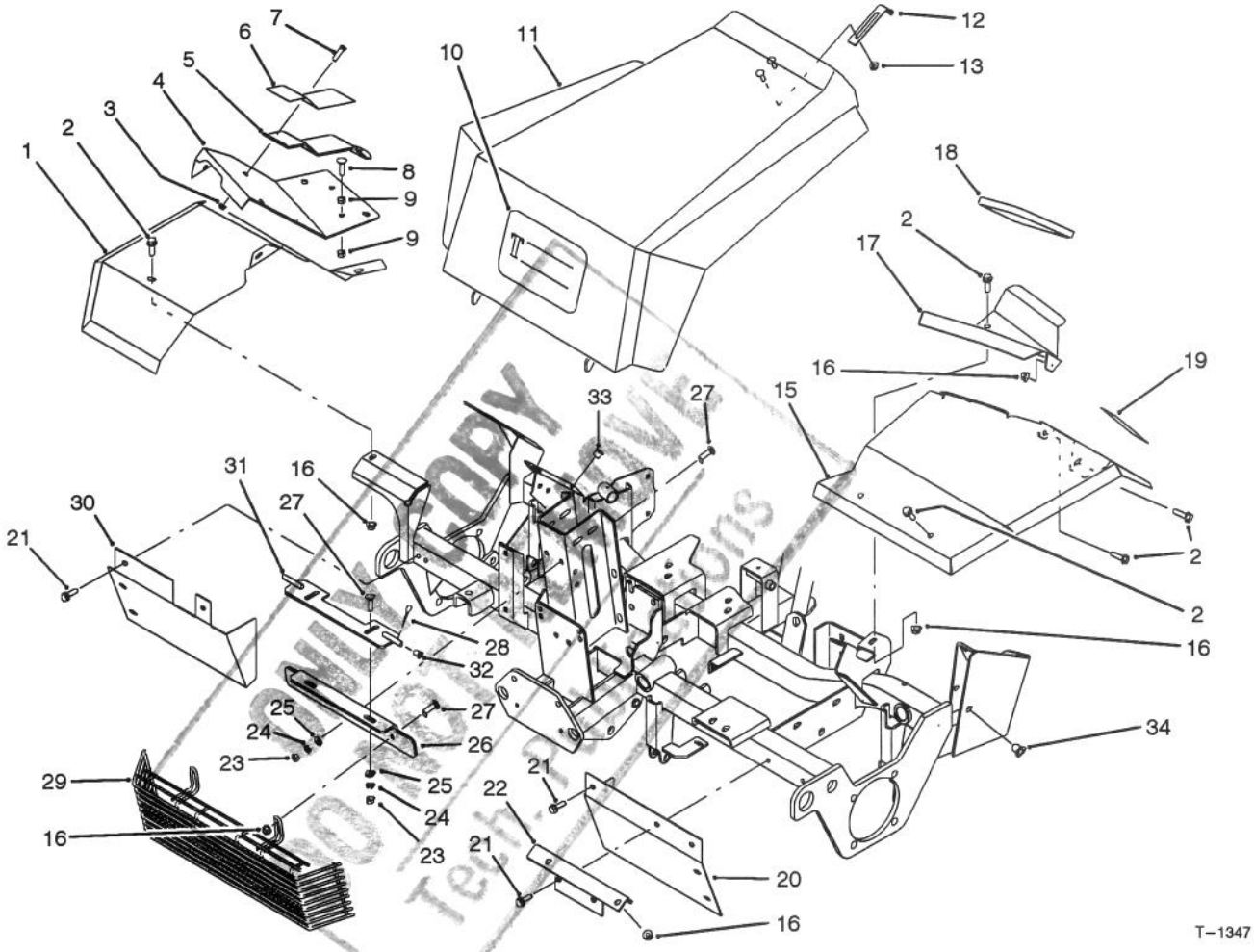
FORM NO. 3315–643

TORO®

MODEL NO. 03425–30001 & UP

PARTS CATALOG

REELMASTER® 216–D 3wd
TRACTION UNIT



HOOD & GRILLE ASSEMBLY

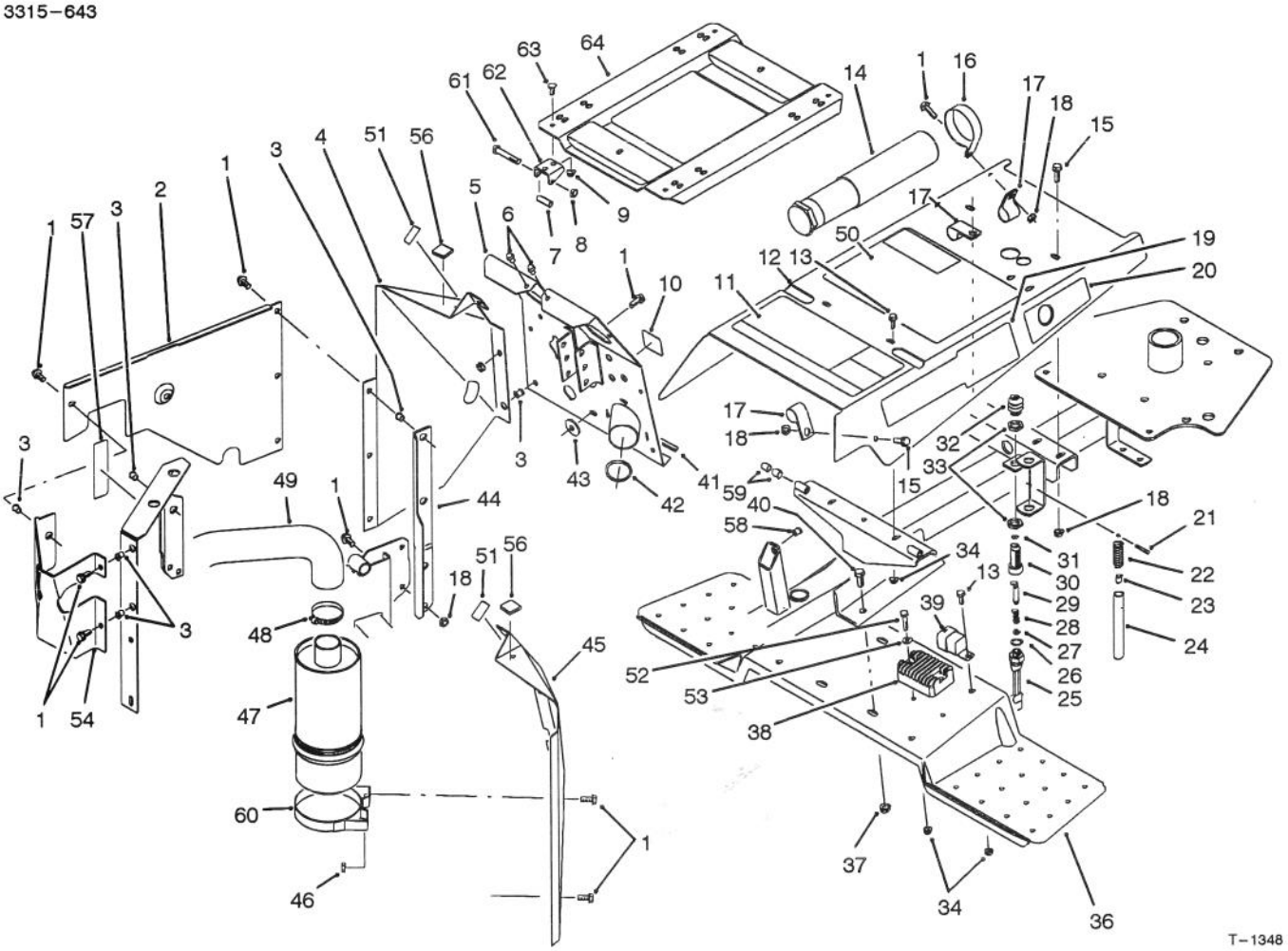
Ref. No.	Part No.	Description	No. Used
1	83–9720	Fender – R.H.	1
2	3234–5	Screw – Hex. Washer Hd.	14
3	32128–33	Nut – Flange Lock	2
4	83–9740	Footrest – R.H.	1
5	76–2200	Footrest – Traction	1
6	76–2260	Pad – Footrest Traction	1
7	3229–1	Screw – Carriage	2
8	3230–27	Screw – Carriage	1
9	32128–20	Nut – Hex.	2
10	62–7400	Decal – TORO	1
11	14–5759	Hood	1
12	83–9970	Latch – Hood	1
13	32128–14	Nut – Flange Lock	2
15	83–9700	Fender – L.H.	1
16	32128–44	Nut – Flange Lock	13
17	83–9710	Footrest – L.H.	1
18	83–9840	Pad – Footrest L.H.	1

Ref. No.	Part No.	Description	No. Used
‡19	84–1650	Decal – Brake	1
20	83–9800	Shield – Grass Front L.H.	1
21	32104–82	Screw – Hex. Washer Hd.	5
22	83–8510	Bracket – Fender L.H.	1
23	3217–6	Nut – Hex.	4
24	3253–4	Washer – Lock	4
25	3256–23	Washer – Flat	4
26	85–4870	Support – Hinge	1
27	3230–23	Screw – Carriage	6
28	3290–467	Pin – Cotter Hair	2
29	83–8850	Grille – Front	1
30	83–8860	Shield – Grass Front R.H.	1
31	85–4890	Hinge – Hood	1
32	256–320	Bushing	2
33	32148–7	Insert – Threaded	3
34	32138–8	Insert – Threaded	1

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

TPS

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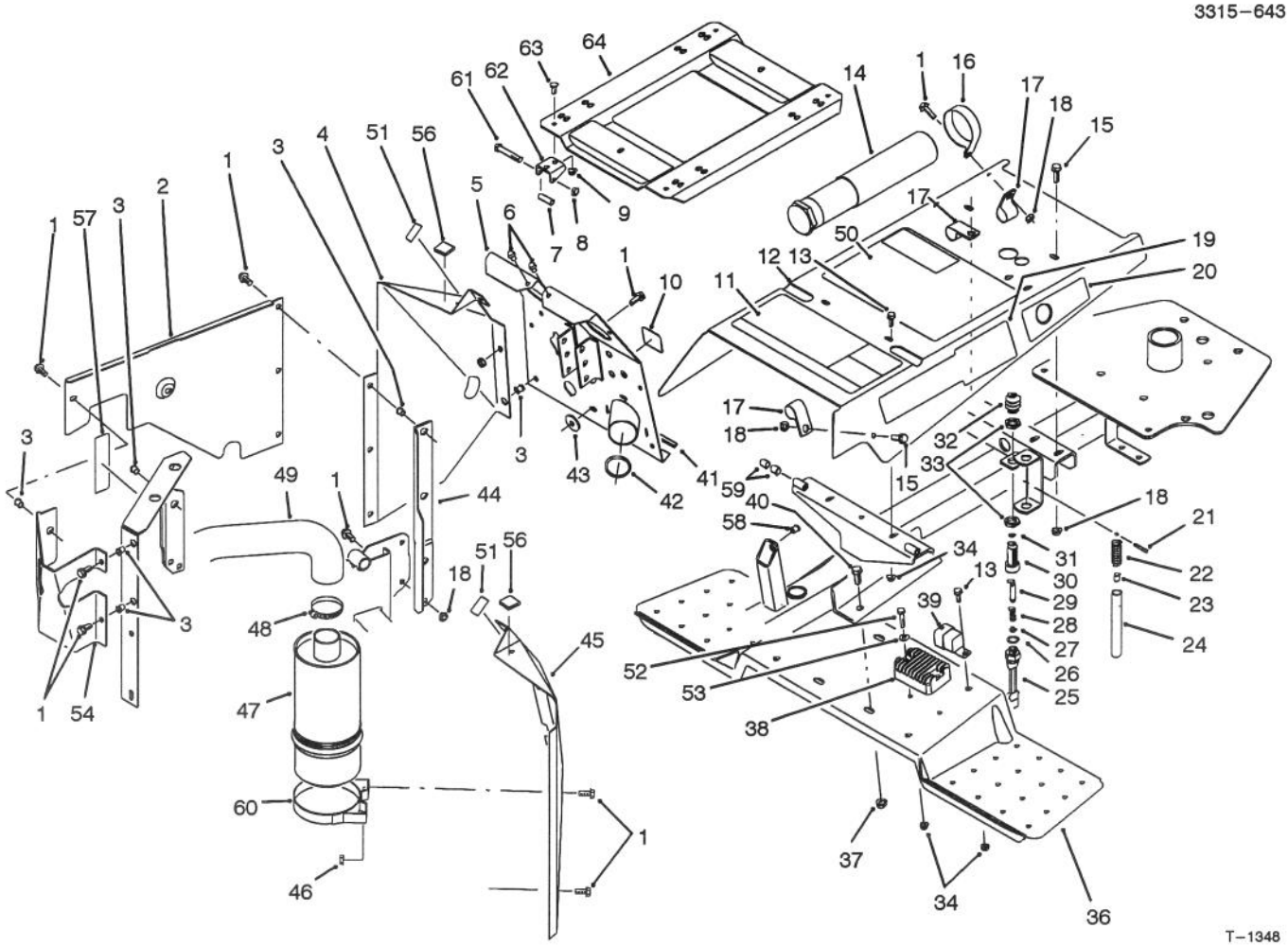


SKIRT ASSEMBLY

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	83–8880	Panel – Skirt	1
13	3234–4	Screw – Hex. Flange Hd.	3
14	74–0720	Tube – Manual	1
15	3234–36	Screw – Hex. Flange Hd.	3
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
‡20	80–4220	Decal – Control	1
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

Ref. No.	Part No.	Description	No. Used
27	43–8610	Guide – Spring	1
28	43–8600	Spring – Compression	1
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	63–7590	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

†Obtian from your Local Perkins Dealer.
‡For different language versions of this part, see International Decal Cross Reference.

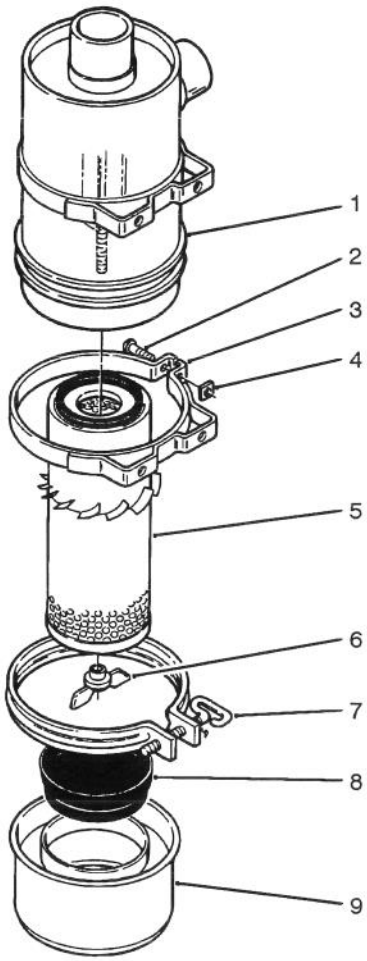


SKIRT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
53	3256–22	Washer – Flat	2
54	85–5010	Bracket – Right Front	1
56	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

Ref. No.	Part No.	Description	No. Used
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
*	43–9071	Seat Switch Assembly (Incl. Ref. #25–33)	1

*Not Illustrated

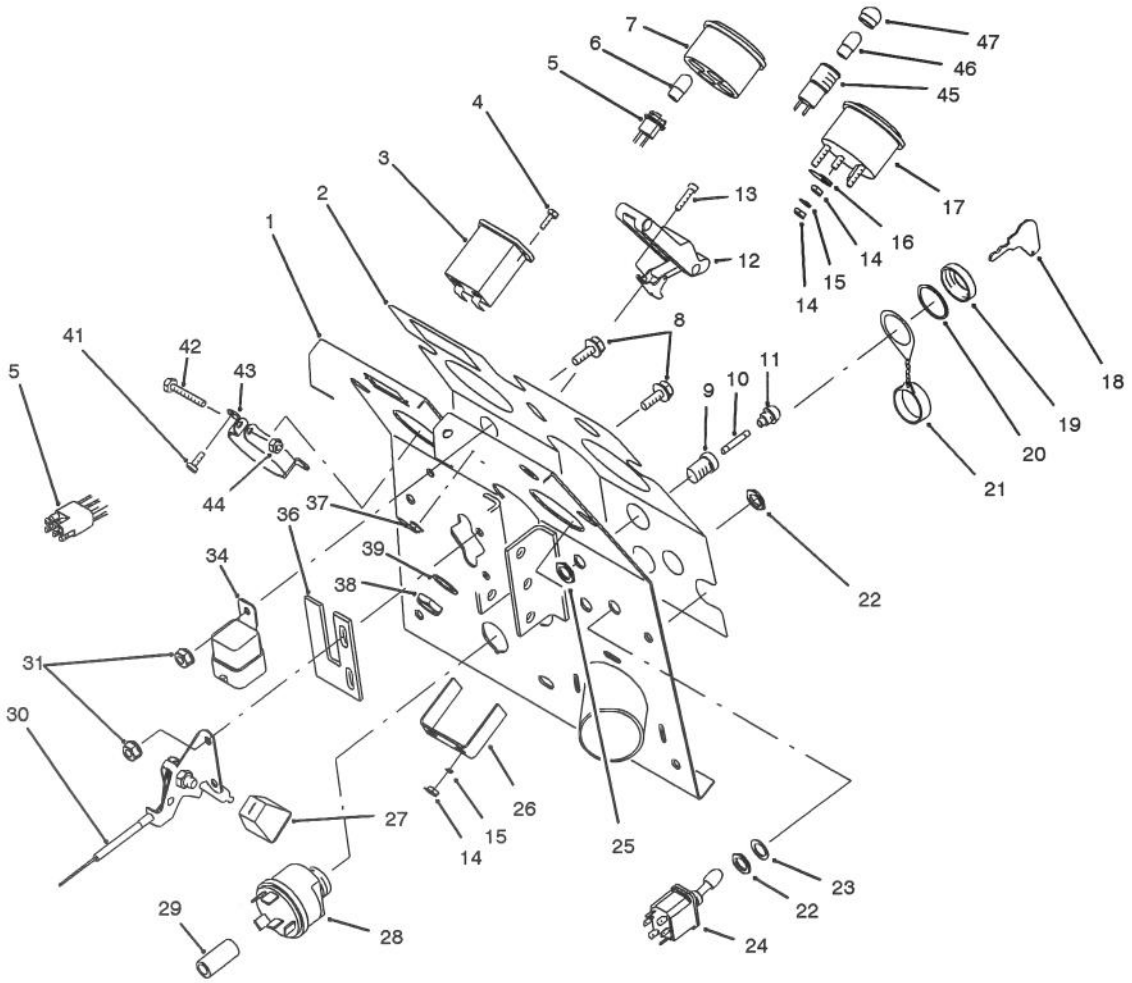


T–1349

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



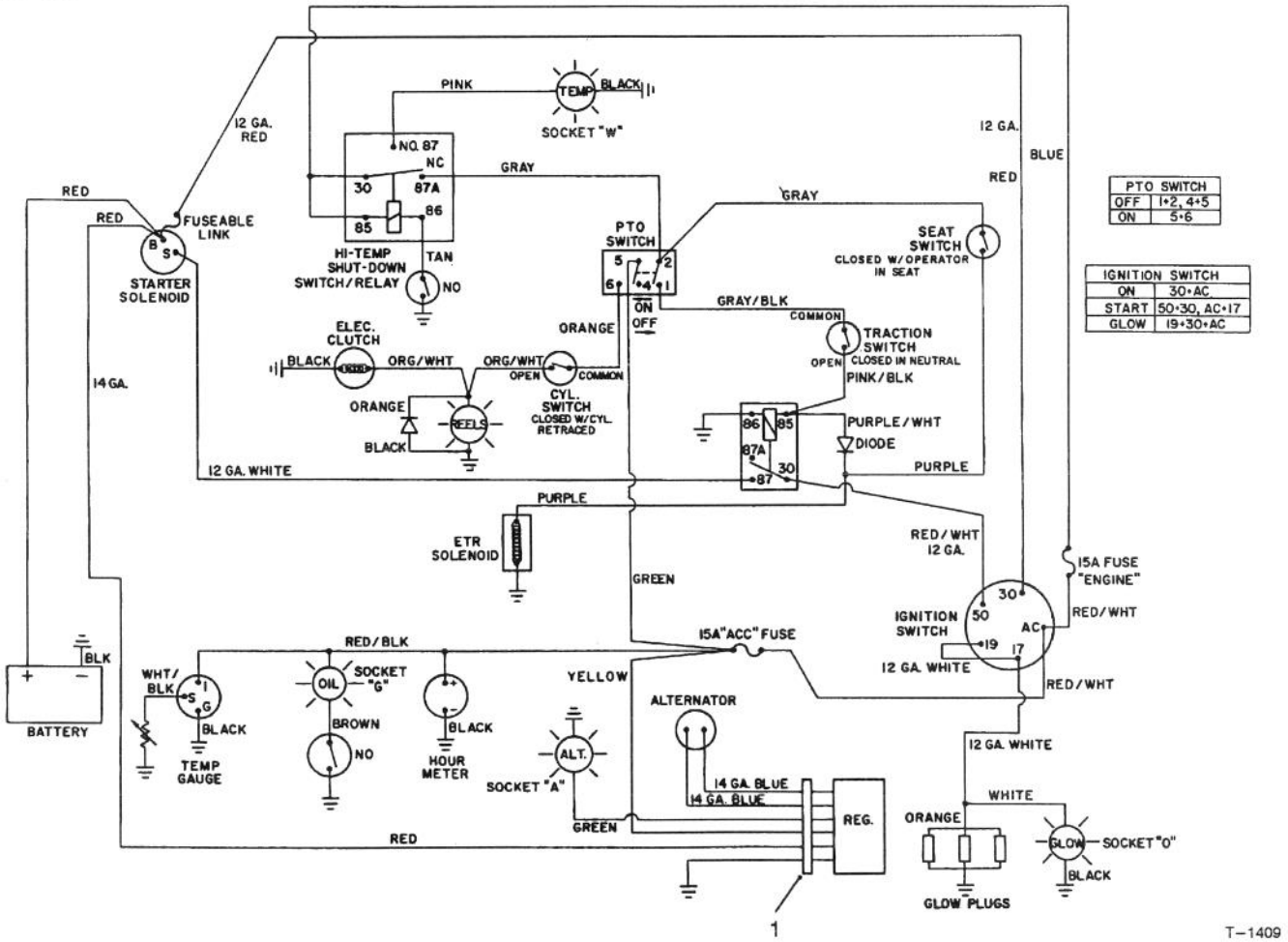
T–1350

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83–8190	Panel – Instrument	1
2	83–8180	Decal – Instrument Panel	1
3	75–6820	Hourmeter	1
4	32144–18	Screw – Hex. Hd.	2
5	75–4710	Harness – Warning Light	1
6	219–17	Bulb – Light	4
7	66–2960	Cluster – Warning	1
8	3234–4	Screw – Hex. Washer Hd.	3
9	218–489	Fuse Holder Assembly (Incl. Ref. #11 & 25)	2
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	63–7430	Temperature Gauge Assy. (Incl. Ref. #14–16 & 26)	1
†18	385210060	Key – Ignition	2
†19		Nut – Retaining	1
†20	390190030	Seal – Switch	1
†21	385800010	Cover – Switch	1
22	218–500	Nut – Hex.	2
23	3254–20	Washer – Lock	1

Ref. No.	Part No.	Description	No. Used
24	85–4980	Switch Assembly (Incl. Ref. #22–23)	1
25		Nut – Hex.	2
26		Clamp – Gauge	1
27		Knob – Throttle	1
†28	385201160	Ignition Switch Assembly (Incl. Ref. #18 & 19)	1
29	80–7345	Hose	
30	83–8280	Throttle Assembly (Incl. Ref. #27)	1
31	32128–33	Nut – Flange Lock	3
34	63–7590	Relay	1
36	85–5000	Plate – Throttle	1
37	32149–9	Nut – Flange Lock	2
38		Nut – Hex.	1
39		Washer – Flat	1
41	32144–39	Screw – Pan Hd.	2
42	32105–1	Screw – Hex. Hd.	1
43	69–4780	Clamp – Light Cluster	1
44	3296–2	Nut – Lock	1
45	44–2212	Light Assembly (Incl. Ref. #38–39 & 46–47)	1
46	219–18	Bulb – Light	1
47	218–562	Lens – Light	1

†Obtain from your local Perkins Dealer.

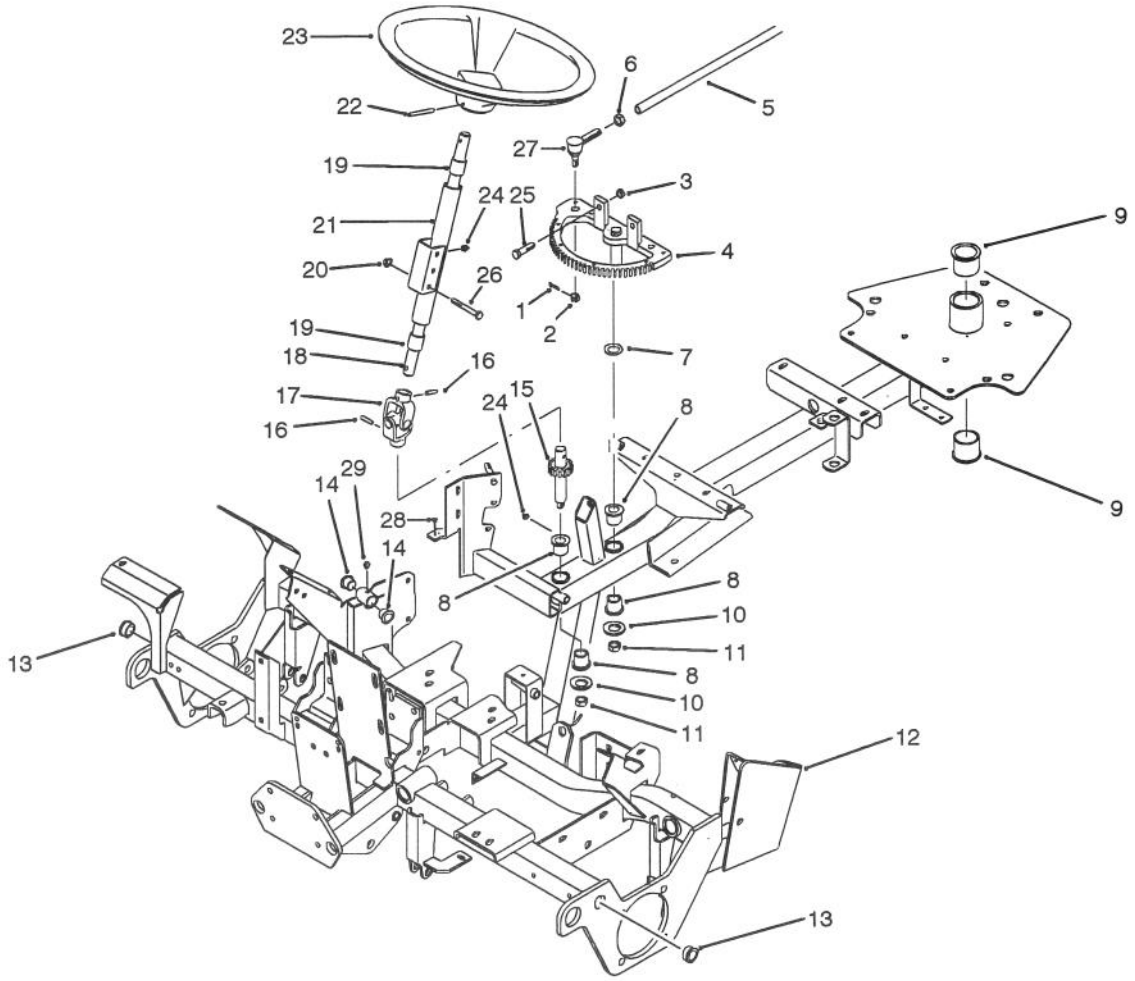


T–1409

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	83–8920	Harness – Wire	1

Ref. No.	Part No.	Description	No. Used

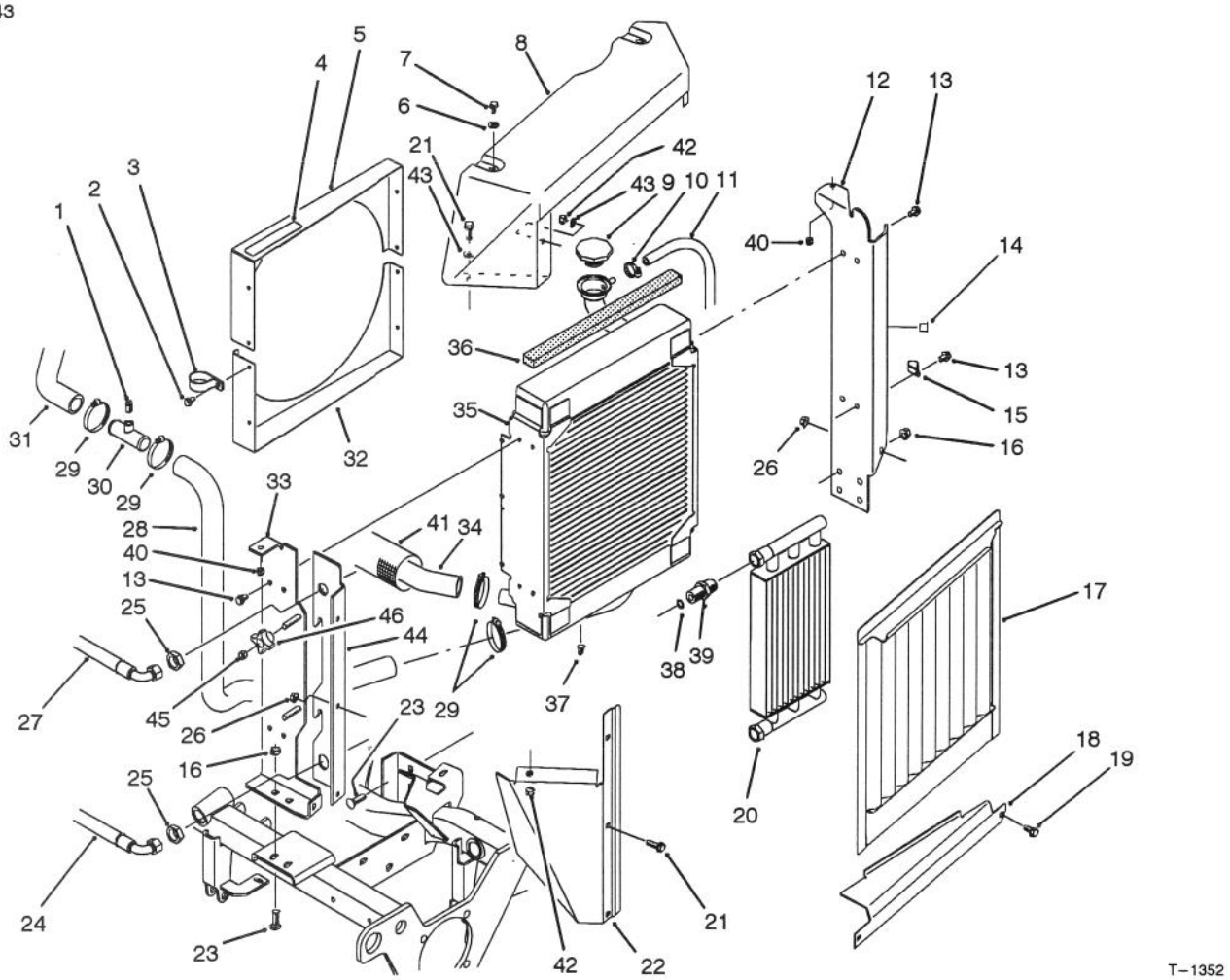


T–1351

FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3272–6	Pin – Cotter	1
2	32136–4	Nut – Castle	1
3	3218–3	Nut – Jam	2
4	61–2040	Rack – Steering	1
5	61–2070	Rod – Steering	1
6	3220–5	Nut – Jam	1
7	3–6498	Washer – Thrust	A/R
8	256–117	Bushing – Flange	4
9	256–245	Bushing – Flange	2
10	3256–26	Washer – Flat	2
11	3296–28	Nut – Lock	2
12	92–2373	Frame Assembly (Incl. Ref. #8, 9, 13, 14 & 29)	1
13	256–247	Bushing – Flange	2
14	256–287	Bushing – Flange	2
15	61–2010	Pinion – Steering	1

Ref. No.	Part No.	Description	No. Used
16	32121–15	Pin – Roll	2
17	61–3360	Joint – Universal	1
18	61–2080	Shaft – Steering	1
19	256–27	Bushing – Sleeve	2
20	3296–29	Nut – Flange Lock	1
21	61–2090	Steering Column Assembly (Incl. Ref. #19)	1
22	32121–10	Pin – Roll	1
23	76–1420	Wheel – Steering	1
24	302–5	Fitting – Grease	3
25	32141–84	Screw – Cap Hex. Hd.	2
26	322–12	Screw – Cap Hex. Hd.	1
27	21–0140	Rod End Assembly (Incl. Ref. #2)	1
28	32148–14	Insert – Threaded	1
29	302–5	Fitting – Grease	1

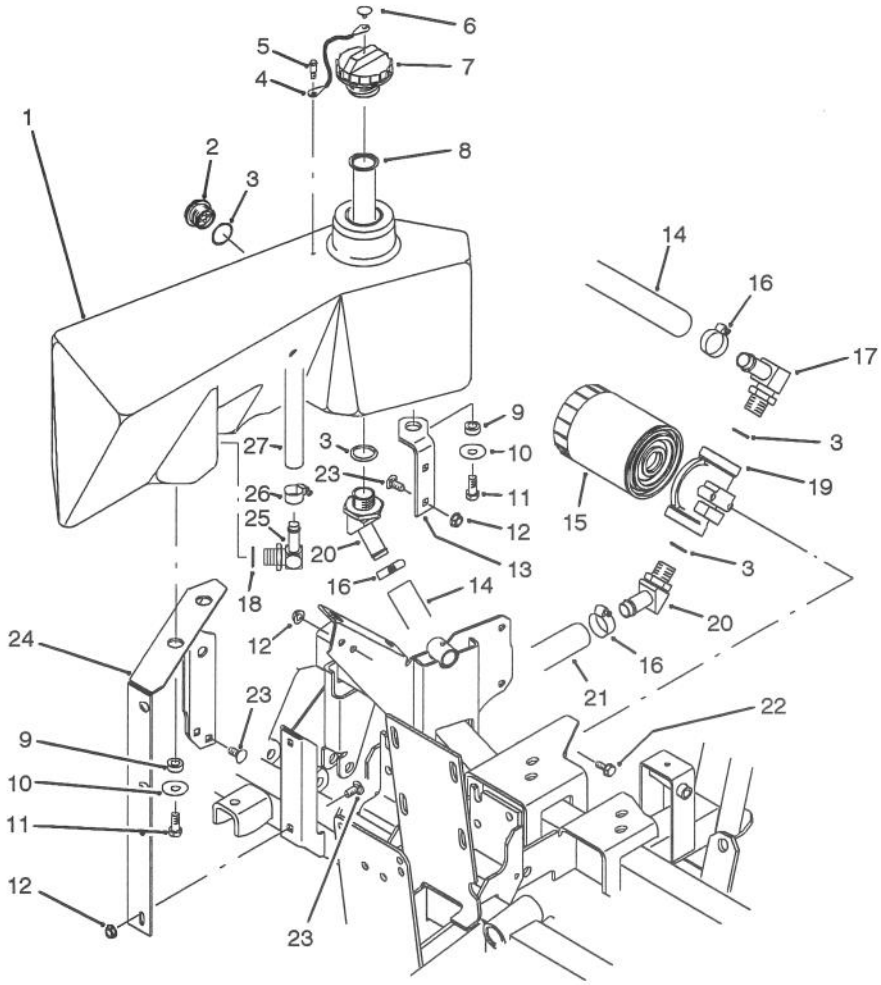


RADIATOR ASSEMBLY

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	14–8539	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	6
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	92–2367	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	32153–1	Nut – Lock	2
46	92–2368	Knob – Clamp	2

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

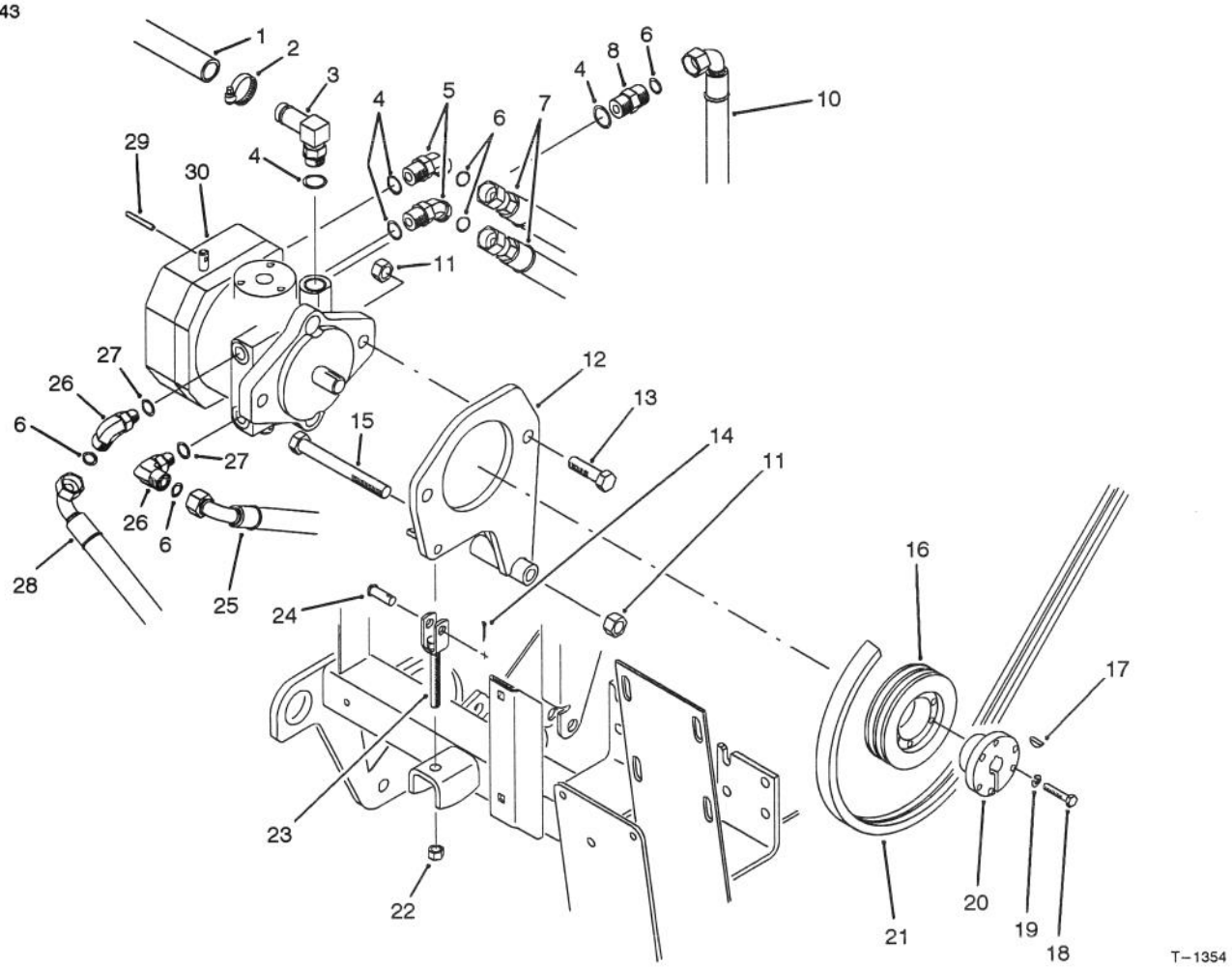


HYDRAULIC RESERVOIR & FILTER ASSEMBLY

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	Teather – Cap	1
5	57–5420	Screw – Shoulder	1
6	2410–73	Retainer – Teather	1
7	70–8640	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

Ref. No.	Part No.	Description	No. Used
15	54–0110	Element – Oil Filter	1
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

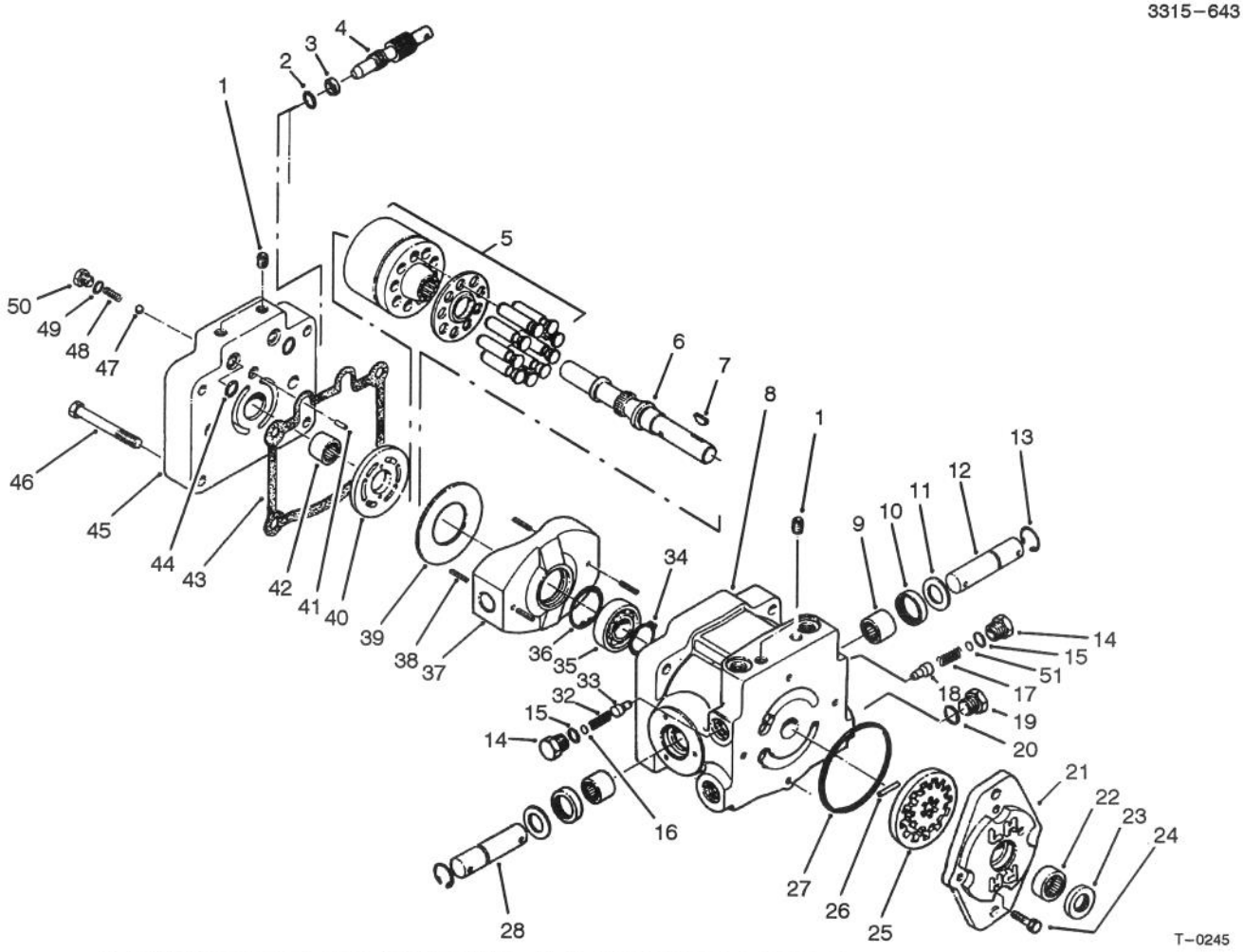
3315–643



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
10	92–1178	Hose – Hydraulic	1
11	3296–23	Nut – Lock	3
12	83–8320	Mount – Pump	1
13	325–7	Screw – Cap Hex. Hd.	2
14	3272–6	Pin – Cotter	1
15	325–18	Screw – Cap Hex. Hd.	1
16	85–4960	Pulley	1

Ref. No.	Part No.	Description	No. Used
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	83–8540	Belt – Pump Drive	1
22	3296–6	Nut – Lock	1
23	83–9660	Clevis	1
24	283–2	Pin – Clevis	1
25	83–9640	Hose – Hydraulic	1
26	340–99	Fitting – Hydraulic 90° (Incl. Ref. #6 & 27)	2
27	237–42	Seal – O–Ring	2
28	92–1583	Hose – Hydraulic	1
29	32121–34	Pin – Dowel	1
30	85–4920	Hydraulic Pump Assembly (Incl. Ref. #17)	1



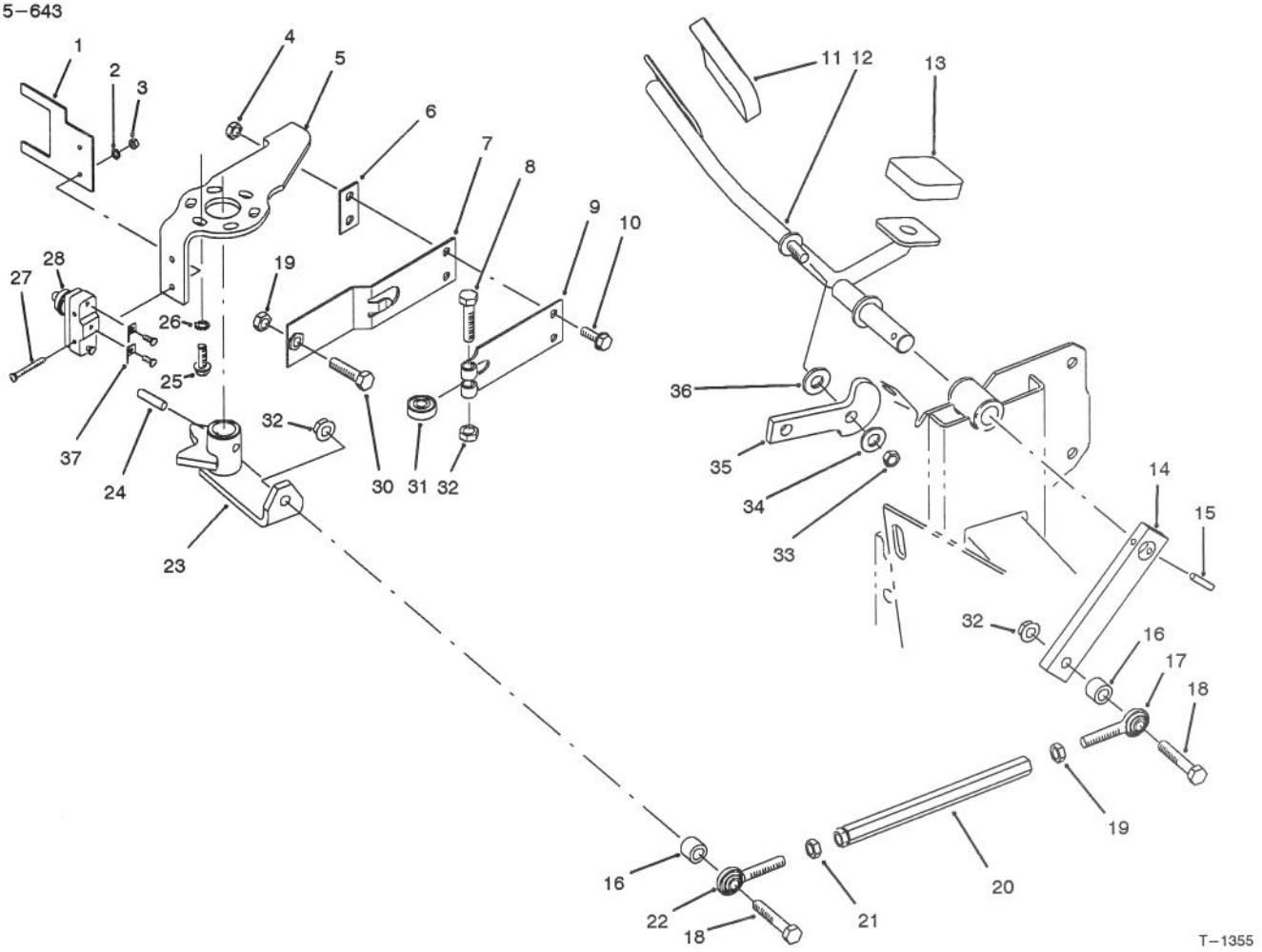
HYDRAULIC PUMP ASSEMBLY NO. 85–4920

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	25–2620	Valve – By–Pass	1
5	48–1800	Cylinder Block Kit	1
6	67–8020	Shaft – Pump	1
7	3257–32	Key – Woodruff	1
8	61–0080	Hydraulic Pump Assembly (Complete)	1
9	252–82	Bearing – Needle	2
10	25–3210	Seal – Lip	2
11	25–2510	Washer	2
12	25–2580	Shaft – Trunion	1
13	32151–46	Ring – Retaining	2
14	25–2460	Plug	2
15	237–86	O–Ring	2
16	25–2470	Kit – Shim Pack	2
17	25–2570	Spring – Relief Valve	1
18	25–2560	Cone – Relief Valve	1
19	67–8030	Plug Assembly (Incl. Ref. #20)	1
20	67–8040	O–Ring	1
21	25–2690	Housing – Charge Pump	1
22	67–8050	Bearing – Needle	1
23	67–8060	Seal – Lip	1
24	322–4	Screw – Cap Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
25	25–2680	Gerotor Assembly	1
26	25–2530	Pin – Straight	1
27	237–95	O–Ring	1
28	49–8480	Shaft – Trunion	1
32	25–2480	Spring – Charge Relief	1
33	28–3420	Cone – 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	67–8080	Bearing – Needle	1
43	25–2400	Gasket	1
44	62–4290	O–Ring	2
45	67–8090	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
50	25–2650	Plug – Check Valve	2
*	25–3180	Kit – Check Valve (Incl. Ref. #47–50)	1
*	49–8520	Kit – Implement Relief (Incl. Ref. #14–18)	1

*Not Illustrated

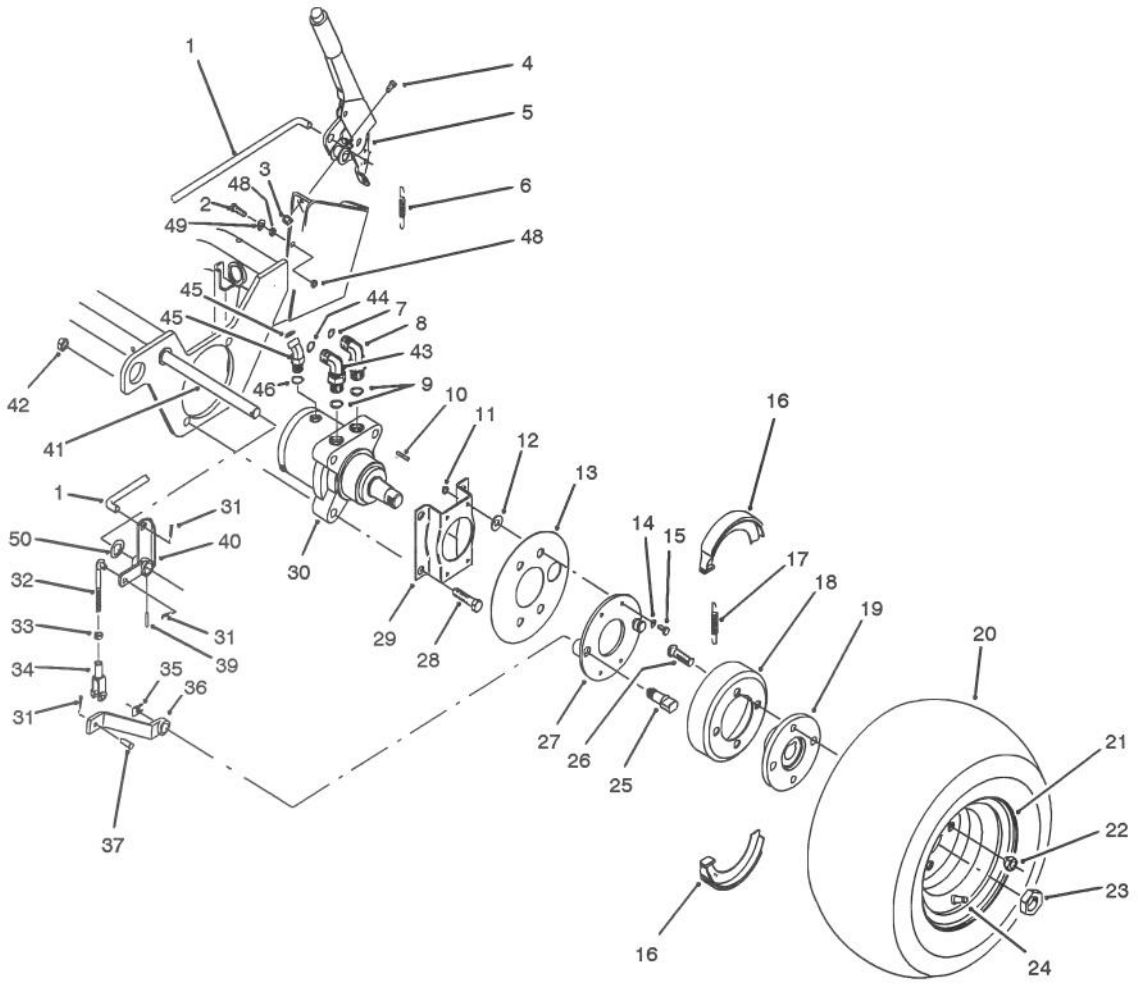
3315–643



TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46–8810	Stop – Spring	1
2	3254–9	Washer – ITLW	2
3	3217–16	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 – Hex. Flange 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

Ref. No.	Part No.	Description	No. Used
19	3220–2	Nut – Jam	2
20	83–8760	Rod – Control	1
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	11–9760	Screw – Hex. Flange Hd.	3
26	3255–7	Washer – ETLW	3
27	3249–11	Screw – Round Hd.	2
28	29–6163	Switch	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	218–596	Tab	2

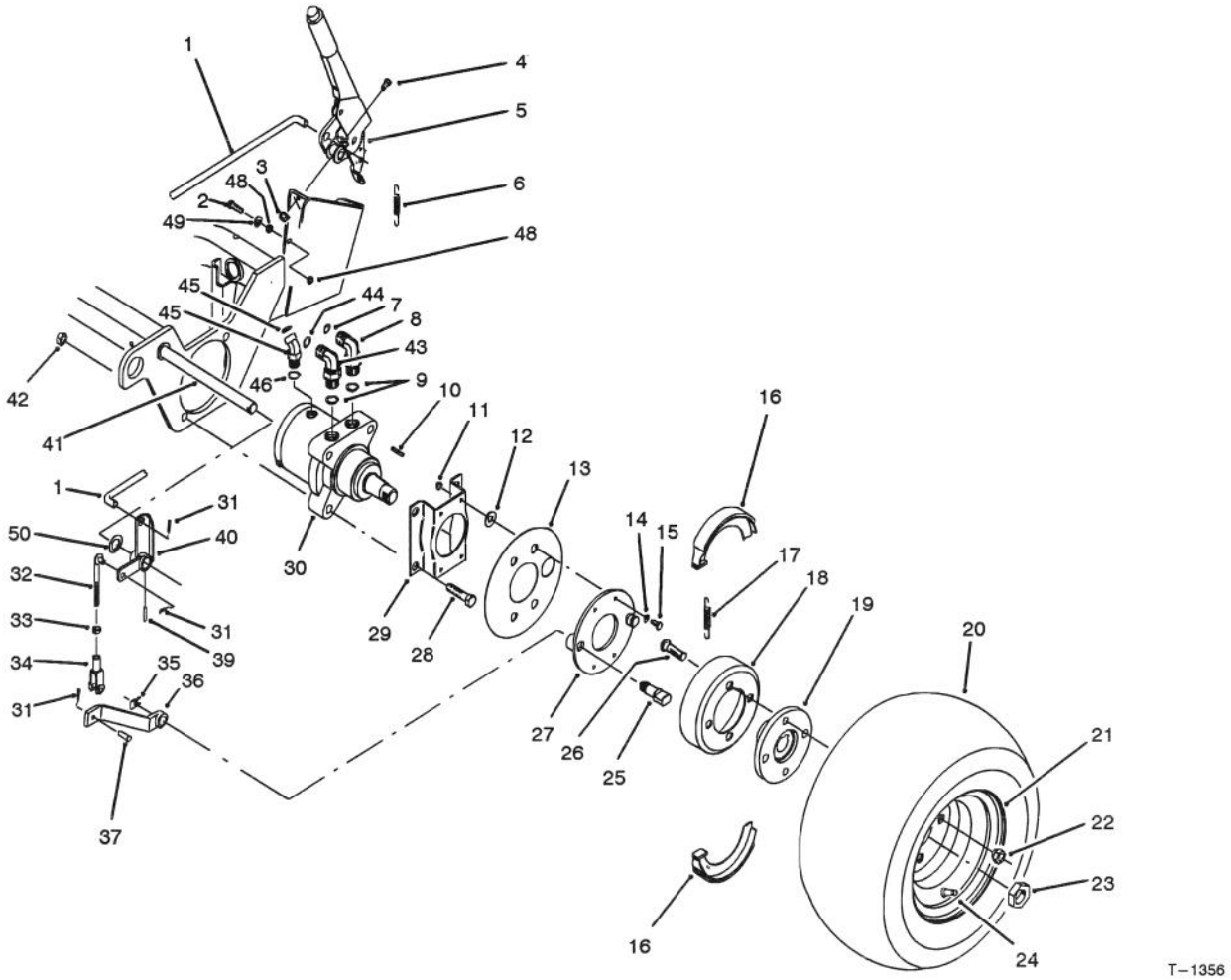


FRONT WHEEL ASSEMBLY

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
14	3253–3	Washer – Lock	8
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

Ref. No.	Part No.	Description	No. Used
23	26–3790	Nut – Lock	2
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

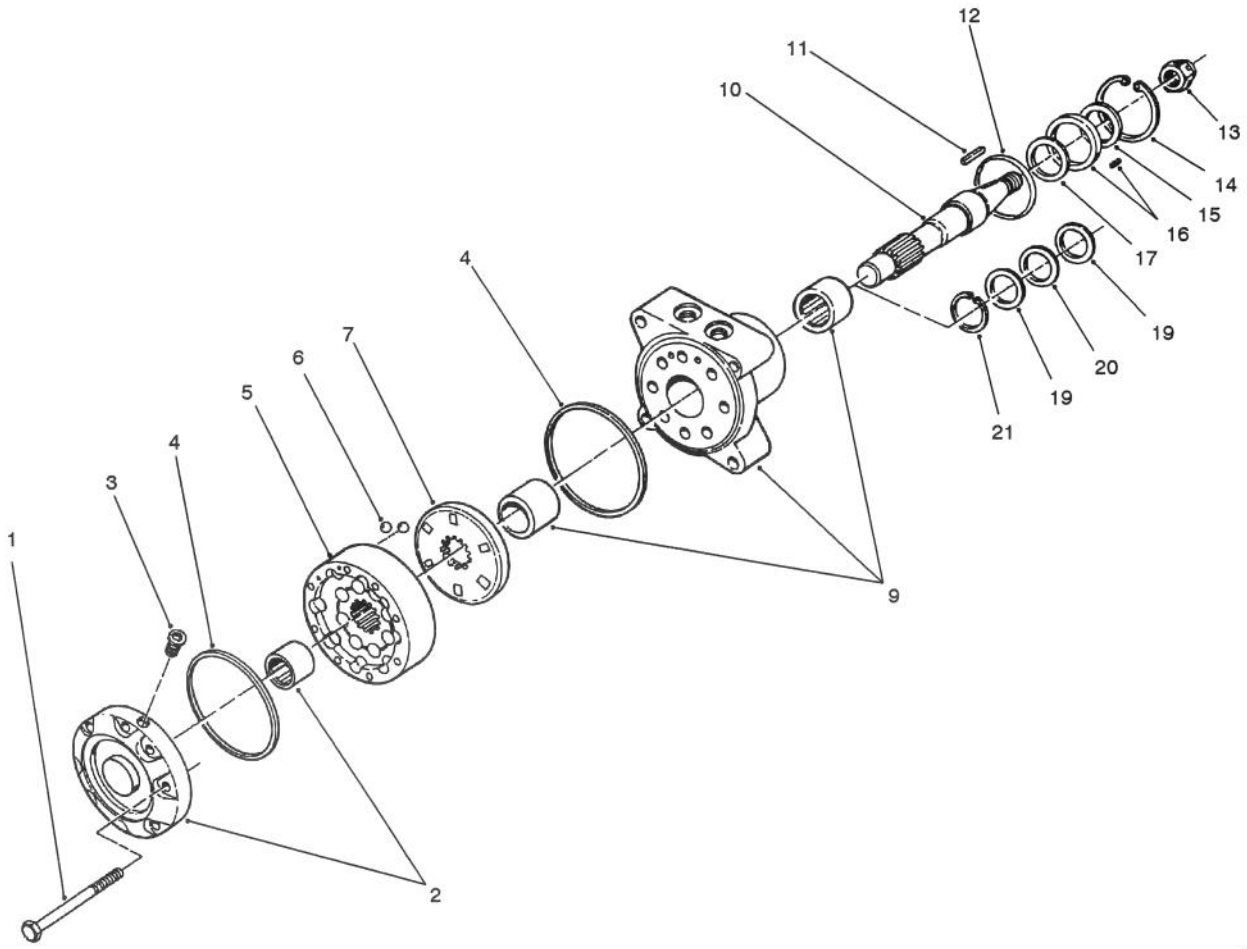
*Not Illustrated



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
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

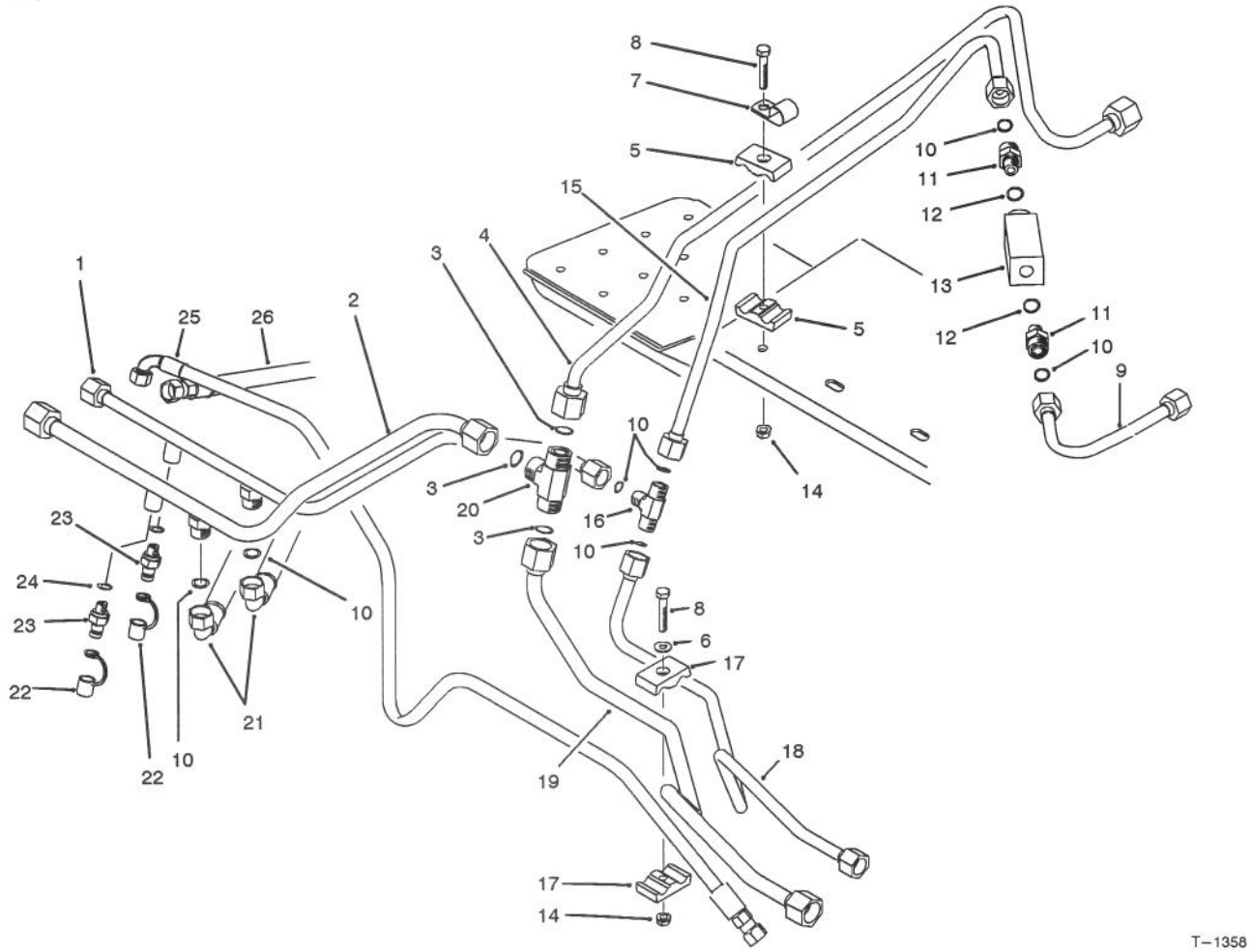
HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 66–5291

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

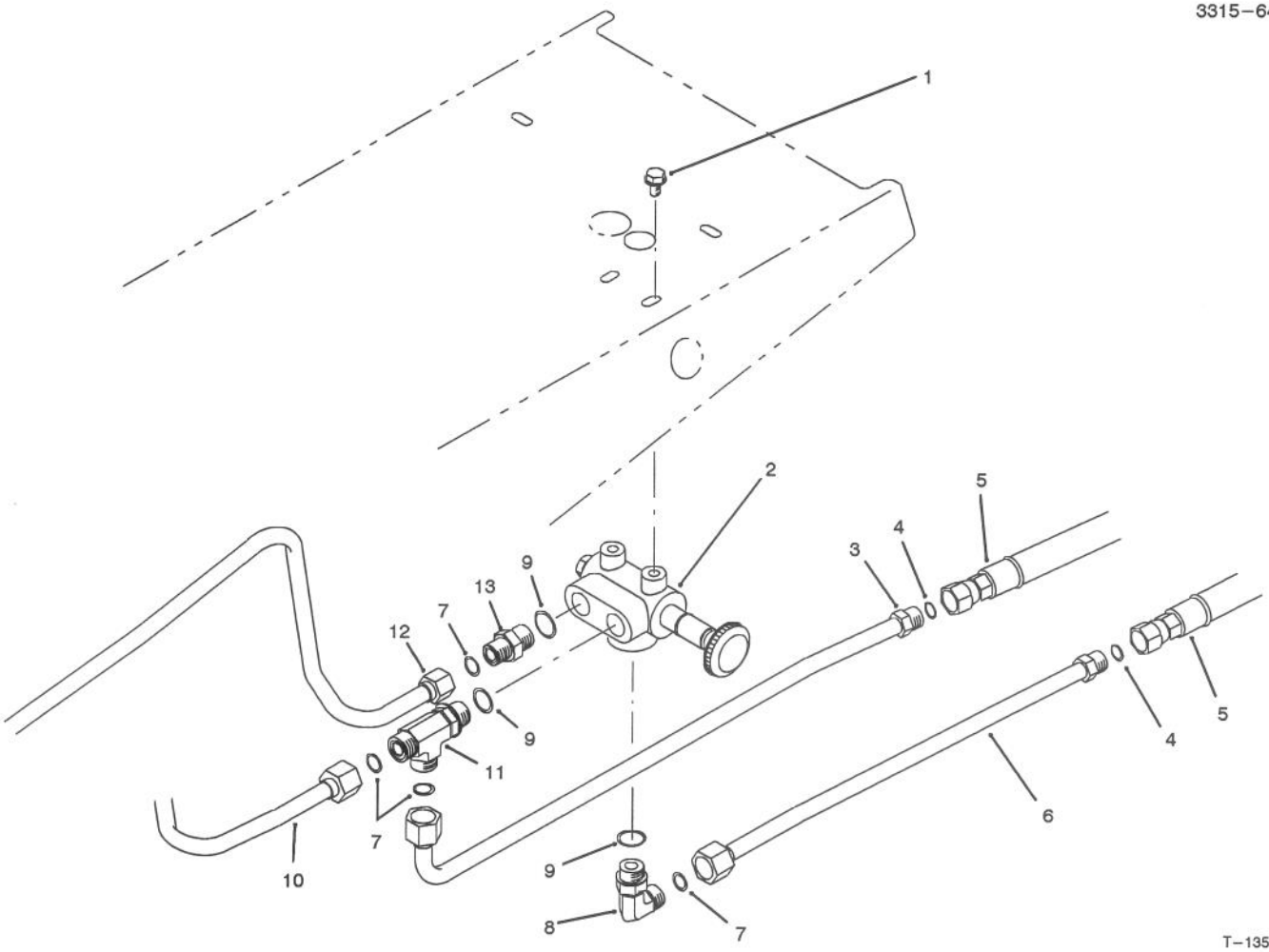
†Not available from Toro as a replacement part.



DRIVE MOTOR PLUMBING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83–9470	Hydraulic Tube Assembly (Incl. Ref. #10)	1
2	83–9440	Hydraulic Tube Assembly (Incl. Ref. #10)	1
3	237–65	Seal – O–Ring	3
4	83–9460	Tube – Hydraulic	1
5	56–7976	Clamp – Hydraulic Tube	2
6	3256–3	Washer – Flat	1
7	2412–39	Clamp – R	1
8	322–10	Screw – Cap Hex. Hd.	2
9	83–9500	Tube – Hydraulic	1
10	237–30	Seal – O–Ring	7
11	340–5	Fitting – Hydraulic Straight (Incl. Ref. #10 & 12)	2
12	237–42	Seal – O–Ring	2
13	71–2960	Valve – Flow Control	1

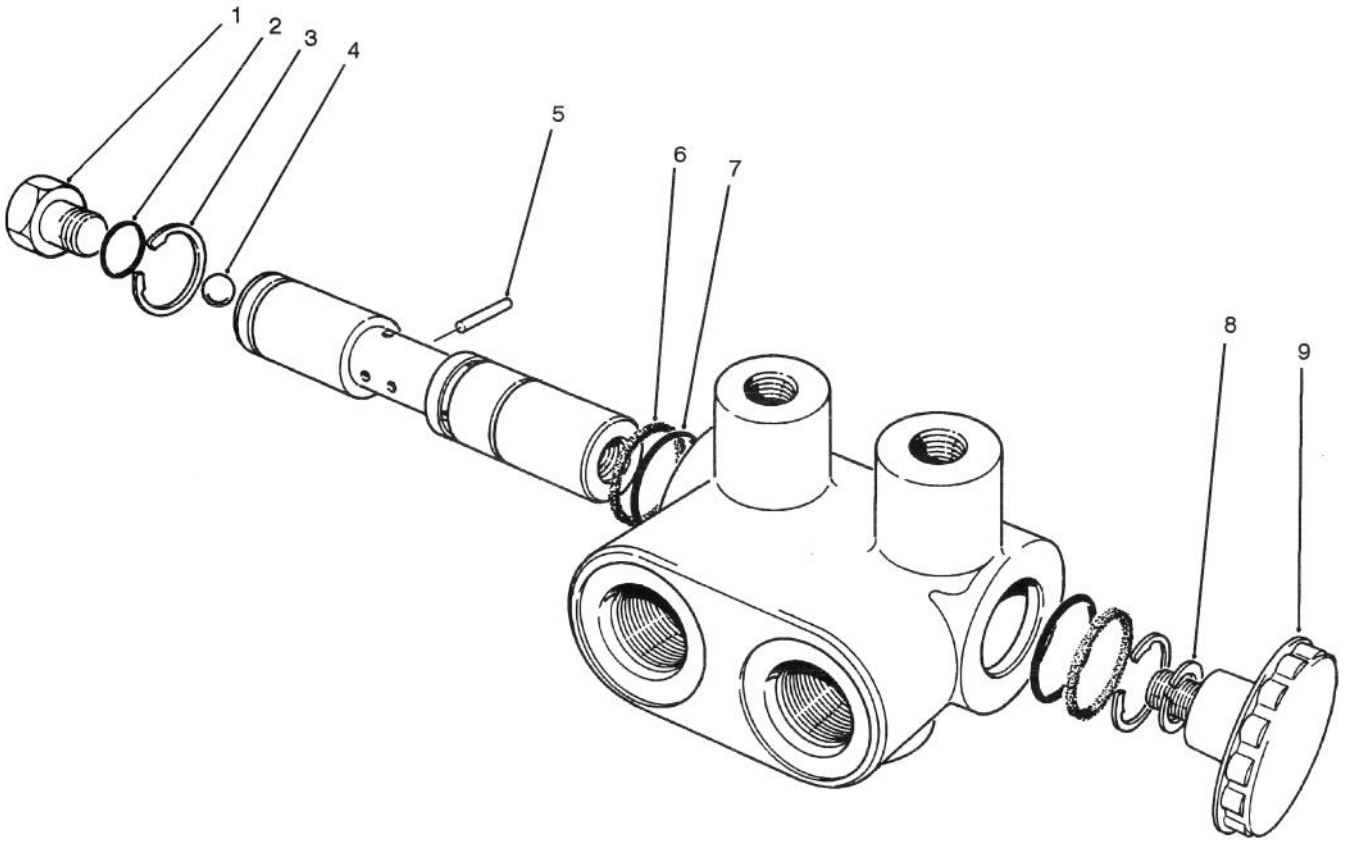
Ref. No.	Part No.	Description	No. Used
14	3296–29	Nut – Lock	2
15	83–9490	Tube – Hydraulic	1
16	340–102	Fitting – Hydraulic Tee (Incl. Ref. #10)	1
17	56–7977	Clamp – Hydraulic Tube	2
18	83–9480	Tube – Hydraulic	1
19	83–9450	Tube – Hydraulic	1
20	340–19	Fitting – Hydraulic Tee (Incl. Ref. #3)	1
21	83–9600	Hose – Hydraulic	2
22	354–79	Cap – Test Port	2
23	354–77	Hydraulic Test Port Fitting (Incl. Ref. #24)	2
24	237–78	Seal – O–Ring	2
25	85–5300	Hose – Hydraulic	1
26	85–4990	Hose – Hydraulic	1



REAR WHEEL DRIVE VALVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234–28	Screw – Hex. Flange Hd.	2
2	71–2830	2 Position Valve Assembly	1
3	71–0710	Hydraulic Tube Assembly (Incl. Ref. #4)	1
4	237–22	Seal – O–Ring	2
5	80–4090	Hose – Hydraulic	2
6	71–0840	Hydraulic Tube Assembly (Incl. Ref. #4)	1
7	237–30	Seal – O–Ring	4

Ref. No.	Part No.	Description	No. Used
8	340–98	Fitting – Hydraulic 90° (Incl. Ref. #7 & 9)	1
9	237–79	Seal – O–Ring	3
10	83–9500	Tube – Hydraulic	1
11	340–109	Fitting – Hydraulic Tee (Incl. Ref. #7 & 9)	1
12	83–9460	Tube – Hydraulic	1
13	340–4	Fitting – Hydraulic Straight (Incl. Ref. #7 & 9)	1



T–0672

2 POSITION VALVE ASSEMBLY NO. 71–2830

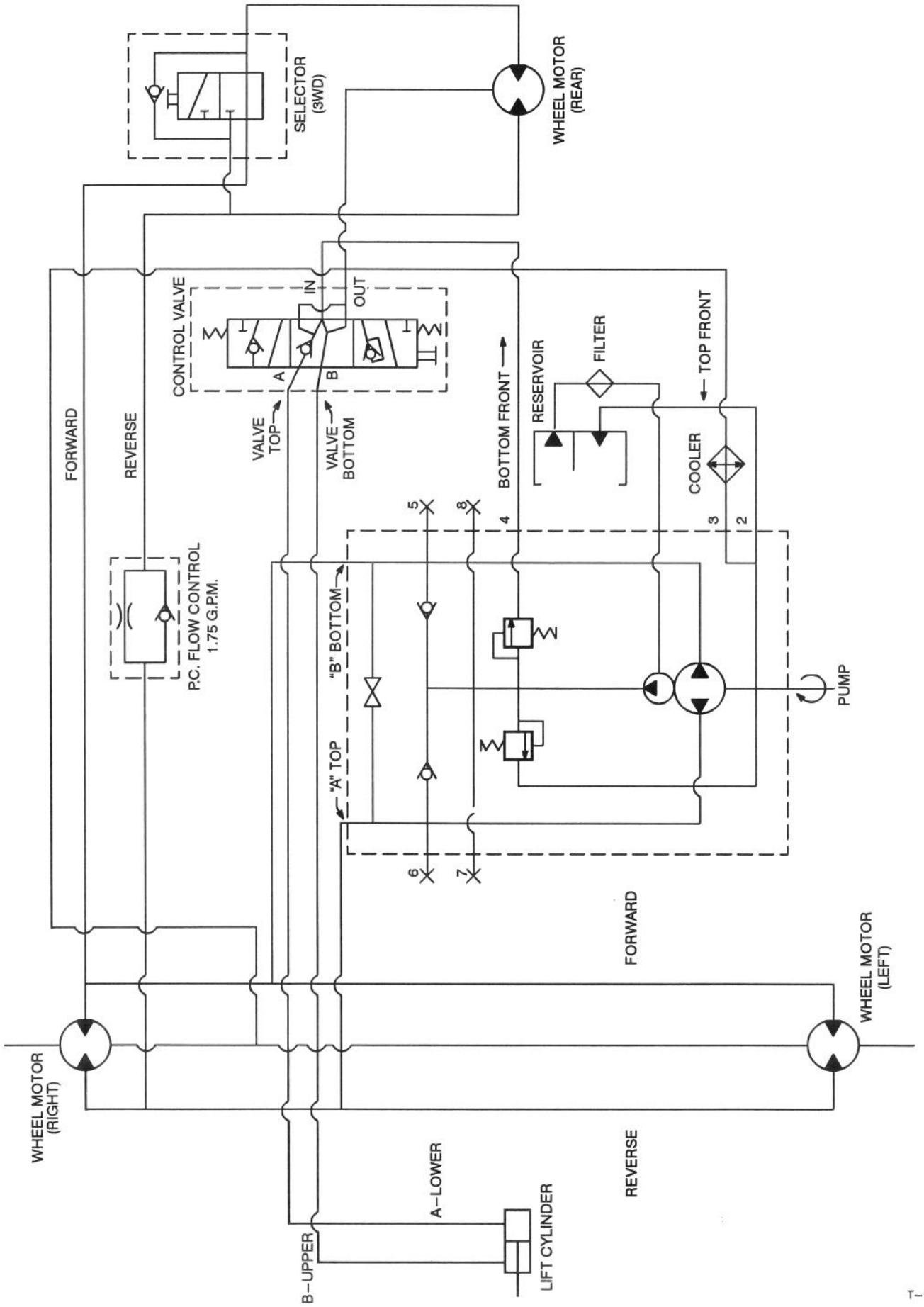
Ref. No.	Part No.	Description	No. Used
1	353–512	Plug – Hydraulic	1
2	237–22	Seal – O–Ring	1
3	32151–78	Ring – Retaining	2
4	354–23	Ball – Check	1
5	32121–38	Pin – Roll	1
†6		Washer – Backup	2

Ref. No.	Part No.	Description	No. Used
7	237–54	Seal – O–Ring	2
8	3253–5	Washer – Lock	1
9	233–46	Knob	1
*	71–1220	Seal Repair Kit (Incl. Ref. #2, 3, 6 & 7)	1

*Not Illustrated

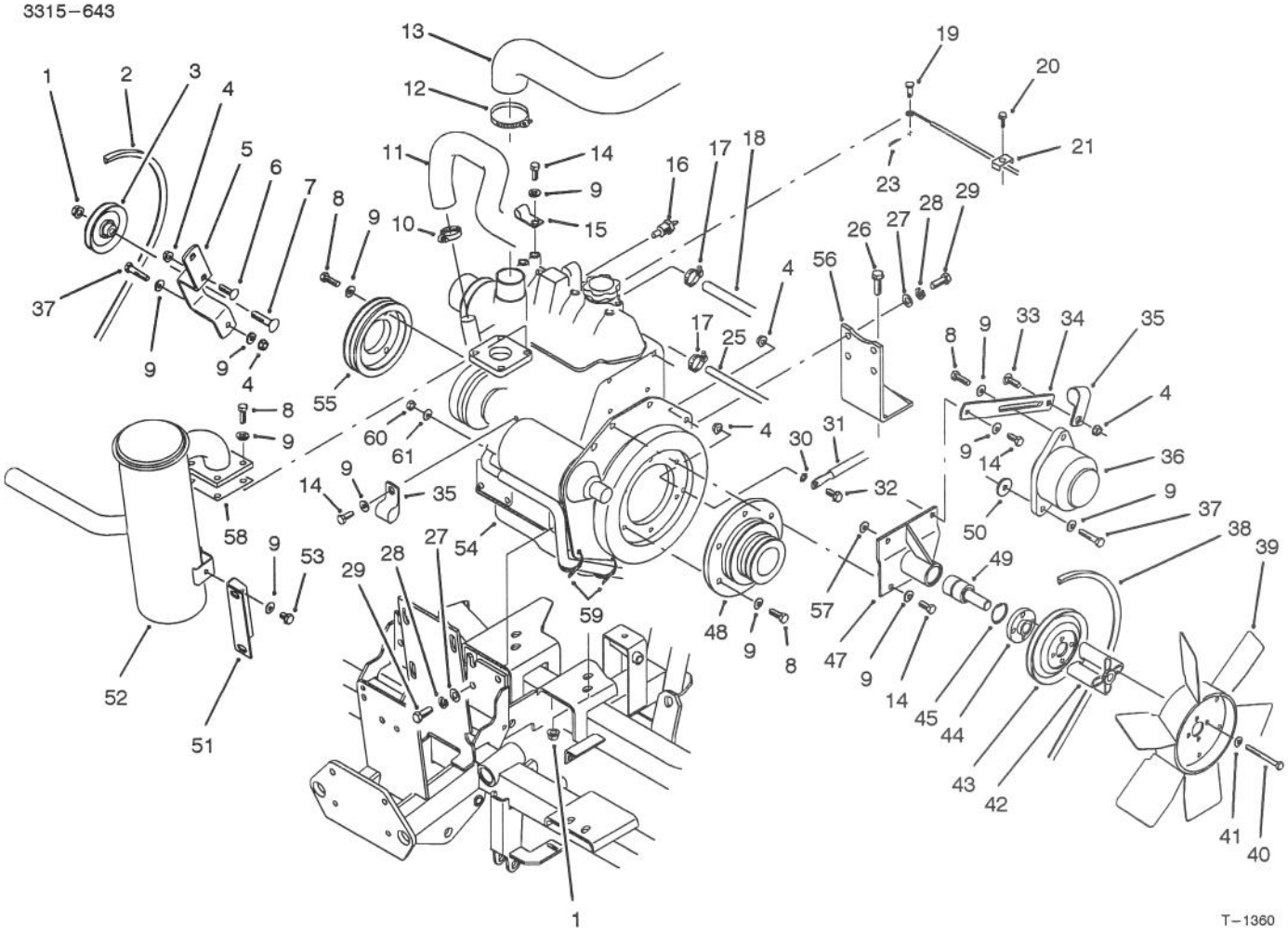
†Available only in Seal Repair Kit No. 71–1220.

HYDRAULIC SCHEMATIC



T–1411

3315–643



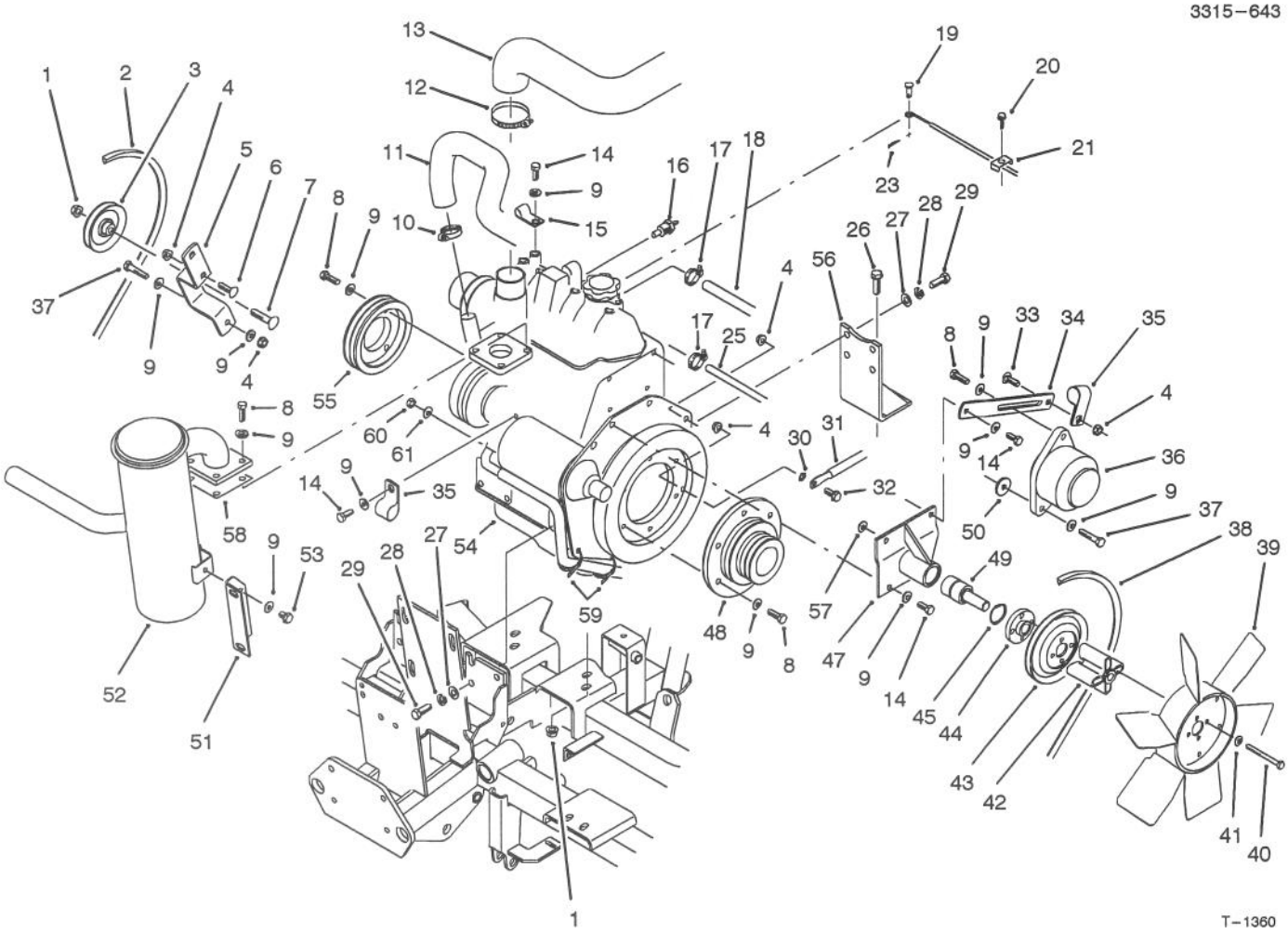
T–1360

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	3272–9	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	321–14	Screw – Cap Hex. Hd.	4
41	48–8010	Washer – Flat	4
42	83–7620	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	83–8410	Pulley – Engine	1
49	36–7290	Spindle – Fan	1
50	62–9510	Washer – Flat	1
51	83–8220	Bracket – Muffler	1
52	83–8500	Muffler	1
53	3234–28	Screw – Hex. Washer Hd.	1
54	83–7540	Engine Assembly	1
55	83–7590	Pulley – Engine	1

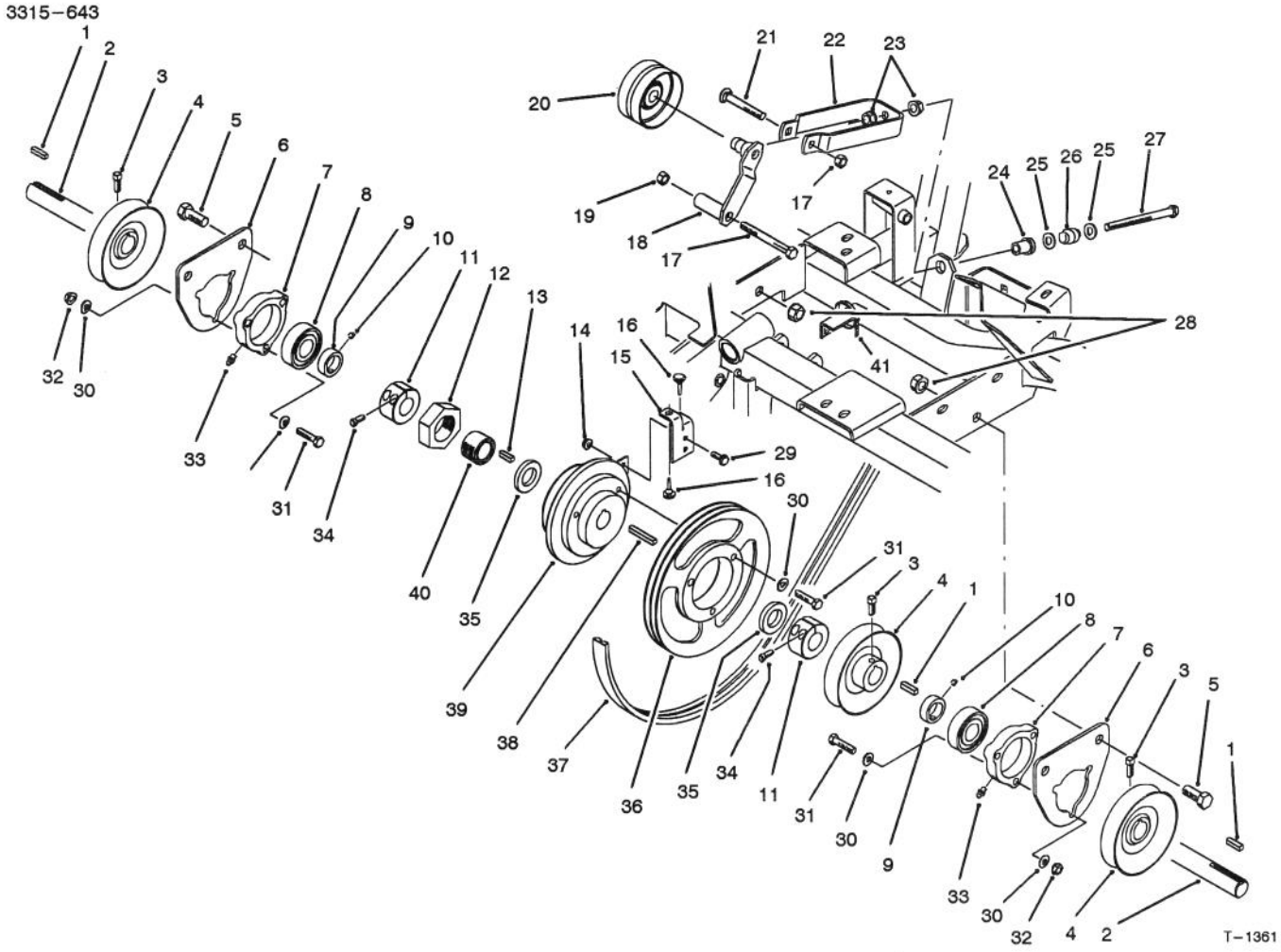
†Obtain from your local Perkins Dealer.



ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
56	83–8470	Bracket – Engine Mount	2
57	65–8270	Waher	1
58	83–9910	Gasket – Muffler	1

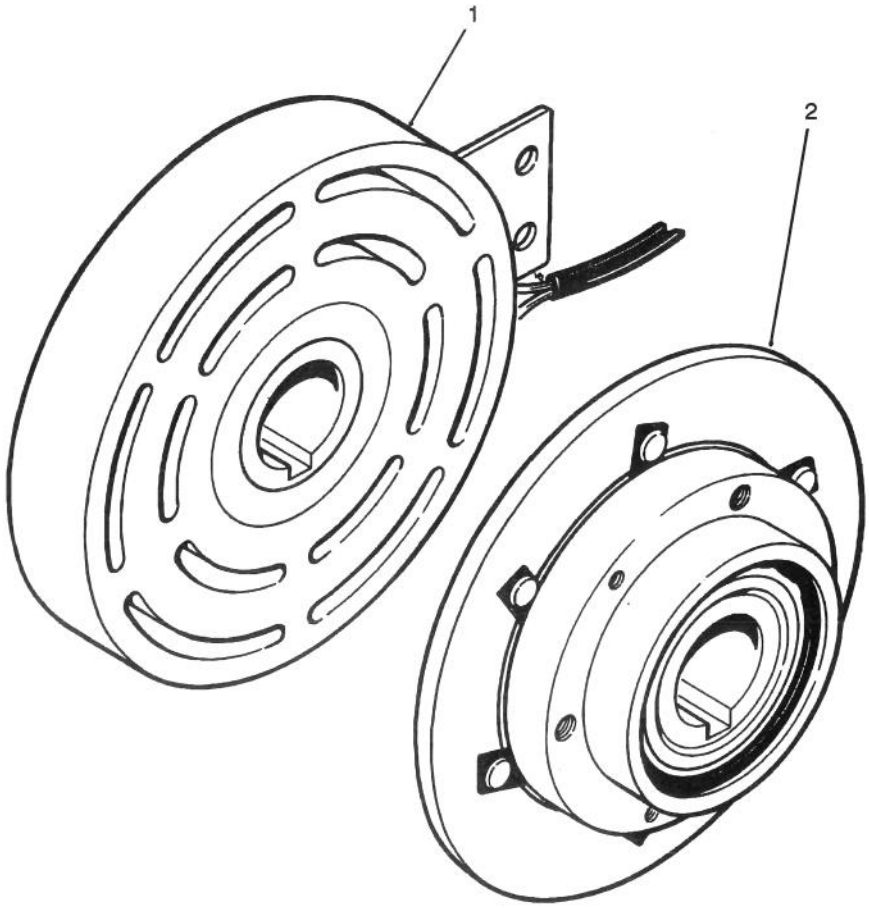
Ref. No.	Part No.	Description	No. Used
59	3290–379	Tie – Cable	2
60	57–6390	Nut	1
61	42–9850	Washer	1



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	61–2350	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

Ref. No.	Part No.	Description	No. Used
21	3231–31	Bolt – Carriage	1
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	83–8420	Pulley – Clutch	1
37	83–8490	Belt – Drive	1
38	83–8080	Key – Square	1
39	83–9140	Clutch Assembly	1
40	83–7800	Sleeve	1
41	3290–379	Tie – Cable	1

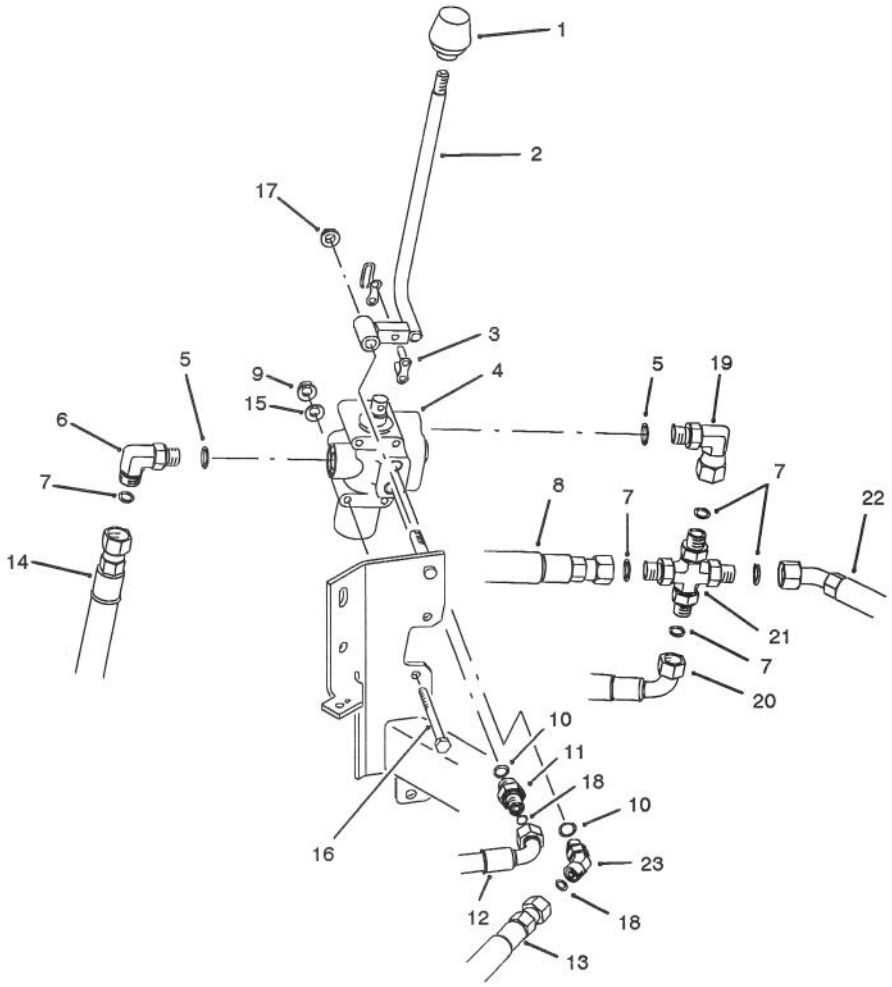


T–1362

ELECTRIC CLUTCH ASSEMBLY NO. 83–9140

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

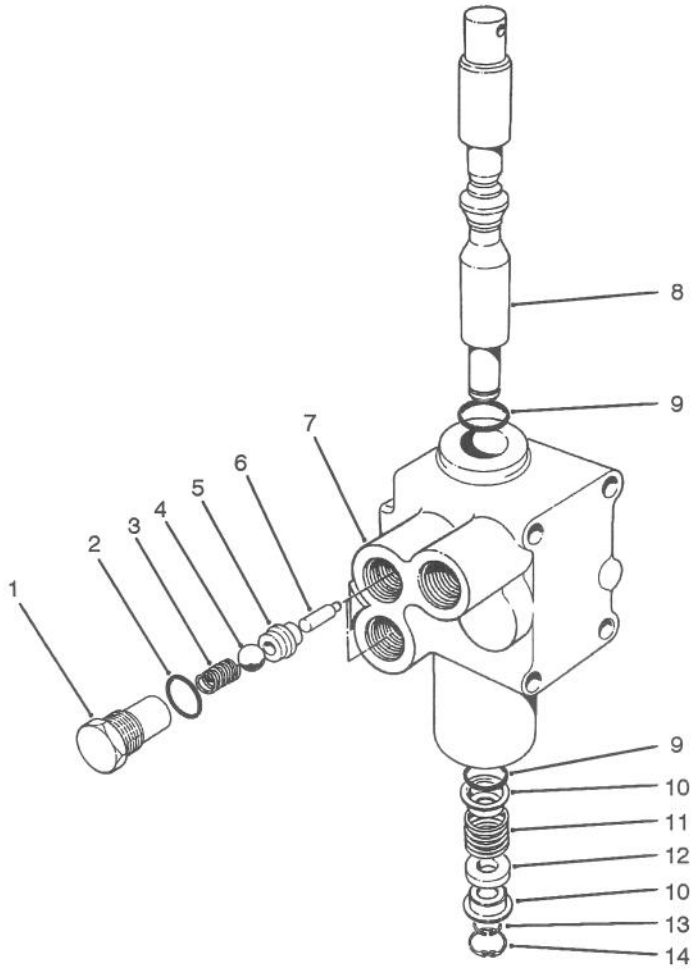
Ref. No.	Part No.	Description	No. Used
2	84–7780	Armature Assembly	1



T–1363

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	5
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	83–9620	Hose – Hydraulic	1
13	85–5810	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	340–23	Fitting – Hydraulic Cross (Incl. Ref. #7)	1
22	85–5190	Hose – Hydraulic	1
23	340–103	Fitting – Hydraulic 45° (Incl. Ref. #10 & 18)	1



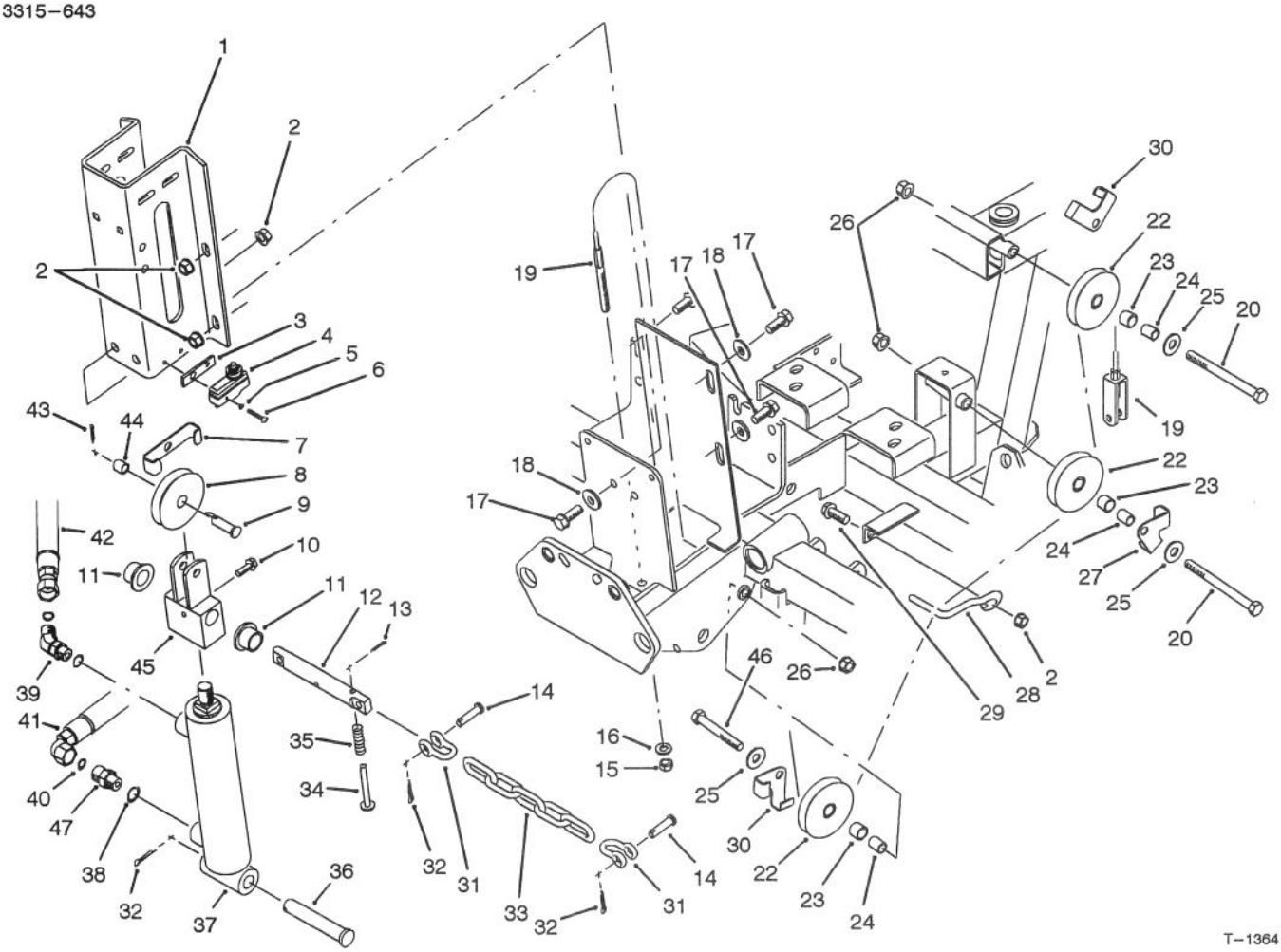
T–0280

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

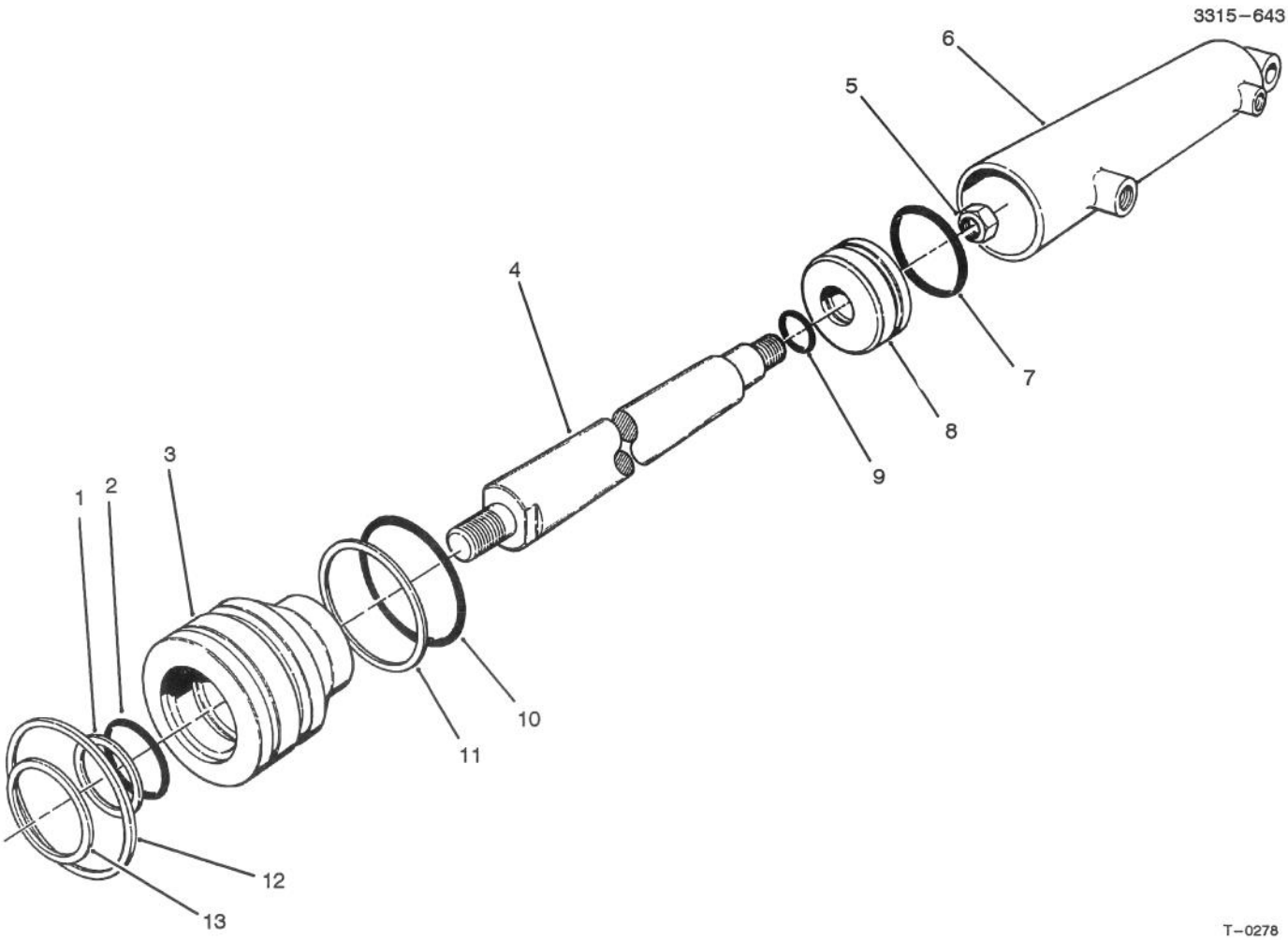
3315–643



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	61–2990	Spacer – Switch	1
4	29–6163	Switch – Lift	1
5	3254–9	Washer – Lock Internal	2
6	3250–35	Screw – Pan 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.	5
18	80–6990	Washer	4
19	83–8590	Cable – Lift	1
20	323–17	Screw – Cap Hex. Hd.	2
22	61–3210	Cable Pulley Assembly (Incl. Ref. #23)	3
23	256–1	Bushing – Sleeve	3
24	61–3230	Spacer	3

Ref. No.	Part No.	Description	No. Used
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	85–5310	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

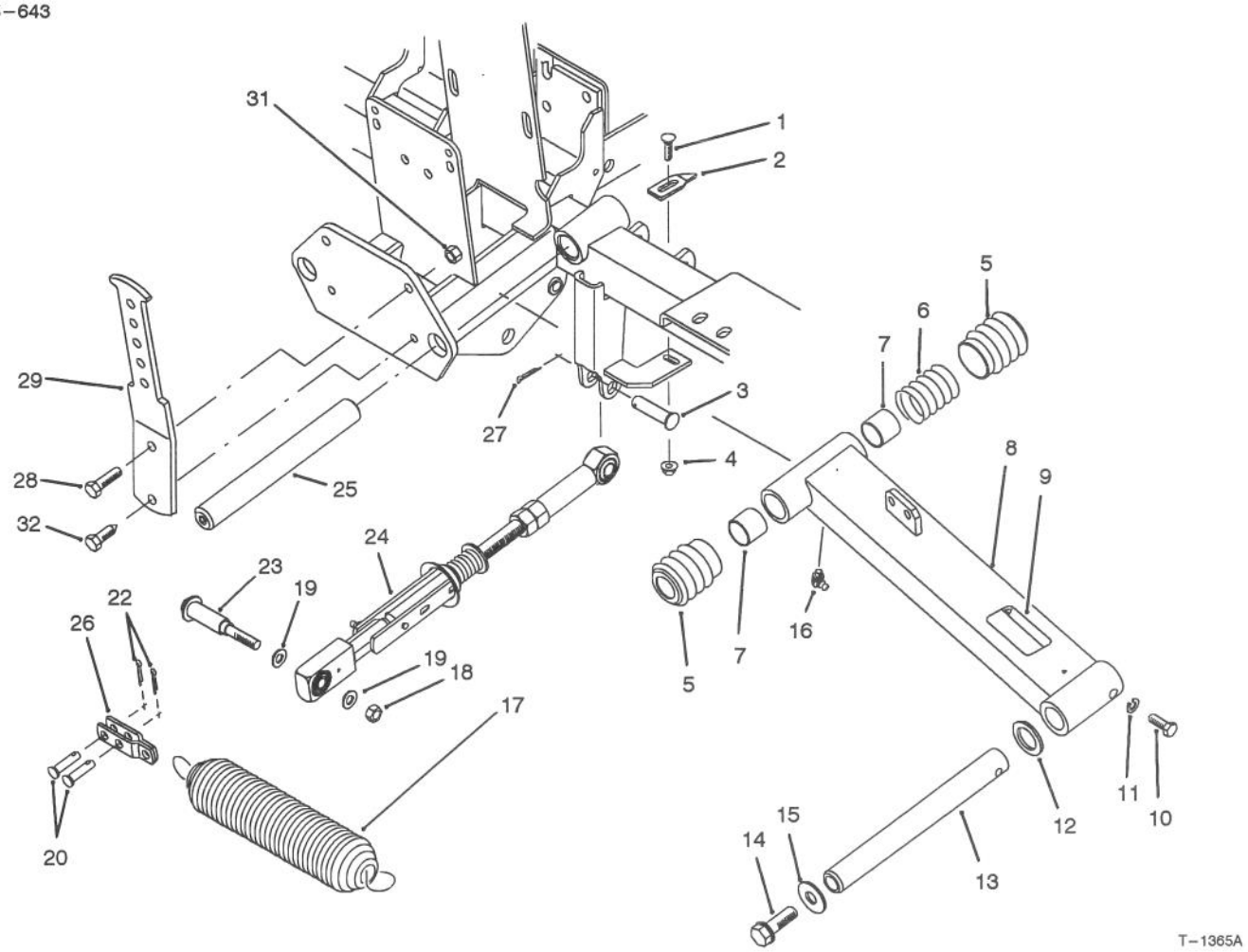


HYDRAULIC CYLINDER ASSEMBLY NO. 76–0020

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



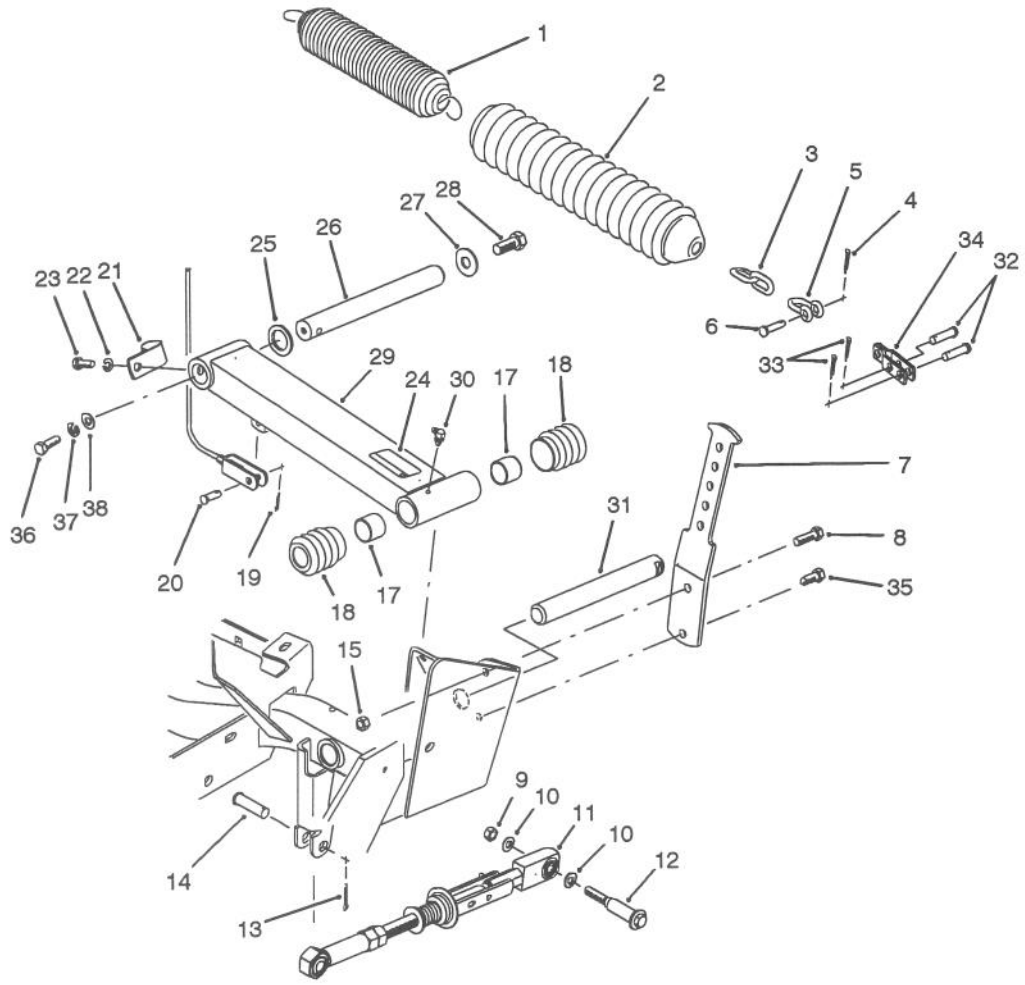
FRONT CUTTING UNIT LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3229–1	Bolt – Carriage	2
2	76–2430	Scraper – Pulley	2
3	283–40	Pin – Clevis	2
4	32128–33	Nut – Flange Lock	2
5	61–7250	Boot	4
6	61–3270	Spring – Compression	2
7	3–0348	Bushing – Sleeve	4
8	92–2404	Lift Arm Assembly L.H. (Incl. Ref. #7 & 16)	1
*	92–2405	Lift Arm Assembly R.H. (Incl. Ref. #7 & 16)	1
‡9	55–4300	Decal – Warning	2
10	322–4	Screw – Cap Hex. Hd.	2
11	3253–4	Washer – Lock	2
12	256–115	Washer – Thrust	2
13	92–1815	Rod – Pivot	2
14	3234–32	Screw – Hex. Flange Hd.	2

Ref. No.	Part No.	Description	No. Used
15	3256–6	Washer – Flat	2
16	302–60	Fitting – Grease	2
17	5–0743	Spring – Extension	2
18	3296–59	Nut – Lock	2
19	3256–45	Washer – Flat	4
20	283–75	Pin – Clevis	4
22	3272–10	Pin – Cotter	4
23	76–0370	Bolt – Shoulder	2
24	83–7900	Belt Tensioner Assembly	2
25	92–1812	Shaft – Lift Pivot	2
26	92–1822	Shackle	2
27	3272–13	Pin – Cotter	2
28	323–7	Screw – Cap Hex. Hd.	2
29	92–1818	Arm – Tension	2
31	3296–39	Nut – Lock	2
32	32104–6	Screw – Cap Hex. Hd.	2

*Not Illustrated

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



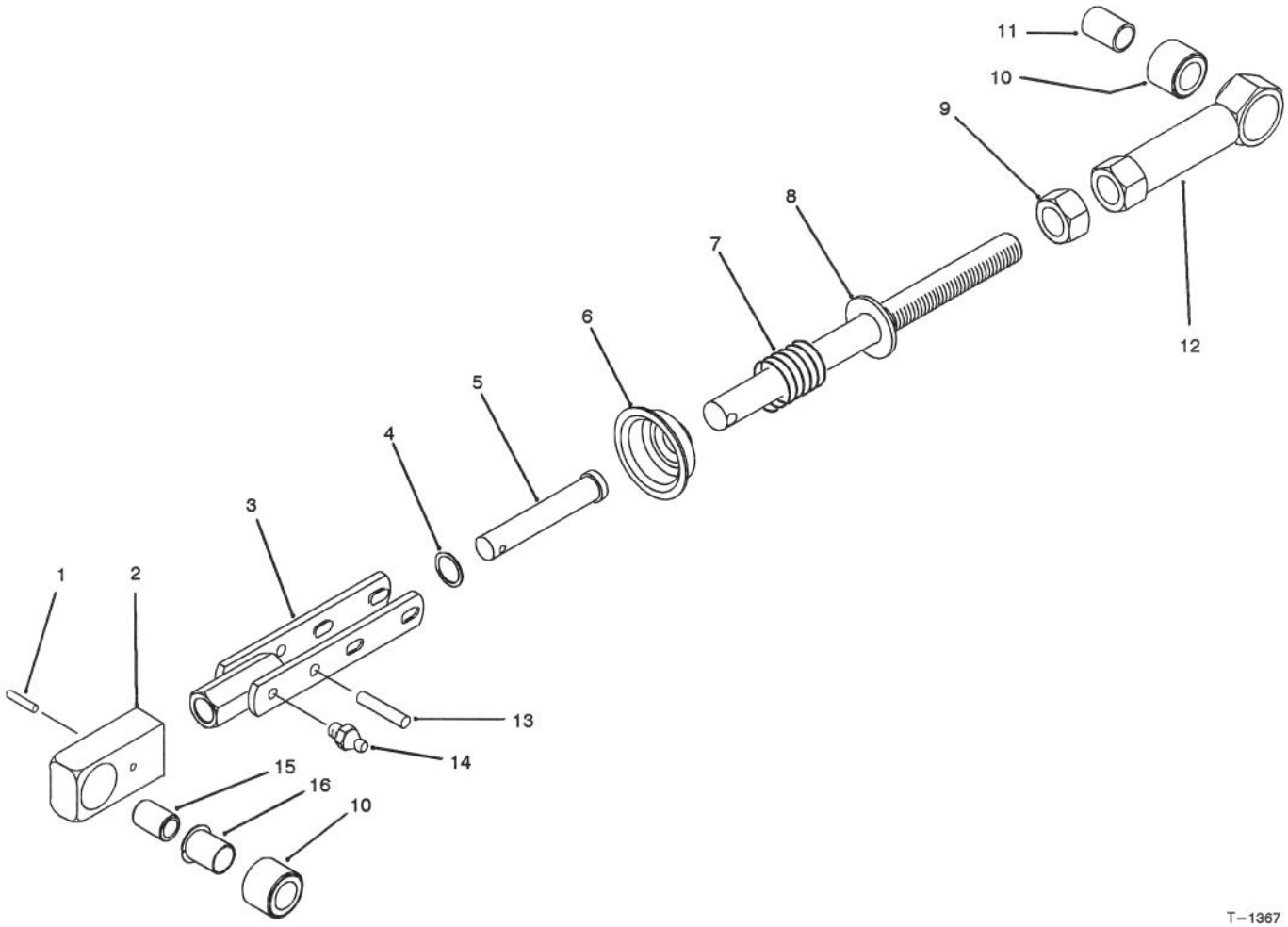
T–1366A

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	1
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	61–2890	Lift Arm Assembly (Incl. Ref. #17 & 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	3253–4	Washer – Lock	1
38	3256–57	Washer – Flat	1

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

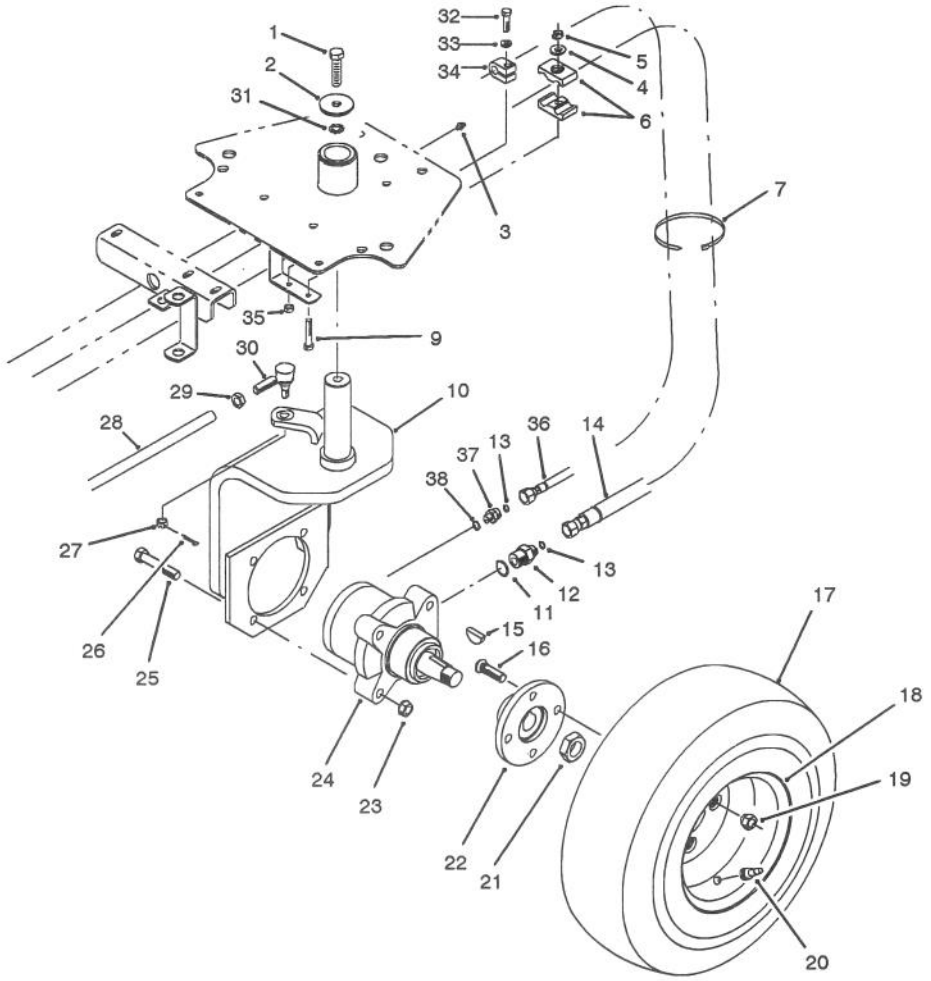


T–1367

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

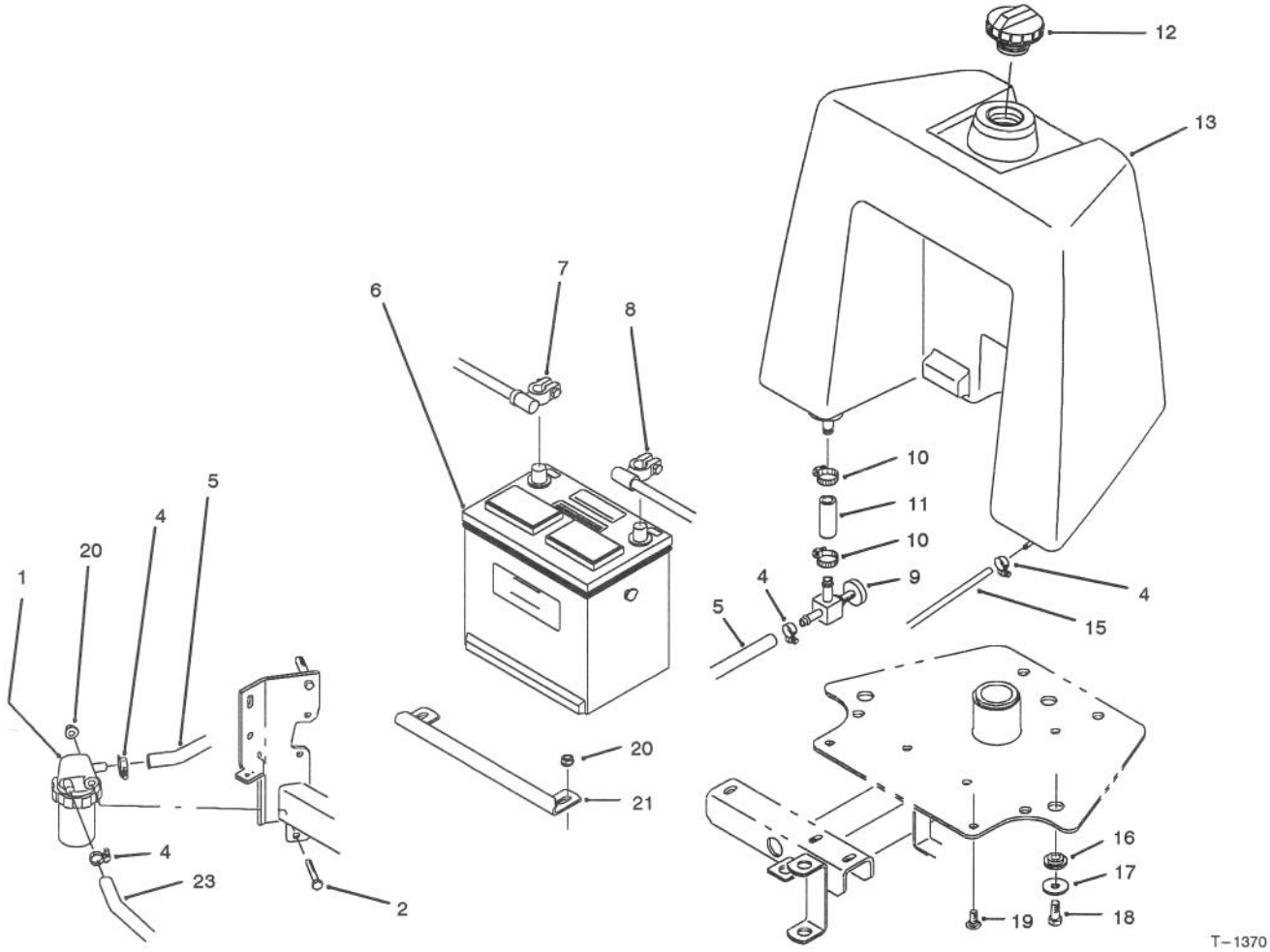


T–1369

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	1
4	3256–3	Washer – Flat	1
5	3296–29	Nut – Flange Lock	1
6	56–7976	Clamp – Hose	2
7	3290–379	Tie – Cable	1
9	322–9	Screw – Cap Hex. Hd.	1
10	83–7270	Fork – Caster	1
11	237–80	Seal – O–Ring	2
12	340–141	Fitting – Hydraulic Straight (Incl. Ref. #11 & 13)	2
13	237–22	Seal – O–Ring	3
14	80–4090	Hose – Hydraulic	2
15	3257–15	Key – Woodruff	1
16	10–6830	Stud – Drive	4
17	231–127	Tire	1
18	242–76	Rim	1
19	242–50	Nut – Lug	4
20	232–47	Valve – Stem	1
21	26–3790	Nut – Lock	1

Ref. No.	Part No.	Description	No. Used
22	10–6870	Hub – Wheel	1
23	3296–23	Nut – Flange Lock	4
24	66–5291	Hydraulic Motor Assembly (Incl. Ref. #15)	1
25	325–11	Screw – Cap Hex. Hd.	4
26	3272–6	Pin – Cotter	1
27	32136–4	Nut – Castle	1
28	61–2070	Rod – Steering	1
29	3220–12	Nut – Jam	1
30	21–0140	Rod End Assembly (Incl. Ref. #27)	1
31	3255–2	Washer – Lock	1
32	321–9	Screw – Cap Hex. Hd.	1
33	3256–22	Washer – Flat	1
34	85–5200	Clamp	1
35	3296–42	Nut – Lock	1
36	85–5190	Hose – Hydraulic	1
37	340–88	Fitting – Hydraulic Straight (Incl. Ref. #13 & 38)	1
38	237–78	Sael – O–Ring	1



FUEL SYSTEM ASSEMBLY

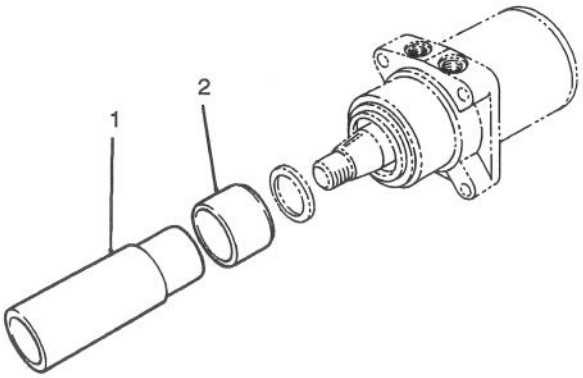
Ref. No.	Part No.	Description	No. Used
†1	130366040	Fitler – Fuel	1
2	321–12	Screw – Cap Hex. Hd.	1
4	2412–108	Clamp – Hose	4
5	63–7620	Hose – Fuel	1
6	83–9000	Battery	1
7	83–9220	Cable – Battery Pos.	1
8	83–9210	Cable – Battery Neg.	1
9	56–2520	Valve – Fuel Shut–Off	1
10	2412–36	Clamp – Hose	2
11	56–2230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

Ref. No.	Part No.	Description	No. Used
12	70–8621	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

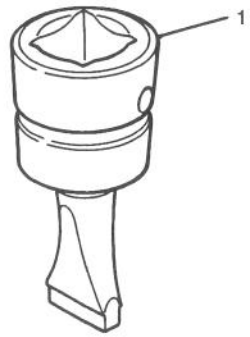
MOTOR SEAL INSTALLATION TOOL NO. *TOR192660



T–0728

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

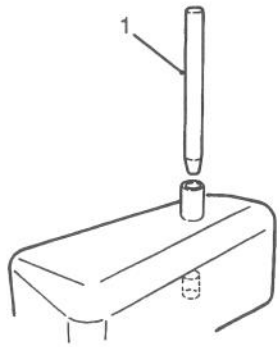
BEDKNIFE SCREW TOOL NO. *TOR510880



T–0729

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

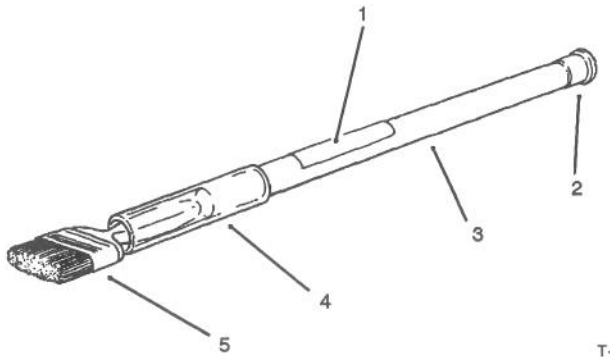
HYDRAULIC OIL RESERVOIR PLUG NO. *TOR634310



T–1213

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

BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



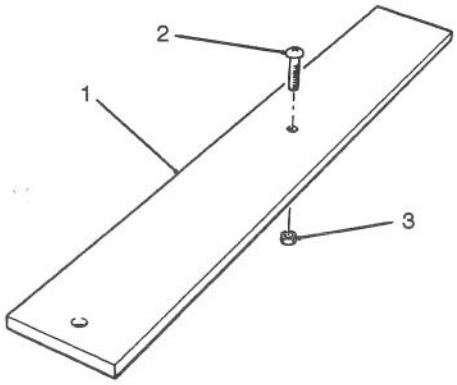
T–0731

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.

SPECIAL TOOLS

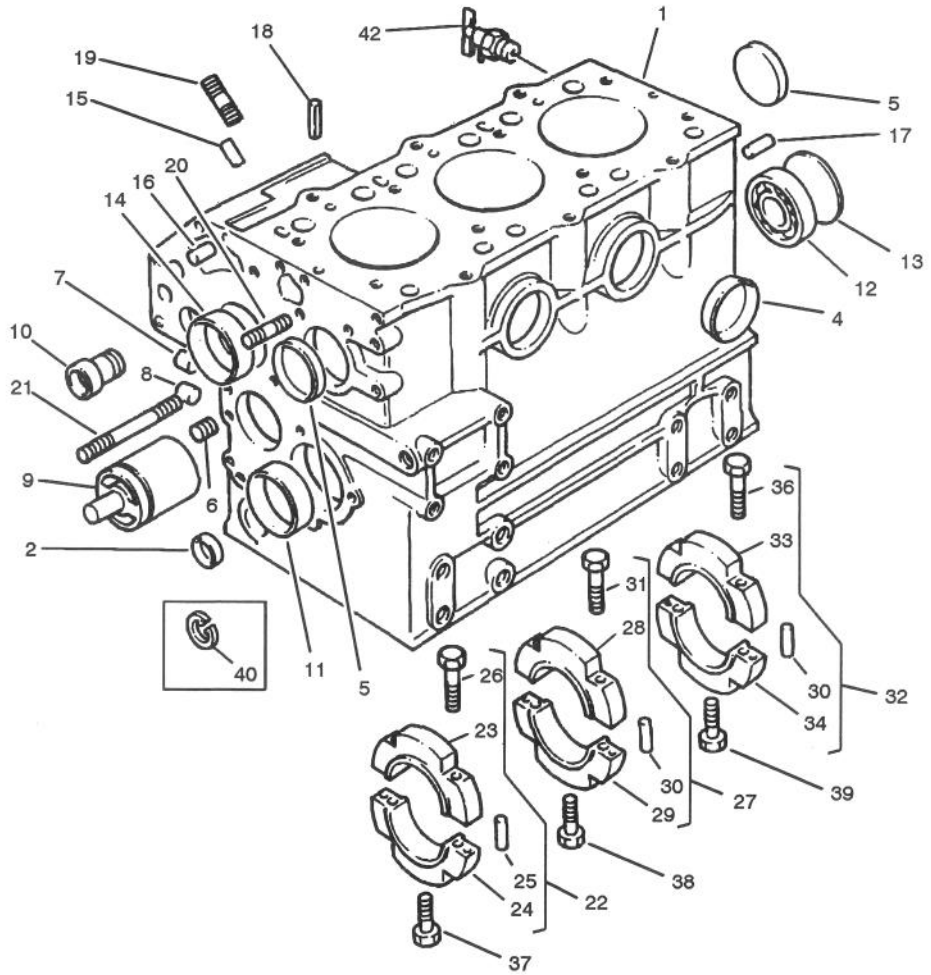
GAUGE BAR ASSEMBLY NO. *TOR138199



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

*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.



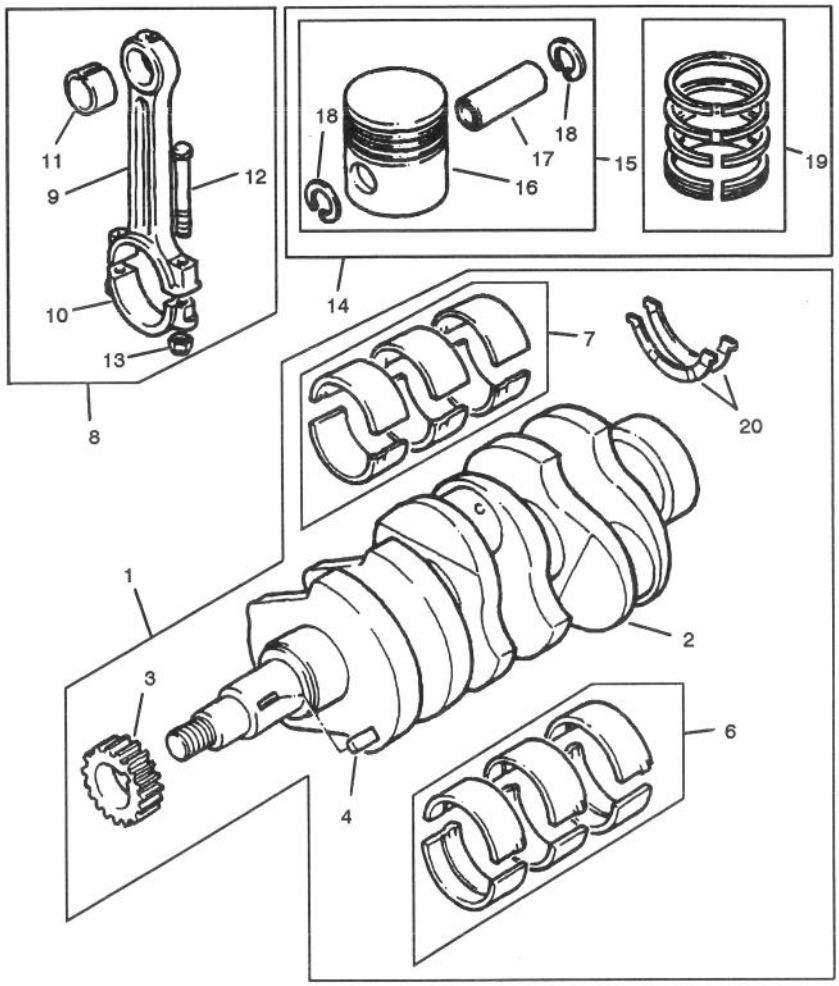
T–1377

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



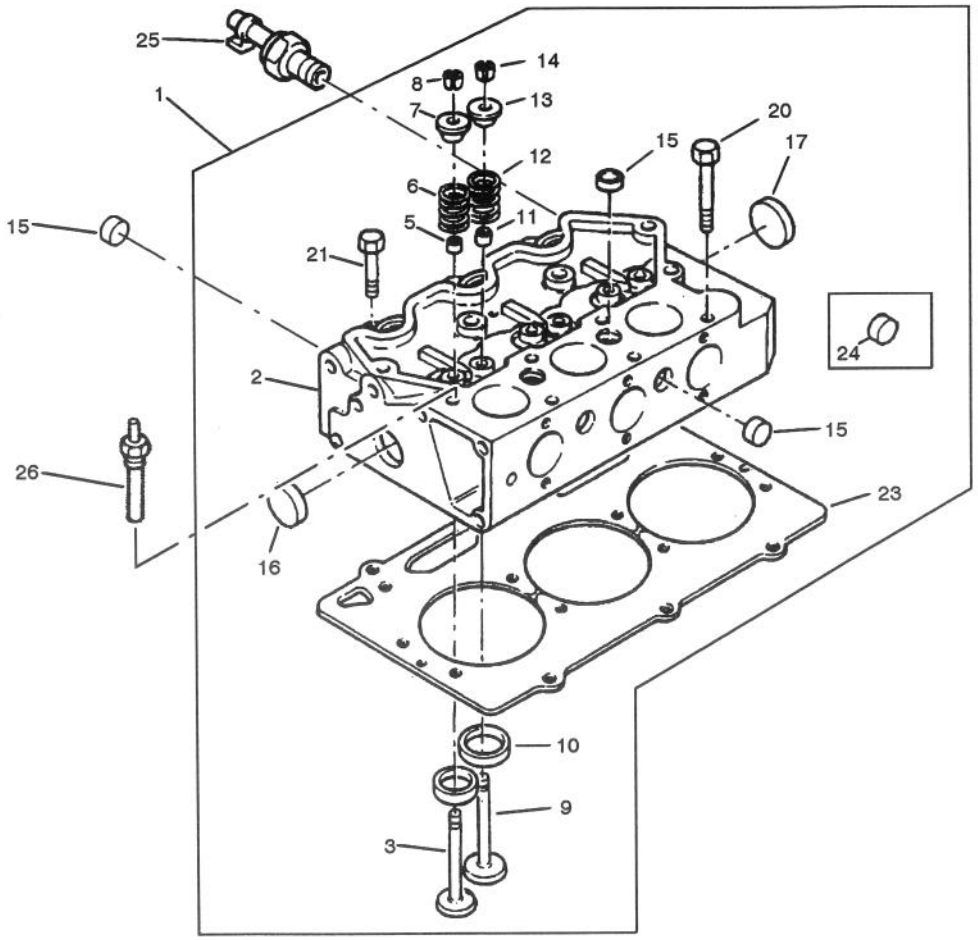
T–1378

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



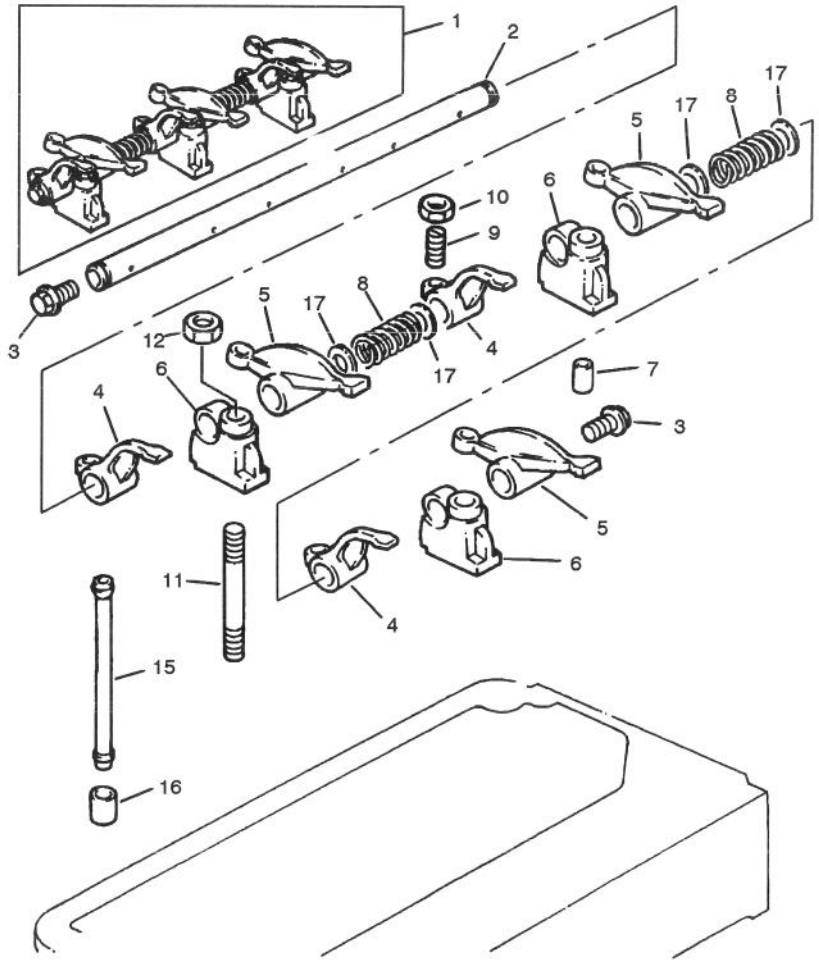
T–1379

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



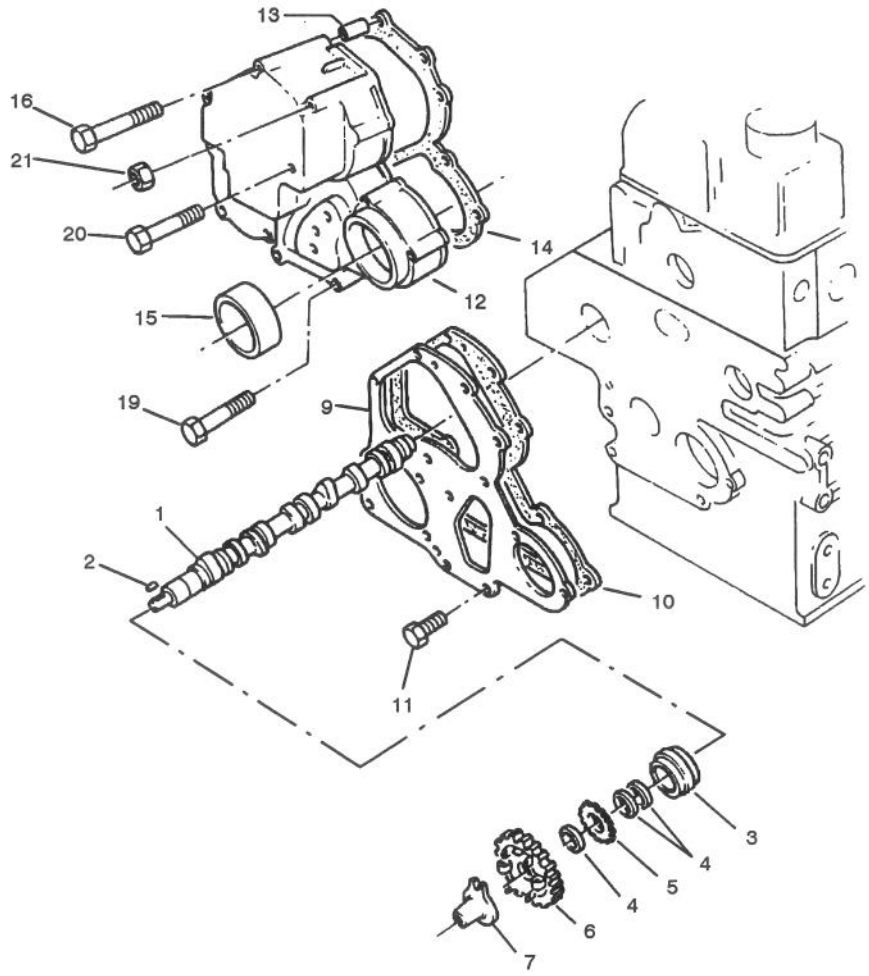
T–1380

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.



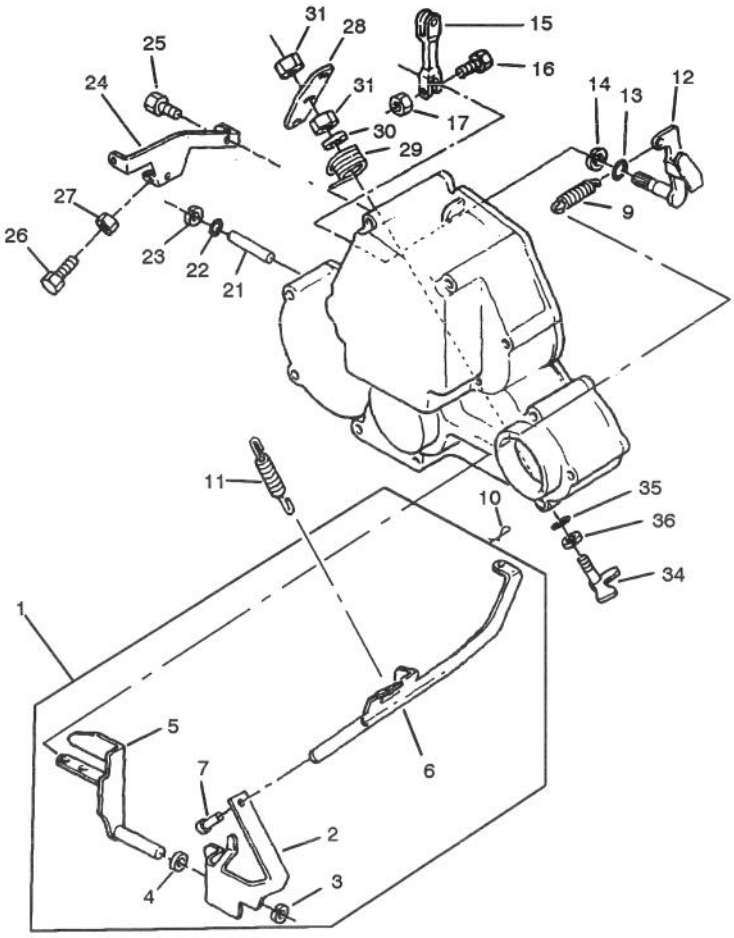
T–1381

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.



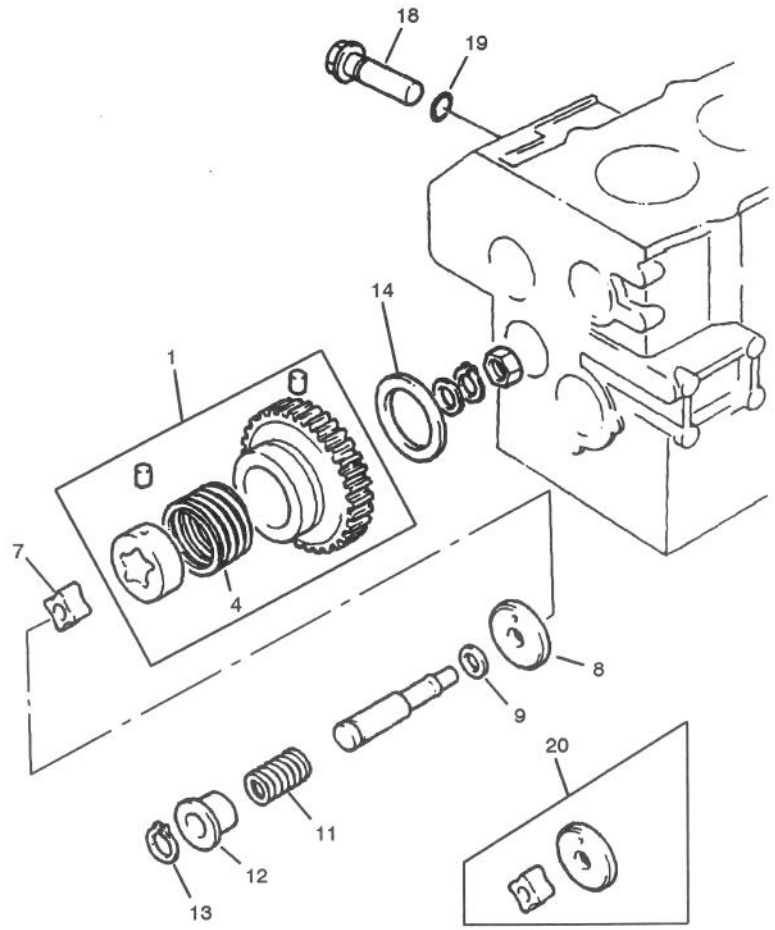
T–1382

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.



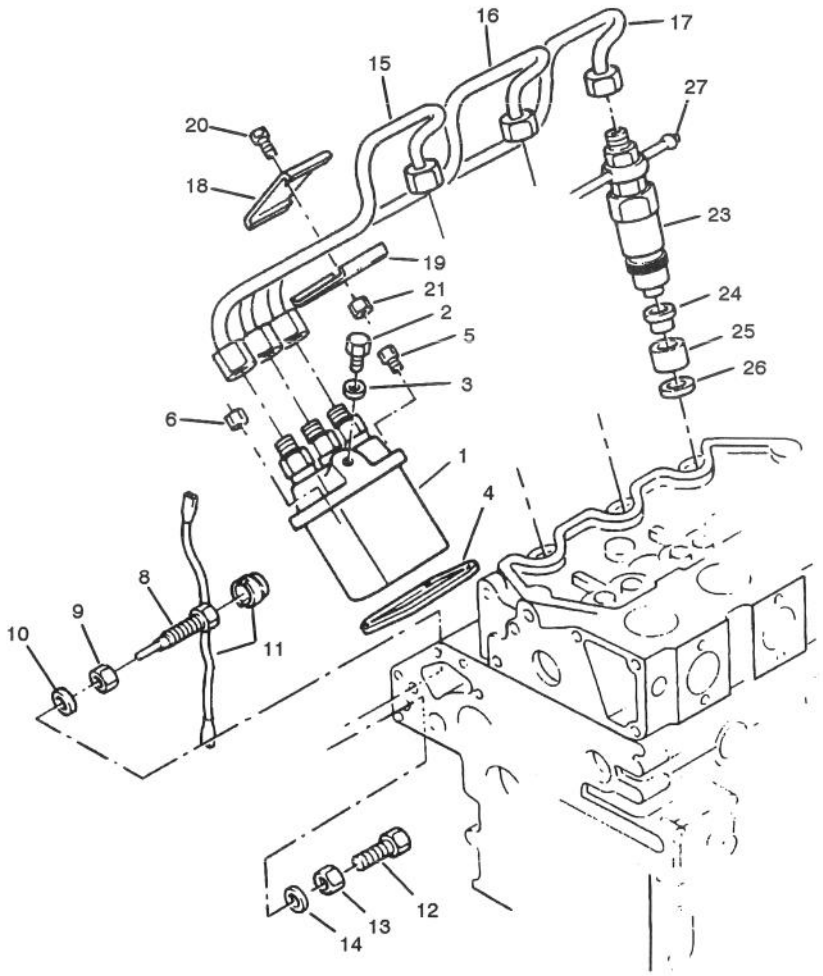
T–1383

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



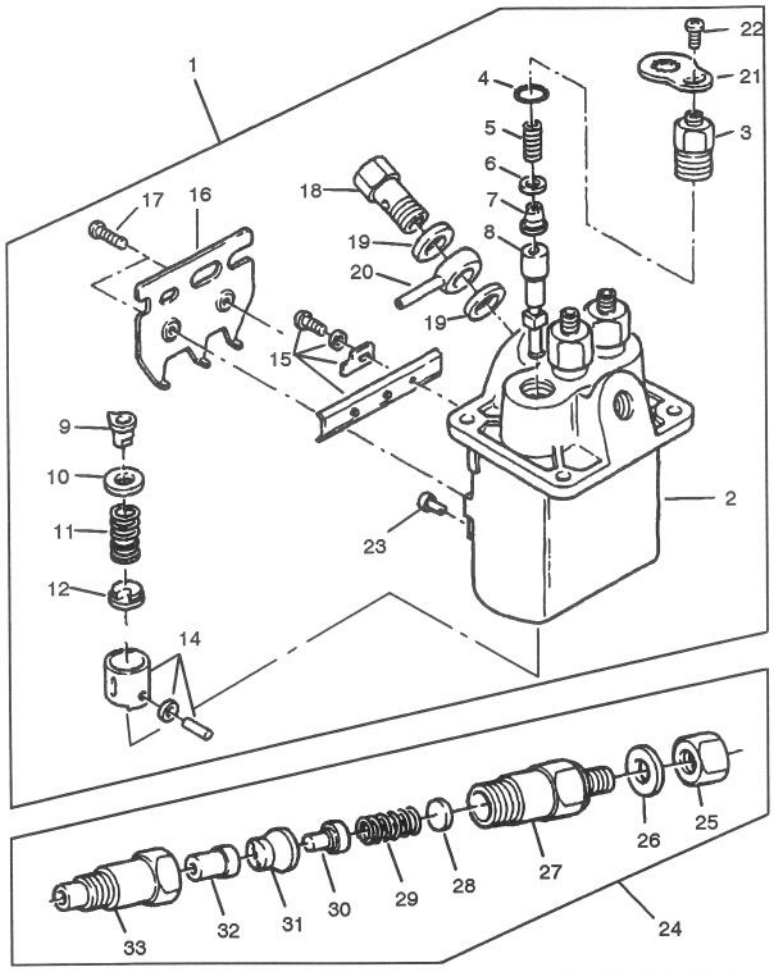
T–1384

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



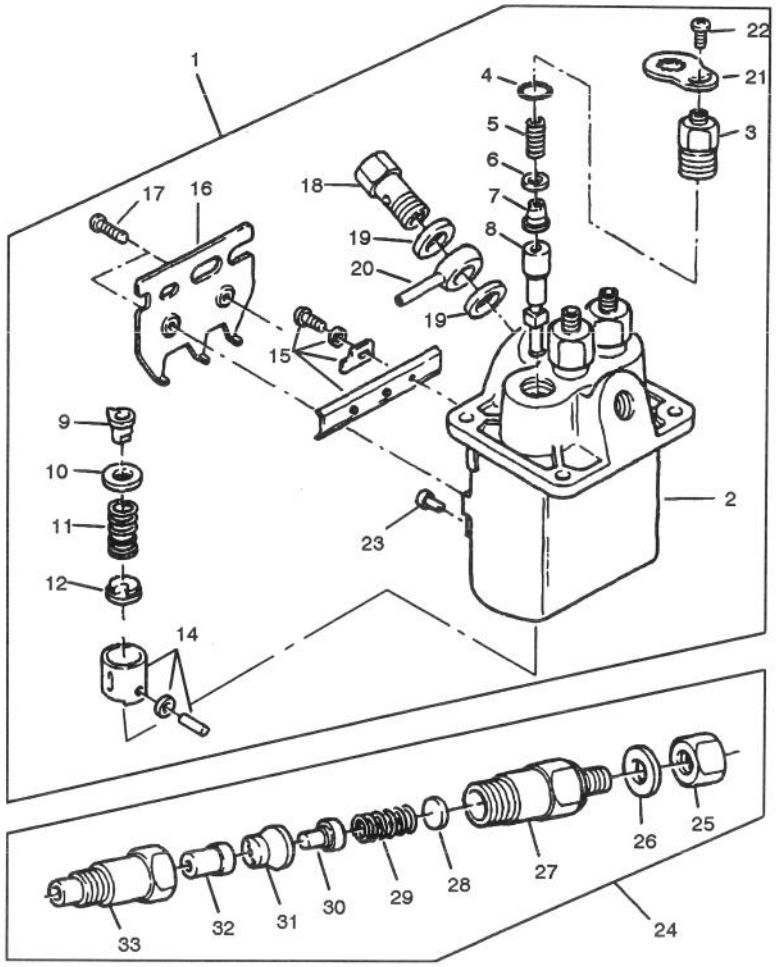
T–1385

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



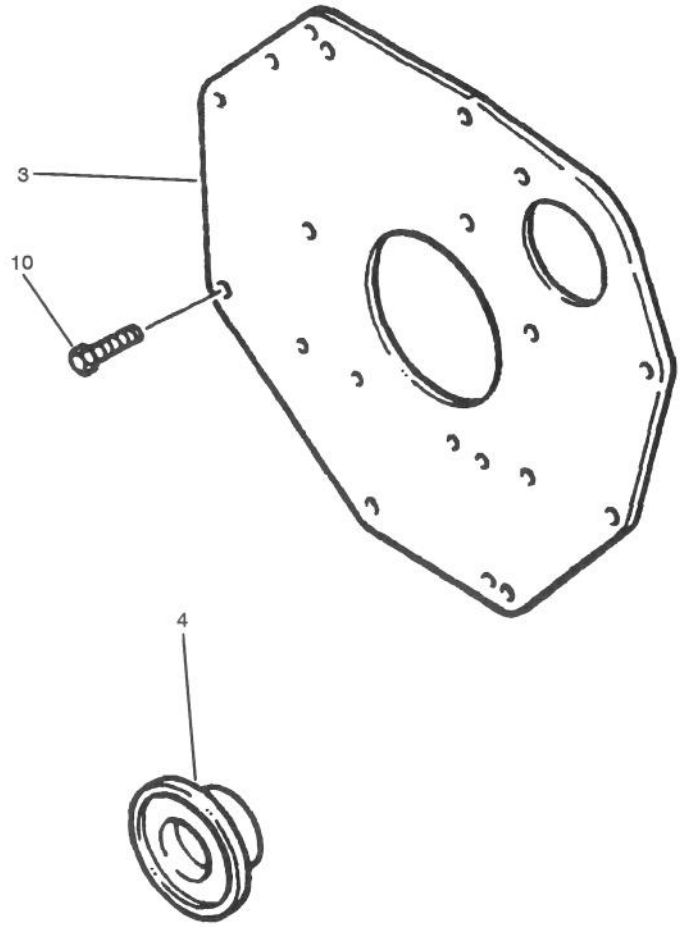
T–1385

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



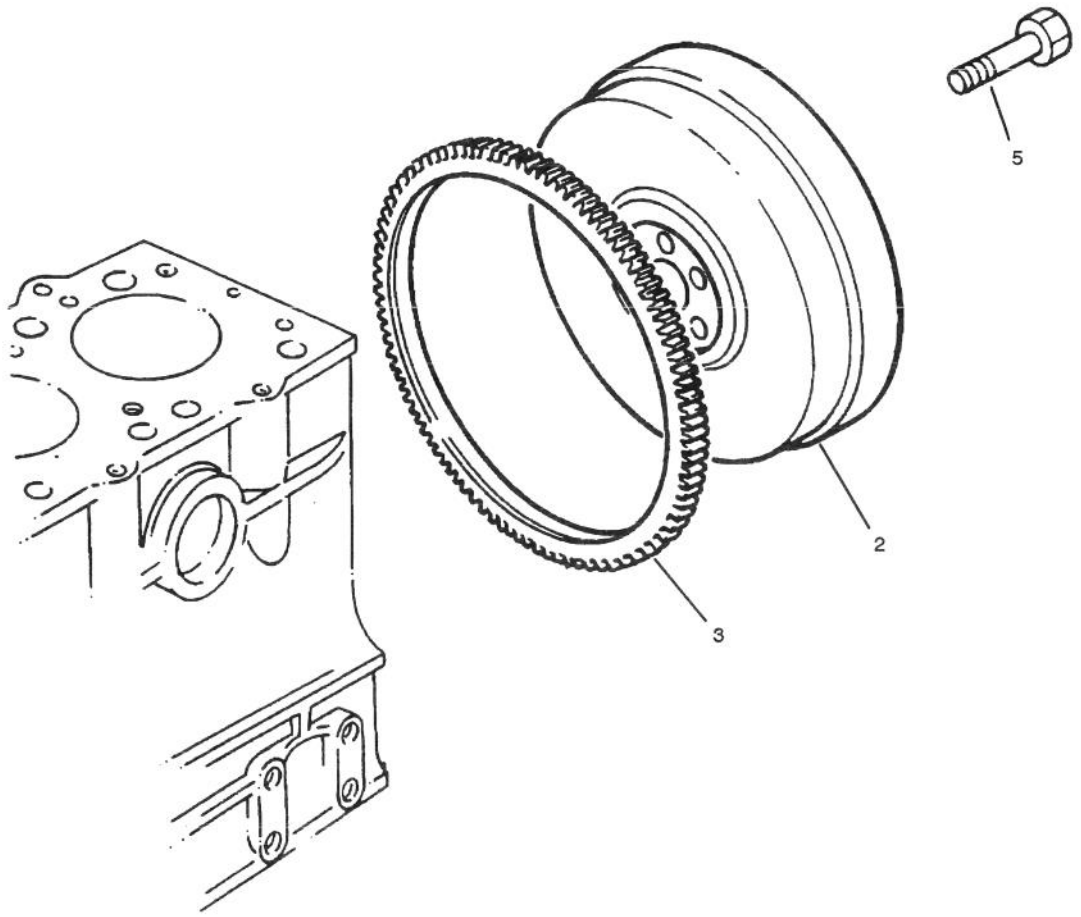
T–1386

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.



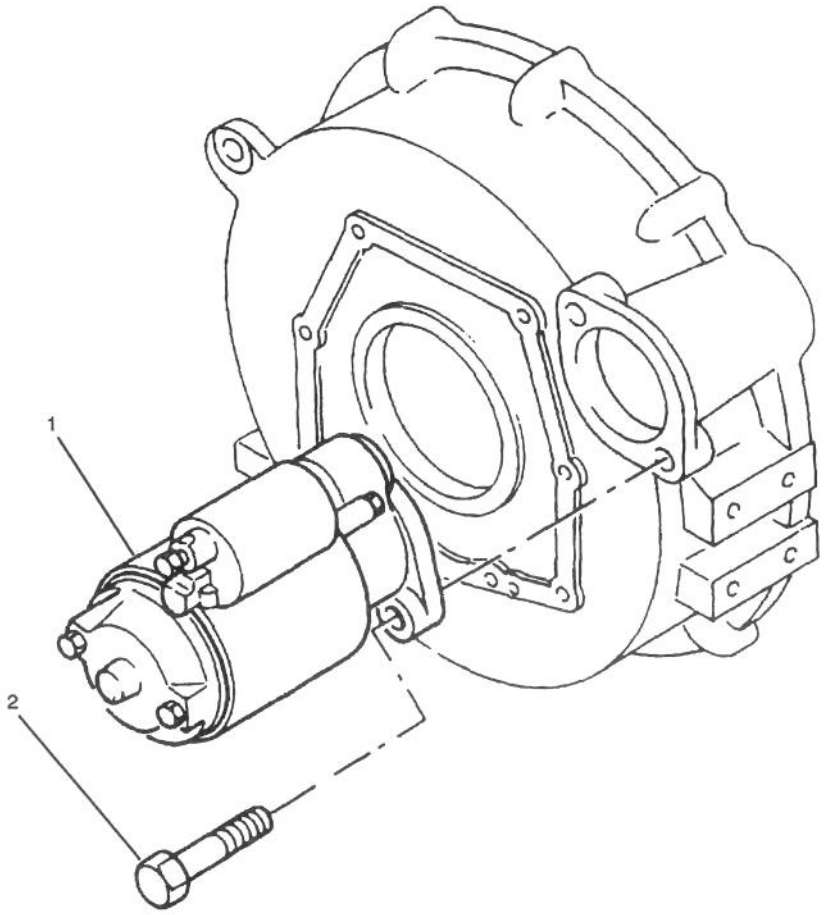
T–1387

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.

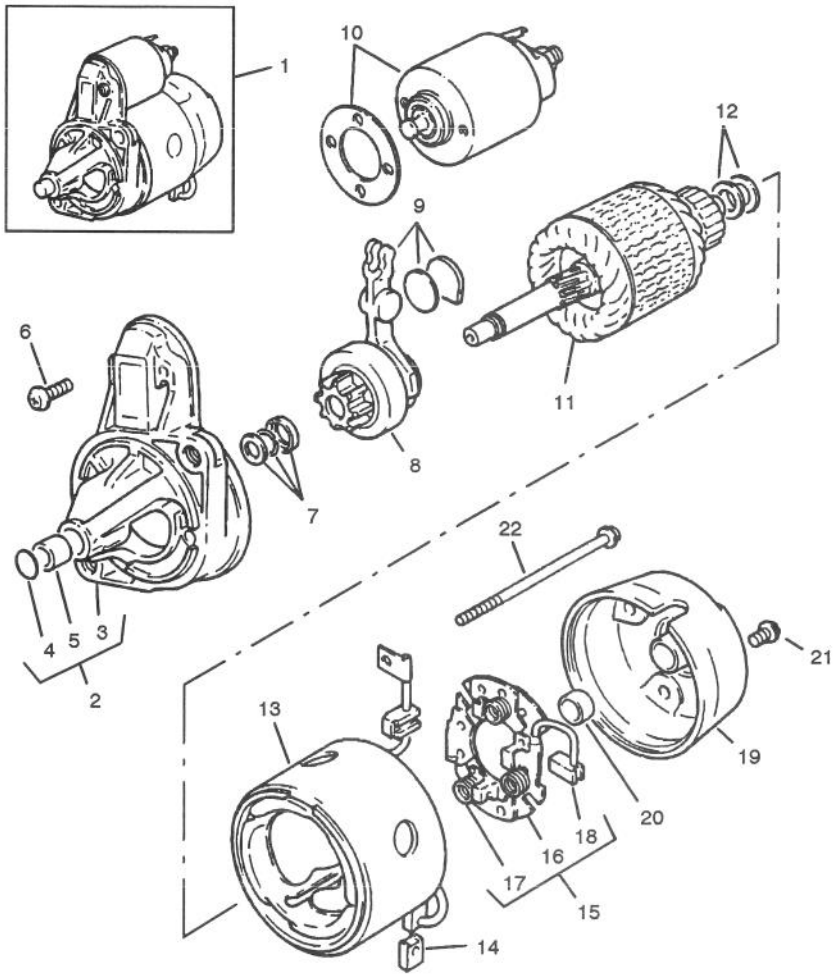


T–1388

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.



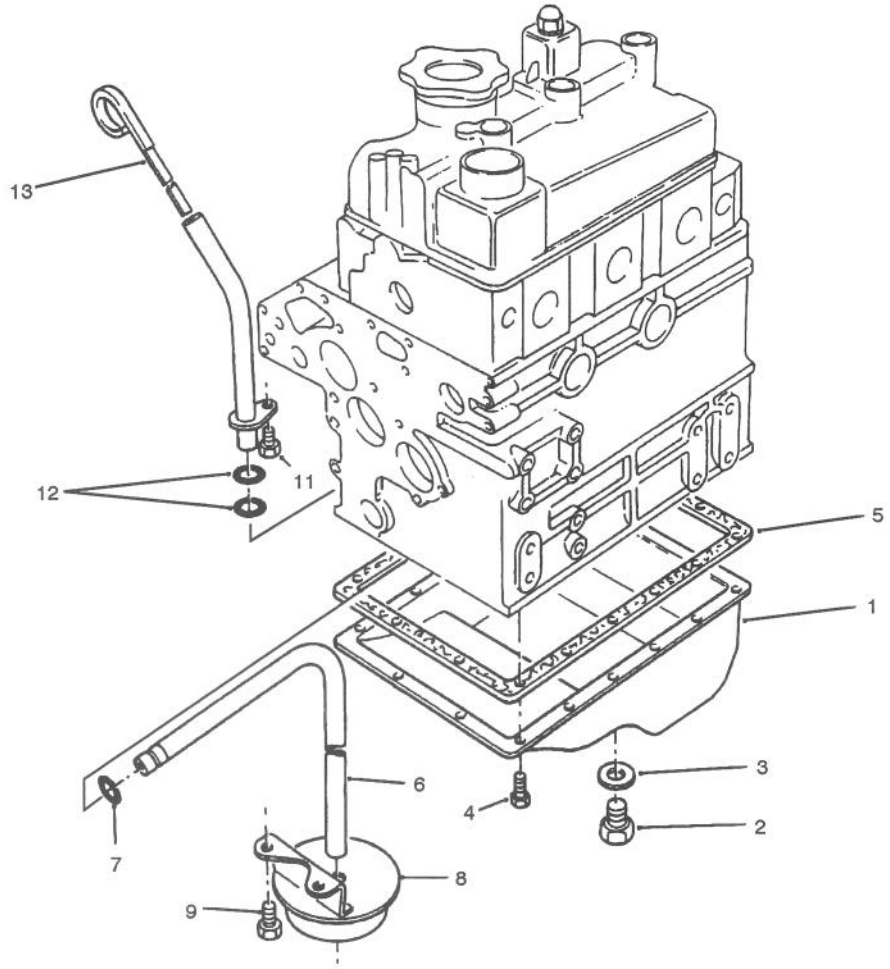
T–1389

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.



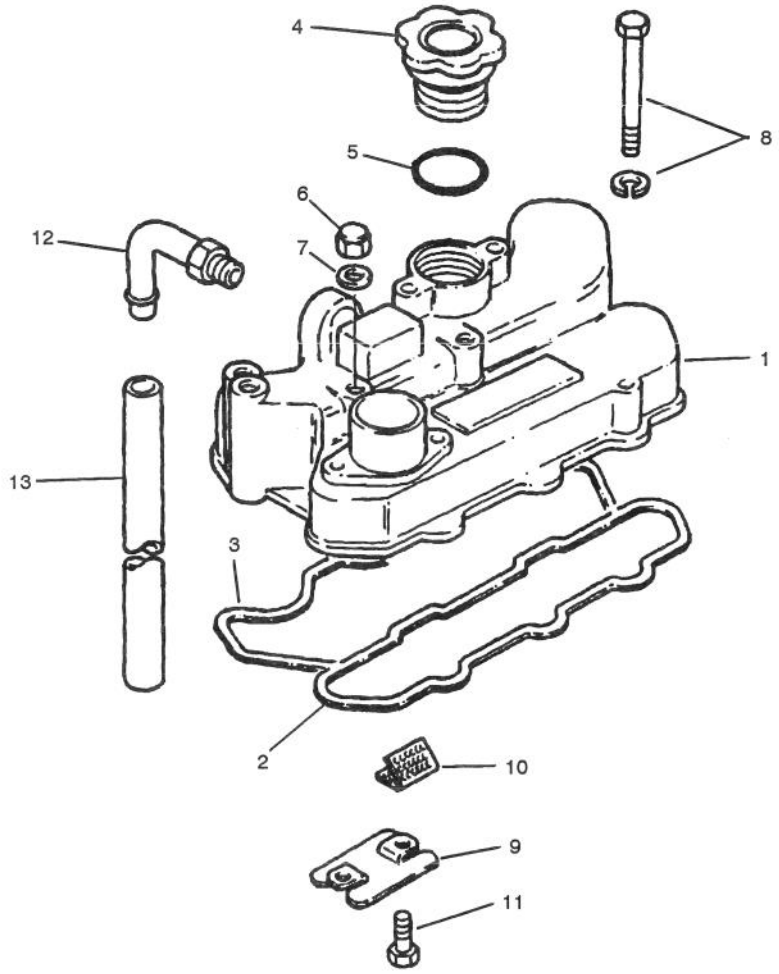
T–1390

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



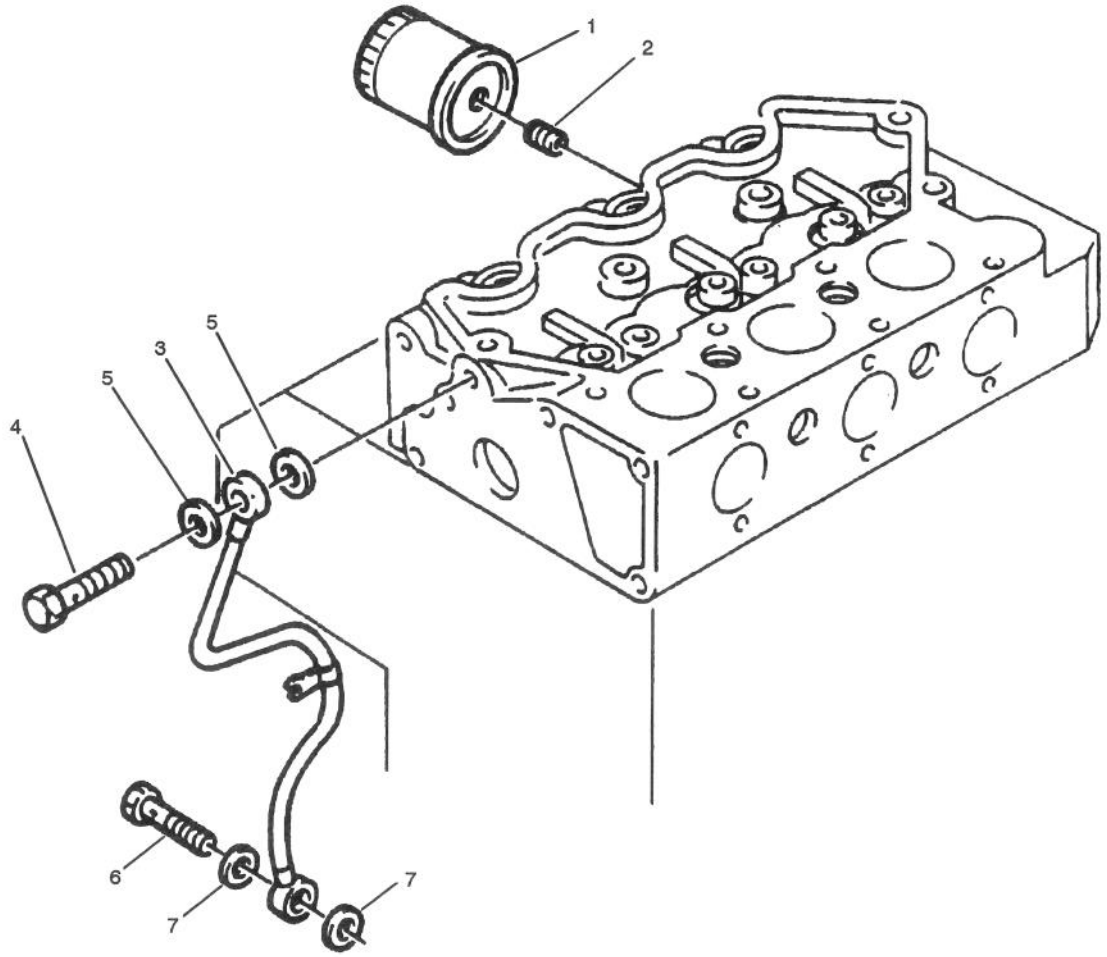
T-1391

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



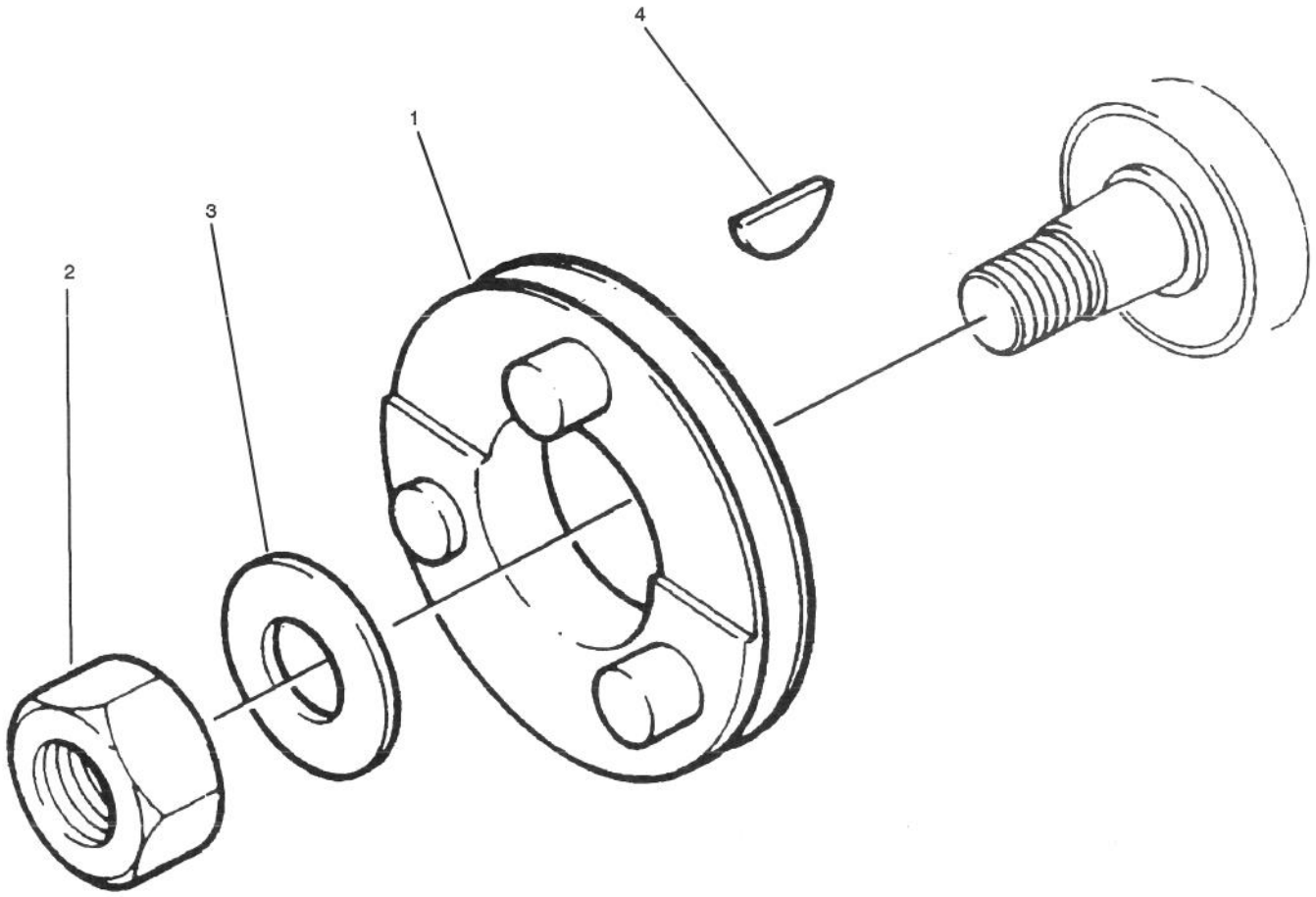
T–1392

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

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.



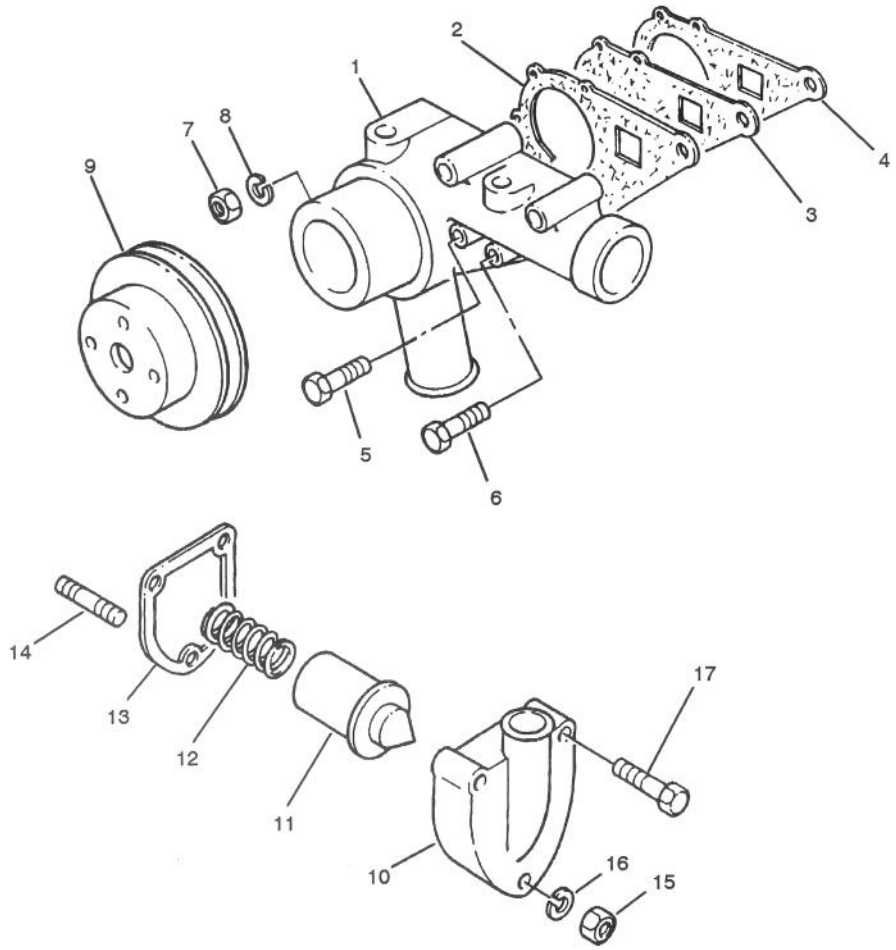
T–1393

FRONT DRIVE 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.



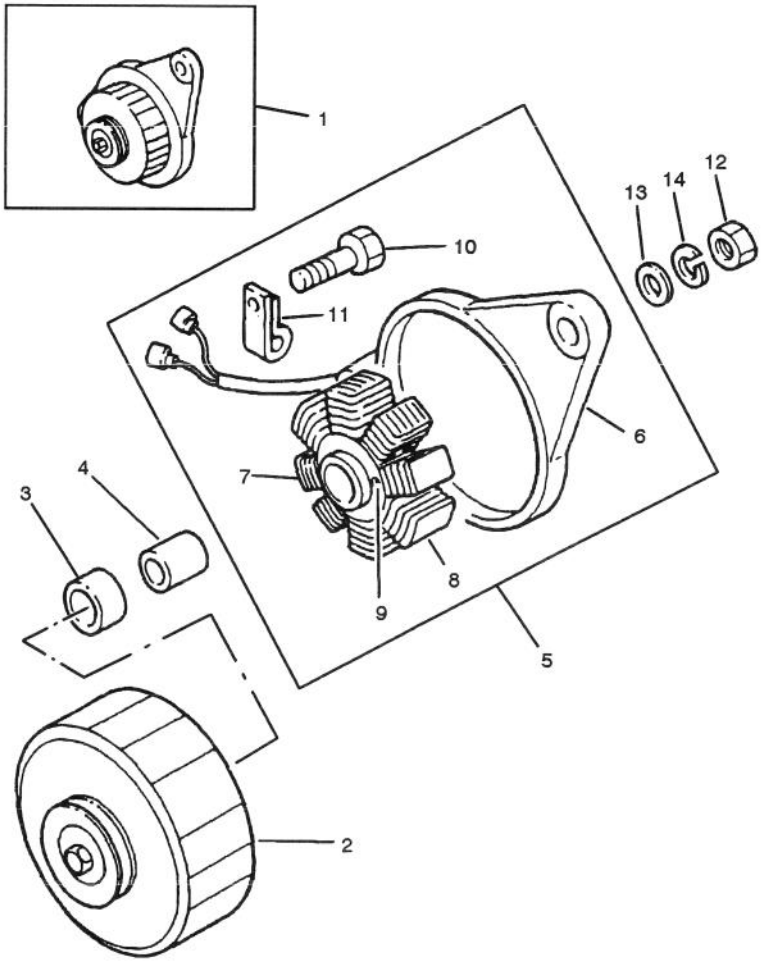
T–1394

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.



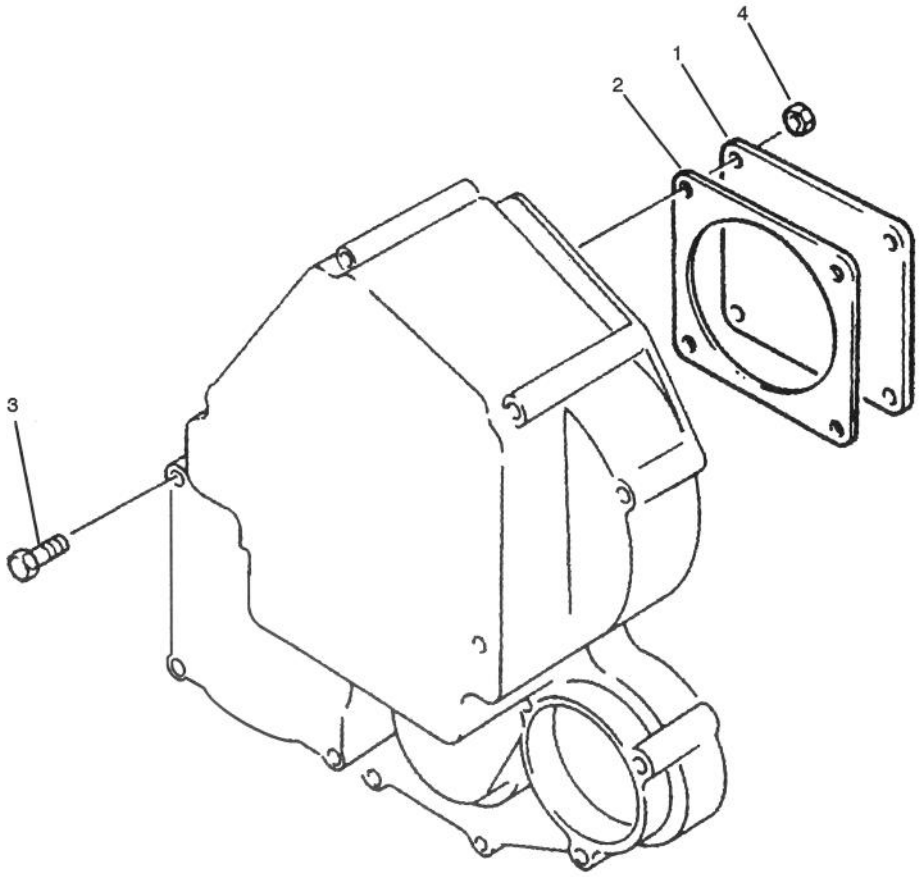
T–1397

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.

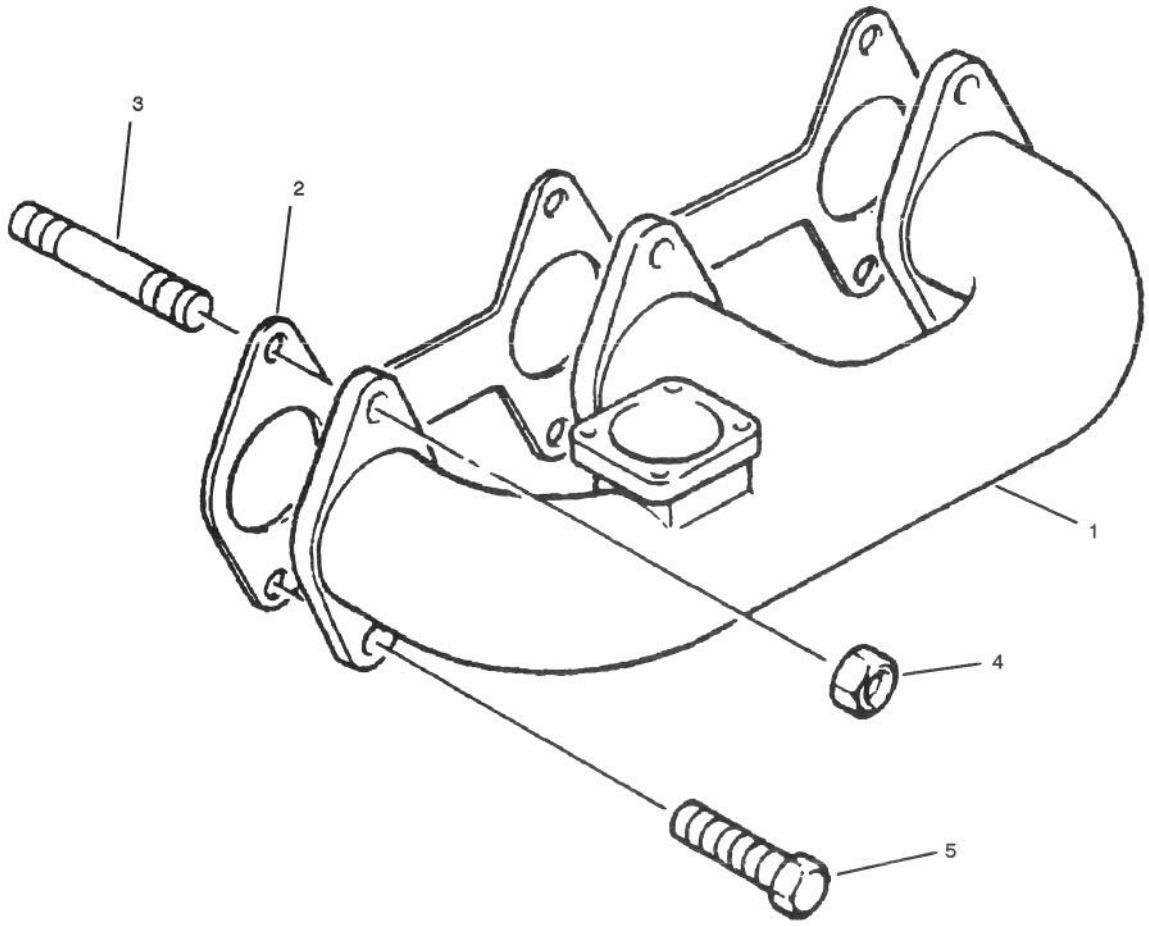


T–1398

TIMING COVER PLATE ASSEMBLY

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

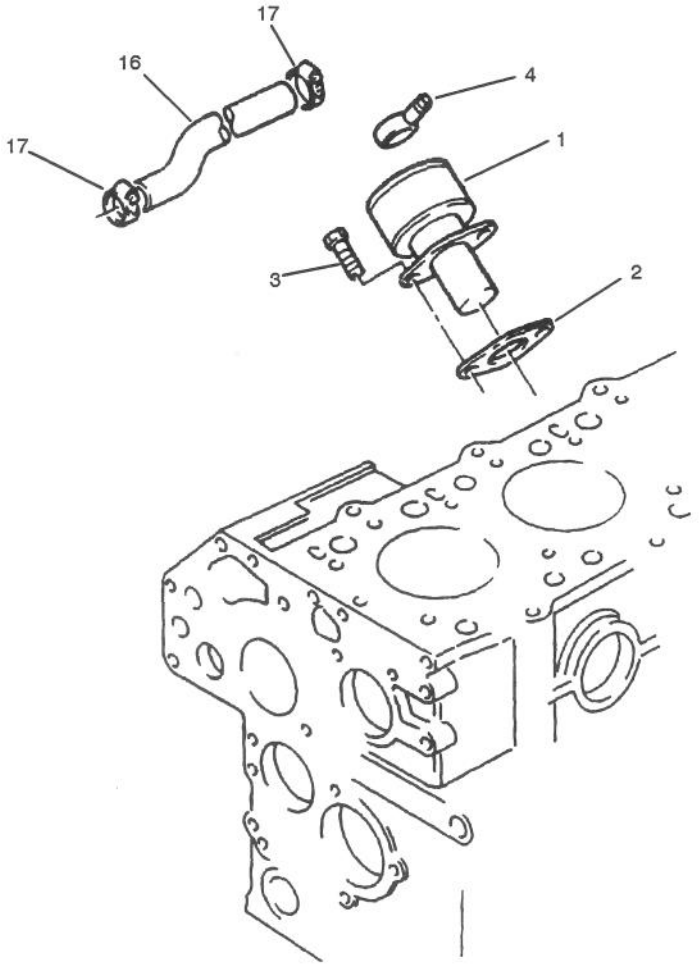


T–1399

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.



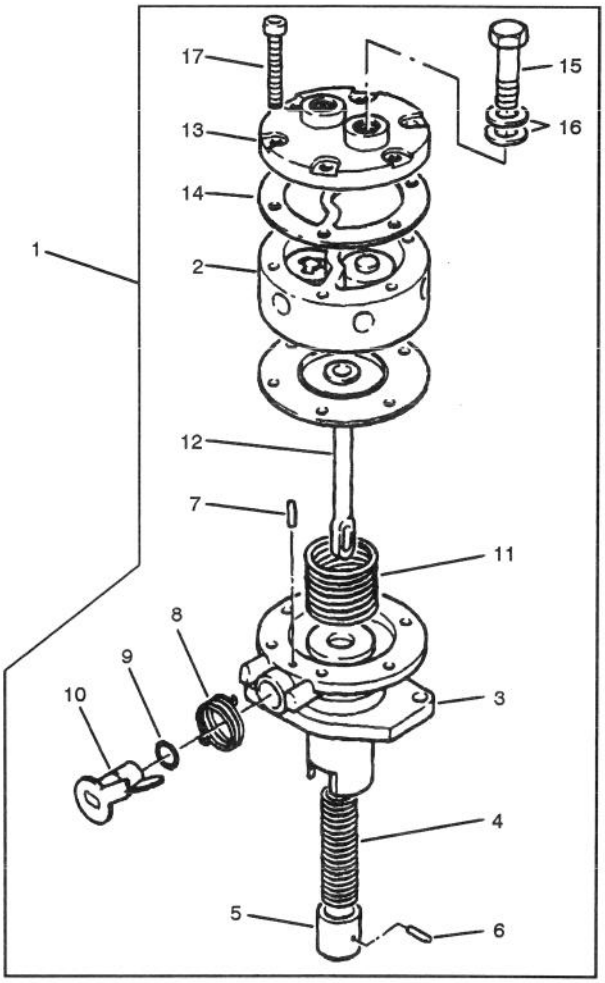
T–1400

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.

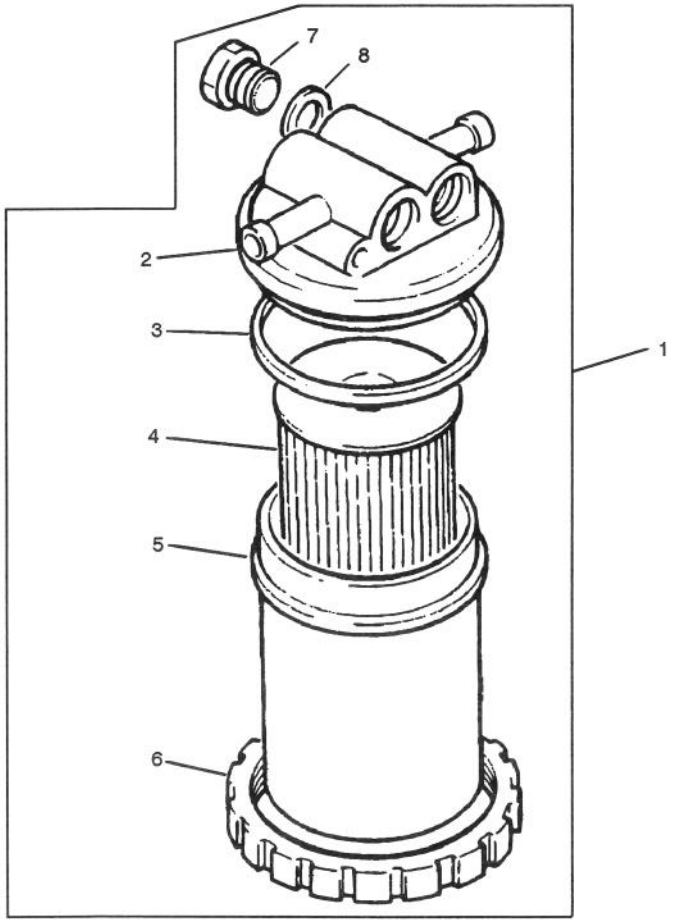


T–1401

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
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.

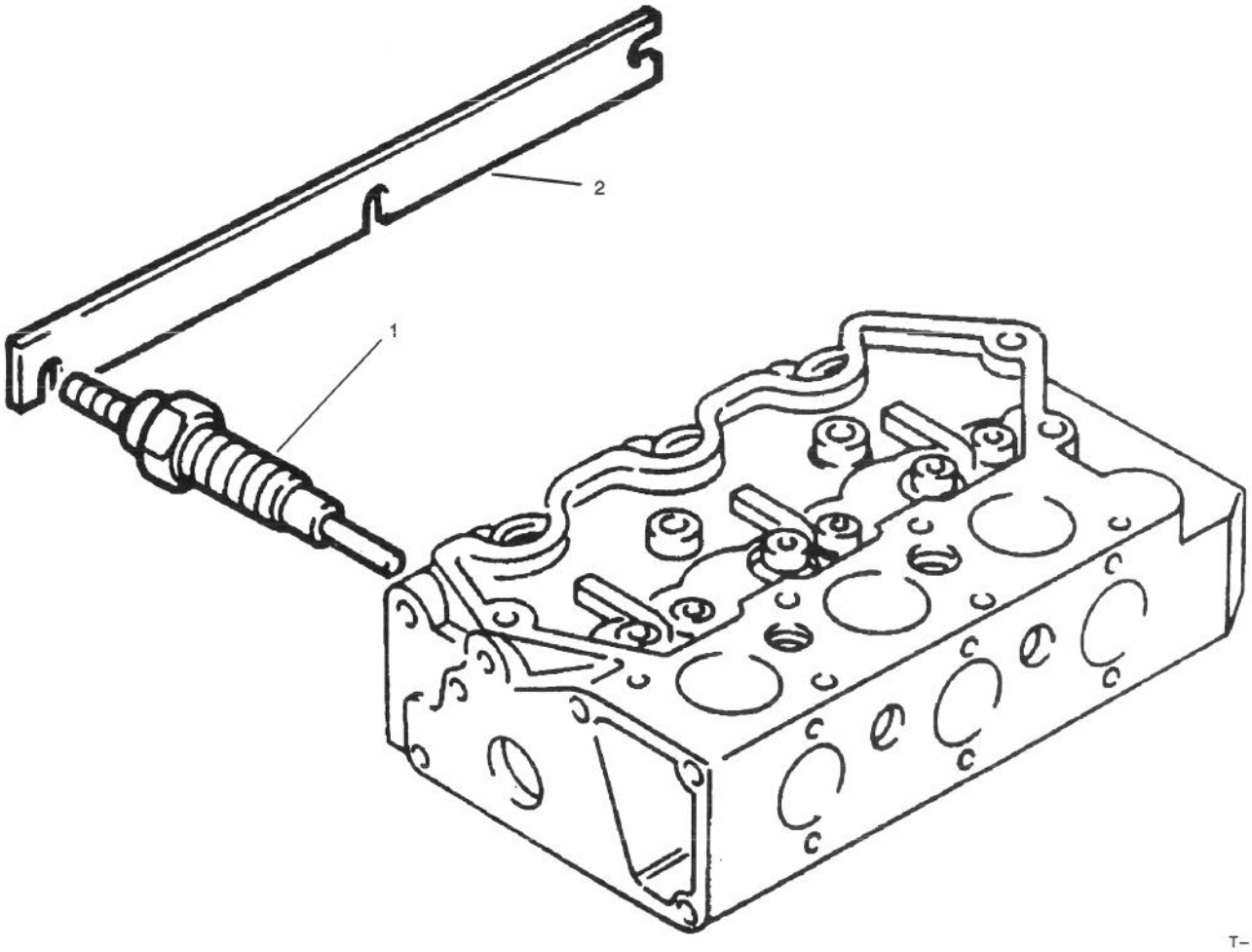


T–1402

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.



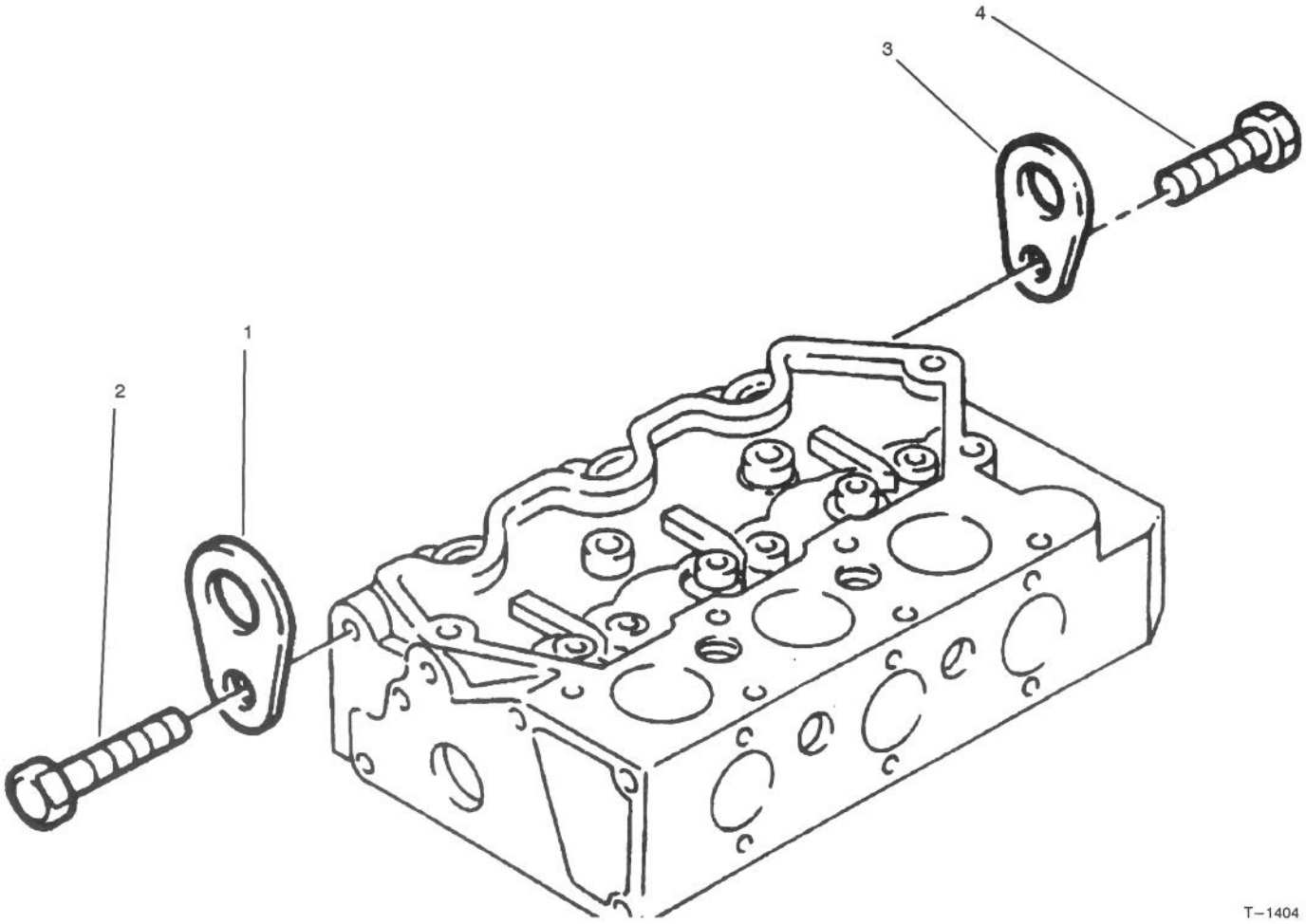
T–1403

COLD START SYSTEM ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



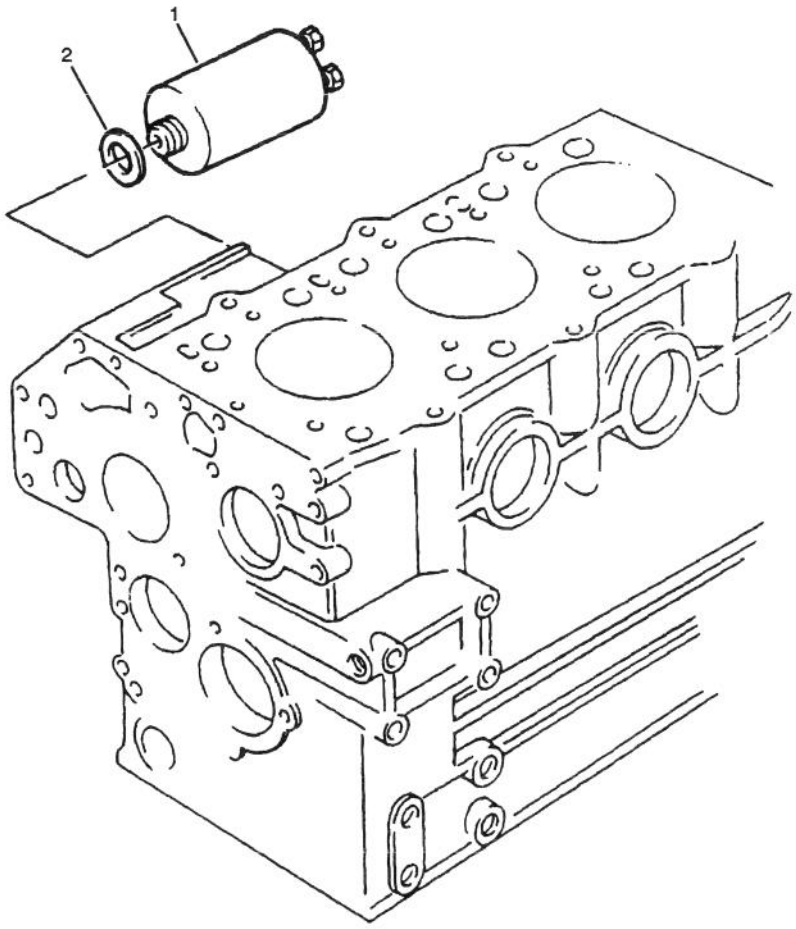
T–1404

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.

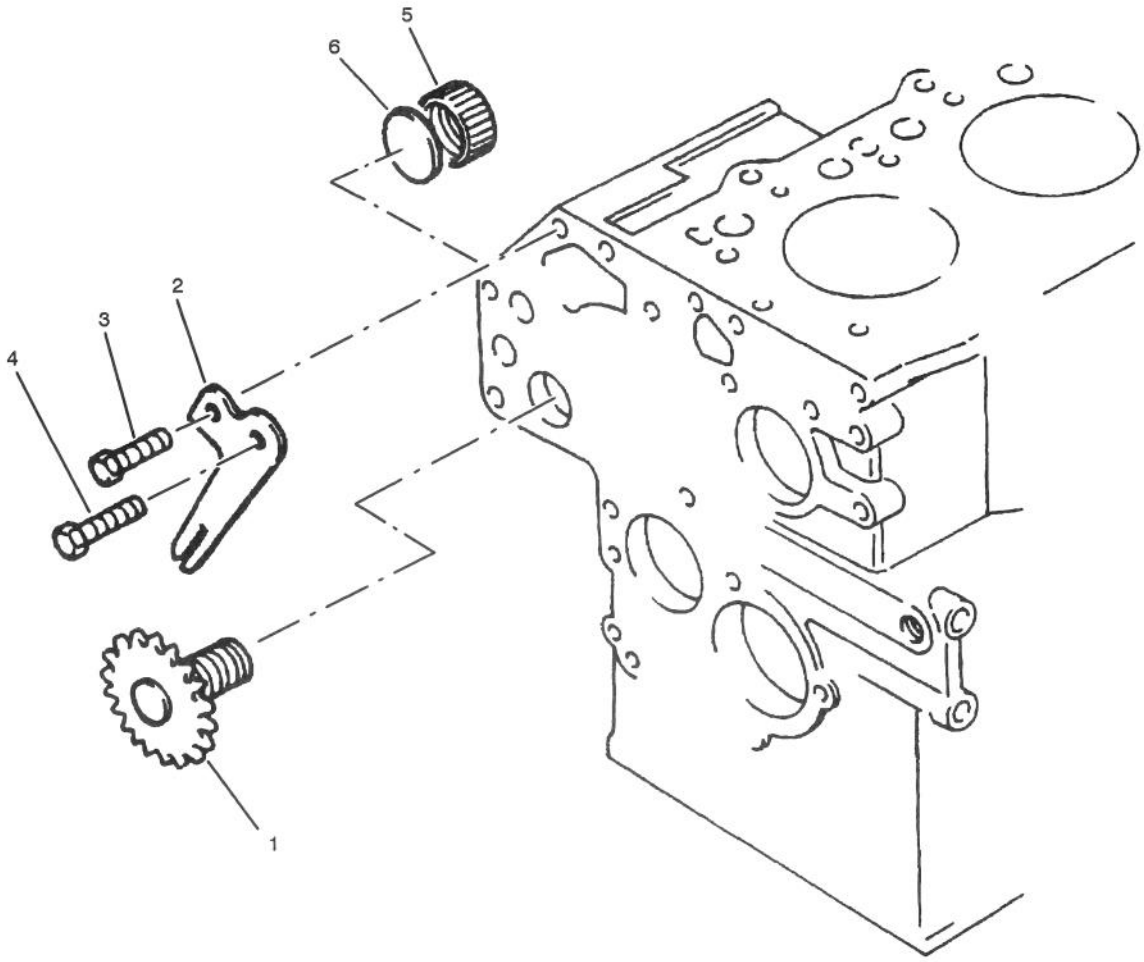


T–1405

THROTTLE STOP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185206082	Solenoid	1
2	025100016	Washer	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



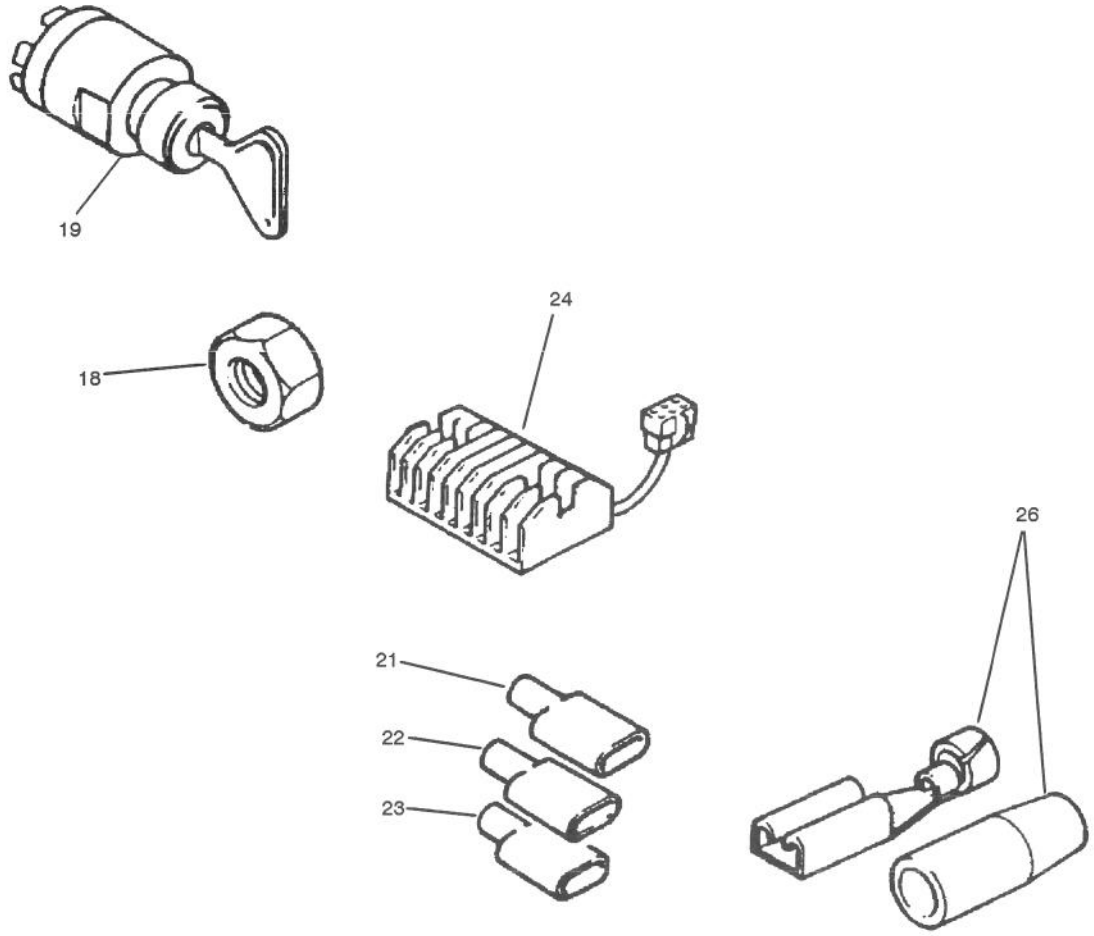
T–1406

RECORDER ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



T–1407

ELECTRICAL COMPONANT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
18	020100008	Nut	1
19	385201160	Switch	1
21	385620010	Connection	1
22	385620280	Connection	2

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

INTERNATIONAL DECAL CROSS REFERENCE

JAPANESE DECAL KIT NO. 85–5110

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	JAPANESE
Decal Control	Skirt Panel	80–4220	84–6960
Decal Service	Skirt Panel	83–8900	84–7180
Panel Starting Fluid	Control Panel	83–9150	84–6660
Decal Parking Brake	Left Fender	84–1650	84–6860
Decal Warning	Fan Top Shroud	77–3100	84–6760
Decal Warning	Skirt Panel	83–9550	84–7080
Decal Warning	Hydraulic Tank Support	67–5360	84–7280
Decal Warning	Cutting Unit Top Shields	62–5070	84–6560
Decal Warning	Cutting Unit Lift Arms	55–4300	84–2940

ITALIAN DECAL KIT NO. 85–5120

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	ITALIAN
Decal Control	Skirt Panel	80–4220	84–6950
Decal Service	Skirt Panel	83–8900	84–7170
Panel Starting Fluid	Control Panel	83–9150	84–6650
Decal Parking Brake	Left Fender	84–1650	84–6850
Decal Warning	Fan Top Shroud	77–3100	84–6750
Decal Warning	Skirt Panel	83–9550	84–7070
Decal Warning	Hydraulic Tank Support	67–5360	84–7270
Decal Warning	Cutting Unit Top Shields	62–5070	84–6550
Decal Warning	Cutting Unit Lift Arms	55–4300	84–2910

SWEDISH DECAL KIT NO. 85–5060

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	SWEDISH
Decal Control	Skirt Panel	80–4220	84–6990
Decal Service	Skirt Panel	83–8900	84–7210
Panel Starting Fluid	Control Panel	83–9150	84–6690
Decal Parking Brake	Left Fender	84–1650	84–6890
Decal Warning	Fan Top Shroud	77–3100	84–6790
Decal Warning	Skirt Panel	83–9550	84–7110
Decal Warning	Hydraulic Tank Support	67–5360	84–7310
Decal Warning	Cutting Unit Top Shields	62–5070	84–6590
Decal Warning	Cutting Unit Lift Arms	55–4300	84–2870

GERMAN DECAL KIT NO. 85–5050

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	GERMAN
Decal Control	Skirt Panel	80–4220	84–6940
Decal Service	Skirt Panel	83–8900	84–7160
Panel Starting Fluid	Control Panel	83–9150	84–6640
Decal Parking Brake	Left Fender	84–1650	84–6840
Decal Warning	Fan Top Shroud	77–3100	84–6740
Decal Warning	Skirt Panel	83–9550	84–7060
Decal Warning	Hydraulic Tank Support	67–5360	84–7260
Decal Warning	Cutting Unit Top Shields	62–5070	84–6540
Decal Warning	Cutting Unit Lift Arms	55–4300	84–2900

INTERNATIONAL DECAL CROSS REFERENCE (Cont.)

SPANISH DECAL KIT NO. 85–5070

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	SPANISH
Decal Control	Skirt Panel	80–4220	84–6980
Decal Service	Skirt Panel	83–8900	84–7200
Panel Starting Fluid	Control Panel	83–9150	84–6680
Decal Parking Brake	Left Fender	84–1650	84–6880
Decal Warning	Fan Top Shroud	77–3100	84–6780
Decal Warning	Skirt Panel	83–9550	84–7100
Decal Warning	Hydraulic Tank Support	67–5360	84–7300
Decal Warning	Cutting Unit Top Shields	62–5070	84–6580
Decal Warning	Cutting Unit Lift Arms	55–4300	84–2900

FRENCH DECAL KIT NO. 85–5040

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	FRENCH
Decal Control	Skirt Panel	80–4220	84–6930
Decal Service	Skirt Panel	83–8900	84–7150
Panel Starting Fluid	Control Panel	83–9150	84–6630
Decal Parking Brake	Left Fender	84–1650	84–6830
Decal Warning	Fan Top Shroud	77–3100	84–6730
Decal Warning	Skirt Panel	83–9550	84–7050
Decal Warning	Hydraulic Tank Support	67–5360	84–7250
Decal Warning	Cutting Unit Top Shields	62–5070	84–6530
Decal Warning	Cutting Unit Lift Arms	55–4300	84–2800

DANISH DECAL KIT NO. 85–5130

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	DANISH
Decal Control	Skirt Panel	80–4220	84–6900
Decal Service	Skirt Panel	83–8900	84–7120
Panel Starting Fluid	Control Panel	83–9150	84–6600
Decal Parking Brake	Left Fender	84–1650	84–6800
Decal Warning	Fan Top Shroud	77–3100	84–6700
Decal Warning	Skirt Panel	83–9550	84–7020
Decal Warning	Hydraulic Tank Support	67–5360	84–7220
Decal Warning	Cutting Unit Top Shields	62–5070	84–6500
Decal Warning	Cutting Unit Lift Arms	55–4300	84–2930

DUTCH DECAL KIT NO. 85–5080

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	DUTCH
Decal Control	Skirt Panel	80–4220	84–6910
Decal Service	Skirt Panel	83–8900	84–7130
Panel Starting Fluid	Control Panel	83–9150	84–6610
Decal Parking Brake	Left Fender	84–1650	84–8610
Decal Warning	Fan Top Shroud	77–3100	84–6710
Decal Warning	Skirt Panel	83–9550	84–7030
Decal Warning	Hydraulic Tank Support	67–5360	84–7230
Decal Warning	Cutting Unit Top Shields	62–5070	84–6510
Decal Warning	Cutting Unit Lift Arms	55–4300	84–2920

INTERNATIONAL DECAL CROSS REFERENCE (Cont.)

FINNISH DECAL KIT NO. 85–5090

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	FINISH
Decal Control	Skirt Panel	80–4220	84–6920
Decal Service	Skirt Panel	83–8900	84–7140
Panel Starting Fluid	Control Panel	83–9150	84–6620
Decal Parking Brake	Left Fender	84–1650	84–6820
Decal Warning	Fan Top Shroud	77–3100	84–6720
Decal Warning	Skirt Panel	83–9550	84–7040
Decal Warning	Hydraulic Tank Support	67–5360	84–7240
Decal Warning	Cutting Unit Top Shields	62–5070	84–6520
Decal Warning	Cutting Unit Lift Arms	55–4300	84–7010

NORWEGIAN DECAL KIT NO. 85–5100

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	NORWEGIAN
Decal Control	Skirt Panel	80–4220	84–6970
Decal Service	Skirt Panel	83–8900	84–7190
Panel Starting Fluid	Control Panel	83–9150	84–6670
Decal Parking Brake	Left Fender	84–1650	84–6870
Decal Warning	Fan Top Shroud	77–3100	84–6770
Decal Warning	Skirt Panel	83–9550	84–7090
Decal Warning	Hydraulic Tank Support	67–5360	84–7270
Decal Warning	Cutting Unit Top Shields	62–5070	84–6570
Decal Warning	Cutting Unit Lift Arms	55–4300	84–7000

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3–0348	Bushing – Sleeve	28	7	4
3–0348	Bushing – Sleeve	29	17	2
3–6498	Washer	14	50	2
3–6498	Washer – Thrust	7	7	A/R
5–0743	Spring – Extension	29	1	1
5–0743	Spring – Extension	28	17	2
5–2653	Cable Pulley Assembly	26	8	1
5–2655	Keeper – Cable	26	7	1
5–2656	Keeper – Cable	26	30	2
5–7280	Key – Square	22	1	3
5–7290	Spring – Extension	13	6	1
10–6821	Brake Drum Assembly	13	18	2
10–6830	Stud – Drive	31	16	4
10–6870	Hub – Wheel	13	19	2
10–6870	Hub – Wheel	31	22	1
10–7070	Key – Square	22	13	1
11–9760	Screw – Hex. Flange Hd.	12	25	3
12–9140	Decal	33	1	1
14–5759	Hood	1	11	1
14–8539	Top Shroud Assembly	8	5	1
18–2970	Clamp – R	29	21	1
21–0140	Rod End Assembly	7	27	1
21–0140	Rod End Assembly	31	30	1
22–8330	Plug	25	1	2
22–8340	Spring	25	3	2
22–8350	Ball	25	4	2
22–8360	Pin – Cam	25	6	2
22–8370	Seat – Check Valve	25	5	2
22–8380	Retainer – Spring	25	10	2
22–8410	Spring	25	11	1
22–8420	Spool	25	8	1
22–8480	Snap Ring – Spool	25	13	1
22–8490	Snap Ring	25	14	1
22–8500	Seal – O–Ring	25	9	2
23–2140	Hose – Fuel	32	23	1
23–3030	Spacer	25	12	1
24–0760	Cooler – Oil	8	20	1
25–2380	Plate – Thrust	11	39	1
25–2390	Plate – Valve	11	40	1
25–2400	Gasket	11	43	1
25–2430	Pin – Straight	11	41	1
25–2450	Swash/Plate	11	37	1
25–2460	Plug	11	14	2
25–2470	Kit – Shim Pack	11	16	2
25–2480	Spring – Charge Relief	11	32	1
25–2490	Ball – Check Valve	11	47	2
25–2510	Washer	11	11	2
25–2530	Pin – Straight	11	26	1
25–2560	Cone – Relief Valve	11	18	1
25–2570	Spring – Relief Valve	11	17	1
25–2580	Shaft – Trunion	11	12	1
25–2620	Valve – By–Pass	11	4	1
25–2630	Ring	11	3	1
25–2640	Spring – Check Valve	11	48	2
25–2650	Plug – Check Valve	11	50	2
25–2680	Gerotor Assembly	11	25	1
25–2690	Housing – Charge Pump	11	21	1
25–3180	Kit – Check Valve	11	*	1
25–3210	Seal – Lip	11	10	2
26–3790	Nut – Lock	31	21	1
26–3790	Nut – Lock	13	23	2
27–9870	Pin – Seat	2	24	1
28–3420	Cone – Charge Relief	11	33	1
28–6180	Pin	2	23	1
29–6120	Plate – Pump	12	5	1
29–6150	Spring – Leaf	12	9	1
29–6163	Switch	12	28	1
29–6163	Switch – Lift	26	4	1
29–6170	Spring – Extended Leaf	12	7	1
29–9080	Handle	33	3	1
29–9090	Hose – Handle	33	4	1
33–1300	Element Assembly	4	5	1
33–1310	Baffle	4	8	1
33–1320	Cup	4	9	1
33–1330	Nut Assembly	4	6	1
33–1340	Clamp Assembly	4	7	1
33–1350	Band Assembly	4	3	2
33–1350	Clamp Assembly	3	60	2
36–4310	Brush	33	5	1
36–7290	Spindle – Fan	20	49	1
37–9090	Belt – V	20	2	1
37–9590	Spring – Compression	2	22	1
42–9850	Washer	21	61	1
43–1950	Lift Valve Assembly	24	4	1
43–8600	Spring – Compression	2	28	1
43–8610	Guide – Spring	2	27	1
43–8620	Guide – Pin	2	30	1
43–8860	Plunger – Switch	2	29	1
43–8870	Boot – Switch	2	32	1
43–9071	Seat Switch Assembly	3	*	1
44–2212	Light Assembly	5	45	1
46–8810	Stop – Spring	12	1	1
48–1800	Cylinder Block Kit	11	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.	20	8	14
48–9590	Washer – Lock	20	28	16
49–8480	Shaft – Trunion	11	28	1
49–8520	Kit – Implement Relief	11	*	1
51–3150	Shim – Spring	12	6	1
54–0110	Element – Oil Filter	9	15	1
55–4300	Decal – Warning	28	9	2
55–4300	Decal – Warning	29	24	1
56–2230	Hose – Fuel	32	11	1
56–2520	Valve – Fuel Shut–Off	32	9	1
56–7976	Clamp – Hose	31	6	2
56–7976	Clamp – Hydraulic Tube	16	5	2
56–7977	Clamp – Hydraulic Tube	16	17	2
56–9510	Bushing Assembly	30	10	2
56–9520	Bushing – Nyliner	30	16	1
57–5420	Screw – Shoulder	9	5	1
57–6390	Nut	21	60	1
59–2150	Taper Lock Bushing Assy.	10	20	1
61–0080	Hydraulic Pump Assembly	11	8	1
61–0140	Pulley – Reel	22	4	3
61–2010	Pinion – Steering	7	15	1
61–2040	Rack – Steering	7	4	1
61–2070	Rod – Steering	7	5	1
61–2070	Rod – Steering	31	28	1
61–2080	Shaft – Steering	7	18	1
61–2090	Steering Column Assembly	7	21	1
61–2350	Support – Bearing	22	6	2
61–2370	Spacer	12	16	2
61–2430	Hub – Lift	26	45	1
61–2610	Arm – Traction	12	14	1
61–2790	Screen – Filler	9	8	1
61–2890	Lift Arm Assembly	29	29	1
61–2990	Spacer – Switch	26	3	1
61–3210	Cable Pulley Assembly	26	22	3
61–3230	Spacer	26	24	3
61–3270	Spring – Compression	28	6	2
61–3360	Joint – Universal	7	17	1
61–3830	Chain – Lift	26	33	2
61–3990	Parking Brake Assembly	13	5	1
61–7250	Boot	28	5	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
62-4290	O-Ring	11	44	2
62-7170	Spacer	2	43	1
62-7240	Cover - Spring	29	2	1
62-7250	Boot	29	18	2
62-7300	Chain	29	3	1
62-7400	Decal - TORO	1	10	1
62-9510	Washer - Flat	20	50	1
63-1400	Guide - Cable	26	28	1
63-7430	Temperature Gauge Assy.	5	17	1
63-7590	Relay	5	34	1
63-7590	Relay	2	39	1
63-7620	Hose - Fuel	32	5	1
63-7620	Hose - Fuel	20	18	1
63-8140	Pulley - Idler	20	3	1
63-8410	Washer - Flat	9	10	3
63-8410	Washer - Flat	32	17	3
65-4500	Seal - Snap Ring	15	14	1
65-4550	Valve - Check Ball	15	6	2
65-4560	Plug - Hex (Hollow)	15	3	1
65-4570	Seal - Square Ring	15	4	2
65-4580	Screw - Cap Hex Hd.	15	1	8
65-4590	Ring - Snap	15	21	1
65-4600	Washer - Thrust	15	19	2
65-4610	Bearing - Thrust	15	20	1
65-4620	Seal - O-Ring	15	12	1
65-4670	Body & Bearing Assembly	15	9	1
65-4680	Cover & Bearing Assembly	15	2	1
65-8270	Waher	21	57	1
65-8320	Bar - Height-Of-Cut	34	1	1
66-2920	Spacer	12	36	1
66-2960	Cluster - Warning	5	7	1
66-3240	Cap - Radiator	8	9	1
66-5291	Hydraulic Motor Assembly	31	24	1
66-5291	Hydraulic Motor Assembly	13	30	2
66-6110	IGR Assembly	15	5	1
67-5360	Decal - Danger	3	57	1
67-8020	Shaft - Pump	11	6	1
67-8030	Plug Assembly	11	19	1
67-8040	O-Ring	11	20	1
67-8050	Bearing - Needle	11	22	1
67-8060	Seal - Lip	11	23	1
67-8080	Bearing - Needle	11	42	1
67-8090	Cap - Pump End	11	45	1
68-8990	Head - Oil Filter	9	19	1
69-1170	Glass - Sight	9	2	1
69-4780	Clamp - Light Cluster	5	43	1
70-8150	Plate - Valve	15	7	1
70-8621	Cap - Fuel Tank	32	12	1
70-8640	Cap - Hydraulic Reservoir	9	7	1
70-9840	Shoe - Brake	13	16	4
70-9850	Clip - Retaining	13	35	2
70-9860	Pin - Pivot Brake	13	25	2
70-9870	Plate - Brake	13	27	2
70-9880	Spring - Extension	13	17	4
71-0710	Hydraulic Tube Assembly	17	3	1
71-0840	Hydraulic Tube Assembly	17	6	1
71-1220	Seal Repair Kit	18	*	1
71-1370	Spring - Compression	26	35	1
71-1380	Pin - Spring	26	34	1
71-1500	Brake Assembly	14	*	2
71-2830	2 Position Valve Assembly	17	2	1
71-2960	Valve - Flow Control	16	13	1
71-3382	Hose - Overflow	8	11	1
72-4190	Pin - Cylinder Guide	26	12	1
72-4320	Switch - Seat	2	25	1
74-0720	Tube - Manual	2	14	1
74-6110	Cam - Stop	12	35	1
74-9100	Pad - Forward	12	11	1
74-9110	Pad - Reverse	12	13	1
75-0540	Teather - Cap	9	4	1
75-4703	Hose - Fuel	32	15	1
75-4703	Hose - Fuel	20	25	1
75-4710	Harness - Warning Light	5	5	1
75-6820	Hourmeter	5	3	1
75-7730	Spacer	31	2	1
76-0020	Hydraulic Cylinder Assembly	26	37	1
76-0030	Repair Kit	27	*	1
76-0040	Piston	27	8	1
76-0050	Ring - Retaining	27	12	1
76-0090	Head	27	3	1
76-0300	Housing - Bushing	30	12	1
76-0350	Housing - Bushing	30	2	1
76-0360	Cup - Retainer	30	6	1
76-0370	Bolt - Shoulder	29	12	2
76-0370	Bolt - Shoulder	28	23	2
76-0390	Spacer	30	15	1
76-0410	Spring - Compression	30	7	1
76-1420	Wheel - Steering	7	23	1
76-2200	Footrest - Traction	1	5	1
76-2260	Pad - Footrest Traction	1	6	1
76-2320	Shaft	27	4	1
76-2330	Nut - Lock	27	5	1
76-2350	Seal/Retainer Assembly	15	*	1
76-2360	Body Seal Kit	15	*	1
76-2430	Scraper - Pulley	28	2	2
76-2460	Bearing Assembly	22	7	2
76-6471	Trim - Control Panel Bottom	2	41	1
77-3100	Decal - Warning	8	4	1
80-4090	Hose - Hydraulic	17	5	2
80-4090	Hose - Hydraulic	31	14	2
80-4220	Decal - Control	2	20	1
80-6980	Latch - Hood	5	12	1
80-6990	Washer	26	18	4
80-7345	Hose	5	29	
81-1690	Clamp - Throttle Cable	20	21	1
82-3110	Sensor - Temp	20	16	1
83-7270	Fork - Caster	31	10	1
83-7540	Engine Assembly	20	54	1
83-7550	Radiator Assembly	8	35	1
83-7590	Pulley - Engine	20	55	1
83-7610	Hub - Fan	20	44	1
83-7620	Spacer - Fan	20	42	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	9	1	1
83-7780	Bracket - Support	9	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
83-7900	Belt Tensioner Assembly	29	11	2
83-7900	Belt Tensioner Assembly	28	24	2
83-7910	Rod	30	8	1
83-7930	Yoke	30	3	1
83-7970	Fitting - Hydraulic Bulkhead	8	39	2
83-7980	Bracket - Radiator Rear	8	12	1
83-8040	Cover - Left	8	8	1
83-8070	Bracket - Radiator Bottom	8	18	1
83-8080	Key - Square	22	38	1
83-8110	Panel - Left	2	45	1
83-8120	Panel - Right Rear	2	4	1
83-8150	Screen - Radiator	8	17	1
83-8180	Decal - Instrument Panel	5	2	1
83-8190	Panel - Control	2	5	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
83-8190	Panel – Instrument	5	1	1
83-8210	Panel – Front Left	8	22	1
83-8220	Bracket – Muffler	20	51	1
83-8230	Panel – Right Front	2	2	1
83-8270	Pedal – Traction	12	12	1
83-8280	Throttle Assembly	5	30	1
83-8320	Mount – Pump	10	12	1
83-8400	Pulley – Idler	22	20	1
83-8410	Pulley – Engine	20	48	1
83-8420	Pulley – Clutch	22	36	1
83-8470	Bracket – Engine Mount	21	56	2
83-8490	Belt – Drive	22	37	1
83-8500	Muffler	20	52	1
83-8510	Bracket – Fender L.H.	1	22	1
83-8540	Belt – Pump Drive	10	21	1
83-8550	Hose – Air Cleaner	2	49	1
83-8550	Hose – Air Intake	20	13	1
83-8590	Cable – Lift	26	19	1
83-8620	Bracket – Idler	22	18	1
83-8630	Yoke – Belt Tension	22	22	1
83-8720	Tank – Fuel	32	13	1
83-8760	Rod – Control	12	20	1
83-8770	Lever – Pump	12	23	1
83-8850	Grille – Front	1	29	1
83-8860	Shield – Grass Front R.H.	1	30	1
83-8880	Panel – Skirt	2	12	1
83-8890	Decal – Reelmaster 216-D	2	19	2
83-8900	Decal – Service Information	2	50	1
83-8920	Harness – Wire	6	1	1
83-9000	Battery	32	6	1
83-9020	Belt – V	20	38	1
83-9030	Foam – Top	8	36	1
83-9050	Hose – Radiator	8	34	1
83-9060	Hose – Radiator	8	28	1
83-9070	Hose – Coolant	20	11	1
83-9070	Hose – Radiator	8	31	1
83-9080	Connector – Bleed	8	30	1
83-9130	Keeper – Cable	26	27	1
83-9140	Clutch Assembly	22	39	1
83-9150	Decal – Starting Fluid	2	10	1
83-9170	Right Channel Assembly	2	44	1
83-9210	Cable – Battery Neg.	32	8	1
83-9210	Cable – Ground	20	31	1
83-9220	Cable – Battery Pos.	32	7	1
83-9240	Hold-Down – Battery	32	21	1
83-9250	Lever – Brake	13	36	2
83-9270	Pivot – Brake L.H.	13	40	1
83-9310	Pivot – Brake R.H.	13	*	1
83-9330	Shaft – Brake	13	41	1
83-9340	Shield – Grass	13	13	2
83-9350	Rod – Parking Brake	13	1	1
83-9440	Hydraulic Tube Assembly	16	2	1
83-9450	Tube – Hydraulic	16	19	1
83-9460	Tube – Hydraulic	16	4	1
83-9460	Tube – Hydraulic	17	12	1
83-9470	Hydraulic Tube Assembly	16	1	1
83-9480	Tube – Hydraulic	16	18	1
83-9490	Tube – Hydraulic	16	15	1
83-9500	Tube – Hydraulic	16	9	1
83-9500	Tube – Hydraulic	17	10	1
83-9550	Decal – Warning	2	11	1
83-9600	Hose – Hydraulic	10	7	2
83-9600	Hose – Hydraulic	16	21	2
83-9620	Hose – Hydraulic	24	12	1
83-9620	Hose – Hydraulic	26	42	1
83-9640	Hose – Hydraulic	24	14	1
83-9640	Hose – Hydraulic	10	25	1
83-9650	Hose – Hydraulic	10	1	1
83-9650	Hose – Hydraulic	9	21	1
83-9651	Hose – Hydraulic	9	14	1
83-9660	Clevis	10	23	1
83-9680	Screw – Cap Hex. Hd.	22	27	1
83-9690	Spring – Compression	22	26	1
83-9700	Fender – L.H.	1	15	1
83-9710	Footrest – L.H.	1	17	1
83-9720	Fender – R.H.	1	1	1
83-9730	Step – Foot	2	36	1
83-9740	Footrest – R.H.	1	4	1
83-9760	Bracket – Cylinder Support	26	1	1
83-9800	Shield – Grass Front L.H.	1	20	1
83-9810	Bushing – Flange	22	24	1
83-9840	Pad – Footrest L.H.	1	18	1
83-9880	Bracket – Fan Spindle	20	47	1
83-9910	Gasket – Muffler	21	58	1
83-9920	Bracket – Reservoir	9	13	1
83-9970	Latch – Hood	1	12	1
84-1650	Decal – Brake	1	19	1
84-1990	Rod – Adjusting	13	32	2
84-2000	Bracket – Brake	13	29	2
84-7770	Field & Rotor Assembly	23	1	1
84-7780	Armature Assembly	23	2	1
84-8440	Bushing – Flange	26	11	2
85-4870	Support – Hinge	1	26	1
85-4890	Hinge – Hood	1	31	1
85-4910	Air Cleaner (Complete)	4	*	1
85-4910	Air Cleaner Assembly	2	47	1
85-4920	Hydraulic Pump Assembly	10	30	1
85-4960	Pulley	10	16	1
85-4980	Switch Assembly	5	24	1
85-4990	Hose – Hydraulic	24	20	1
85-4990	Hose – Hydraulic	16	26	1
85-5000	Plate – Throttle	5	36	1
85-5010	Bracket – Right Front	3	54	1
85-5140	Foam – Hood	3	56	2
85-5160	Lever – Lift Valve	24	2	1
85-5170	Sleeve	8	41	1
85-5180	Trim	2	51	2
85-5190	Hose – Hydraulic	24	22	1
85-5190	Hose – Hydraulic	31	36	1
85-5200	Clamp	31	34	1
85-5230	Bracket – Seat Pivot	3	62	2
85-5300	Hose – Hydraulic	16	25	1
85-5310	Hose – Hydraulic	26	41	1
85-5330	Plate – Seat Mounting	3	64	1
85-5340	Tube – Seat Pivot	2	7	2
85-5810	Hose – Hydraulic	24	13	1
85-6540	Stud – Drive	13	26	8
88-6720	Bracket – Radiator Front	8	33	1
88-6730	Bracket – Screen Front	8	44	1
92-1157	Shaft	15	10	1
92-1177	Hose – Hydraulic	24	8	1
92-1177	Hose – Hydraulic	8	27	1
92-1178	Hose – Hydraulic	10	10	1
92-1178	Hose – Hydraulic	9	27	1
92-1583	Hose – Hydraulic	8	24	1
92-1583	Hose – Hydraulic	10	28	1
92-1812	Shaft – Lift Pivot	28	25	2
92-1812	Shaft – Lift Pivot	29	31	1
92-1815	Rod – Pivot	28	13	2
92-1815	Rod – Pivot	29	26	1
92-1818	Arm – Tension	29	7	1
92-1818	Arm – Tension	28	29	2
92-1822	Shackle	28	26	2
92-1822	Shackle	29	34	1
92-2367	Shroud – Fan Bottom	8	32	1
92-2368	Knob – Clamp	8	46	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
92-2373	Frame Assembly	7	12	1
92-2402	Lift Arm Assembly, L.H.	28	8	1
92-2405	Lift Arm Assembly, R.H.	28	*	1
217-60	Rim	13	21	2
218-461	Nut - Hex.	2	33	2
218-469	Fuse - 15 Amp.	5	10	2
218-489	Fuse Holder Assembly	5	9	2
218-500	Nut - Hex.	5	22	2
218-562	Lens - Light	5	47	1
218-596	Tab	12	37	2
219-17	Bulb - Light	5	6	4
219-18	Bulb - Light	5	46	1
231-127	Tire	31	17	1
231-127	Tire	13	20	2
232-27	Valve - Stem	13	24	2
232-47	Valve - Stem	31	20	1
233-37	Knob	24	1	1
233-46	Knob	18	9	1
237-7	Seal - O-Ring	2	31	1
237-21	Seal - O-Ring	24	18	2
237-21	Seal - O-Ring	14	47	3
237-22	O-Ring	11	2	1
237-22	Seal - O-Ring	18	2	1
237-22	Seal - O-Ring	17	4	2
237-22	Seal - O-Ring	24	7	5
237-22	Seal - O-Ring	31	13	3
237-22	Seal - O-Ring	26	40	2
237-30	Seal - O-Ring	10	6	5
237-30	Seal - O-Ring	13	7	2
237-30	Seal - O-Ring	17	7	4
237-30	Seal - O-Ring	16	10	7
237-30	Seal - O-Ring	2	26	1
237-30	Seal - O-Ring	8	38	2
237-37	Bumper - Rubber	2	6	2
237-42	Seal - O-Ring	25	2	2
237-42	Seal - O-Ring	24	5	1
237-42	Seal - O-Ring	16	12	2
237-42	Seal - O-Ring	10	27	2
237-42	Seal - O-Ring	26	38	2
237-54	Seal - O-Ring	18	7	2
237-65	Seal - O-Ring	16	3	3
237-65	Seal - O-Ring	13	44	2
237-71	Seal - O-Ring	2	42	1
237-78	Sael - O-Ring	31	38	1
237-78	Seal - O-Ring	24	10	2
237-78	Seal - O-Ring	16	24	2
237-78	Seal - O-Ring	14	46	2
237-79	Seal - O-Ring	10	4	4
237-79	Seal - O-Ring	17	9	3
237-79	Seal - O-Ring	9	18	1
237-80	Seal - O-Ring	13	9	4
237-80	Seal - O-Ring	31	11	2
237-81	Seal - O-Ring	9	3	4
237-86	O-Ring	11	15	2
237-95	O-Ring	11	27	1
240-11	Grommet	9	9	3
240-11	Grommet	32	16	3
240-13	Bumper	22	16	2
242-50	Nut - Lug	31	19	4
242-50	Nut - Lug	13	22	8
242-76	Rim	31	18	1
2410-18	Plug	33	2	1
2410-73	Retainer - Teather	9	6	1
2411-52	End - Rod	12	17	1
2411-53	End - Rod	12	22	1
2412-34	Clamp - Hose	10	2	1
2412-34	Clamp - Hose	20	10	1
2412-34	Clamp - Hose	8	29	5
2412-36	Clamp - Hose	32	10	2
2412-36	Clamp - Hose	9	26	1
2412-39	Clamp - R	16	7	1
2412-39	Clamp - R	2	17	3
2412-39	Clamp - R	20	35	2
2412-41	Clamp - R	8	15	1
2412-74	Clamp - R	8	3	1
2412-92	Clamp - Hose	20	12	1
2412-92	Clamp - Hose	2	48	1
2412-93	Clamp - R	20	15	1
2412-108	Clamp - Hose	32	4	4
2412-108	Clamp - Hose	8	10	1
2412-108	Clamp - Hose	20	17	2
2412-133	Clamp - R	2	16	2
251-8	Bearing - Ball	11	35	1
251-77	Collar - Locking	22	9	2
251-259	Bearing - Ball	12	31	1
251-337	Bearing - Ball	22	8	2
252-82	Bearing - Needle	11	9	2
256-1	Bushing - Sleeve	26	23	3
256-2	Bushing - Sleeve	26	44	1
256-27	Bushing - Sleeve	7	19	2
256-115	Washer - Thrust	28	12	2
256-115	Washer - Thrust	29	25	1
256-117	Bushing - Flange	7	8	4
256-173	Bushing - Sleeve	30	11	1
256-245	Bushing - Flange	7	9	2
256-247	Bushing - Flange	7	13	2
256-287	Bushing - Flange	7	14	2
256-320	Bushing	1	32	2
256-321	Bushing - Sleeve	3	59	4
2710-16	Connecting Link Assembly	24	3	1
281-1	Plug - Pipe	8	37	2
281-7	Plug - Pipe	8	1	1
282-2	Clevis	13	34	2
282-4	Clevis	29	5	1
282-4	Clevis	26	31	4
283-1	Pin - Clevis	29	20	1
283-1	Pin - Clevis	13	37	2
283-2	Pin - Clevis	10	24	1
283-6	Pin - Clevis	29	6	1
283-6	Pin - Clevis	26	14	4
283-40	Pin - Clevis	28	3	2
283-40	Pin - Clevis	29	14	2
283-42	Pin - Clevis	26	9	1
283-55	Pin - Clevis	30	5	1
283-62	Pin - Clevis	20	19	1
283-75	Pin - Clevis	28	20	4
283-75	Pin - Clevis	29	32	2
283-78	Pin - Clevis	26	36	1
285-17	Plug - Pipe	11	1	6
302-5	Fitting - Grease	31	3	1
302-5	Fitting - Grease	30	14	1
302-5	Fitting - Grease	7	24	3
302-5	Fitting - Grease	7	29	1
302-5	Fitting - Grease	22	33	2
302-60	Fitting - Grease	28	16	2
302-60	Fitting - Grease	29	30	1
321-5	Screw - Cap Hex. Hd.	13	15	8
321-6	Screw - Hex. Flange Hd.	12	10	2
321-8	Screw - Cap Hex. Hd.	2	52	2
321-9	Screw - Cap Hex. Hd.	31	32	1
321-11	Screw - Cap Hex. Hd.	3	61	2
321-12	Screw - Cap Hex. Hd.	32	2	1
321-13	Screw - Cap Hex. Hd.	10	18	3
321-14	Screw - Cap Hex. Hd.	20	40	4
321-23	Screw - Cap Hex. Hd.	24	16	2
322-4	Screw - Cap Hex. Hd.	28	10	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
322-4	Screw – Cap Hex. Hd.	29	23	1
322-4	Screw – Cap Hex. Hd.	11	24	4
322-7	Screw – Cap Hex. Hd.	20	37	2
322-9	Screw – Cap Hex. Hd.	31	9	1
322-9	Screw – Cap Hex. Hd.	12	18	2
322-10	Screw – Cap Hex. Hd.	16	8	2
322-12	Screw – Cap Hex. Hd.	7	26	1
322-17	Screw – Cap Hex. Hd.	13	2	1
322-17	Screw – Cap Hex. Hd.	12	8	1
322-17	Screw – Cap Hex. Hd.	22	31	9
322-26	Screw – Cap Hex. Hd.	29	36	1
323-5	Screw – Cap Hex. Hd.	9	11	3
323-5	Screw – Cap Hex. Hd.	32	18	3
323-7	Screw – Cap Hex. Hd.	29	8	1
323-7	Screw – Cap Hex. Hd.	28	28	2
323-11	Screw – Cap Hex. Hd.	11	46	4
323-13	Screw – Cap Hex. Hd.	26	46	1
323-15	Screw – Cap Hex. Hd.	22	19	1
323-17	Screw – Cap Hex. Hd.	26	20	2
325-6	Screw – Cap Hex. Hd.	31	1	1
325-7	Screw – Cap Hex. Hd.	10	13	2
325-11	Screw – Cap Hex. Hd.	31	25	4
325-11	Screw – Cap Hex. Hd.	13	28	8
325-18	Screw – Cap Hex. Hd.	10	15	1
3210-7	Screw – Cap Hex. Hd.	12	30	1
3212-34	Clamp – Hose	9	16	3
3217-6	Nut – Hex.	1	23	4
3217-16	Nut – Lock	12	3	2
3218-3	Nut – Jam	7	3	2
3218-6	Nut – Jam	30	9	1
3218-17	Nut – Jam	22	12	1
3219-14	Nut – Hex.	34	3	1
3219-14	Nut – Hex.	5	14	6
3220-2	Nut – Jam	12	19	2
3220-2	Nut – Jam	13	33	2
3220-5	Nut – Jam	7	6	1
3220-12	Nut – Jam	31	29	1
3220-20	Nut – Jam	12	21	1
3229-1	Bolt – Carriage	28	1	2
3229-1	Screw – Carriage	1	7	2
3229-22	Bolt – Carriage	3	63	2
3230-1	Screw – Carriage	32	19	2
3230-1	Screw – Carriage	20	33	1
3230-22	Screw – Carriage	20	6	1
3230-23	Screw – Carriage	9	23	6
3230-23	Screw – Carriage	1	27	6
3230-27	Screw – Carriage	1	8	1
3231-22	Bolt – Carriage	8	23	6
3231-26	Screw – Carriage	20	7	1
3231-31	Bolt – Carriage	22	21	1
3234-4	Screw – Cap Hex. Hd.	8	7	2
3234-4	Screw – Hex. Flange Hd.	2	13	3
3234-4	Screw – Hex. Flange Hd.	22	29	2
3234-4	Screw – Hex. Washer Hd.	5	8	3
3234-4	Screw – Hex. Washer Hd.	26	10	1
3234-4	Screw – Hex. Washer Hd.	9	22	2
3234-5	Screw – Hex. Flange Hd.	2	1	24
3234-5	Screw – Hex. Washer Hd.	1	2	14
3234-5	Screw – Hex. Washer Hd.	13	4	2
3234-5	Screw – Hex. Washer Hd.	8	19	2
3234-5	Screw – Hex. Washer Hd.	20	32	1
3234-11	Screw – Hex. Flange Hd.	2	40	4
3234-11	Screw – Hex. Washer Hd.	26	29	1
3234-17	Screw – Hex. Washer Hd.	8	21	4
3234-24	Screw – Hex. Flange Hd.	20	26	4
3234-25	Screw – Hex. Washer Hd.	26	17	5
3234-28	Screw – Hex. Flange Hd.	17	1	2
3234-28	Screw – Hex. Washer Hd.	8	13	8
3234-28	Screw – Hex. Washer Hd.	20	53	1
3234-32	Screw – Cap Hex. Hd.	22	5	4
3234-32	Screw – Cap Hex. Hd.	29	28	1
3234-32	Screw – Hex. Flange Hd.	28	14	2
3234-36	Screw – Hex. Flange Hd.	2	15	3
3242-4	Screw – Square Hd. Set	22	3	6
3245-35	Screw – Set	22	10	4
3249-11	Screw – Round Hd.	12	27	2
3250-35	Screw – Pan Hd.	26	6	2
3253-2	Washer – Lock	5	15	5
3253-3	Washer – Lock	13	14	8
3253-3	Washer – Lock	10	19	3
3253-4	Washer – Lock	28	11	2
3253-4	Washer – Lock	29	22	1
3253-4	Washer – Lock	1	24	4
3253-4	Washer – Lock	29	37	1
3253-5	Washer – Lock	18	8	1
3254-9	Washer – ITLW	12	2	2
3254-9	Washer – Lock Internal	26	5	2
3254-20	Washer – Lock	5	23	1
3255-2	Washer – Lock	31	31	1
3255-7	Washer – ETLW	12	26	3
3255-8	Washer – Lock E.T.L.W.	20	30	1
3256-3	Washer – Flat	31	4	1
3256-3	Washer – Flat	16	6	1
3256-6	Washer – Flat	28	15	2
3256-6	Washer – Flat	29	27	1
3256-14	Washer – Flat	5	16	2
3256-16	Washer – Flat	13	12	8
3256-22	Washer – Flat	8	6	2
3256-22	Washer – Flat	24	15	2
3256-22	Washer – Flat	31	33	1
3256-22	Washer – Flat	3	53	2
3256-23	Washer	14	49	1
3256-23	Washer – Flat	20	9	23
3256-23	Washer – Flat	26	16	1
3256-23	Washer – Flat	1	25	4
3256-23	Washer – Flat	22	30	15
3256-23	Washer – Flat	8	43	2
3256-24	Washer – Flat	22	25	2
3256-24	Washer – Flat	26	25	3
3256-24	Washer – Flat	20	27	1
3256-24	Washer – Flat	12	34	1
3256-26	Washer – Flat	7	10	2
3256-45	Washer – Flat	29	10	4
3256-45	Washer – Flat	28	19	4
3256-54	Washer – Flat	30	4	1
3256-57	Washer – Flat	29	38	1
3257-15	Key – Square	13	10	2
3257-15	Key – Square	15	11	1
3257-15	Key – Woodruff	31	15	1
3257-32	Key – Woodruff	11	7	1
3257-32	Key – Woodruff	10	17	1
3258-19	Screw – Round Hd.	4	2	2
3272-4	Pin – Cotter	26	13	1
3272-6	Pin – Cotter	7	1	1
3272-6	Pin – Cotter	10	14	1
3272-6	Pin – Cotter	29	19	1
3272-6	Pin – Cotter	31	26	1
3272-6	Pin – Cotter	13	31	5
3272-6	Pin – Cotter	26	43	1
3272-9	Pin – Cotter	20	23	1
3272-10	Pin – Cotter	28	22	4
3272-10	Pin – Cotter	29	33	2
3272-11	Pin – Cotter	29	4	1
3272-11	Pin – Cotter	26	32	5
3272-13	Pin – Cotter	29	13	2
3272-13	Pin – Cotter	28	27	2

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
3273-18	Screw – Hex. Socket Hd.	22	34	4
3274-90	Screw – Hex. Socket Hd.	5	13	2
3290-379	Tie – Cable	31	7	1
3290-379	Tie – Cable	22	41	1
3290-379	Tie – Cable	21	59	2
3290-432	Screw – Hex. Hd.	20	20	1
3290-467	Pin – Cotter Hair	1	28	2
3296-2	Nut – Lock	5	44	1
3296-4	Nut – Lock	26	15	1
3296-6	Nut – Lock	10	22	1
3296-16	Nut – Flange Lock	24	9	2
3296-16	Nut – Lock	12	4	2
3296-23	Nut – Flange Lock	31	23	4
3296-23	Nut – Flange Lock	22	28	4
3296-23	Nut – Lock	10	11	3
3296-23	Nut – Lock	13	42	8
3296-28	Nut – Lock	7	11	2
3296-29	Nut – Flange Lock	31	5	1
3296-29	Nut – Flange Lock	7	20	1
3296-29	Nut – Flange Lock	22	32	6
3296-29	Nut – Lock	16	14	2
3296-29	Nut – Lock	12	32	3
3296-29	Nut – Lock	8	42	2
3296-39	Nut – Flange Lock	24	17	1
3296-39	Nut – Flange Lock	26	26	3
3296-39	Nut – Lock	29	15	1
3296-39	Nut – Lock	22	17	2
3296-39	Nut – Lock	28	31	2
3296-42	Nut – Lock	2	8	2
3296-42	Nut – Lock	13	11	8
3296-42	Nut – Lock	31	35	1
3296-42	Nut – Lock	8	40	2
3296-59	Nut – Lock	29	9	2
3296-59	Nut – Lock	28	18	2
3296-59	Nut – Lock	12	33	1
32104-6	Screw – Cap Hex. Hd.	28	32	2
32104-6	Screw – Cap Hex. Hd.	29	35	1
32104-82	Screw – Hex. Washer Hd.	1	21	5
32104-116	Screw – Hex. Washer Hd.	8	2	8
32105-1	Screw – Hex. Hd.	5	42	1
32107-11	Nut – Square	4	4	2
32120-10	Ring – Retaining	20	45	1
32120-11	Ring – Retaining	11	36	1
32120-15	Ring – Retaining	11	34	1
32121-6	Pin – Roll	12	15	1
32121-6	Pin – Roll	2	21	1
32121-6	Pin – Roll	13	39	2
32121-9	Pin – Roll	30	13	1
32121-10	Pin – Roll	7	22	1
32121-15	Pin – Roll	7	16	2
32121-23	Pin – Roll	30	1	1
32121-24	Pin – Roll	12	24	1
32121-34	Pin – Dowel	10	29	1
32121-38	Pin – Roll	18	5	1
32121-91	Pin – Coiled Spring	11	38	3
32122-2	Screw – Round Hd.	34	2	1
32128-14	Nut – Flange Lock	1	13	2
32128-20	Nut – Flange Lock	2	46	4
32128-20	Nut – Hex.	1	9	2
32128-20	Nut – Lock	14	48	2
32128-33	Nut – Flange Lock	1	3	2
32128-33	Nut – Flange Lock	28	4	2
32128-33	Nut – Flange Lock	2	9	2
32128-33	Nut – Flange Lock	22	14	2
32128-33	Nut – Flange Lock	5	31	3
32128-33	Nut – Flange Lock	2	34	5
32128-43	Nut – Flange Lock	20	1	5
32128-43	Nut – Flange Lock	26	2	7
32128-43	Nut – Flange Lock	8	16	6
32128-43	Nut – Flange Lock	22	23	2
32128-43	Nut – Flange Lock	2	37	4
32128-44	Nut – Flange Lock	20	4	5
32128-44	Nut – Flange Lock	1	16	13
32128-44	Nut – Flange Lock	2	18	10
32128-44	Nut – Flange Lock	32	20	3
32128-44	Nut – Flange Lock	8	26	4
32128-44	Nut – Hex. Flange Hd.	9	12	6
32128-44	Nut – Lock	13	3	2
32136-4	Nut – Castle	7	2	1
32136-4	Nut – Castle	31	27	1
32138-8	Insert – Threaded	1	34	1
32141-84	Screw – Cap Hex. Hd.	7	25	2
32144-18	Screw – Hex. Hd.	5	4	2
32144-39	Screw – Pan Hd.	5	41	2
32148-7	Insert – Threaded	2	3	8
32148-7	Insert – Threaded	1	33	3
32148-8	Insert – Threaded	8	14	3
32148-8	Insert – Threaded	3	58	1
32148-14	Insert – Threaded	7	28	1
32149-9	Nut – Flange Lock	5	37	2
32151-46	Ring – Retaining	11	13	2
32151-78	Ring – Retaining	18	3	2
32153-1	Nut – Lock	8	45	2
340-2	Fitting – Hydraulic Straight	26	47	1
340-4	Fitting – Hydraulic Straight	10	8	1
340-4	Fitting – Hydraulic Straight	17	13	1
340-5	Fitting – Hydraulic Straight	16	11	2
340-17	Fitting – Hydraulic 90°	13	43	2
340-19	Fitting – Hydraulic Tee	16	20	1
340-23	Fitting – Hydraulic Cross	24	21	1
340-77	Fitting – Hydraulic 90°	24	6	1
340-87	Fitting – Hydraulic 45°	26	39	1
340-88	Fitting – Hydraulic Straight	31	37	1
340-92	Fitting – Hydraulic Straight	24	11	1
340-98	Fitting – Hydraulic 90°	17	8	1
340-99	Fitting – Hydraulic 90°	10	26	2
340-101	Fitting – Hydraulic 45°	10	5	2
340-102	Fitting – Hydraulic Tee	16	16	1
340-103	Fitting – Hydraulic 45°	24	23	1
340-103	Fitting – Hydraulic 45°	14	45	1
340-105	Fitting – Hydraulic 90°	13	8	2
340-109	Fitting – Hydraulic Tee	17	11	1
340-110	Fitting – Hydraulic 90°	24	19	1
340-127	Nut – Bulkhead	8	25	2
340-140	Fitting – Hydraulic Tee	14	*	1
340-141	Fitting – Hydraulic Straight	31	12	2
353-512	Plug – Hydraulic	18	1	1
353-987	Fitting– Hydraulic 90°	9	17	1
354-23	Ball – Check	18	4	1
354-77	Hydraulic Test Port Fitting	16	23	2
354-79	Cap – Test Port	16	22	2
354-120	Fitting – Hydraulic 90°	9	25	1
354-127	Fitting – Hydraulic 45°	9	20	2
354-128	Fitting – Hydraulic 90°	10	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								

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Date								