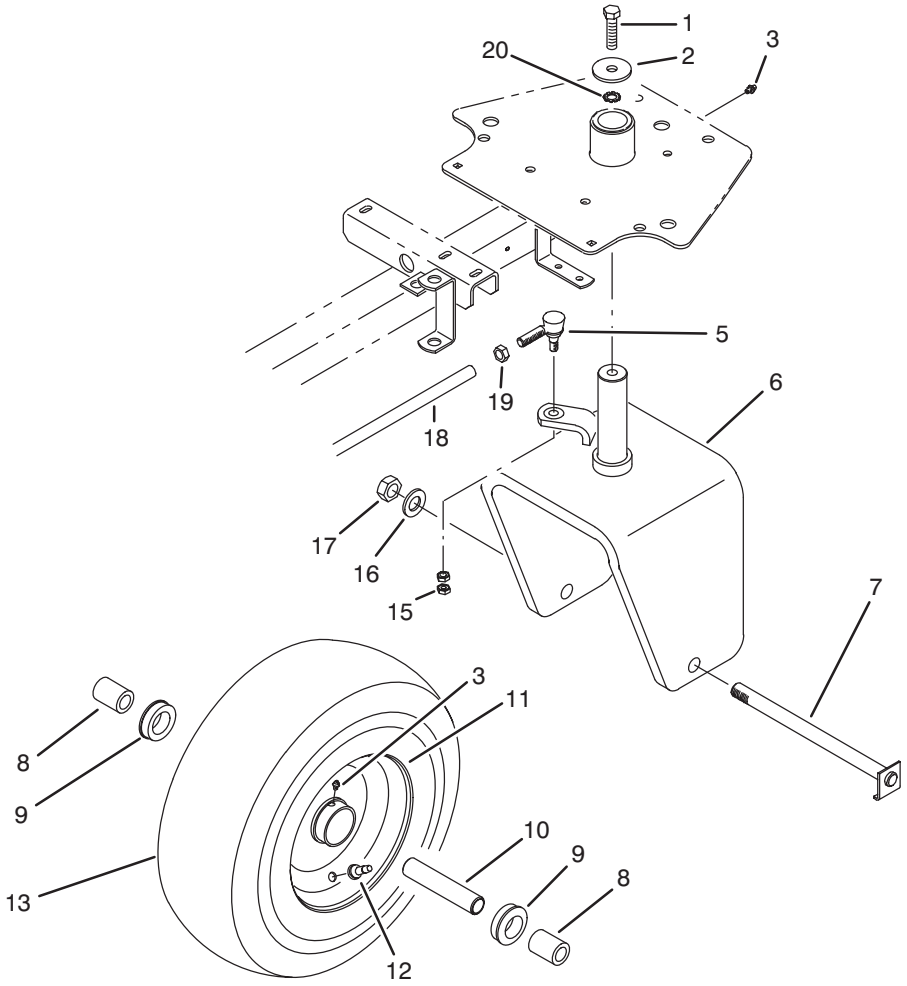
‡For different language versions of this part, see International Parts Reference.



BELT TENSIONER ASSEMBLY NO. 83–7900

Ref. No.	Part No.	Description	No. Used
1	32121–23	Pin – Roll	1
2	76–0350	Housing – Bushing	1
3	83–7930	Yoke	1
4	3256–54	Washer – Flat	1
5	283–55	Pin – Clevis	1
6	76–0360	Cup – Retainer	1
7	76–0410	Spring – Compression	1
8	83–7910	Rod	1

Ref. No.	Part No.	Description	No. Used
9	3218–6	Nut – Jam	1
10	56–9510	Bushing Assembly	2
11	256–173	Bushing – Sleeve	1
12	76–0300	Housing – Bushing	1
13	32121–9	Pin – Roll	1
14	302–5	Fitting – Grease	1
15	76–0390	Spacer	1
16	56–9520	Bushing – Nyliner	1

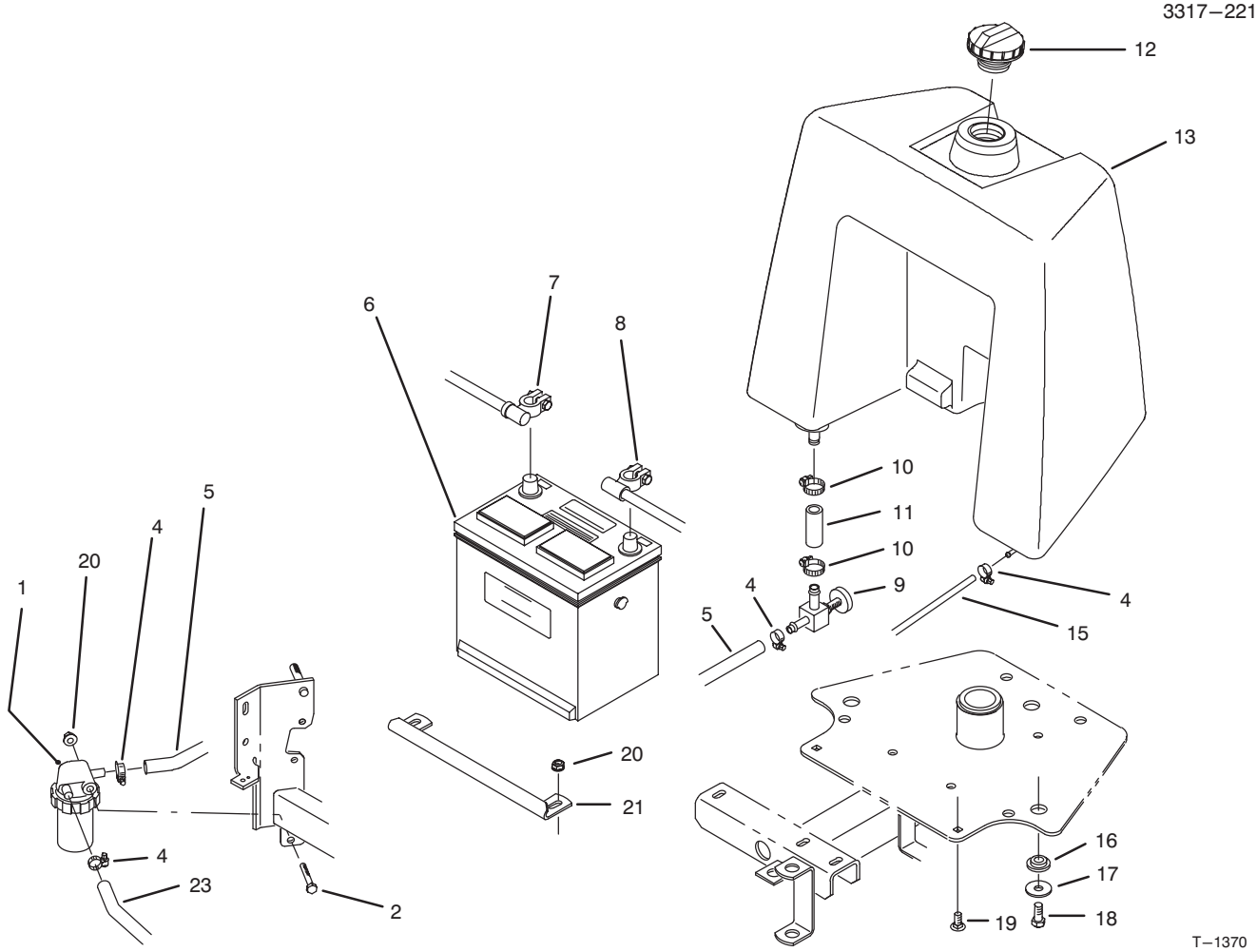


T–1368A

REAR WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	325–6	Screw – Cap Hex. Hd.	1
2	75–7730	Spacer	1
3	302–5	Fitting – Grease	2
5	20–0140	Rod End Assembly (Incl. Ref. #15)	1
6	83–7340	Fork – Caster	1
7	61–1960	Axle – Wheel	1
8	68–4210	Spacer – Wheel	2
9	251–321	Bearing – Wheel	2
10	241–130	Spacer – Bearing	1

Ref. No.	Part No.	Description	No. Used
11	241–129	Rim	1
12	232–47	Valve – Stem	1
13	93–0166	Tire	1
15	3220–3	Nut – Jam	2
16	3256–28	Washer – Flat	1
17	3296–51	Nut – Lock	1
18	61–2070	Rod – Steering	1
19	3220–12	Nut – Jam	1
20	3255–2	Washer – Lock	1



FUEL SYSTEM ASSEMBLY

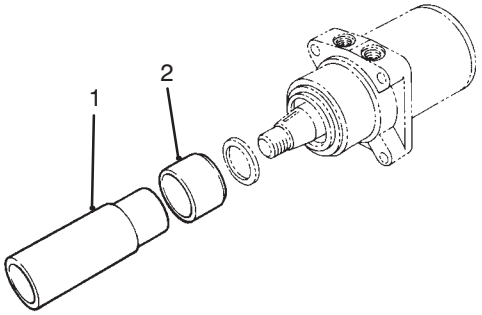
Ref. No.	Part No.	Description	No. Used
†1	130366040	Fitler – Fuel	1
2	321–12	Screw – Cap Hex. Hd.	1
4	2412–108	Clamp – Hose	4
5	63–7620	Hose – Fuel	1
6	83–9000	Battery	1
7	83–9220	Cable – Battery Pos.	1
8	83–9210	Cable – Battery Neg.	1
9	56–2520	Valve – Fuel Shut–Off	1
10	2412–36	Clamp – Hose	2
11	56–2230	Hose – Fuel	1

Ref. No.	Part No.	Description	No. Used
12	93–3102	Cap – Fuel Tank	1
13	83–8720	Tank – Fuel	1
15	75–4703	Hose – Fuel	1
16	240–11	Grommet	3
17	63–8410	Washer – Flat	3
18	323–5	Screw – Cap Hex. Hd.	3
19	3230–1	Screw – Carriage	2
20	32128–44	Nut – Flange Lock	3
21	83–9240	Hold–Down – Battery	1
23	23–2140	Hose – Fuel	1

†Obtain from your local Perkins Dealer.

SPECIAL TOOLS

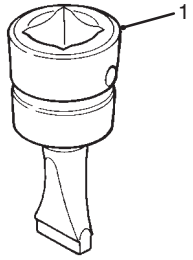
DRIVE MOTOR SEAL INSTALLATION TOOL NO. *19–2660



T–0728

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

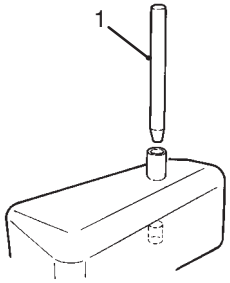
BEDKNIFE SCREW TOOL NO. *TOR510880



T–0729

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

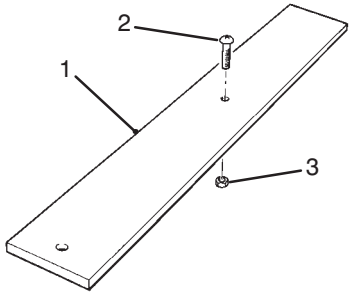
HYDRAULIC OIL RESERVOIR PLUG NO. *88–9220



T–1213

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

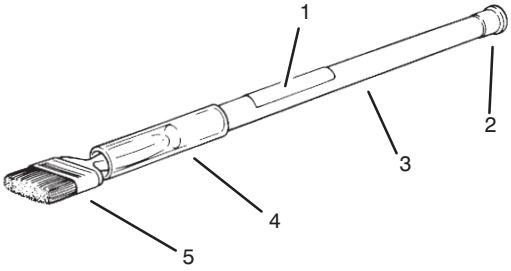
GAUGE BAR ASSEMBLY NO. *TOR138199



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

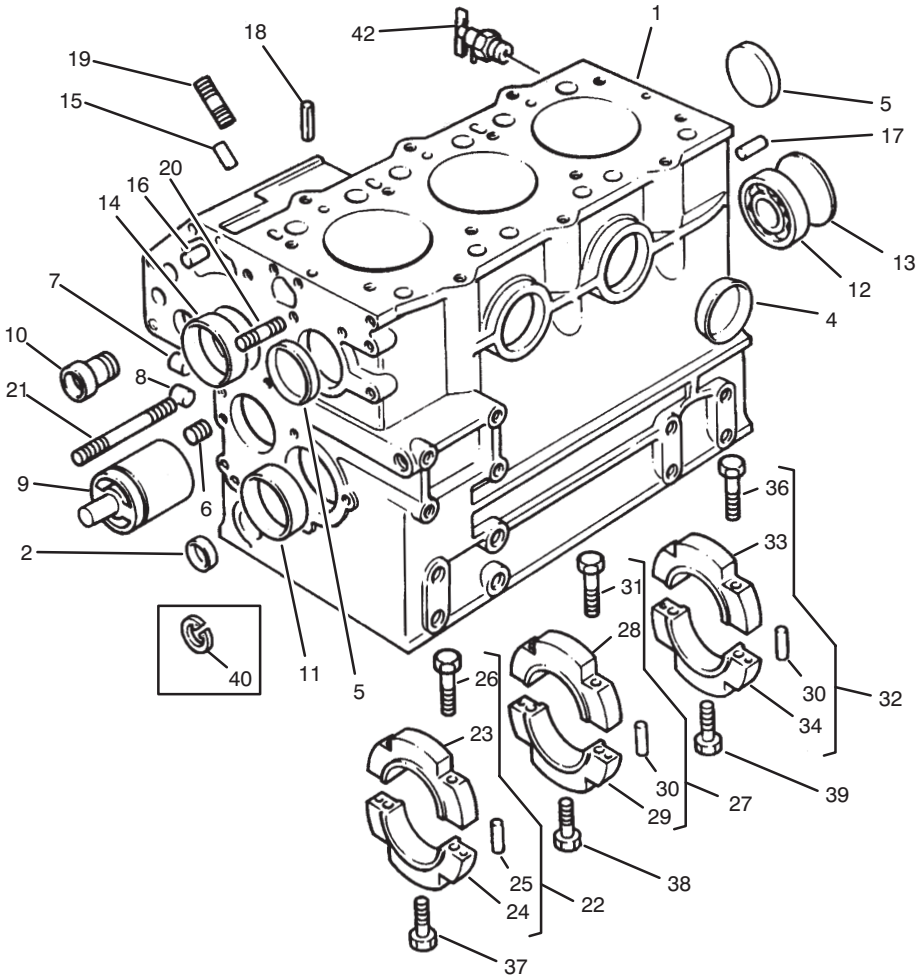
BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



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.



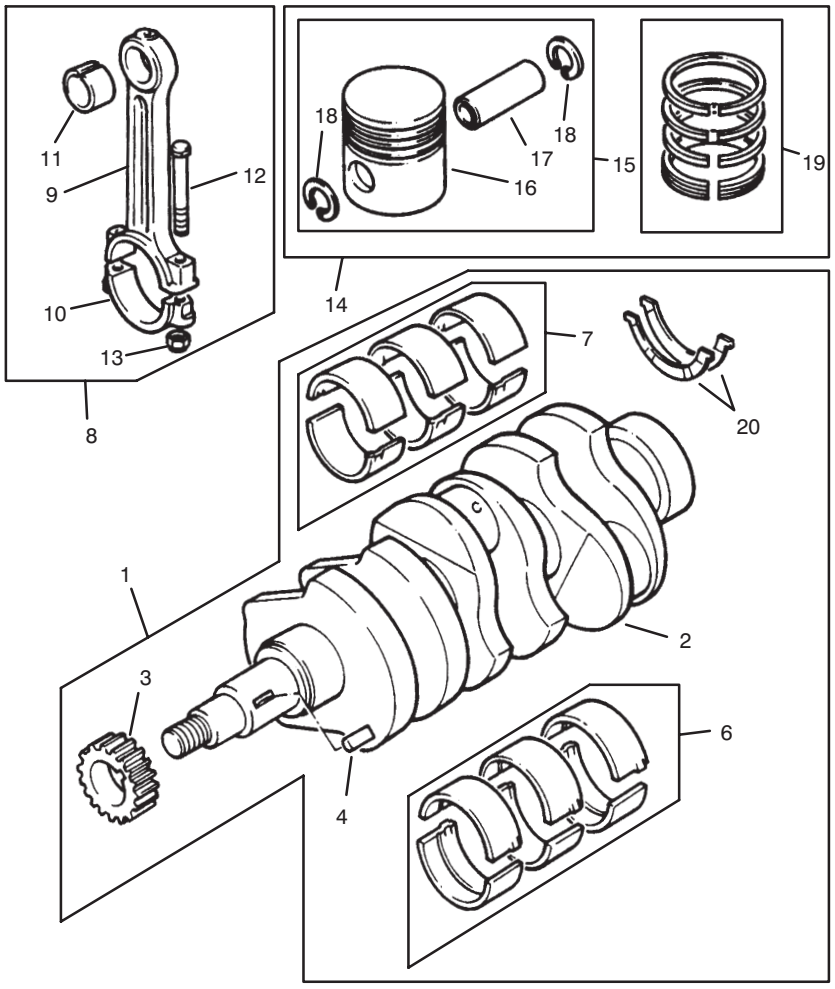
T–1377

CYLINDER BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	110186030	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 –.25mm	1
*	198517307	Bush –.50mm	1
12	040106203	Bearing – Ball	1
13	064100045	Plug	1
14	042303015	Bush	1
15	030500512	Dowel	2
16	030500512	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
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
*	110006330	Short Block Assembly	1
*	195906610	Kit – Gasket	1

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



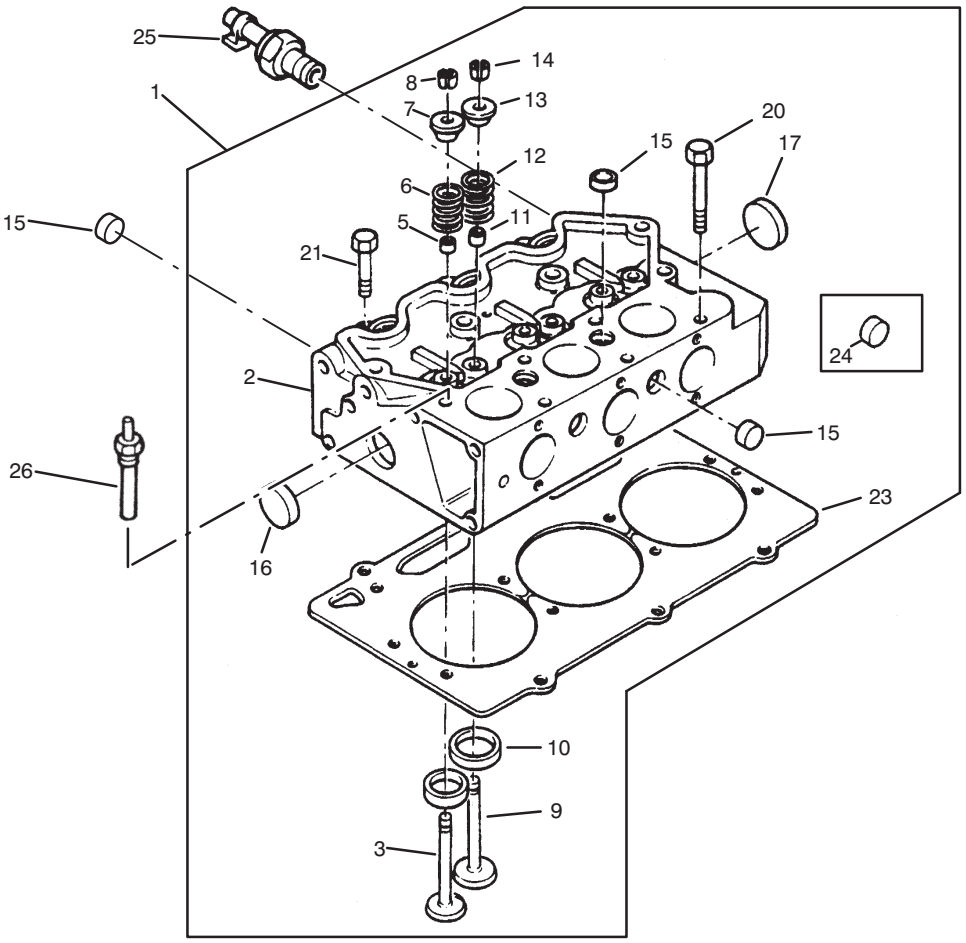
T–1378

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	1
*	198586037	Kit – Bearing –0.50mm	1
7	198586060	Kit – Bearing Std.	1
*	198586064	Kit – Bearing –0.25mm	1
*	198586067	Kit – Bearing –0.50mm	1
8	115026240	Connecting Rod Assembly	
		Incl. Ref. # 9 & 10)	3
9		Rod	1
10		Cap	1
11	198517325	Bush	1
12	115176130	Screw	2

Ref. No.	Part No.	Description	No. Used
13	020109103	Nut	2
14	115016670	Kit – Piston Std.	3
*	115016674	Kit – Piston +0.5mm	1
*	115016677	Kit – Piston +1.0mm	1
15	115016770	Kit – Piston Std.	
		Incl. Ref. #16)	1
*	115016774	Kit – Piston +0.5mm	
		Incl. Ref. #16)	1
*	115016777	Kit – Piston +1.0mm	
		Incl. Ref. #16)	1
16		Piston	1
17	115326260	Pin	1
18	03500019	Circlip	2
19	115107260	Kit – Piston Ring	1
*	115107263	Kit – Piston Ring +0.5mm	1
*	115107265	Kit – Piston Ring +1.0mm	1

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



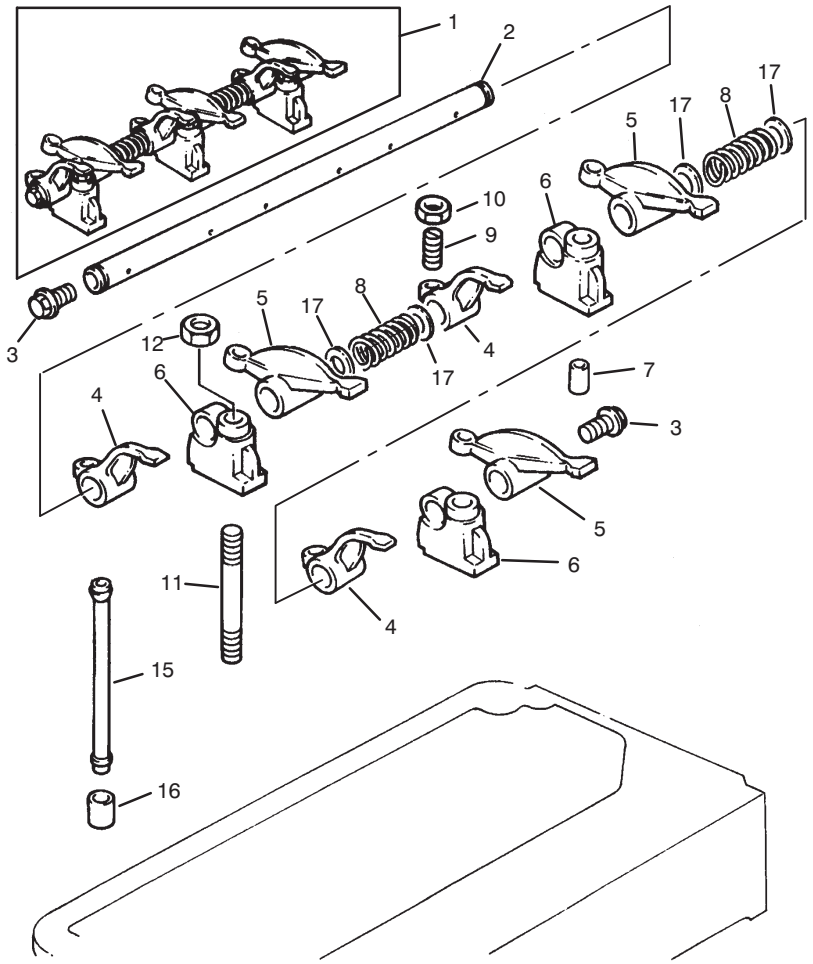
T–1379

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
13	120186100	Cap	3

Ref. No.	Part No.	Description	No. Used
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	111147100	Gasket +1.2mm	1
*	111147110	Gasket +1.3mm	1
24	064200018	Plug	2
25	185246060	Switch – Oil Pressure	1
26	385720101	Sender – Temperature	1

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



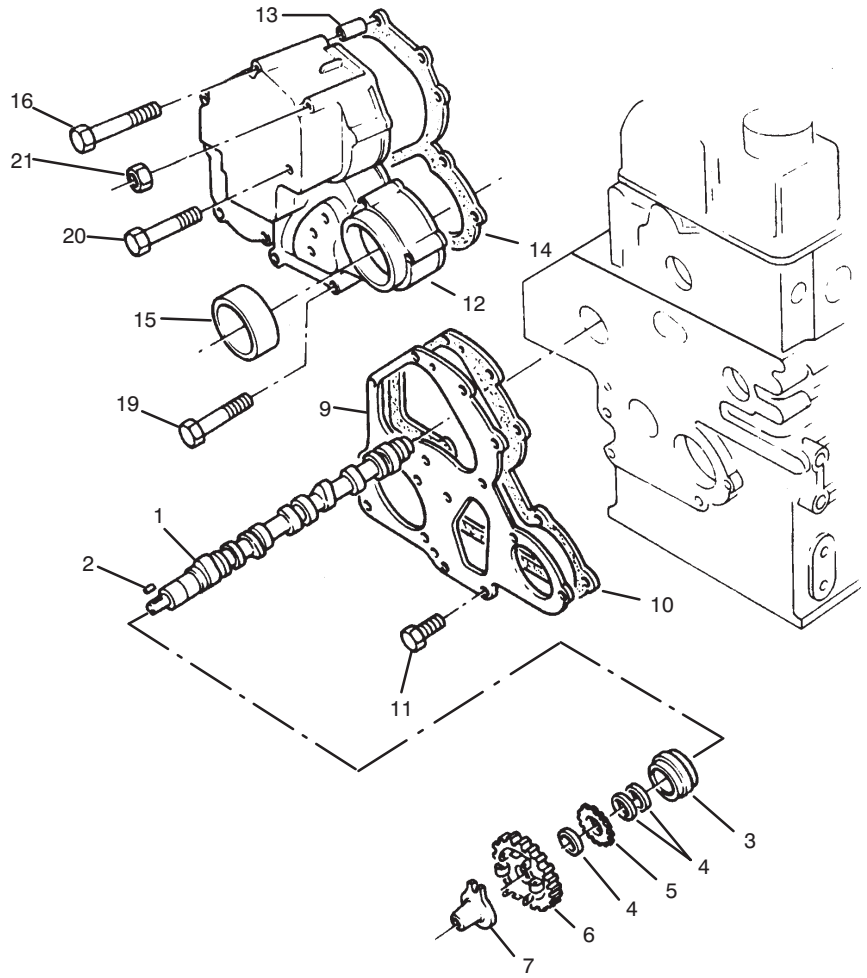
T–1380

ROCKER ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	120336020	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.



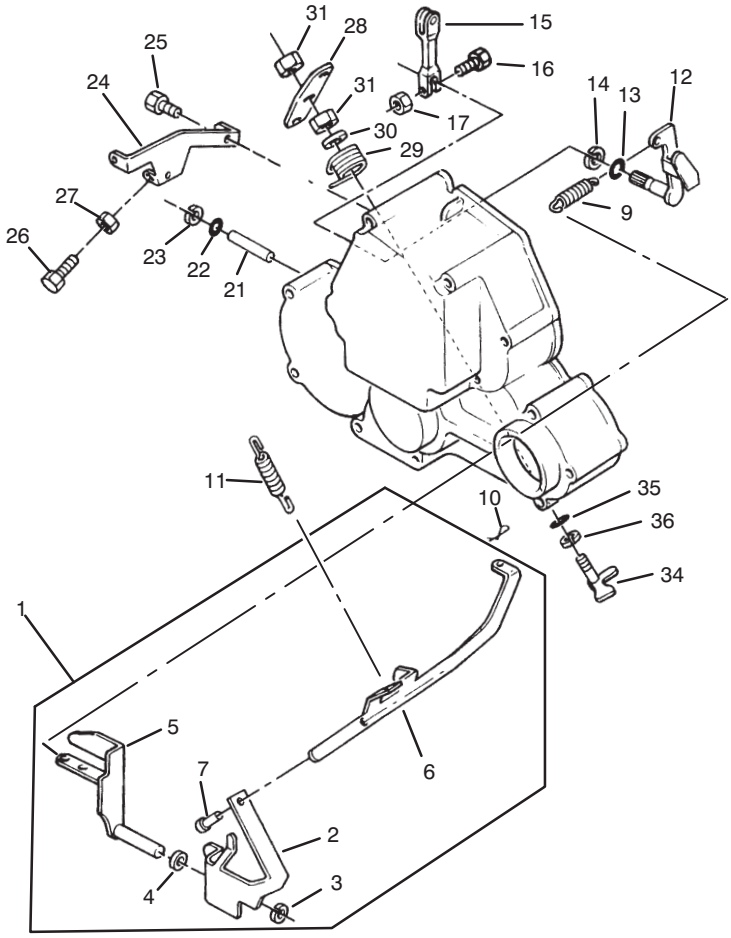
T–1381

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	120026120	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	165106130	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.



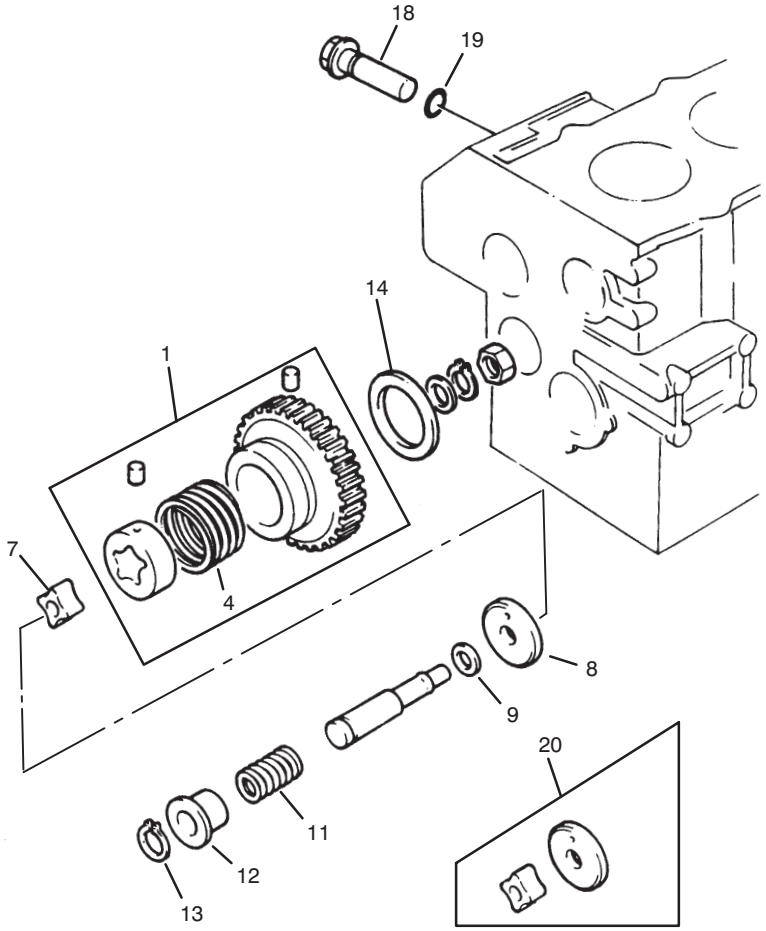
T–1382

TIMING COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	125046140	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	198217220	Spring	1
10	031100004	Pin	1
11	198217420	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	011300618	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.



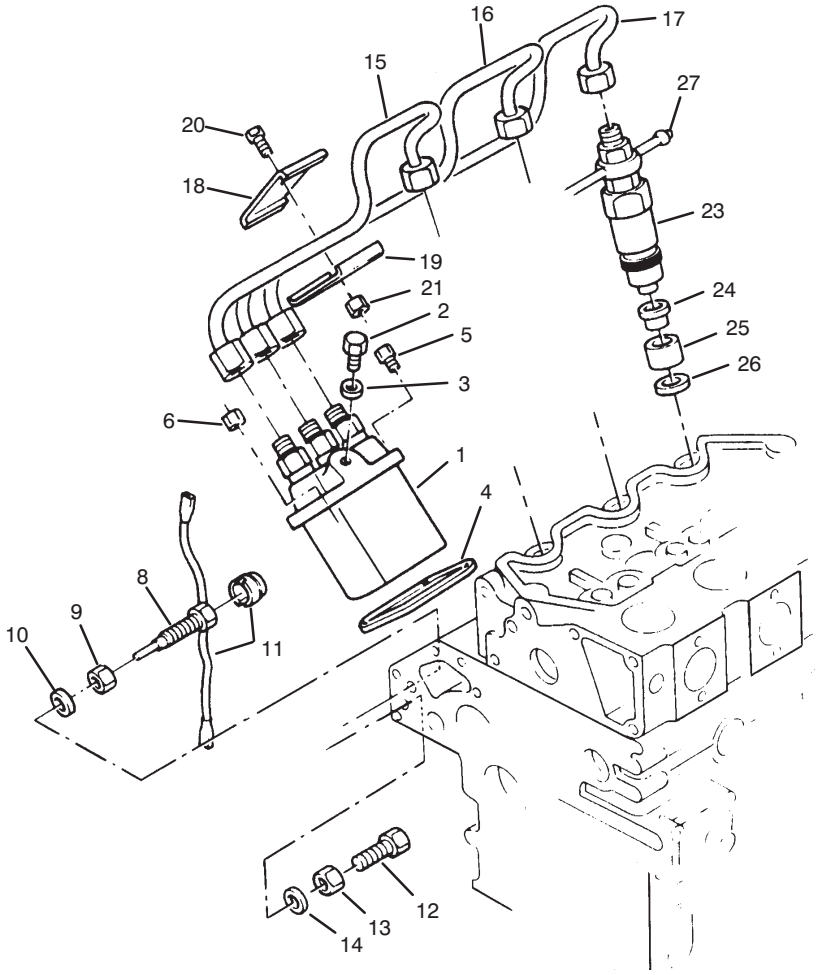
T–1383

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	1
*	199286160	Shim +0.15mm	1
*	199286170	Shim +0.20mm	1
*	199286180	Shim +0.50mm	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



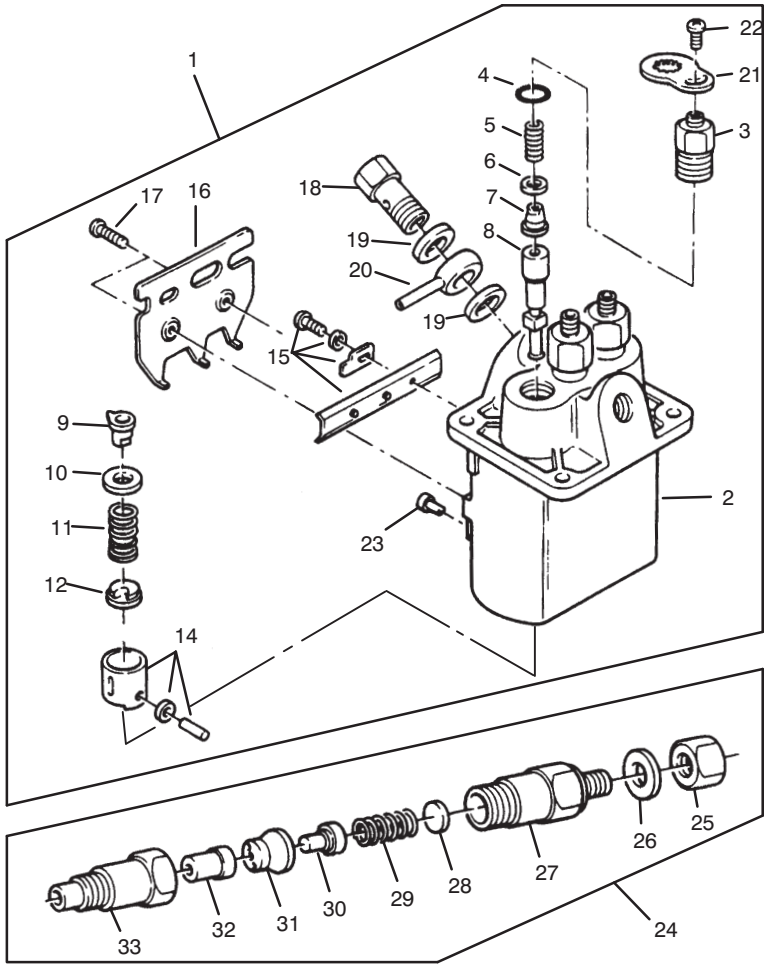
T–1384

FUEL INJECTION SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	131017340	Injection Pump	1
2	131236201	Screw	1
3	025100006	Washer	1
4	131437310	Shim +0.2mm	1
*	131437320	Shim +0.3mm	1
*	131437330	Shim +0.4mm	1
*	131437340	Shim +0.5mm	1
*	131437340	Shim +1.0mm	1
5	011300620	Screw	2
6	023100006	Nut	2
8	131046160	Screw	1
9	023109002	Nut	1
10	025100010	Washer	1
11	198236030	Wire	1
12	010109270	Screw	1

Ref. No.	Part No.	Description	No. Used
13	023109002	Nut	1
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



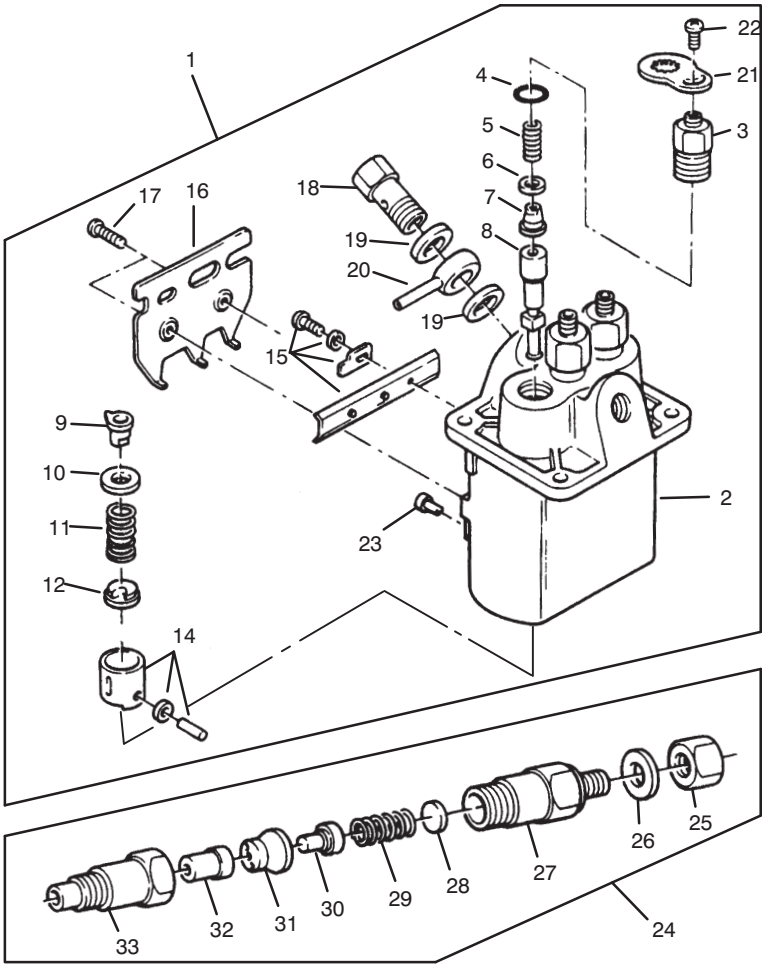
T–1385

INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	131017340	Injection Pipe	1
2	131296665	Housing	1
3	131196120	Holder	3
4	131226170	Seal – O–Ring	3
5	131176430	Spring	3
6	131186050	Gasket	3
7	131156160	Valve	3
8	131116410	Element	3
9	131296951	Sleeve	3
10	131296620	Seat	3
11	131176440	Spring	3
12	131296621	Seat	3
*	131296622	Plate +1.85mm	1
*	131296623	Plate +1.90mm	1
*	131296625	Plate +2.00mm	1
*	131296626	Plate +2.05mm	1
*	131296627	Plate +2.10mm	1
*	131296628	Plate +2.15mm	1
*	131296629	Plate +2.20mm	1
*	131296630	Plate +2.25mm	1
*	131296631	Plate +2.30mm	1
*	131296632	Plate +2.35mm	1
*	131296633	Plate +2.40mm	1
*	131296634	Plate +2.45mm	1
*	131296635	Plate +2.50mm	1
14	131256120	Tappet	3

Ref. No.	Part No.	Description	No. Used
15	131296636	Rack	1
16	131296650	Bracket	1
17	131136320	Screw	2
18	131236190	Bolt	1
19	131246180	Washer	2
20	131246130	Nipple	1
21	131296662	Plate	3
22	131136330	Screw	3
23	131296651	Pin	3
24	131406340	Atomiser	3
25	131446069	Nut	1
26	131426210	Washer	1
27	131446065	Body	1
28	131437250	Shim +0.90mm	1
*	131437251	Shim +0.925mm	1
*	131437252	Shim +0.95mm	1
*	131437253	Shim +0.975mm	1
*	131437354	Shim +1.00mm	1
*	131437255	Shim +1.025mm	1
*	131437256	Shim +1.05mm	1
*	131437257	Shim +1.075mm	1
*	131437258	Shim +1.10mm	1
*	131437259	Shim +1.125mm	1
*	131437260	Shim +1.15mm	1
*	131437261	Shim +1.175mm	1
*	131437262	Shim +1.20mm	1

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



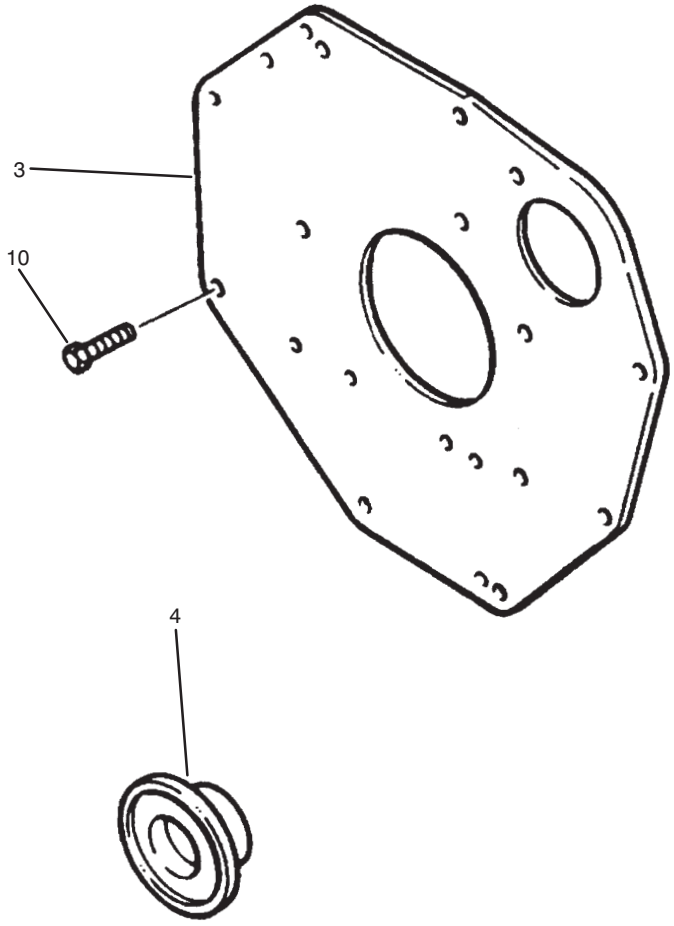
T–1385

INJECTION PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
28	131437263	Shim +1.225mm	1
*	131437264	Shim +1.250mm	1
*	131437265	Shim +1.275mm	1
*	131437266	Shim +1.30mm	1
*	131437267	Shim +1.325mm	1
*	131437268	Shim +1.35mm	1
*	131437269	Shim +1.375mm	1
*	131437270	Shim +1.40mm	1
*	131437271	Shim +1.425mm	1
*	131437272	Shim +1.45mm	1

Ref. No.	Part No.	Description	No. Used
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



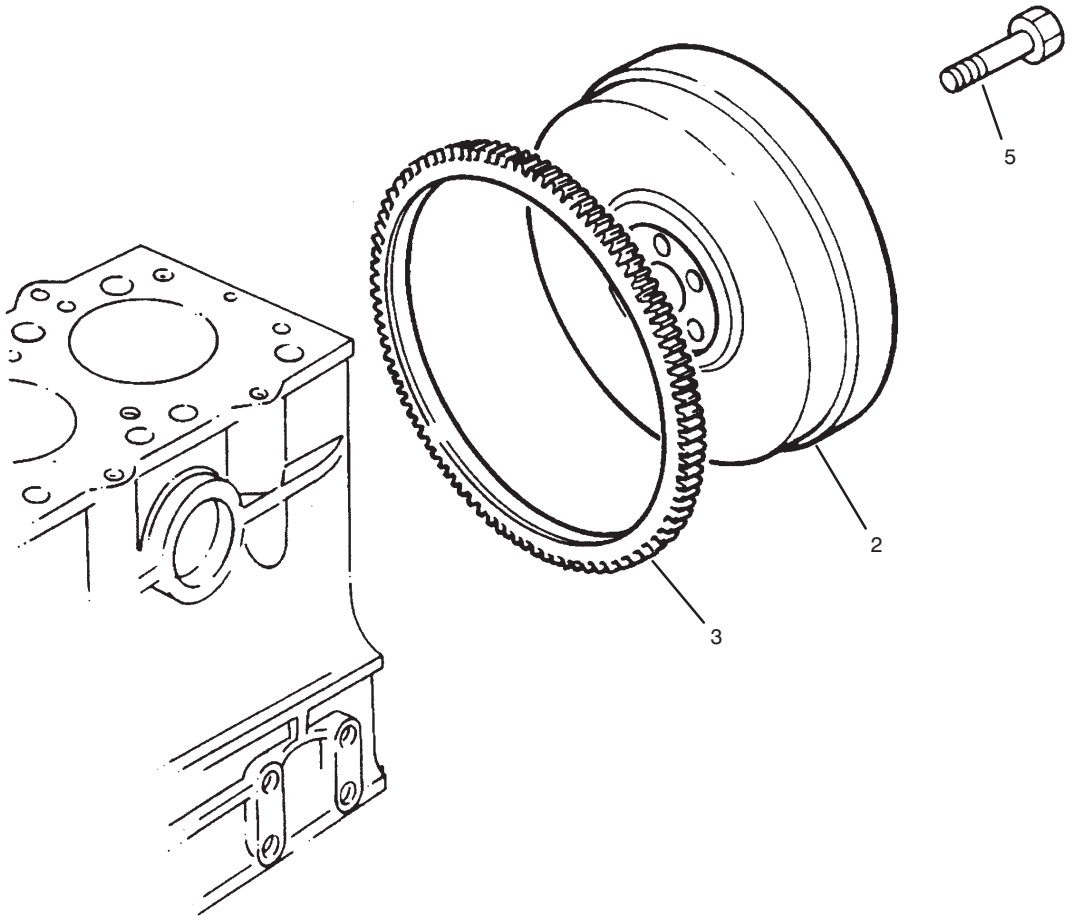
T–1386

FLYWHEEL HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
3	110366700	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.



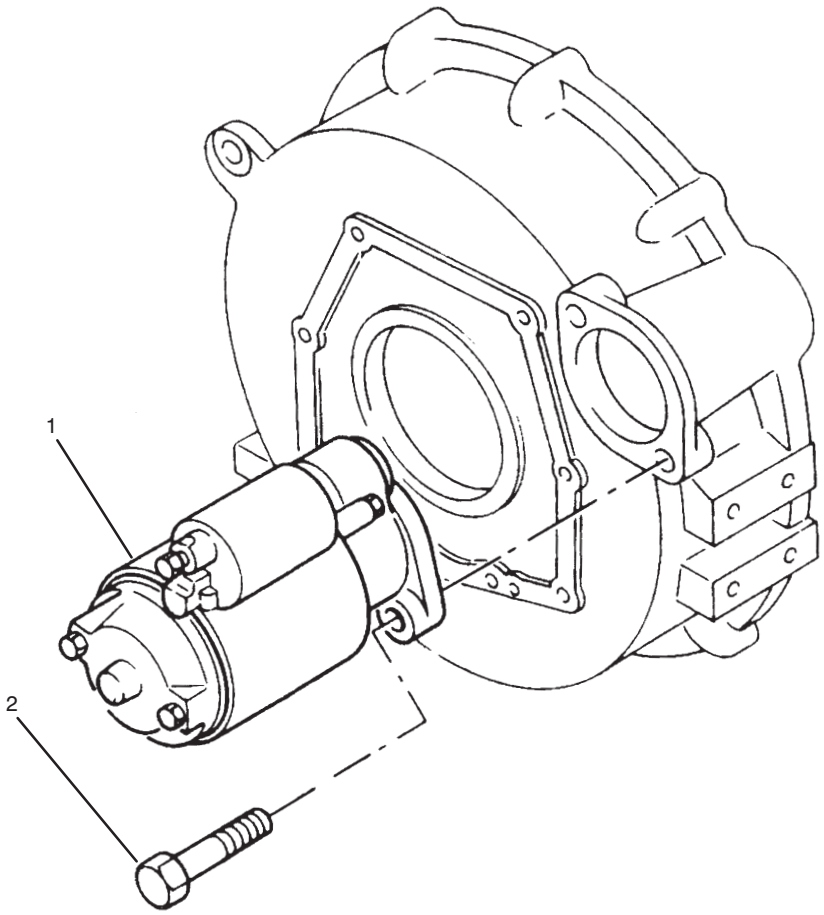
T–1387

FLYWHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	115356921	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.

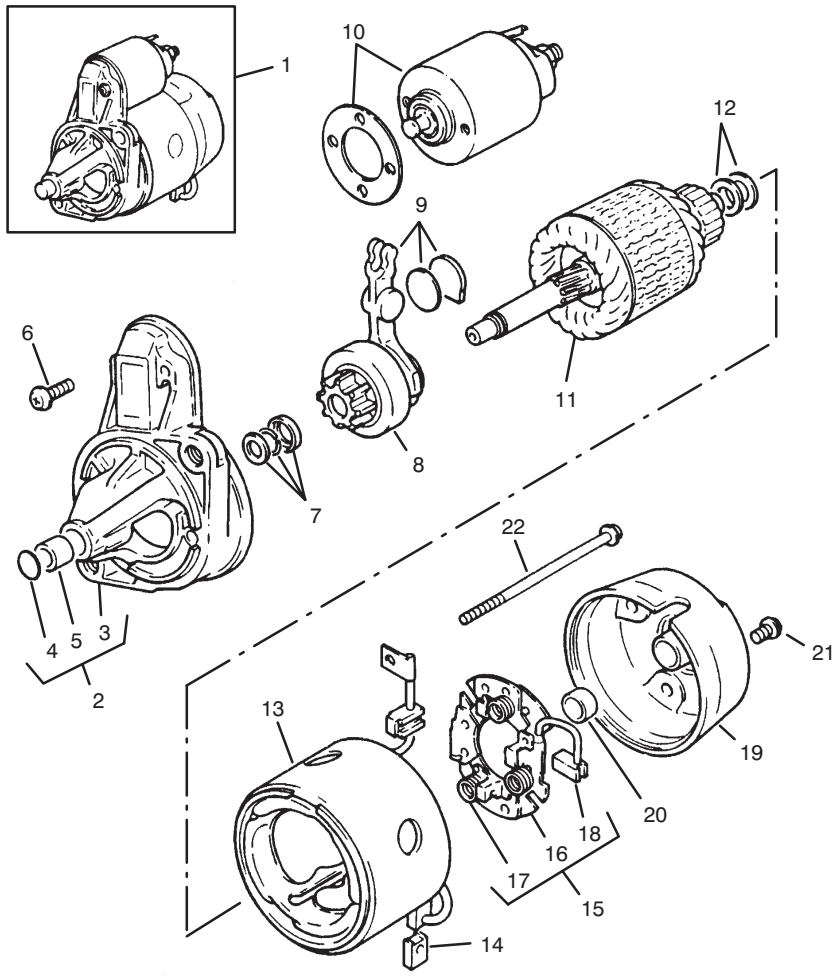


T–1388

STARTER INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185086370	Startermotor	1
2	011601020	Screw	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



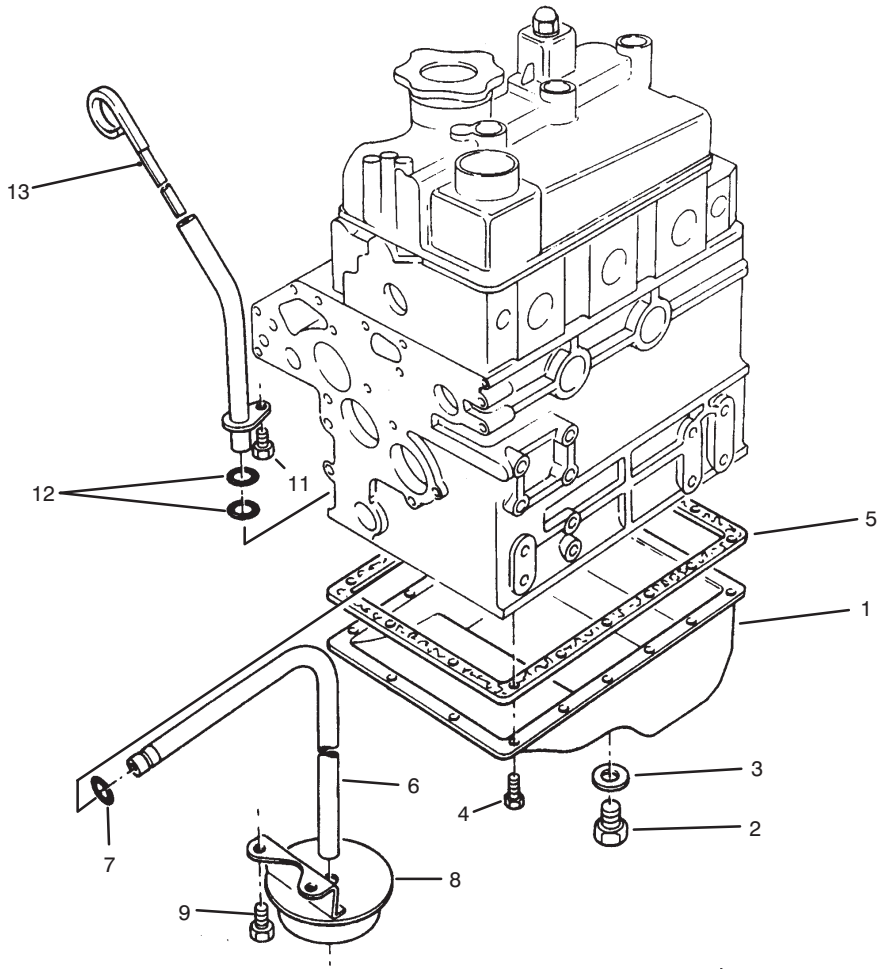
T–1389

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	Bush	1
21	185846468	Screw	3
22	185846470	Screw	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



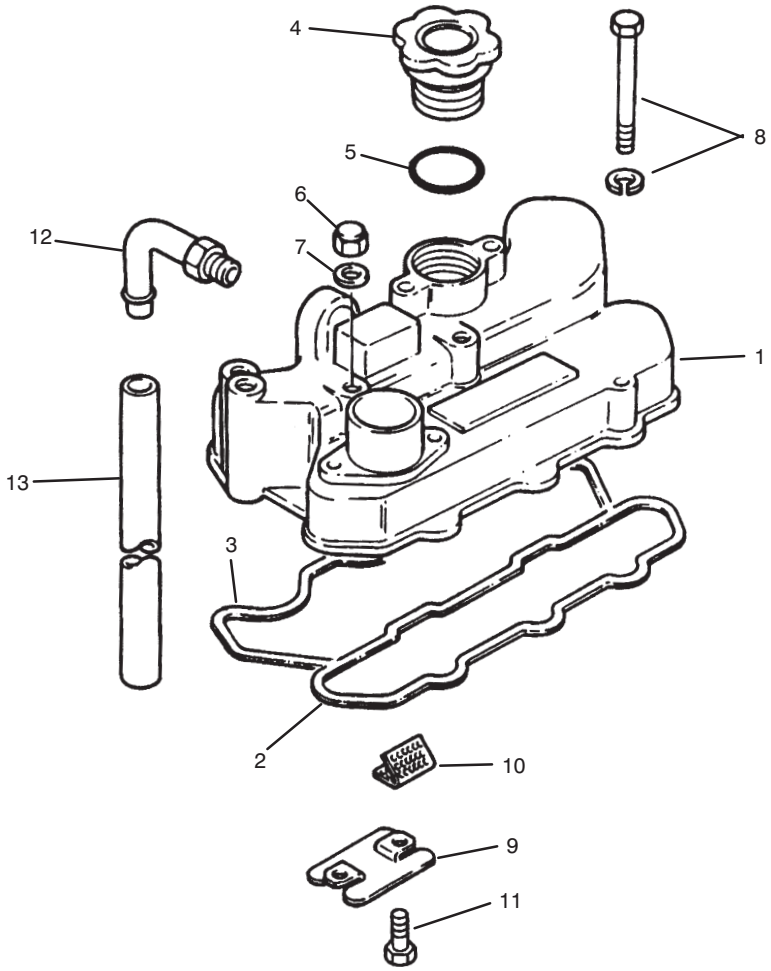
T–1390

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
11	011300612	Bolt	1
*	011300812	Screw	1
12	052100100	Seal – O–Ring	2
13	198416371	Dipstick	1

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



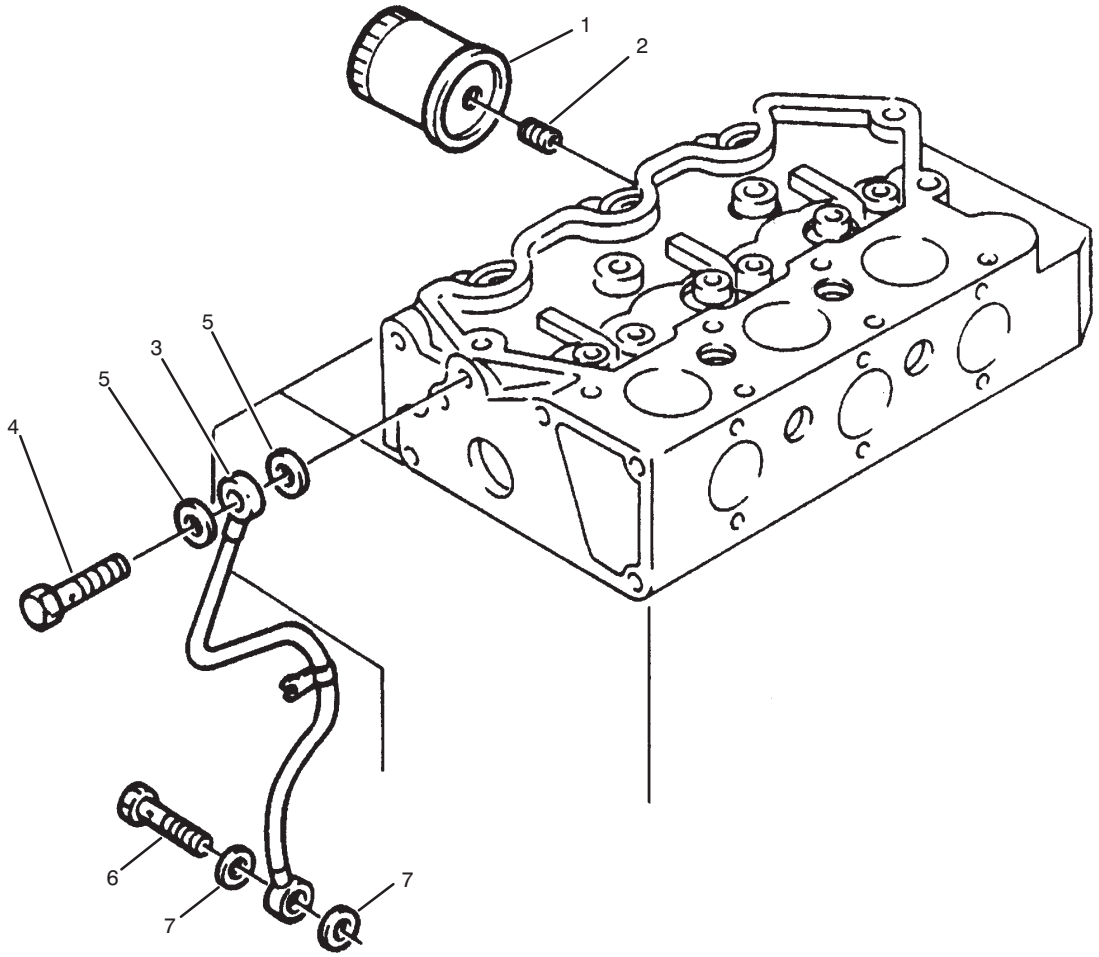
T–1391

VALVE COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	111216630	Cover	1
*	111026371	Cover	1
2	111996330	Gasket	1
3	111996060	Gasket	1
4	198436010	Cap	1
5	052100400	Seal	1
6	024500008	Nut	3

Ref. No.	Part No.	Description	No. Used
7	198996060	Washer	3
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

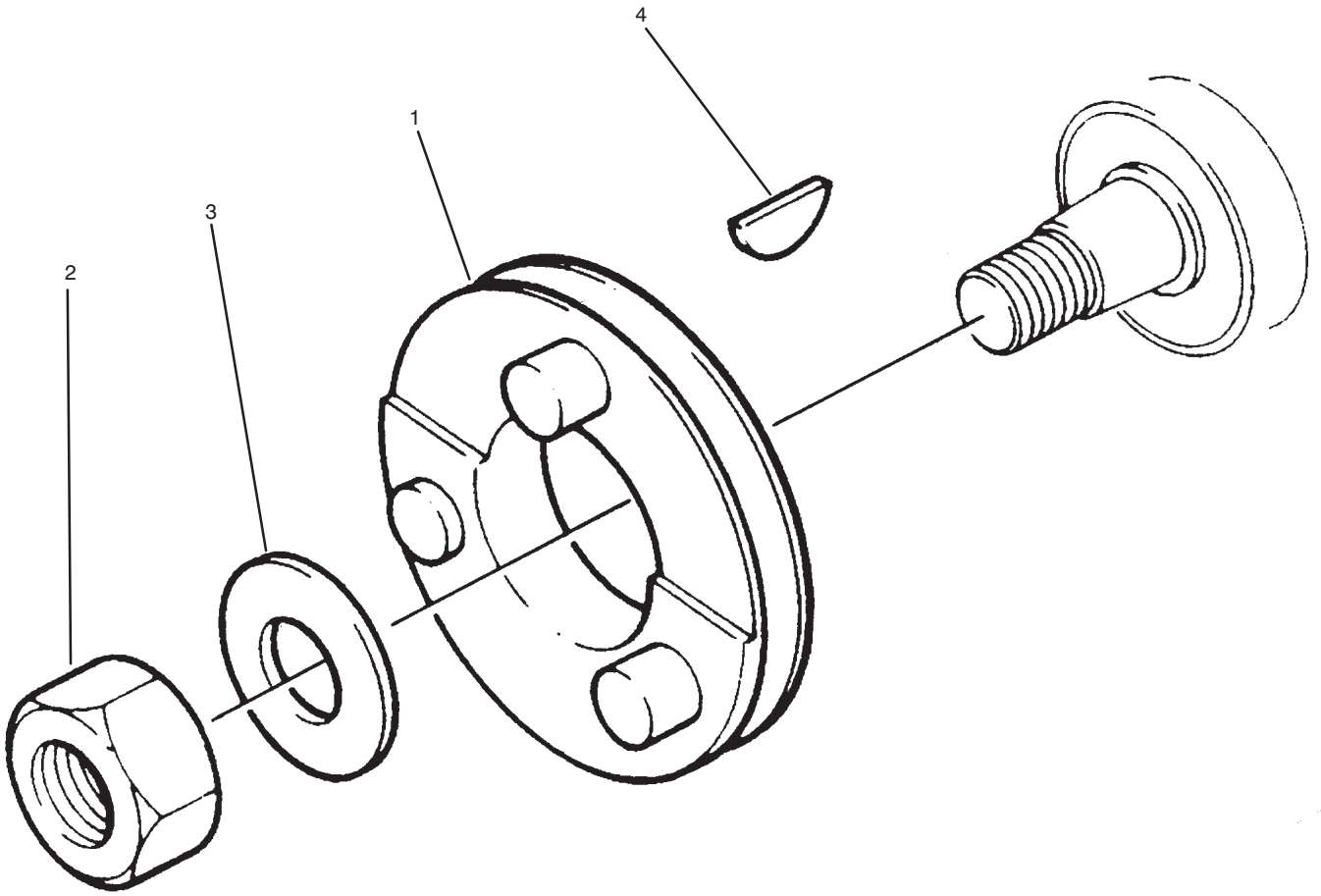


T–1392

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
5	198996060	Washer	2
6	198486780	Bolt	1
7	198996060	Washer	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



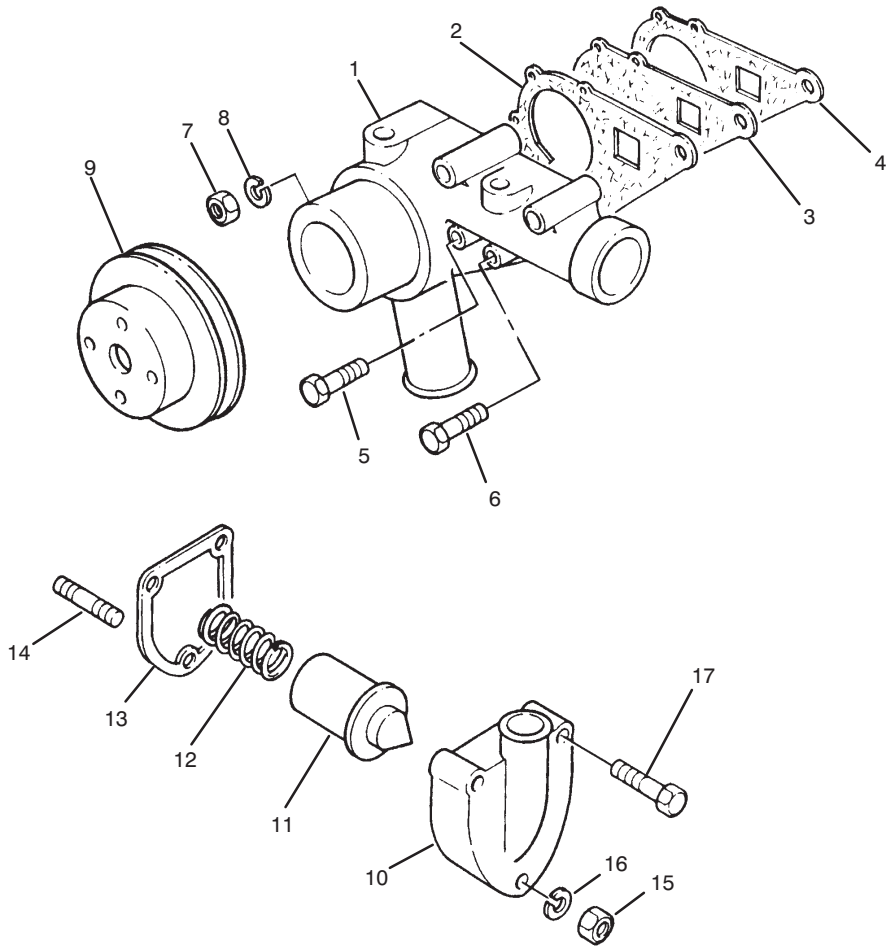
T–1393

FRONT DRIVE PULLY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	115397550	Pulley	1
2	020800018	Nut	1

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



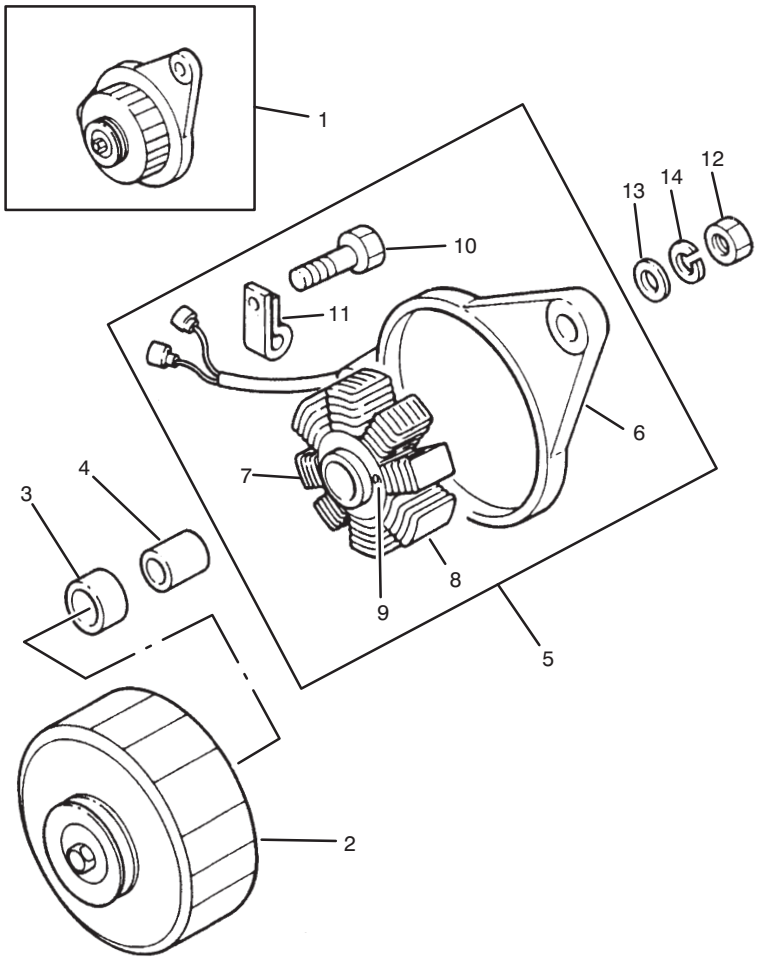
T–1394

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	145016840	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	145216160	Housing	1
11	145206061	Thermostat	1
12	198217090	Spring	1
13	145996440	Gasket	1
14	012100650	Stud	1
15	023100006	Nut	1
16	027100006	Washer	1
17	011300650	Screw	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



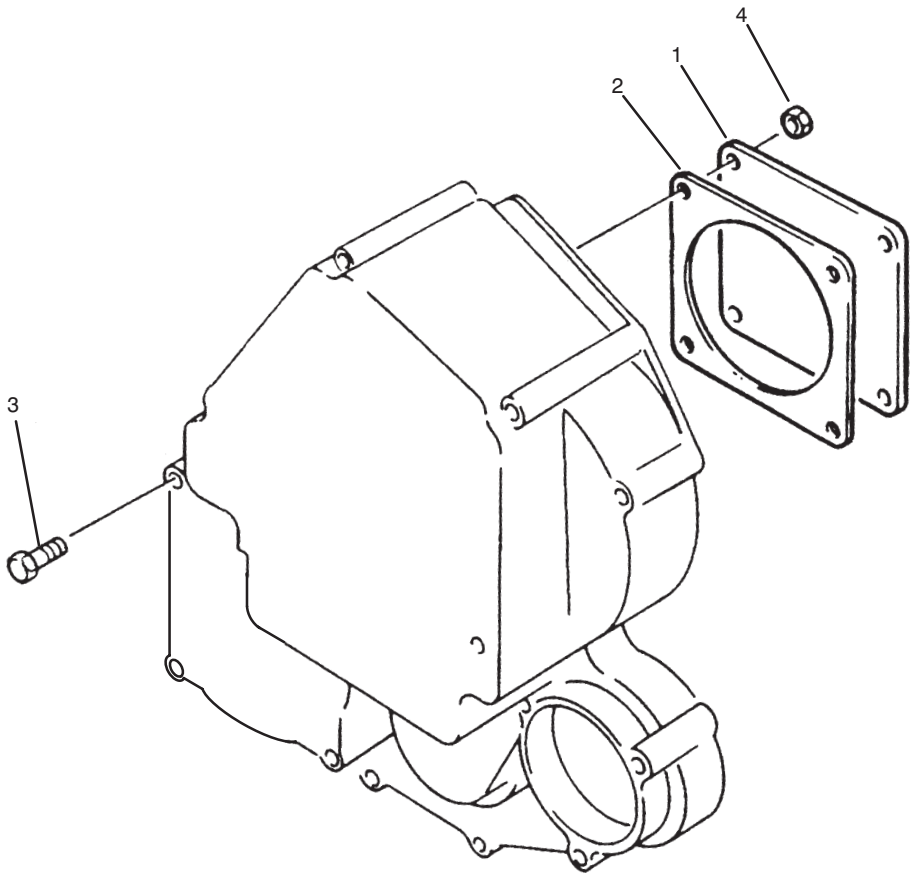
T–1397

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185046210	Alternator	1
2	185446219	Pulley	1
3	040126201	Bearing	1
4	199236510	Collar	1
5	185446217	Plate	1
6	185716200	Plate	1
7	040126201	Bearing	1

Ref. No.	Part No.	Description	No. Used
8	185426218	Stator	1
9	015140425	Screw	2
10	015140408	Screw	1
11	185446220	Clip	1
12	020210010	Nut	1
13	026100010	Washer	1
14	027100010	Washer	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



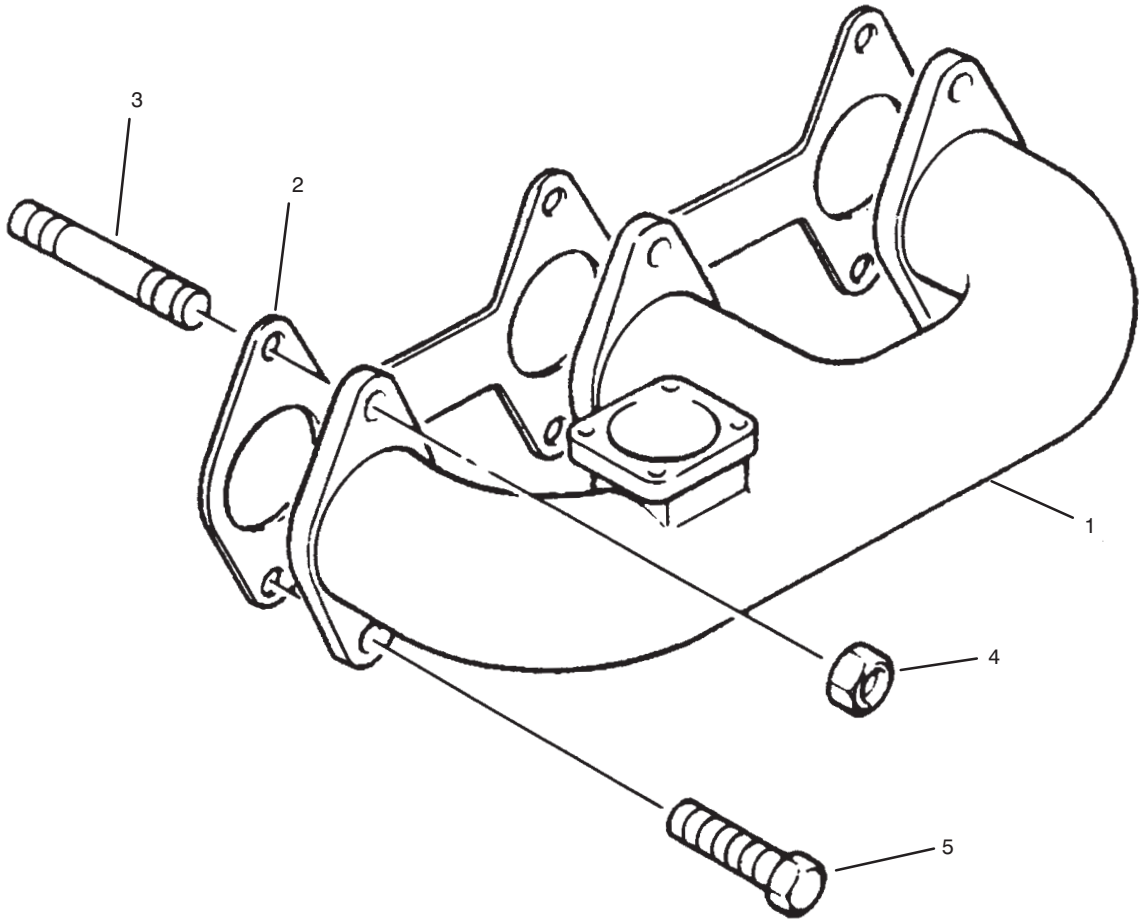
T–1398

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.

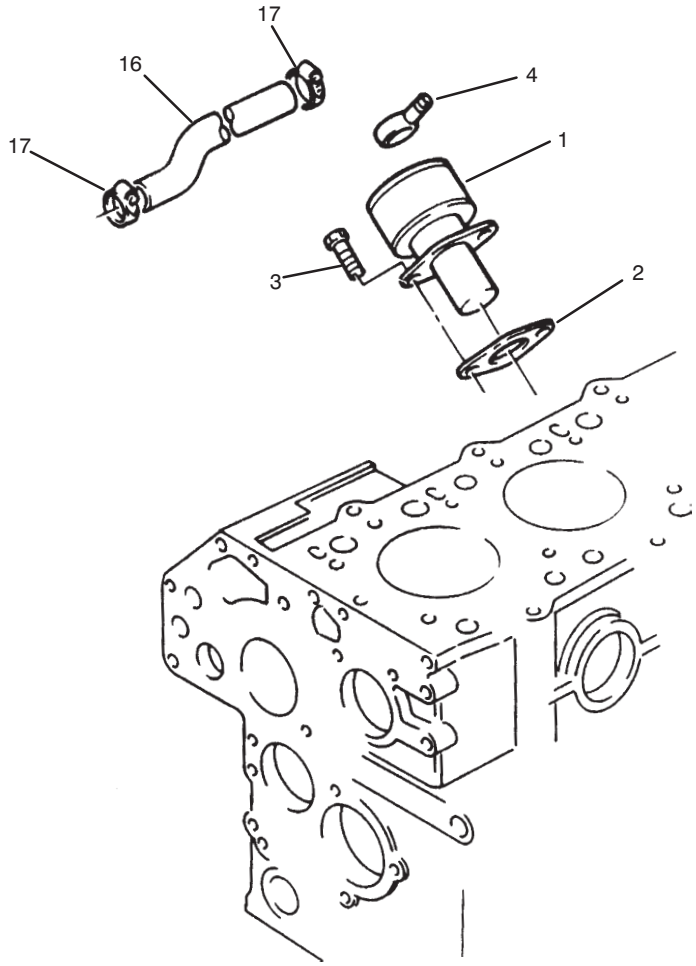


T–1399

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.



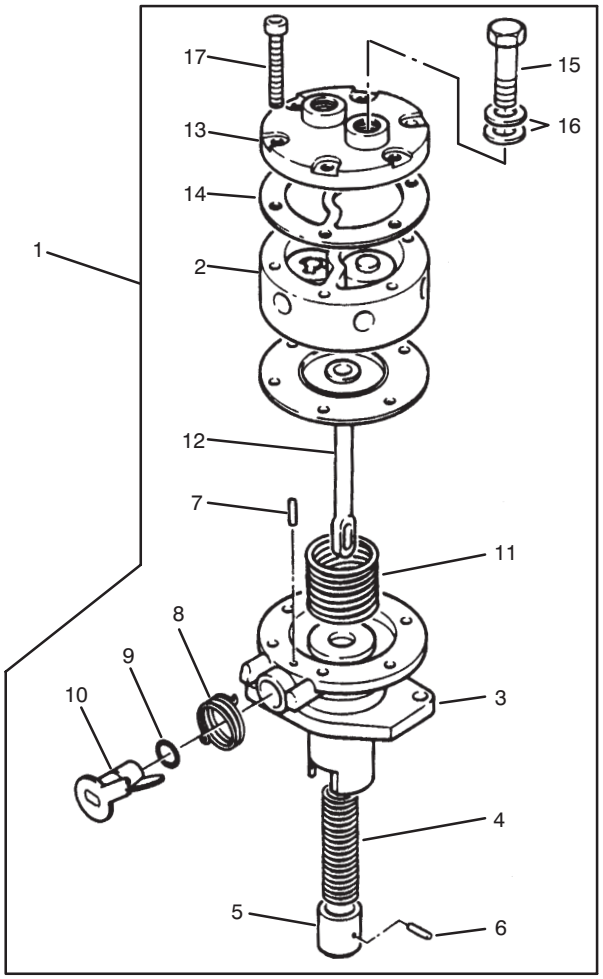
T–1400

LOW PRESSURE FUEL SYSYEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	130506140	Pump – Lift	1
2	130996070	Gasket	1
3	011140616	Screw	2

Ref. No.	Part No.	Description	No. Used
4	198486840	Connection	2
16	068209084	Hose	1
17	067100015	Clip	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



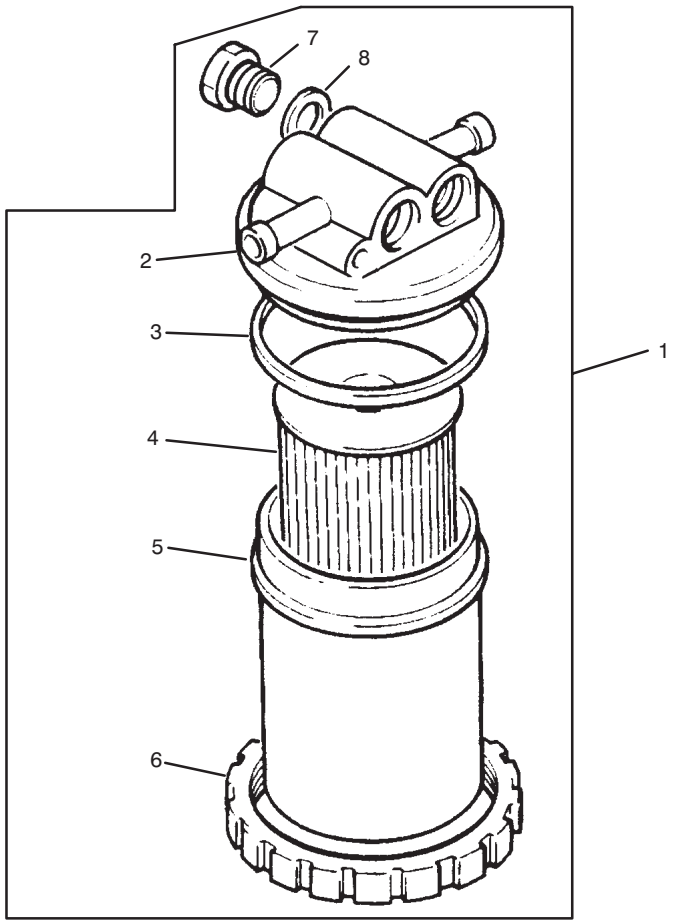
T−1401

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.

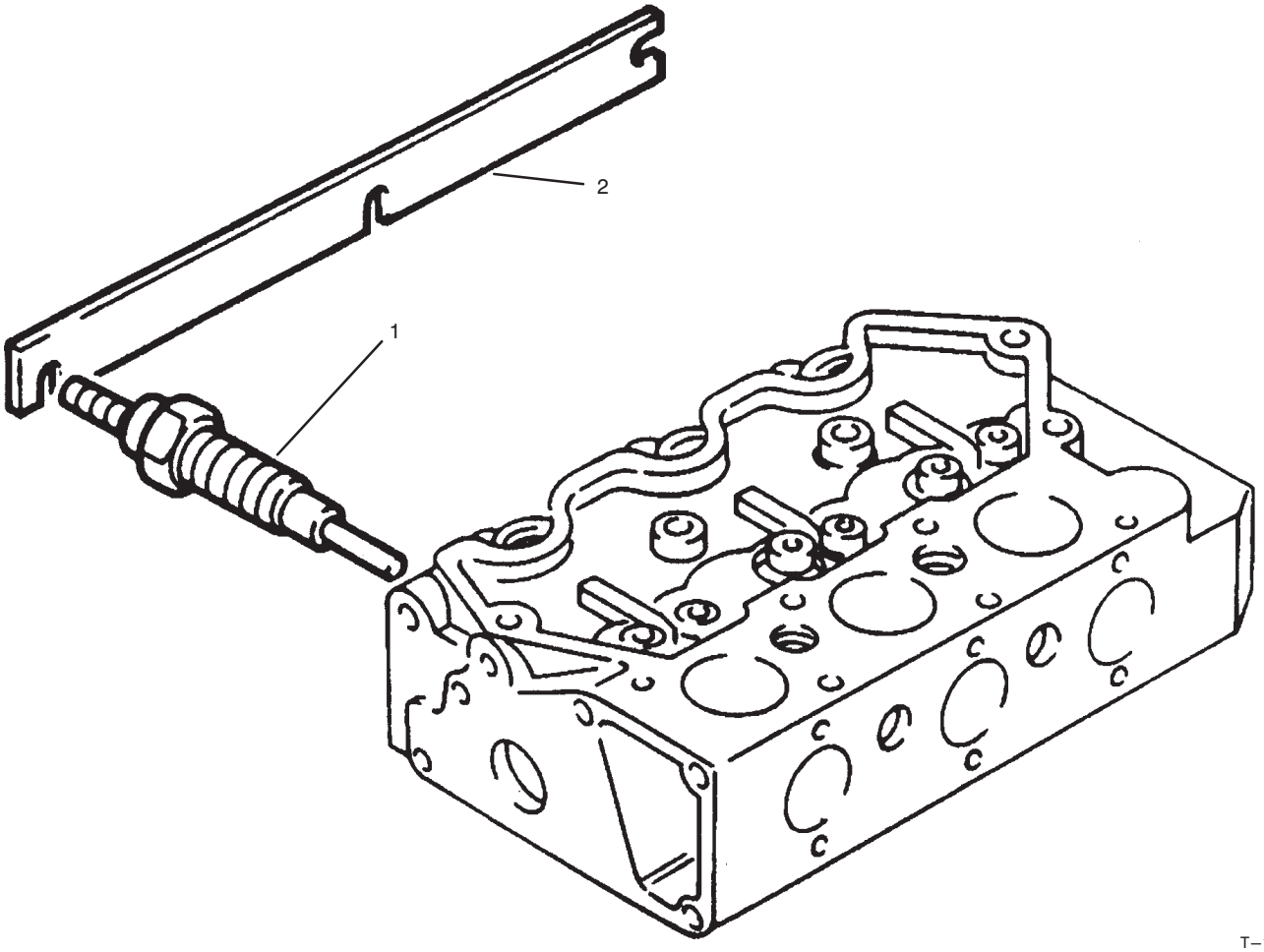


T–1402

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	130306041	Fuel Filter Assembly (Incl. Ref. #2)	1
2		Head	1
3	052100440	Seal – O–Ring	1
4	130366040	Element	1
5	130336031	Container	1
6	130446090	Seal – O–Ring	1
7	130446080	Plug	2
8	130326120	Washer	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



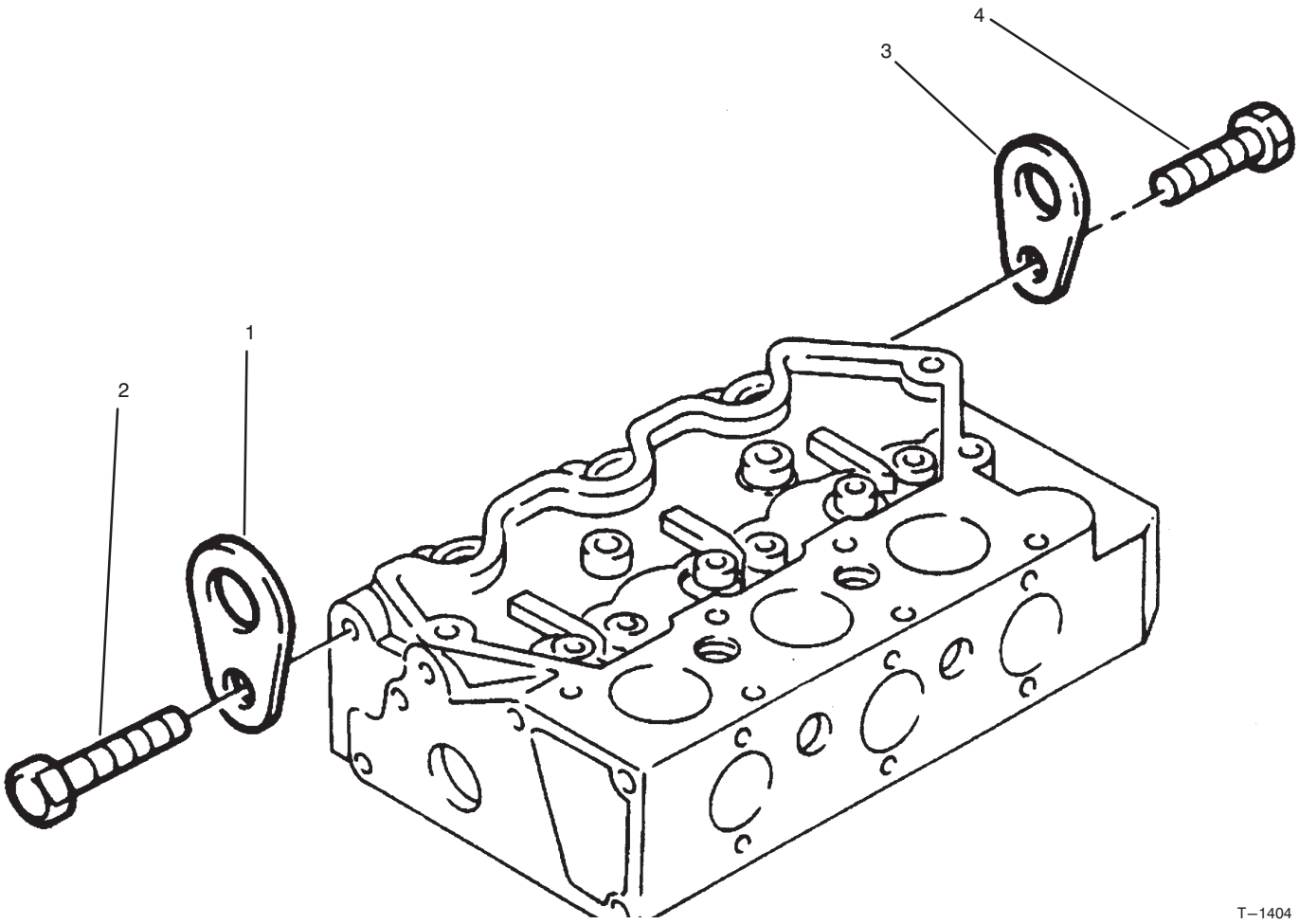
T–1403

COLD START SYSTEM ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



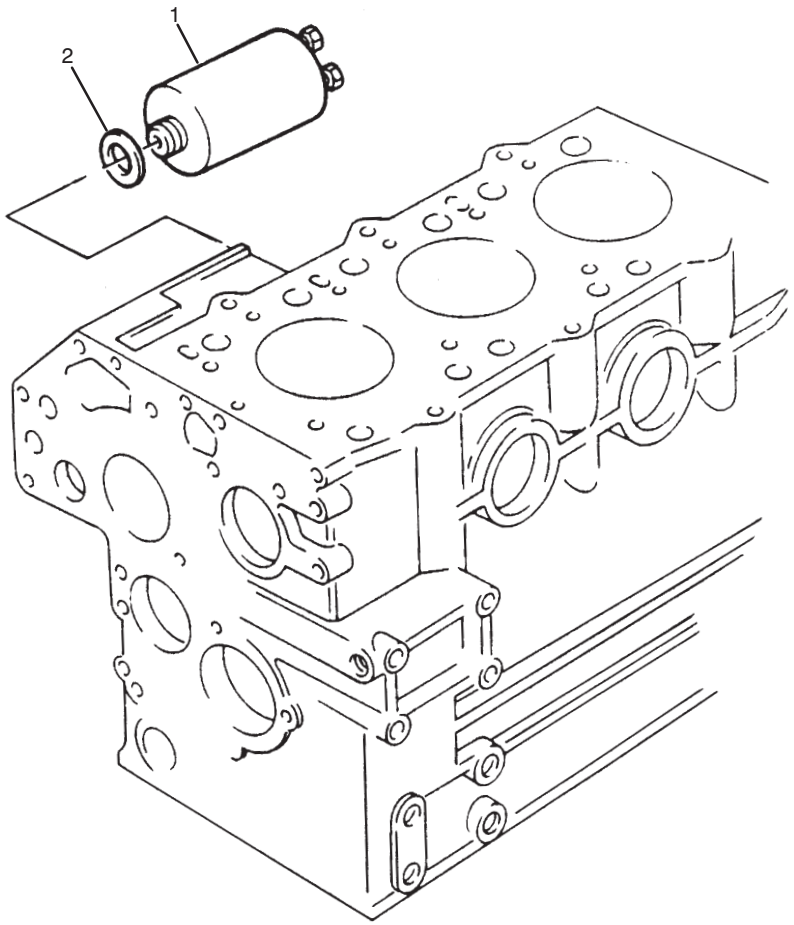
T–1404

ENGINE LIFTING TAB ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



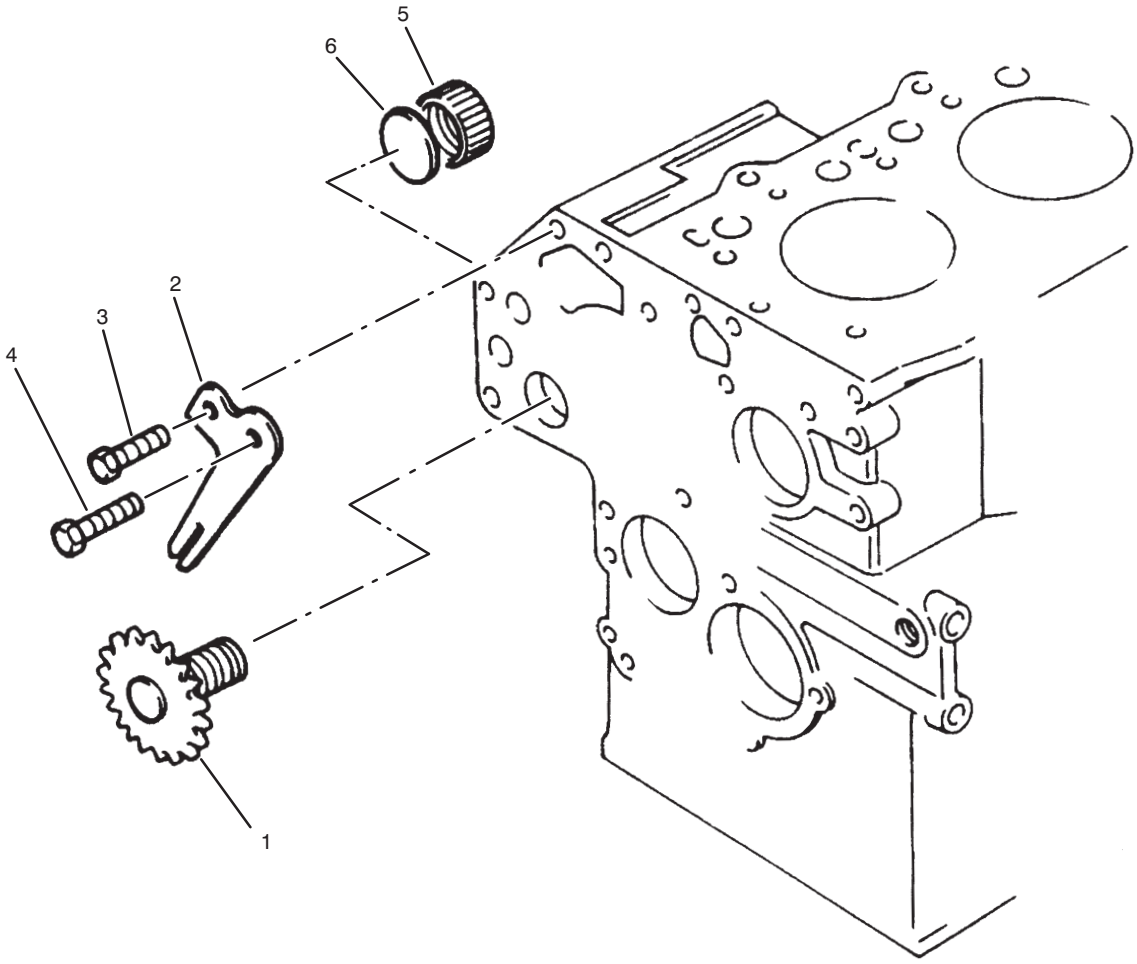
T–1405

THROTTLE STOP ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

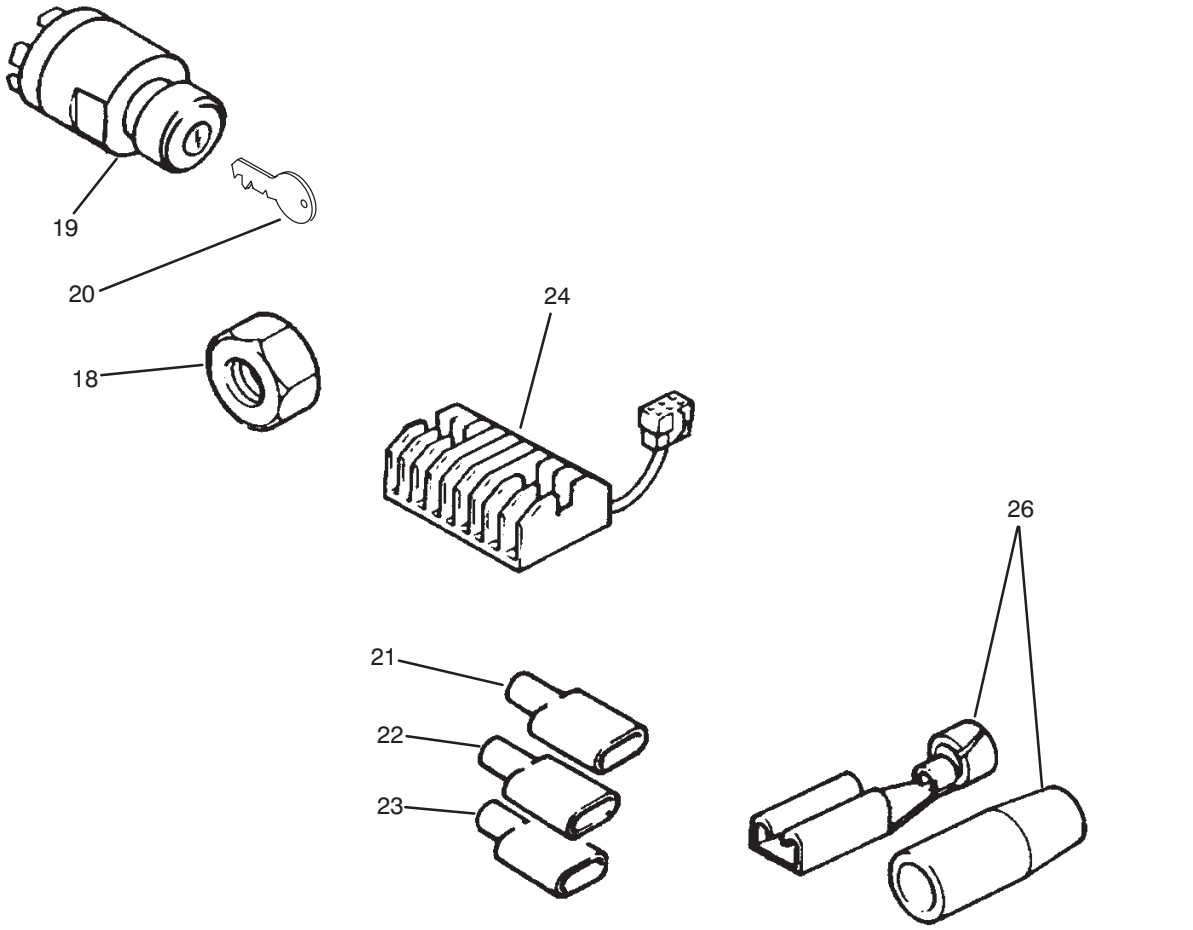


T–1406

RECORDER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	120076070	Shaft	1
2	199566651	Plate	1
3	011310612	Screw	1
4	010700610	Screw	1
5	199376230	Cap	1
6	120996060	Seal	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

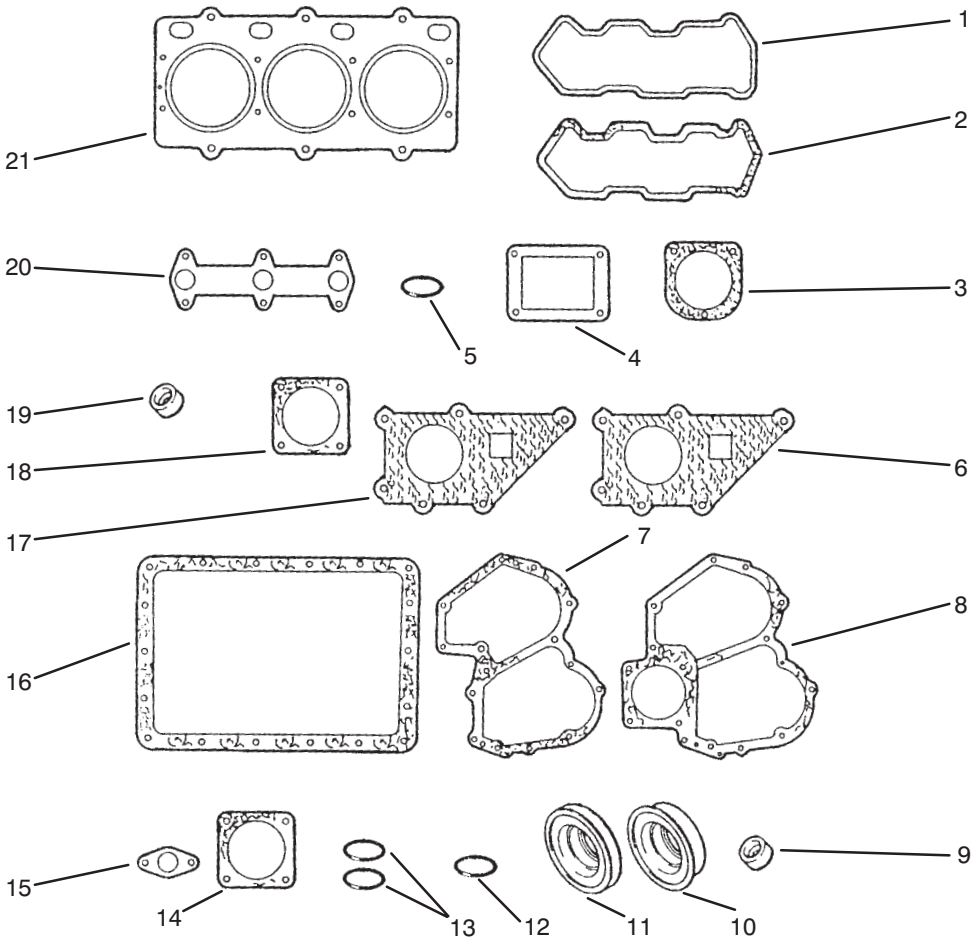


ELECTRICAL COMPONENT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
18	020100008	Nut	1
19	385201160	Switch	1
21	385620010	Connection	1
†20	385210060	Key	A/R

Ref. No.	Part No.	Description	No. Used
22	385620280	Connection	2
23	385620270	Connection	1
24	185516060	Regulator	1
26	385620200	Connection	2

NOTE: Obtain replacement parts from your local Perkins Dealer.
†Also available from Toro. Part No.85–5270.



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	111147100	Gasket	1
*	195906610	Kit – Gasket & Seals (Incl. Ref. #1–21)	1

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

INTERNATIONAL PARTS REFERENCE
KIT NO. 93–4448

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	INTERNATIOAL
Decal Control	Skirt Panel	92–3179	93–7270
Decal Starting FLuid	Control Panel	83–9150	93–7275
Decal Brake	Left Fender	84–1650	93–7267
Decal Warning	Fan Top Shroud	77–3100	93–7272
Decal Warning	Skirt Panel	83–9550	93–7271
Decal Danger	Hydraulic Tank Support	67–5360	93–7273
Decal Warning	Cutting Unit Top Shields	62–5070	93–8064
Decal Warning	Cutting Unit Lift Arms	55–4300	93–6696
Decal Service	Skirt Panel	83–8900	DANISH 84–7120 DUTCH 84–7130 ITALIAN 84–7170 SPANISH 84–7200 GERMAN 84–7160 FRENCH 84–7150 SWEDISH 84–7210 PORTUGESE 93–7279 NORWEGIAN 84–7190 FINNISH 84–7140 JAPANESE 84–7180

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3–0348	Bushing – Sleeve	29	8	4
3–0348	Bushing – Sleeve	30	17	2
3–6498	Washer	16	50	2
3–6498	Washer – Thrust	8	17	A/R
3–6692	Spring – Compression	11	24	1
5–0743	Spring – Extension	30	1	1
5–0743	Spring – Extension	29	23	2
5–2653	Cable Pulley Assembly	27	8	1
5–2655	Keeper – Cable	27	7	1
5–2656	Keeper – Cable	27	30	2
5–7280	Key – Square	22	1	3
5–7290	Spring – Extension	15	6	1
10–6821	Brake Drum Assembly	15	18	2
10–6870	Hub – Wheel	15	19	2
10–7070	Key – Square	22	13	1
12–9140	Decal	34	1	1
14–5759	Hood	1	2	1
16–1089	Lift Arm Assembly	30	29	1
16–1149	Top Shroud Assembly	9	5	1
16–1159	Lift Arm Assembly L.H.	29	9	1
16–1169	Lift Arm Assembly R.H.	29	*	1
18–2970	Clamp – R	30	21	1
20–0140	Rod End Assembly	32	5	1
21–0150	Rod End Assembly	8	15	1
22–8330	Plug	26	1	2
22–8340	Spring	26	3	2
22–8350	Ball	26	4	2
22–8360	Pin – Cam	26	6	2
22–8370	Seat – Check Valve	26	5	2
22–8380	Retainer – Spring	26	10	2
22–8410	Spring	26	11	1
22–8420	Spool	26	8	1
22–8480	Snap Ring – Spool	26	13	1
22–8490	Snap Ring	26	14	1
22–8500	Seal – O–Ring	26	9	2
23–2140	Hose – Fuel	33	23	1
23–3030	Spacer	26	12	1
24–0760	Cooler – Oil	9	20	1
25–2380	Plate – Thrust	12	39	1
25–2390	Plate – Valve	12	40	1
25–2400	Gasket	12	43	1
25–2430	Pin – Straight	12	41	1
25–2450	Swash/Plate	12	37	1
25–2460	Plug	12	14	2
25–2470	Kit – Shim Pack	12	16	2
25–2480	Spring – Charge Relief	12	32	1
25–2490	Ball – Check Valve	12	47	2
25–2510	Washer	12	11	2
25–2530	Pin – Straight	12	26	1
25–2570	Spring – Relief Valve	12	17	1
25–2630	Ring	12	3	1
25–2640	Spring – Check Valve	12	48	2
25–2650	Plug – Check Valve	12	49	2
25–2680	Gerotor Assembly	12	25	1
25–3180	Kit – Check Valve	13	*	1
25–3210	Seal – Lip	12	10	2
26–3790	Nut – Lock	15	23	2
27–9870	Pin – Seat	3	24	1
28–3670	Shaft – Trunion	12	28	1
28–6180	Pin	3	23	1
29–6120	Plate – Pump	14	5	1
29–6150	Spring – Leaf	14	9	1
29–6170	Spring – Extended Leaf	14	7	1
29–9080	Handle	34	3	1
29–9090	Hose – Handle	34	4	1
33–1300	Element Assembly	5	5	1
33–1310	Baffle	5	8	1
33–1320	Cup	5	9	1
33–1330	Nut Assembly	5	6	1
33–1340	Clamp Assembly	5	7	1
33–1350	Band Assembly	5	3	2
33–1350	Clamp Assembly	4	60	2
36–4310	Brush	34	5	1
36–7290	Spindle – Fan	20	49	1
37–9090	Belt – V	20	2	1
37–9590	Spring – Compression	3	22	1
42–9850	Washer	21	61	1
43–1950	Lift Valve Assembly	25	4	1
43–8600	Spring – Compression	3	28	1
43–8610	Guide – Spring	3	27	1
43–8620	Guide – Pin	3	30	1
43–8860	Plunger – Switch	3	29	1
43–8870	Boot – Switch	3	32	1
43–9071	Seat Switch Assembly	4	*	1
44–2212	Light Assembly	6	41	1
46–6811	Screw – Cap Hex. Hd.	23	5	2
46–8400	Bearing – Needle	12	42	1
46–8810	Stop – Spring	14	1	1
48–1800	Cylinder Block Kit	12	5	1
48–7700	Screw – Cap Hex. Hd.	20	14	6
48–7780	Screw – Cap Hex. Hd.	20	29	16
48–8010	Washer – Flat	20	41	4
48–9460	Screw – Cap Hex. Hd.	23	7	4
48–9460	Screw – Cap Hex. Hd.	20	8	14
48–9590	Washer – Lock	20	28	16
49–2040	Screw – Hex. Flange Hd.	14	25	3
49–2040	Screw – Hex. Flange Hd.	11	35	3
49–8480	Shaft – Trunion	12	12	1
49–8510	Kit – Charge Relief	13	*	1
49–8520	Kit – Implement Relief	13	*	1
51–3150	Shim – Spring	14	6	1
52–2861	Washer – Flat	11	23	1
54–0110	Element – Oil Filter	10	15	1
55–4300	Decal – Warning	29	10	2
55–4300	Decal – Warning	30	24	1
56–2230	Hose – Fuel	33	11	1
56–2520	Valve – Fuel Shut–Off	33	9	1
56–7977	Clamp – Hydraulic Tube	18	7	2
56–9510	Bushing Assembly	31	10	2
56–9520	Bushing – Nyliner	31	16	1
57–5420	Screw – Shoulder	10	5	1
57–6390	Nut	21	60	1
59–2150	Taper Lock Bushing Assy.	11	20	1
61–0140	Pulley – Reel	22	4	3
61–1960	Axle – Wheel	32	7	1
61–2070	Rod – Steering	8	13	1
61–2070	Rod – Steering	32	18	1
61–2090	Steering Column Assembly	8	8	1
61–2370	Spacer	14	16	2
61–2430	Hub – Lift	27	45	1
61–2610	Arm – Traction	14	14	1
61–2790	Screen – Filler	10	8	1
61–3210	Cable Pulley Assembly	27	22	3
61–3230	Spacer	27	24	3
61–3270	Spring – Compression	29	7	2
61–3330	Pulley	11	16	1
61–3380	Belt – Reel Drive	22	42	3
61–3830	Chain – Lift	27	33	2
61–3990	Parking Brake Assembly	15	5	1
61–7250	Boot	29	6	4
62–4290	O–Ring	12	44	2
62–7170	Spacer	3	43	1
62–7240	Cover – Spring	30	2	1
62–7250	Boot	30	18	2
62–7300	Chain	30	3	1
62–7400	Decal – TORO	1	1	1
62–9130	Grip – Handle	2	9	1
62–9510	Washer – Flat	20	50	1
63–1400	Guide – Cable	27	28	1
63–7620	Hose – Fuel	33	5	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
63–7620	Hose – Fuel	20	18	1
63–8140	Pulley – Idler	20	3	1
63–8410	Washer – Flat	10	10	3
63–8410	Washer – Flat	33	17	3
65–4500	Seal – Snap Ring	17	14	1
65–4550	Valve – Check Ball	17	6	2
65–4560	Plug – Hex (Hollow)	17	3	1
65–4570	Seal – Square Ring	17	4	2
65–4580	Screw – Cap Hex Hd.	17	1	8
65–4590	Ring – Snap	17	21	1
65–4600	Washer – Thrust	17	19	2
65–4610	Bearing – Thrust	17	20	1
65–4620	Seal – O–Ring	17	12	1
65–4670	Body & Bearing Assembly	17	9	1
65–4680	Cover & Bearing Assembly	17	2	1
65–8270	Washer	20	57	1
65–8320	Bar – Height–Of–Cut	34	1	1
66–2920	Spacer	14	36	1
66–3240	Cap – Radiator	9	9	1
66–5291	Hydraulic Motor Assembly	15	30	2
66–6110	IGR Assembly	17	5	1
67–0870	Bolt – Shoulder	2	6	1
67–5360	Decal – Danger	4	57	1
67–8020	Shaft – Pump	12	6	1
67–8030	Plug Assembly	12	19	2
67–8040	O–Ring	12	20	2
67–8050	Bearing – Needle	12	22	1
67–8060	Seal – Lip	12	23	1
68–4210	Spacer – Wheel	32	8	2
68–8990	Head – Oil Filter	10	19	1
69–1170	Glass – Sight	10	2	1
70–1480	Relay	6	33	1
70–1480	Relay	3	39	1
70–8150	Plate – Valve	17	7	1
70–9840	Shoe – Brake	15	16	4
70–9850	Clip – Retaining	15	35	2
70–9860	Pin – Pivot Brake	15	25	2
70–9870	Plate – Brake	15	27	2
70–9880	Spring – Extension	15	17	4
71–1370	Spring – Compression	27	35	1
71–1380	Pin – Spring	27	34	1
71–1500	Brake Assembly	16	*	2
71–3382	Hose – Overflow	9	11	1
72–4190	Pin – Cylinder Guide	27	12	1
72–4320	Switch – Seat	3	25	1
74–0720	Tube – Manual	3	14	1
74–6110	Cam – Stop	14	35	1
74–9100	Pad – Forward	14	11	1
74–9110	Pad – Reverse	14	13	1
75–0540	Retainer	10	4	1
75–2160	Bushing – Flange	8	2	2
75–4703	Hose – Fuel	33	15	1
75–4703	Hose – Fuel	20	25	1
75–6820	Hourmeter	6	3	1
75–7730	Spacer	32	2	1
76–0020	Hydraulic Cylinder Assembly	27	37	1
76–0030	Repair Kit	28	*	1
76–0040	Piston	28	8	1
76–0050	Ring – Retaining	28	12	1
76–0090	Head	28	3	1
76–0300	Housing – Bushing	31	12	1
76–0350	Housing – Bushing	31	2	1
76–0360	Cup – Retainer	31	6	1
76–0370	Bolt – Shoulder	30	12	2
76–0370	Bolt – Shoulder	29	27	2
76–0390	Spacer	31	15	1
76–0410	Spring – Compression	31	7	1
76–1420	Wheel – Steering	8	10	1
76–2200	Footrest – Traction	2	12	1
76–2260	Pad – Footrest	2	11	1
76–2320	Shaft	28	4	1
76–2330	Nut – Lock	28	5	1
76–2350	Seal/Retainer Assembly	17	*	1
76–2360	Body Seal Kit	17	*	1
76–2430	Scraper – Pulley	29	2	2
76–2460	Bearing Assembly	22	7	2
76–6471	Trim – Control Panel Bottom	3	41	1
77–3100	Decal – Warning	9	4	1
80–6980	Latch – Hood	6	12	1
80–6990	Washer	27	18	5
80–7345	Hose	6	29	1
81–1690	Clamp – Throttle Cable	20	21	1
82–3110	Sensor – Temp	20	16	1
83–7260	Cone – Relief Valve	12	18	2
83–7340	Fork – Caster	32	6	1
83–7550	Radiator Assembly	9	35	1
83–7590	Pulley – Engine	20	55	1
83–7610	Hub – Fan	20	44	1
83–7630	Pulley – Fan	20	43	1
83–7690	Bracket – Idler	20	5	1
83–7700	Bracket – Alternator	20	34	1
83–7720	Reservoir – Hydraulic	10	1	1
83–7780	Bracket – Support	10	24	1
83–7790	Collar	22	11	2
83–7800	Sleeve	22	40	1
83–7810	Spacer	22	35	2
83–7820	Shaft – Drive	22	2	1
83–7830	Retainer – Clutch	22	15	1
83–7850	Shroud – Fan Bottom	9	32	1
83–7900	Belt Tensioner Assembly	30	11	2
83–7900	Belt Tensioner Assembly	29	20	2
83–7910	Rod	31	8	1
83–7930	Yoke	31	3	1
83–7970	Fitting – Hydraulic Bulkhead	9	39	2
83–7980	Bracket – Radiator Rear	9	12	1
83–8040	Cover – Left	9	8	1
83–8070	Bracket – Radiator Bottom	9	18	1
83–8080	Key – Square	22	38	1
83–8110	Panel – Left	3	45	1
83–8120	Panel – Right Rear	3	4	1
83–8150	Screen – Radiator	9	17	1
83–8190	Panel – Control	3	5	1
83–8210	Panel – Front Left	9	22	1
83–8220	Bracket – Muffler	23	11	1
83–8230	Panel – Right Front	3	2	1
83–8270	Pedal – Traction	14	12	1
83–8320	Mount – Pump	11	11	1
83–8400	Pulley – Idler	22	20	1
83–8470	Bracket – Engine Mount	20	56	2
83–8510	Bracket – Fender L.H.	1	16	1
83–8550	Hose – Air Cleaner	3	49	1
83–8550	Hose – Air Intake	20	13	1
83–8590	Cable – Lift	27	19	1
83–8620	Bracket – Idler	22	18	1
83–8630	Yoke – Belt Tension	22	22	1
83–8720	Tank – Fuel	33	13	1
83–8760	Rod – Control	14	20	1
83–8770	Lever – Pump	14	23	1
83–8850	Grille – Front	1	25	1
83–8860	Shield – Grass Front R.H.	1	23	1
83–8890	Decal – Reelmaster 216–D	3	19	2
83–8900	Decal – Service Information	3	50	1
83–9000	Battery	33	6	1
83–9020	Belt – V	20	38	1
83–9030	Foam – Top	9	36	1
83–9050	Hose – Radiator	9	34	1
83–9060	Hose – Radiator	9	28	1
83–9070	Hose – Coolant	20	11	1
83–9070	Hose – Radiator	9	31	1
83–9080	Connector – Bleed	9	30	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
83–9130	Keeper – Cable	27	27	1
83–9140	Clutch Assembly	22	39	1
83–9150	Decal – Starting Fluid	3	10	1
83–9170	Right Channel Assembly	3	44	1
83–9210	Cable – Battery Neg.	33	8	1
83–9210	Cable – Ground	20	31	1
83–9220	Cable – Battery Pos.	33	7	1
83–9220	Cable – Battery Pos.	21	66	1
83–9240	Hold–Down – Battery	33	21	1
83–9250	Lever – Brake	15	36	2
83–9270	Pivot – Brake L.H.	15	40	1
83–9310	Pivot – Brake R.H.	15	*	1
83–9330	Shaft – Brake	15	41	1
83–9340	Shield – Grass	15	13	2
83–9350	Rod – Parking Brake	15	1	1
83–9440	Hydraulic Tube Assembly	18	2	1
83–9450	Tube – Hydraulic	18	10	1
83–9470	Hydraulic Tube Assembly	18	1	1
83–9480	Tube – Hydraulic	18	8	1
83–9550	Decal – Warning	3	11	1
83–9600	Hose – Hydraulic	11	7	2
83–9600	Hose – Hydraulic	18	13	2
83–9610	Hose – Hydraulic	25	12	1
83–9620	Hose – Hydraulic	27	42	1
83–9640	Hose – Hydraulic	25	14	1
83–9640	Hose – Hydraulic	11	27	1
83–9650	Hose – Hydraulic	11	1	1
83–9650	Hose – Hydraulic	10	21	1
83–9651	Hose – Hydraulic	10	14	1
83–9680	Screw – Cap Hex. Hd.	22	27	1
83–9690	Spring – Compression	22	26	1
83–9700	Fender – L.H.	1	9	1
83–9710	Footrest – L.H.	1	7	1
83–9720	Fender – RH	2	17	1
83–9730	Step – Foot	3	36	1
83–9740	Footrest – RH	2	15	1
83–9760	Bracket – Cylinder Support	27	1	1
83–9800	Shield – Grass Front L.H.	1	14	1
83–9810	Bushing – Flange	22	24	1
83–9840	Pad – Footrest L.H.	1	5	1
83–9880	Bracket – Fan Spindle	20	47	1
83–9920	Bracket – Reservoir	10	13	1
83–9970	Latch – Hood	1	3	1
84–1650	Decal – Brake	1	12	1
84–1990	Rod – Adjusting	15	32	2
84–2000	Bracket – Brake	15	29	2
84–7770	Field & Rotor Assembly	24	1	1
84–7780	Armature Assembly	24	2	1
84–8440	Bushing – Flange	27	11	2
85–4870	Support – Hinge	1	20	1
85–4890	Hinge – Hood	1	24	1
85–4910	Air Cleaner (Complete)	5	*	1
85–4910	Air Cleaner Assembly	3	47	1
85–4990	Hose – Hydraulic	25	13	1
85–4990	Hose – Hydraulic	25	20	1
85–4990	Hose – Hydraulic	27	41	1
85–5000	Plate – Throttle	6	34	1
85–5010	Bracket – Right Front	3	54	1
85–5140	Foam – Hood	4	54	2
85–5160	Lever – Lift Valve	25	2	1
85–5170	Sleeve	9	41	1
85–5180	Trim	3	51	2
85–5230	Bracket – Seat Pivot	4	62	2
85–5270	Key – Starter	6	18	2
85–5330	Plate – Seat Mounting	4	64	1
85–5340	Tube – Seat Pivot	3	7	2
85–6540	Stud – Drive	15	26	8
87–6270	Socket – Warning Light	6	5	1
88–6720	Bracket – Radiator Front	9	33	1
88–6730	Bracket – Screen Front	9	44	1
88–8220	Valve – By–Pass	12	4	1
92–1157	Shaft	17	10	1
92–1177	Hose – Hydraulic	25	8	1
92–1177	Hose – Hydraulic	9	27	1
92–1177	Hose – Hydraulic	21	67	1
92–1178	Hose – Hydraulic	11	9	1
92–1178	Hose – Hydraulic	10	27	1
92–1583	Hose – Hydraulic	9	24	1
92–1583	Hose – Hydraulic	11	28	1
92–1812	Shaft – Lift Pivot	29	28	2
92–1812	Shaft – Lift Pivot	30	31	1
92–1815	Rod – Pivot	29	16	2
92–1815	Rod – Pivot	30	26	1
92–1818	Arm – Tension	30	7	1
92–1818	Arm – Tension	29	32	2
92–1822	Shackle	29	24	2
92–1822	Shackle	30	34	1
92–2368	Knob – Clamp	9	46	2
92–2373	Frame	8	19	1
92–3153	Cable – Throttle	21	64	1
92–3153	Throttle Assembly	6	30	1
92–3154	Tab – Throttle	21	62	1
92–3162	Bushing – Flange	8	4	4
92–3165	Steering Shaft & Gear	8	5	1
92–3172	Gear – Steering	8	16	1
92–3181	Spacer – Fan	20	42	1
92–3182	Panel – Skirt	3	12	1
92–3185	Support – Bearing	22	6	2
92–3186	Belt – Pump Drive	11	21	1
92–3187	Belt – Drive (Set of 3)	22	37	1
92–3194	Switch Assembly	6	24	1
92–3195	Knob	6	23	1
92–3198	Pulley – Engine	20	48	1
92–3199	Pulley – Clutch	22	36	1
92–7905	Switch Assembly	27	3	1
92–7905	Switch Assembly	14	28	1
92–7906	Switch	27	21	1
92–7906	Switch	14	37	1
92–7917	Clevis	11	25	1
92–7918	Bracket – Lever	2	20	1
92–7921	Rod – Link	2	2	1
92–7922	Plate – Pump Pivot	11	33	1
92–7923	Lever – Pump Clutch	2	8	1
92–7924	Retainer – Belt	11	13	1
92–7940	Housing – Charge Pump	12	21	1
92–8776	Plug Assembly	13	52	2
92–8777	Seal – O–Ring	12	51	2
92–9023	Hydraulic Pump Assembly	12	8	1
92–9023	Hydraulic Pump Assembly	11	31	1
92–9775	Warning Light Assembly	6	7	1
92–9776	Muffler	23	12	1
92–9796	Block – Support	23	15	1
92–9797	Spring – Extension	23	4	2
92–9798	Bolt – U	23	1	1
92–9799	Tube – Muffler	23	3	1
93–0100	Bracket – Exhaust	2	23	1
93–0151	Bracket – Tube Support	23	13	1
93–0152	Guard – Exhaust Pipe	23	2	1
93–0153	Bolt – U	29	3	1
93–0160	Guard – Pulley	29	4	1
93–0166	Tire	32	13	1
93–3102	Cap – Fuel Tank	33	12	1
93–3103	Cap – Hydraulic Reservoir	10	7	1
93–4406	Harness – Wire	21	65	1
93–4410	Fuse – 25 Amp (Slo–Blo)	5	44	1
93–4411	Temperature Gauge Assy.	6	17	1
93–4412	Panel – Instrument	6	1	1
93–4413	Decal – Instrument Panel	6	2	1
217–60	Rim	15	21	2
218–461	Nut – Hex.	3	33	2

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
218–469	Fuse – 15 Amp.	6	10	2
218–489	Fuse Holder Assembly	6	9	3
218–562	Lens – Light	6	43	1
219–17	Bulb – Light	6	6	4
219–18	Bulb – Light	6	42	1
231–127	Tire	15	20	2
232–27	Valve – Stem	15	24	2
232–47	Valve – Stem	32	12	1
233–37	Knob	25	1	1
237–7	Seal – O–Ring	3	31	1
237–21	Seal – O–Ring	25	18	2
237–21	Seal – O–Ring	16	47	3
237–22	O–Ring	12	2	1
237–22	Seal – O–Ring	25	7	4
237–22	Seal – O–Ring	27	40	2
237–30	Seal – O–Ring	18	3	4
237–30	Seal – O–Ring	11	6	5
237–30	Seal – O–Ring	15	7	2
237–30	Seal – O–Ring	3	26	1
237–30	Seal – O–Ring	9	38	2
237–37	Bumper – Rubber	3	6	2
237–42	Seal – O–Ring	26	2	2
237–42	Seal – O–Ring	25	5	1
237–42	Seal – O–Ring	11	30	2
237–42	Seal – O–Ring	27	38	2
237–65	Seal – O–Ring	18	11	2
237–65	Seal – O–Ring	15	44	2
237–71	Seal – O–Ring	3	42	1
237–78	Seal – O–Ring	25	10	2
237–78	Seal – O–Ring	18	16	2
237–78	Seal – O–Ring	16	46	2
237–79	Seal – O–Ring	11	4	4
237–79	Seal – O–Ring	10	18	1
237–80	Seal – O–Ring	15	9	4
237–81	Seal – O–Ring	10	3	4
237–86	O–Ring	12	15	4
237–95	O–Ring	12	27	1
240–11	Grommet	10	9	3
240–11	Grommet	33	16	3
240–13	Bumper	22	16	2
241–129	Rim	32	11	1
241–130	Spacer – Bearing	32	10	1
242–50	Nut – Lug	15	22	8
2410–18	Plug	34	2	1
2411–52	End – Rod	14	17	1
2411–53	End – Rod	14	22	1
2412–34	Clamp – Hose	11	2	1
2412–34	Clamp – Hose	20	10	1
2412–34	Clamp – Hose	9	29	5
2412–36	Clamp – Hose	33	10	2
2412–36	Clamp – Hose	10	26	1
2412–39	Clamp – R	3	17	3
2412–39	Clamp – R	20	35	2
2412–41	Clamp – R	9	15	1
2412–74	Clamp – R	9	3	1
2412–92	Clamp – Hose	20	12	1
2412–92	Clamp – Hose	3	48	1
2412–93	Clamp – R	20	15	1
2412–108	Clamp – Hose	33	4	4
2412–108	Clamp – Hose	9	10	1
2412–108	Clamp – Hose	20	17	2
2412–133	Clamp – R	3	16	2
251–8	Bearing – Ball	12	35	1
251–77	Collar – Locking	22	9	2
251–259	Bearing – Ball	14	31	1
251–321	Bearing – Wheel	32	9	2
251–337	Bearing – Ball	22	8	2
252–82	Bearing – Needle	12	9	2
256–1	Bushing – Sleeve	27	23	3
256–2	Bushing – Sleeve	27	44	1
256–27	Bushing – Sleeve	8	6	2
256–115	Washer – Thrust	29	13	2
256–115	Washer – Thrust	30	25	1
256–173	Bushing – Sleeve	31	11	1
256–245	Bushing – Flange	8	18	2
256–247	Bushing – Flange	8	1	2
256–320	Bushing	1	21	2
256–321	Bushing – Sleeve	4	59	4
2710–16	Connecting Link Assembly	25	3	1
281–1	Plug – Pipe	9	37	2
281–7	Plug – Pipe	9	1	1
282–2	Clevis	2	4	1
282–2	Clevis	15	34	2
282–4	Clevis	30	5	1
282–4	Clevis	27	31	4
283–1	Pin – Clevis	2	5	1
283–1	Pin – Clevis	30	20	1
283–1	Pin – Clevis	15	37	2
283–2	Pin – Clevis	11	26	1
283–6	Pin – Clevis	30	6	1
283–6	Pin – Clevis	27	14	4
283–40	Pin – Clevis	30	14	2
283–40	Pin – Clevis	29	35	1
283–42	Pin – Clevis	27	9	1
283–55	Pin – Clevis	31	5	1
283–62	Pin – Clevis	20	19	1
283–75	Pin – Clevis	29	25	4
283–75	Pin – Clevis	30	32	2
283–78	Pin – Clevis	27	36	1
285–17	Plug – Pipe	12	1	6
302–5	Fitting – Grease	32	3	2
302–5	Fitting – Grease	8	3	4
302–5	Fitting – Grease	31	14	1
302–5	Fitting – Grease	22	33	2
302–60	Fitting – Grease	29	17	2
302–60	Fitting – Grease	30	30	1
321–4	Screw – Cap Hex. Hd.	4	67	3
321–5	Screw – Cap Hex. Hd.	15	15	8
321–6	Screw – Cap Hex. Hd.	14	10	2
321–8	Screw – Cap Hex. Hd.	3	52	2
321–11	Screw – Cap Hex. Hd.	4	61	2
321–12	Screw – Cap Hex. Hd.	33	2	1
321–13	Screw – Cap Hex. Hd.	11	18	3
321–23	Screw – Cap Hex. Hd.	25	16	2
321–23	Screw – Cap Hex. Hd.	20	40	4
322–4	Screw – Cap Hex. Hd.	29	11	2
322–4	Screw – Cap Hex. Hd.	30	23	1
322–4	Screw – Cap Hex. Hd.	12	24	4
322–7	Screw – Cap Hex. Hd.	20	37	2
322–9	Screw – Cap Hex. Hd.	18	5	1
322–9	Screw – Cap Hex. Hd.	14	18	2
322–12	Screw – Cap Hex. Hd.	8	11	1
322–17	Screw – Cap Hex. Hd.	15	2	1
322–17	Screw – Cap Hex. Hd.	14	8	1
322–17	Screw – Cap Hex. Hd.	22	31	9
322–26	Screw – Cap Hex. Hd.	30	36	1
323–5	Screw – Cap Hex. Hd.	10	11	3
323–5	Screw – Cap Hex. Hd.	33	18	3
323–6	Screw – Cap Hex. Hd.	9	47	4
323–7	Screw – Cap Hex. Hd.	30	8	1
323–7	Screw – Cap Hex. Hd.	29	31	2
323–11	Screw – Cap Hex. Hd.	12	46	4
323–13	Screw – Cap Hex. Hd.	27	46	1
323–15	Screw – Cap Hex. Hd.	22	19	1
323–23	Screw – Cap Hex. Hd.	27	20	2
325–6	Screw – Cap Hex. Hd.	32	1	1
325–8	Screw – Cap Hex. Hd.	11	38	1
325–9	Screw – Cap Hex. Hd.	11	15	1
325–9	Screw – Cap Hex. Hd.	29	18	1
325–11	Screw – Cap Hex. Hd.	15	28	8

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
325–18	Screw – Cap Hex. Hd.	11	36	1
3210–7	Screw – Cap Hex. Hd.	14	30	1
3212–34	Clamp – Hose	10	16	3
3217–6	Nut – Hex.	1	17	4
3217–26	Nut – Hex.	6	38	1
3217–29	Nut – Lock	14	3	2
3218–6	Nut – Jam	31	9	1
3218–17	Nut – Jam	22	12	1
3218–19	Nut – Hex.	6	22	2
3219–14	Nut – Hex.	34	3	1
3219–14	Nut – Hex.	6	14	6
3220–2	Nut – Jam	2	3	1
3220–2	Nut – Jam	14	19	2
3220–2	Nut – Jam	15	33	2
3220–3	Nut – Jam	8	12	2
3220–3	Nut – Jam	32	15	2
3220–5	Nut – Jam	8	14	1
3220–12	Nut – Jam	32	19	1
3220–20	Nut – Jam	14	21	1
3229–1	Bolt – Carriage	29	1	2
3229–1	Screw – Carriage	2	10	2
3229–22	Bolt – Carriage	4	63	2
3230–1	Screw – Carriage	33	19	2
3230–1	Screw – Carriage	20	33	1
3230–2	Bolt – Carriage	4	65	2
3230–22	Screw – Carriage	20	6	1
3230–23	Screw – Carriage	1	10	6
3230–23	Screw – Carriage	10	23	6
3230–27	Screw – Carriage	2	13	1
3231–22	Bolt – Carriage	9	23	2
3231–26	Screw – Carriage	20	7	1
3231–31	Bolt – Carriage	22	21	1
3234–4	Screw – Cap Hex. Hd.	9	7	2
3234–4	Screw – Hex. Flange Hd.	3	13	3
3234–4	Screw – Hex. Flange Hd.	22	29	2
3234–4	Screw – Hex. Washer Hd.	6	8	3
3234–4	Screw – Hex. Washer Hd.	27	10	1
3234–4	Screw – Hex. Washer Hd.	10	22	2
3234–5	Screw – Hex. Flange Hd.	3	1	24
3234–5	Screw – Hex. Flange Hd.	2	18	1
3234–5	Screw – Hex. Washer Hd.	15	4	2
3234–5	Screw – Hex. Washer Hd.	1	6	12
3234–5	Screw – Hex. Washer Hd.	9	19	2
3234–5	Screw – Hex. Washer Hd.	20	32	1
3234–11	Screw – Hex. Flange Hd.	3	40	4
3234–11	Screw – Hex. Washer Hd.	27	29	1
3234–17	Screw – Hex. Flange Hd.	2	22	2
3234–17	Screw – Hex. Washer Hd.	9	21	4
3234–24	Screw – Hex. Flange Hd.	20	26	4
3234–25	Screw – Hex. Washer Hd.	27	17	6
3234–28	Screw – Hex. Flange Hd.	23	10	1
3234–28	Screw – Hex. Washer Hd.	9	13	8
3234–32	Screw – Cap Hex. Hd.	22	5	4
3234–32	Screw – Cap Hex. Hd.	30	28	1
3234–32	Screw – Hex. Flange Hd.	29	14	2
3242–4	Screw – Square Hd. Set	22	3	6
3245–35	Screw – Set	22	10	4
3249–3	Screw – Round Hd.	27	6	2
3249–3	Screw – Round Hd.	14	27	2
3253–2	Washer – Lock	6	15	5
3253–3	Washer – Lock	11	19	3
3253–3	Washer – Lock	21	68	4
3253–4	Washer – Lock	29	12	2
3253–4	Washer – Lock	1	18	4
3253–4	Washer – Lock	30	22	2
3254–9	Washer – ITLW	14	2	2
3254–9	Washer – Lock Internal	27	5	2
3254–11	Washer – Lock ETLW	6	39	1
3255–2	Washer – Lock	32	20	1
3255–2	Washer – Lock ETLW	11	12	1
3255–7	Washer – ETLW	14	26	3
3255–7	Washer – Lock ETLW	11	34	3
3255–8	Washer – Lock E.T.L.W.	20	30	1
3256–3	Washer – Flat	18	6	1
3256–6	Washer – Flat	29	15	2
3256–6	Washer – Flat	30	27	1
3256–14	Washer – Flat	6	16	2
3256–16	Washer – Flat	15	12	8
3256–22	Washer – Flat	9	6	2
3256–22	Washer – Flat	25	15	2
3256–22	Washer – Flat	3	53	2
3256–23	Washer	16	49	1
3256–23	Washer – Flat	27	4	2
3256–23	Washer – Flat	23	8	5
3256–23	Washer – Flat	20	9	23
3256–23	Washer – Flat	27	16	1
3256–23	Washer – Flat	1	19	4
3256–23	Washer – Flat	22	30	15
3256–23	Washer – Flat	9	43	2
3256–24	Washer	12	50	1
3256–24	Washer – Flat	22	25	2
3256–24	Washer – Flat	27	25	3
3256–24	Washer – Flat	20	27	16
3256–24	Washer – Flat	14	34	1
3256–26	Washer – Flat	11	14	1
3256–26	Washer – Flat	8	21	2
3256–28	Washer – Flat	32	16	1
3256–45	Washer – Flat	30	10	4
3256–45	Washer – Flat	29	22	4
3256–53	Washer – Flat	14	38	2
3256–54	Washer – Flat	31	4	1
3256–57	Washer – Flat	30	37	1
3256–67	Washer – Flat	23	6	4
3257–15	Key – Square	15	10	2
3257–15	Key – Square	17	11	1
3257–32	Key – Woodruff	12	7	1
3257–32	Key – Woodruff	11	17	1
3258–19	Screw – Round Hd.	5	2	2
3272–4	Pin – Cotter	27	13	1
3272–6	Pin – Cotter	2	1	2
3272–6	Pin – Cotter	30	19	1
3272–6	Pin – Cotter	15	31	5
3272–6	Pin – Cotter	11	37	1
3272–6	Pin – Cotter	27	43	1
3272–10	Pin – Cotter	20	23	1
3272–10	Pin – Cotter	29	26	4
3272–10	Pin – Cotter	30	33	2
3272–11	Pin – Cotter	30	4	1
3272–11	Pin – Cotter	27	32	5
3272–13	Pin – Cotter	30	13	2
3272–13	Pin – Cotter	29	34	1
3273–18	Screw – Hex. Socket Hd.	22	34	4
3274–90	Screw – Hex. Socket Hd.	6	13	2
3290–378	Tie – Cable	11	*	1
3290–378	Tie – Cable	14	*	1
3290–379	Tie – Cable	4	*	1
3290–379	Tie – Cable	22	41	1
3290–379	Tie – Cable	20	59	4
3290–413	Washer – Belleville	2	7	1
3290–432	Screw – Hex. Hd.	20	20	1
3290–467	Pin – Cotter Hair	1	22	2
3296–4	Nut – Lock	27	15	1
3296–6	Nut – Lock	11	22	1
3296–16	Nut – Flange Lock	25	9	2
3296–16	Nut – Lock	14	4	2
3296–16	Nut – Lock	23	14	2
3296–23	Nut – Flange Lock	22	28	4
3296–23	Nut – Lock	11	10	3
3296–23	Nut – Lock	15	42	8
3296–28	Nut – Lock	8	22	2

*Not Illustrated

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3296–29	Nut – Flange Lock	8	7	1
3296–29	Nut – Flange Lock	22	32	6
3296–29	Nut – Lock	18	9	1
3296–29	Nut – Lock	14	32	3
3296–29	Nut – Lock	9	42	2
3296–39	Nut – Flange Lock	25	17	1
3296–39	Nut – Flange Lock	27	26	3
3296–39	Nut – Lock	30	15	1
3296–39	Nut – Lock	22	17	2
3296–39	Nut – Lock	29	33	2
3296–42	Nut – Lock	3	8	2
3296–42	Nut – Lock	15	11	8
3296–42	Nut – Lock	9	40	2
3296–45	Nut – Lock	29	29	1
3296–51	Nut – Lock	32	17	1
3296–56	Nut – Lock	4	68	3
3296–59	Nut – Lock	30	9	2
3296–59	Nut – Lock	2	21	1
3296–59	Nut – Lock	29	21	2
3296–59	Nut – Lock	14	33	1
3298–8	Screw – Set	6	32	1
32104–6	Screw – Cap Hex. Hd.	29	30	2
32104–6	Screw – Cap Hex. Hd.	30	35	1
32104–82	Screw – Hex. Washer Hd.	1	15	5
32104–116	Screw – Hex. Washer Hd.	9	2	8
32107–11	Nut – Square	5	4	2
32120–10	Ring – Retaining	20	45	1
32120–11	Ring – Retaining	12	36	1
32120–15	Ring – Retaining	12	34	1
32121–6	Pin – Roll	14	15	1
32121–6	Pin – Roll	3	21	1
32121–6	Pin – Roll	15	39	2
32121–9	Pin – Roll	31	13	1
32121–10	Pin – Roll	8	9	1
32121–23	Pin – Roll	31	1	1
32121–24	Pin – Roll	14	24	1
32121–34	Pin – Dowel	11	32	1
32121–91	Pin – Coiled Spring	12	38	3
32122–2	Screw – Round Hd.	34	2	1
32128–14	Nut – Flange Lock	1	4	2
32128–19	Nut – Flange Lock	29	5	2
32128–20	Nut – Flange Lock	3	46	4
32128–20	Nut – Jam	2	14	2
32128–20	Nut – Lock	16	48	2
32128–33	Nut – Flange Lock	3	9	2
32128–33	Nut – Flange Lock	22	14	2
32128–33	Nut – Flange Lock	2	19	2
32128–33	Nut – Flange Lock	29	19	2
32128–33	Nut – Flange Lock	6	31	3
32128–33	Nut – Flange Lock	3	34	5
32128–43	Nut – Flange Lock	20	1	5
32128–43	Nut – Flange Lock	27	2	7
32128–43	Nut – Flange Lock	9	16	6
32128–43	Nut – Flange Lock	22	23	2
32128–43	Nut – Flange Lock	3	37	4
32128–44	Nut – Flange Lock	20	4	5
32128–44	Nut – Flange Lock	1	8	10
32128–44	Nut – Flange Lock	2	16	3
32128–44	Nut – Flange Lock	3	18	10
32128–44	Nut – Flange Lock	33	20	3
32128–44	Nut – Flange Lock	9	26	4
32128–44	Nut – Hex. Flange Hd.	10	12	6
32128–44	Nut – Lock	15	3	2
32144–18	Screw – Hex. Hd.	6	4	2
32148–7	Insert – Threaded	3	3	8
32148–7	Insert – Threaded	1	11	3
32148–8	Insert – Threaded	1	13	1
32148–8	Insert – Threaded	9	14	3
32148–8	Insert – Threaded	4	58	1
32148–14	Insert – Threaded	21	63	1
32149–9	Nut – Flange Lock	6	35	2
32151–46	Ring – Retaining	12	13	2
32153–3	Nut – Lock	9	45	2
340–2	Fitting – Hydraulic Straight	27	47	1
340–4	Fitting – Hydraulic Straight	11	8	1
340–17	Fitting – Hydraulic 90°	15	43	2
340–20	Fitting – Hydraulic Tee	25	21	1
340–77	Fitting – Hydraulic 90°	25	6	1
340–87	Fitting – Hydraulic 45°	27	39	1
340–92	Fitting – Hydraulic Straight	25	11	1
340–99	Fitting – Hydraulic 90°	11	29	2
340–101	Fitting – Hydraulic 45°	11	5	2
340–103	Fitting – Hydraulic 45°	16	45	1
340–103	Fitting – Hydrauulic 90°	25	22	1
340–105	Fitting – Hydraulic 90°	15	8	2
340–110	Fitting – Hydraulic 90°	25	19	1
340–127	Nut – Bulkhead	9	25	2
340–140	Fitting – Hydraulic Tee	16	*	1
340–162	Fitting – Hydraulic 90°	18	12	1
340–163	Fitting – Hydraulic 90°	18	4	1
353–987	Fitting– Hydraulic 90°	10	17	1
354–77	Hydraulic Test Port Fitting	18	15	2
354–79	Cap – Test Port	18	14	2
354–120	Fitting – Hydraulic 90°	10	25	1
354–127	Fitting – Hydraulic 45°	10	20	2
354–128	Fitting – Hydraulic 90°	11	3	1

*Not Illustrated

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Reelmaster 216−D 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 216−D, 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 216−D.
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								

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								