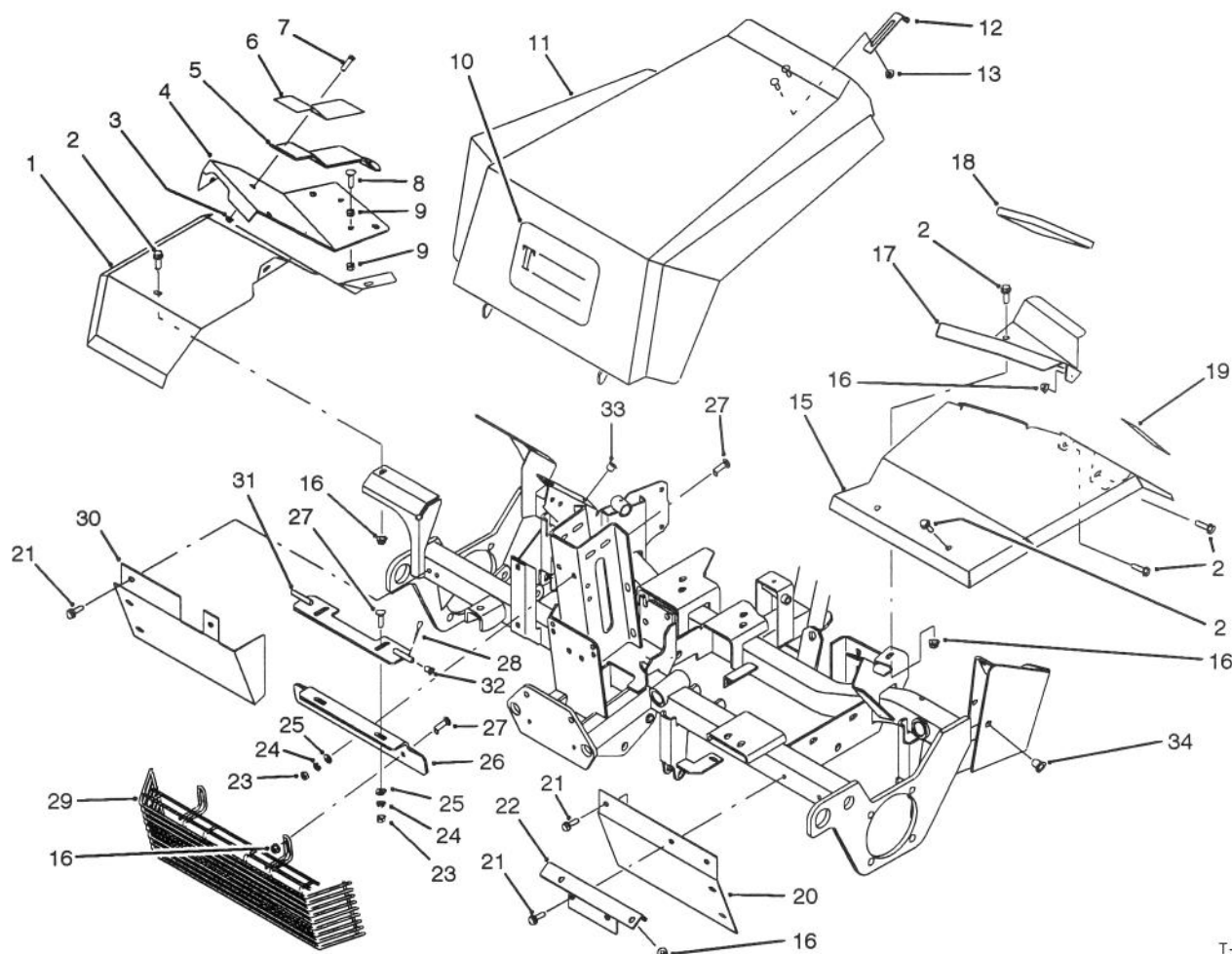


TORO®

MODEL NO. 03420-30001 & UP

PARTS CATALOG

REELMASTER® 216-D 2wd TRACTION UNIT



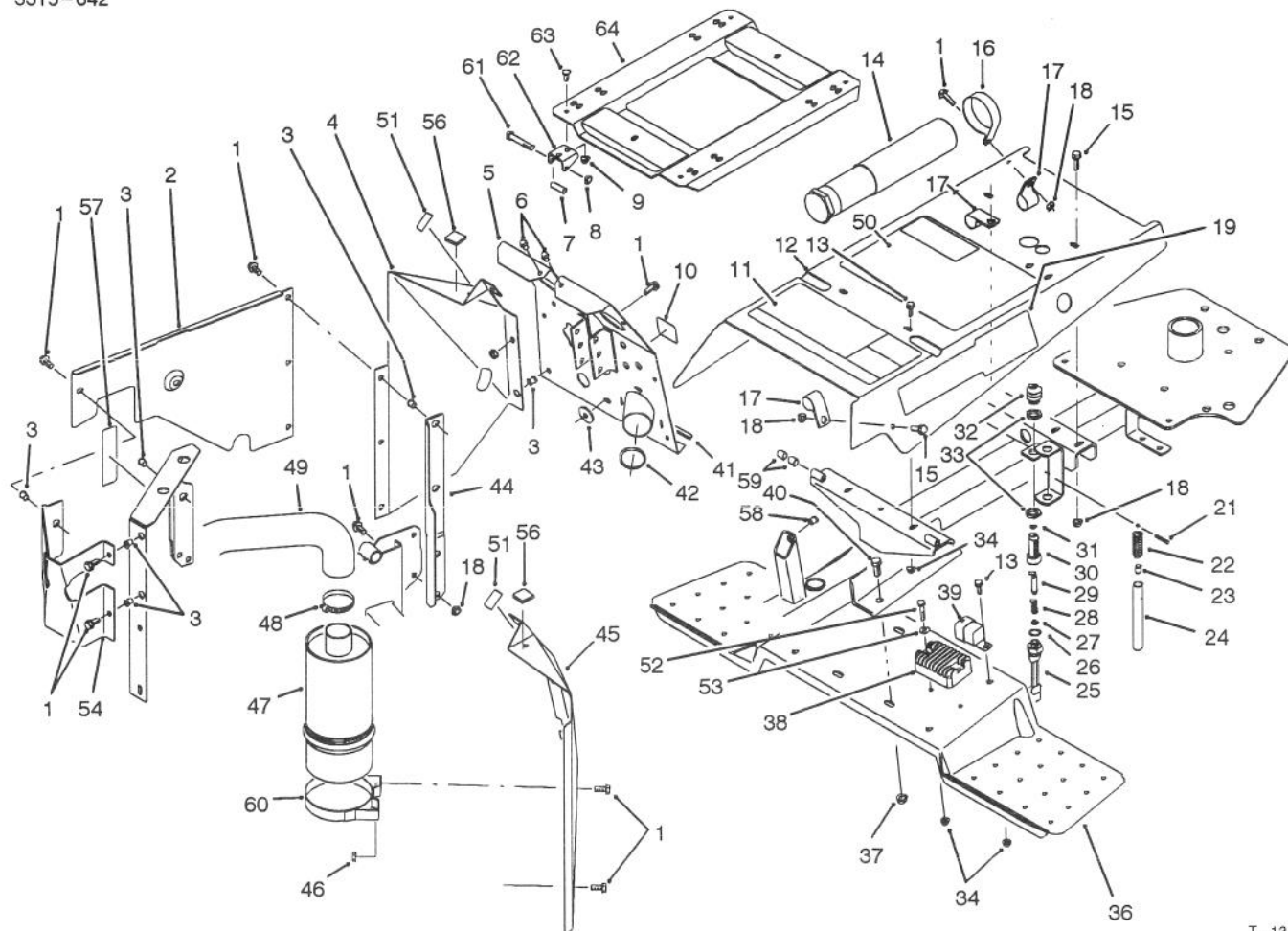
T-1347

HOOD & GRILLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	83-9720	Fender - R.H.	1	18	83-9840	Pad - Footrest L.H.	1
2	3234-5	Screw - Hex. Washer Hd.	14	†19	84-1650	Decal - Brake	1
3	32128-33	Nut - Flange Lock	2	20	83-9800	Shield - Grass Front L.H.	1
4	83-9740	Footrest - R.H.	1	21	32104-82	Screw - Hex. Washer Hd.	5
5	76-2200	Footrest - Traction	1	22	83-8510	Bracket - Fender L.H.	1
6	76-2260	Pad - Footrest Traction	1	23	3217-6	Nut - Hex.	4
7	3229-1	Screw - Carriage	2	24	3253-4	Washer - Lock	4
8	3230-27	Screw - Carriage	1	25	3256-23	Washer - Flat	4
9	32128-20	Nut - Hex.	2	26	85-4870	Support - Hinge	1
10	62-7400	Decal - TORO	1	27	3230-23	Screw - Carriage	6
11	14-5759	Hood	1	28	3290-467	Pin - Cotter Hair	2
12	83-9970	Latch - Hood	1	29	83-8850	Grille - Front	1
13	32128-14	Nut - Flange Lock	2	30	83-8860	Shield - Grass Front R.H.	1
15	83-9700	Fender - L.H.	1	31	85-4890	Hinge - Hood	1
16	32128-44	Nut - Flange Lock	13	32	256-320	Bushing	2
17	83-9710	Footrest - L.H.	1	33	32148-7	Insert - Threaded	3

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

TPS



T-1348

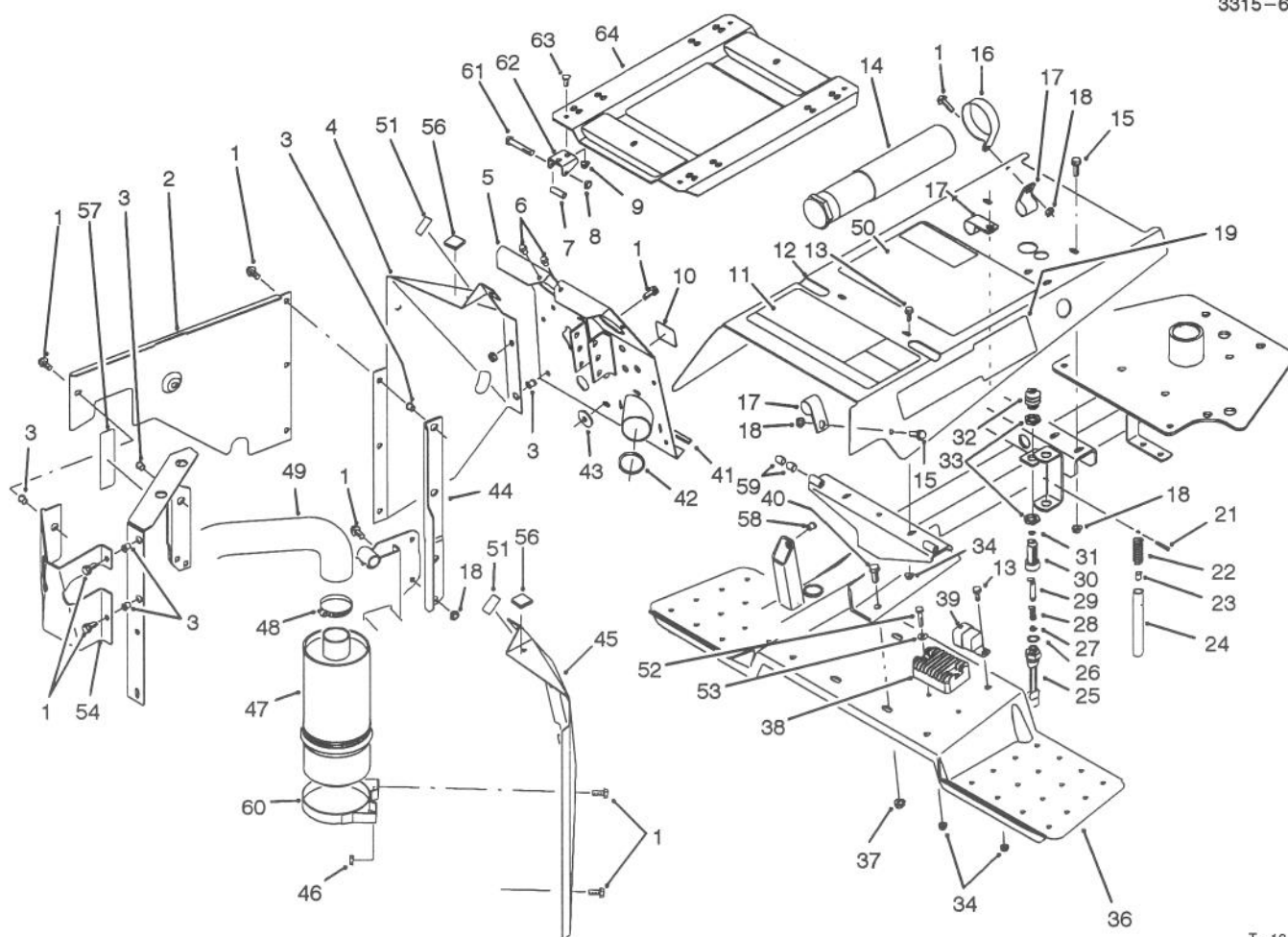
SKIRT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-5	Screw - Hex. Flange Hd.	21
2	83-8230	Panel - Right Front	1
3	32148-7	Insert - Threaded	5
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	12
19	83-8890	Decal - Reelmaster 216-D	2
21	32121-6	Pin - Roll	1
22	37-9590	Spring - Compression	1
23	28-6180	Pin	1
24	27-9870	Pin - Seat	1
25	72-4320	Switch - Seat	1
26	237-30	Seal - O-Ring	1
27	43-8610	Guide - Spring	1

Ref. No.	Part No.	Description	No. Used
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
53	3256-22	Washer - Flat	2

†Obtain from your Local Perkins Dealer

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

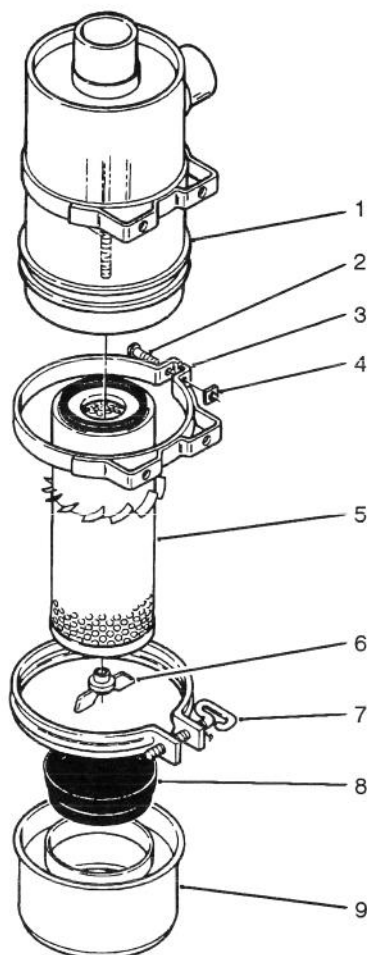


T-1348

SKIRT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
54	85-5010	Bracket - Right Front	1	61	321-11	Screw - Cap Hex. Hd.	2
56	85-5140	Foam - Hood	2	62	85-5230	Bracket - Seat Pivot	2
57	67-5360	Decal - Danger	1	63	3229-22	Bolt - Carriage	2
58	32148-8	Insert - Threaded	1	64	85-5330	Plate - Seat Mounting	1
59	256-321	Bushing - Sleeve	4	*	43-9071	Seat Switch Assembly (Incl. Ref. #25-33)	1
60	33-1350	Clamp Assembly	2				

*Not Illustrated

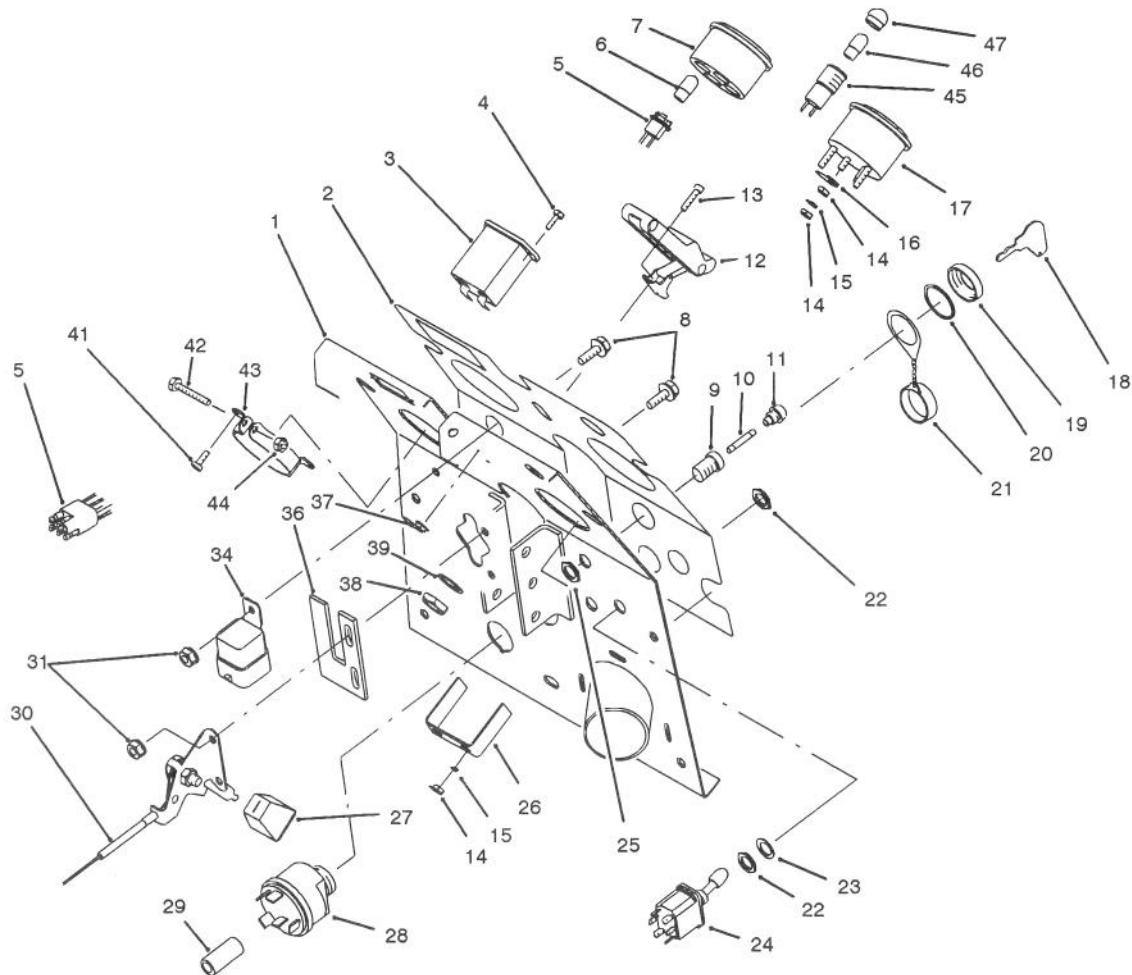


T-1349

AIR CLEANER ASSEMBLY

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

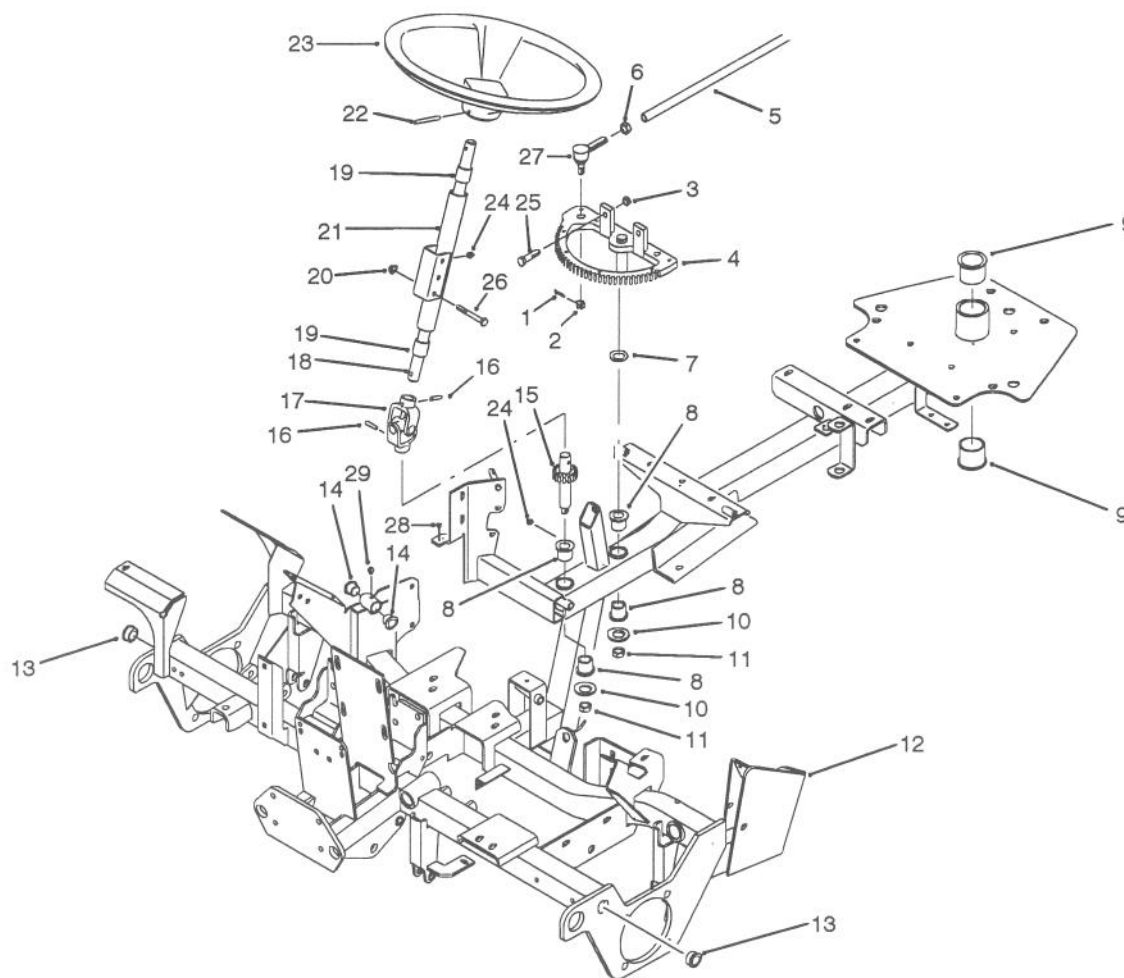
†Obtain from your local Perkins Dealer.



ELECTRICAL SCHEMATIC

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

Ref. No.	Part No.	Description	No. Used

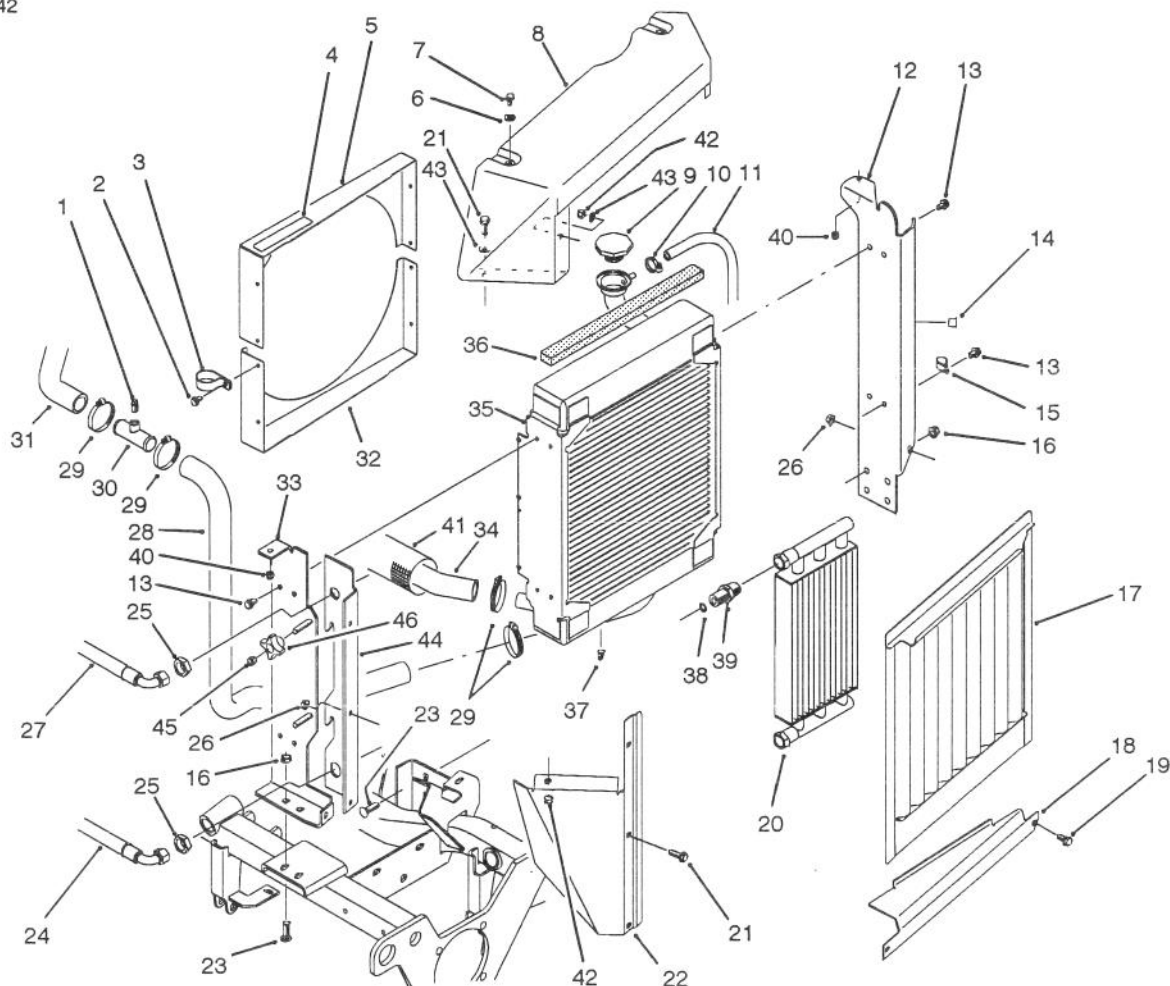


T-1351

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

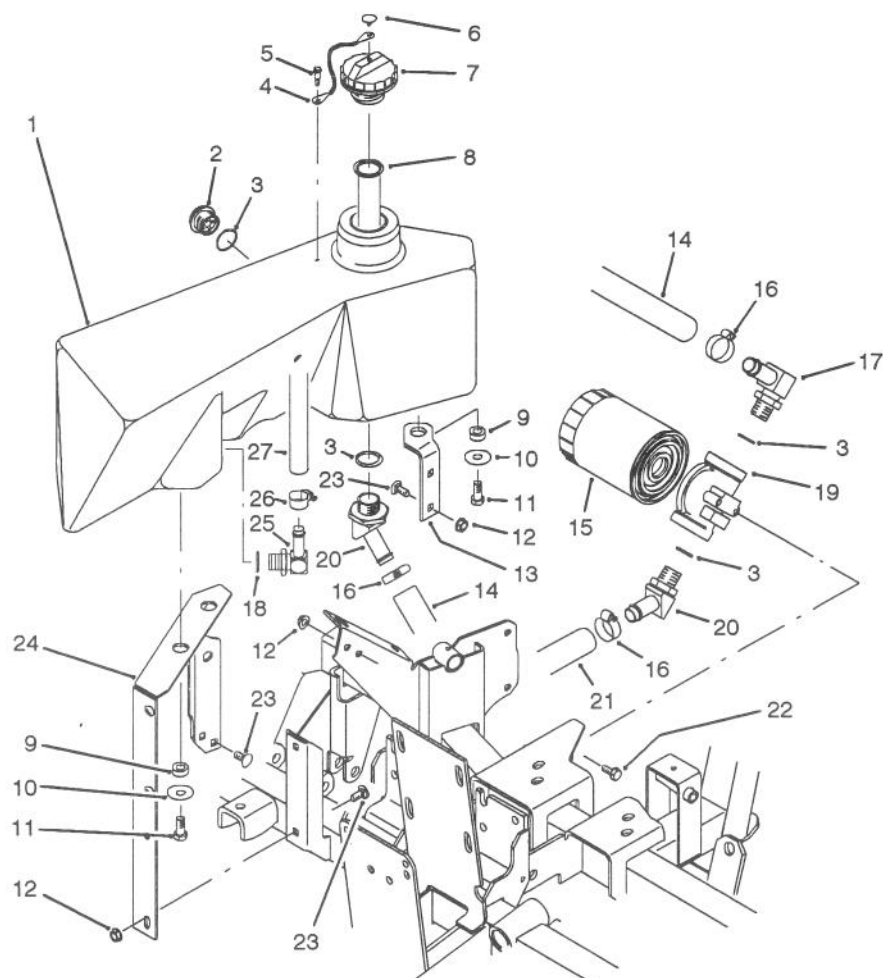


T-1352

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	281-7	Plug - Pipe	1	25	340-127	Nut - Bulkhead	2
2	32104-116	Screw - Hex. Washer Hd.	8	26	32128-44	Nut - Flange Lock	4
3	2412-74	Clamp - R	1	27	92-1177	Hose - Hydraulic	1
‡4	77-3100	Decal - Warning	1	28	83-9060	Hose - Radiator	1
5	14-8539	Top Shroud Assembly (Incl. Ref. #4)	1	29	2412-34	Clamp - Hose	5
6	3256-22	Washer - Flat	2	30	83-9080	Connector - Bleed	1
7	3234-4	Screw - Cap Hex. Hd.	2	31	83-9070	Hose - Radiator	1
8	83-8040	Cover - Left	1	32	92-2367	Shroud - Fan Bottom	1
9	66-3240	Cap - Radiator	1	33	88-6720	Bracket - Radiator Front	1
10	2412-108	Clamp - Hose	1	34	83-9050	Hose - Radiator	1
11	71-3382	Hose - Overflow	1	35	83-7550	Radiator Assembly (Incl. Ref. #37)	1
12	83-7980	Bracket - Radiator Rear	1	36	83-9030	Foam - Top	1
13	3234-28	Screw - Hex. Washer Hd.	8	37	281-1	Plug - Pipe	2
14	32148-8	Insert - Threaded	3	38	237-30	Seal - O-Ring	2
15	2412-41	Clamp - R	1	39	83-7970	Fitting - Hydraulic Bulkhead (Incl. Ref. #38)	2
16	32128-43	Nut - Flange Lock	6	40	3296-42	Nut - Lock	2
17	83-8150	Screen - Radiator	1	41	85-5170	Sleeve	1
18	83-8070	Bracket - Radiator Bottom	1	42	3296-29	Nut - Lock	2
19	3234-5	Screw - Hex. Washer Hd.	2	43	3256-23	Washer - Flat	2
20	24-0760	Cooler - Oil	1	44	88-6730	Bracket - Screen Front	1
21	3234-17	Screw - Hex. Washer Hd.	4	45	32153-1	Nut - Lock	2
22	83-8210	Panel - Front Left	1	46	92-2368	Knob - Clamp	2
23	3231-22	Bolt - Carriage	6				
24	92-1583	Hose - Hydraulic	1				

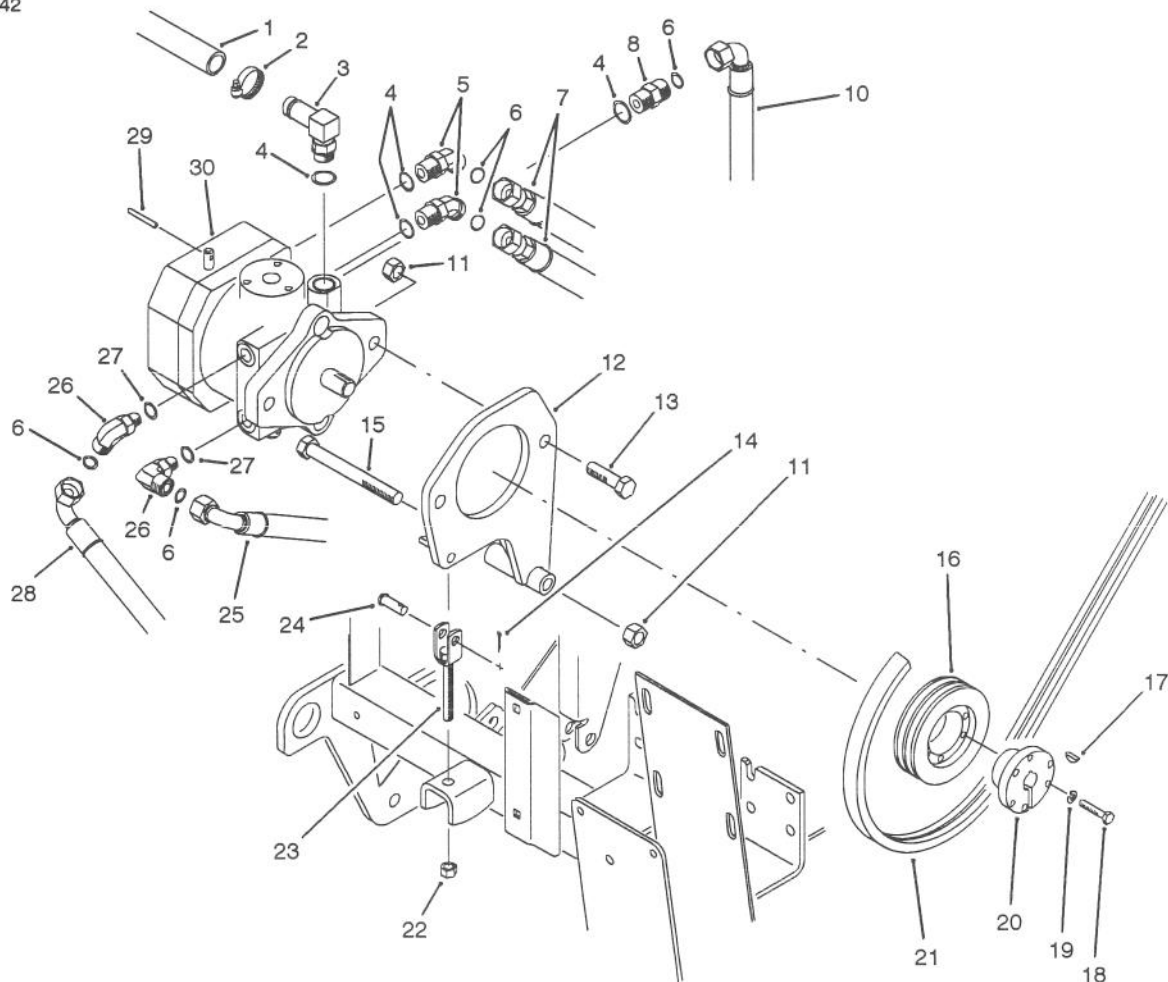
‡For different language versions of this part, see International Decal Cross Reference.



T-1353

HYDRAULIC RESERVOIR & FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	83-7720	Reservoir - Hydraulic	1	15	54-0110	Element - Oil Filter	1
2	69-1170	Glass - Sight (Incl. Ref. #3)	1	16	3212-34	Clamp - Hose	3
3	237-81	Seal - O-Ring	4	17	353-987	Fitting - Hydraulic 90° (Incl. Ref. #3)	1
4	75-0540	Teather - Cap	1	18	237-79	Seal - O-Ring	1
5	57-5420	Screw - Shoulder	1	19	68-8990	Head - Oil Filter	1
6	2410-73	Retainer - Teather	1	20	354-127	Fitting - Hydraulic 45° (Incl. Ref. #3)	2
7	70-8640	Cap - Hydraulic Reservoir (Incl Ref. #4 & 6)	1	21	83-9650	Hose - Hydraulic	1
8	61-2790	Screen - Filler	1	22	3234-4	Screw - Hex. Washer Hd.	2
9	240-11	Grommet	3	23	3230-23	Screw - Carriage	6
10	63-8410	Washer - Flat	3	24	83-7780	Bracket - Support	1
11	323-5	Screw - Cap Hex. Hd.	3	25	354-120	Fitting - Hydraulic 90° (Incl. Ref. #18)	1
12	32128-44	Nut - Hex. Flange Hd.	6	26	2412-36	Clamp - Hose	1
13	83-9920	Bracket - Reservoir	1	27	92-1178	Hose - Hydraulic	1
14	83-9651	Hose - Hydraulic	1				

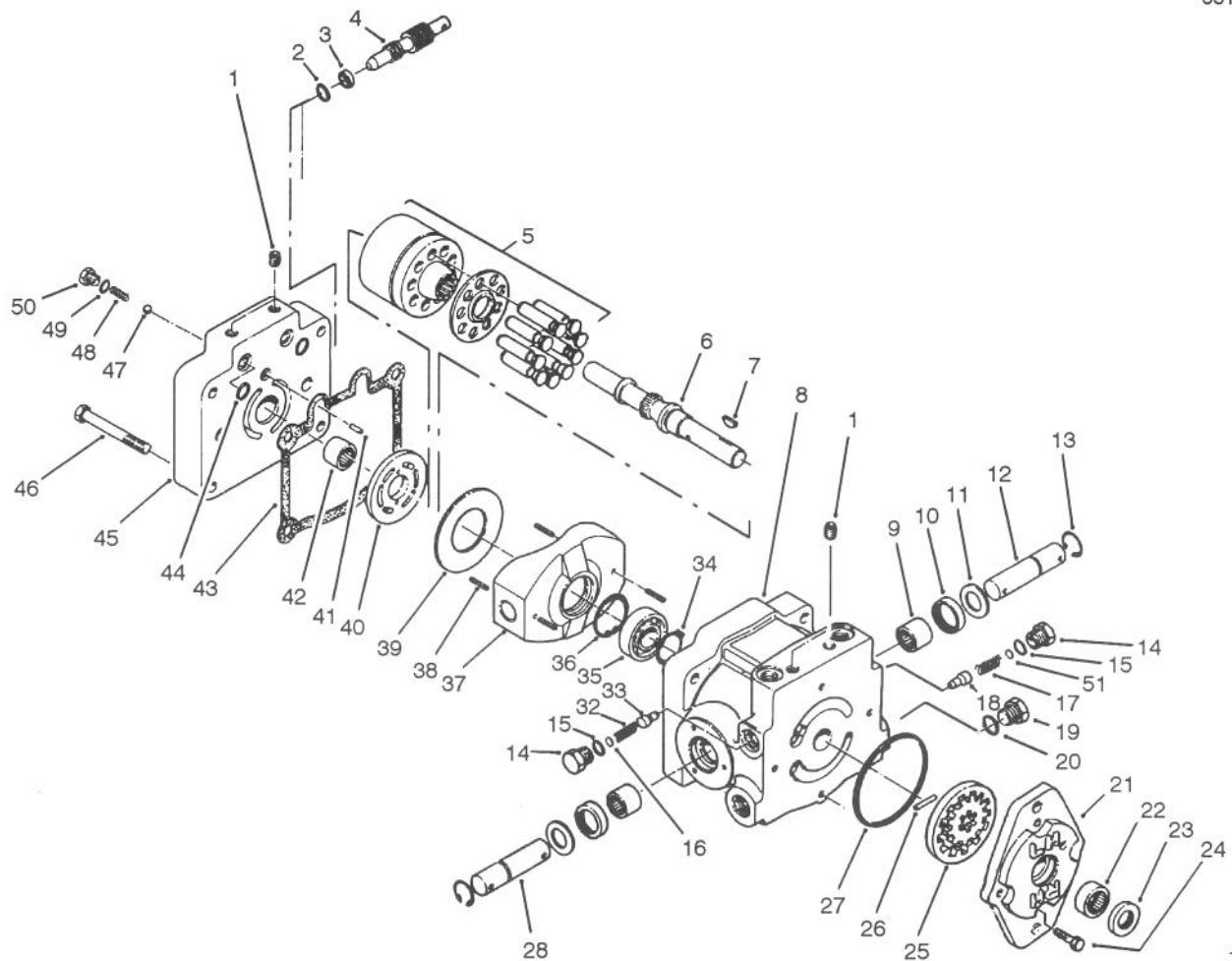


T-1354

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



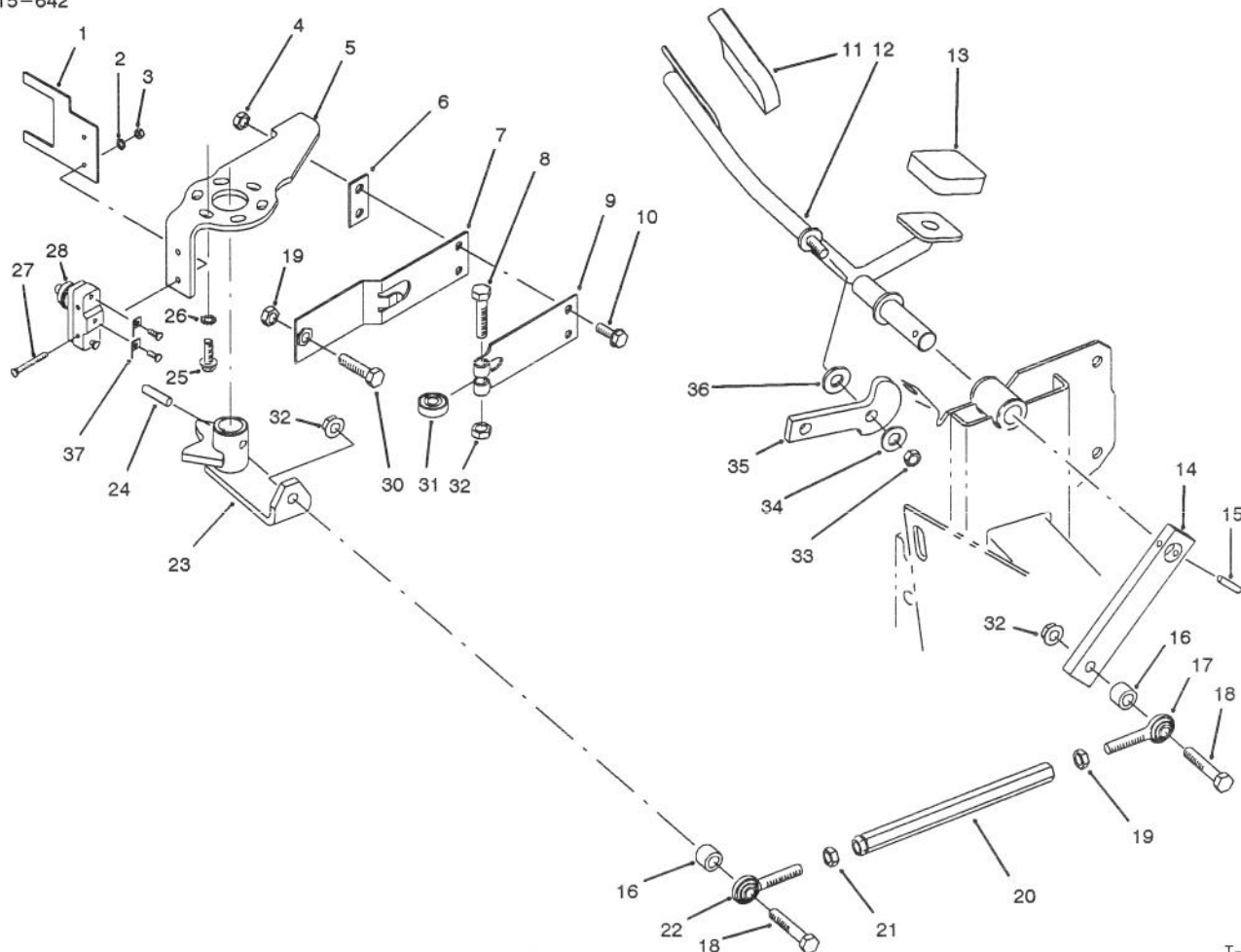
T-0245

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	85-4920	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

*Not Illustrated

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

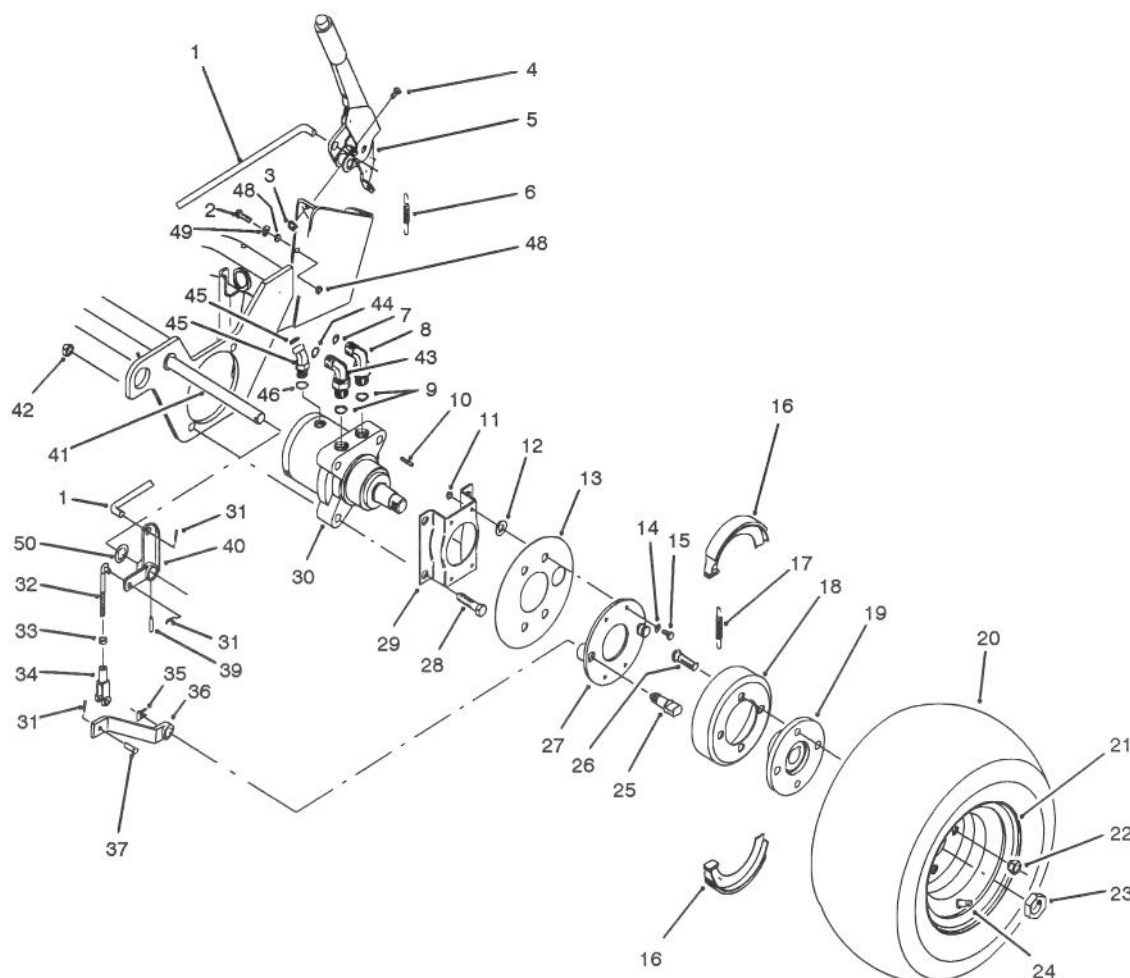


T-1355

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 - Cap Hex. Hd.	2
11	74-9100	Pad - Forward	1
12	83-8270	Pedal - Traction	1
13	74-9110	Pad - Reverse	1
14	61-2610	Arm - Traction	1
15	32121-6	Pin - Roll	1
16	61-2370	Spacer	2
17	2411-52	End - Rod	1
18	322-9	Screw - Cap Hex. Hd.	2

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

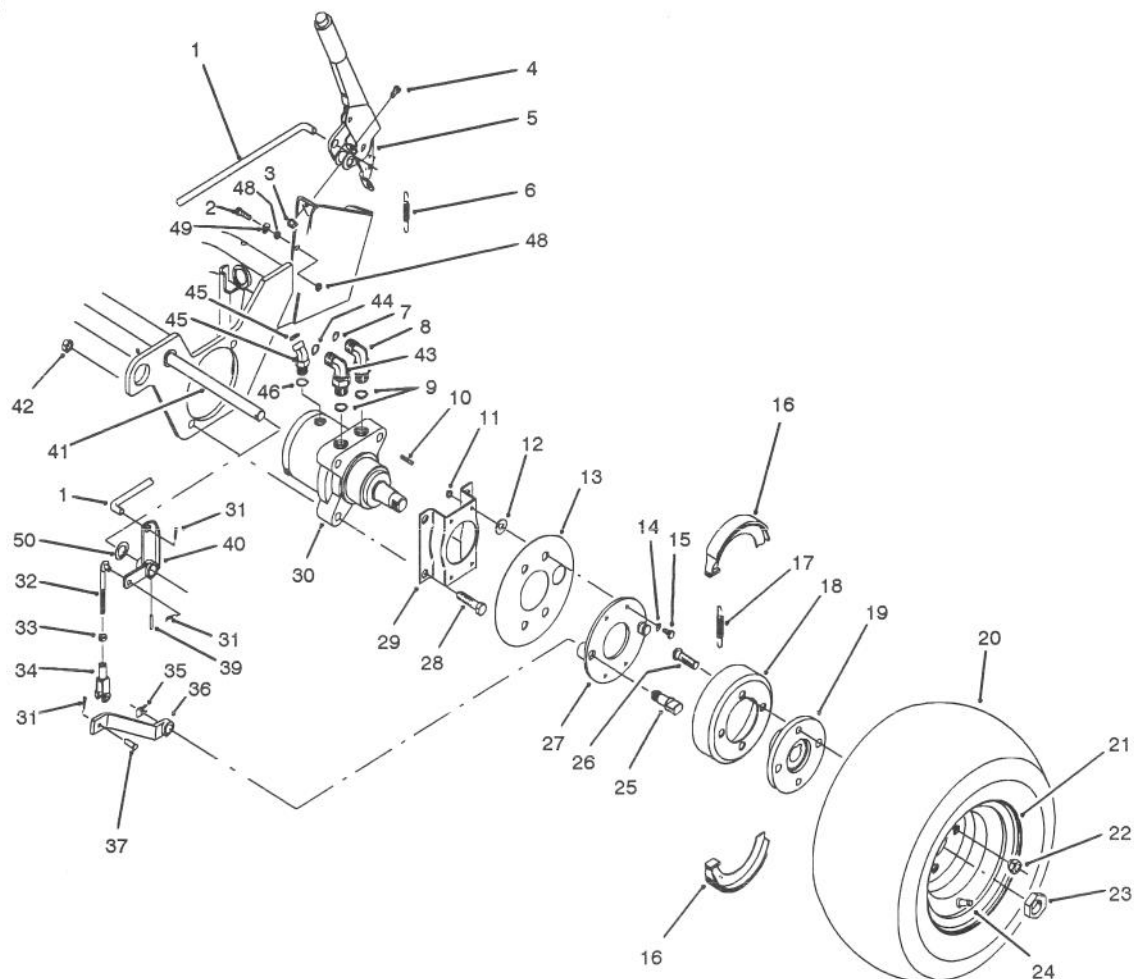


T-1356

FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	83-9350	Rod - Parking Brake	1	23	26-3790	Nut - Lock	2
2	322-17	Screw - Cap Hex. Hd.	1	24	232-27	Valve - Stem	2
3	32128-44	Nut - Lock	2	25	70-9860	Pin - Pivot Brake	2
4	3234-5	Screw - Hex. Washer Hd.	2	26	85-6540	Stud - Drive	8
5	61-3990	Parking Brake Assembly	1	27	70-9870	Plate - Brake	2
6	5-7290	Spring - Extension	1	28	325-11	Screw - Cap Hex. Hd.	8
7	237-30	Seal - O-Ring	2	29	84-2000	Bracket - Brake	2
8	340-105	Fitting - Hydraulic 90° (Incl. Ref. 7 & 9)	2	30	66-5291	Hydraulic Motor Assembly (Incl. Ref. #10)	2
9	237-80	Seal - O-Ring	4	31	3272-6	Pin - Cotter	5
10	3257-15	Key - Square	2	32	84-1990	Rod - Adjusting	2
11	3296-42	Nut - Lock	8	33	3220-2	Nut - Jam	2
12	3256-16	Washer - Flat	8	34	282-2	Clevis	2
13	83-9340	Shield - Grass	2	35	70-9850	Clip - Retaining	2
14	3253-3	Washer - Lock	8	36	83-9250	Lever - Brake	2
15	321-5	Screw - Cap Hex. Hd.	8	37	283-1	Pin - Clevis	2
16	70-9840	Shoe - Brake	4	39	32121-6	Pin - Roll	2
17	70-9880	Spring - Extension	4	40	83-9270	Pivot - Brake L.H.	1
18	10-6821	Brake Drum Assembly (Incl. Ref. #19 & 26)	2	*	83-9310	Pivot - Brake R.H.	1
19	10-6870	Hub - Wheel	2	41	83-9330	Shaft - Brake	1
20	231-127	Tire	2	42	3296-23	Nut - Lock	8
21	217-60	Rim	2	43	340-17	Fitting - Hydraulic 90° (Incl. Ref. #9 & 44)	2
22	242-50	Nut - Lug	8	44	237-65	Seal - O-Ring	2

*Not Illustrated



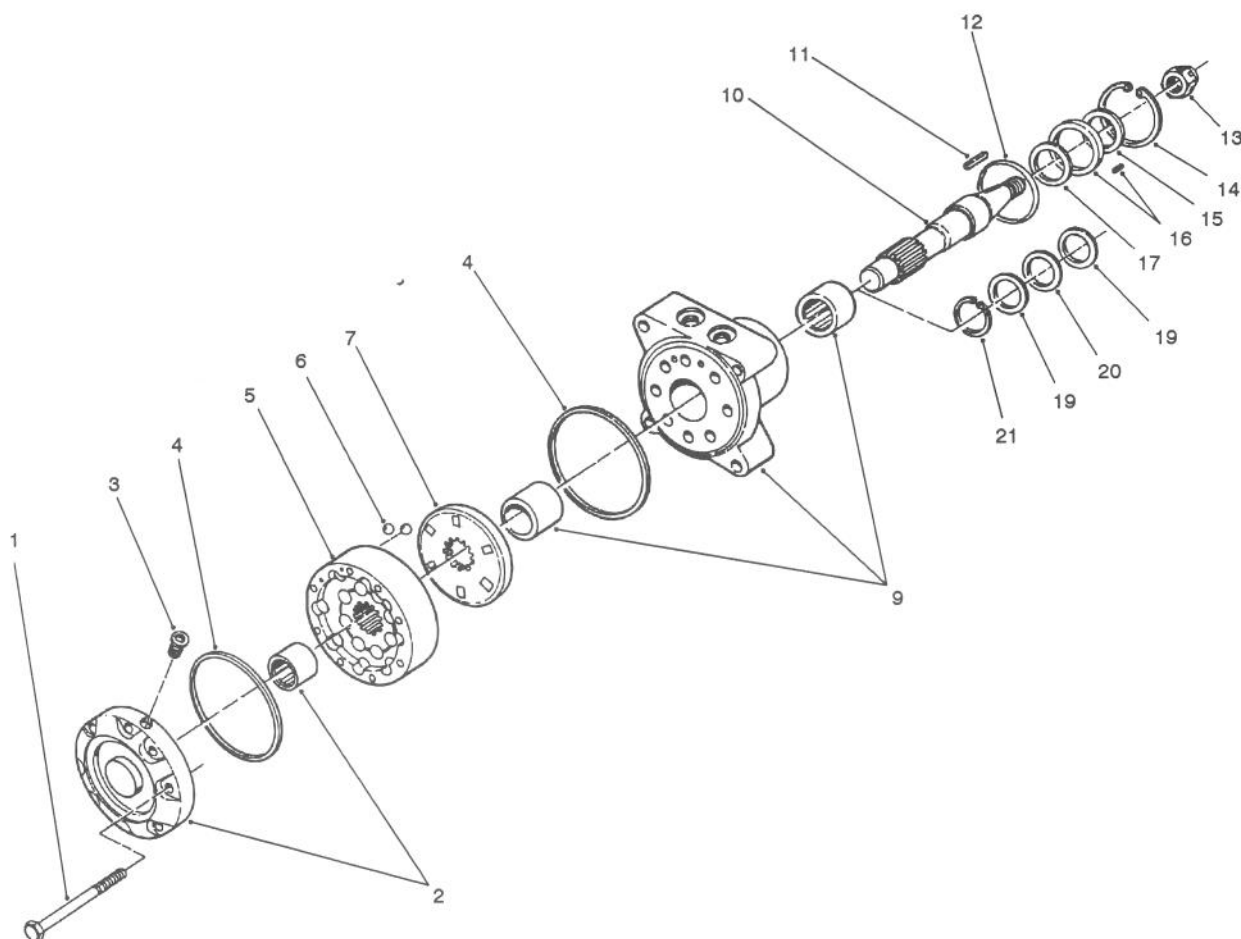
T-1356

FRONT WHEEL ASSEMBLY (Continued)

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

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

*Not Illustrated



T-0274

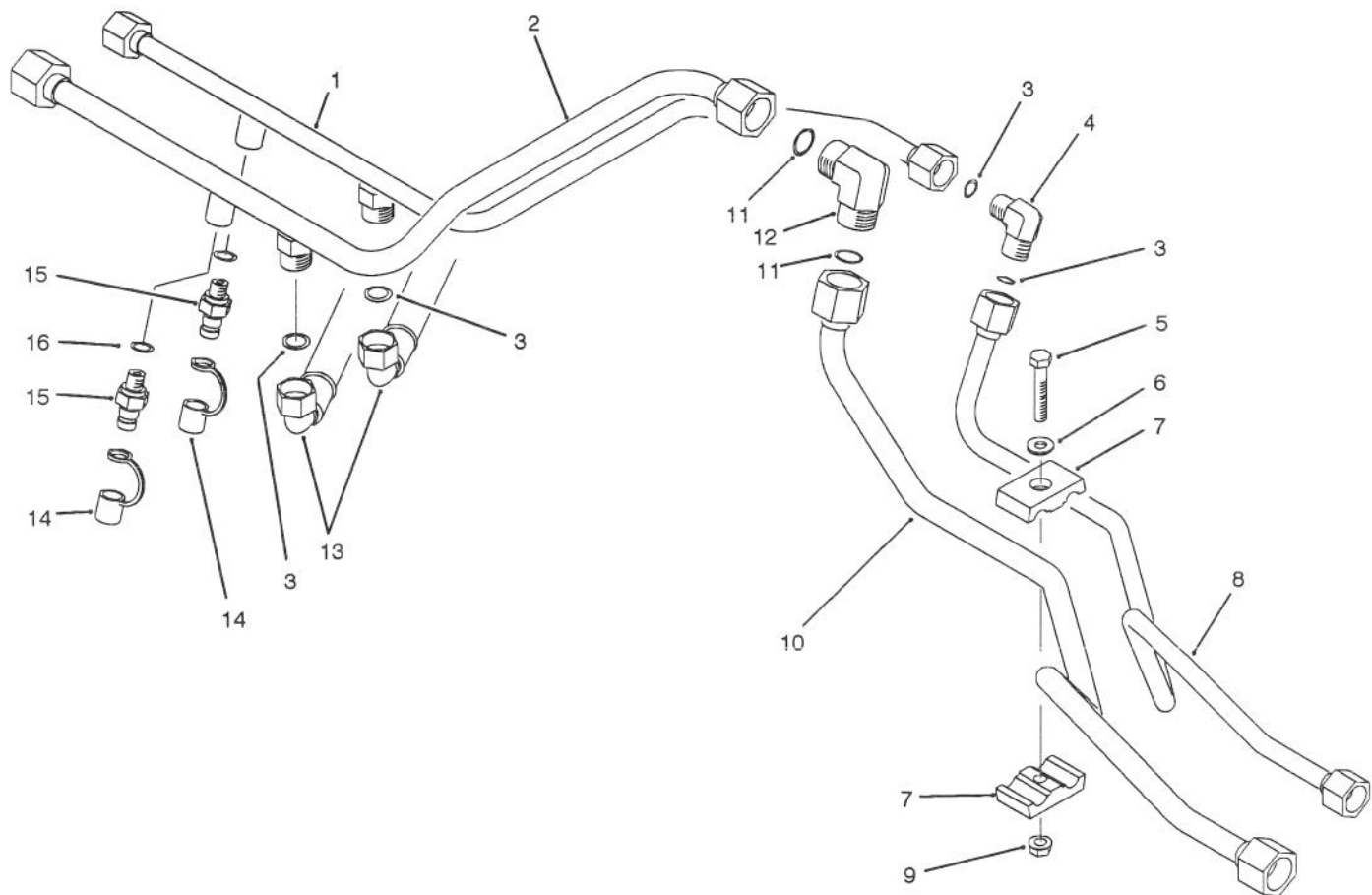
HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 66-5291

Ref. No.	Part No.	Description	No. Used
1	65-4580	Screw - Cap Hex Hd.	8
2	65-4680	Cover & Bearing Assembly	1
3	65-4560	Plug - Hex (Hollow)	1
4	65-4570	Seal - Square Ring	2
5	66-6110	IGR Assembly	1
6	65-4550	Valve - Check Ball	2
7	70-8150	Plate - Valve	1
9	65-4670	Body & Bearing Assembly	1
10	65-4660	Shaft	1
11	65-4640	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.



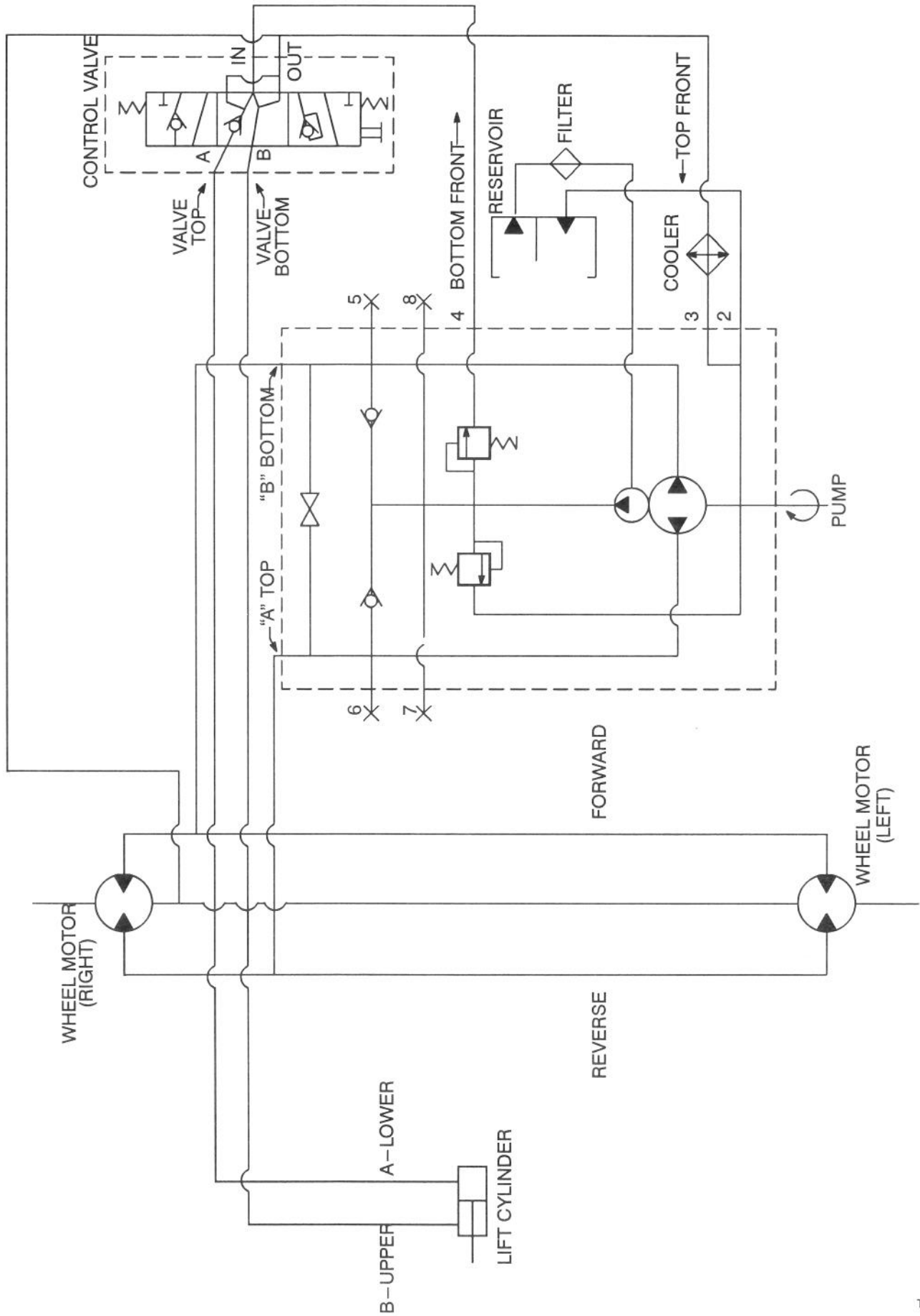
T-1357

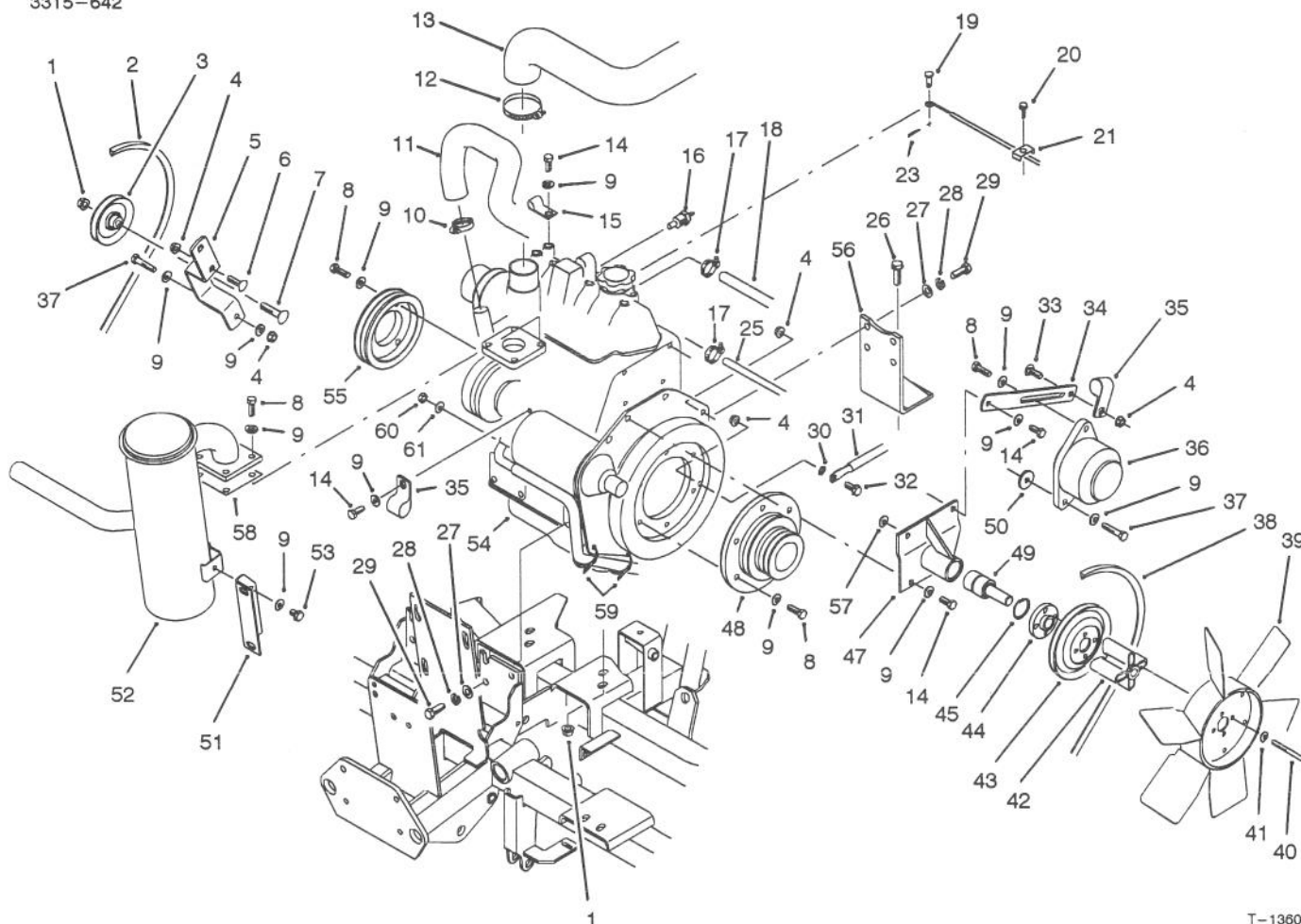
DRIVE MOTOR PLUMBING ASSEMBLY

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

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

HYDRAULIC SCHEMATIC



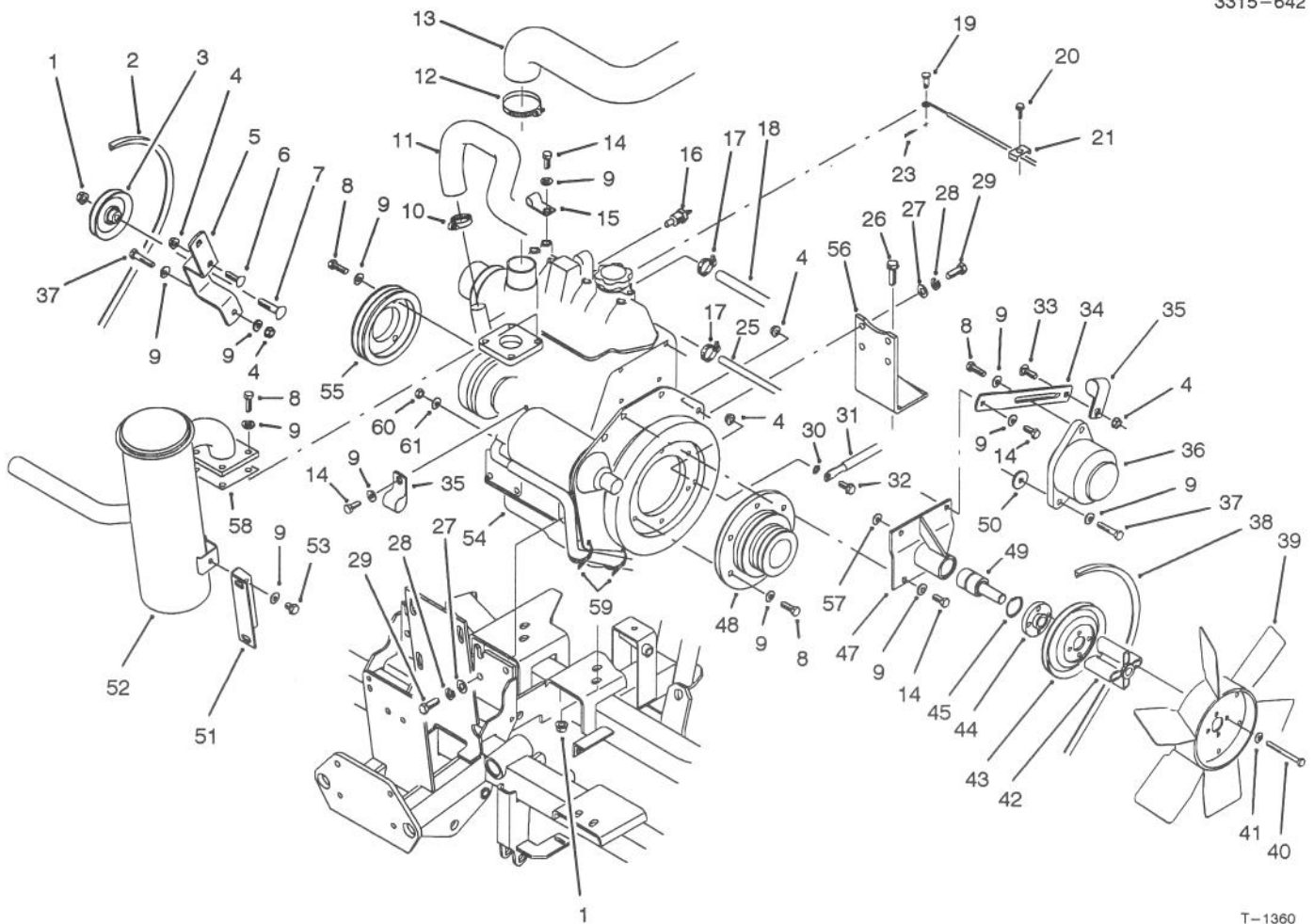


T-1360

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32128-43	Nut - Flange Lock	5	29	48-7780	Screw - Cap Hex. Hd.	16
2	37-9090	Belt - V	1	30	3255-8	Washer - Lock E.T.L.W.	1
3	63-8140	Pulley - Idler	1	31	83-9210	Cable - Ground	1
4	32128-44	Nut - Flange Lock	5	32	3234-5	Screw - Hex. Washer Hd.	1
5	83-7690	Bracket - Idler	1	33	3230-1	Screw - Carriage	1
6	3230-22	Screw - Carriage	1	34	83-7700	Bracket - Alternator	1
7	3231-26	Screw - Carriage	1	35	2412-39	Clamp - R	2
8	48-9460	Screw - Cap Hex. Hd.	14	†36	185046210	Alternator	1
9	3256-23	Washer - Flat	23	37	322-7	Screw - Cap Hex. Hd.	2
10	2412-34	Clamp - Hose	1	38	83-9020	Belt - V	1
11	83-9070	Hose - Coolant	1	†39	145306380	Fan	1
12	2412-92	Clamp - Hose	1	40	321-14	Screw - Cap Hex. Hd.	4
13	83-8550	Hose - Air Intake	1	41	48-8010	Washer - Flat	4
14	48-7700	Screw - Cap Hex. Hd.	6	42	83-7620	Spacer - Fan	1
15	2412-93	Clamp - R	1	43	83-7630	Pulley - Fan	1
16	82-3110	Sensor - Temp	1	44	83-7610	Hub - Fan	1
17	2412-108	Clamp - Hose	2	45	32120-10	Ring - Retaining	1
18	63-7620	Hose - Fuel	1	47	83-9880	Bracket - Fan Spindle	1
19	283-62	Pin - Clevis	1	48	83-8410	Pulley - Engine	1
20	3290-432	Screw - Hex. Hd.	1	49	36-7290	Spindle - Fan	1
21	81-1690	Clamp - Throttle Cable	1	50	62-9510	Washer - Flat	1
23	3272-9	Pin - Cotter	1	51	83-8220	Bracket - Muffler	1
25	75-4703	Hose - Fuel	1	52	83-8500	Muffler	1
26	3234-24	Screw - Hex. Flange Hd.	4	53	3234-28	Screw - Hex. Washer Hd.	1
27	3256-24	Washer - Flat	16	54	83-7540	Engine Assembly	1
28	48-9590	Washer - Lock	16	55	83-7590	Pulley - Engine	1

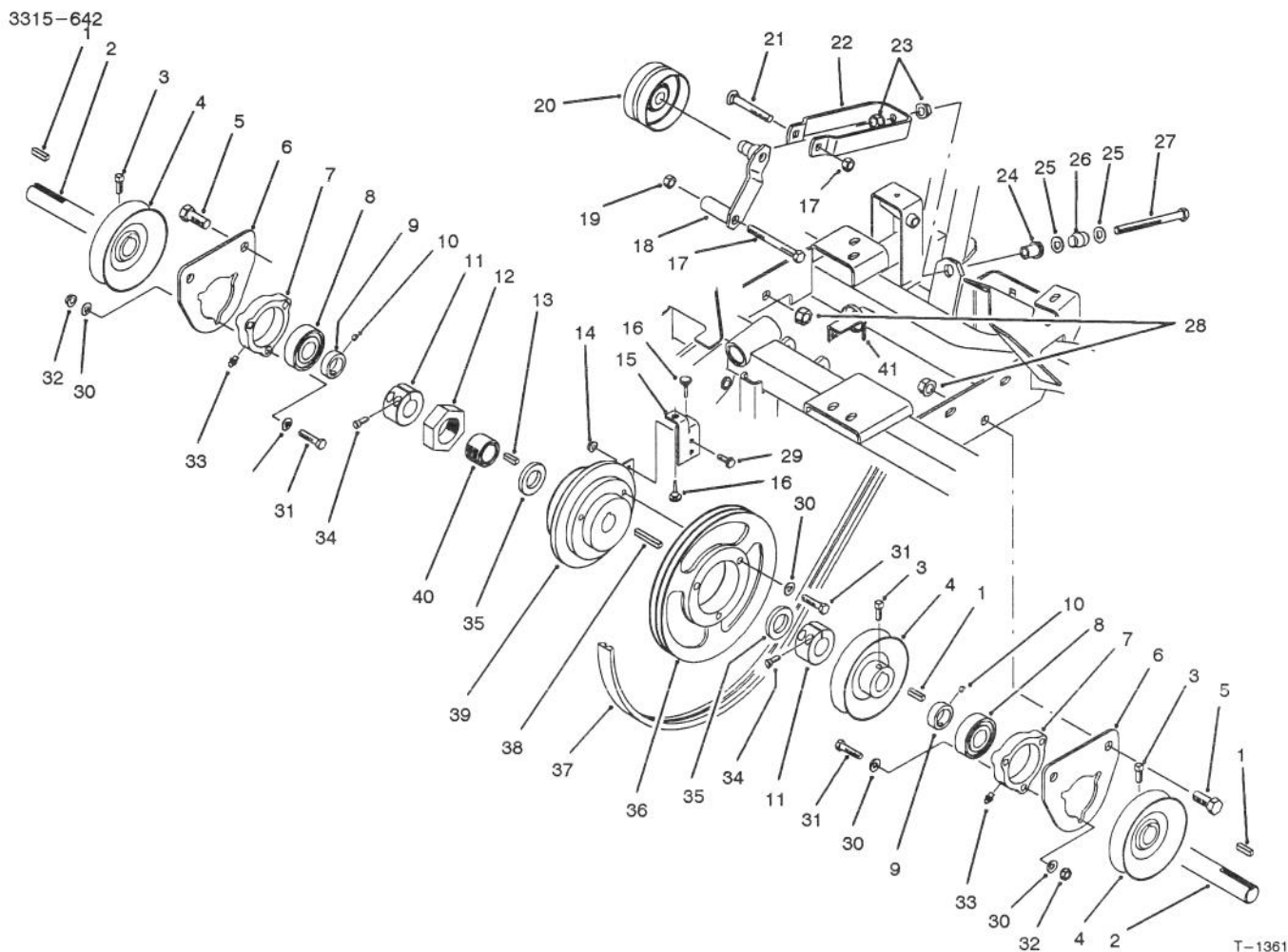
†Obtain from your local Perkins Dealer.



ENGINE INSTALLATION ASSEMBLY (Continued)

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

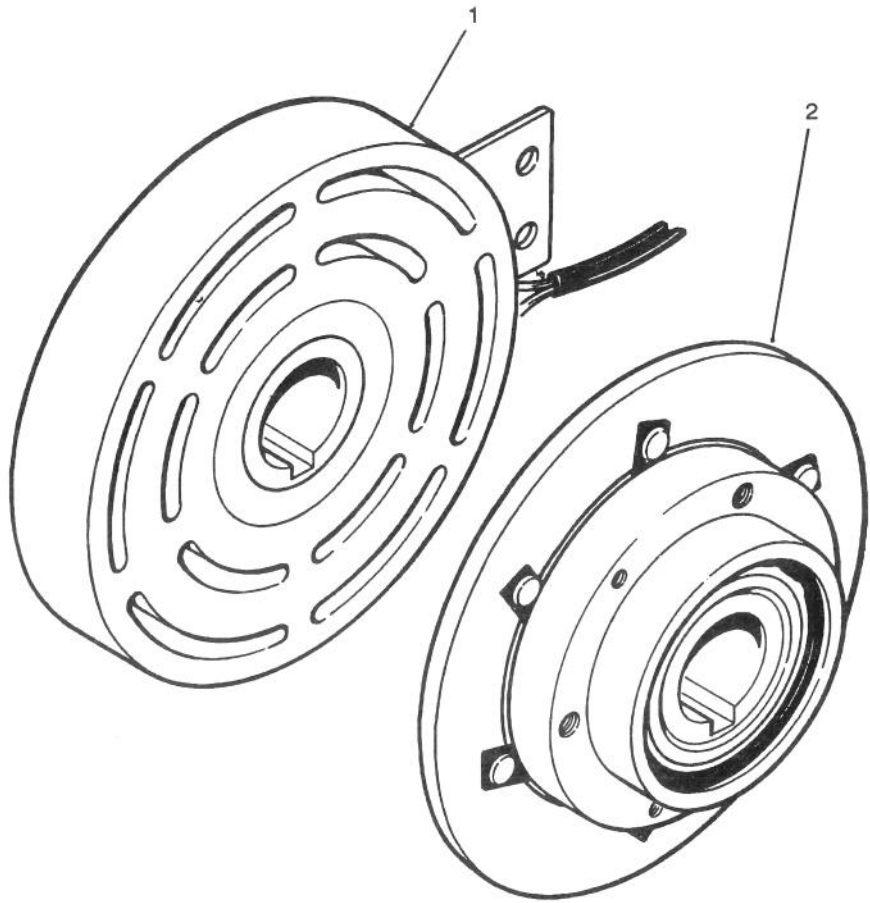
Ref. No.	Part No.	Description	No. Used
59	3290-379	Tie - Cable	2
60	57-6390	Nut	1
61	42-9850	Washer	1



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

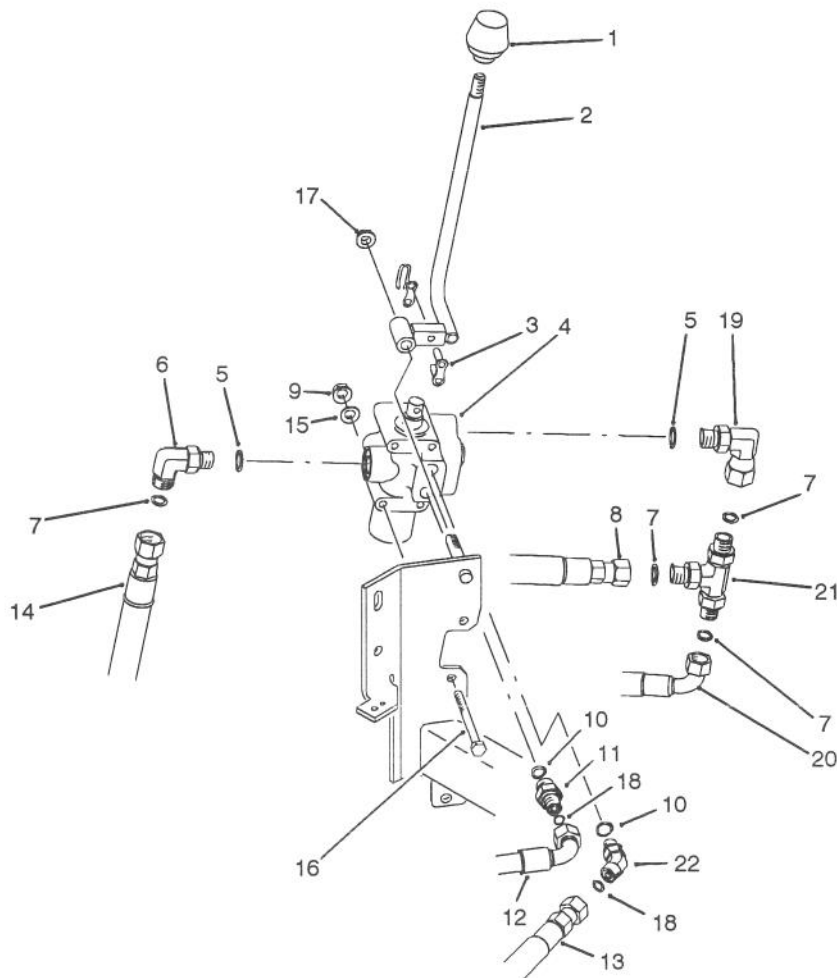


T-1362

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

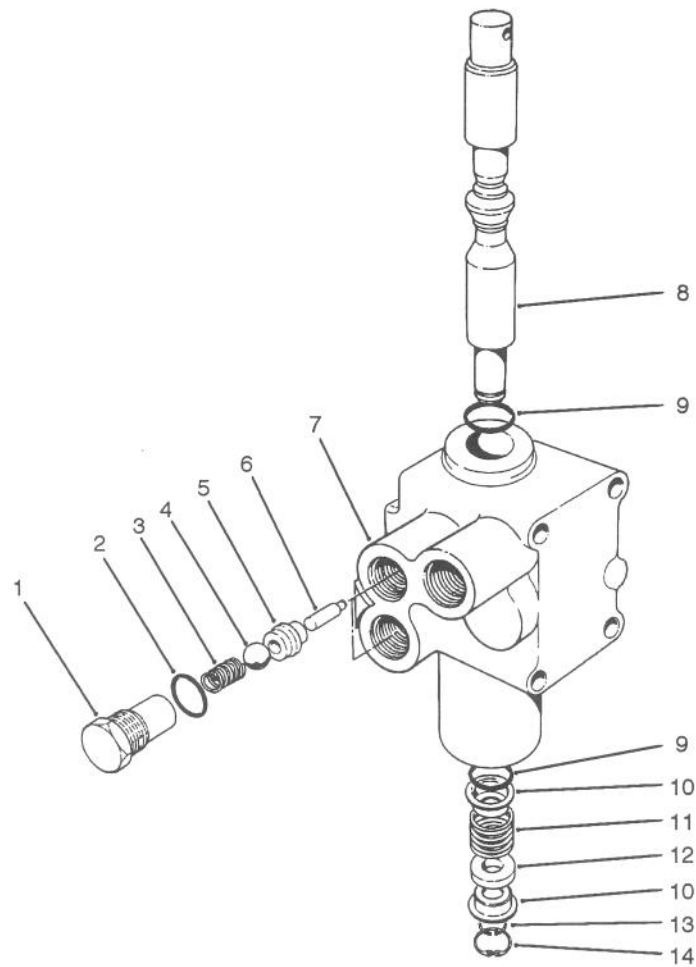


T-1376

CUTTING UNIT LIFT VALVE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-37	Knob	1
2	85-5160	Lever - Lift Valve	1
3	2710-16	Connecting Link Assembly	1
4	43-1950	Lift Valve Assembly	1
5	237-42	Seal - O-Ring	1
6	340-77	Fitting - Hydraulic 90° (Incl. Ref. #5 & 7)	1
7	237-22	Seal - O-Ring	4
8	92-1177	Hose - Hydraulic	1
9	3296-16	Nut - Flange Lock	2
10	237-78	Seal - O-Ring	2
11	340-92	Fitting - Hydraulic Straight (Incl. Ref. #10 & 18)	1
12	83-9610	Hose - Hydraulic	1

Ref. No.	Part No.	Description	No. Used
13	85-5310	Hose - Hydraulic	1
14	83-9640	Hose - Hydraulic	1
15	3256-22	Washer - Flat	2
16	321-23	Screw - Cap Hex. Hd.	2
17	3296-39	Nut - Flange Lock	1
18	237-21	Seal - O-Ring	2
19	340-110	Fitting - Hydraulic 90° (Incl. Ref. #5)	1
20	85-4990	Hose - Hydraulic	1
21	340-20	Fitting - Hydraulic Tee (Incl. Ref. #7)	1
22	340-103	Fitting - Hydraulic 90° (Incl. Ref. #10 & 18)	1

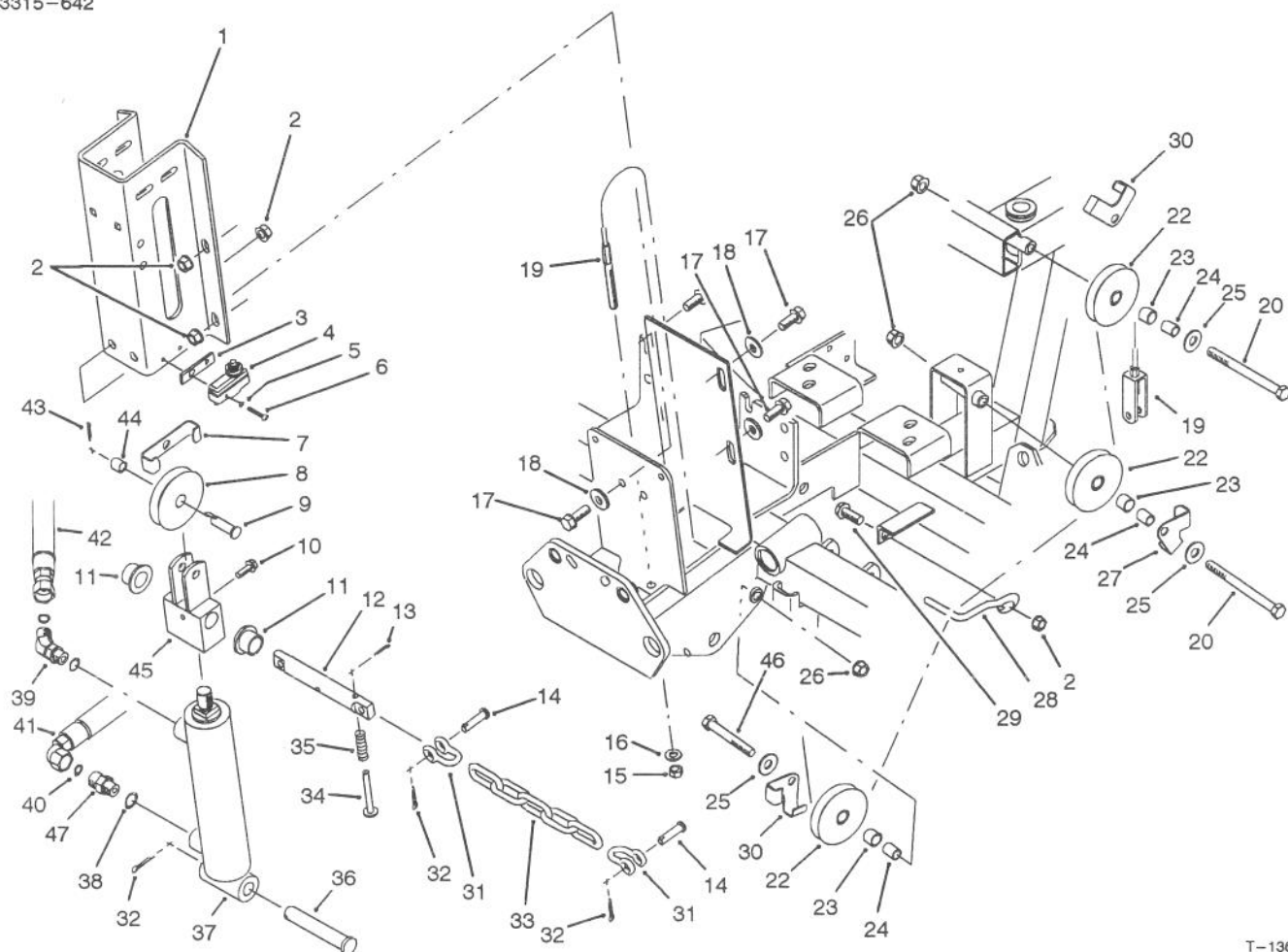


T-0280

CONTROL VALVE ASSEMBLY NO. 43-1950

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

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

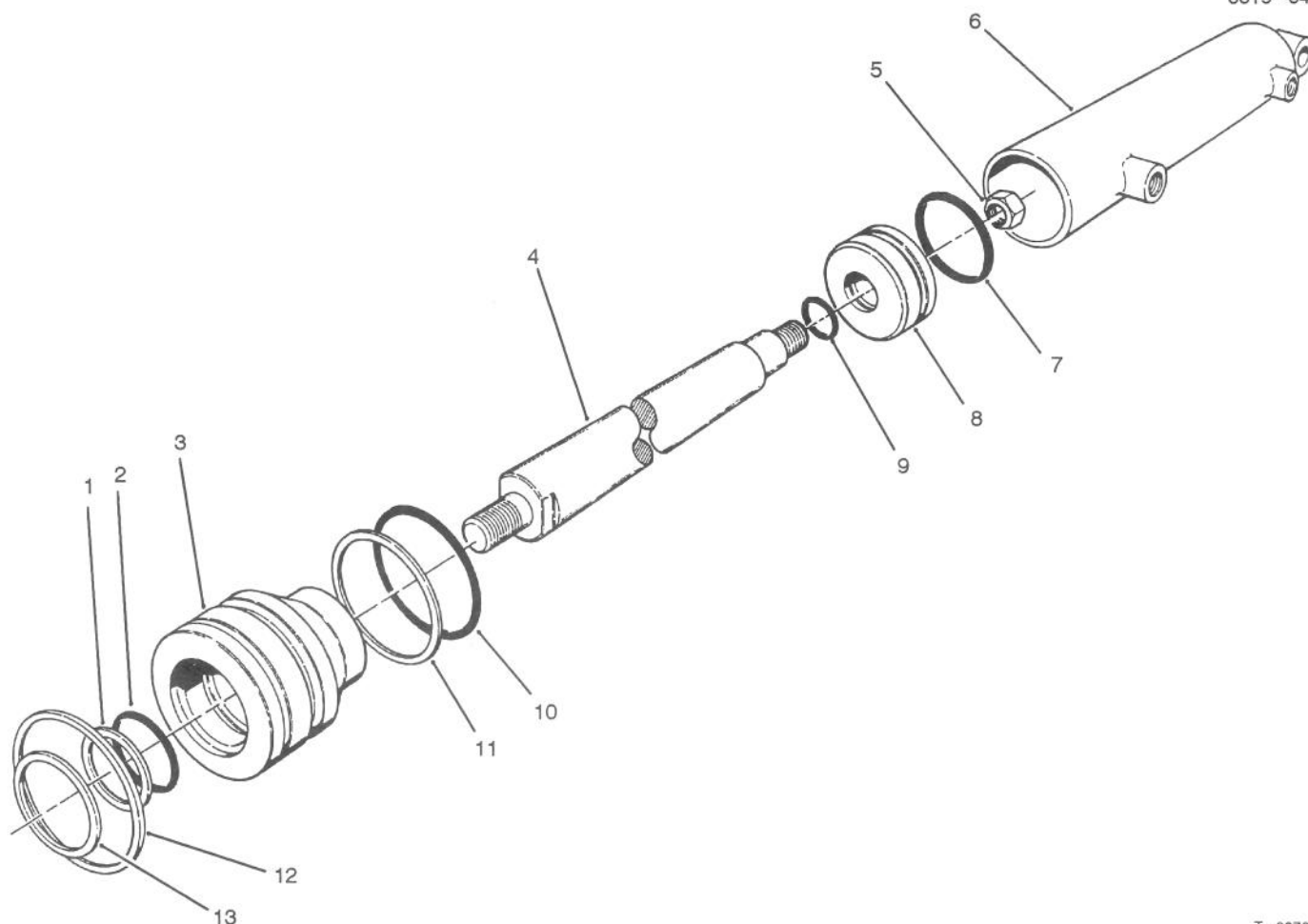


T-1364

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



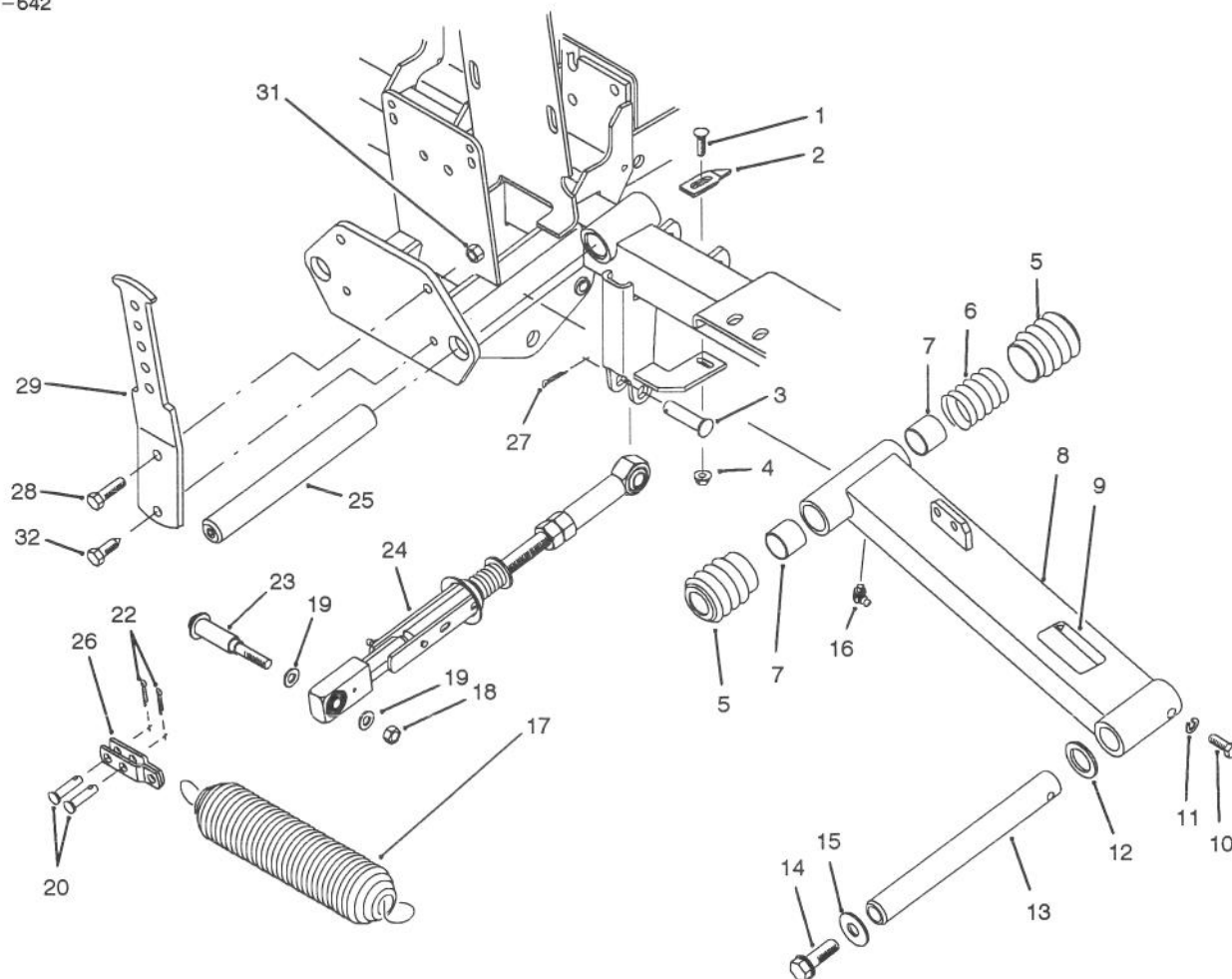
T-0278

HYDRAULIC CYLINDER ASSEMBLY NO. 76-0020

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

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

*Not Illustrated



T-1365A

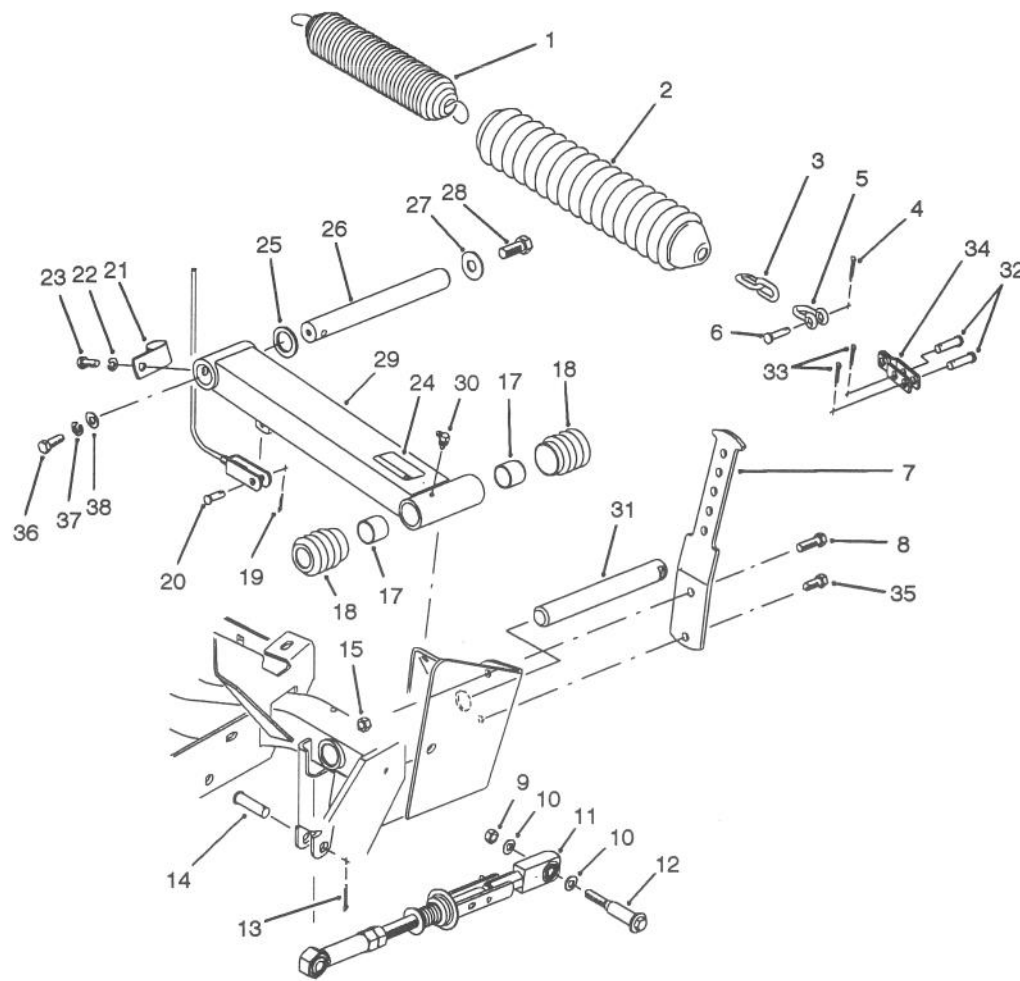
FRONT CUTTING UNIT LIFT ARM ASSEMBLY

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.



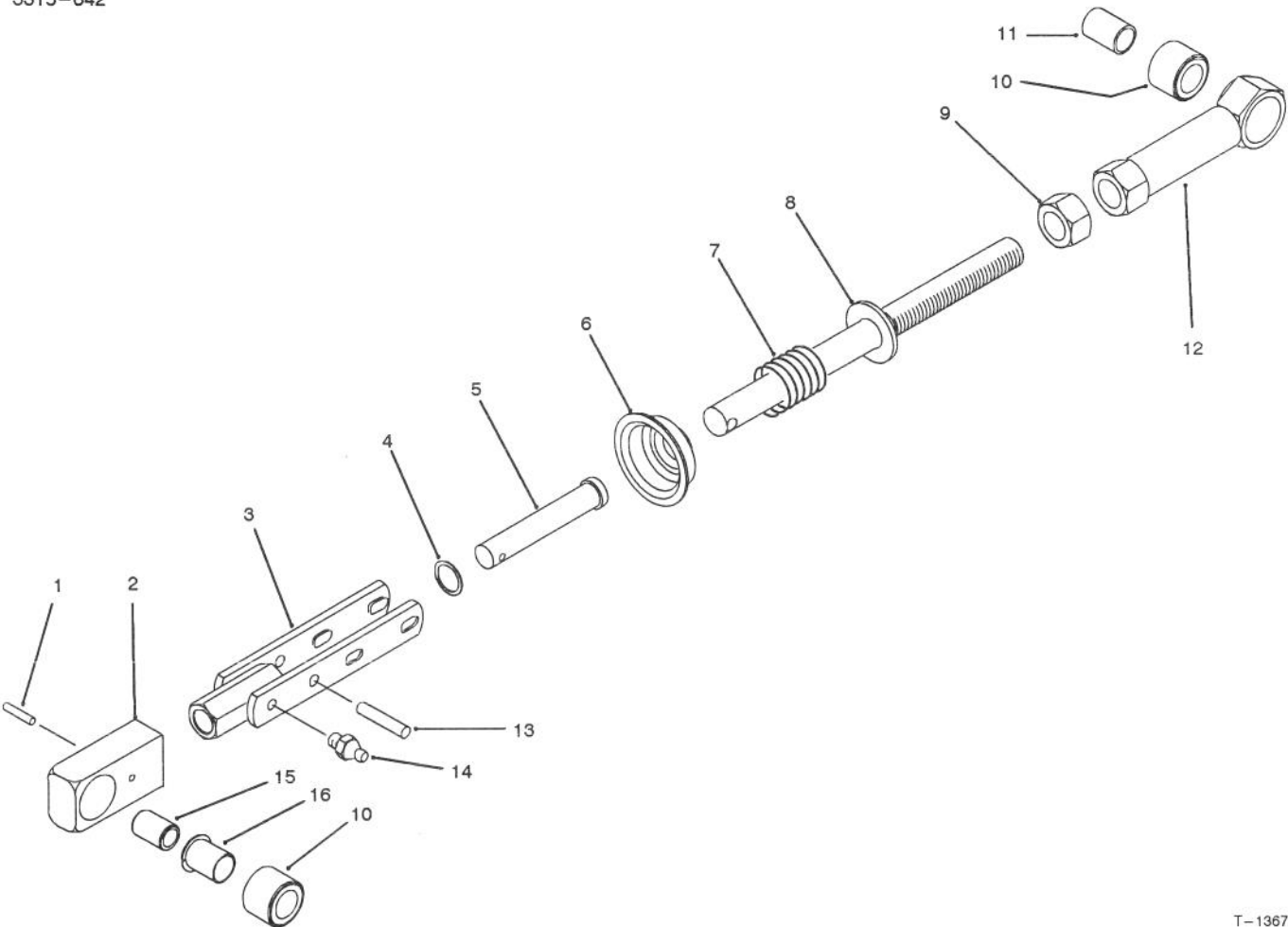
T-1366A

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.

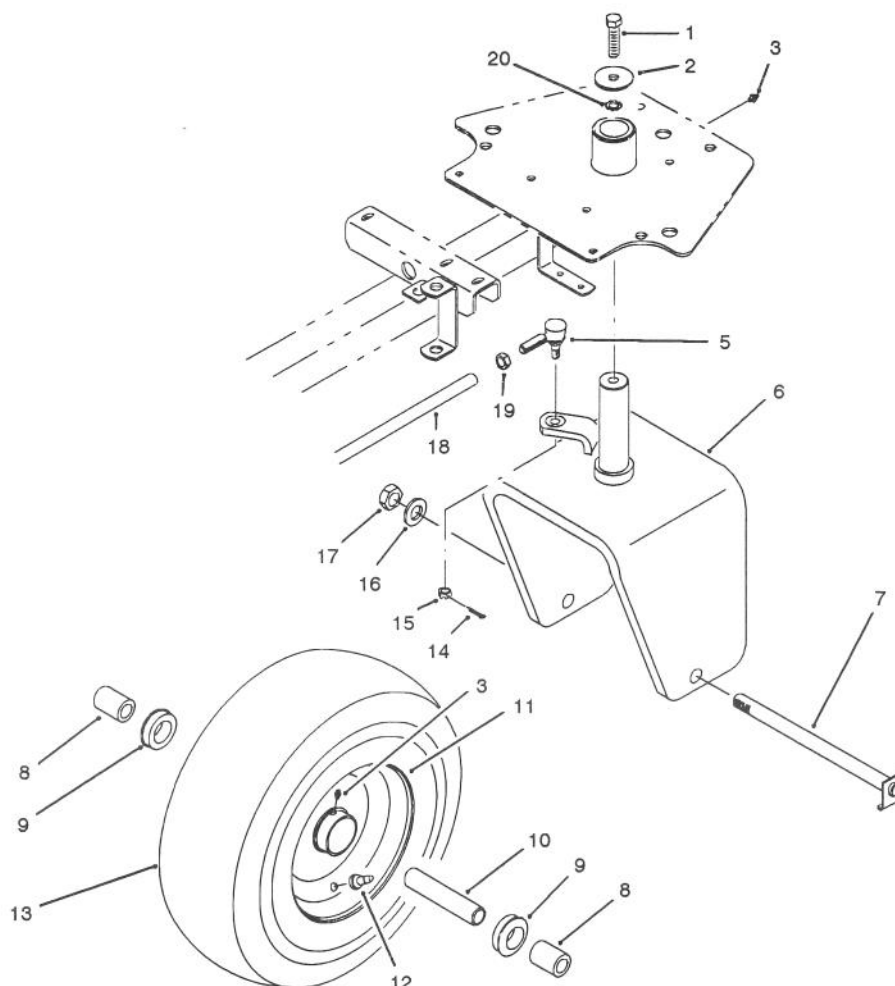


T-1367

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

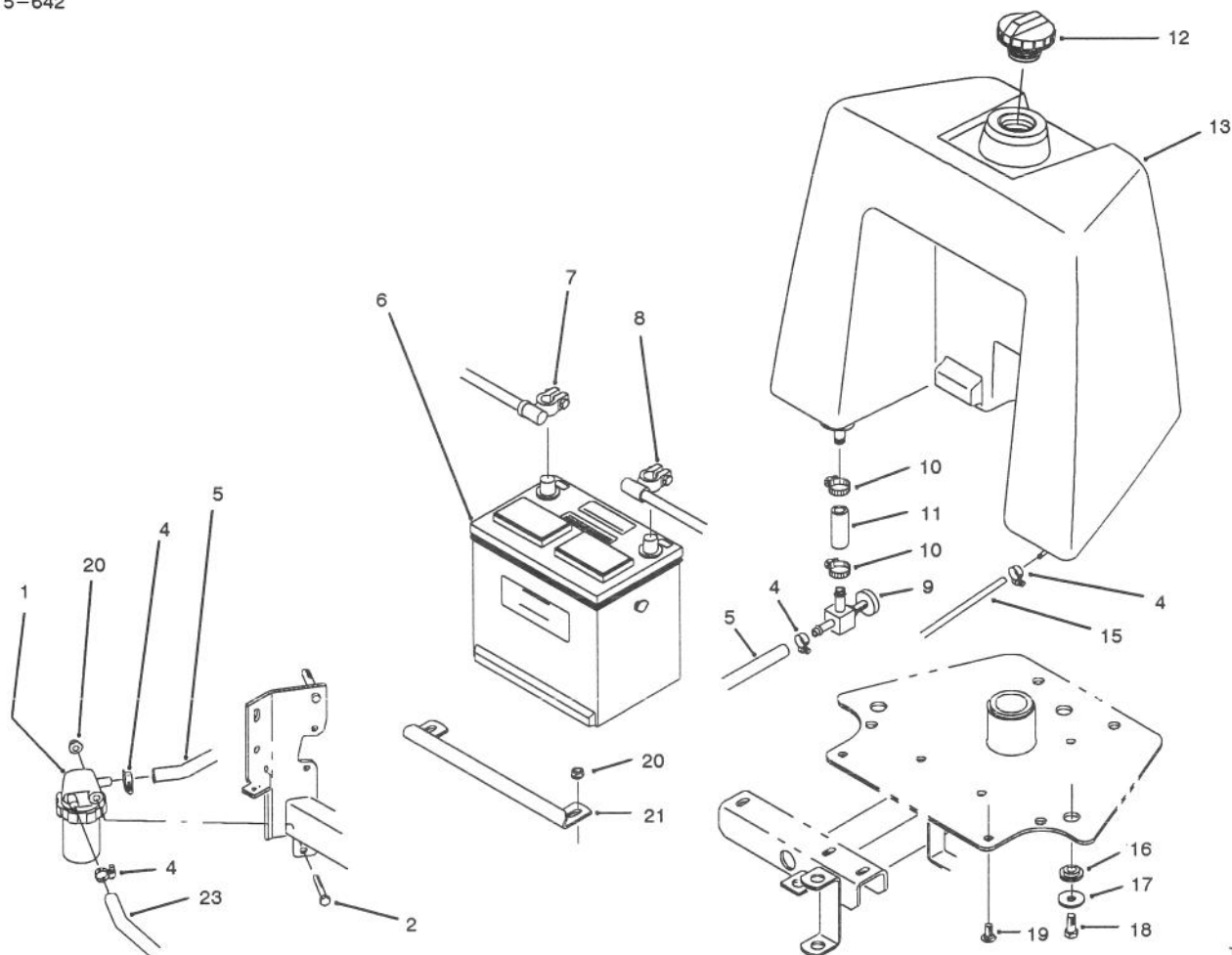
Ref. No.	Part No.	Description	No. Used
9	3218-6	Nut - Jam	1
10	56-9510	Bushing Assembly	2
11	256-173	Bushing - Sleeve	1
12	76-0300	Housing - Bushing	1
13	32121-9	Pin - Roll	1
14	302-5	Fitting - Grease	1
15	76-0390	Spacer	1
16	56-9520	Bushing - Nyliner	1



T-1368

REAR WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	325-6	Screw - Cap Hex. Hd.	1	11	241-129	Rim	1
2	75-7730	Spacer	1	12	232-47	Valve - Stem	1
3	302-5	Fitting - Grease	2	13	231-122	Tire	1
5	20-0140	Rod End Assembly (Incl. Ref. #15)	1	14	3272-6	Pin - Cotter	1
6	83-7340	Fork - Caster	1	15	32136-4	Nut - Castle	1
7	61-1960	Axle - Wheel	1	16	3256-28	Washer - Flat	1
8	68-4210	Spacer - Wheel	2	17	3296-51	Nut - Lock	1
9	251-321	Bearing - Wheel	2	18	61-2070	Rod - Steering	1
10	241-130	Spacer - Bearing	1	19	3220-12	Nut - Jam	1
				20	3255-2	Washer - Lock	1



T-1370

FUEL SYSTEM ASSEMBLY

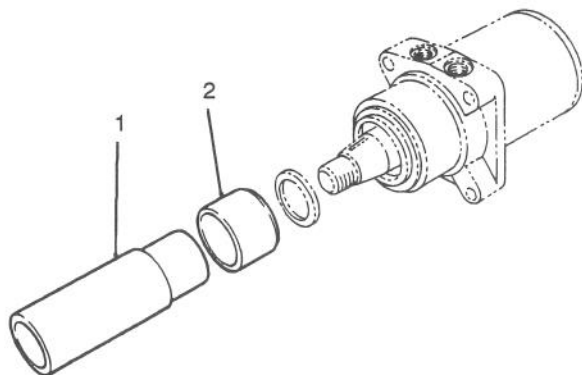
Ref. No.	Part No.	Description	No. Used
†1	130366040	Filter - Fuel	1
2	321-12	Screw - Cap Hex. Hd.	1
4	2412-108	Clamp - Hose	4
5	63-7620	Hose - Fuel	1
6	83-9000	Battery	1
7	83-9220	Cable - Battery Pos.	1
8	83-9210	Cable - Battery Neg.	1
9	56-2520	Valve - Fuel Shut-Off	1
10	2412-36	Clamp - Hose	2
11	56-2230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

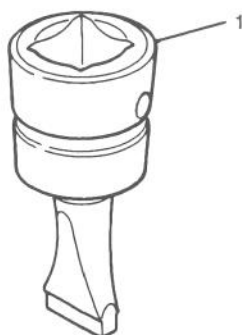
MOTOR SEAL INSTALLATION TOOL NO. *TOR192660



T-0728

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

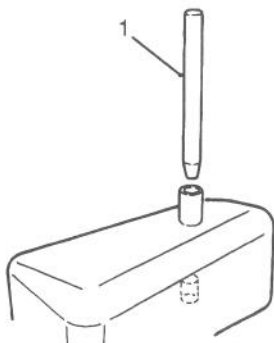
BEDKNIFE SCREW TOOL NO. *TOR510880



T-0729

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

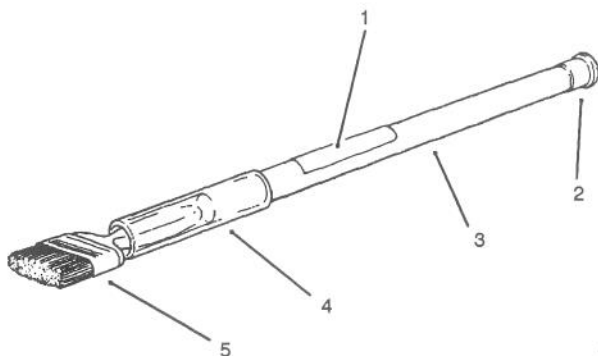
HYDRAULIC OIL RESERVOIR PLUG NO. *TOR634310



T-1213

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

BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



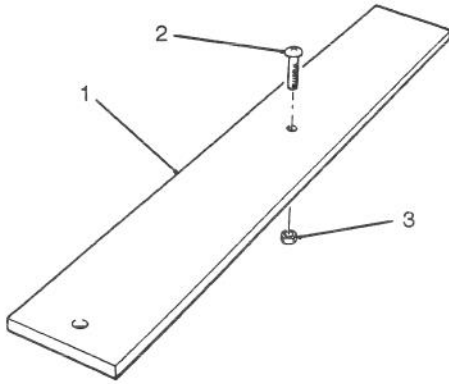
T-0731

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

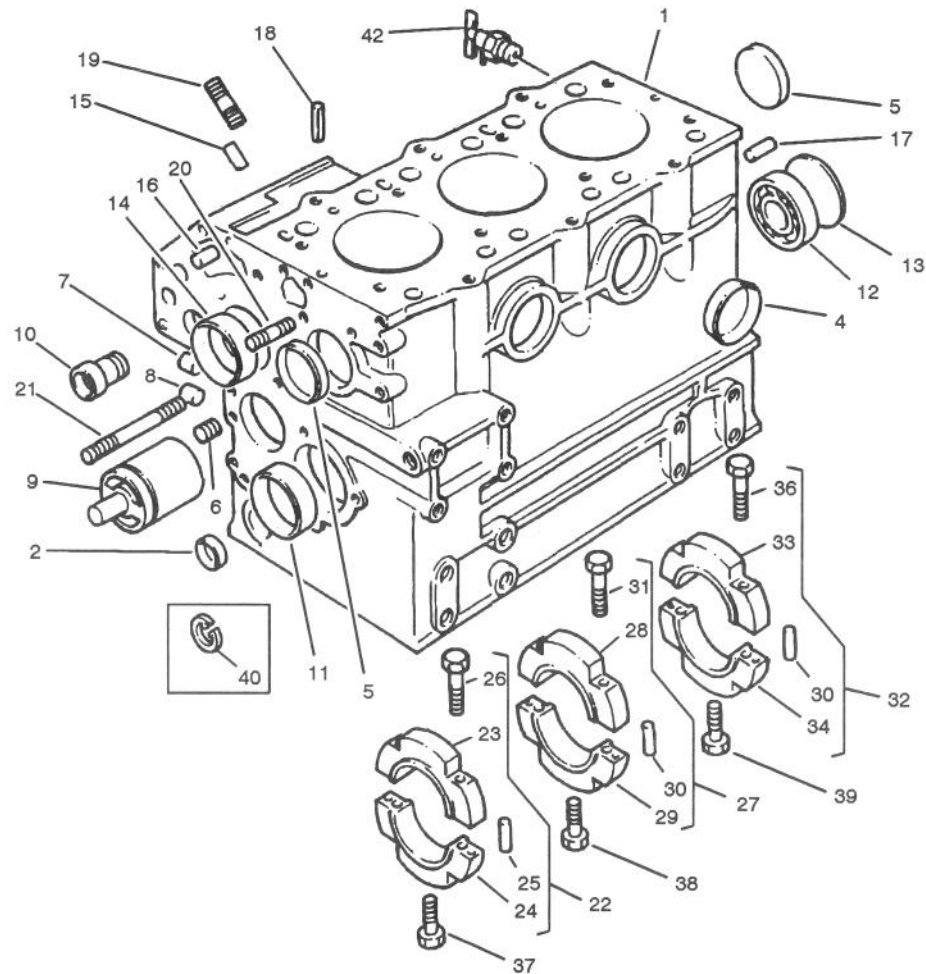
GAUGE BAR ASSEMBLY NO. *TOR138199



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.



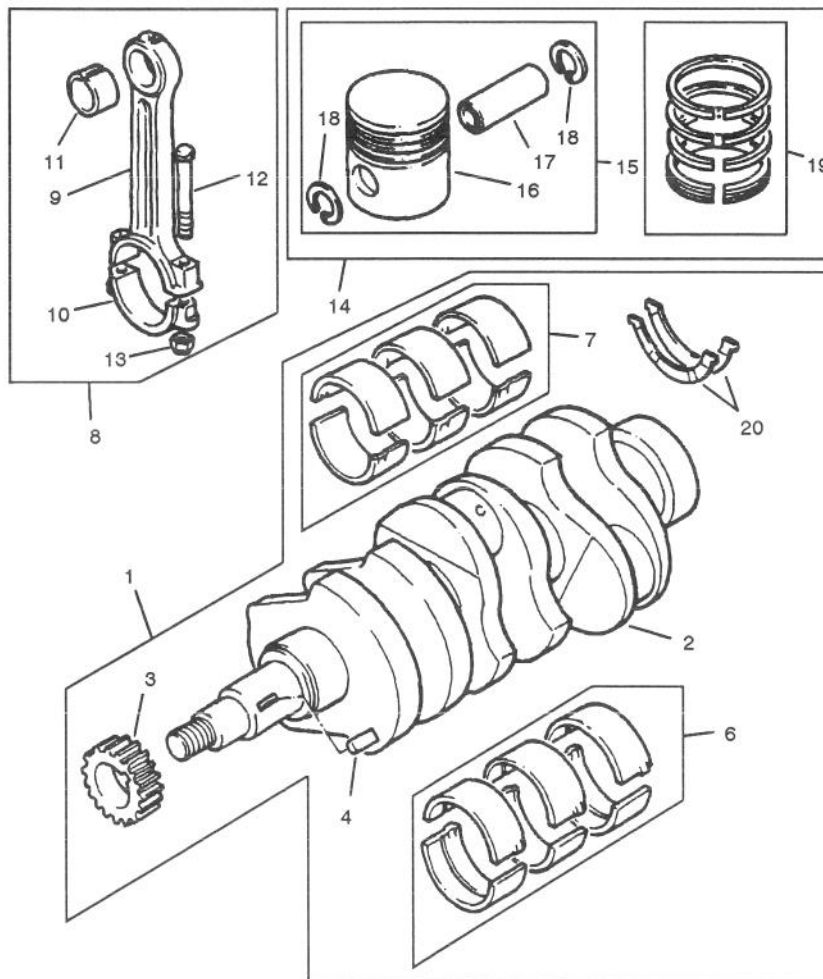
T-1377

CYLINDER BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	110186030	Kit - Cylinder Block	1	23		Cap	1
2	064200015	Plug	1	24		Cap	1
4	064200040	Plug	2	25	030500612	Dowel	2
5	064200040	Plug	2	26	010810840	Screw	2
6	198466050	Plug	3	27	110156230	Holder	
7	198466010	Plug	4			Incl. Ref. #28 & 29)	1
8	198466070	Plug	2	28		Cap	1
9	165296160	Shaft	1	29		Cap	1
10	198517090	Bush	1	30	030500612	Dowel	2
11	198517300	Bush	1	31	010810840	Screw	2
*	198517304	Bush -.25mm	1	32	110156240	Holder	
*	198517307	Bush -.50mm	1			Incl. Ref. #33 & 34)	1
12	040106203	Bearing - Ball	1	33		Cap	1
13	064100045	Plug	1	34		Cap	1
14	042303015	Bush	1	36	010810840	Screw	2
15	030500512	Dowel	2	37	011310850	Screw	1
16	030500512	Dowel	2	38	011310850	Screw	1
17	030500820	Dowel	2	39	010700845	Screw	2
18	030309005	Pin	2	40	036509005	Circlip	1
19	012100620	Stud	2	41	064200018	Plug	2
20	012100635	Stud	1	42	198736052	Cock	1
21	012100660	Stud	1	*	110006330	Short Block Assembly	1
22	110156220	Holder		*	195906610	Kit - Gasket	1
		Incl. Ref. #23 & 24)	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



T-1378

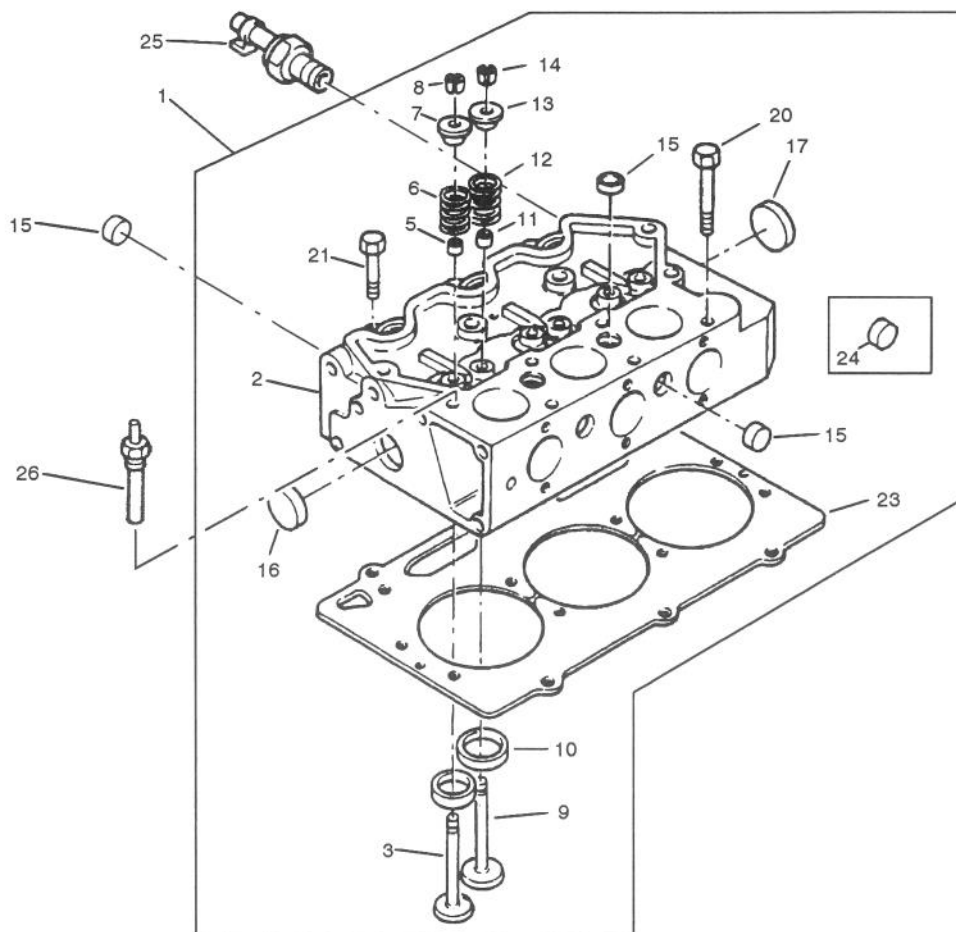
CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	115236020	Kit – Crankshaft Incl. 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



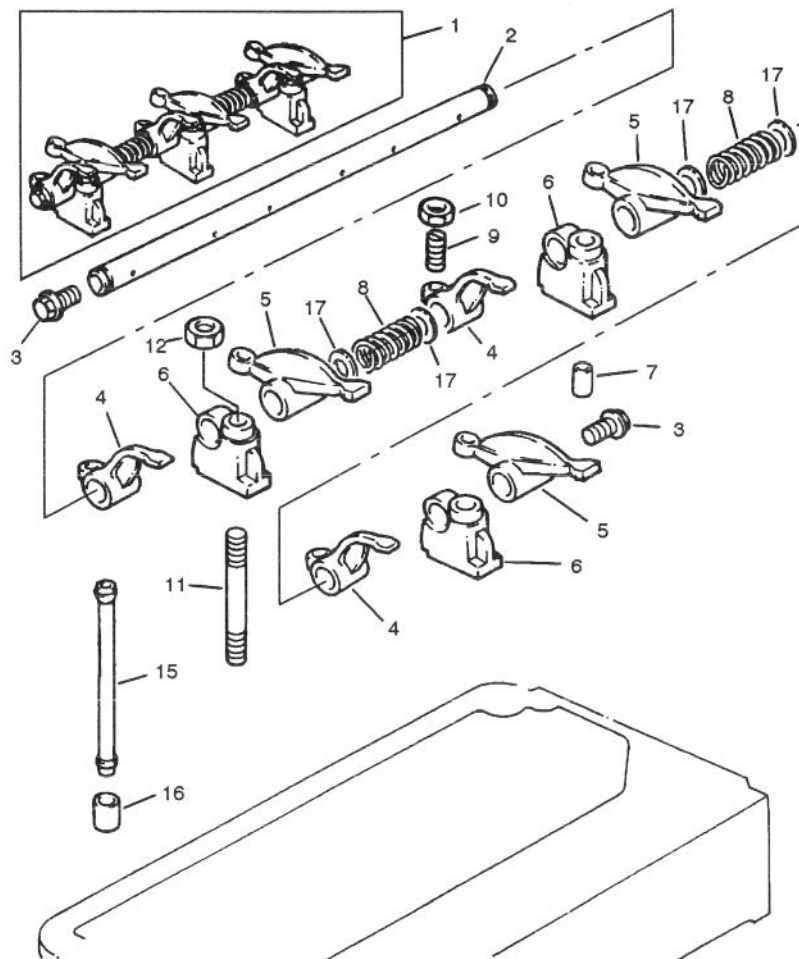
T-1379

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	111016911	Kit - Cylinder Head	1	14	120226080	Cotter	6
2	111086030	Kit - Cylinder Head	1	15	198466070	Plug	4
3	120166280	Valve Inlet	3	16	064200022	Plug	3
5	120406080	Seal	3	17	064200022	Plug	3
6	198217070	Spring	3	20	111136340	Screw	11
7	120186100	Cap	3	21	111136350	Screw	3
8	120226080	Cotter	6	23	111147100	Gasket +1.2mm	1
9	120176290	Valve Exhaust	3	*	111147110	Gasket +1.3mm	1
10	110136290	Insert	3	24	064200018	Plug	2
11	120406080	Seal	3	25	185246060	Switch - Oil Pressure	1
12	198217070	Spring	3	26	385720101	Sender - Temperature	1
13	120186100	Cap	3				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



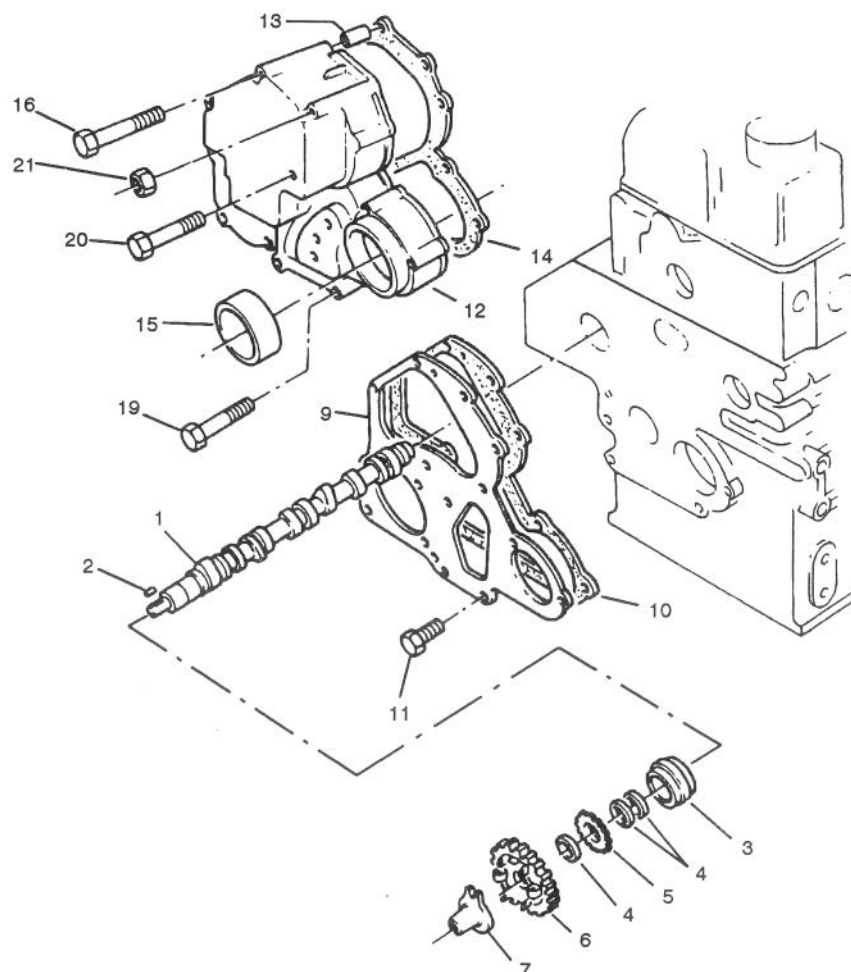
T-1380

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.



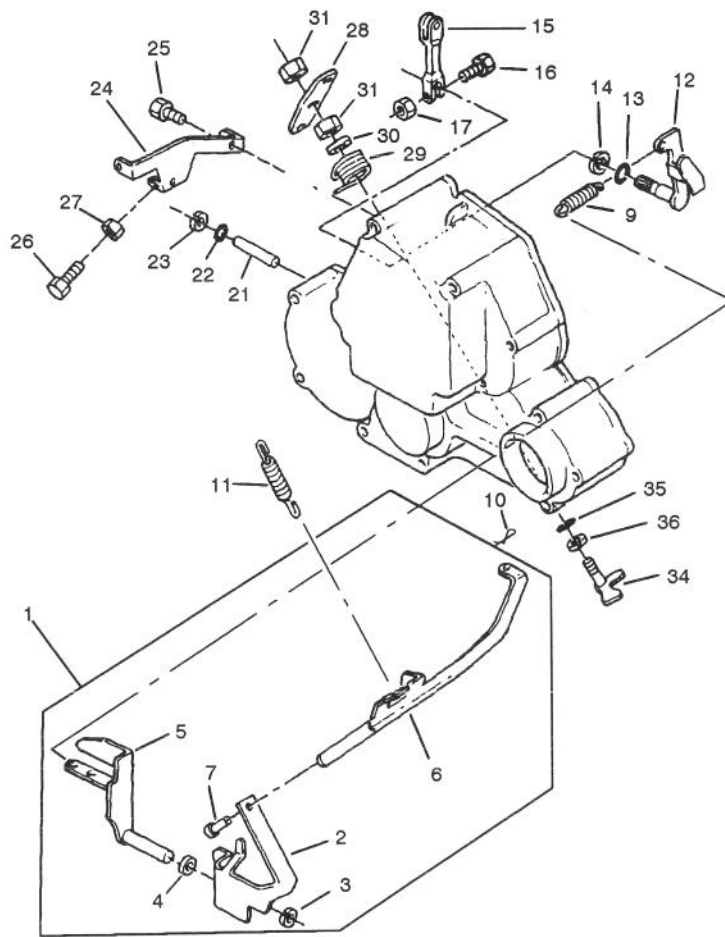
T-1381

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.



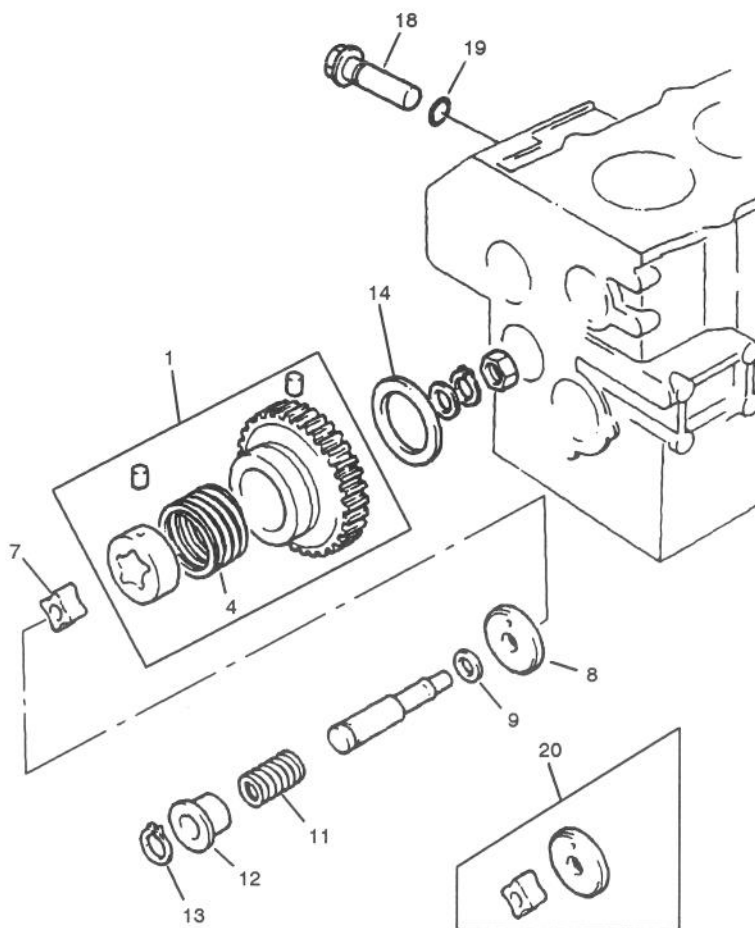
T-1382

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.



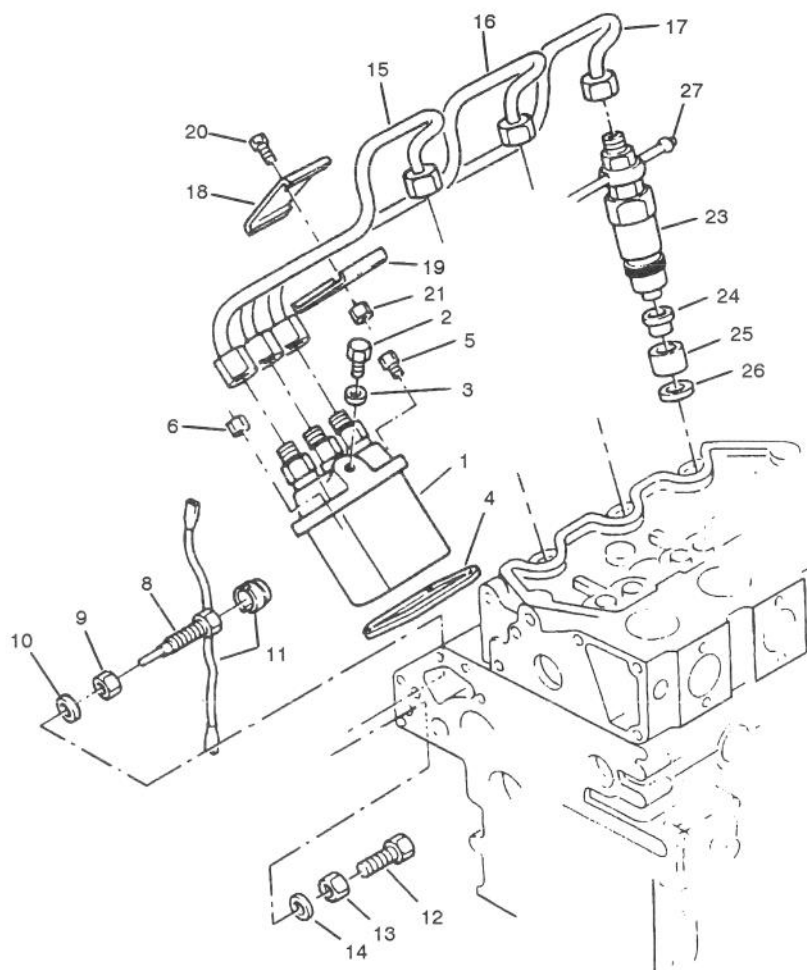
T-1383

OIL PUMP ASSEMBLY

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



T-1384

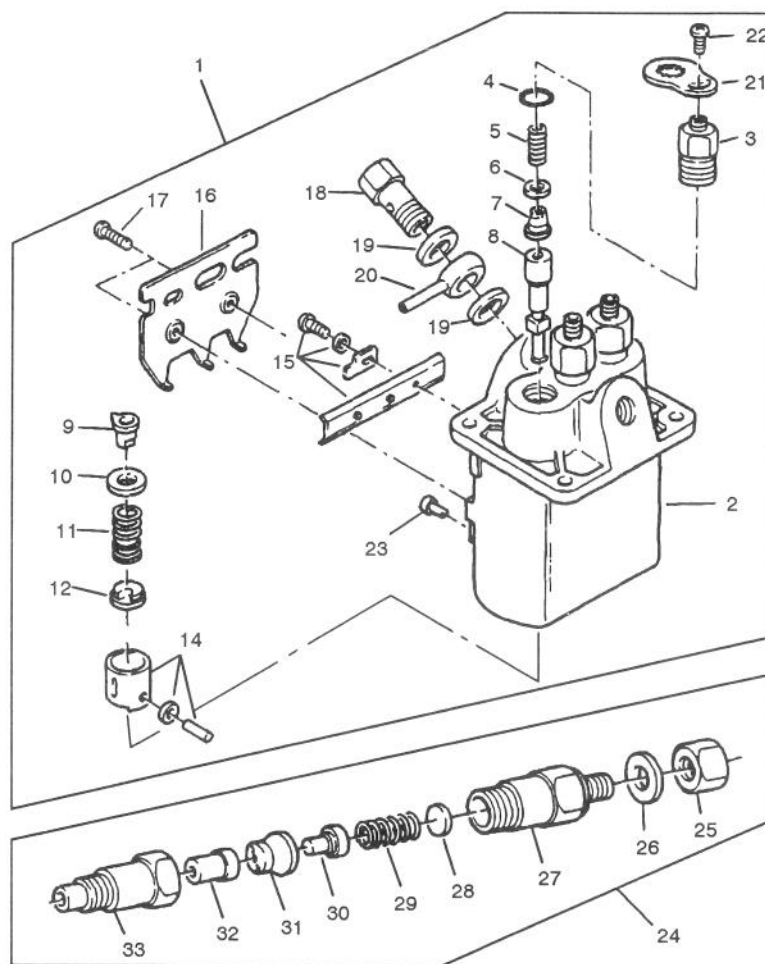
FUEL INJECTION SYSTEM ASSEMBLY

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

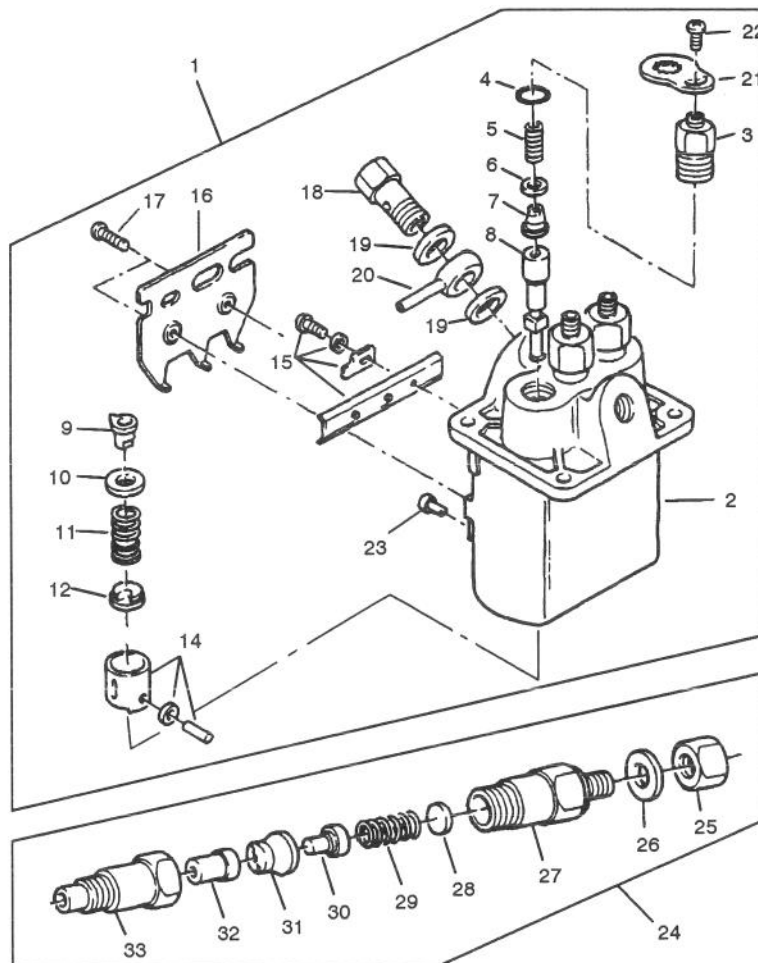
INJECTION PUMP ASSEMBLY

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



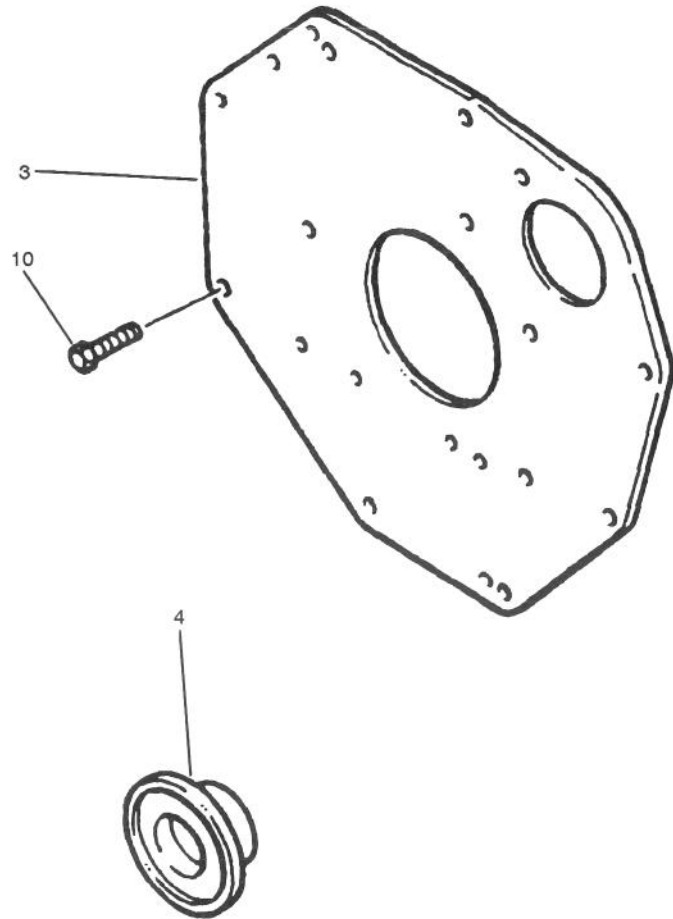
T-1385

INJECTION PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
28	131437263	Shim +1.225mm	1	29	131446066	Spring	1
*	131437264	Shim +1.250mm	1	30	131446070	Pin	1
*	131437265	Shim +1.275mm	1	31	131446068	Spacer	1
*	131437266	Shim +1.30mm	1	32	131416150	Nozzle	1
*	131437267	Shim +1.325mm	1	33	131446067	Nut	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				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



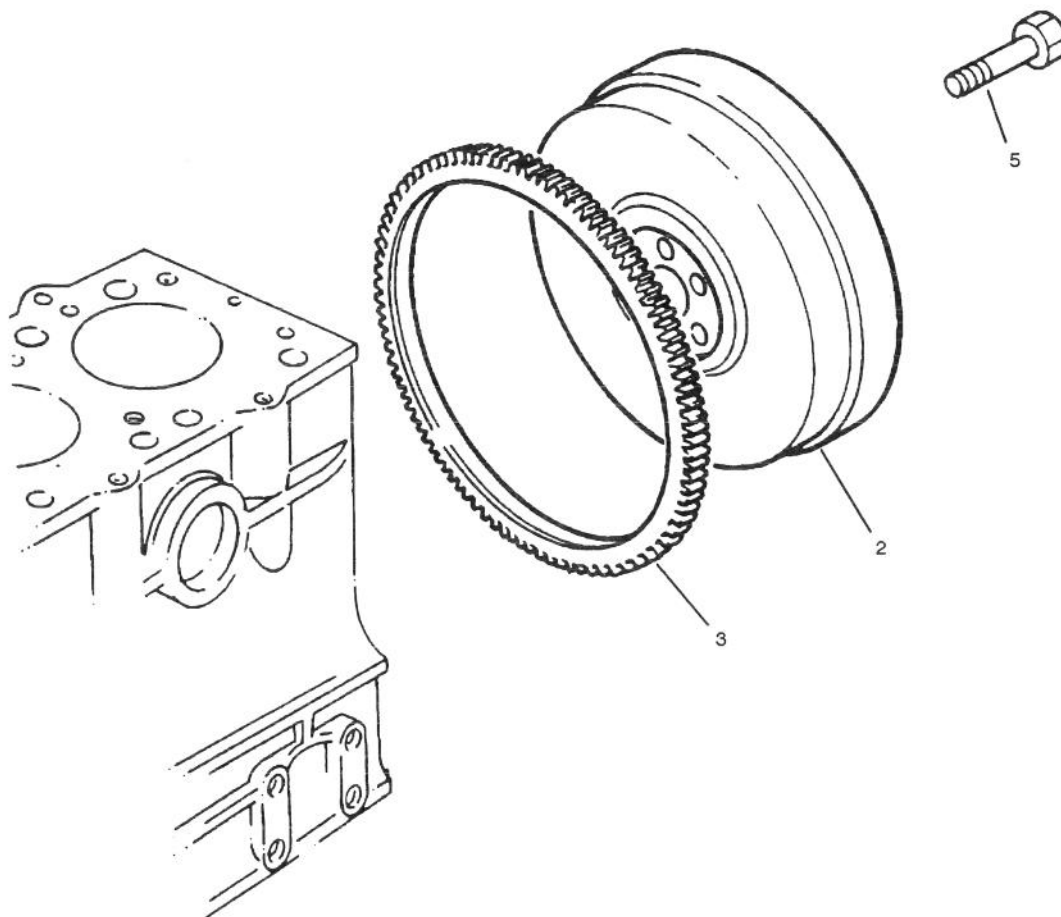
T-1386

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.



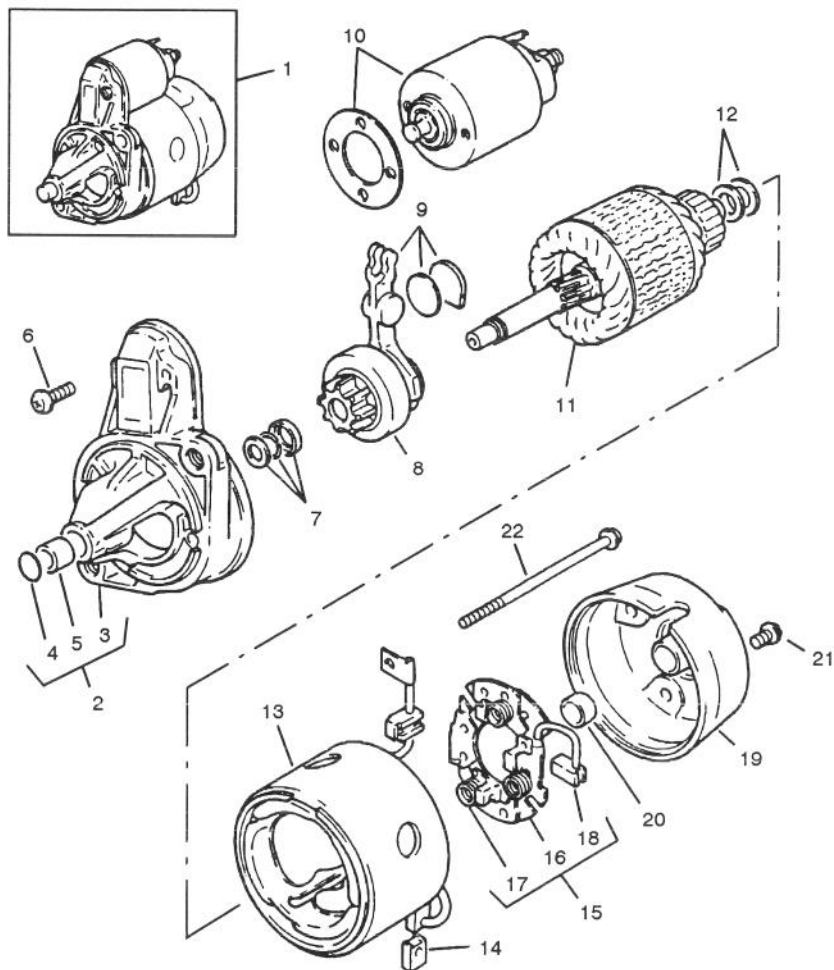
T-1387

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.



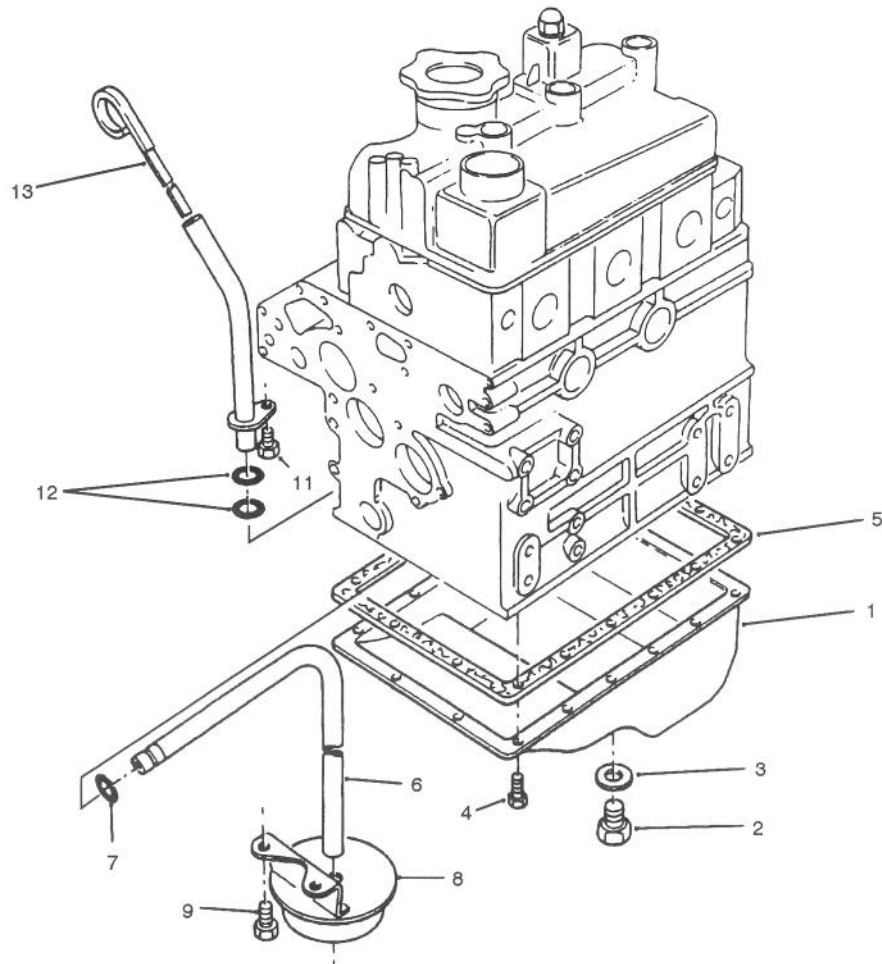
T-1389

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.



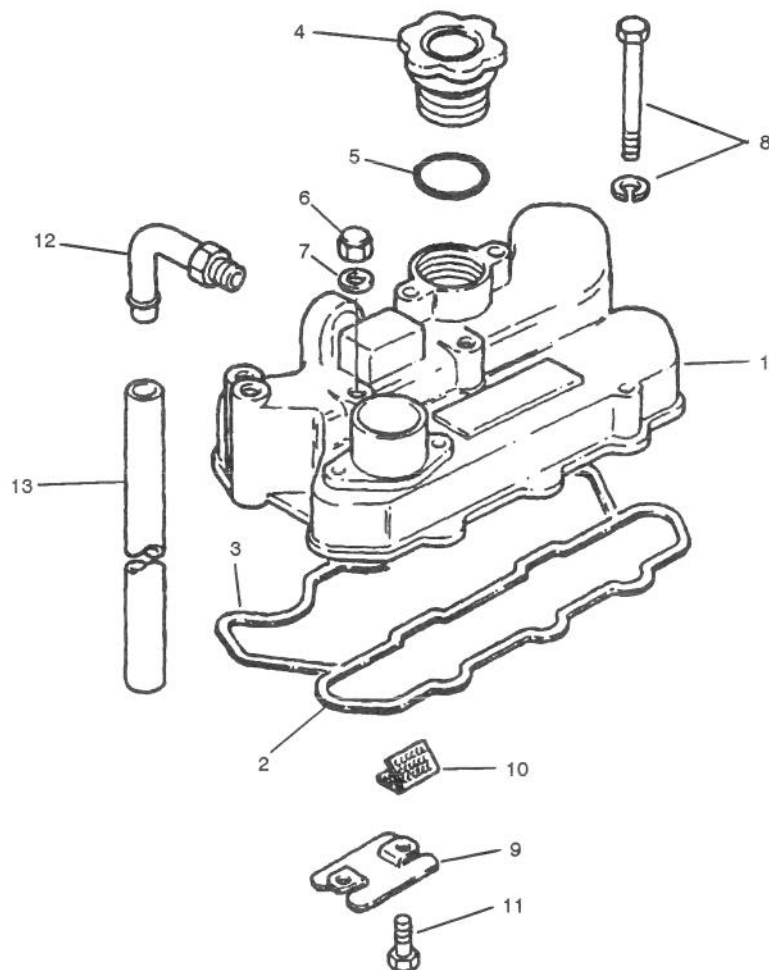
T-1390

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



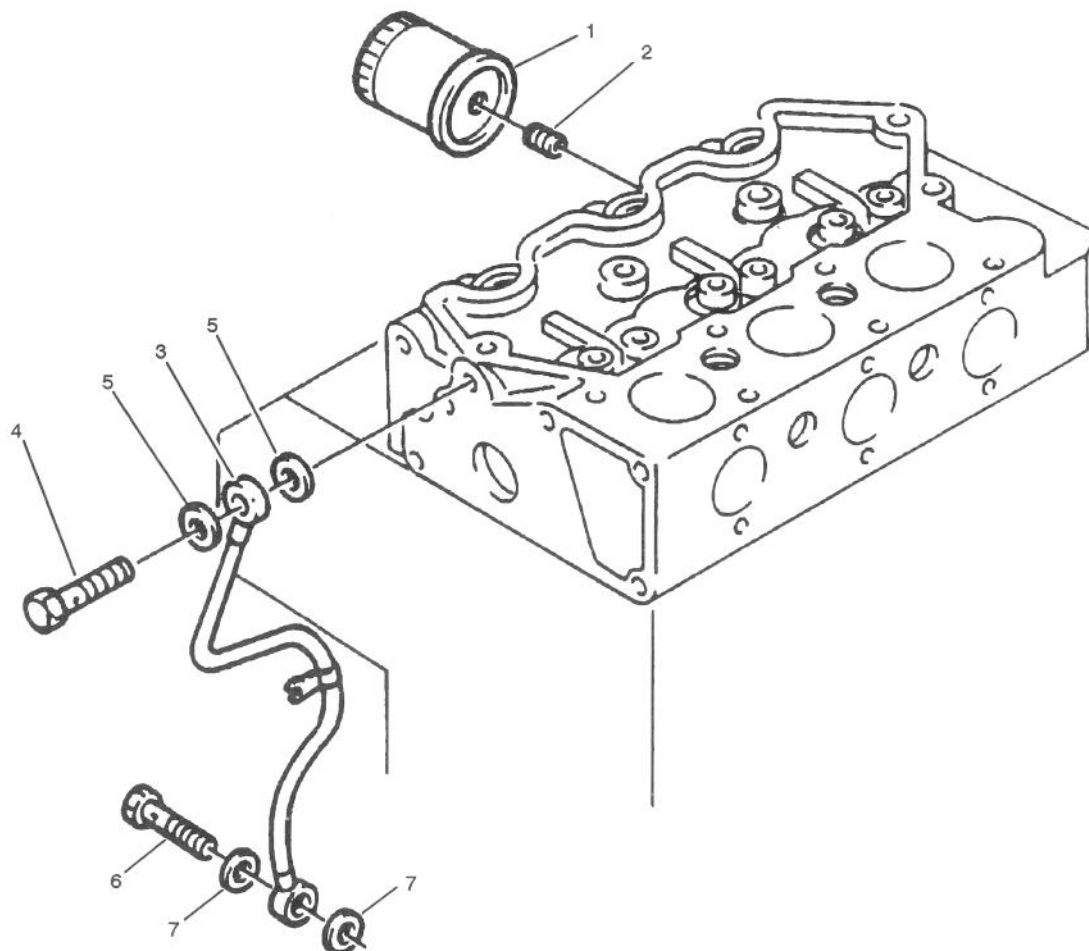
T-1391

VALVE COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	111216630	Cover	1	7	198996060	Washer	3
*	111026371	Cover	1	8	011300650	Screw	2
2	111996330	Gasket	1	9	110666110	Plate	1
3	111996060	Gasket	1	10	110666120	Gauze	1
4	198436010	Cap	1	11	011300612	Bolt	2
5	052100400	Seal	1	12	110986500	Pipe	1
6	024500008	Nut	3	13	068122560	Hose	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



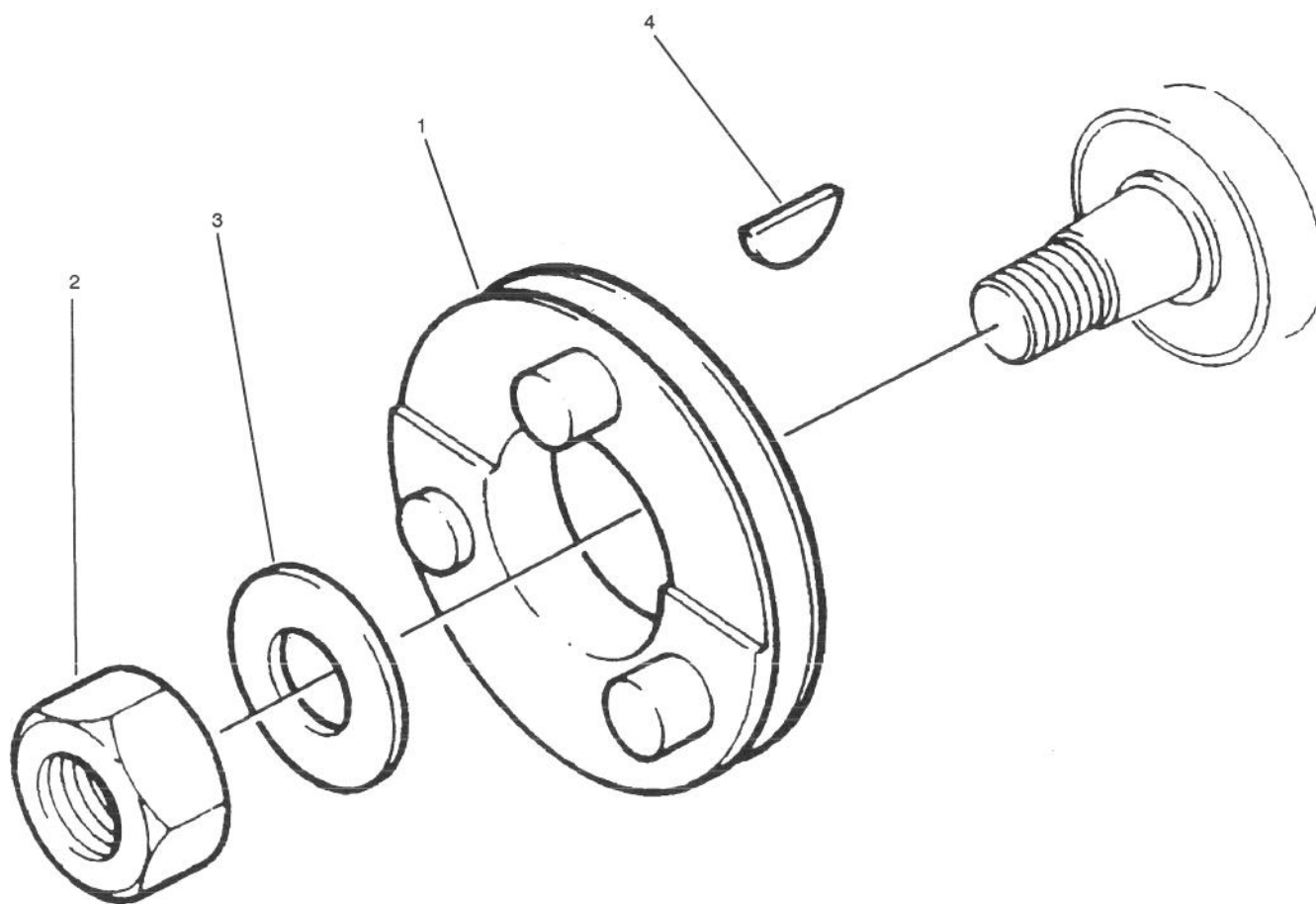
T-1392

OIL FILTER ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



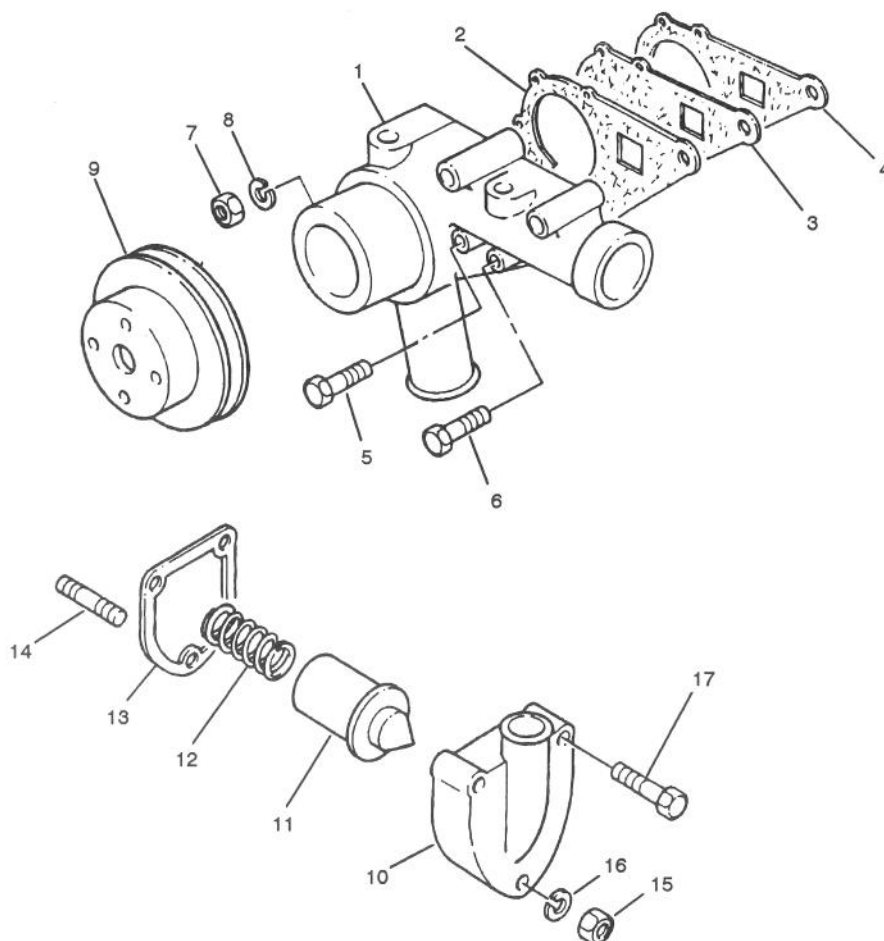
T-1393

FRONT DRIVE PULLEY ASSEMBLY

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



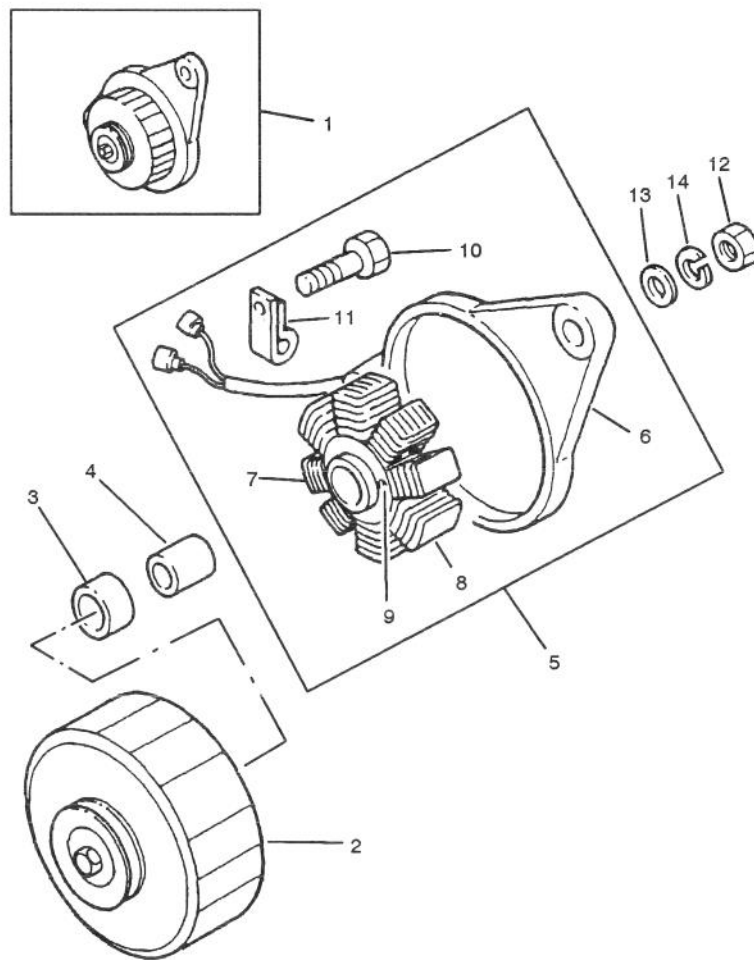
T-1394

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.

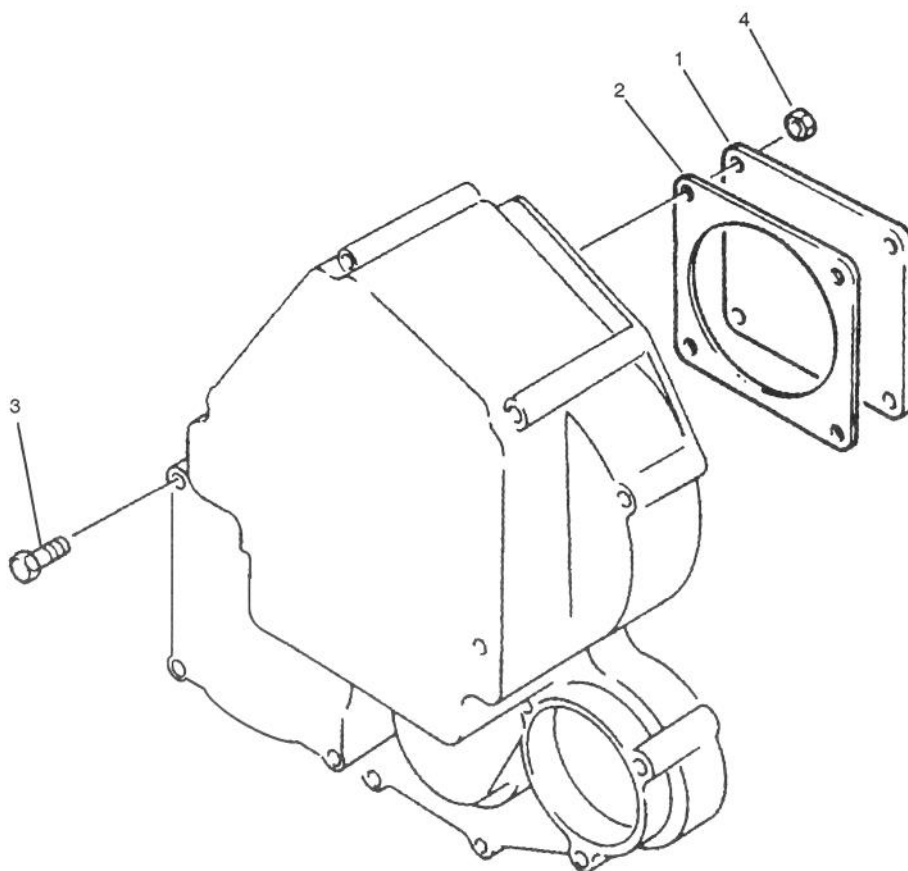


T-1397

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	185046210	Alternator	1	8	185426218	Stator	1
2	185446219	Pulley	1	9	015140425	Screw	2
3	040126201	Bearing	1	10	015140408	Screw	1
4	199236510	Collar	1	11	185446220	Clip	1
5	185446217	Plate	1	12	020210010	Nut	1
6	185716200	Plate	1	13	026100010	Washer	1
7	040126201	Bearing	1	14	027100010	Washer	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



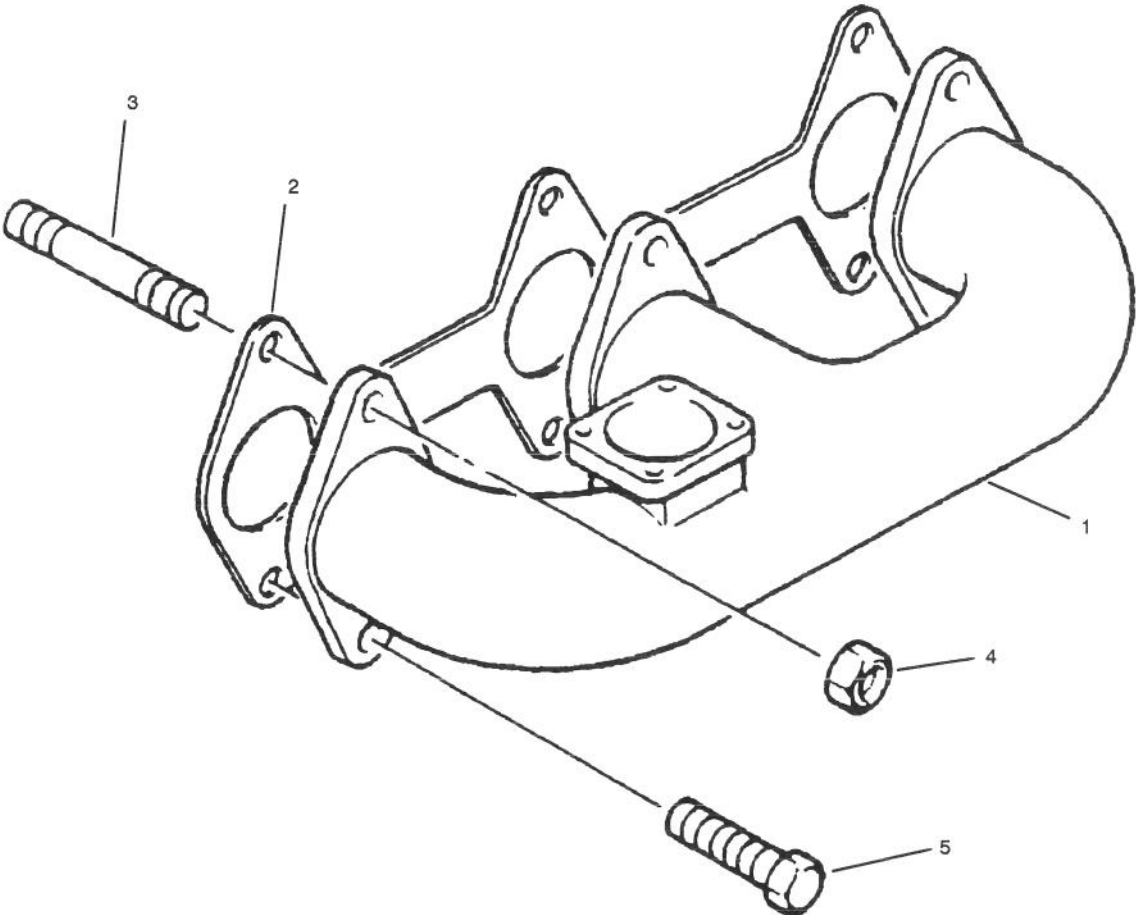
T-1398

TIMING COVER PLATE ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



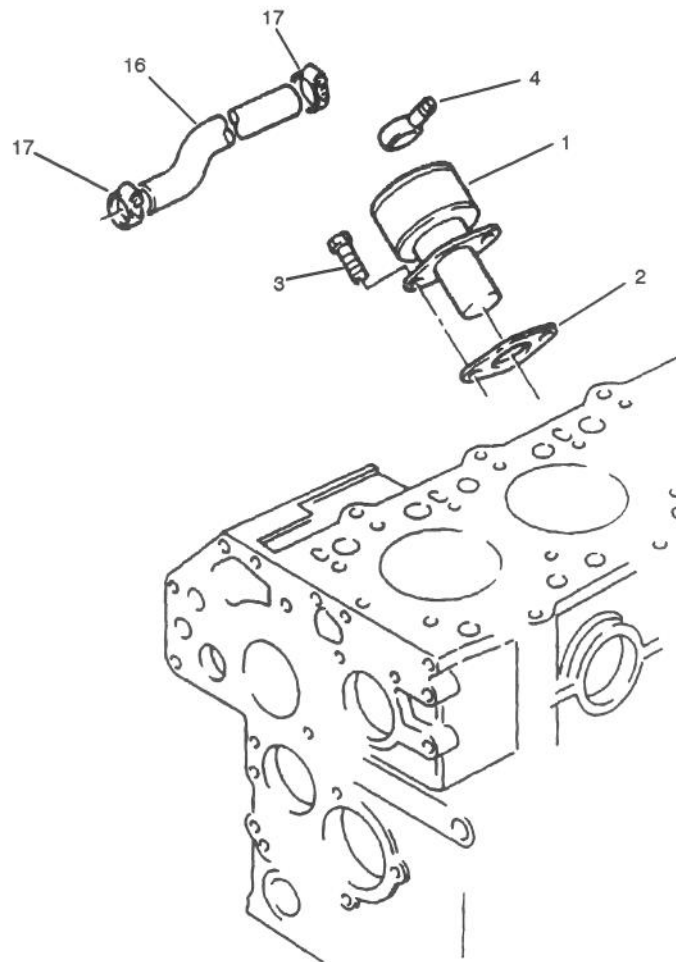
T-1399

EXHAUST MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	135616630	Manifold – Exhaust	1
2	135996520	Gasket	1
3	012110625	Stud	3

Ref. No.	Part No.	Description	No. Used
4	023100006	Nut	3
5	011310625	Screw	3

NOTE: Obtain replacement parts from your local Perkins Dealer.



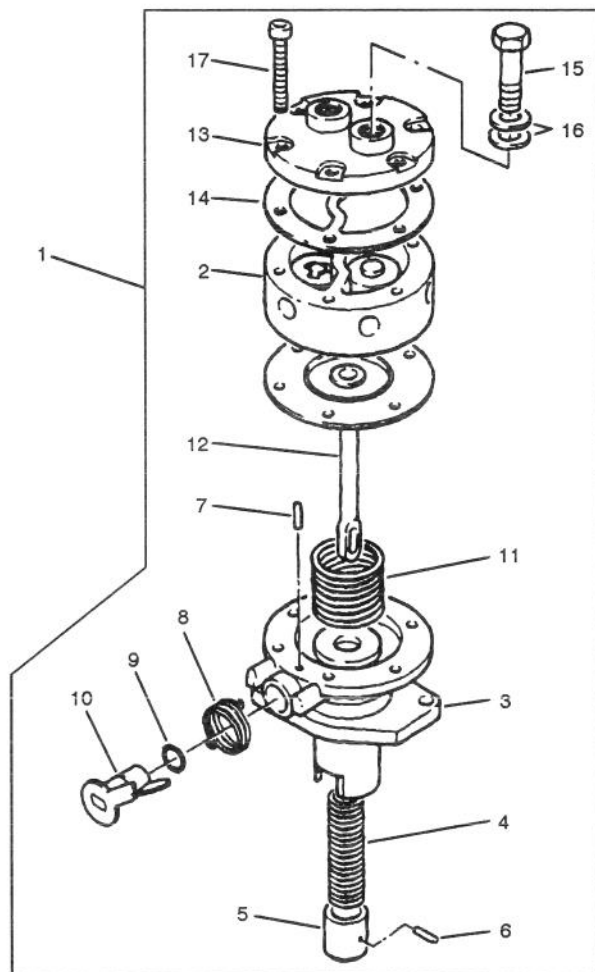
T-1400

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.

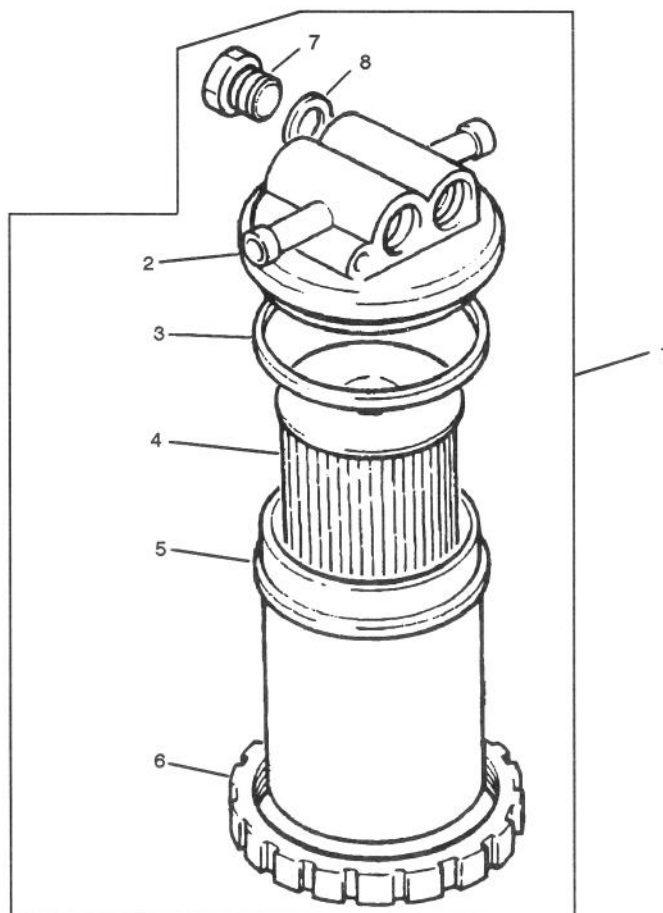


T-1401

LIFT PUMP ASSEMBLY

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

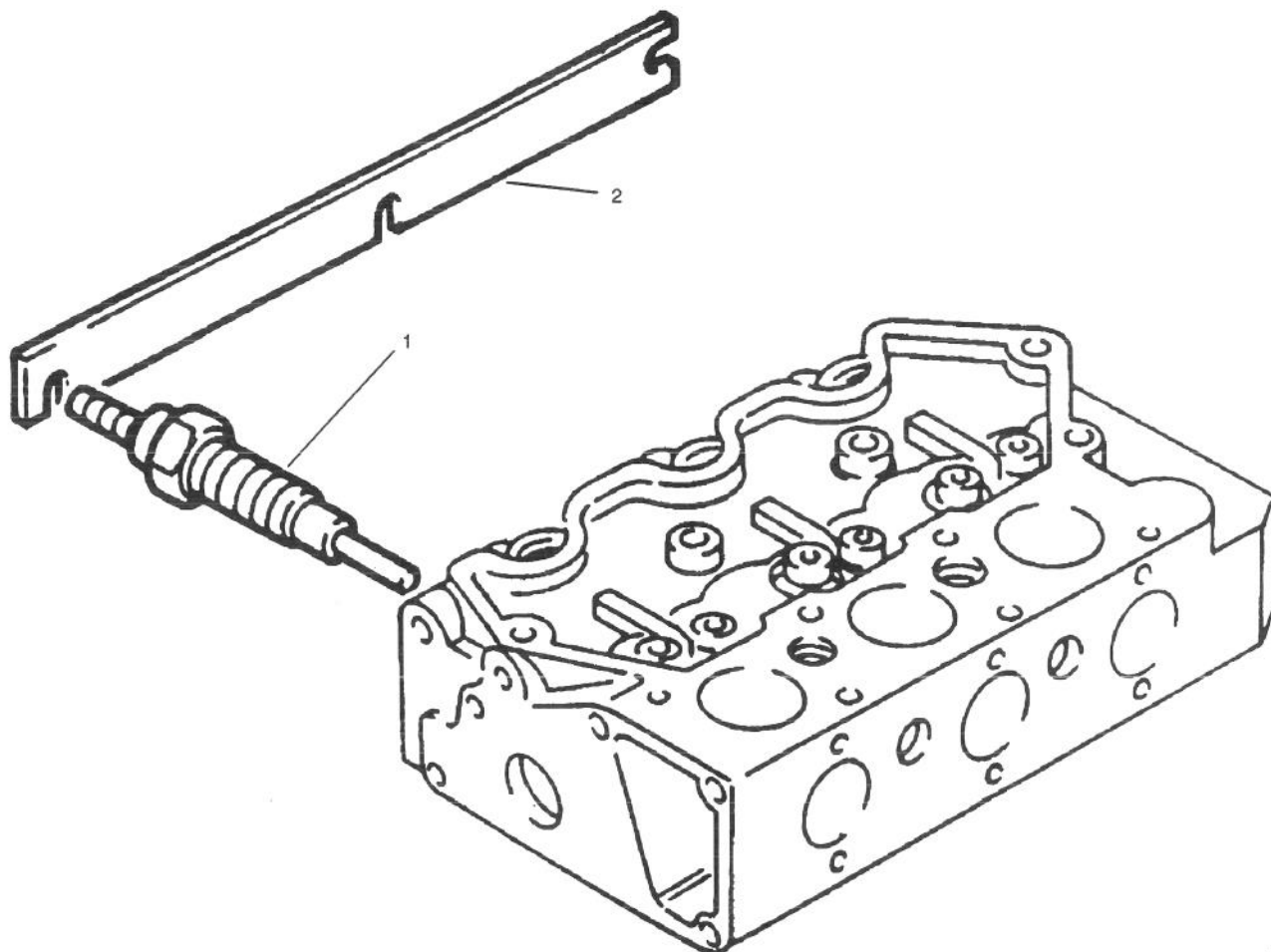


T-1402

FUEL FILTER ASSEMBLY

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



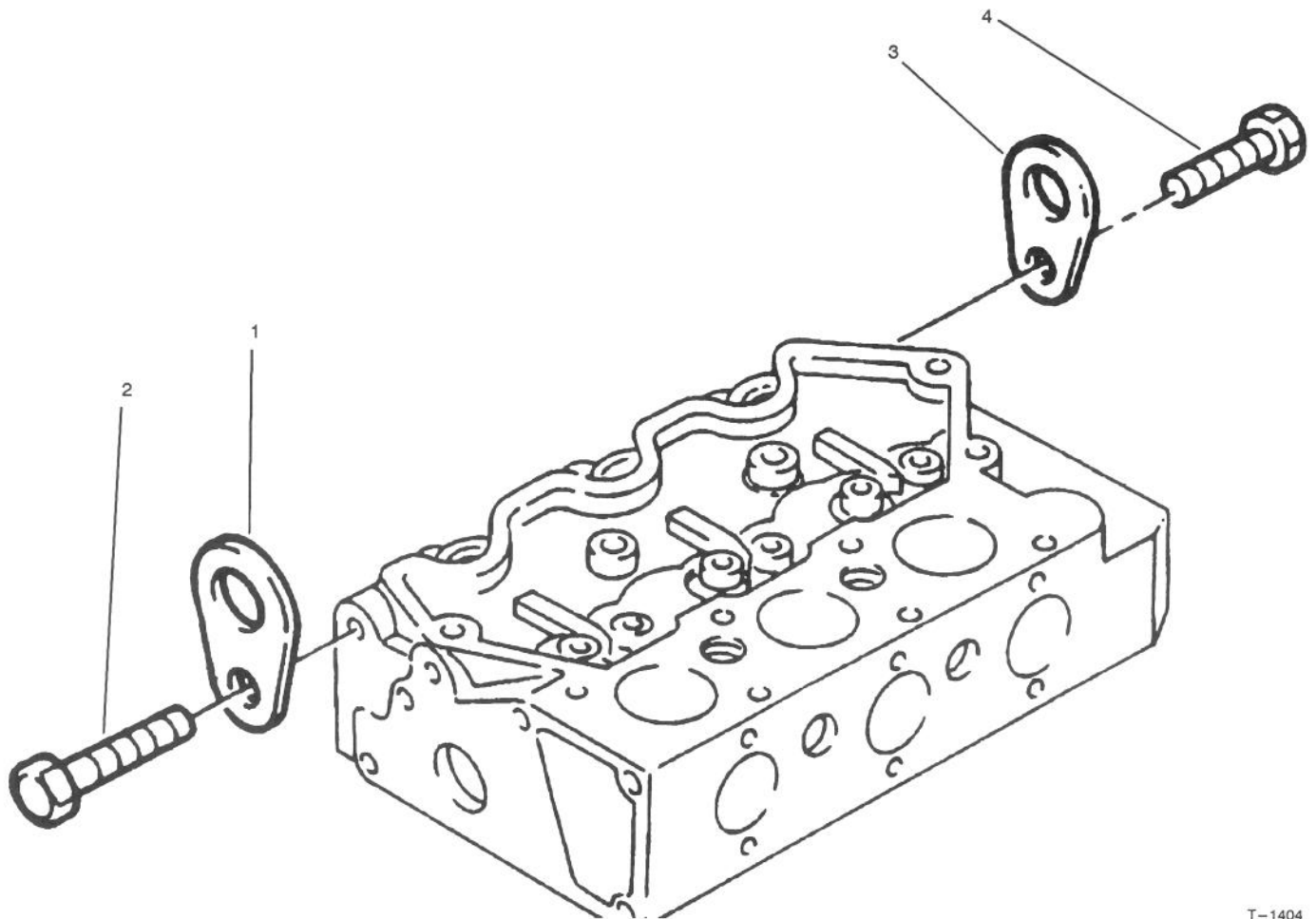
T-1403

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.



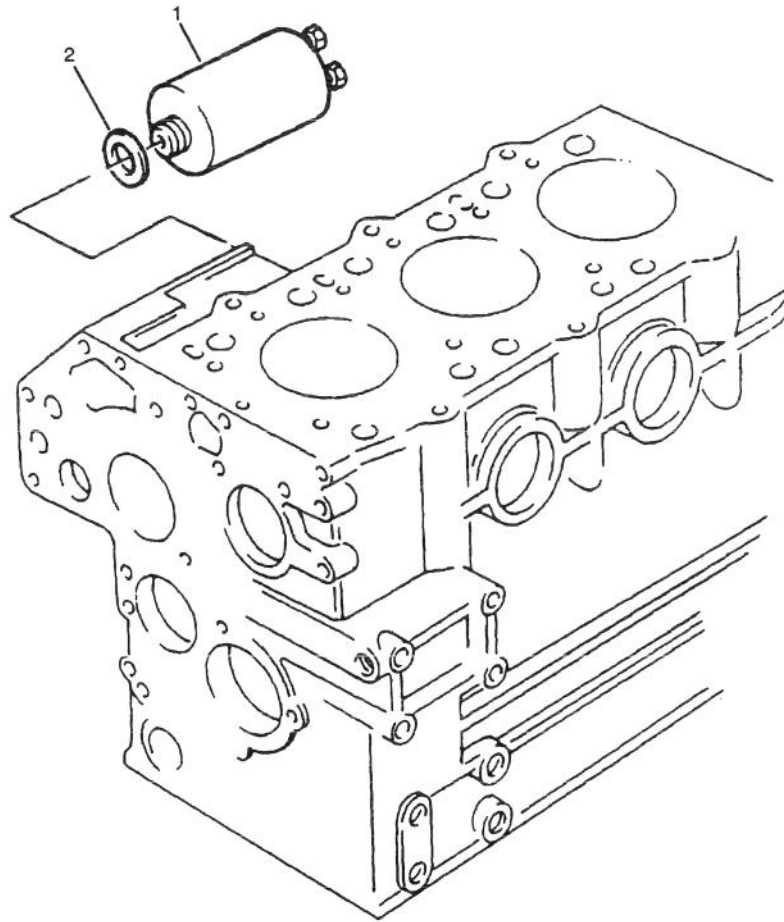
T-1404

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.



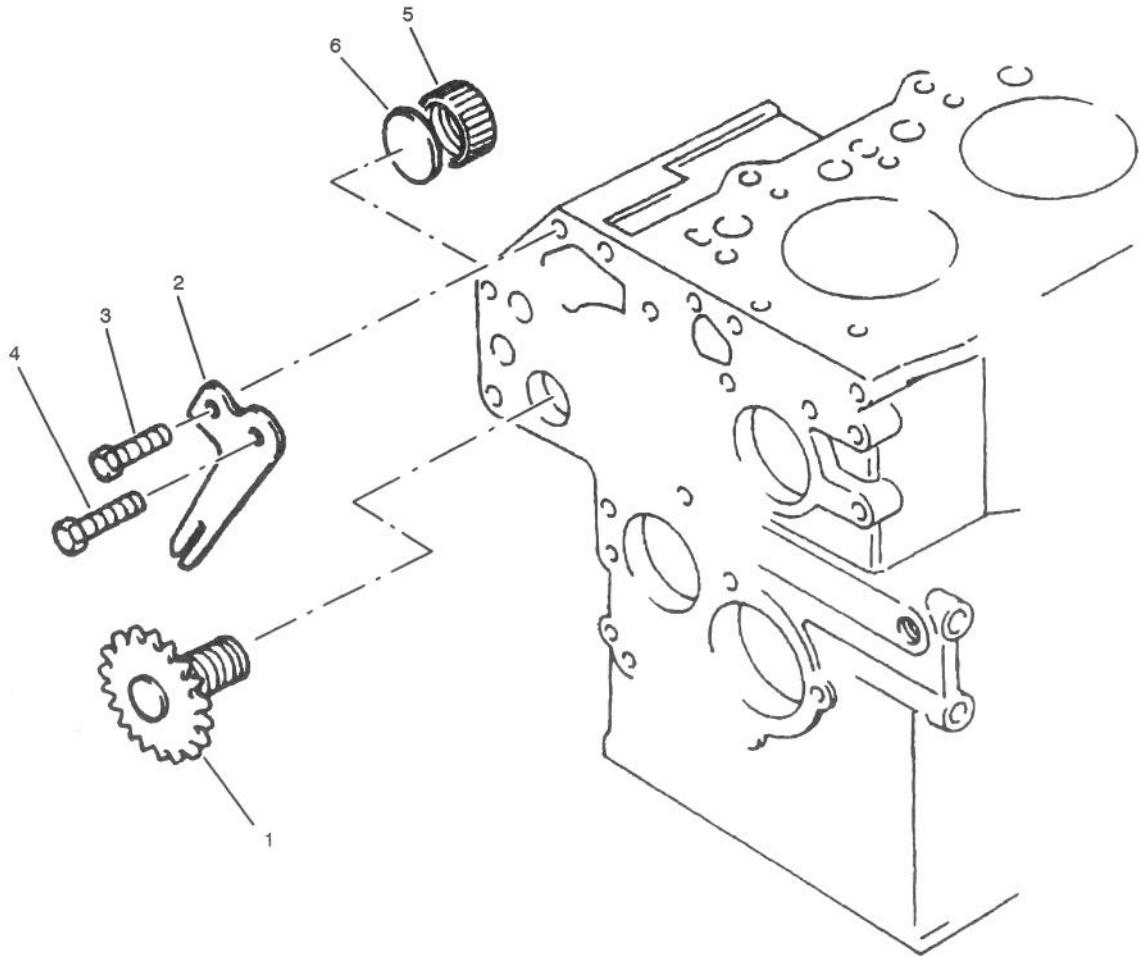
T-1405

THROTTLE STOP ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



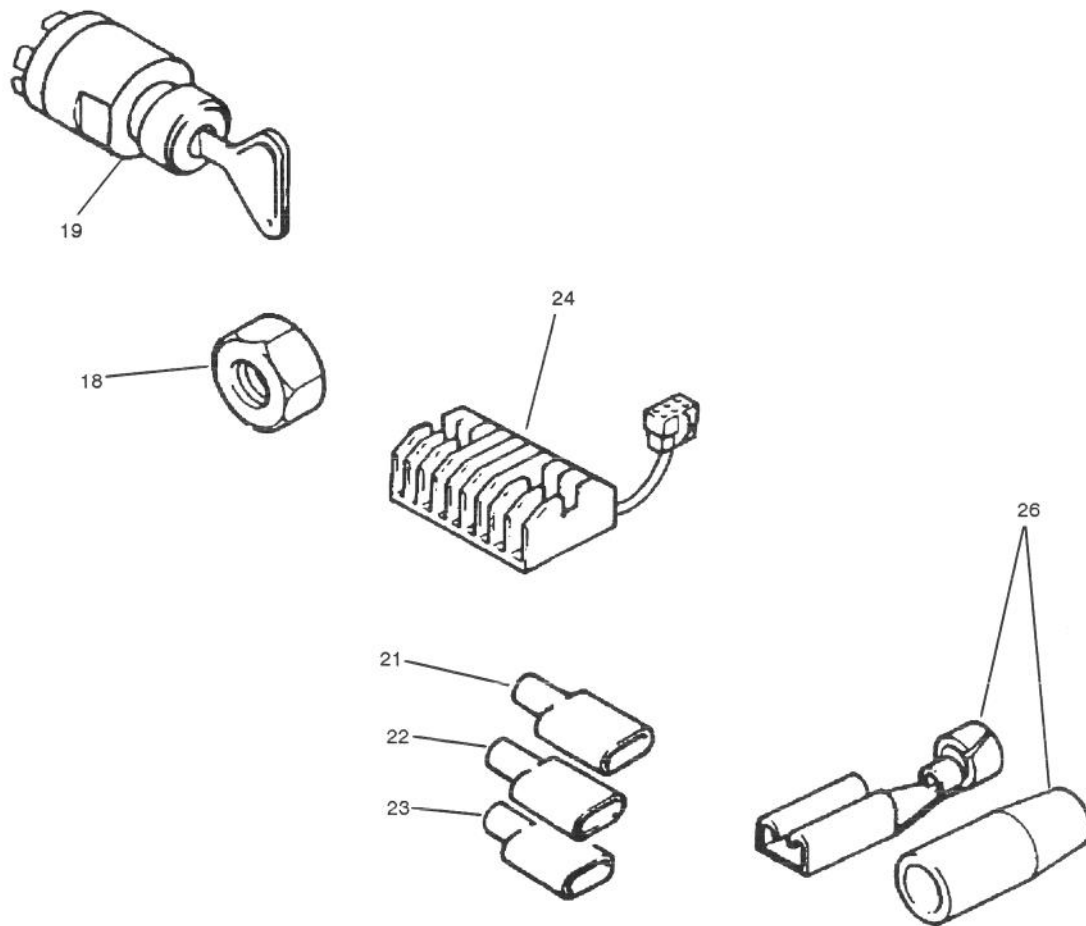
T-1406

RECORDER ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



T-1407

ELECTRICAL COMPONENT 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. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-0348	Bushing - Sleeve	26 7 4	29-6163	Switch	12 28 1
3-0348	Bushing - Sleeve	27 17 2	29-6163	Switch - Lift	24 4 1
3-6498	Washer	14 50 2	29-6170	Spring - Extended Leaf	12 7 1
3-6498	Washer - Thrust	7 7 A/R	29-9080	Handle	31 3 1
5-0743	Spring - Extension	27 1 1	29-9090	Hose - Handle	31 4 1
5-0743	Spring - Extension	26 17 2	33-1300	Element Assembly	4 5 1
5-2653	Cable Pulley Assembly	24 8 1	33-1310	Baffle	4 8 1
5-2655	Keeper - Cable	24 7 1	33-1320	Cup	4 9 1
5-2656	Keeper - Cable	24 30 2	33-1330	Nut Assembly	4 6 1
5-7280	Key - Square	20 1 3	33-1340	Clamp Assembly	4 7 1
5-7290	Spring - Extension	13 6 1	33-1350	Band Assembly	4 3 2
10-6821	Brake Drum Assembly	13 18 2	33-1350	Clamp Assembly	3 60 2
10-6870	Hub - Wheel	13 19 2	36-4310	Brush	31 5 1
10-7070	Key - Square	20 13 1	36-7290	Spindle - Fan	18 49 1
11-9760	Screw - Hex. Flange Hd.	12 25 3	37-9090	Belt - V	18 2 1
12-9140	Decal	31 1 1	37-9590	Spring - Compression	2 22 1
14-5759	Hood	1 11 1	42-9850	Washer	19 61 1
14-8539	Top Shroud Assembly	8 5 1	43-1950	Lift Valve Assembly	22 4 1
18-2970	Clamp - R	27 21 1	43-8600	Spring - Compression	2 28 1
20-0140	Rod End Assembly	29 5 1	43-8610	Guide - Spring	2 27 1
21-0140	Rod End Assembly	7 27 1	43-8620	Guide - Pin	2 30 1
22-8330	Plug	23 1 2	43-8860	Plunger - Switch	2 29 1
22-8340	Spring	23 3 2	43-8870	Boot - Switch	2 32 1
22-8350	Ball	23 4 2	43-9071	Seat Switch Assembly	3 * 1
22-8360	Pin - Cam	23 6 2	44-2212	Light Assembly	5 45 1
22-8370	Seat - Check Valve	23 5 2	46-8810	Stop - Spring	12 1 1
22-8380	Retainer - Spring	23 10 2	48-1800	Cylinder Block Kit	11 5 1
22-8410	Spring	23 11 1	48-7700	Screw - Cap Hex. Hd.	18 14 6
22-8420	Spool	23 8 1	48-7780	Screw - Cap Hex. Hd.	18 29 16
22-8480	Snap Ring - Spool	23 13 1	48-8010	Washer - Flat	18 41 4
22-8490	Snap Ring	23 14 1	48-9460	Screw - Cap Hex. Hd.	18 8 14
22-8500	Seal - O-Ring	23 9 2	48-9590	Washer - Lock	18 28 16
23-2140	Hose - Fuel	30 23 1	49-8480	Shaft - Trunion	11 28 1
23-3030	Spacer	23 12 1	49-8520	Kit - Implement Relief	11 * 1
24-0760	Cooler - Oil	8 20 1	51-3150	Shim - Spring	12 6 1
25-2380	Plate - Thrust	11 39 1	54-0110	Element - Oil Filter	9 15 1
25-2390	Plate - Valve	11 40 1	55-4300	Decal - Warning	26 9 2
25-2400	Gasket	11 43 1	55-4300	Decal - Warning	27 24 1
25-2430	Pin - Straight	11 41 1	56-2230	Hose - Fuel	30 11 1
25-2450	Swash/Plate	11 37 1	56-2520	Valve - Fuel Shut-Off	30 9 1
25-2460	Plug	11 14 2	56-7977	Clamp - Hydraulic Tube	16 7 2
25-2470	Kit - Shim Pack	11 16 2	56-9510	Bushing Assembly	28 10 2
25-2480	Spring - Charge Relief	11 32 1	56-9520	Bushing - Nylon	28 16 1
25-2490	Ball - Check Valve	11 47 2	57-5420	Screw - Shoulder	9 5 1
25-2510	Washer	11 11 2	57-6390	Nut	19 60 1
25-2530	Pin - Straight	11 26 1	59-2150	Taper Lock Bushing Assy.	10 20 1
25-2560	Cone - Relief Valve	11 18 1	61-0140	Pulley - Reel	20 4 3
25-2570	Spring - Relief Valve	11 17 1	61-1960	Axle - Wheel	29 7 1
25-2580	Shaft - Trunion	11 12 1	61-2010	Pinion - Steering	7 15 1
25-2620	Valve - By-Pass	11 4 1	61-2040	Rack - Steering	7 4 1
25-2630	Ring	11 3 1	61-2070	Rod - Steering	7 5 1
25-2640	Spring - Check Valve	11 48 2	61-2070	Rod - Steering	29 18 1
25-2650	Plug - Check Valve	11 50 2	61-2080	Shaft - Steering	7 18 1
25-2680	Gerotor Assembly	11 25 1	61-2090	Steering Column Assembly	7 21 1
25-2690	Housing - Charge Pump	11 21 1	61-2350	Support - Bearing	20 6 2
25-3180	Kit - Check Valve	11 * 1	61-2370	Spacer	12 16 2
25-3210	Seal - Lip	11 10 2	61-2430	Hub - Lift	24 45 1
26-3790	Nut - Lock	13 23 2	61-2610	Arm - Traction	12 14 1
27-9870	Pin - Seat	2 24 1	61-2790	Screen - Filler	9 8 1
28-3420	Cone - Charge Relief	11 33 1	61-2890	Lift Arm Assembly	27 29 1
28-6180	Pin	2 23 1	61-2990	Spacer - Switch	24 3 1
29-6120	Plate - Pump	12 5 1	61-3210	Cable Pulley Assembly	24 22 3
29-6150	Spring - Leaf	12 9 1	61-3230	Spacer	24 24 3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3315-642

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
61-3270	Spring - Compression	26 6 2	71-1500	Brake Assembly	14 * 2
61-3360	Joint - Universal	7 17 1	71-3382	Hose - Overflow	8 11 1
61-3830	Chain - Lift	24 33 2	72-4190	Pin - Cylinder Guide	24 12 1
61-3990	Parking Brake Assembly	13 5 1	72-4320	Switch - Seat	2 25 1
61-7250	Boot	26 5 4	74-0720	Tube - Manual	2 14 1
62-4290	O-Ring	11 44 2	74-6110	Cam - Stop	12 35 1
62-7170	Spacer	2 43 1	74-9100	Pad - Forward	12 11 1
62-7240	Cover - Spring	27 2 1	74-9110	Pad - Reverse	12 13 1
62-7250	Boot	27 18 2	75-0540	Teather - Cap	9 4 1
62-7300	Chain	27 3 1	75-4703	Hose - Fuel	30 15 1
62-7400	Decal - TORO	1 10 1	75-4703	Hose - Fuel	18 25 1
62-9510	Washer - Flat	18 50 1	75-4710	Harness - Warning Light	5 5 1
63-1400	Guide - Cable	24 28 1	75-6820	Hourmeter	5 3 1
63-7430	Temperature Gauge Assy.	5 17 1	75-7730	Spacer	29 2 1
63-7590	Relay	5 34 1	76-0020	Hydraulic Cylinder Assembly	24 37 1
63-7590	Relay	2 39 1	76-0030	Repair Kit	25 * 1.
63-7620	Hose - Fuel	30 5 1	76-0040	Piston	25 8 1
63-7620	Hose - Fuel	18 18 1	76-0050	Ring - Retaining	25 12 1
63-8140	Pulley - Idler	18 3 1	76-0090	Head	25 3 1
63-8410	Washer - Flat	9 10 3	76-0300	Housing - Bushing	28 12 1
63-8410	Washer - Flat	30 17 3	76-0350	Housing - Bushing	28 2 1
65-4500	Seal - Snap Ring	15 14 1	76-0360	Cup - Retainer	28 6 1
65-4550	Valve - Check Ball	15 6 2	76-0370	Bolt - Shoulder	27 12 2
65-4560	Plug - Hex (Hollow)	15 3 1	76-0370	Bolt - Shoulder	26 23 2
65-4570	Seal - Square Ring	15 4 2	76-0390	Spacer	28 15 1
65-4580	Screw - Cap Hex Hd.	15 1 8	76-0410	Spring - Compression	28 7 1
65-4590	Ring - Snap	15 21 1	76-1420	Wheel - Steering	7 23 1
65-4600	Washer - Thrust	15 19 2	76-2200	Footrest - Traction	1 5 1
65-4610	Bearing - Thrust	15 20 1	76-2260	Pad - Footrest Traction	1 6 1
65-4620	Seal - O-Ring	15 12 1	76-2320	Shaft	25 4 1
65-4640	Key - Square	15 11 1	76-2330	Nut - Lock	25 5 1
65-4660	Shaft	15 10 1	76-2350	Seal/Retainer Assembly	15 * 1
65-4670	Body & Bearing Assembly	15 9 1	76-2360	Body Seal Kit	15 * 1
65-4680	Cover & Bearing Assembly	15 2 1	76-2430	Scraper - Pulley	26 2 2
65-8270	Waher	19 57 1	76-2460	Bearing Assembly	20 7 2
65-8320	Bar - Height-Of-Cut	32 1 1	76-6471	Trim - Control Panel Bottom	2 41 1
66-2920	Spacer	12 36 1	77-3100	Decal - Warning	8 4 1
66-2960	Cluster - Warning	5 7 1	80-6980	Latch - Hood	5 12 1
66-3240	Cap - Radiator	8 9 1	80-6990	Washer	24 18 4
66-5291	Hydraulic Motor Assembly	13 30 2	80-7345	Hose	5 29
66-6110	IGR Assembly	15 5 1	81-1690	Clamp - Throttle Cable	18 21 1
67-5360	Decal - Danger	3 57 1	82-3110	Sensor - Temp	18 16 1
67-8020	Shaft - Pump	11 6 1	83-7340	Fork - Caster	29 6 1
67-8030	Plug Assembly	11 19 1	83-7540	Engine Assembly	18 54 1
67-8040	O-Ring	11 20 1	83-7550	Radiator Assembly	8 35 1
67-8050	Bearing - Needle	11 22 1	83-7590	Pulley - Engine	18 55 1
67-8060	Seal - Lip	11 23 1	83-7610	Hub - Fan	18 44 1
67-8080	Bearing - Needle	11 42 1	83-7620	Spacer - Fan	18 42 1
67-8090	Cap - Pump End	11 45 1	83-7630	Pulley - Fan	18 43 1
68-4210	Spacer - Wheel	29 8 2	83-7690	Bracket - Idler	18 5 1
68-8990	Head - Oil Filter	9 19 1	83-7700	Bracket - Alternator	18 34 1
69-1170	Glass - Sight	9 2 1	83-7720	Reservoir - Hydraulic	9 1 1
69-4780	Clamp - Light Cluster	5 43 1	83-7780	Bracket - Support	9 24 1
70-8150	Plate - Valve	15 7 1	83-7790	Collar	20 11 2
70-8621	Cap - Fuel Tank	30 12 1	83-7800	Sleeve	20 40 1
70-8640	Cap - Hydraulic Reservoir	9 7 1	83-7810	Spacer	20 35 2
70-9840	Shoe - Brake	13 16 4	83-7820	Shaft - Drive	20 2 1
70-9850	Clip - Retaining	13 35 2	83-7830	Retainer - Clutch	20 15 1
70-9860	Pin - Pivot Brake	13 25 2	83-7900	Belt Tensioner Assembly	27 11 2
70-9870	Plate - Brake	13 27 2	83-7900	Belt Tensioner Assembly	26 24 2
70-9880	Spring - Extension	13 17 4	83-7910	Rod	28 8 1
71-1370	Spring - Compression	24 35 1	83-7930	Yoke	28 3 1
71-1380	Pin - Spring	24 34 1	83-7970	Fitting - Hydraulic Bulkhead	8 39 2

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
83-7980	Bracket - Radiator Rear	8 12 1	83-9480	Tube - Hydraulic	16 8 1
83-8040	Cover - Left	8 8 1	83-9550	Decal - Warning	2 11 1
83-8070	Bracket - Radiator Bottom	8 18 1	83-9600	Hose - Hydraulic	10 7 2
83-8080	Key - Square	20 38 1	83-9600	Hose - Hydraulic	16 13 2
83-8110	Panel - Left	2 45 1	83-9610	Hose - Hydraulic	22 12 1
83-8120	Panel - Right Rear	2 4 1	83-9620	Hose - Hydraulic	24 42 1
83-8150	Screen - Radiator	8 17 1	83-9640	Hose - Hydraulic	22 14 1
83-8180	Decal - Instrument Panel	5 2 1	83-9640	Hose - Hydraulic	10 25 1
83-8190	Panel - Control	2 5 1	83-9650	Hose - Hydraulic	10 1 1
83-8190	Panel - Instrument	5 1 1	83-9650	Hose - Hydraulic	9 21 1
83-8210	Panel - Front Left	8 22 1	83-9651	Hose - Hydraulic	9 14 1
83-8220	Bracket - Muffler	18 51 1	83-9660	Clevis	10 23 1
83-8230	Panel - Right Front	2 2 1	83-9680	Screw - Cap Hex. Hd.	20 27 1
83-8270	Pedal - Traction	12 12 1	83-9690	Spring - Compression	20 26 1
83-8280	Throttle Assembly	5 30 1	83-9700	Fender - L.H.	1 15 1
83-8320	Mount - Pump	10 12 1	83-9710	Footrest - L.H.	1 17 1
83-8400	Pulley - Idler	20 20 1	83-9720	Fender - R.H.	1 1 1
83-8410	Pulley - Engine	18 48 1	83-9730	Step - Foot	2 36 1
83-8420	Pulley - Clutch	20 36 1	83-9740	Footrest - R.H.	1 4 1
83-8470	Bracket - Engine Mount	19 56 2	83-9760	Bracket - Cylinder Support	24 1 1
83-8490	Belt - Drive	20 37 1	83-9800	Shield - Grass Front L.H.	1 20 1
83-8500	Muffler	18 52 1	83-9810	Bushing - Flange	20 24 1
83-8510	Bracket - Fender L.H.	1 22 1	83-9840	Pad - Footrest L.H.	1 18 1
83-8540	Belt - Pump Drive	10 21 1	83-9880	Bracket - Fan Spindle	18 47 1
83-8550	Hose - Air Cleaner	2 49 1	83-9910	Gasket - Muffler	19 58 1
83-8550	Hose - Air Intake	18 13 1	83-9920	Bracket - Reservoir	9 13 1
83-8590	Cable - Lift	24 19 1	83-9970	Latch - Hood	1 12 1
83-8620	Bracket - Idler	20 18 1	84-1650	Decal - Brake	1 19 1
83-8630	Yoke - Belt Tension	20 22 1	84-1990	Rod - Adjusting	13 32 2
83-8720	Tank - Fuel	30 13 1	84-2000	Bracket - Brake	13 29 2
83-8760	Rod - Control	12 20 1	84-7770	Field & Rotor Assembly	21 1 1
83-8770	Lever - Pump	12 23 1	84-7780	Armature Assembly	21 2 1
83-8850	Grille - Front	1 29 1	84-8440	Bushing - Flange	24 11 2
83-8860	Shield - Grass Front R.H.	1 30 1	85-4870	Support - Hinge	1 26 1
83-8880	Panel - Skirt	2 12 1	85-4890	Hinge - Hood	1 31 1
83-8890	Decal - Reelmaster 216-D	2 19 2	85-4910	Air Cleaner (Complete)	4 * 1
83-8900	Decal - Service Information	2 50 1	85-4910	Air Cleaner Assembly	2 47 1
83-8920	Harness - Wire	6 1 1	85-4920	Hydraulic Pump Assembly	11 8 1
83-9000	Battery	30 6 1	85-4920	Hydraulic Pump Assembly	10 30 1
83-9020	Belt - V	18 38 1	85-4960	Pulley	10 16 1
83-9030	Foam - Top	8 36 1	85-4980	Switch Assembly	5 24 1
83-9050	Hose - Radiator	8 34 1	85-4990	Hose - Hydraulic	22 20 1
83-9060	Hose - Radiator	8 28 1	85-5000	Plate - Throttle	5 36 1
83-9070	Hose - Coolant	18 11 1	85-5010	Bracket - Right Front	3 54 1
83-9070	Hose - Radiator	8 31 1	85-5140	Foam - Hood	3 56 2
83-9080	Connector - Bleed	8 30 1	85-5160	Lever - Lift Valve	22 2 1
83-9130	Keeper - Cable	24 27 1	85-5170	Sleeve	8 41 1
83-9140	Clutch Assembly	20 39 1	85-5180	Trim	2 51 2
83-9150	Decal - Starting Fluid	2 10 1	85-5230	Bracket - Seat Pivot	3 62 2
83-9170	Right Channel Assembly	2 44 1	85-5310	Hose - Hydraulic	22 13 1
83-9210	Cable - Battery Neg.	30 8 1	85-5310	Hose - Hydraulic	24 41 1
83-9210	Cable - Ground	18 31 1	85-5330	Plate - Seat Mounting	3 64 1
83-9220	Cable - Battery Pos.	30 7 1	85-5340	Tube - Seat Pivot	2 7 2
83-9240	Hold-Down - Battery	30 21 1	85-6540	Stud - Drive	13 26 8
83-9250	Lever - Brake	13 36 2	88-6720	Bracket - Radiator Front	8 33 1
83-9270	Pivot - Brake L.H.	13 40 1	88-6730	Bracket - Screen Front	8 44 1
83-9310	Pivot - Brake R.H.	13 * 1	92-1177	Hose - Hydraulic	22 8 1
83-9330	Shaft - Brake	13 41 1	92-1177	Hose - Hydraulic	8 27 1
83-9340	Shield - Grass	13 13 2	92-1178	Hose - Hydraulic	10 10 1
83-9350	Rod - Parking Brake	13 1 1	92-1178	Hose - Hydraulic	9 27 1
83-9440	Hydraulic Tube Assembly	16 2 1	92-1583	Hose - Hydraulic	8 24 1
83-9450	Tube - Hydraulic	16 10 1	92-1583	Hose - Hydraulic	10 28 1
83-9470	Hydraulic Tube Assembly	16 1 1	92-1812	Shaft - Lift Pivot	26 25 2

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92-1812	Shaft - Lift Pivot	27 31 1	2411-53	End - Rod	12 22 1
92-1815	Rod - Pivot	26 13 2	2412-34	Clamp - Hose	10 2 1
92-1815	Rod - Pivot	27 26 1	2412-34	Clamp - Hose	18 10 1
92-1818	Arm - Tension	27 7 1	2412-34	Clamp - Hose	8 29 5
92-1818	Arm - Tension	26 29 2	2412-36	Clamp - Hose	30 10 2
92-1822	Shackle	26 26 2	2412-36	Clamp - Hose	9 26 1
92-1822	Shackle	27 34 1	2412-39	Clamp - R	2 17 3
92-2367	Shroud - Fan Bottom	8 32 1	2412-39	Clamp - R	18 35 2
92-2368	Knob - Clamp	8 46 2	2412-41	Clamp - R	8 15 1
92-2373	Frame Assembly	7 12 1	2412-74	Clamp - R	8 3 1
92-2404	Lift Arm Assembly, L.H.	26 8 1	2412-92	Clamp - Hose	18 12 1
92-2405	Lift Arm Assembly, R.H.	26 * 1	2412-92	Clamp - Hose	2 48 1
217-60	Rim	13 21 2	2412-93	Clamp - R	18 15 1
218-461	Nut - Hex.	2 33 2	2412-108	Clamp - Hose	30 4 4
218-469	Fuse - 15 Amp.	5 10 2	2412-108	Clamp - Hose	8 10 1
218-489	Fuse Holder Assembly	5 9 2	2412-108	Clamp - Hose	18 17 2
218-500	Nut - Hex.	5 22 2	2412-133	Clamp - R	2 16 2
218-562	Lens - Light	5 47 1	251-8	Bearing - Ball	11 35 1
218-596	Tab	12 37 2	251-77	Collar - Locking	20 9 2
219-17	Bulb - Light	5 6 4	251-259	Bearing - Ball	12 31 1
219-18	Bulb - Light	5 46 1	251-321	Bearing - Wheel	29 9 2
231-122	Tire	29 13 1	251-337	Bearing - Ball	20 8 2
231-127	Tire	13 20 2	252-82	Bearing - Needle	11 9 2
232-27	Valve - Stem	13 24 2	256-1	Bushing - Sleeve	24 23 3
232-47	Valve - Stem	29 12 1	256-2	Bushing - Sleeve	24 44 1
233-37	Knob	22 1 1	256-27	Bushing - Sleeve	7 19 2
237-7	Seal - O-Ring	2 31 1	256-115	Washer - Thrust	26 12 2
237-21	Seal - O-Ring	22 18 2	256-115	Washer - Thrust	27 25 1
237-21	Seal - O-Ring	14 47 3	256-117	Bushing - Flange	7 8 4
237-22	O-Ring	11 2 1	256-173	Bushing - Sleeve	28 11 1
237-22	Seal - O-Ring	22 7 4	256-245	Bushing - Flange	7 9 2
237-22	Seal - O-Ring	24 40 2	256-247	Bushing - Flange	7 13 2
237-30	Seal - O-Ring	16 3 4	256-287	Bushing - Flange	7 14 2
237-30	Seal - O-Ring	10 6 5	256-320	Bushing	1 32 2
237-30	Seal - O-Ring	13 7 2	256-321	Bushing - Sleeve	3 59 4
237-30	Seal - O-Ring	2 26 1	2710-16	Connecting Link Assembly	22 3 1
237-30	Seal - O-Ring	8 38 2	281-1	Plug - Pipe	8 37 2
237-37	Bumper - Rubber	2 6 2	281-7	Plug - Pipe	8 1 1
237-42	Seal - O-Ring	23 2 2	282-2	Clevis	13 34 2
237-42	Seal - O-Ring	22 5 1	282-4	Clevis	27 5 1
237-42	Seal - O-Ring	10 27 2	282-4	Clevis	24 31 4
237-42	Seal - O-Ring	24 38 2	283-1	Pin - Clevis	27 20 1
237-65	Seal - O-Ring	16 11 2	283-1	Pin - Clevis	13 37 2
237-65	Seal - O-Ring	13 44 2	283-2	Pin - Clevis	10 24 1
237-71	Seal - O-Ring	2 42 1	283-6	Pin - Clevis	27 6 1
237-78	Seal - O-Ring	22 10 2	283-6	Pin - Clevis	24 14 4
237-78	Seal - O-Ring	16 16 2	283-40	Pin - Clevis	26 3 2
237-78	Seal - O-Ring	14 46 2	283-40	Pin - Clevis	27 14 2
237-79	Seal - O-Ring	10 4 4	283-42	Pin - Clevis	24 9 1
237-79	Seal - O-Ring	9 18 1	283-55	Pin - Clevis	28 5 1
237-80	Seal - O-Ring	13 9 4	283-62	Pin - Clevis	18 19 1
237-81	Seal - O-Ring	9 3 4	283-75	Pin - Clevis	26 20 4
237-86	O-Ring	11 15 2	283-75	Pin - Clevis	27 32 2
237-95	O-Ring	11 27 1	283-78	Pin - Clevis	24 36 1
240-11	Grommet	9 9 3	285-17	Plug - Pipe	11 1 6
240-11	Grommet	30 16 3	302-5	Fitting - Grease	29 3 2
240-13	Bumper	20 16 2	302-5	Fitting - Grease	28 14 1
241-129	Rim	29 11 1	302-5	Fitting - Grease	7 24 3
241-130	Spacer - Bearing	29 10 1	302-5	Fitting - Grease	7 29 1
242-50	Nut - Lug	13 22 8	302-5	Fitting - Grease	20 33 2
2410-18	Plug	31 2 1	302-60	Fitting - Grease	26 16 2
2410-73	Retainer - Teather	9 6 1	302-60	Fitting - Grease	27 30 1
2411-52	End - Rod	12 17 1	321-5	Screw - Cap Hex. Hd.	13 15 8

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
321-6	Screw - Cap Hex. Hd.	12 10 2	3234-5	Screw - Hex. Washer Hd.	1 2 14
321-8	Screw - Cap Hex. Hd.	2 52 2	3234-5	Screw - Hex. Washer Hd.	13 4 2
321-11	Screw - Cap Hex. Hd.	3 61 2	3234-5	Screw - Hex. Washer Hd.	8 19 2
321-12	Screw - Cap Hex. Hd.	30 2 1	3234-5	Screw - Hex. Washer Hd.	18 32 1
321-13	Screw - Cap Hex. Hd.	10 18 3	3234-11	Screw - Hex. Flange Hd.	2 40 4
321-14	Screw - Cap Hex. Hd.	18 40 4	3234-11	Screw - Hex. Washer Hd.	24 29 1
321-23	Screw - Cap Hex. Hd.	22 16 2	3234-17	Screw - Hex. Washer Hd.	8 21 4
322-4	Screw - Cap Hex. Hd.	26 10 2	3234-24	Screw - Hex. Flange Hd.	18 26 4
322-4	Screw - Cap Hex. Hd.	27 23 1	3234-25	Screw - Hex. Washer Hd.	24 17 5
322-4	Screw - Cap Hex. Hd.	11 24 4	3234-28	Screw - Hex. Washer Hd.	8 13 8
322-7	Screw - Cap Hex. Hd.	18 37 2	3234-28	Screw - Hex. Washer Hd.	18 53 1
322-9	Screw - Cap Hex. Hd.	16 5 1	3234-32	Screw - Cap Hex. Hd.	20 5 4
322-9	Screw - Cap Hex. Hd.	12 18 2	3234-32	Screw - Cap Hex. Hd.	27 28 1
322-12	Screw - Cap Hex. Hd.	7 26 1	3234-32	Screw - Hex. Flange Hd.	26 14 2
322-17	Screw - Cap Hex. Hd.	13 2 1	3234-36	Screw - Hex. Flange Hd.	2 15 3
322-17	Screw - Cap Hex. Hd.	12 8 1	3242-4	Screw - Square Hd. Set	20 3 6
322-17	Screw - Cap Hex. Hd.	20 31 9	3245-35	Screw - Set	20 10 4
322-26	Screw - Cap Hex. Hd.	27 36 1	3249-11	Screw - Round Hd.	12 27 2
323-5	Screw - Cap Hex. Hd.	9 11 3	3250-35	Screw - Pan Hd.	24 6 2
323-5	Screw - Cap Hex. Hd.	30 18 3	3253-2	Washer - Lock	5 15 5
323-7	Screw - Cap Hex. Hd.	27 8 1	3253-3	Washer - Lock	13 14 8
323-7	Screw - Cap Hex. Hd.	26 28 2	3253-3	Washer - Lock	10 19 3
323-11	Screw - Cap Hex. Hd.	11 46 4	3253-4	Washer - Lock	26 11 2
323-13	Screw - Cap Hex. Hd.	24 46 1	3253-4	Washer - Lock	27 22 1
323-15	Screw - Cap Hex. Hd.	20 19 1	3253-4	Washer - Lock	1 24 4
323-17	Screw - Cap Hex. Hd.	24 20 2	3253-4	Washer - Lock	27 37 1
325-6	Screw - Cap Hex. Hd.	29 1 1	3254-9	Washer - ITLW	12 2 2
325-7	Screw - Cap Hex. Hd.	10 13 2	3254-9	Washer - Lock Internal	24 5 2
325-11	Screw - Cap Hex. Hd.	13 28 8	3254-20	Washer - Lock	5 23 1
325-18	Screw - Cap Hex. Hd.	10 15 1	3255-2	Washer - Lock	29 20 1
3210-7	Screw - Cap Hex. Hd.	12 30 1	3255-7	Washer - ETLW	12 26 3
3212-34	Clamp - Hose	9 16 3	3255-8	Washer - Lock E.T.L.W.	18 30 1
3217-6	Nut - Hex.	1 23 4	3256-3	Washer - Flat	16 6 1
3217-16	Nut - Lock	12 3 2	3256-6	Washer - Flat	26 15 2
3218-3	Nut - Jam	7 3 2	3256-6	Washer - Flat	27 27 1
3218-6	Nut - Jam	28 9 1	3256-14	Washer - Flat	5 16 2
3218-17	Nut - Jam	20 12 1	3256-16	Washer - Flat	13 12 8
3219-14	Nut - Hex.	32 3 1	3256-22	Washer - Flat	8 6 2
3219-14	Nut - Hex.	5 14 6	3256-22	Washer - Flat	22 15 2
3220-2	Nut - Jam	12 19 2	3256-22	Washer - Flat	2 53 2
3220-2	Nut - Jam	13 33 2	3256-23	Washer	14 49 1
3220-5	Nut - Jam	7 6 1	3256-23	Washer - Flat	18 9 23
3220-12	Nut - Jam	29 19 1	3256-23	Washer - Flat	24 16 1
3220-20	Nut - Jam	12 21 1	3256-23	Washer - Flat	1 25 4
3229-1	Bolt - Carriage	26 1 2	3256-23	Washer - Flat	20 30 15
3229-1	Screw - Carriage	1 7 2	3256-23	Washer - Flat	8 43 2
3229-22	Bolt - Carriage	3 63 2	3256-24	Washer - Flat	20 25 2
3230-1	Screw - Carriage	30 19 2	3256-24	Washer - Flat	24 25 3
3230-1	Screw - Carriage	18 33 1	3256-24	Washer - Flat	18 27 16
3230-22	Screw - Carriage	18 6 1	3256-24	Washer - Flat	12 34 1
3230-23	Screw - Carriage	9 23 6	3256-26	Washer - Flat	7 10 2
3230-23	Screw - Carriage	1 27 6	3256-28	Washer - Flat	29 16 1
3230-27	Screw - Carriage	1 8 1	3256-45	Washer - Flat	27 10 4
3231-22	Bolt - Carriage	8 23 6	3256-45	Washer - Flat	26 19 4
3231-26	Screw - Carriage	18 7 1	3256-54	Washer - Flat	28 4 1
3231-31	Bolt - Carriage	20 21 1	3256-57	Washer - Flat	27 38 1
3234-4	Screw - Cap Hex. Hd.	8 7 2	3257-15	Key - Square	13 10 2
3234-4	Screw - Hex. Flange Hd.	2 13 3	3257-32	Key - Woodruff	11 7 1
3234-4	Screw - Hex. Flange Hd.	20 29 2	3257-32	Key - Woodruff	10 17 1
3234-4	Screw - Hex. Washer Hd.	5 8 3	3258-19	Screw - Round Hd.	4 2 2
3234-4	Screw - Hex. Washer Hd.	24 10 1	3272-4	Pin - Cotter	24 13 1
3234-4	Screw - Hex. Washer Hd.	9 22 2	3272-6	Pin - Cotter	7 1 1
3234-5	Screw - Hex. Flange Hd.	2 1 21	3272-6	Pin - Cotter	10 14 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3272-6	Pin - Cotter	29 14 1	32121-91	Pin - Coiled Spring	11 38 3
3272-6	Pin - Cotter	27 19 1	32122-2	Screw - Round Hd.	32 2 1
3272-6	Pin - Cotter	13 31 5	32128-14	Nut - Flange Lock	1 13 2
3272-6	Pin - Cotter	24 43 1	32128-20	Nut - Flange Lock	2 46 4
3272-9	Pin - Cotter	18 23 1	32128-20	Nut - Hex.	1 9 2
3272-10	Pin - Cotter	26 22 4	32128-20	Nut - Lock	14 48 2
3272-10	Pin - Cotter	27 33 2	32128-33	Nut - Flange Lock	1 3 2
3272-11	Pin - Cotter	27 4 1	32128-33	Nut - Flange Lock	26 4 2
3272-11	Pin - Cotter	24 32 5	32128-33	Nut - Flange Lock	2 9 2
3272-13	Pin - Cotter	27 13 2	32128-33	Nut - Flange Lock	20 14 2
3272-13	Pin - Cotter	26 27 2	32128-33	Nut - Flange Lock	5 31 3
3273-18	Screw - Hex. Socket Hd.	20 34 4	32128-33	Nut - Flange Lock	2 34 5
3274-90	Screw - Hex. Socket Hd.	5 13 2	32128-43	Nut - Flange Lock	18 1 5
3290-379	Tie - Cable	20 41 1	32128-43	Nut - Flange Lock	24 2 7
3290-379	Tie - Cable	19 59 2	32128-43	Nut - Flange Lock	8 16 6
3290-432	Screw - Hex. Hd.	18 20 1	32128-43	Nut - Flange Lock	20 23 2
3290-467	Pin - Cotter Hair	1 28 2	32128-43	Nut - Flange Lock	2 37 4
3296-2	Nut - Lock	5 44 1	32128-44	Nut - Flange Lock	18 4 5
3296-4	Nut - Lock	24 15 1	32128-44	Nut - Flange Lock	1 16 13
3296-6	Nut - Lock	10 22 1	32128-44	Nut - Flange Lock	2 18 12
3296-16	Nut - Flange Lock	22 9 2	32128-44	Nut - Flange Lock	30 20 3
3296-16	Nut - Lock	12 4 2	32128-44	Nut - Flange Lock	8 26 4
3296-23	Nut - Flange Lock	20 28 4	32128-44	Nut - Hex. Flange Hd.	9 12 6
3296-23	Nut - Lock	10 11 3	32128-44	Nut - Lock	13 3 2
3296-23	Nut - Lock	13 42 8	32136-4	Nut - Castle	7 2 1
3296-28	Nut - Lock	7 11 2	32136-4	Nut - Castle	29 15 1
3296-29	Nut - Flange Lock	7 20 1	32141-84	Screw - Cap Hex. Hd.	7 25 2
3296-29	Nut - Flange Lock	20 32 6	32144-18	Screw - Hex. Hd.	5 4 2
3296-29	Nut - Lock	16 9 1	32144-39	Screw - Pan Hd.	5 41 2
3296-29	Nut - Lock	12 32 3	32148-7	Insert - Threaded	2 3 5
3296-29	Nut - Lock	8 42 2	32148-7	Insert - Threaded	1 33 3
3296-39	Nut - Flange Lock	22 17 1	32148-8	Insert - Threaded	8 14 3
3296-39	Nut - Flange Lock	24 26 3	32148-8	Insert - Threaded	3 58 1
3296-39	Nut - Lock	27 15 1	32148-14	Insert - Threaded	7 28 1
3296-39	Nut - Lock	20 17 2	32149-9	Nut - Flange Lock	5 37 2
3296-39	Nut - Lock	26 31 2	32151-46	Ring - Retaining	11 13 2
3296-42	Nut - Lock	2 8 2	32153-1	Nut - Lock	8 45 2
3296-42	Nut - Lock	13 11 8	340-2	Fitting - Hydraulic Straight	24 47 1
3296-42	Nut - Lock	8 40 2	340-4	Fitting - Hydraulic Straight	10 8 1
3296-51	Nut - Lock	29 17 1	340-17	Fitting - Hydraulic 90°	13 43 2
3296-59	Nut - Lock	27 9 2	340-20	Fitting - Hydraulic Tee	22 21 1
3296-59	Nut - Lock	26 18 2	340-77	Fitting - Hydraulic 90°	22 6 1
3296-59	Nut - Lock	12 33 1	340-87	Fitting - Hydraulic 45°	24 39 1
32104-6	Screw - Cap Hex. Hd.	26 32 2	340-92	Fitting - Hydraulic Straight	22 11 1
32104-6	Screw - Cap Hex. Hd.	27 35 1	340-99	Fitting - Hydraulic 90°	10 26 2
32104-82	Screw - Hex. Washer Hd.	1 21 5	340-101	Fitting - Hydraulic 45°	10 5 2
32104-116	Screw - Hex. Washer Hd.	8 2 8	340-103	Fitting - Hydraulic 45°	14 45 1
32105-1	Screw - Hex. Hd.	5 42 1	340-103	Fitting - Hydraulic 90°	22 22 1
32107-11	Nut - Square	4 4 2	340-105	Fitting - Hydraulic 90°	13 8 2
32120-10	Ring - Retaining	18 45 1	340-110	Fitting - Hydraulic 90°	22 19 1
32120-11	Ring - Retaining	11 36 1	340-127	Nut - Bulkhead	8 25 2
32120-15	Ring - Retaining	11 34 1	340-140	Fitting - Hydraulic Tee	14 * 1
32121-6	Pin - Roll	12 15 1	340-162	Fitting - Hydraulic 90°	16 12 1
32121-6	Pin - Roll	2 21 1	340-163	Fitting - Hydraulic 90°	16 4 1
32121-6	Pin - Roll	13 39 2	353-987	Fitting - Hydraulic 90°	9 17 1
32121-9	Pin - Roll	28 13 1	354-77	Hydraulic Test Port Fitting	16 15 2
32121-10	Pin - Roll	7 22 1	354-79	Cap - Test Port	16 14 2
32121-15	Pin - Roll	7 16 2	354-120	Fitting - Hydraulic 90°	9 25 1
32121-23	Pin - Roll	28 1 1	354-127	Fitting - Hydraulic 45°	9 20 2
32121-24	Pin - Roll	12 24 1	354-128	Fitting - Hydraulic 90°	10 3 1
32121-34	Pin - Dowel	10 29 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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