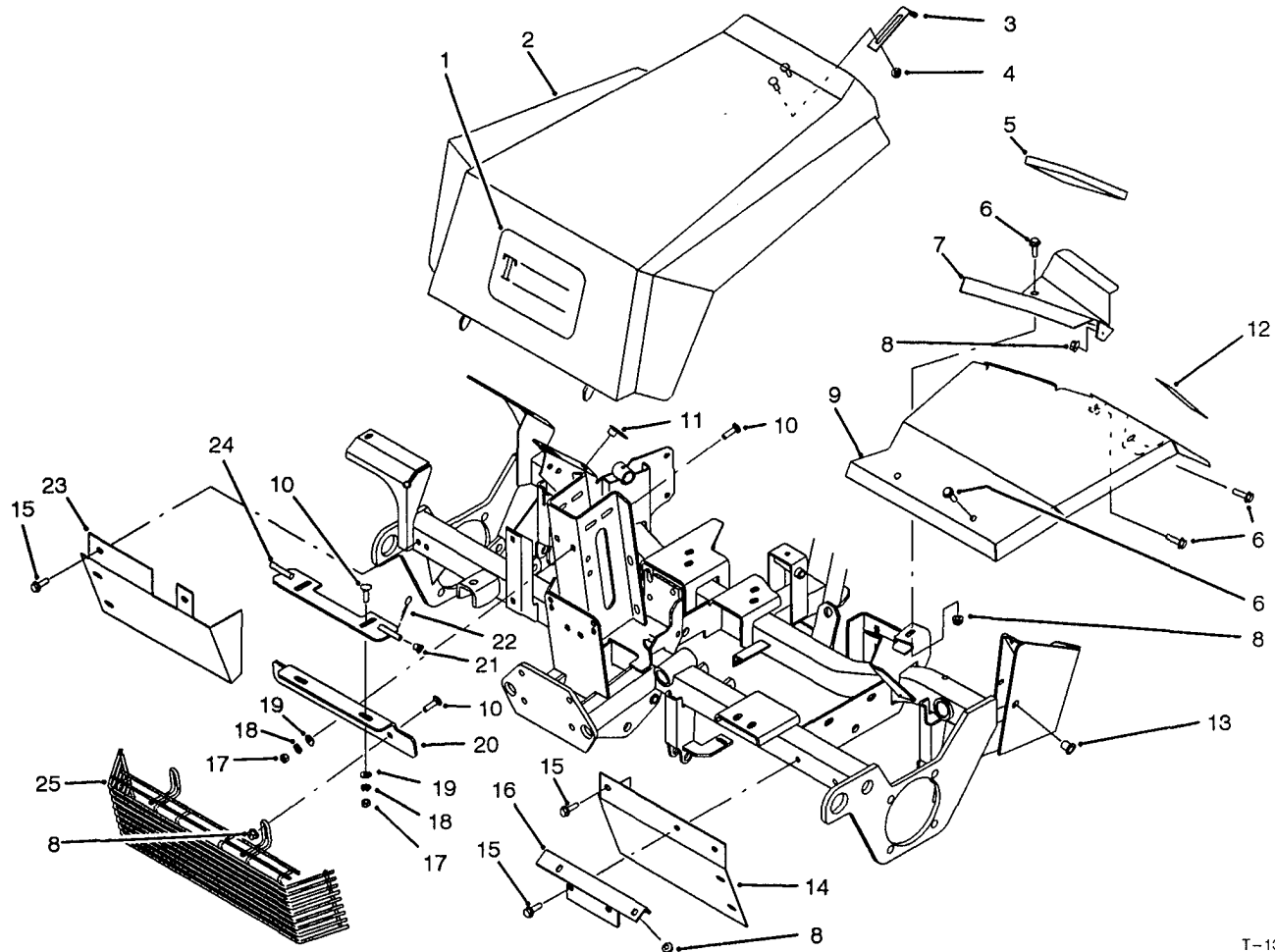


TORO®

MODEL NO. 03420-40001 & UP

**PARTS
CATALOG****REELMASTER® 216-D 2wd
TRACTION UNIT**

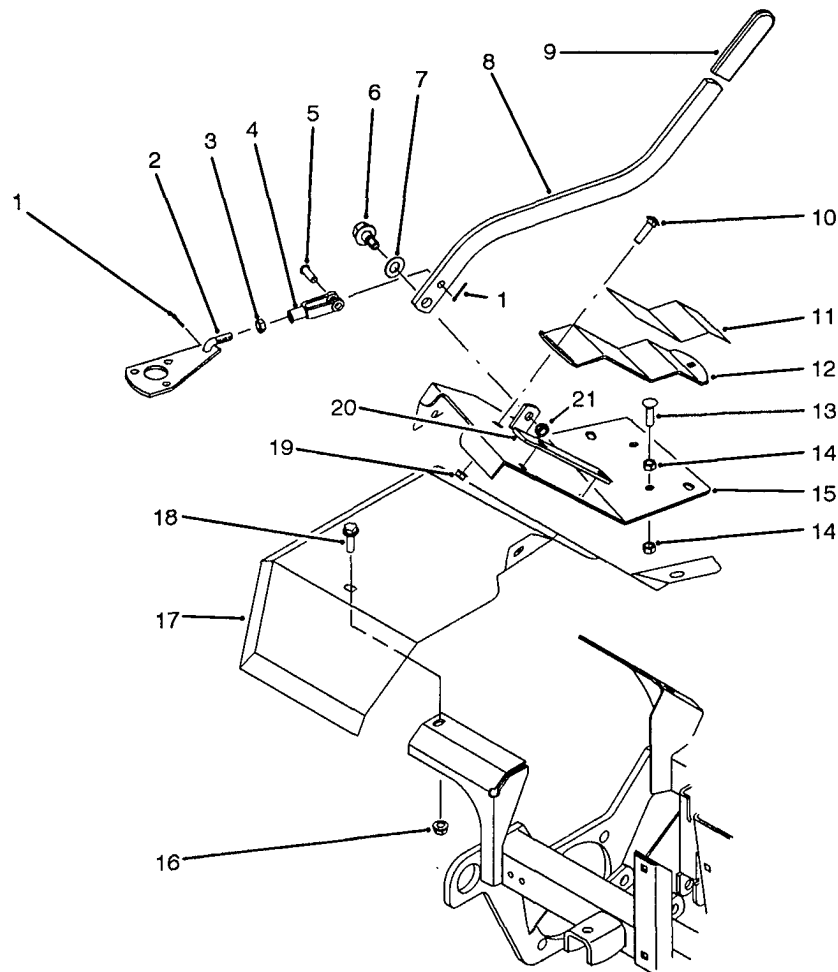
T-1347

HOOD & GRILLE ASSEMBLY

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

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

TPS

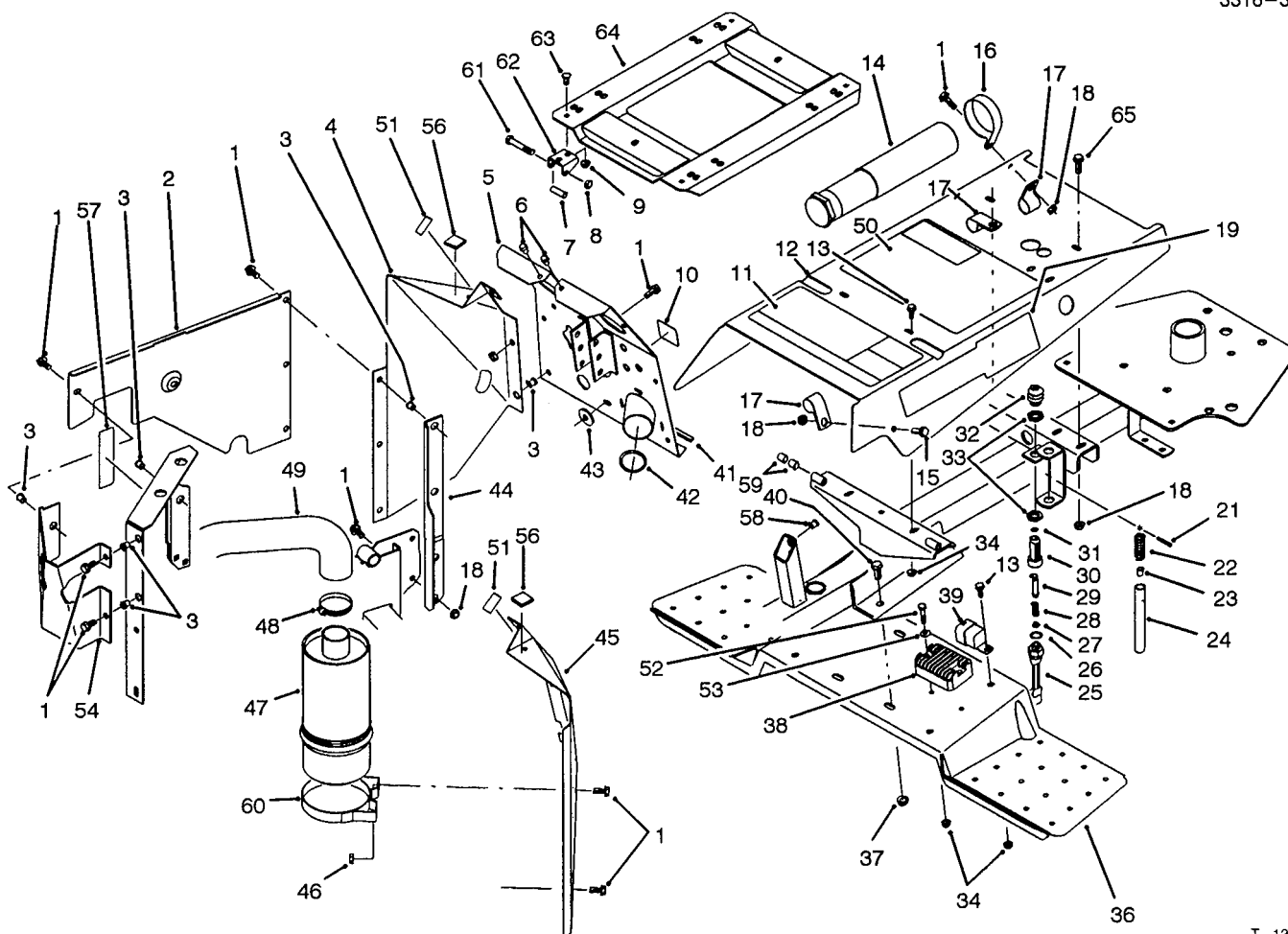


T-1816

RIGHT FOOTREST & PUMP CLUTCH LEVER ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
12	76-2200	Footrest - Traction	1
13	3230-27	Screw - Carriage	1
14	32128-20	Nut - Jam	2
15	83-9740	Footrest - RH	1
16	32128-44	Nut - Flange Lock	3
17	83-9720	Fender - RH	1
18	3234-5	Screw - Hex. Flange Hd.	3
19	32128-33	Nut - Flange Lock	2
20	92-7918	Bracket - Lever	1
21	3296-59	Nut - Lock	1



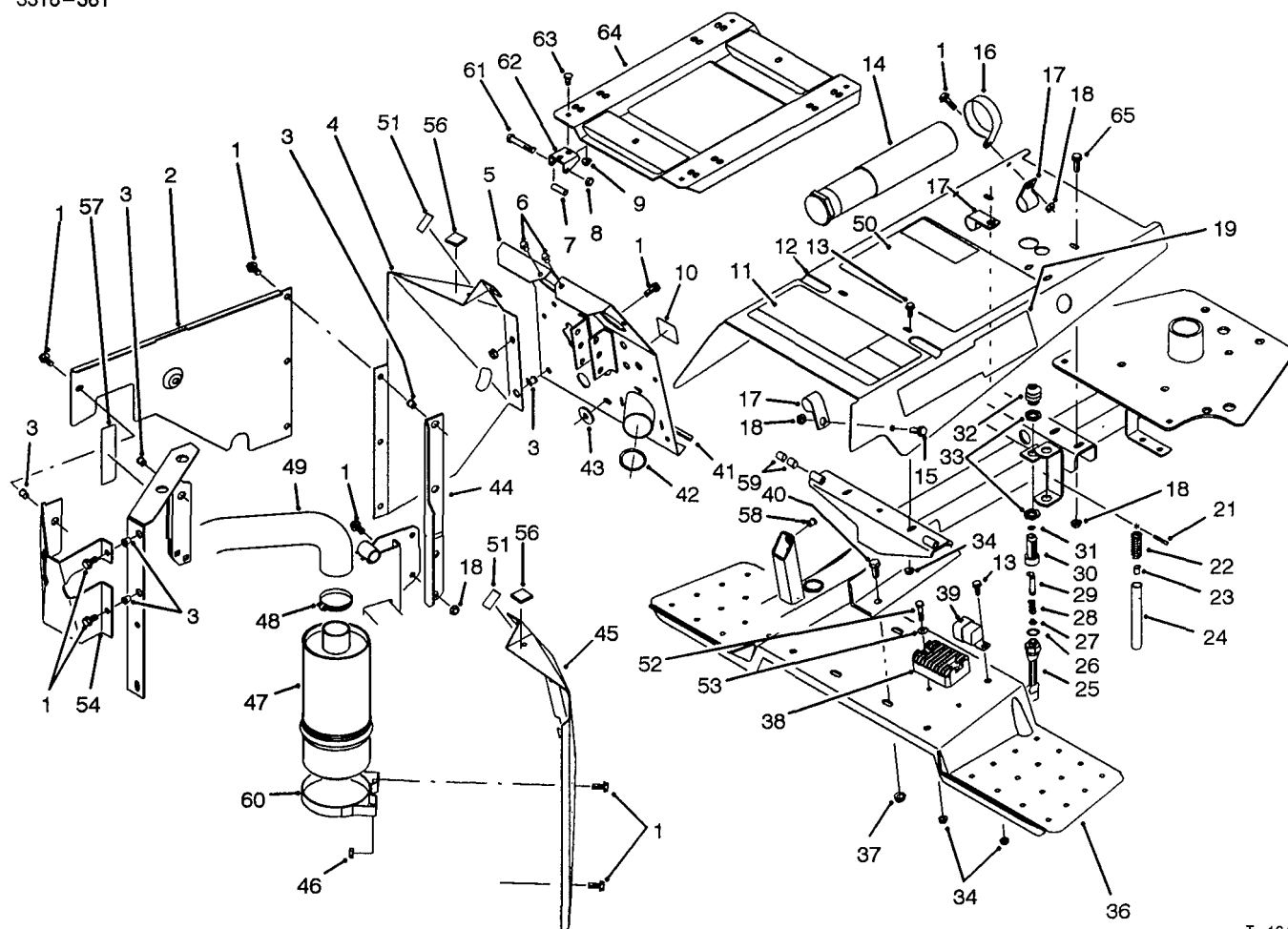
T-1348

SKIRT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3234-5	Screw - Hex. Flange Hd.	21	28	43-8600	Spring - Compression	1
2	83-8230	Panel - Right Front	1	29	43-8860	Plunger - Switch	1
3	32148-7	Insert - Threaded	5	30	43-8620	Guide - Pin	1
4	83-8120	Panel - Right Rear	1	31	237-7	Seal - O-Ring	1
5	83-8190	Panel - Control	1	32	43-8870	Boot - Switch	1
6	237-37	Bumper - Rubber	2	33	218-461	Nut - Hex.	2
7	85-5340	Tube - Seat Pivot	2	34	32128-33	Nut - Flange Lock	5
8	3296-42	Nut - Lock	2	36	83-9730	Step - Foot	1
9	32128-33	Nut - Flange Lock	2	37	32128-43	Nut - Flange Lock	4
†10	83-9150	Decal - Starting Fluid	1	†38	185516060	Regulator - Voltage	1
†11	83-9550	Decal - Warning	1	39	70-1480	Relay	1
12	92-3182	Panel - Skirt	1	40	3234-11	Screw - Hex. Flange Hd.	4
13	3234-4	Screw - Hex. Flange Hd.	3	41	76-6471	Trim - Control Panel Bottom	1
14	74-0720	Tube - Manual	1	42	237-71	Seal - O-Ring	1
15	3234-36	Screw - Hex. Flange Hd.	1	43	62-7170	Spacer	1
16	2412-133	Clamp - R	2	44	83-9170	Right Channel Assembly (Incl. Ref. #3)	1
17	2412-39	Clamp - R	3	45	83-8110	Panel - Left	1
18	32128-44	Nut - Flange Lock	12	46	32128-20	Nut - Flange Lock	4
19	83-8890	Decal - Reelmaster 216-D	2	47	85-4910	Air Cleaner Assembly	1
21	32121-6	Pin - Roll	1	48	2412-92	Clamp - Hose	1
22	37-9590	Spring - Compression	1	49	83-8550	Hose - Air Cleaner	1
23	28-6180	Pin	1	†50	83-8900	Decal - Service Information	1
24	27-9870	Pin - Seat	1	51	85-5180	Trim	2
25	72-4320	Switch - Seat	1	52	321-8	Screw - Cap Hex. Hd.	2
26	237-30	Seal - O-Ring	1	53	3256-22	Washer - Flat	2
27	43-8610	Guide - Spring	1				

†Obtain from your Local Perkins Dealer

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



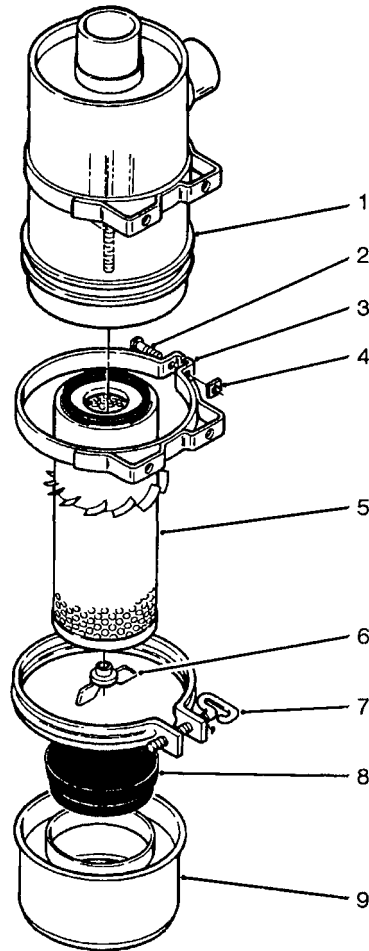
T-1348

SKIRT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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
61	321-11	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
62	85-5230	Bracket - Seat Pivot	2
63	3229-22	Bolt - Carriage	2
64	85-5330	Plate - Seat Mounting	1
65	3230-2	Bolt - Carriage	2
*	3290-379	Tie - Cable	1
*	43-9071	Seat Switch Assembly (Incl. Ref. #25-33)	1

*Not Illustrated

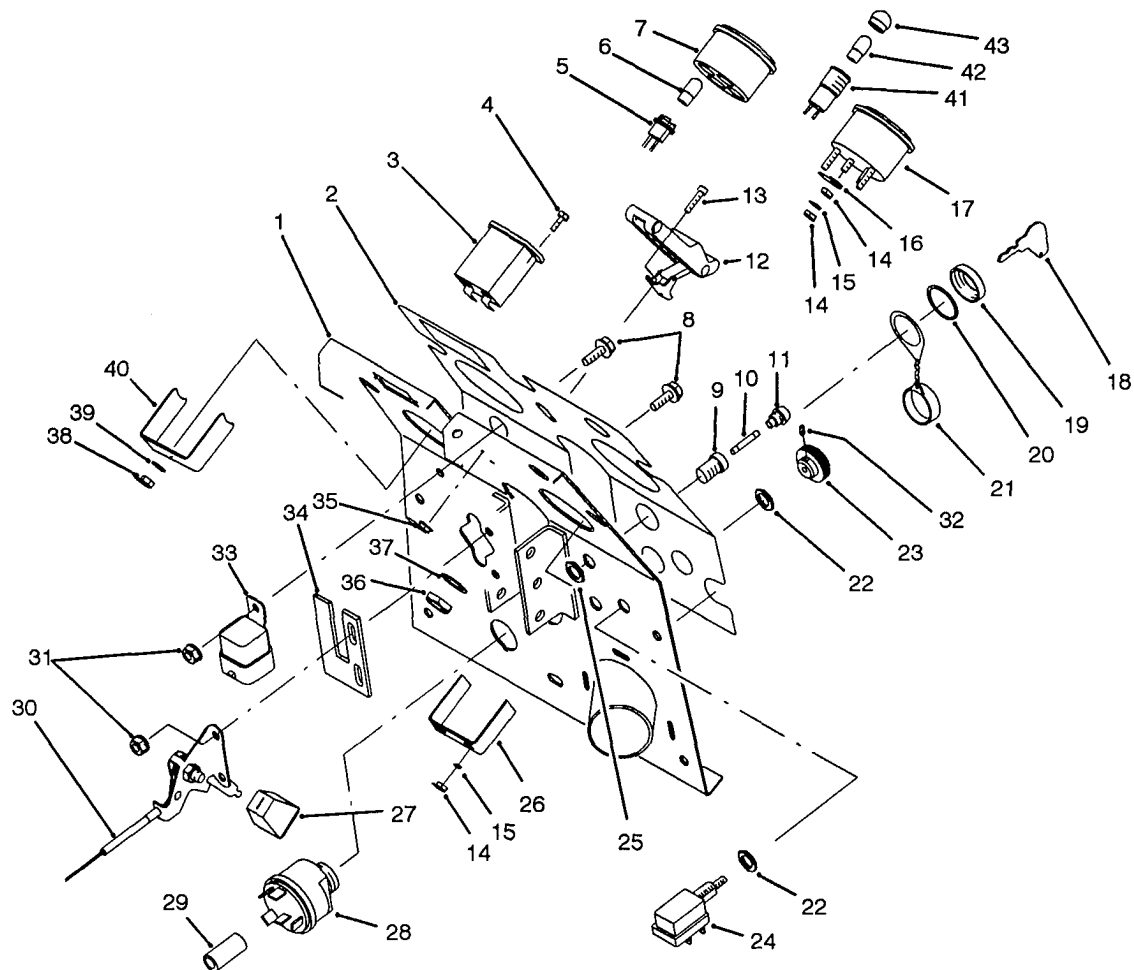


T-1349

AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	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



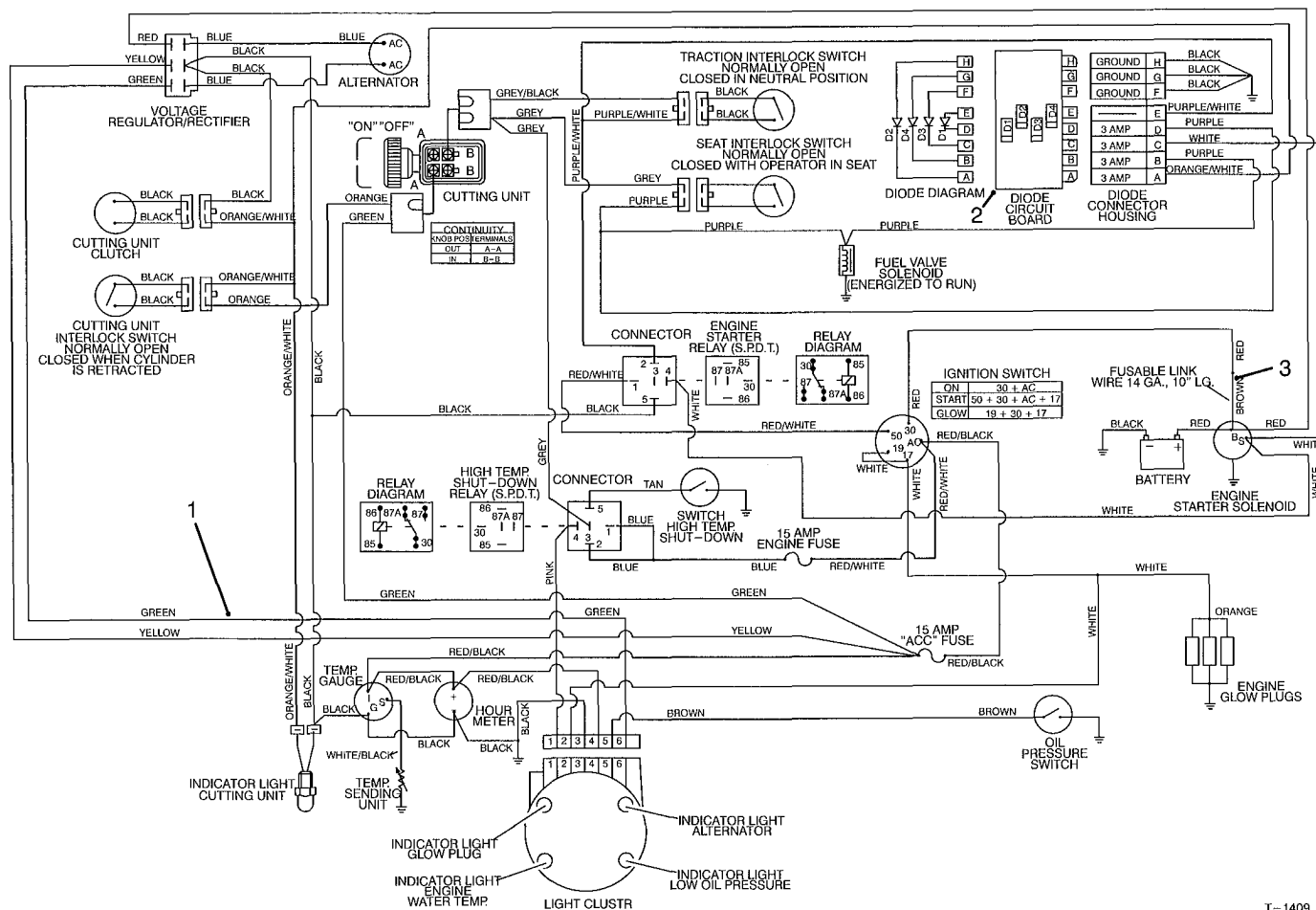
T-1350

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92-3183	Panel - Instrument	1
2	92-3178	Decal - Instrument Panel	1
3	75-6820	Hourmeter	1
4	32144-18	Screw - Hex. Hd.	2
5	87-6270	Socket - Warning Light	1
6	219-17	Bulb - Light	4
7	87-4140	Warning Light Assembly (Incl. Ref. #5, 6 & 38-40)	1
8	3234-4	Screw - Hex. Washer Hd.	3
9	218-489	Fuse Holder Assembly (Incl. Ref. #11 & 25)	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	85-5270	Key - Ignition	2
†19		Nut - Retaining	1
†20	390190030	Seal - Switch	1
†21	385800010	Cover - Switch	1
22	3218-19	Nut - Hex.	2

Ref. No.	Part No.	Description	No. Used
23	92-3195	Knob	1
24	92-3194	Switch Assembly (Incl. Ref. #22, 23 & 32)	1
25		Nut - Hex.	2
26		Clamp - Gauge	1
27		Knob - Throttle	1
†28	385201160	Ignition Switch Assembly (Incl. Ref. #18 & 19)	1
29	80-7345	Hose	
30	92-3153	Throttle Assembly (Incl. Ref. #27)	1
31	32128-33	Nut - Flange Lock	3
32	3298-8	Screw - Set	1
33	70-1480	Relay	1
34	85-5000	Plate - Throttle	1
35	32149-9	Nut - Flange Lock	2
36		Nut - Hex.	1
37		Washer - Flat	1
38	3217-26	Nut - Hex.	1
39	3254-11	Washer - Lock ETLW	1
40		Clamp - Mounting	1
41	44-2212	Light Assembly (Incl. Ref. #36-37 & 42-43)	1
42	219-18	Bulb - Light	1
43	218-562	Lens - Light	1

†Obtain from your local Perkins Dealer.

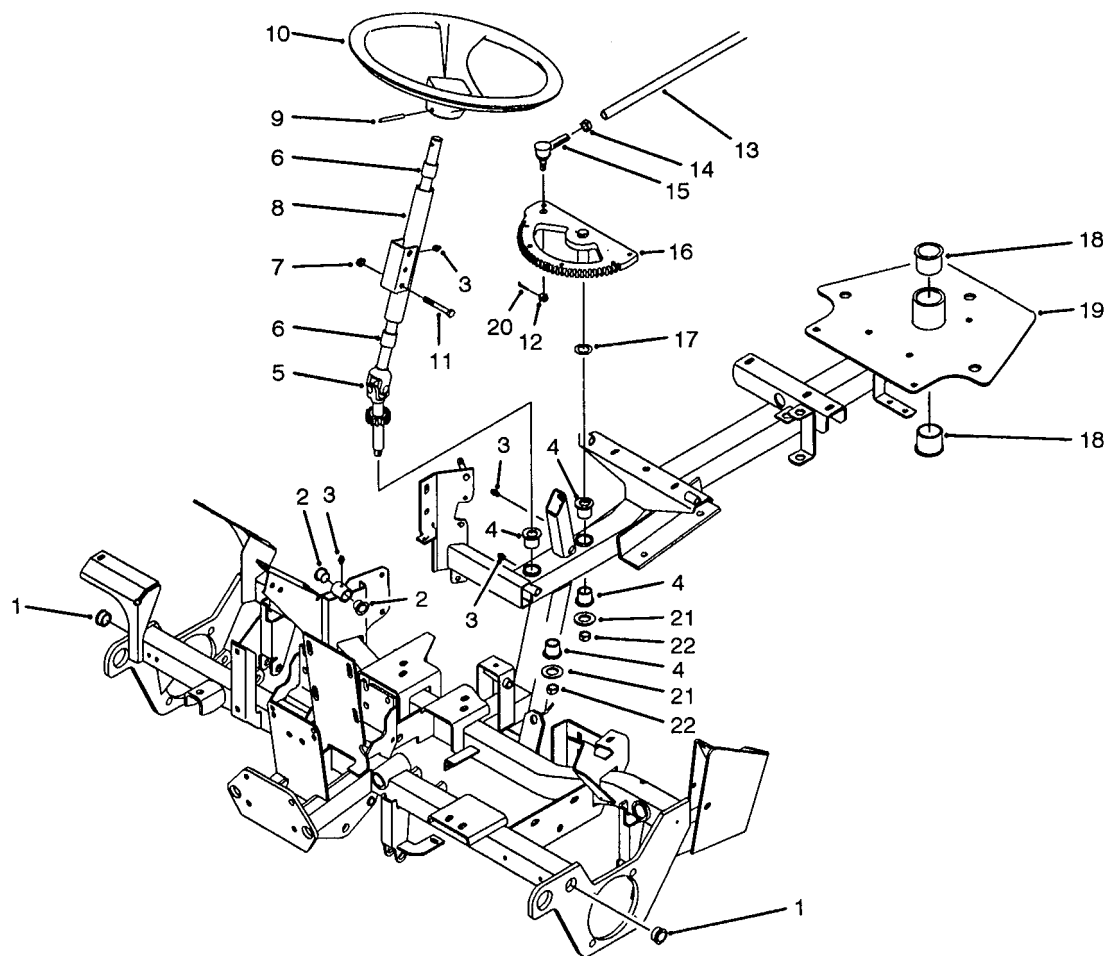


T-1409

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	92-7910	Harness - Wire	1
2	92-3188	Diode - Circuit Board	1

Ref. No.	Part No.	Description	No. Used
3	92-7914	Wire - Fusible Link	1

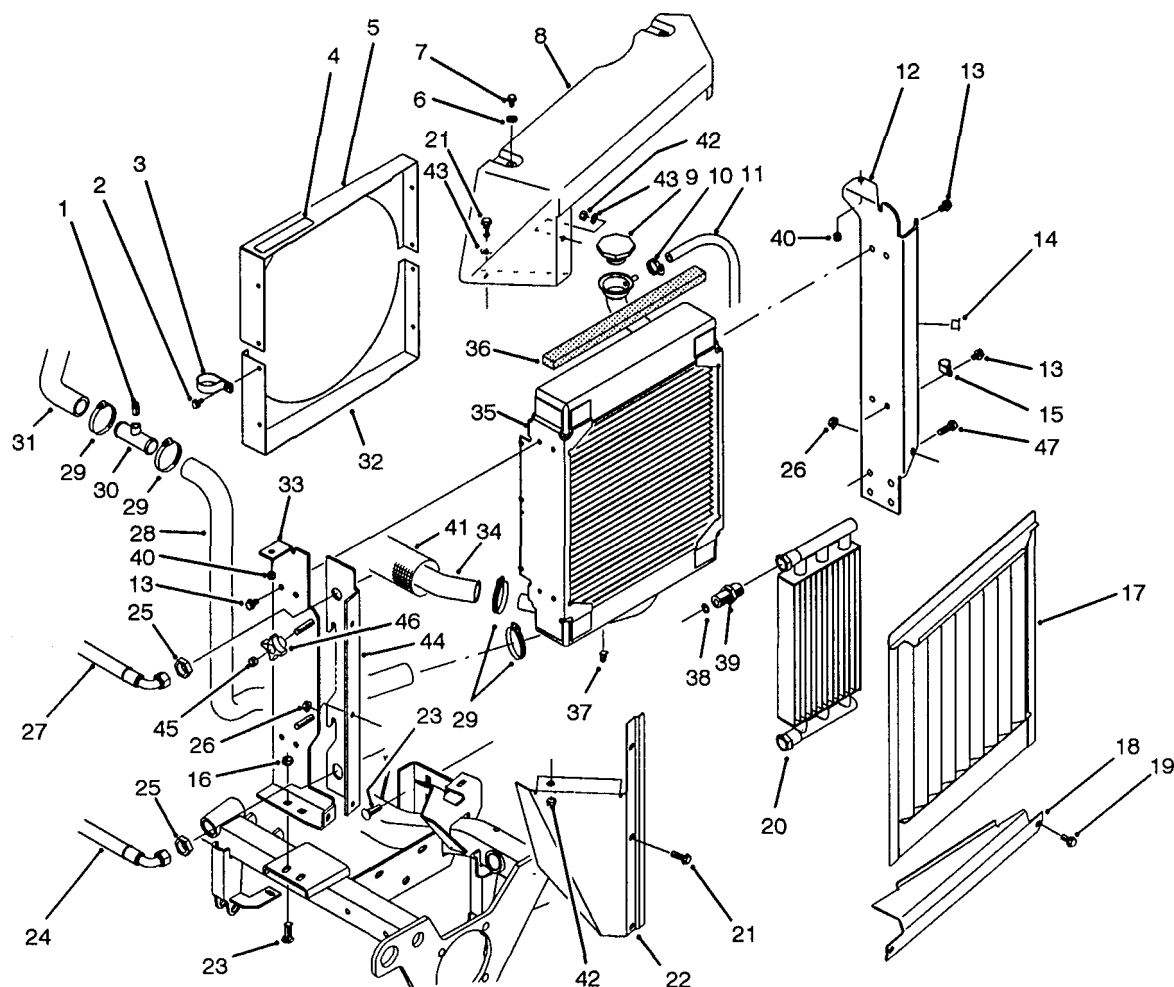


T-1351

FRAME ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
12	32136-4	Nut - Castle	1
13	61-2070	Rod - Steering	1
14	3220-5	Nut - Jam	1
15	21-0150	Rod End Assembly (Incl. Ref. #12)	1
16	92-3172	Rack - Steering	1
17	3-6498	Washer - Thrust	A/R
18	256-245	Bushing - Flange	2
19	92-2373	Frame	1
20	3272-6	Pin - Cotter	1
21	3256-26	Washer - Flat	2
22	3296-28	Nut - Lock	2

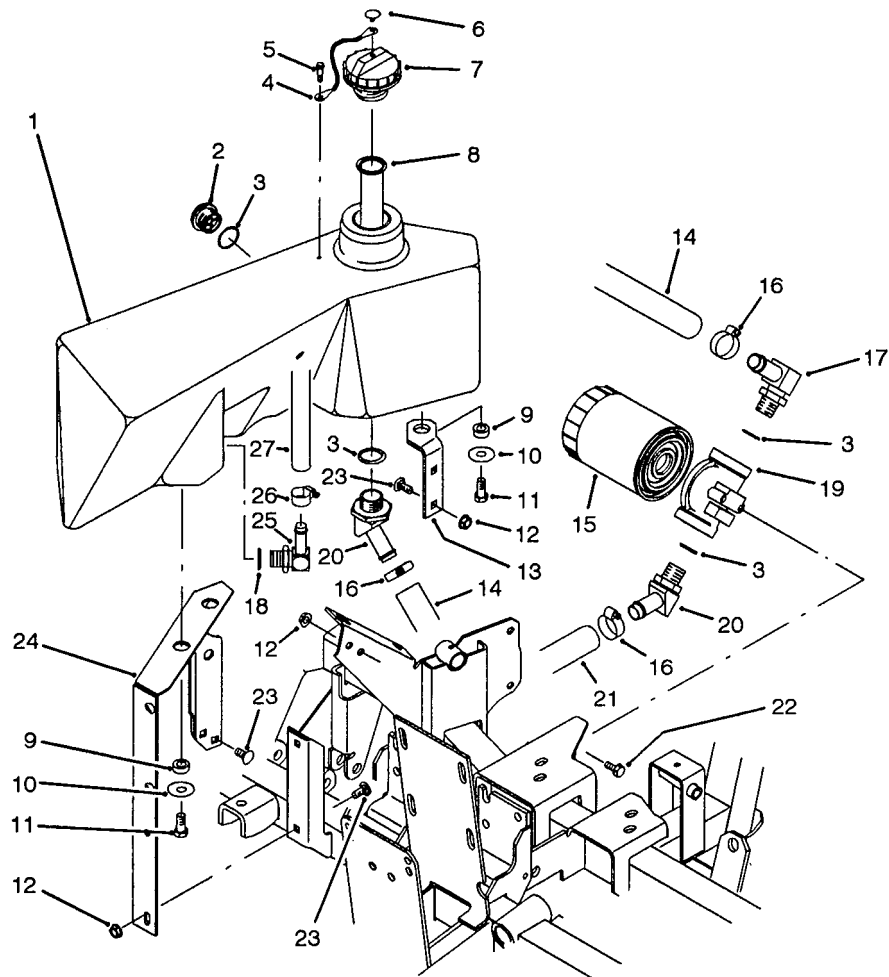


T-1352

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	16-1149	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	83-7850	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	32153-3	Nut - Lock	2
22	83-8210	Panel - Front Left	1	46	92-2368	Knob - Clamp	2
23	3231-22	Bolt - Carriage	2	47	323-6	Screw - Cap Hex. Hd.	4
24	92-1583	Hose - Hydraulic	1				

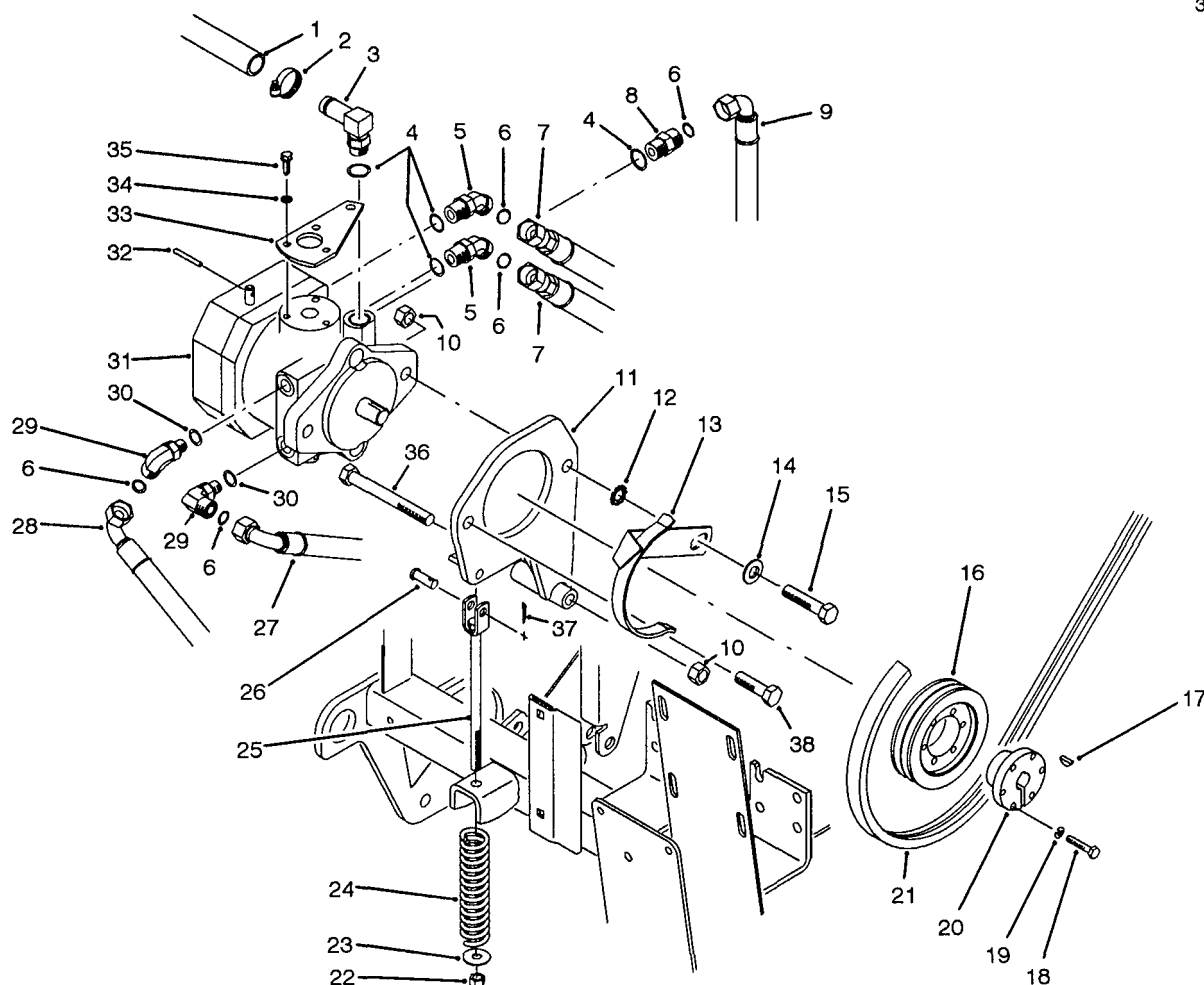
‡For different language versions of this part, see International Decal Cross Reference.



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				

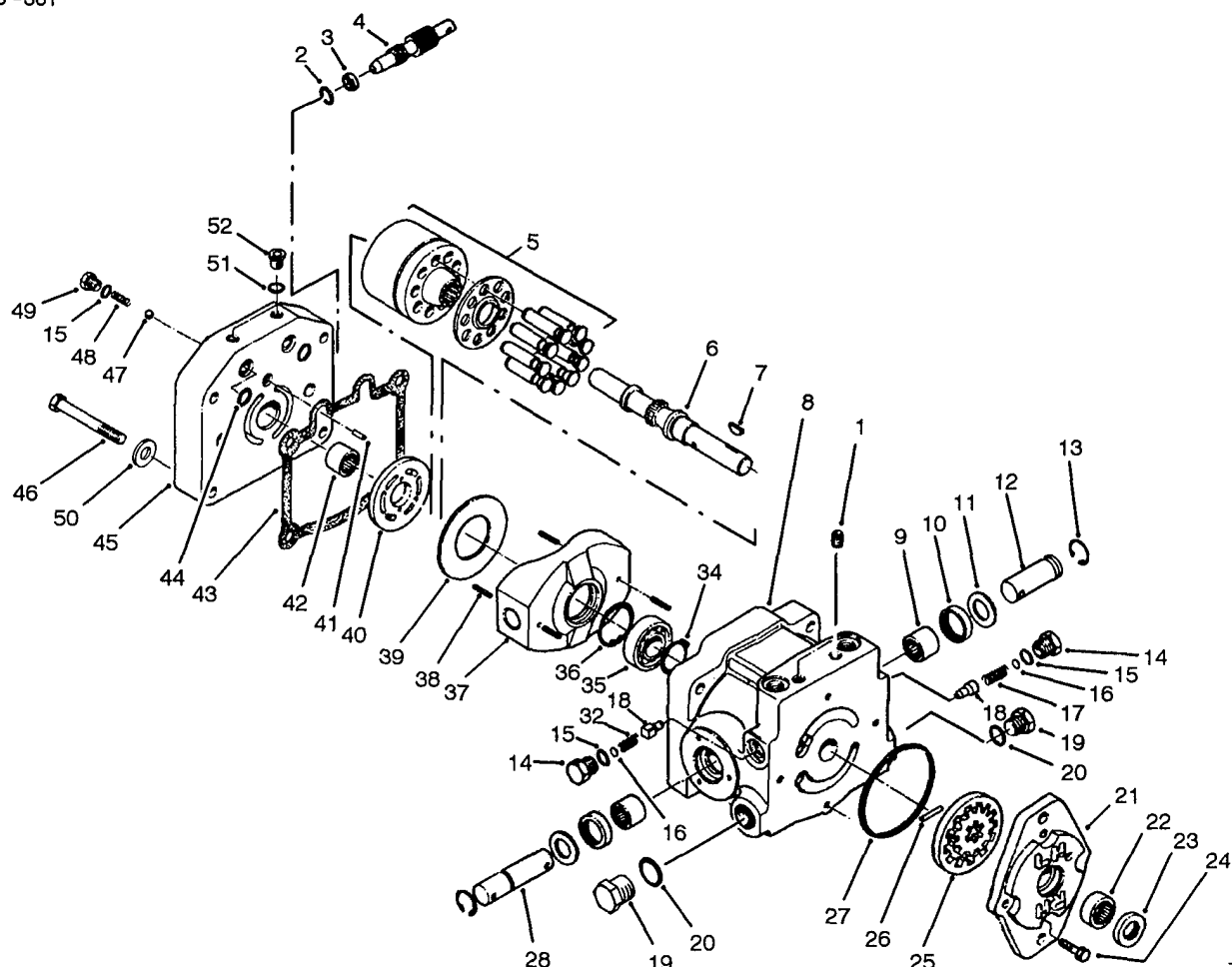


T-1354

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
9	92-1178	Hose - Hydraulic	1
10	3296-23	Nut - Lock	3
11	83-8320	Mount - Pump	1
12	3255-2	Washer - Lock ETLW	1
13	92-7924	Retainer - Belt	1
14	3256-26	Washer - Flat	1
15	325-9	Screw - Cap Hex. Hd.	2
16	61-3330	Pulley	1
17	3257-32	Key - Woodruff	1
18	321-13	Screw - Cap Hex. Hd.	3
19	3253-3	Washer - Lock	3

Ref. No.	Part No.	Description	No. Used
20	59-2150	Taper Lock Bushing Assy. (Incl. Ref. #18 & 19)	1
21	92-3186	Belt - Pump Drive	1
22	3296-6	Nut - Lock	1
23	52-2861	Washer - Flat	1
24	3-6692	Spring - Compression	1
25	92-7917	Clevis	1
26	283-2	Pin - Clevis	1
27	83-9640	Hose - Hydraulic	1
28	92-1583	Hose - Hydraulic	1
29	340-99	Fitting - Hydraulic 90° (Incl. Ref. #6 & 30)	2
30	237-42	Seal - O-Ring	2
31	92-9023	Hydraulic Pump Assembly (Incl. Ref. #17)	1
32	32121-34	Pin - Dowel	1
33	92-7922	Plate - Pump Pivot	1
34	3255-7	Washer - Lock ETLW	3
35	49-2040	Screw - Hex. Flange Hd.	3
37	3272-6	Pin - Cotter	1
36	325-18	Screw - Cap Hex. Hd.	1

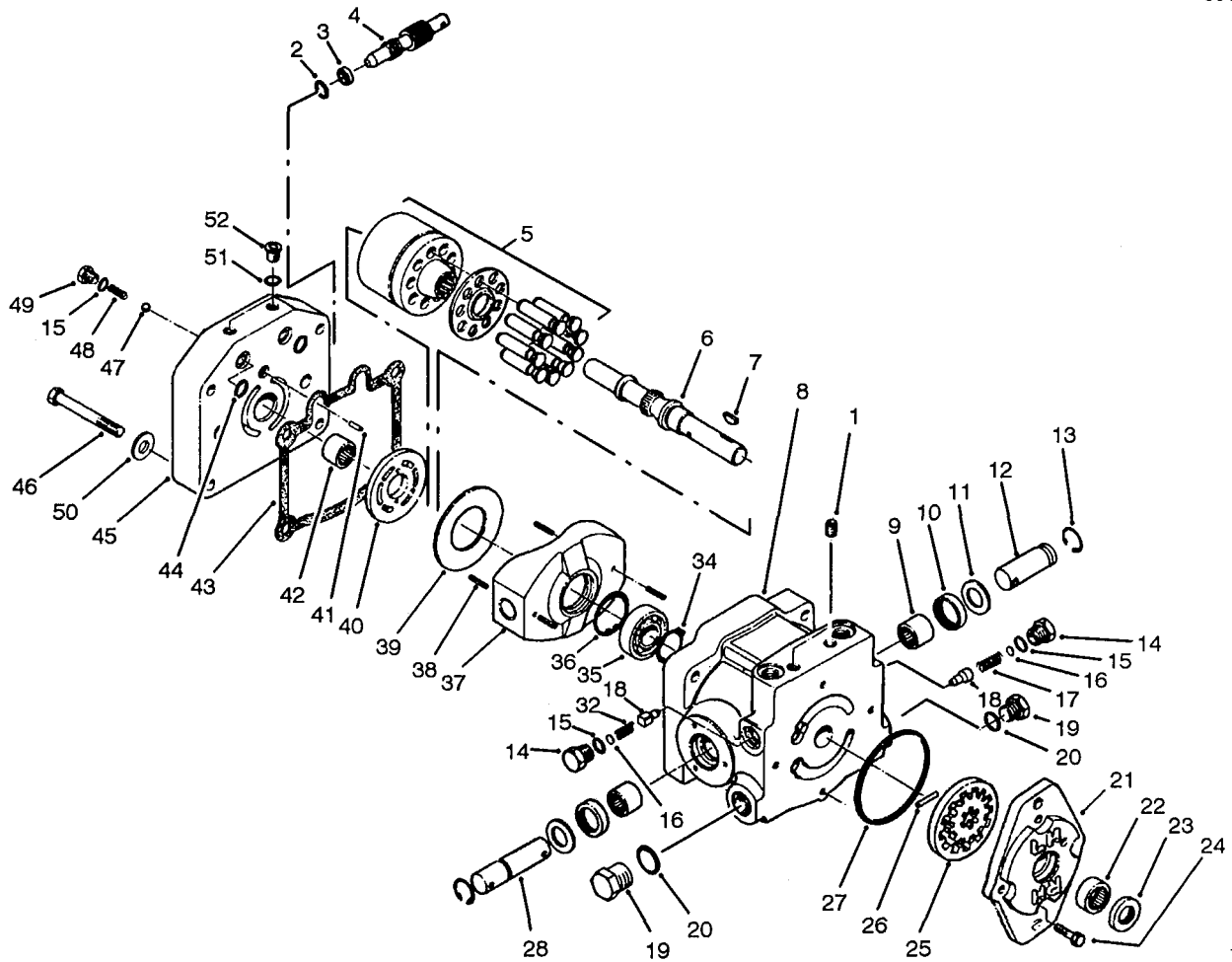


T-1809

HYDRAULIC PUMP ASSEMBLY NO. 92-9023

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	285-17	Plug - Pipe	6	24	322-4	Screw - Cap Hex. Hd.	4
2	237-22	O-Ring	1	25	25-2680	Gerotor Assembly	1
3	25-2630	Ring	1	26	25-2530	Pin - Straight	1
4	88-8220	Valve - By-Pass	1	27	237-95	O-Ring	1
5	48-1800	Cylinder Block Kit	1	28	28-3670	Shaft - Trunion	1
6	67-8020	Shaft - Pump	1	32	25-2480	Spring - Charge Relief	1
7	3257-32	Key - Woodruff	1	34	32120-15	Ring - Retaining	1
8	92-9023	Hydraulic Pump Assembly (Complete)	1	35	251-8	Bearing - Ball	1
9	252-82	Bearing - Needle	2	36	32120-11	Ring - Retaining	1
10	25-3210	Seal - Lip	2	37	25-2450	Swash/Plate	1
11	25-2510	Washer	2	38	32121-91	Pin - Coiled Spring	3
12	49-8480	Shaft - Trunion	1	39	25-2380	Plate - Thrust	1
13	32151-46	Ring - Retaining	2	40	25-2390	Plate - Valve	1
14	25-2460	Plug	2	41	25-2430	Pin - Straight	1
15	237-86	O-Ring	4	42	46-8400	Bearing - Needle	1
16	25-2470	Kit - Shim Pack	2	43	25-2400	Gasket	1
17	25-2570	Spring - Relief Valve	1	44	62-4290	O-Ring	2
18	83-7260	Cone - Relief Valve	2	45		Cap - Pump End	1
19	67-8030	Plug Assembly (Incl. Ref. #20)	2	46	323-11	Screw - Cap Hex. Hd.	4
20	67-8040	O-Ring	2	47	25-2490	Ball - Check Valve	2
21	92-7940	Housing - Charge Pump	1	48	25-2640	Spring - Check Valve	2
22	67-8050	Bearing - Needle	1	49	25-2650	Plug - Check Valve	2
23	67-8060	Seal - Lip	1	50	3256-24	Washer	1
				51	92-8777	Seal - O-Ring	2

*Not Illustrated



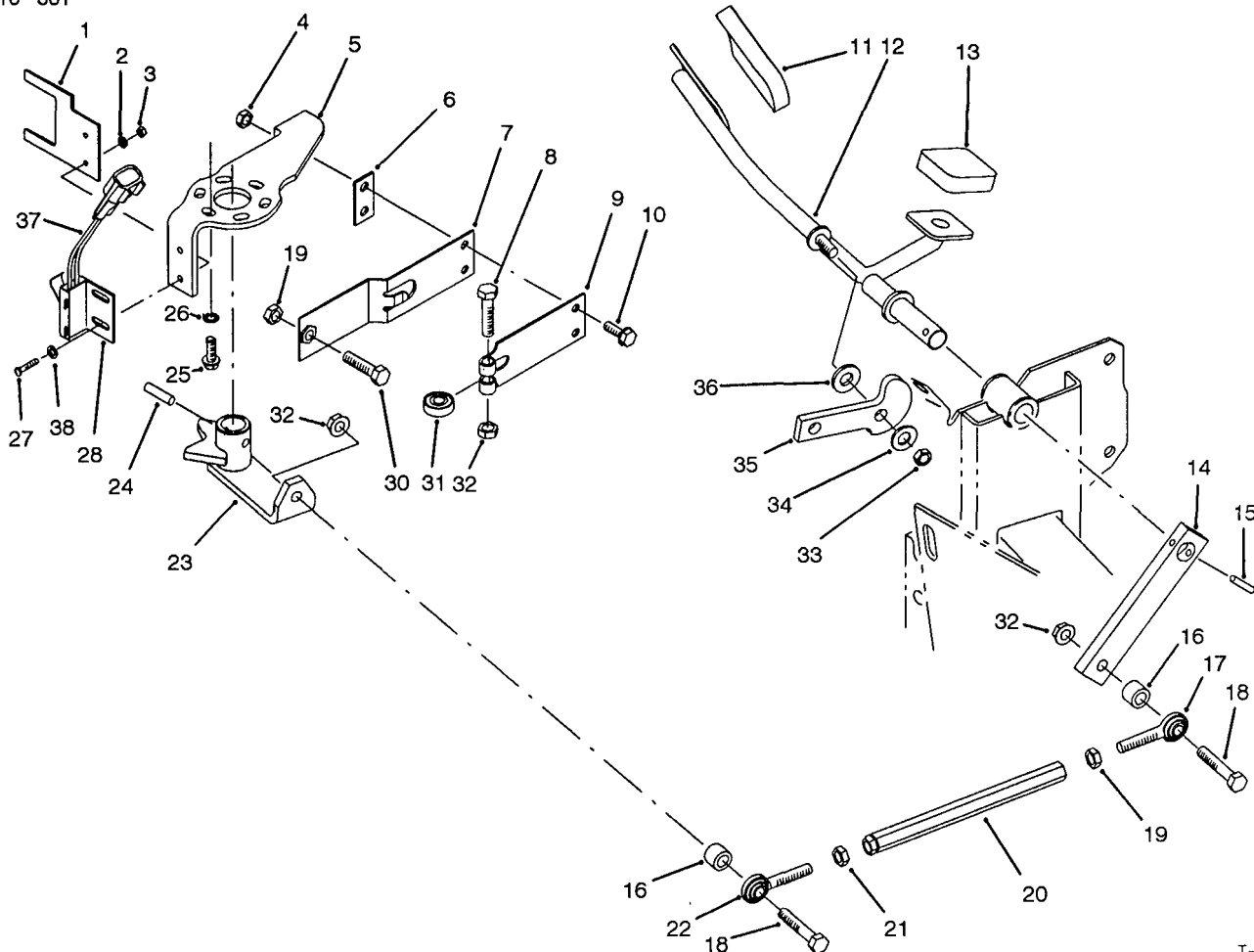
T-1809

HYDRAULIC PUMP ASSEMBLY NO. 92-9023 (Continued)

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

*Not Illustrated

3316-361

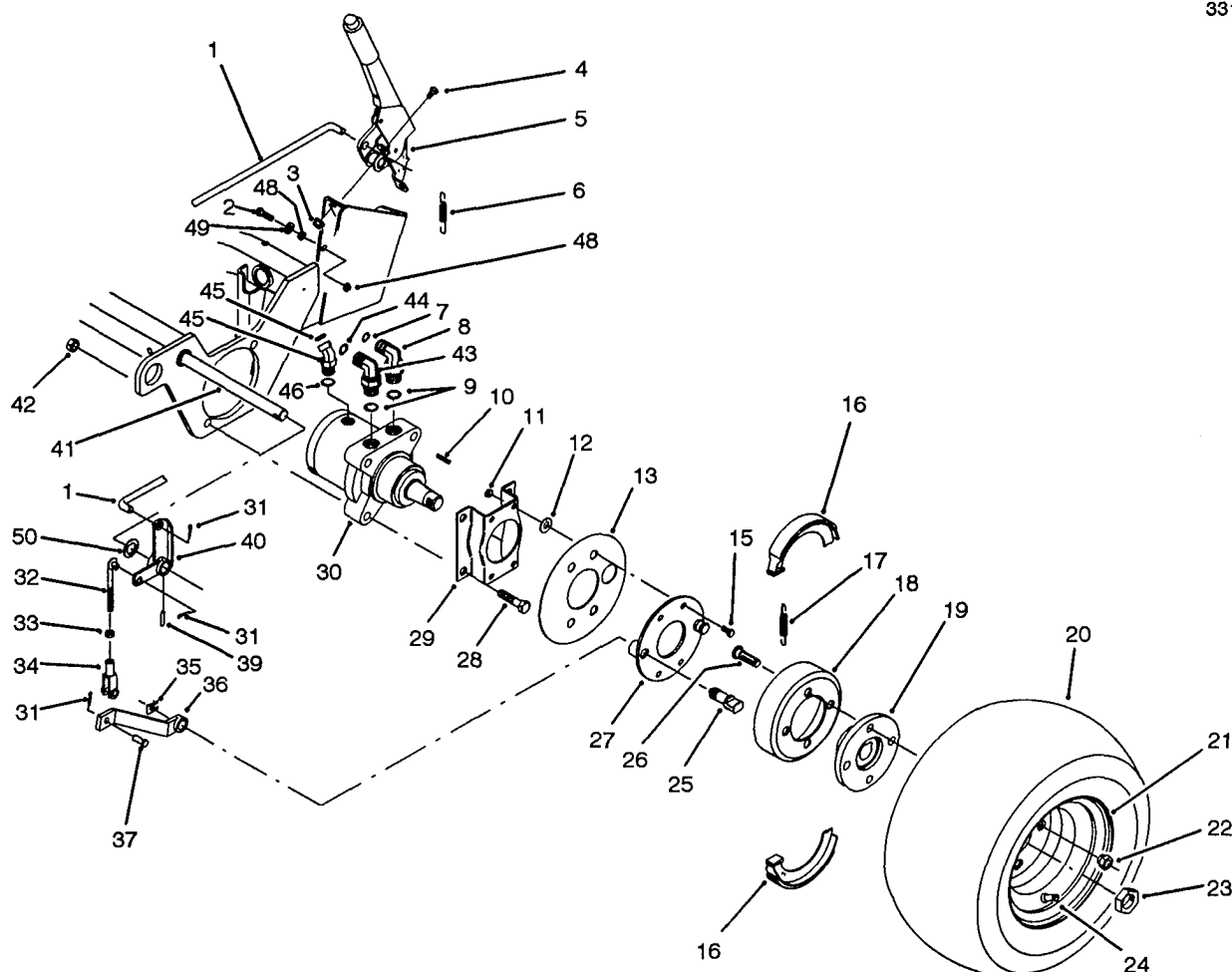


T-1355

TRACTION CONTROL ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
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	49-2040	Screw - Hex. Flange Hd.	3
26	3255-7	Washer - ETLW	3
27	3249-3	Screw - Round Hd.	2
28	92-7905	Switch Assembly (Incl. Ref. #37)	1
30	3210-7	Screw - Cap Hex. Hd.	1
31	251-259	Bearing - Ball	1
32	3296-29	Nut - Lock	3
33	3296-59	Nut - Lock	1
34	3256-24	Washer - Flat	1
35	74-6110	Cam - Stop	1
36	66-2920	Spacer	1
37	92-7906	Switch	1
38	3256-53	Washer - Flat	2

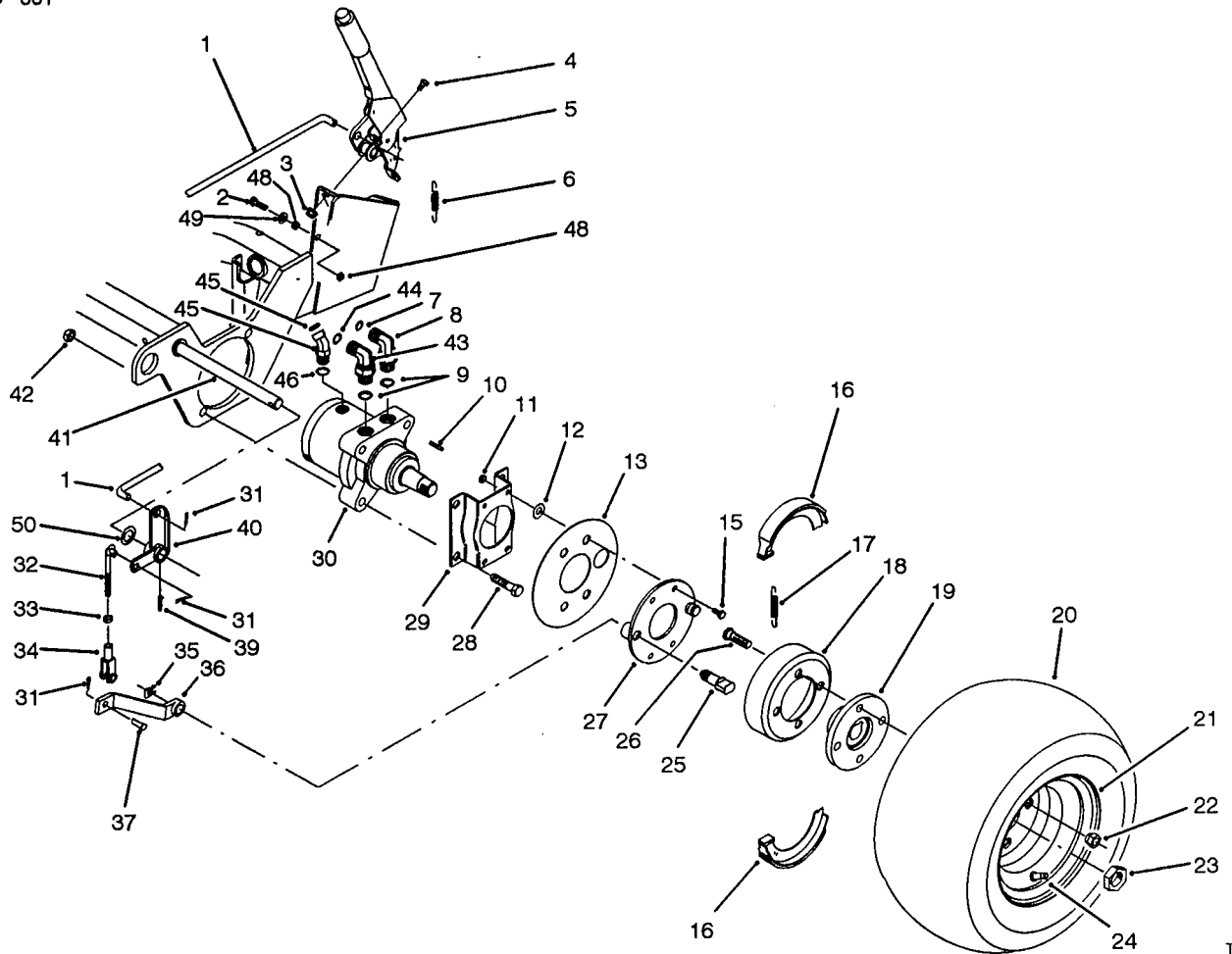


T-1356

FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	83-9350	Rod - Parking Brake	1	24	232-27	Valve - Stem	2
2	322-17	Screw - Cap Hex. Hd.	1	25	70-9860	Pin - Pivot Brake	2
3	32128-44	Nut - Lock	2	26	85-6540	Stud - Drive	8
4	3234-5	Screw - Hex. Washer Hd.	2	27	70-9870	Plate - Brake	2
5	61-3990	Parking Brake Assembly	1	28	325-11	Screw - Cap Hex. Hd.	8
6	5-7290	Spring - Extension	1	29	84-2000	Bracket - Brake	2
7	237-30	Seal - O-Ring	2	30	66-5291	Hydraulic Motor Assembly (Incl. Ref. #10)	2
8	340-105	Fitting - Hydraulic 90° (Incl. Ref. 7 & 9)	2	31	3272-6	Pin - Cotter	5
9	237-80	Seal - O-Ring	4	32	84-1990	Rod - Adjusting	2
10	3257-15	Key - Square	2	33	3220-2	Nut - Jam	2
11	3296-42	Nut - Lock	8	34	282-2	Clevis	2
12	3256-16	Washer - Flat	8	35	70-9850	Clip - Retaining	2
13	83-9340	Shield - Grass	2	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
23	26-3790	Nut - Lock	2				

*Not Illustrated



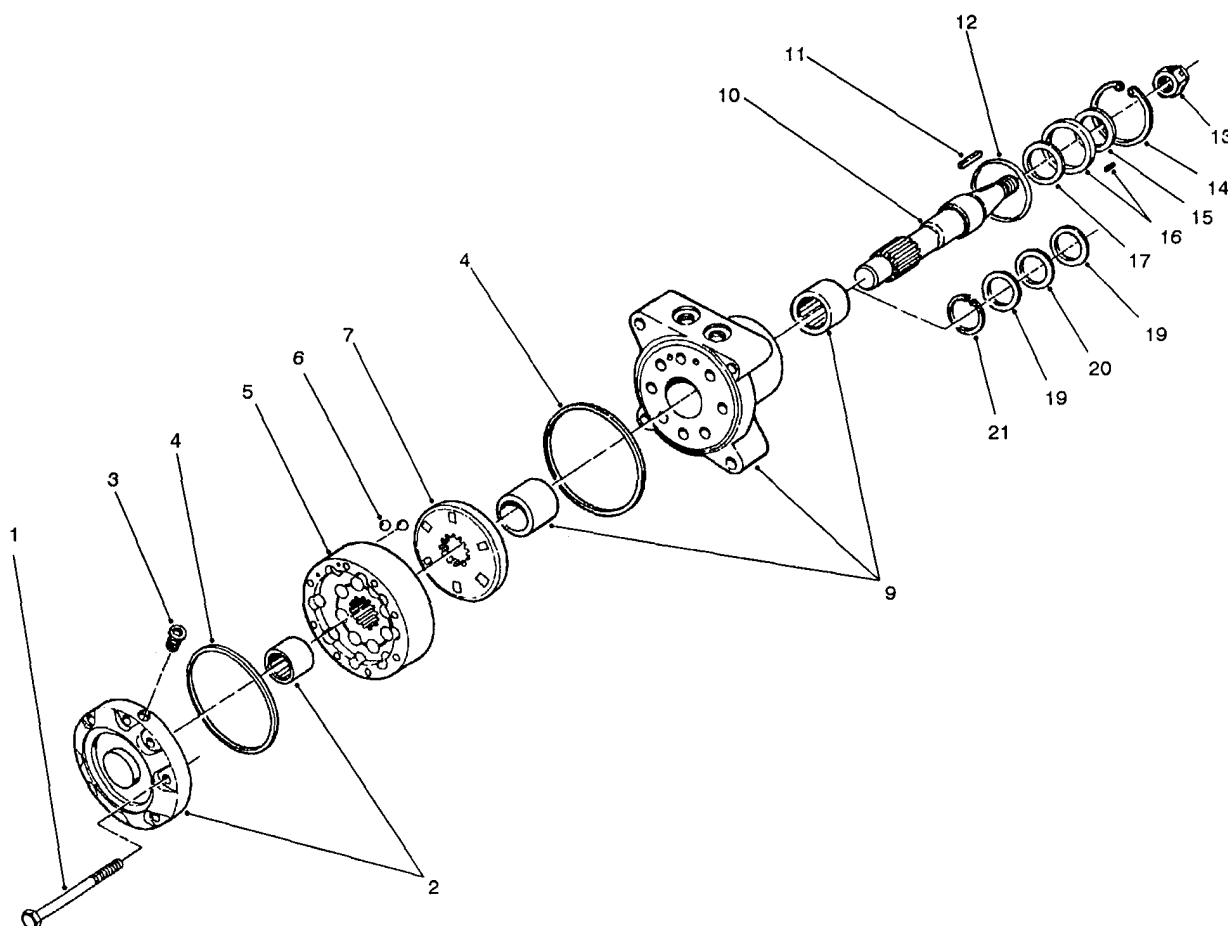
T-1356

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

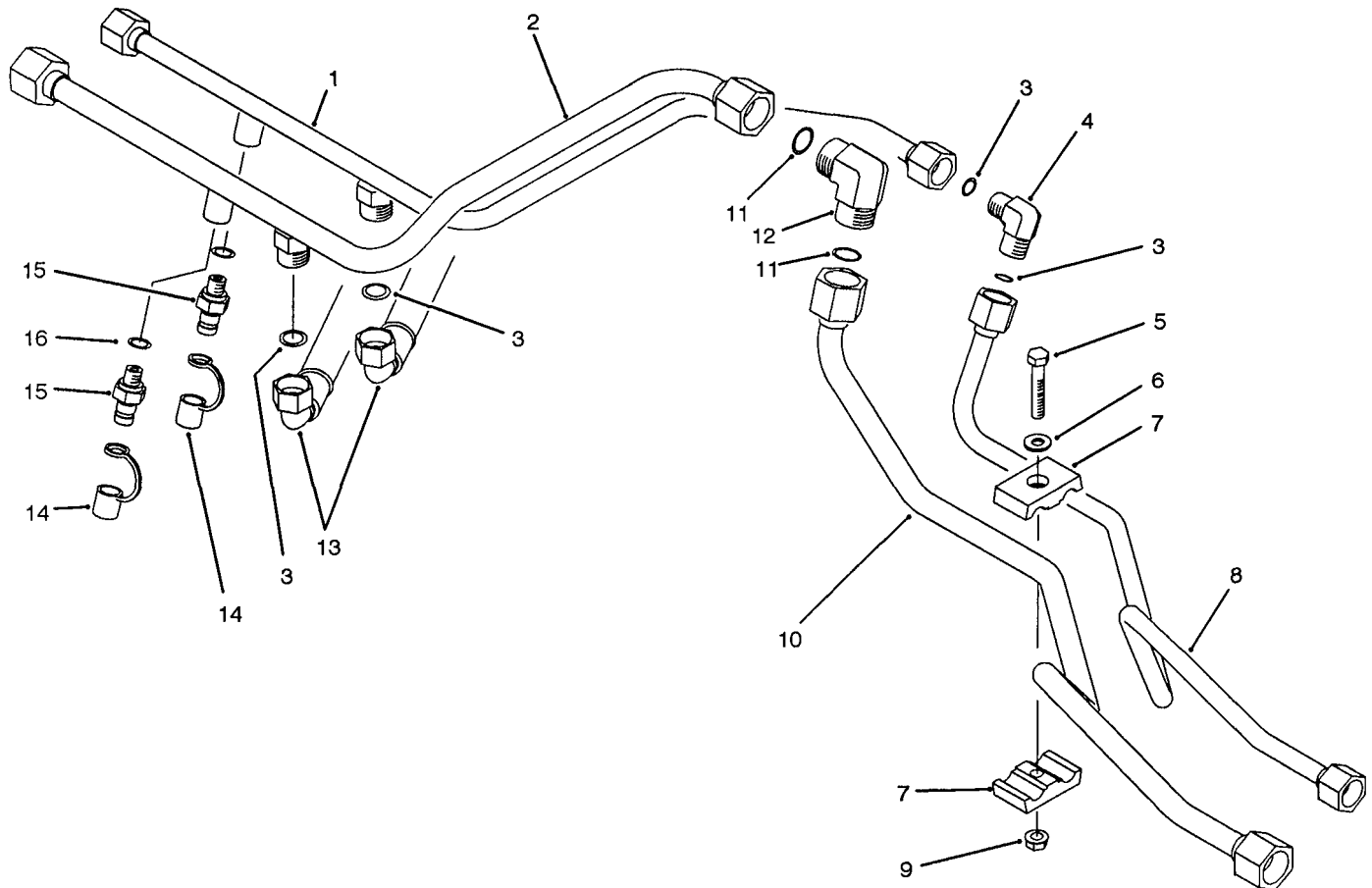
HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 66-5291

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	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.



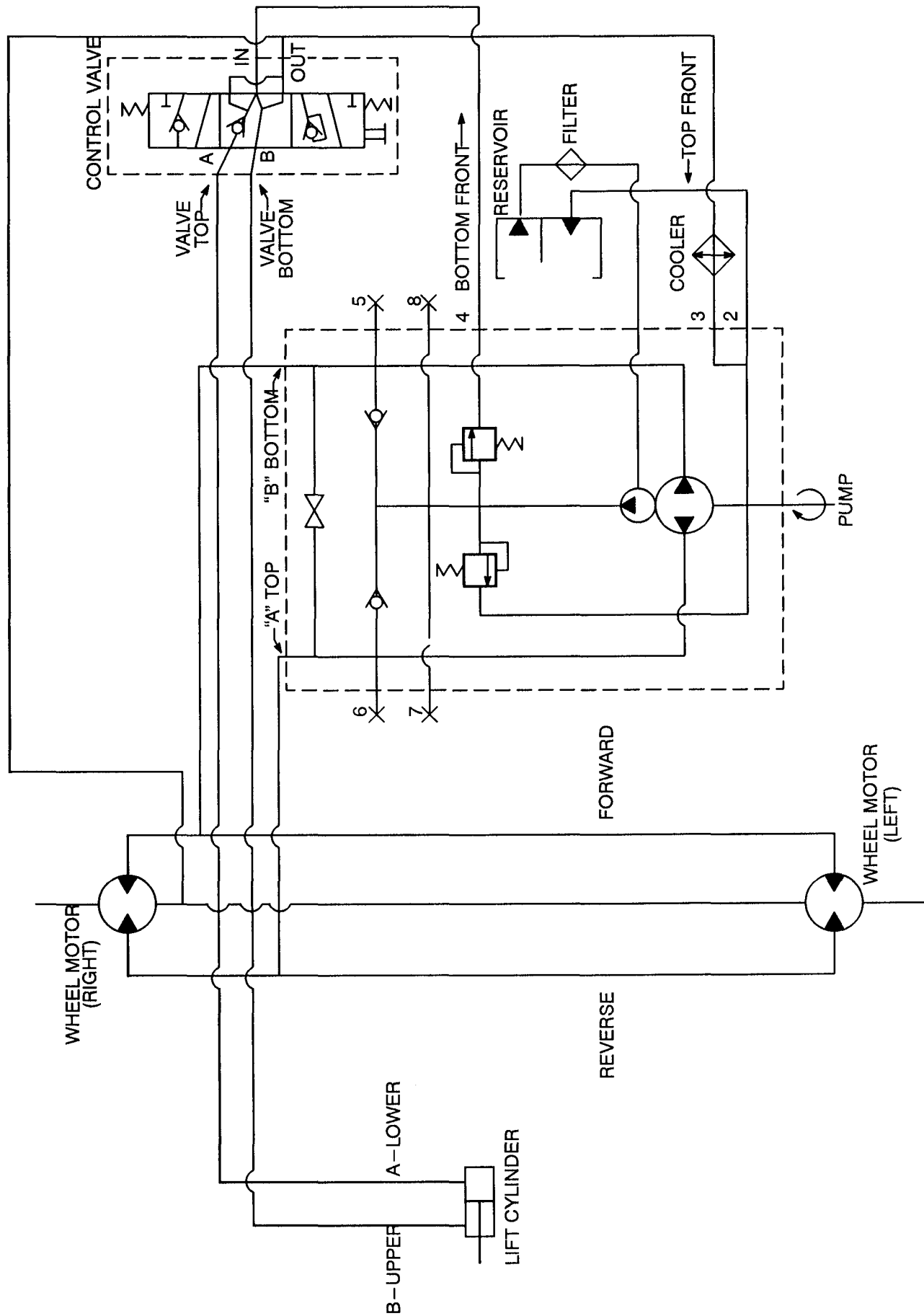
T-1357

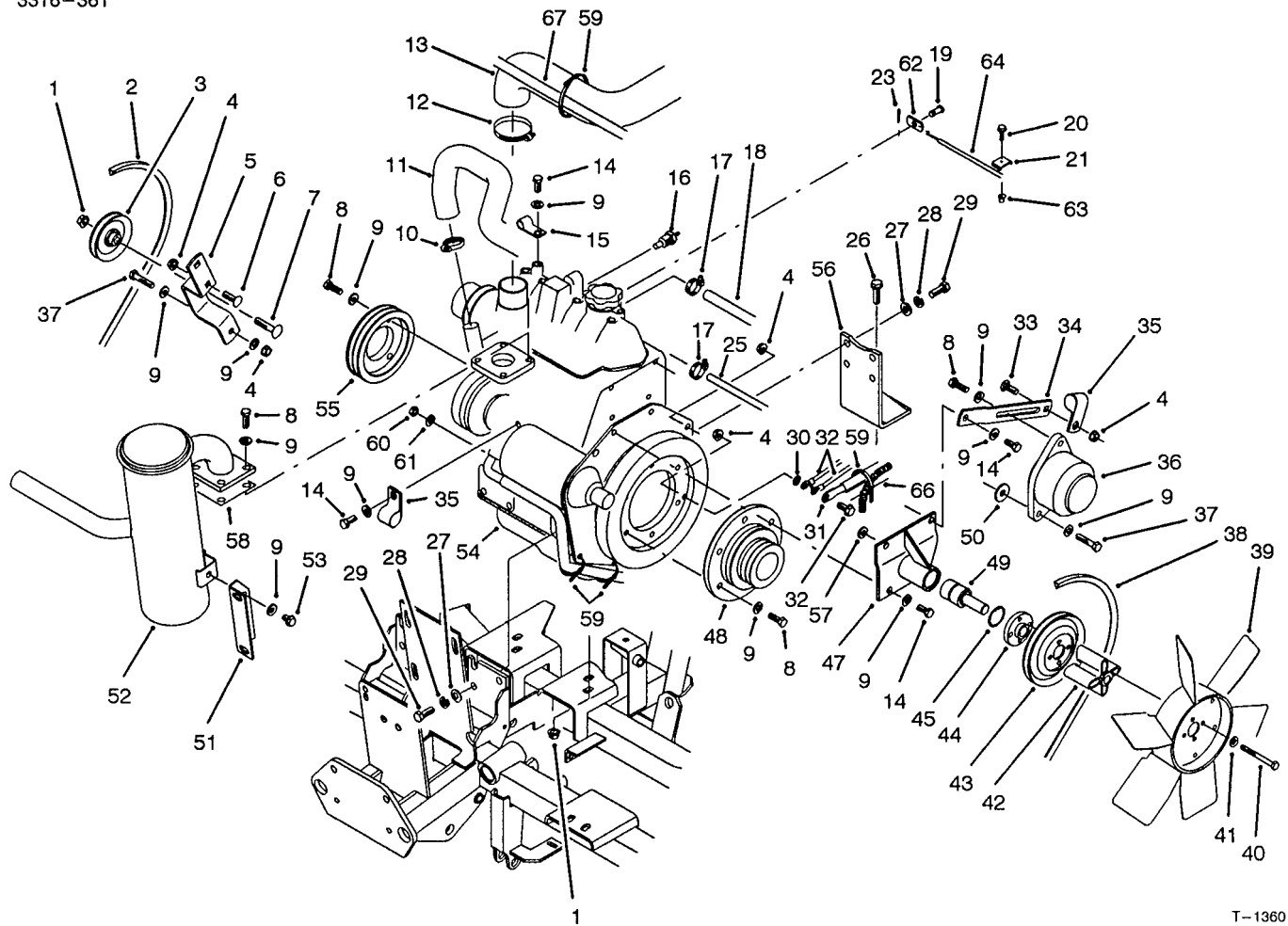
DRIVE MOTOR PLUMBING ASSEMBLY

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





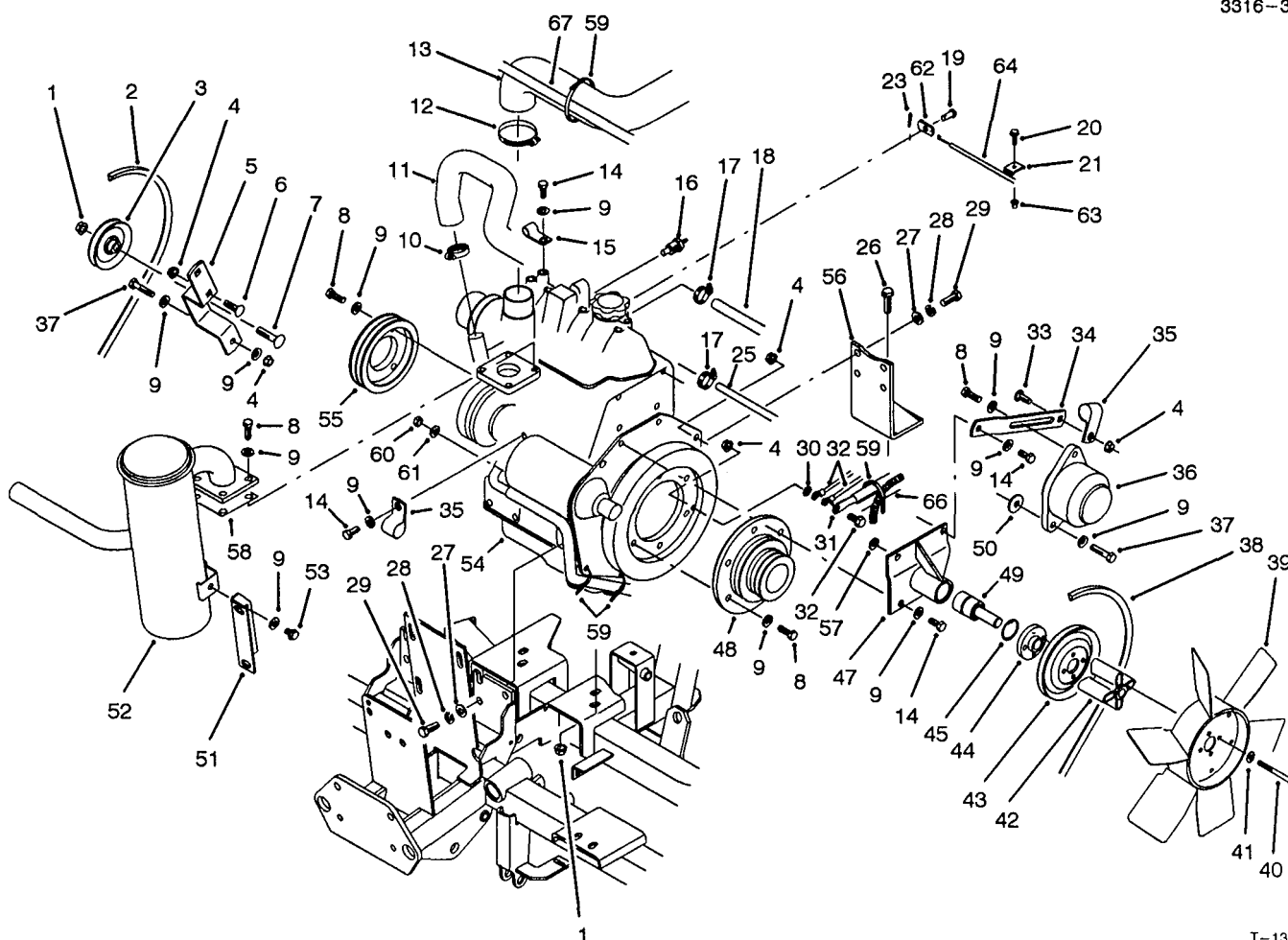
T-1360

ENGINE INSTALLATION ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
29	48-7780	Screw - Cap Hex. Hd.	16
30	3255-8	Washer - Lock E.T.L.W.	1
31	83-9210	Cable - Ground	1
32	3234-5	Screw - Hex. Washer Hd.	1
33	3230-1	Screw - Carriage	1
34	83-7700	Bracket - Alternator	1
35	2412-39	Clamp - R	2
†36	185046210	Alternator	1
37	322-7	Screw - Cap Hex. Hd.	2
38	83-9020	Belt - V	1
†39	145306380	Fan	1
40	321-14	Screw - Cap Hex. Hd.	4
41	48-8010	Washer - Flat	4
42	92-3181	Spacer - Fan	1
43	83-7630	Pulley - Fan	1
44	83-7610	Hub - Fan	1
45	32120-10	Ring - Retaining	1
47	83-9880	Bracket - Fan Spindle	1
48	92-3198	Pulley - Engine	1
49	36-7290	Spindle - Fan	1
50	62-9510	Washer - Flat	1
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

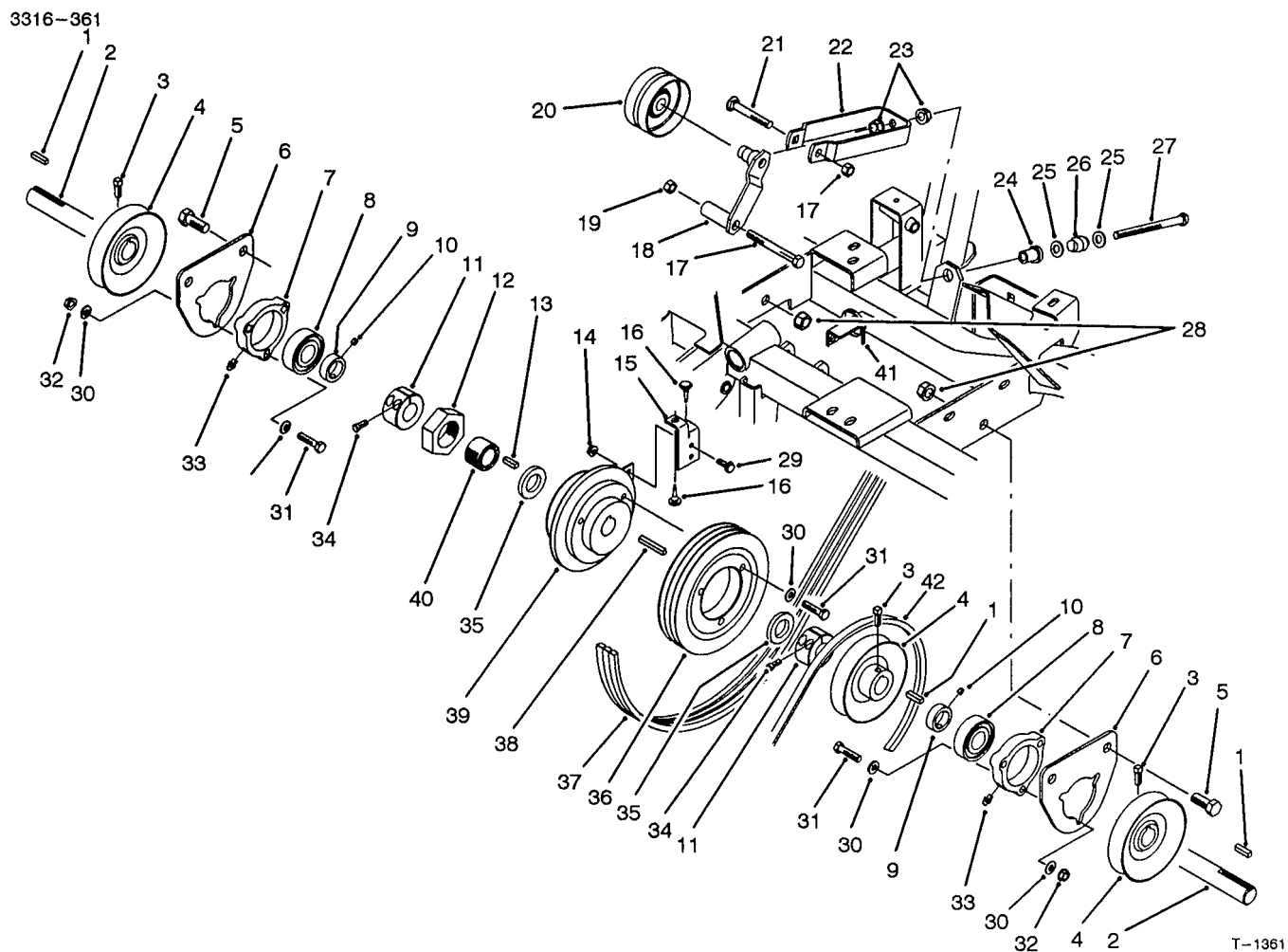
†Obtain from your local Perkins Dealer.



T-1360

ENGINE INSTALLATION ASSEMBLY (Continued)

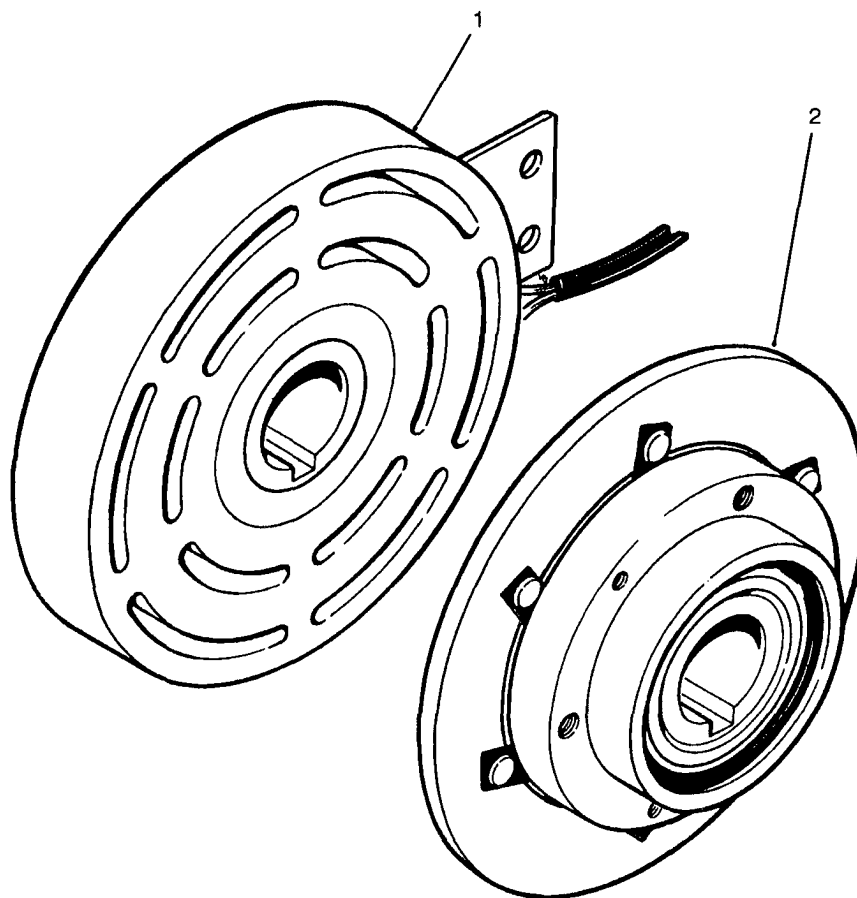
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
56	83-8470	Bracket - Engine Mount	2	62	92-3154	Tab - Throttle	1
57	65-8270	Washer	1	63	32148-14	Insert - Threaded	1
58	83-9910	Gasket - Muffler	1	64	92-3153	Cable - Throttle	1
59	3290-379	Tie - Cable	4	65	92-7910	Harness - Wire	1
60	57-6390	Nut	1	66	83-9220	Cable - Battery Pos.	1
61	42-9850	Washer	1	67	92-1177	Hose - Hydraulic	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	92-3185	Support - Bearing	2
7	76-2460	Bearing Assembly (Incl. Ref. #7-10 & 33)	2
8	251-337	Bearing - Ball	2
9	251-77	Collar - Locking	2
10	3245-35	Screw - Set	4
11	83-7790	Collar	2
12	3218-17	Nut - Jam	1
13	10-7070	Key - Square	1
14	32128-33	Nut - Flange Lock	2
15	83-7830	Retainer - Clutch	1
16	240-13	Bumper	2
17	3296-39	Nut - Lock	2
18	83-8620	Bracket - Idler	1
19	323-15	Screw - Cap Hex. Hd.	1
20	83-8400	Pulley - Idler	1
21	3231-31	Bolt - Carriage	1

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

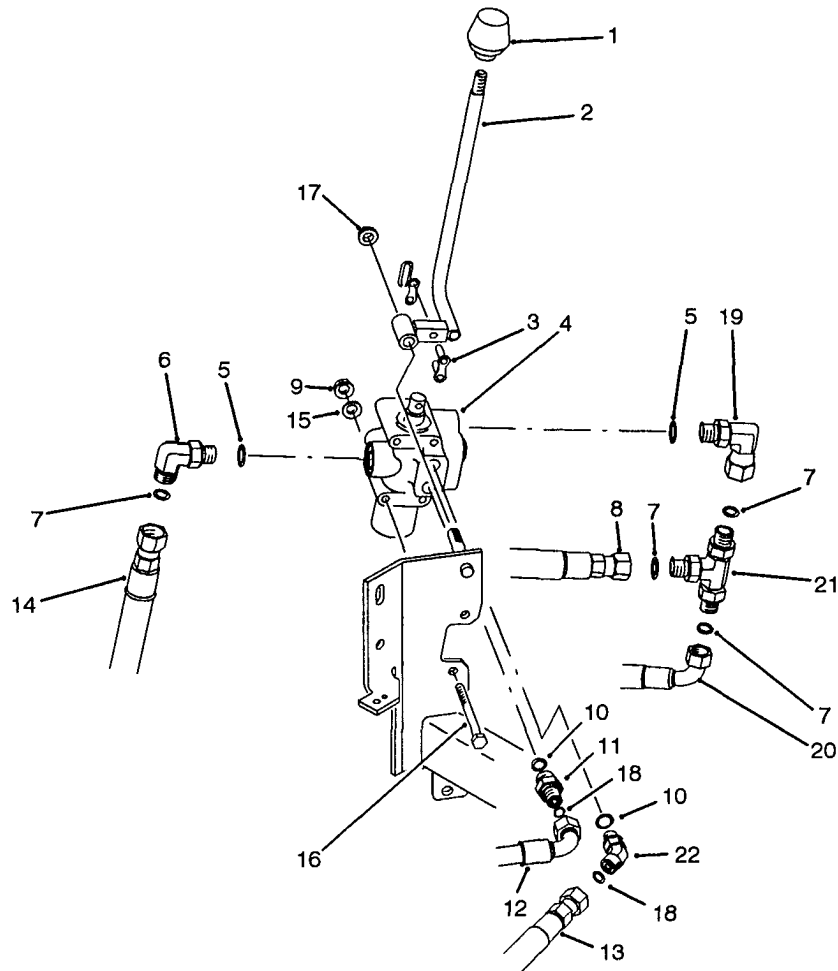


T-1362

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

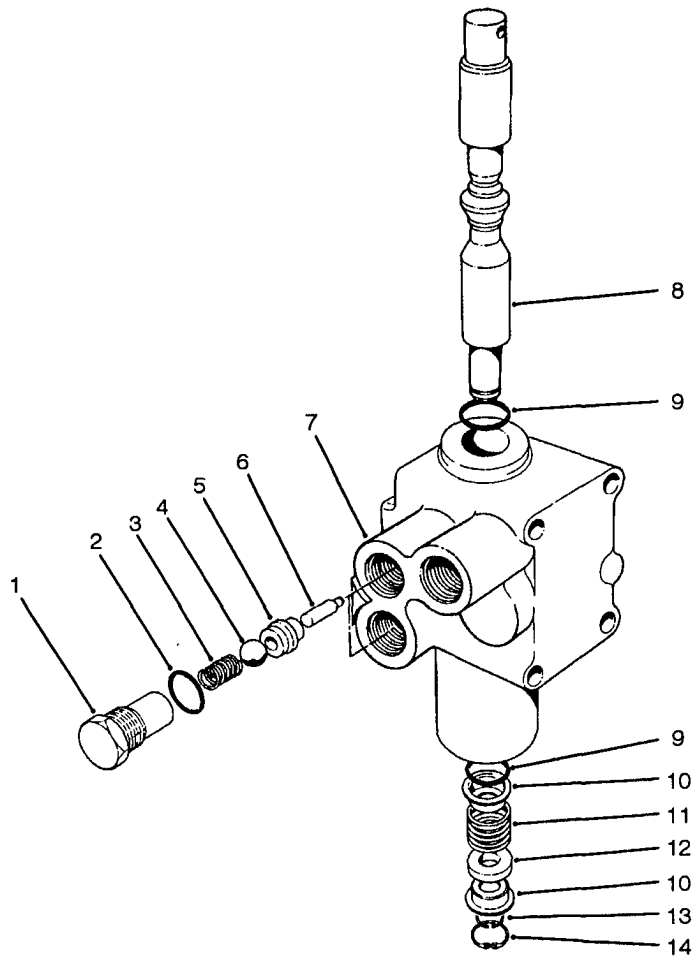


T-1376

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

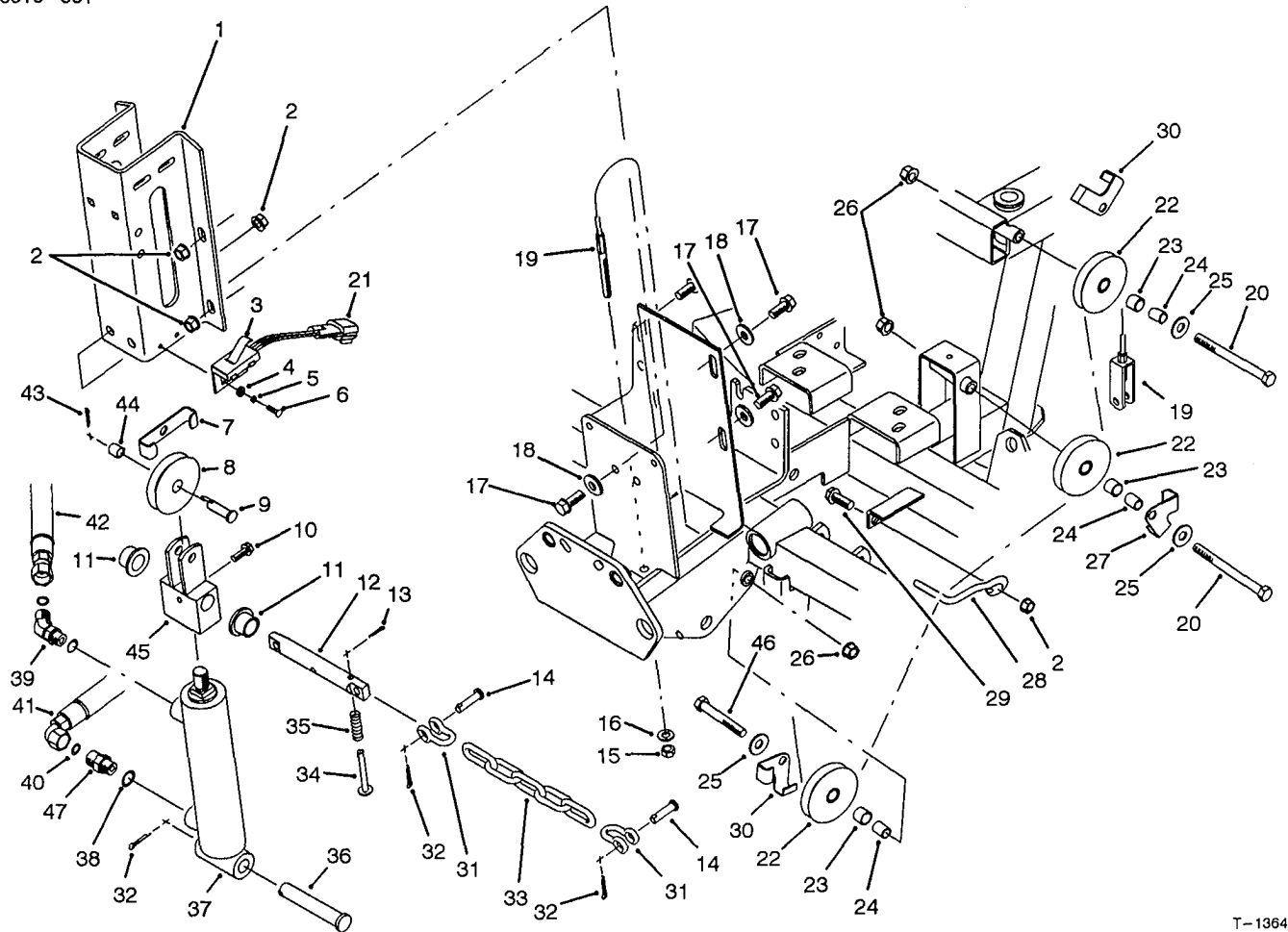


T-0280

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

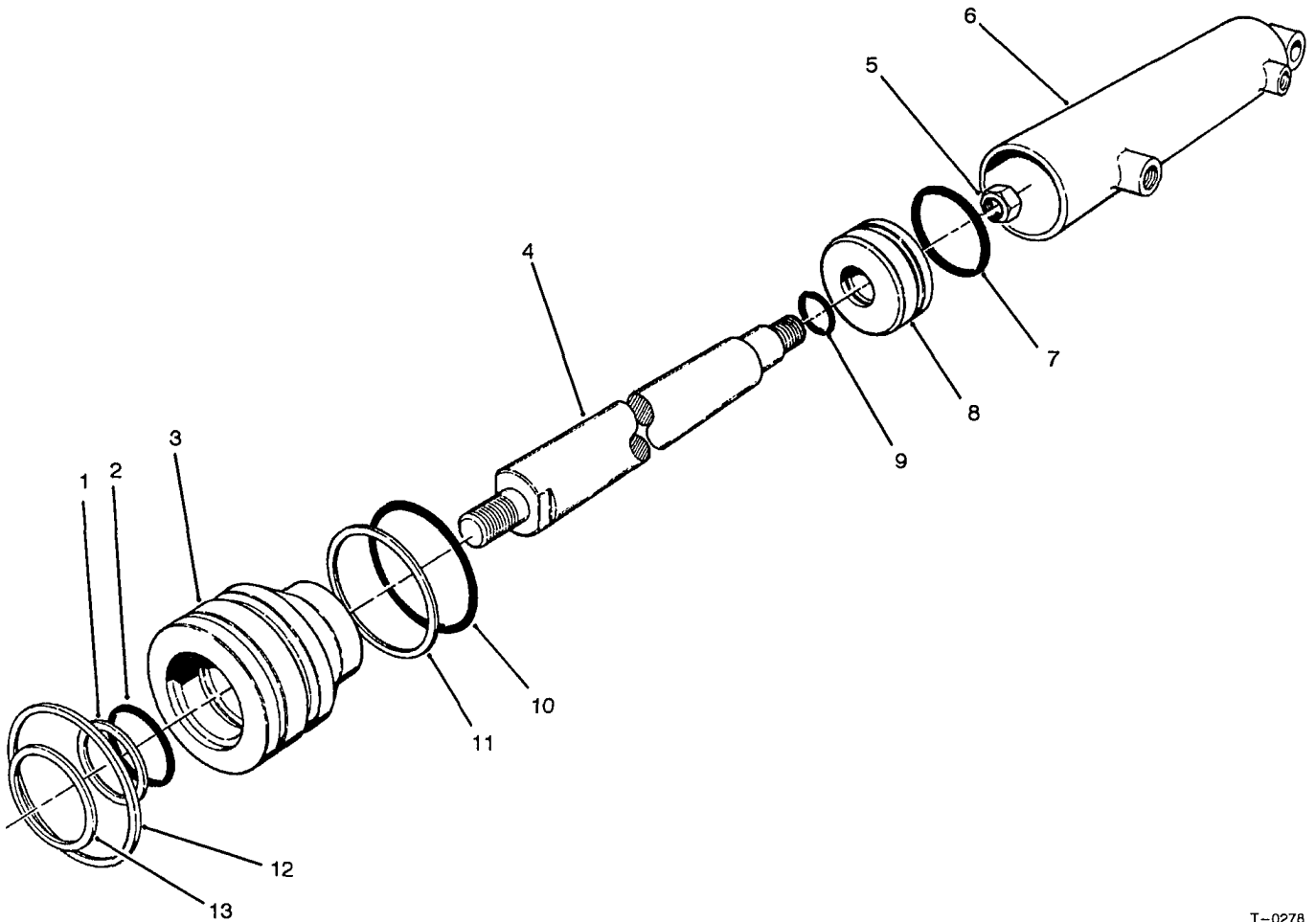


T-1364

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	92-9705	Switch Assembly (Incl. Ref. #21)	1
4	3256-23	Washer - Flat	2
5	3254-9	Washer - Lock Internal	2
6	3249-3	Screw - Round Hd.	2
7	5-2655	Keeper - Cable	1
8	5-2653	Cable Pulley Assembly (Incl. Ref. #44)	1
9	283-42	Pin - Clevis	1
10	3234-4	Screw - Hex. Washer Hd.	1
11	84-8440	Bushing - Flange	2
12	72-4190	Pin - Cylinder Guide	1
13	3272-4	Pin - Cotter	1
14	283-6	Pin - Clevis	4
15	3296-4	Nut - Lock	1
16	3256-23	Washer - Flat	1
17	3234-25	Screw - Hex. Washer Hd.	5
18	80-6990	Washer	4
19	83-8590	Cable - Lift	1
20	323-23	Screw - Cap Hex. Hd.	2
21	92-9706	Switch	1
22	61-3210	Cable Pulley Assembly (Incl. Ref. #23)	3
23	256-1	Bushing - Sleeve	3

Ref. No.	Part No.	Description	No. Used
24	61-3230	Spacer	3
25	3256-24	Washer - Flat	3
26	3296-39	Nut - Flange Lock	3
27	83-9130	Keeper - Cable	1
28	63-1400	Guide - Cable	1
29	3234-11	Screw - Hex. Washer Hd.	1
30	5-2656	Keeper - Cable	2
31	282-4	Clevis	4
32	3272-11	Pin - Cotter	5
33	61-3830	Chain - Lift	2
34	71-1380	Pin - Spring	1
35	71-1370	Spring - Compression	1
36	283-78	Pin - Clevis	1
37	76-0020	Hydraulic Cylinder Assembly	1
38	237-42	Seal - O-Ring	2
39	340-87	Fitting - Hydraulic 45° (Incl. Ref. #38 & 40)	1
40	237-22	Seal - O-Ring	2
41	85-5310	Hose - Hydraulic	1
42	83-9620	Hose - Hydraulic	1
43	3272-6	Pin - Cotter	1
44	61-2430	Hub - Lift	1
45	256-2	Bushing - Sleeve	1
46	323-13	Screw - Cap Hex. Hd.	1
47	340-2	Fitting - Hydraulic Straight (Incl. Ref. #38 & 40)	1



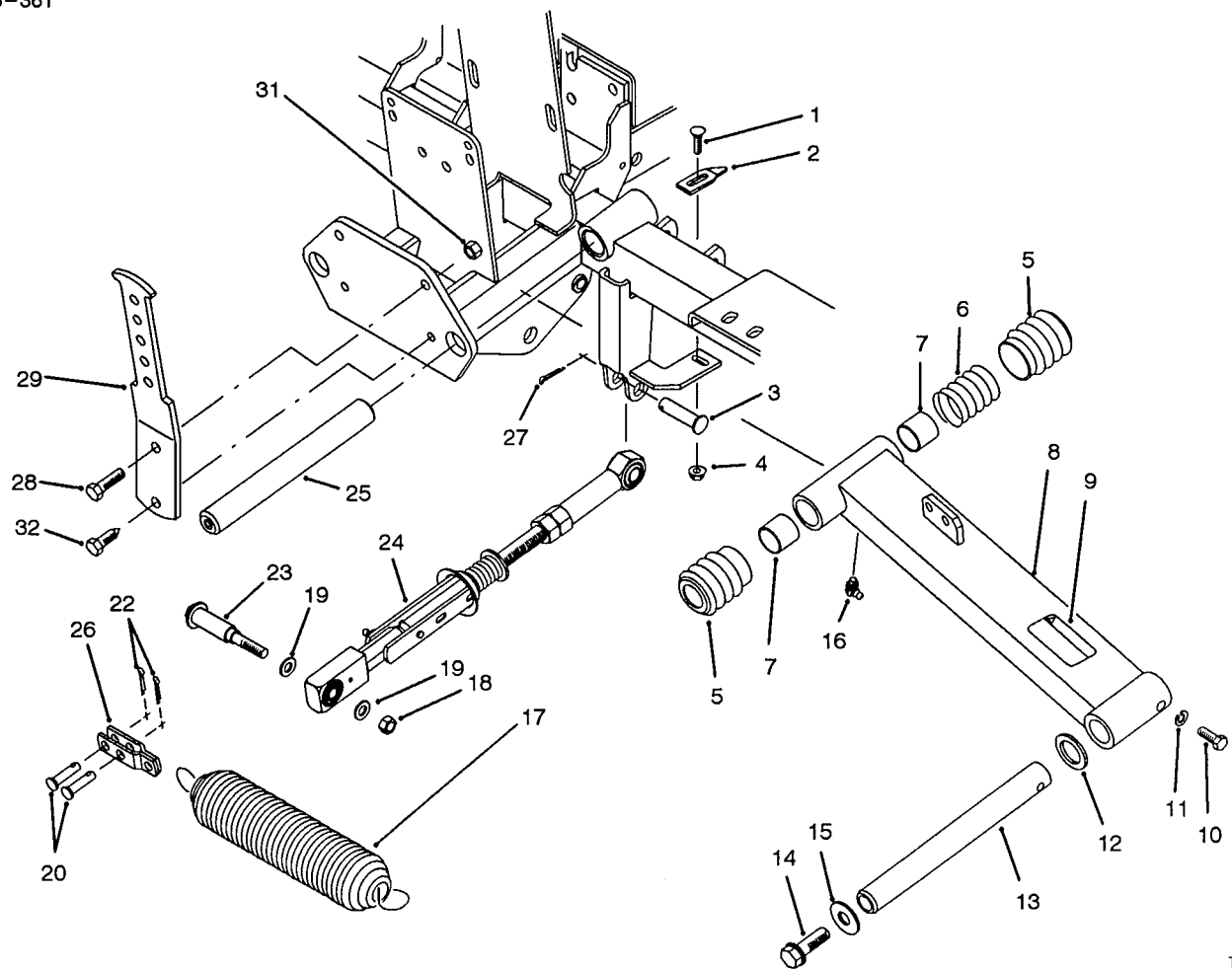
T-0278

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

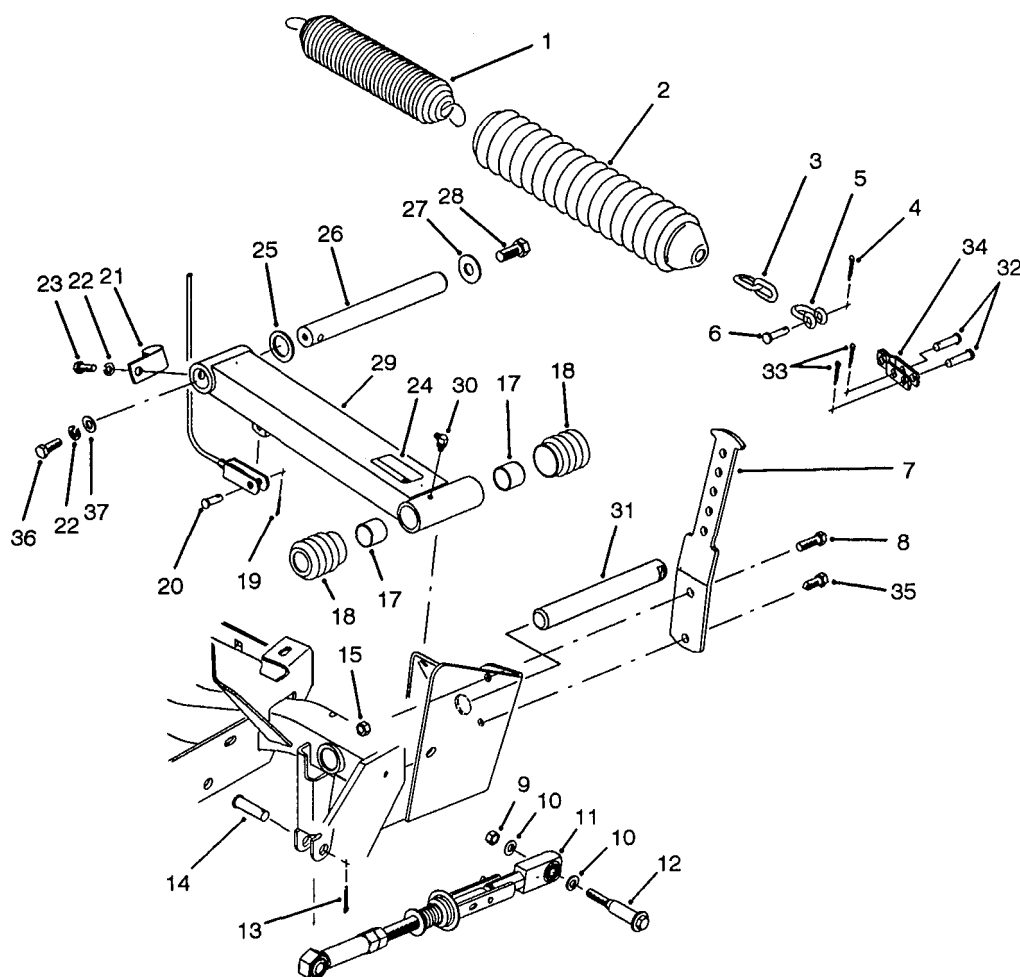
FRONT CUTTING UNIT LIFT ARM ASSEMBLY

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	16-1159	Lift Arm Assembly L.H. (Incl. Ref. #7, 9 & 16)	1
*	16-1169	Lift Arm Assembly R.H. (Incl. Ref. #7, 9 & 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.

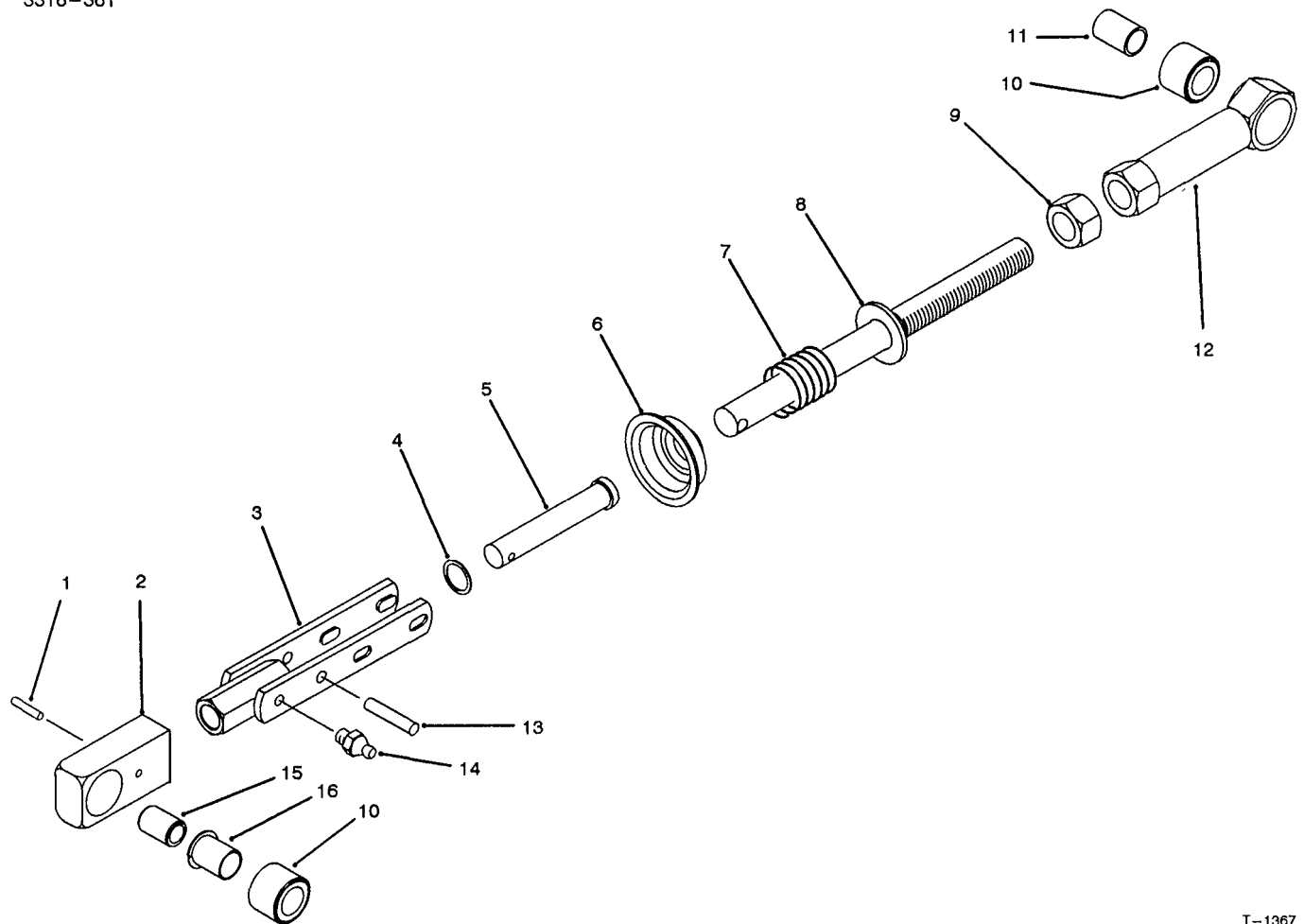


T-1366A

REAR CUTTING UNIT LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	5-0743	Spring - Extension	1	21	18-2970	Clamp - R	1
2	62-7240	Cover - Spring	1	22	3253-4	Washer - Lock	2
3	62-7300	Chain	1	23	322-4	Screw - Cap Hex. Hd.	1
4	3272-11	Pin - Cotter	1	‡24	55-4300	Decal - Warning	1
5	282-4	Clevis	1	25	256-115	Washer - Thrust	1
6	283-6	Pin - Clevis	1	26	92-1815	Rod - Pivot	1
7	92-1818	Arm - Tension	1	27	3256-6	Washer - Flat	1
8	323-7	Screw - Cap Hex. Hd.	1	28	3234-32	Screw - Cap Hex. Hd.	1
9	3296-59	Nut - Lock	2	29	16-1089	Lift Arm Assembly (Incl. Ref. #17, 24 & 30)	1
10	3256-45	Washer - Flat	4	30	302-60	Fitting - Grease	1
11	83-7900	Belt Tensioner Assembly	2	31	92-1812	Shaft - Lift Pivot	1
12	76-0370	Bolt - Shoulder	2	32	283-75	Pin - Clevis	2
13	3272-13	Pin - Cotter	2	33	3272-10	Pin - Cotter	2
14	283-40	Pin - Clevis	2	34	92-1822	Shackle	1
15	3296-39	Nut - Lock	1	35	32104-6	Screw - Cap Hex. Hd.	1
17	3-0348	Bushing - Sleeve	2	36	322-26	Screw - Cap Hex. Hd.	1
18	62-7250	Boot	2	37	3256-57	Washer - Flat	1
19	3272-6	Pin - Cotter	1				
20	283-1	Pin - Clevis	1				

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

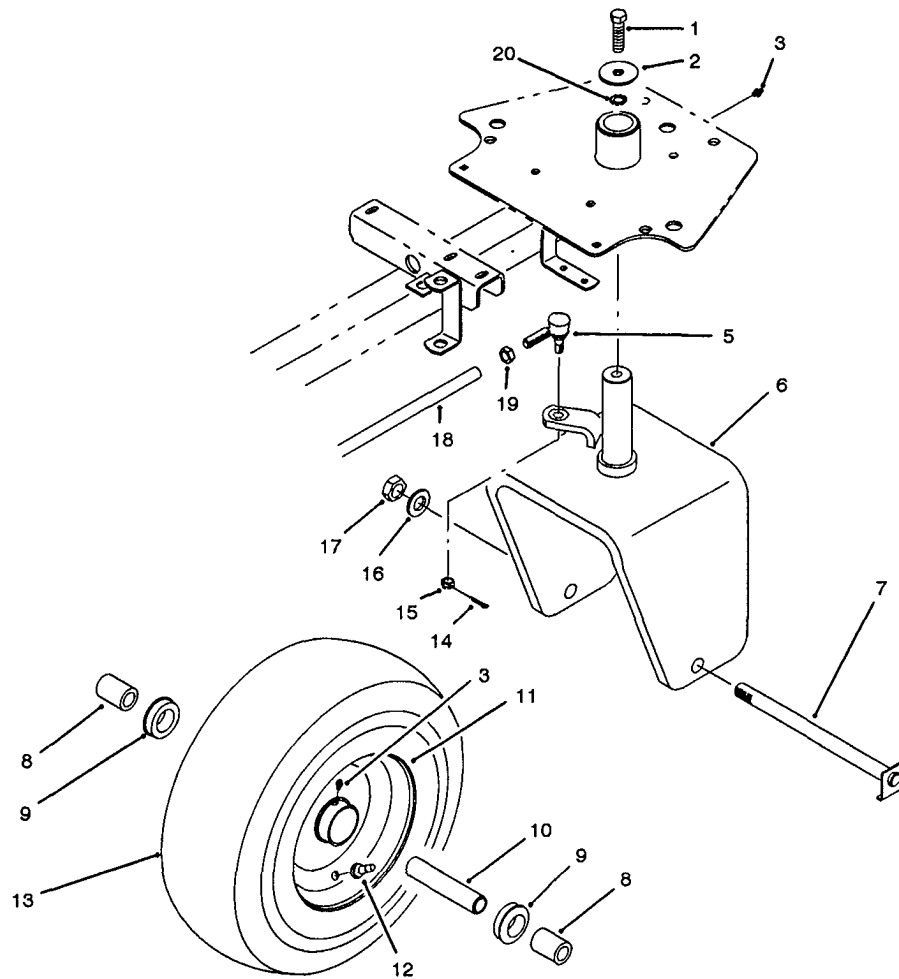


T-1367

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

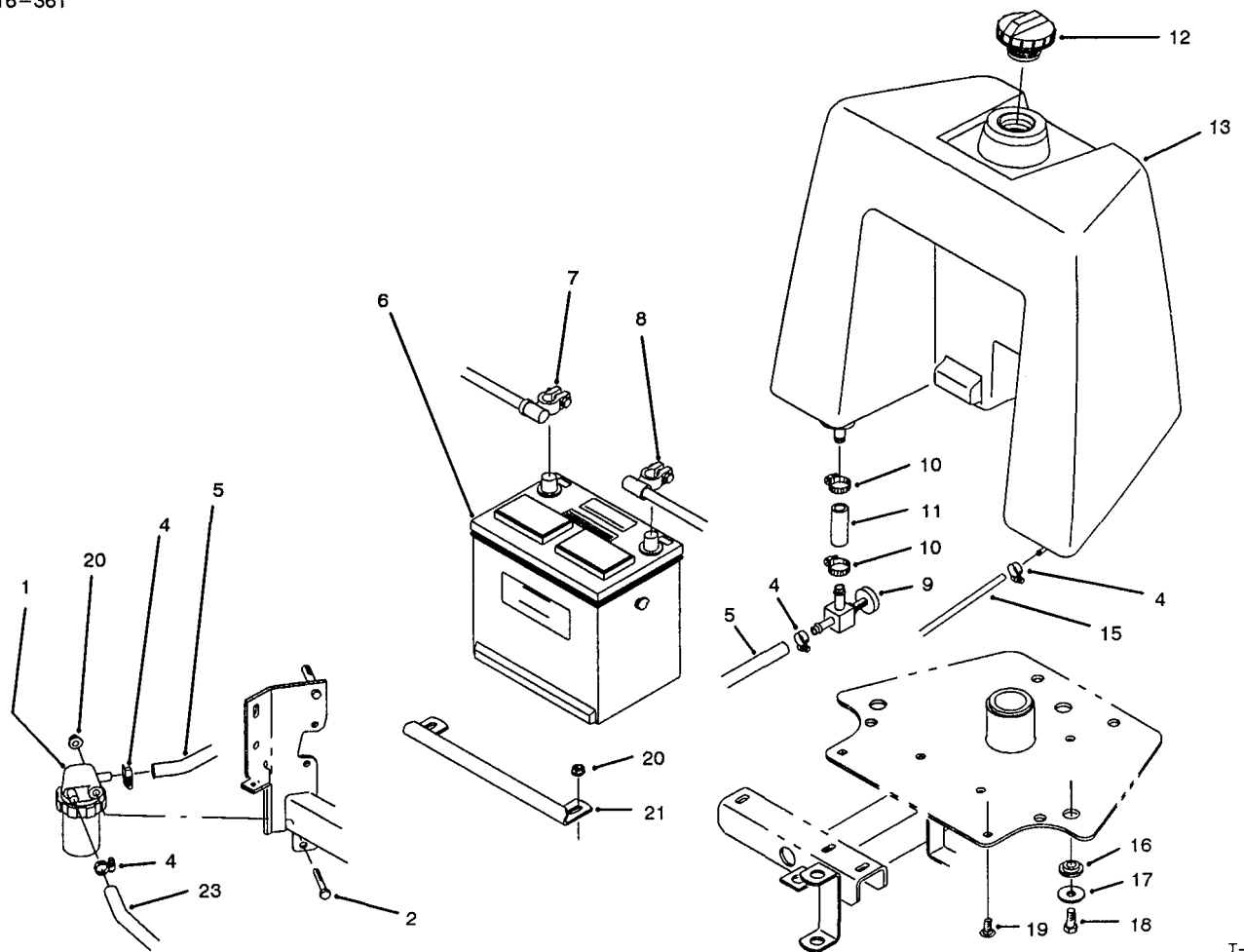
Ref. No.	Part No.	Description	No. Used
9	3218-6	Nut - Jam	1
10	56-9510	Bushing Assembly	2
11	256-173	Bushing - Sleeve	1
12	76-0300	Housing - Bushing	1
13	32121-9	Pin - Roll	1
14	302-5	Fitting - Grease	1
15	76-0390	Spacer	1
16	56-9520	Bushing - Nyliner	1



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

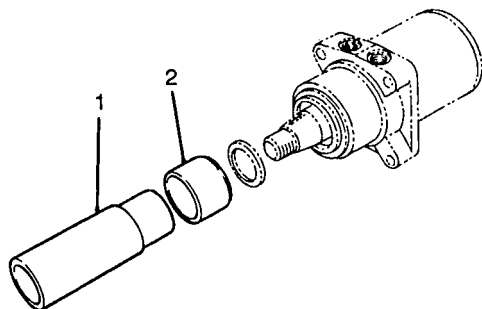
Ref. No.	Part No.	Description	No. Used
†1	130366040	Fitter – Fuel	1
2	321-12	Screw – Cap Hex. Hd.	1
4	2412-108	Clamp – Hose	4
5	63-7620	Hose – Fuel	1
6	83-9000	Battery	1
7	83-9220	Cable – Battery Pos.	1
8	83-9210	Cable – Battery Neg.	1
9	56-2520	Valve – Fuel Shut-Off	1
10	2412-36	Clamp – Hose	2
11	56-2230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

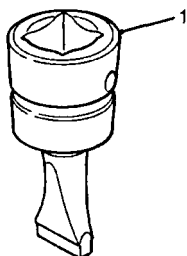
DRIVE MOTOR SEAL INSTALLATION TOOL NO. *19-2660



T-0728

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

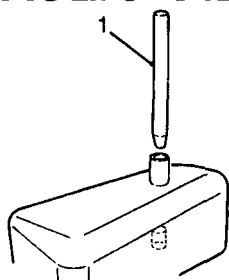
BEDKNIFE SCREW TOOL NO. *TOR510880



T-0729

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

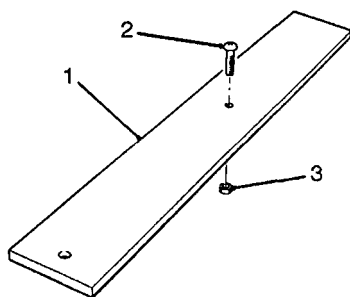
HYDRAULIC OIL RESERVOIR PLUG NO. *88-9220



T-1213

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

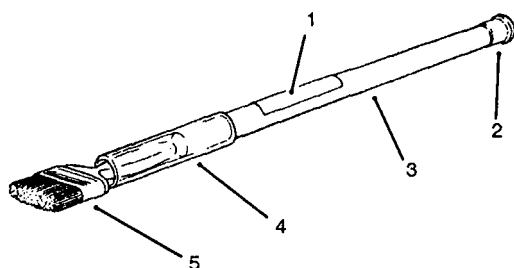
GAUGE BAR ASSEMBLY NO. *TOR138199



T-1151

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

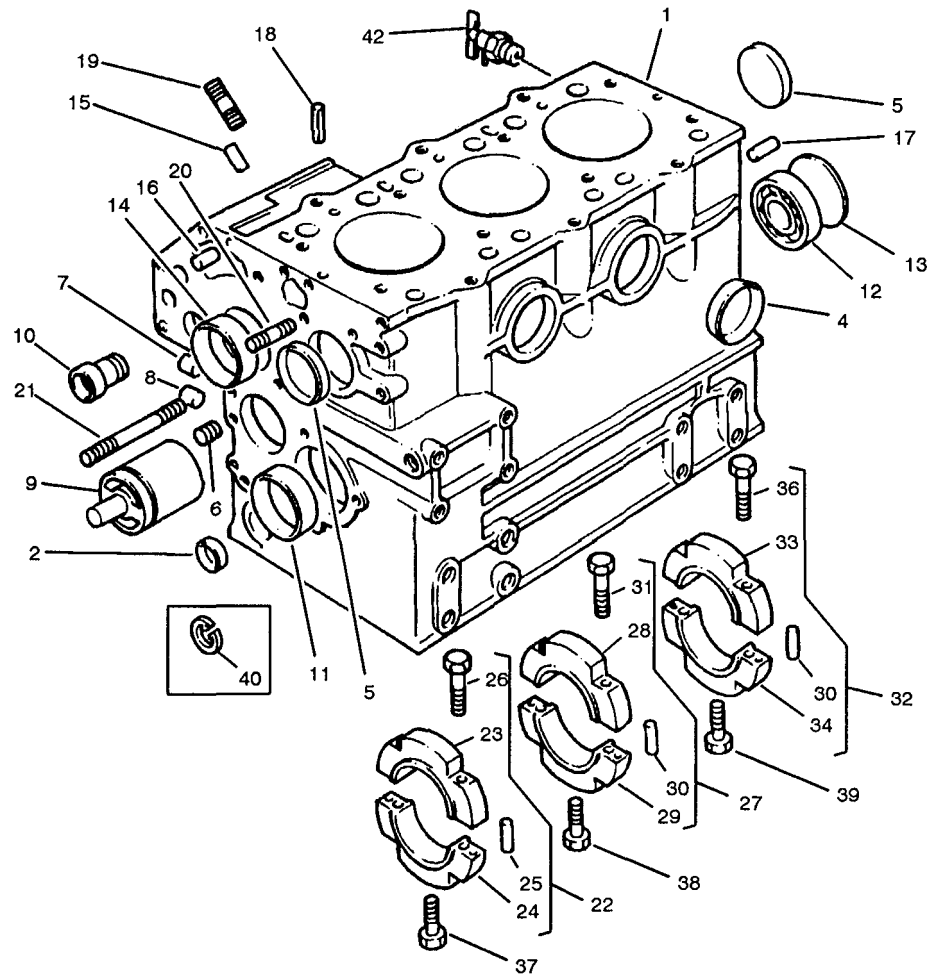
BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



T-0731

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

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



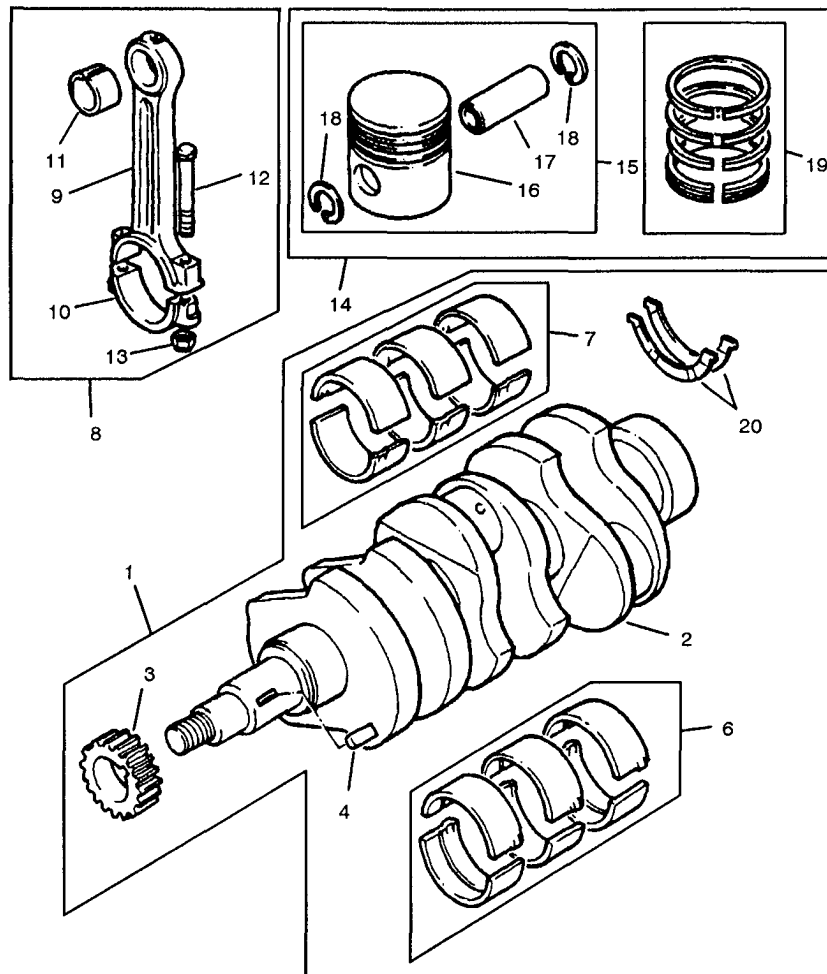
T-1377

CYLINDER BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	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



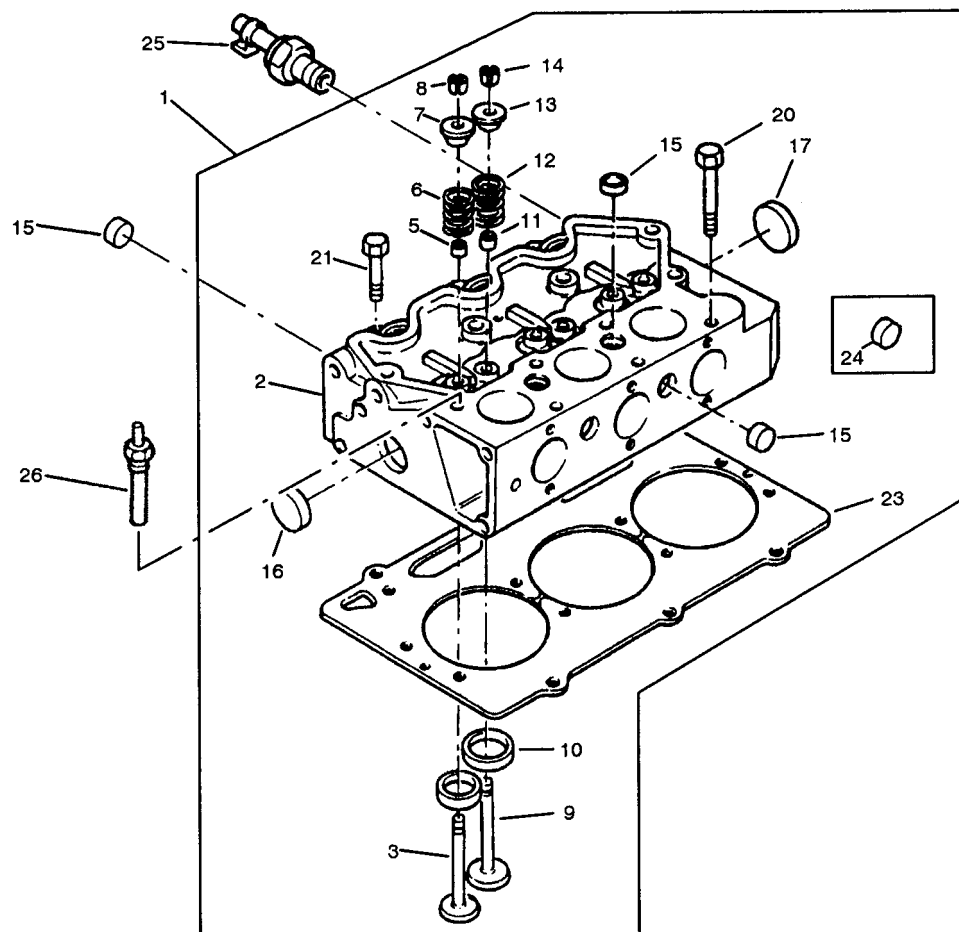
T-1378

CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	115236020	Kit – Crankshaft Incl. Ref. #2)	1	13	020109103	Nut	2
2		Crankshaft	1	14	115016670	Kit – Piston Std.	3
3	115276210	Gear	1	*	115016674	Kit – Piston +0.5mm	1
4	030509020	Key	1	*	115016677	Kit – Piston +1.0mm	1
6	198586030	Kit – Bearing Std.	1	15	115016770	Kit – Piston Std. Incl. Ref. #16)	1
*	198586034	Kit – Bearing –0.25mm	1	*	115016774	Kit – Piston +0.5mm Incl. Ref. #16)	1
*	198586037	Kit – Bearing –0.50mm	1	*	115016777	Kit – Piston +1.0mm Incl. Ref. #16)	1
7	198586060	Kit – Bearing Std.	1	16		Piston	1
*	198586064	Kit – Bearing –0.25mm	1	17	115326260	Pin	1
*	198586067	Kit – Bearing –0.50mm	1	18	03500019	Circlip	2
8	115026240	Connecting Rod Assembly Incl. Ref. # 9 & 10)	3	19	115107260	Kit – Piston Ring	1
9		Rod	1	*	115107263	Kit – Piston Ring +0.5mm	1
10		Cap	1	*	115107265	Kit – Piston Ring +1.0mm	1
11	198517325	Bush	1				
12	115176130	Screw	2				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



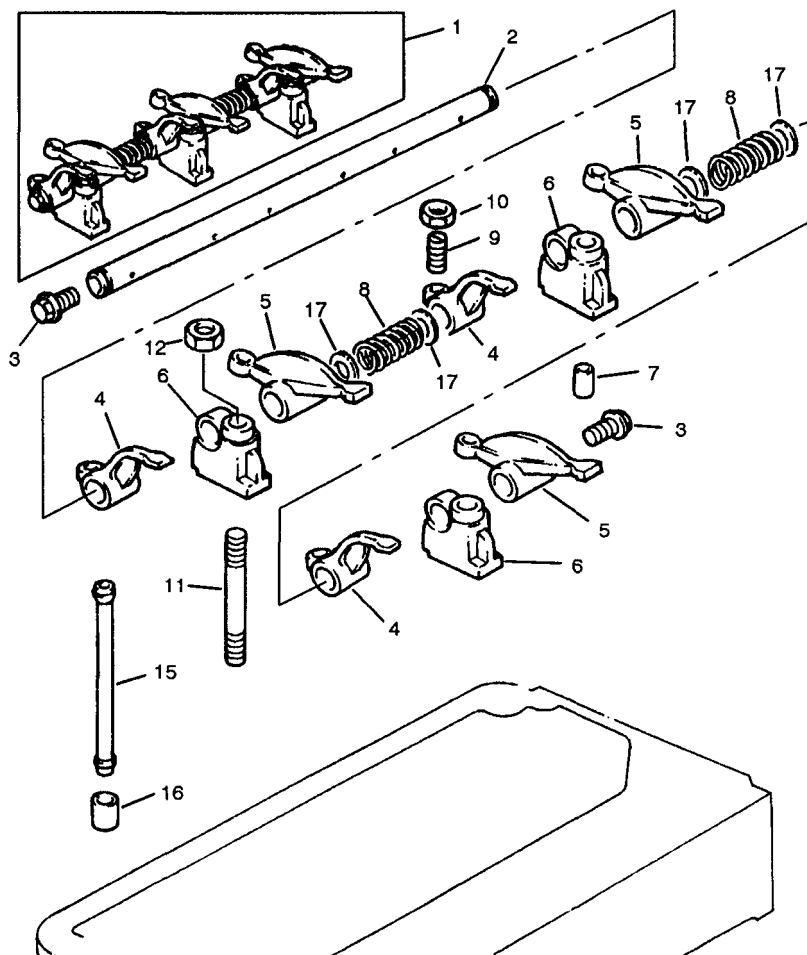
T-1379

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



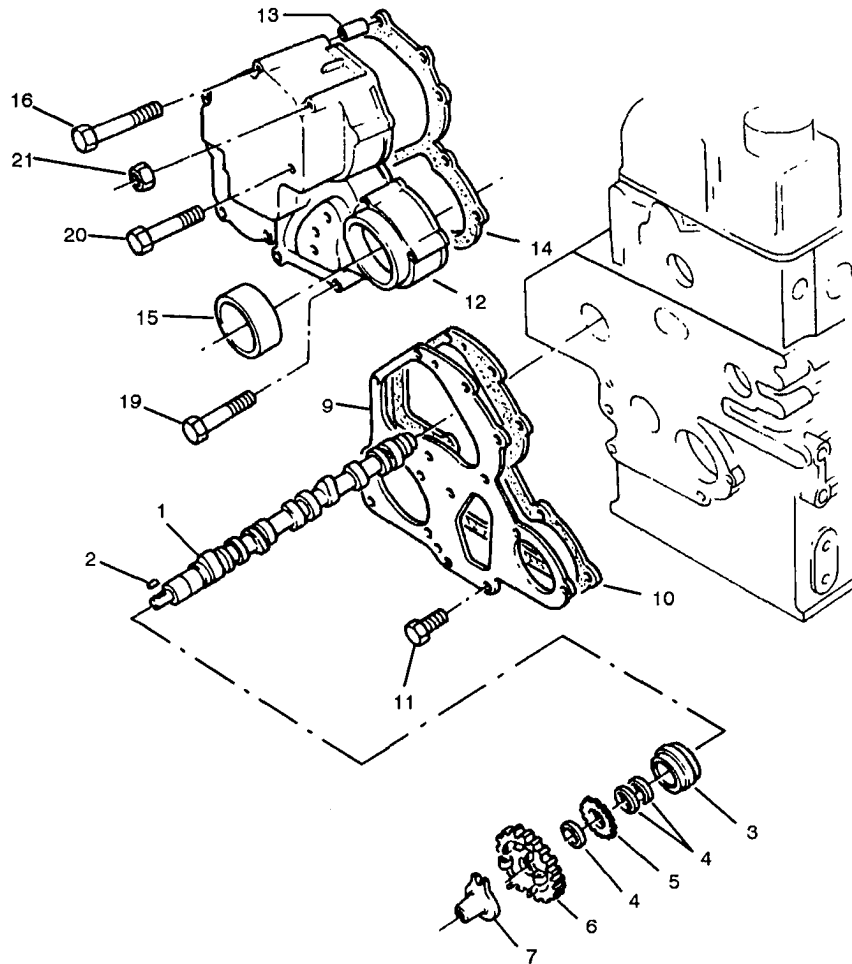
T-1380

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.

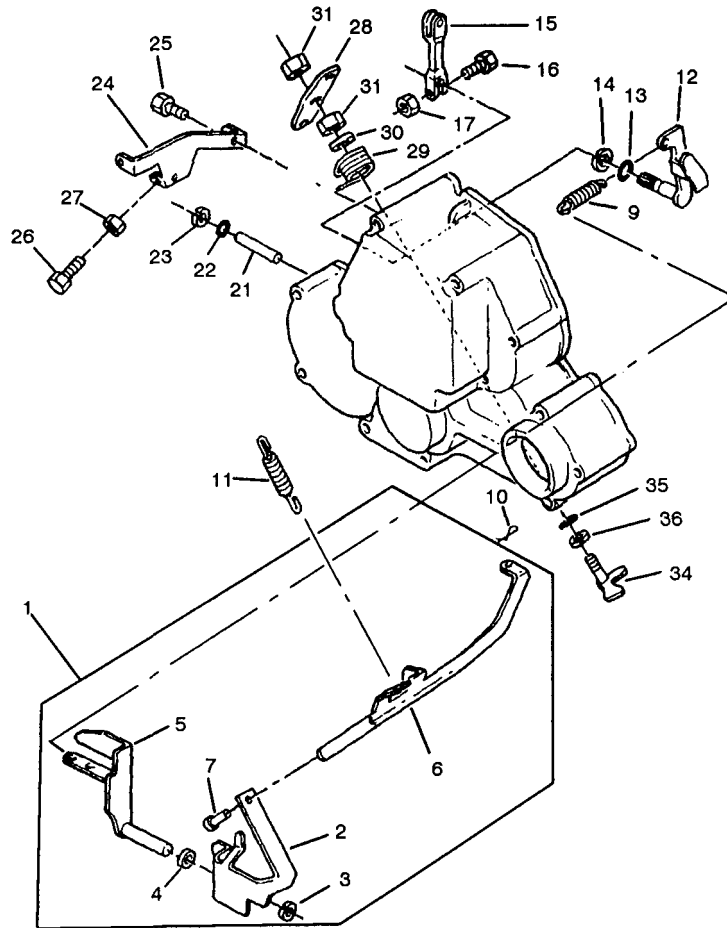


T-1381

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	120026120	Camshaft	1	11	011300612	Bolt	3
2	034100508	Key	1	12	165106130	Cover	1
3	040109059	Bearing	1	13	030300414	Pin	1
4	199216230	Spacer	3	14	165996410	Joint	1
5	120736081	Gear	1	15	198636090	Seal	1
6	120016030	Gear	1	16	011300680	Screw	2
7	125256120	Tappet	1	19	011300640	Screw	4
9	165166260	Plate	1	20	011300660	Screw	2
10	165996400	Joint	1	21	023100006	Nut	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

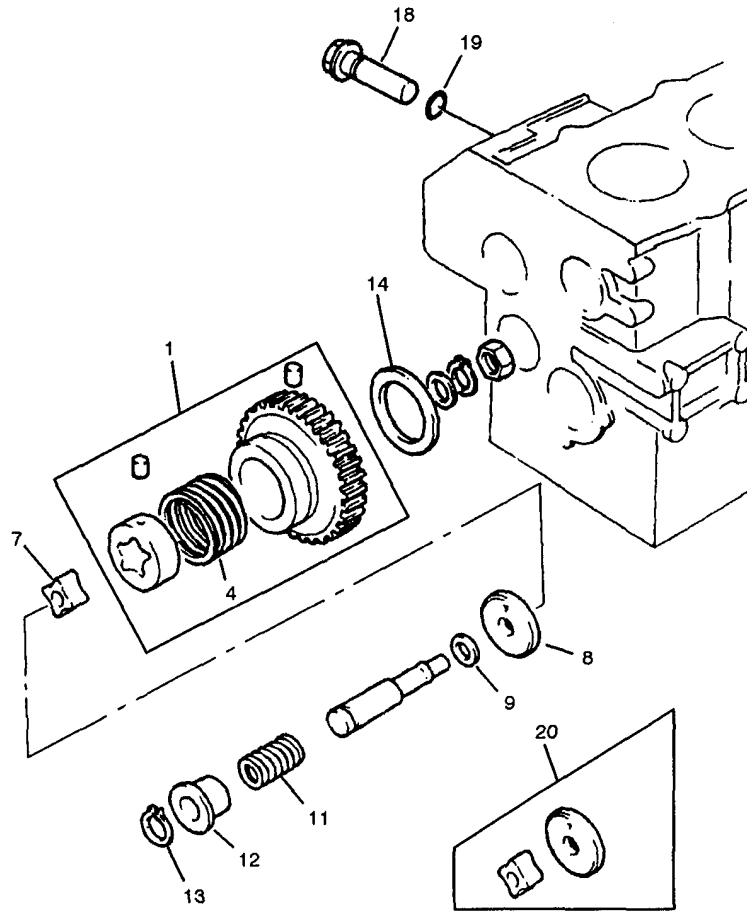


T-1382

TIMING COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	125046140	Lever (Incl. Ref. #2, 6 & 7)	1	17	023100006	Nut	1
2		Lever	1	21	125116130	Shaft	1
3	036800008	Circlip	1	22	052100030	Seal - O-Ring	1
4	026200010	Washer	1	23	036800005	Circlip	1
5	125406071	Lever	1	24	125976120	Stay	1
6		Link	1	25	011300618	Screw	2
7		Pin	1	26	010109264	Screw	2
9	198217220	Spring	1	27	023100006	Nut	2
10	031100004	Pin	1	28	125176080	Lever	1
11	198217420	Spring	1	29	198216760	Spring	1
12	125156170	Arm	1	30	026200008	Washer	1
13	052100070	O Ring	1	31	020300008	Nut	2
14	036800008	Circlip	1	34	125156180	Arm	1
15	125416020	Lever	1	35	052100050	O Ring	1
16	010110630	Screw	1	36	036800006	Circlip	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



T-1383

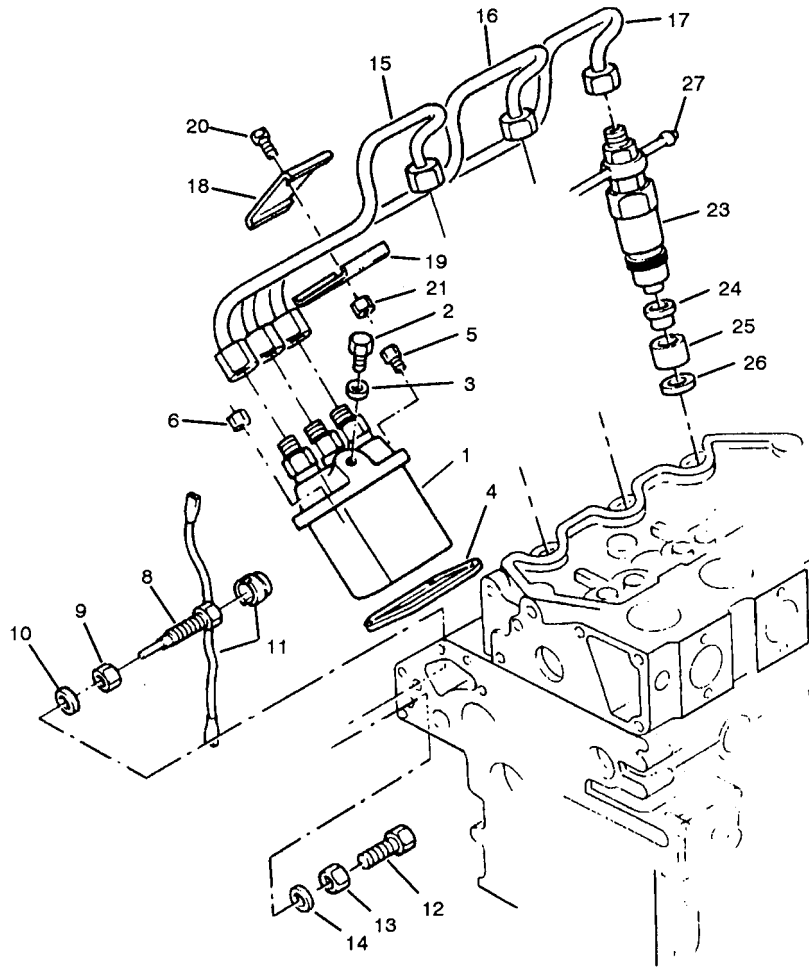
OIL PUMP ASSEMBLY

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	Repair Kit	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



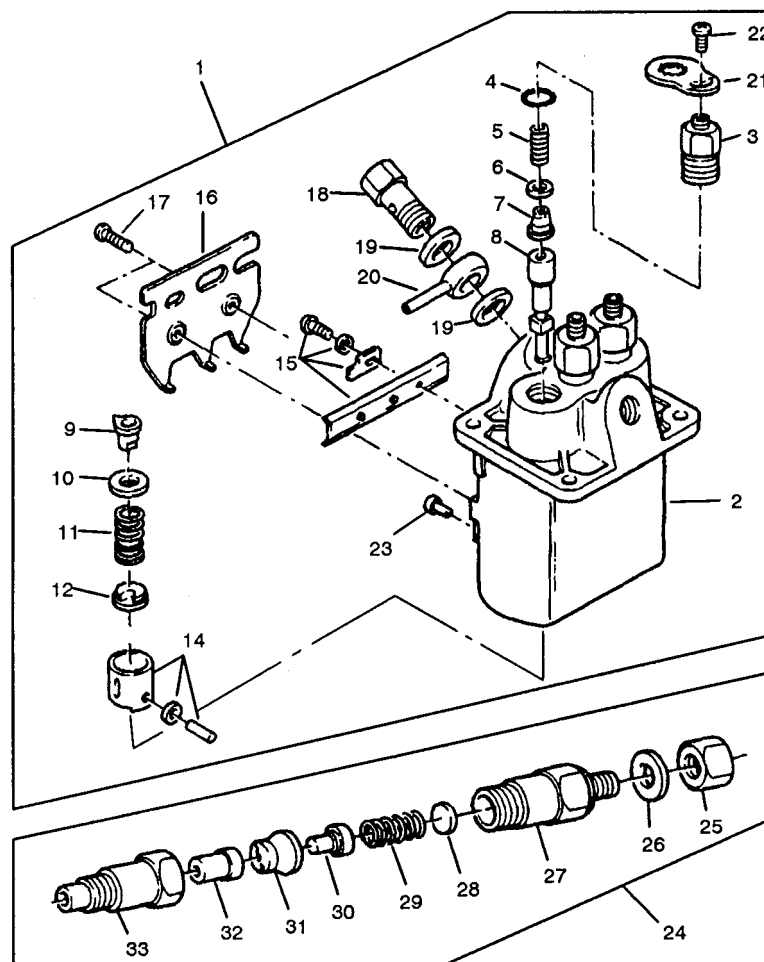
T-1384

FUEL INJECTION SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	131017340	Injection Pump	1	13	023109002	Nut	1
2	131236201	Screw	1	14	025100010	Washer	1
3	025100006	Washer	1	15	131507010	Injection Pipe No. 1 Cyl.	1
4	131437310	Shim +0.2mm	1	16	131507020	Injection Pipe No. 2 Cyl.	1
*	131437320	Shim +0.3mm	1	17	131507030	Injection Pipe No. 3 Cyl.	1
*	131437330	Shim +0.4mm	1	18	199106020	Damper	2
*	131437340	Shim +0.5mm	1	19	199106020	Damper	2
*	131437340	Shim +1.0mm	1	20	010100625	Screw	2
5	011300620	Screw	2	21	023100006	Nut	2
6	023100006	Nut	2	23	131406340	Atomiser	3
8	131046160	Screw	1	24	131426200	Gasket	3
9	023109002	Nut	1	25	111316280	Insert	3
10	025100010	Washer	1	26	198996090	Seal	3
11	198236030	Wire	1	27	131606260	Pipe	1
12	010109270	Screw	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



T-1385

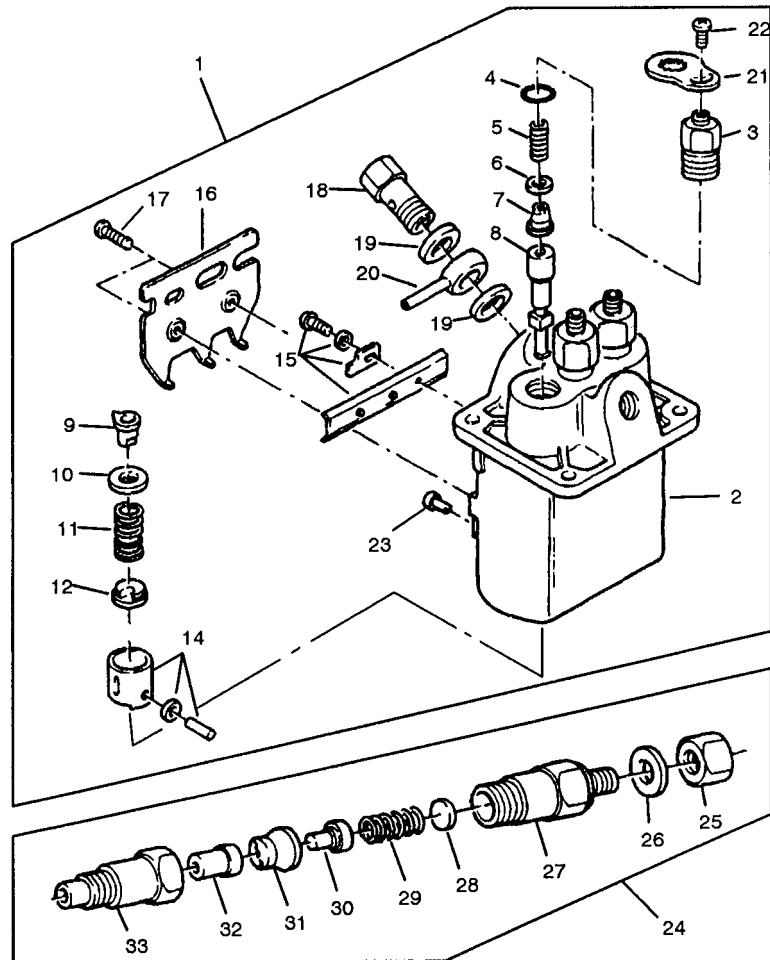
INJECTION PUMP ASSEMBLY

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



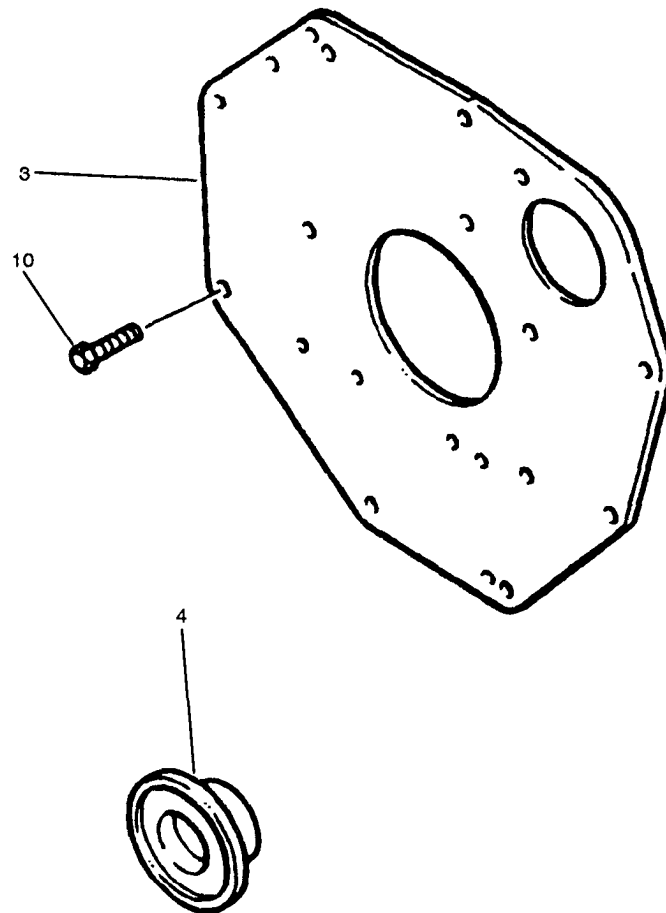
T-1385

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



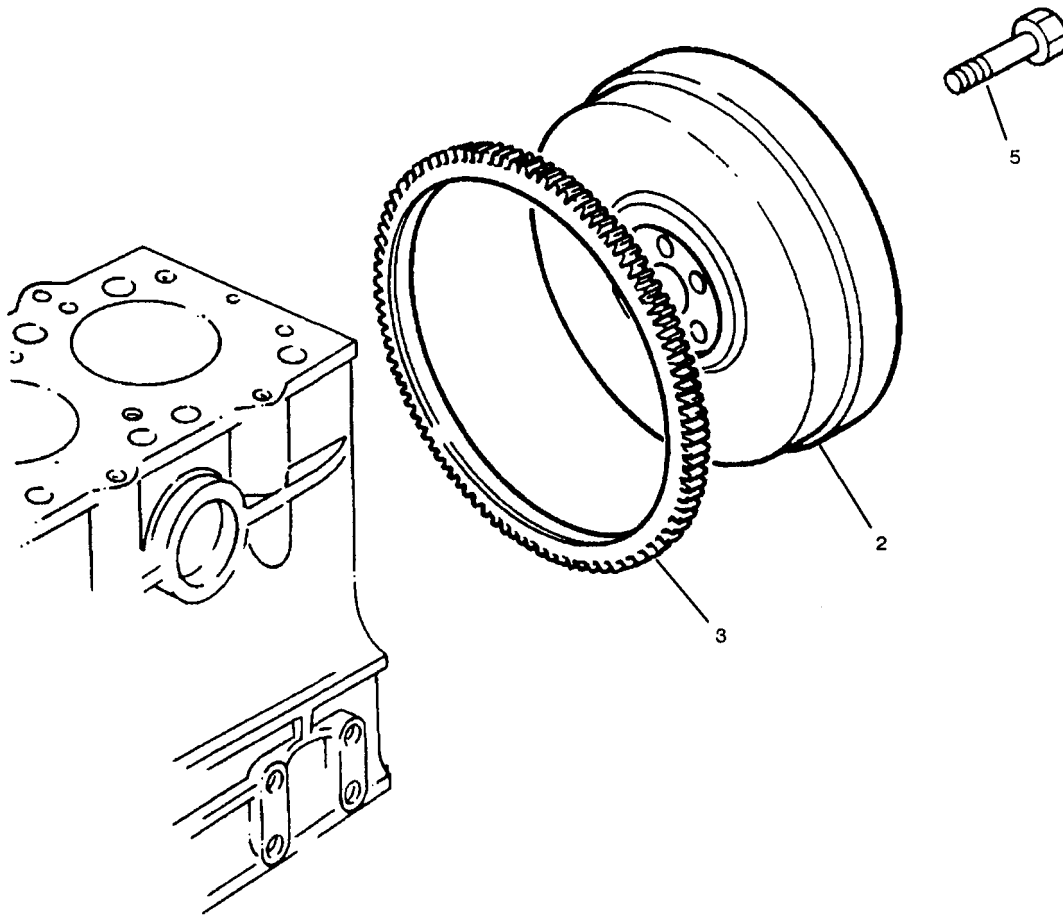
T-1386

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.



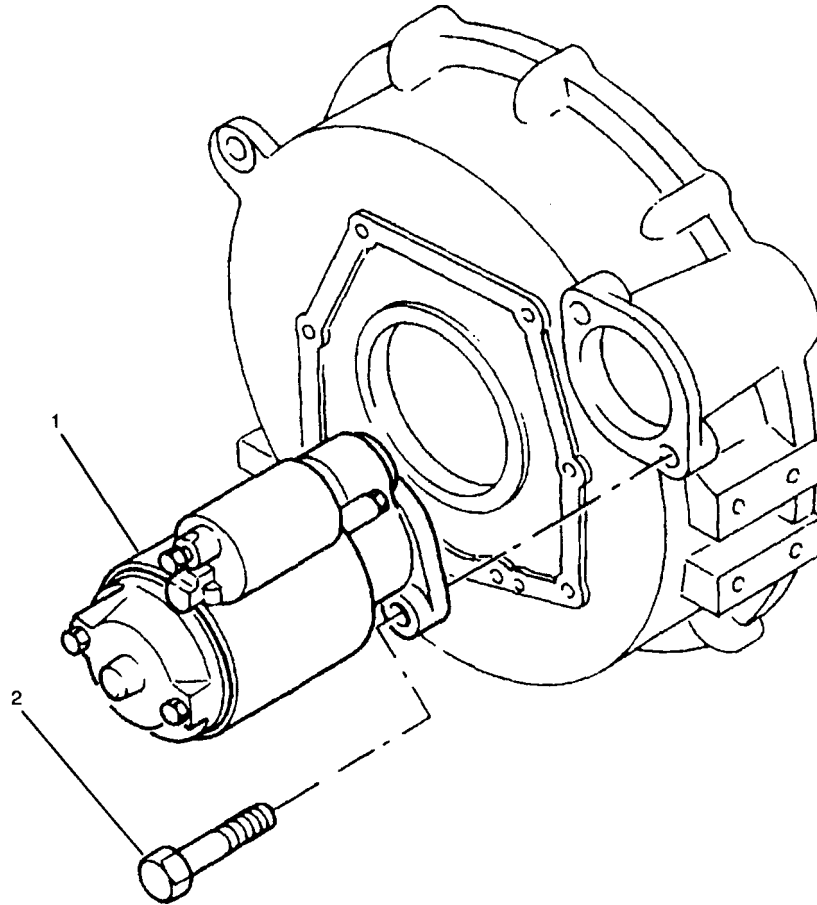
T-1387

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.



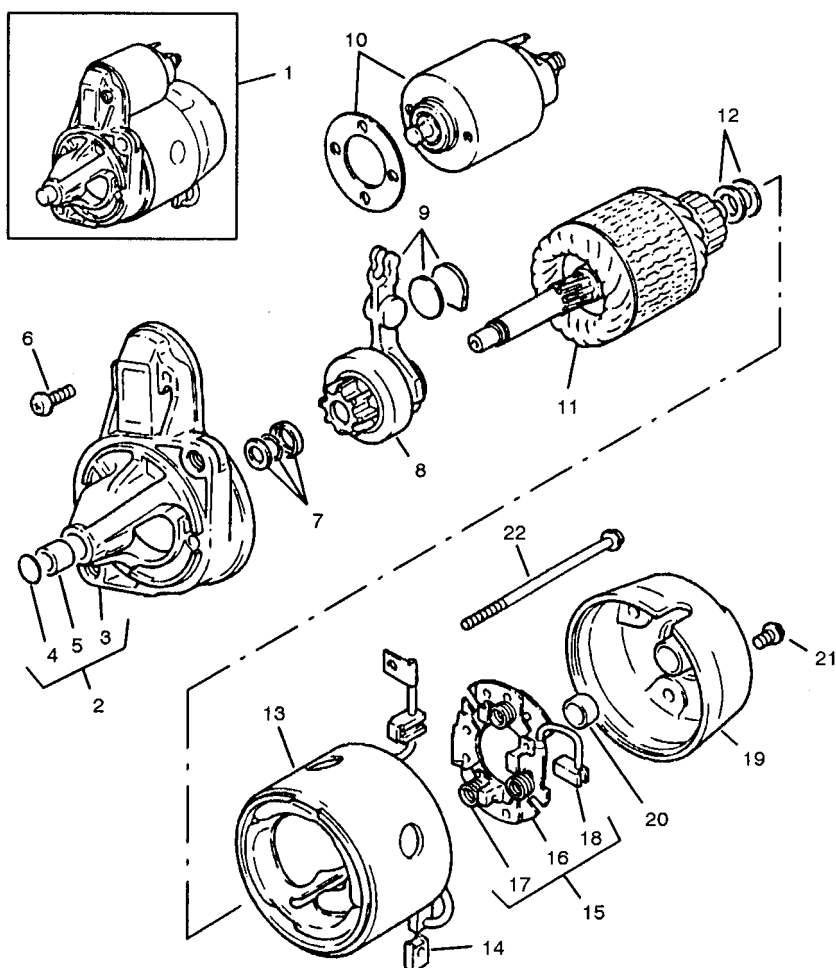
T-1388

STARTER INSTALLATION ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
2	011601020	Screw	2

NOTE: Obtain replacement parts from your local Perkins Dealer.

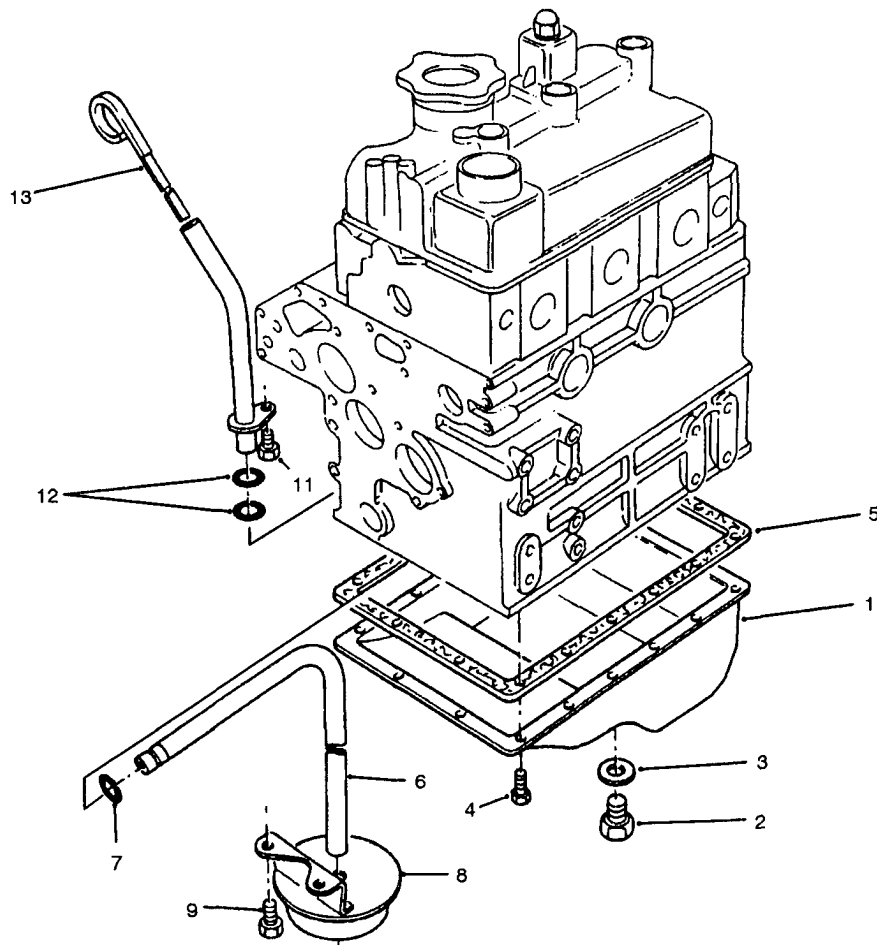


T-1389

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	185086370	Startermotor	1	12	185846475	Washer	1
2	185846471	Cover (Incl. Ref. #3 & 4)	1	13	185846476	Yoke	1
3		Cover	1	14	185416400	Brush	1
4		Ring	1	15	185416390	Holder (Incl. Ref. #16)	1
5	185846472	Bush	2	16		Holder	1
6	185846468	Screw	2	17	185886010	Spring	1
7	185846473	Washer	1	18	185416410	Brush	1
8	185866240	Pinion	1	19	185846477	Cover	1
9	185846469	Lever	1	20	185846478	Bush	1
10	185816220	Switch	1	21	185846468	Screw	3
11	185846474	Armature	1	22	185846470	Screw	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



T-1390

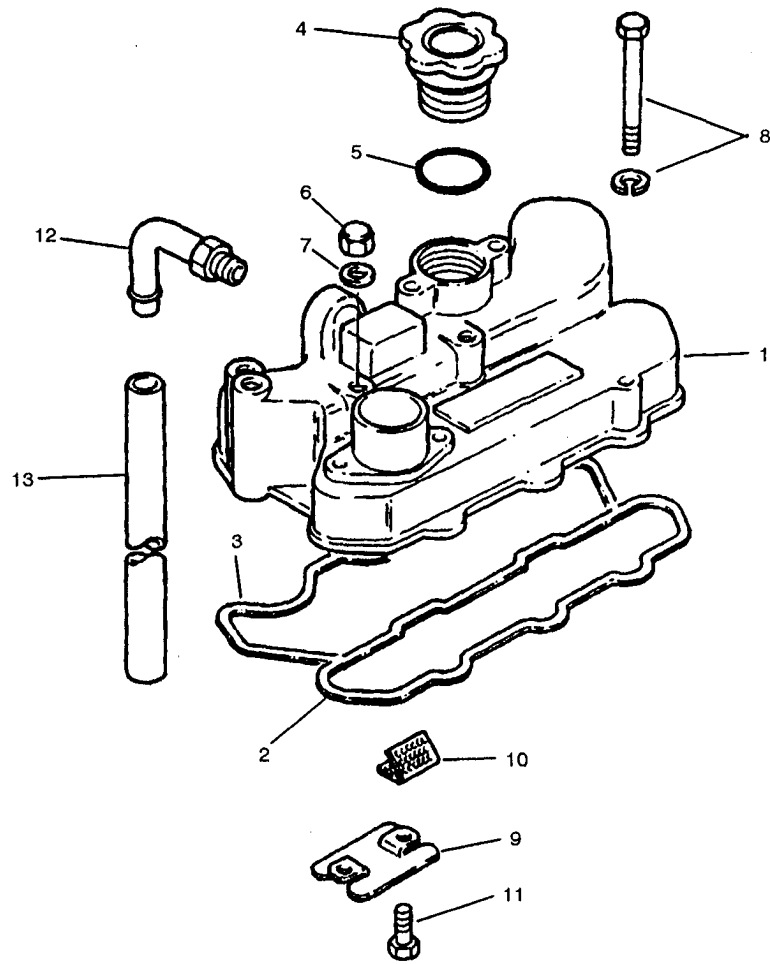
OIL SUMP ASSEMBLY

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



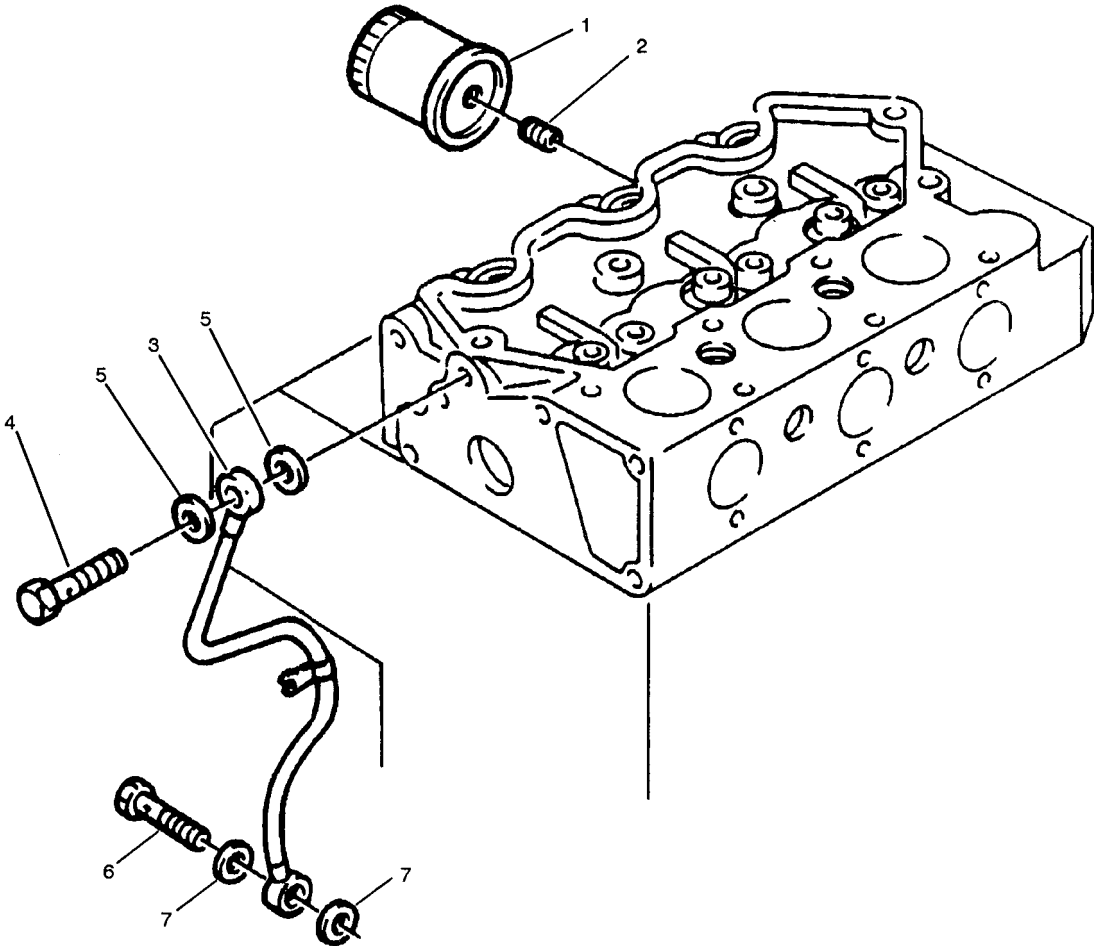
T-1391

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



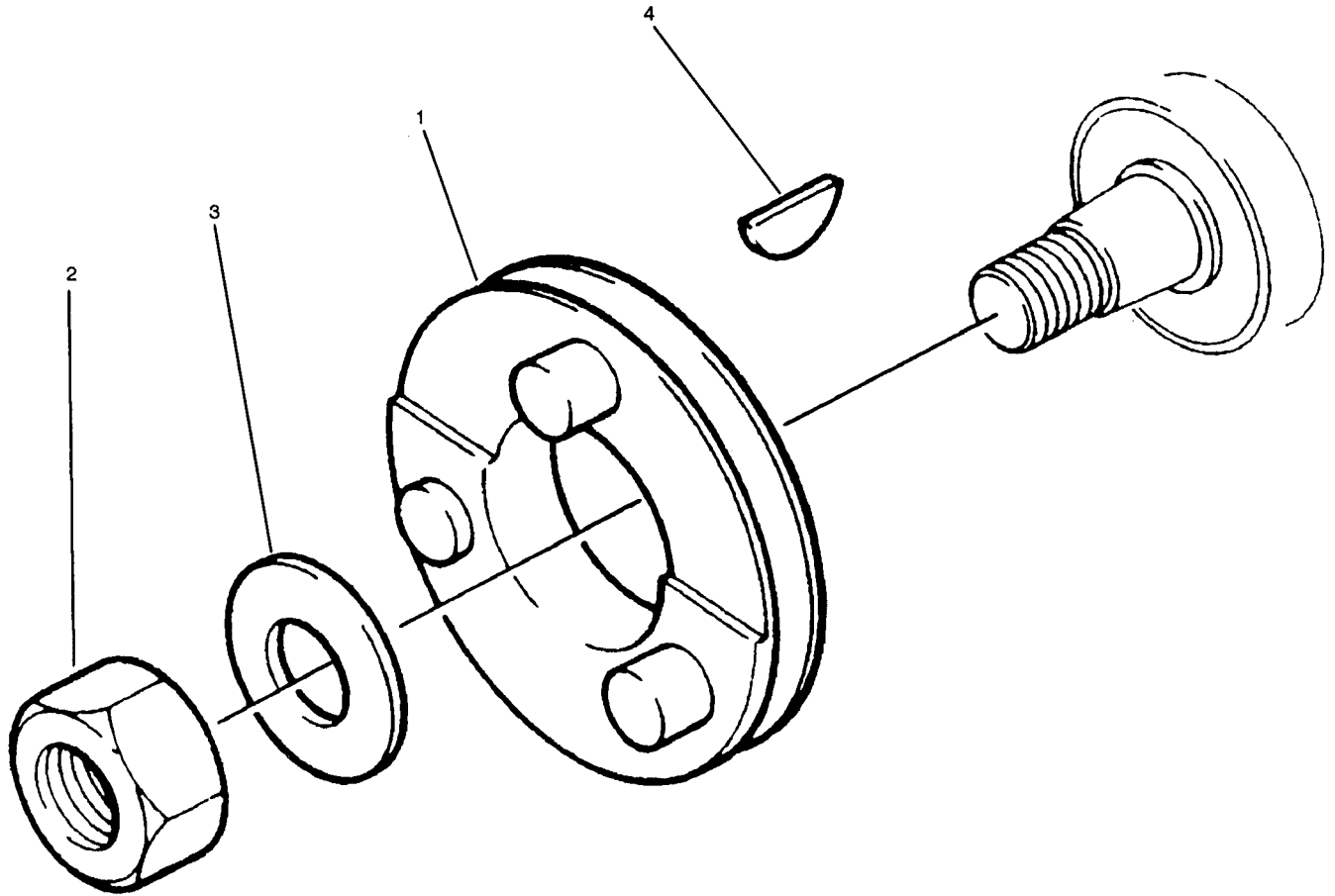
T-1392

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.



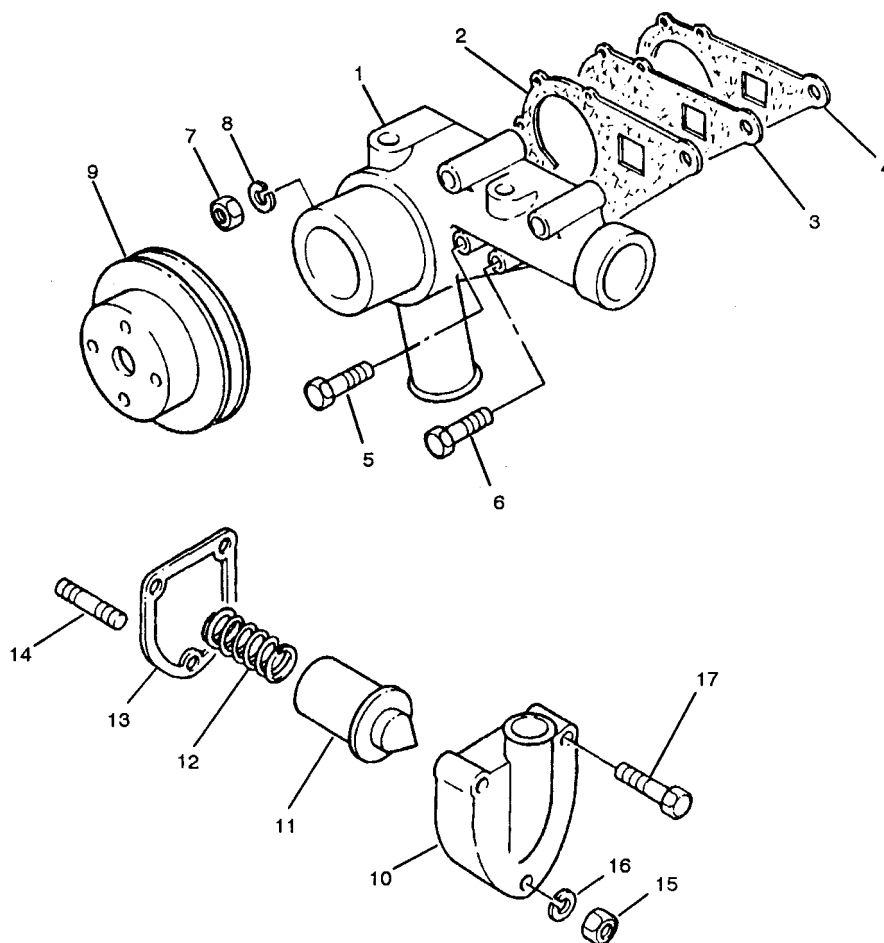
T-1393

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.

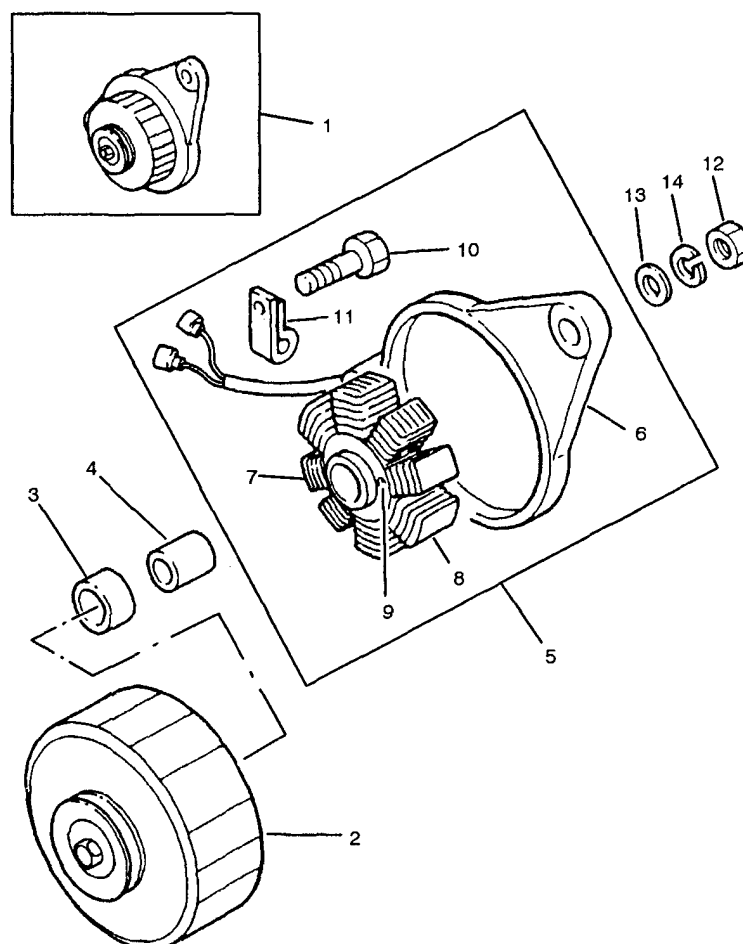


T-1394

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	145016840	Pump – Water	1	10	145216160	Housing	1
2	145996430	Gasket	1	11	145206061	Thermostat	1
3	145146270	Backplate	1	12	198217090	Spring	1
4	145996420	Gasket	1	13	145996440	Gasket	1
5	011300635	Screw	3	14	012100650	Stud	1
6	011300650	Screw	4	15	023100006	Nut	1
7	023100006	Nut	1	16	027100006	Washer	1
8	027100006	Washer	1	17	011300650	Screw	2
9	145336490	Pulley	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

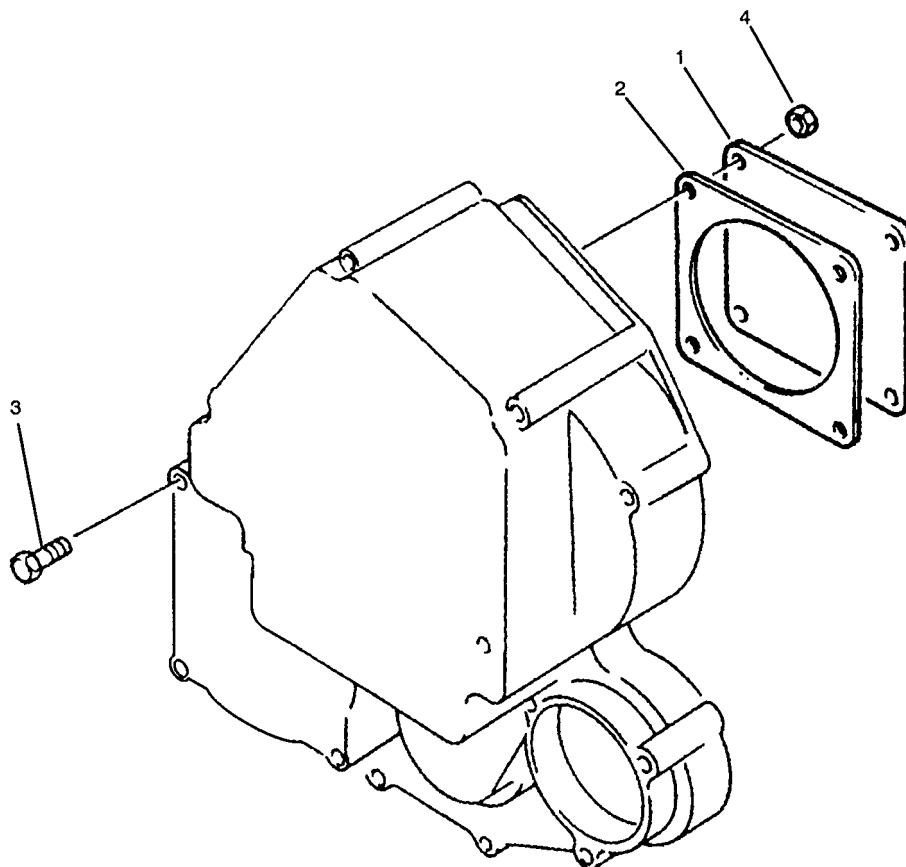


T-1397

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.



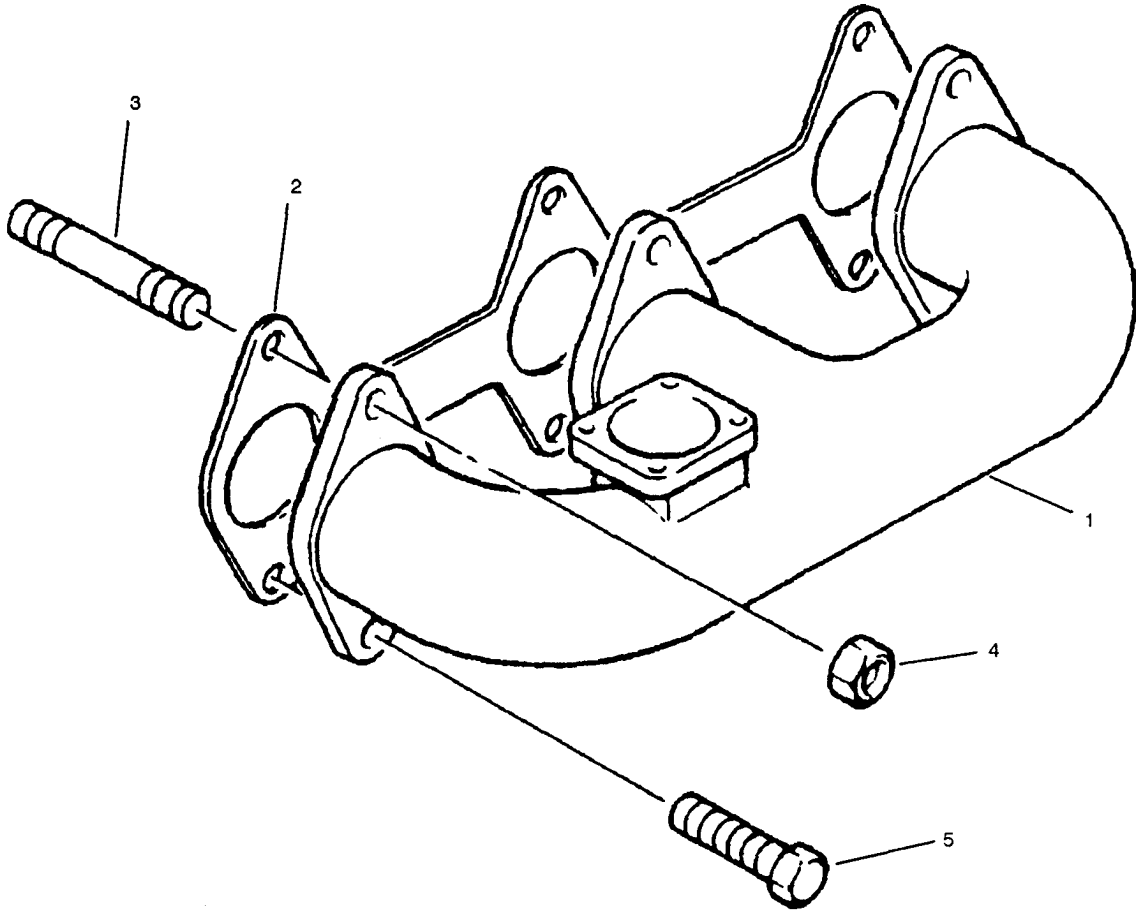
T-1398

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.



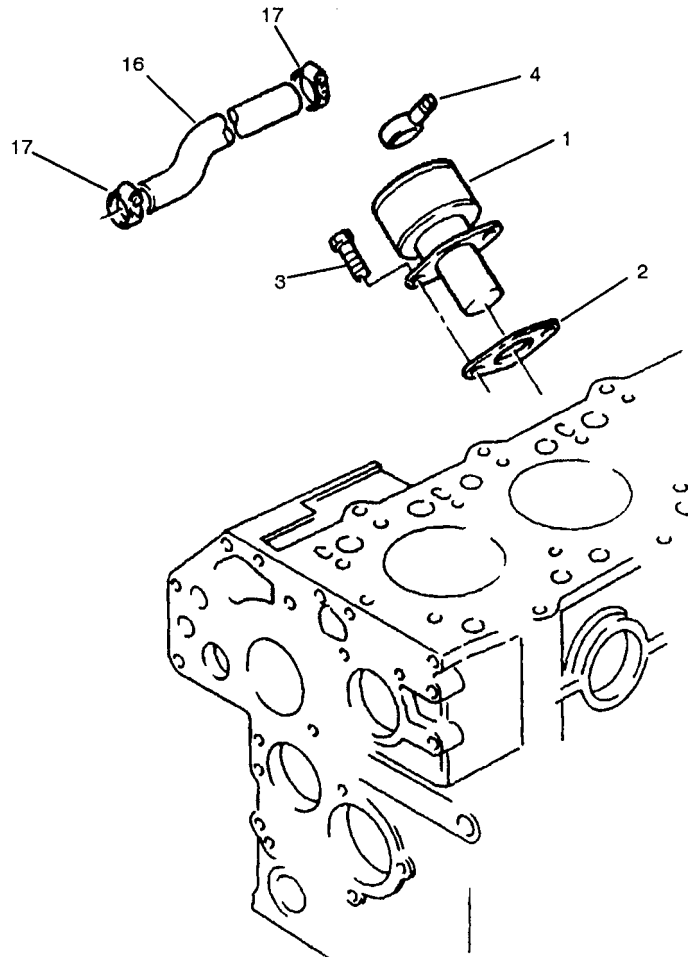
T-1399

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.

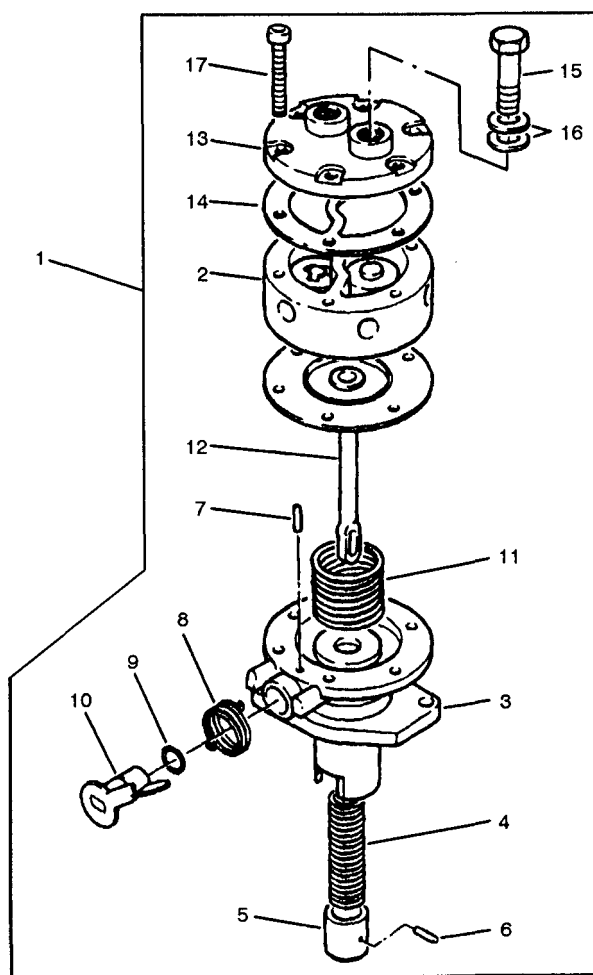


T-1400

LOW PRESSURE FUEL SYSYEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	130506140	Pump – Lift	1	4	198486840	Connection	2
2	130996070	Gasket	1	16	068209084	Hose	1
3	011140616	Screw	2	17	067100015	Clip	2

NOTE: Obtain replacement parts from your local Perkins Dealer.



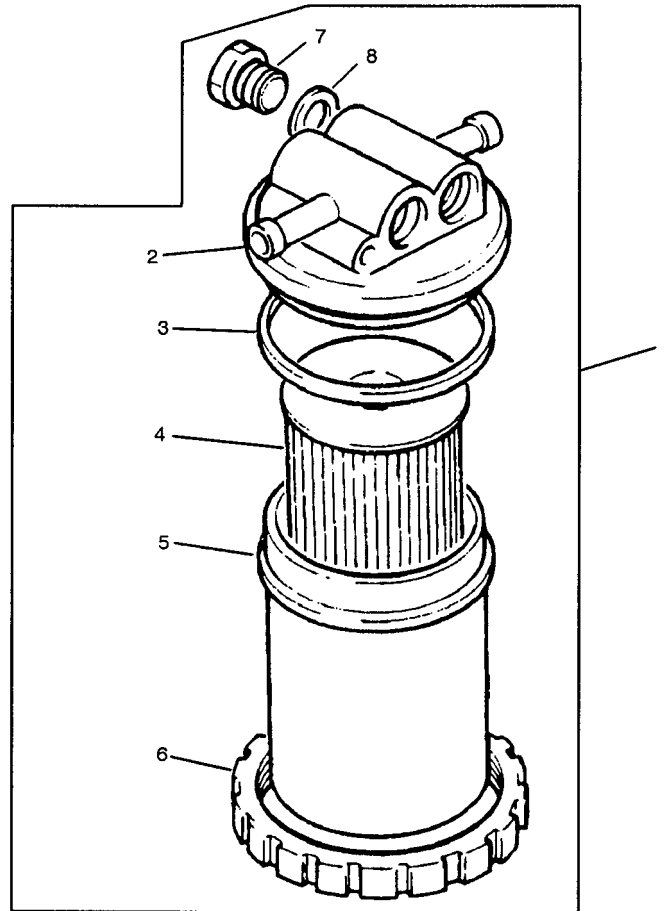
T-1401

LIFT PUMP ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

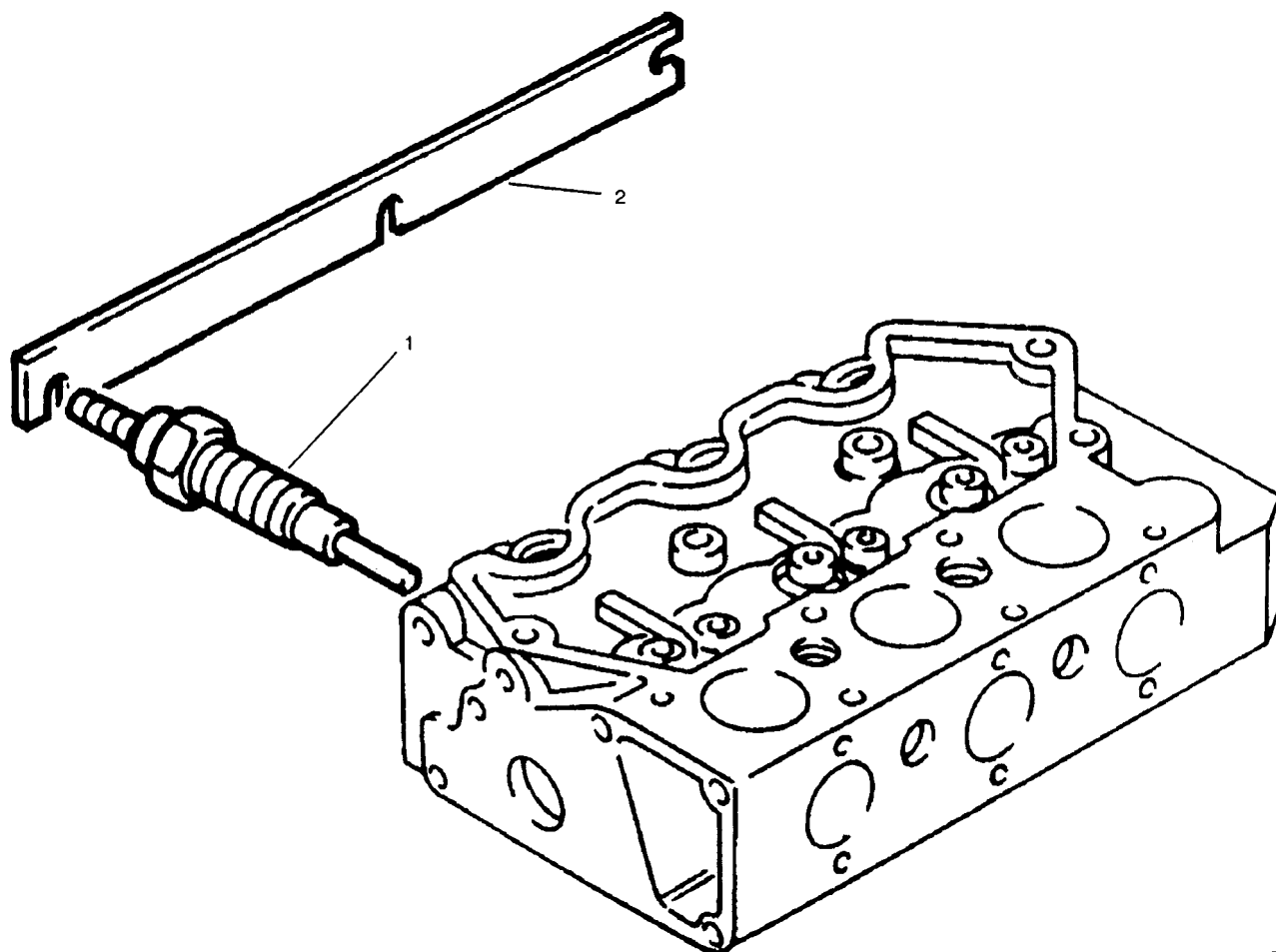


T-1402

FUEL FILTER ASSEMBLY

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



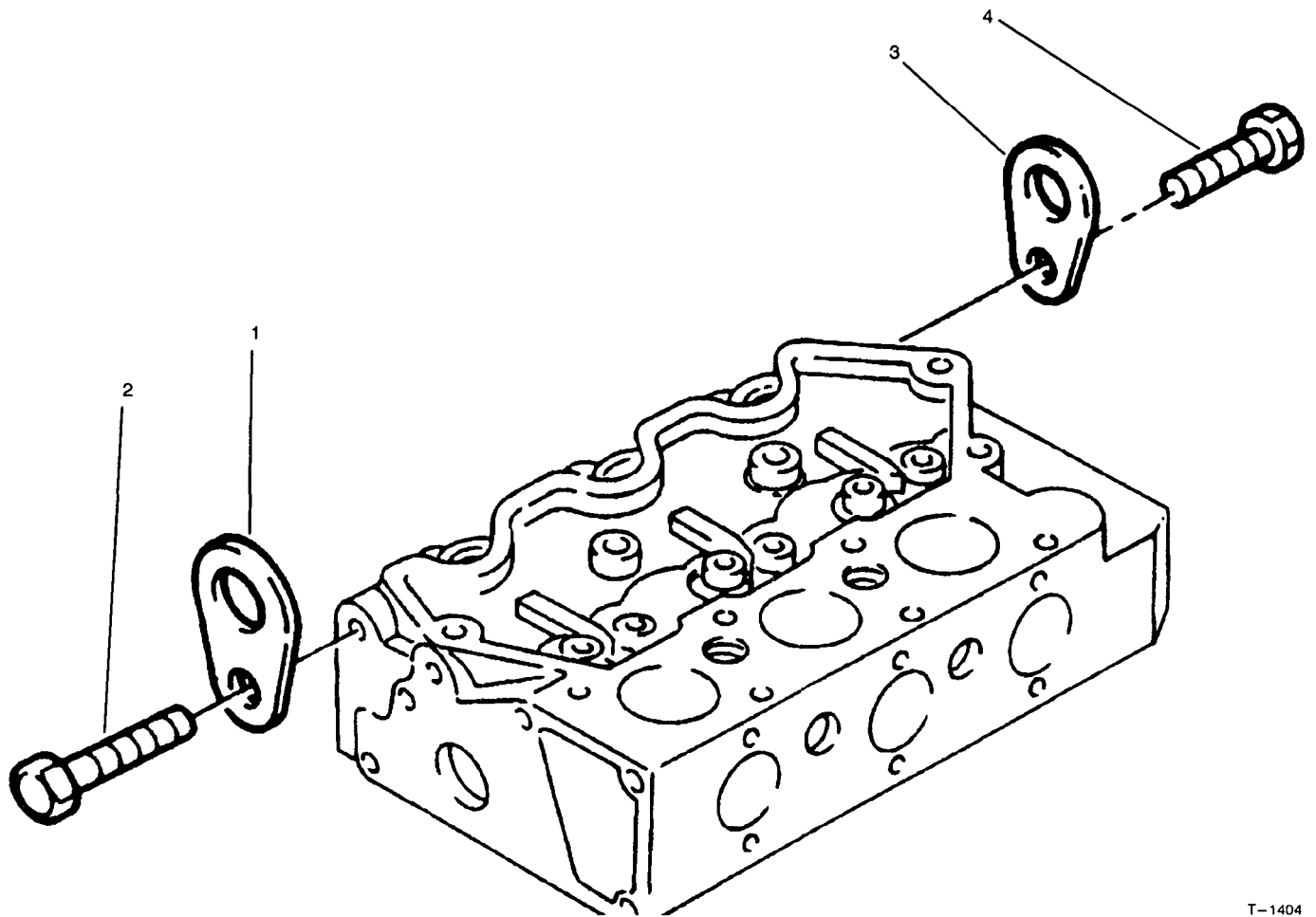
T-1403

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.



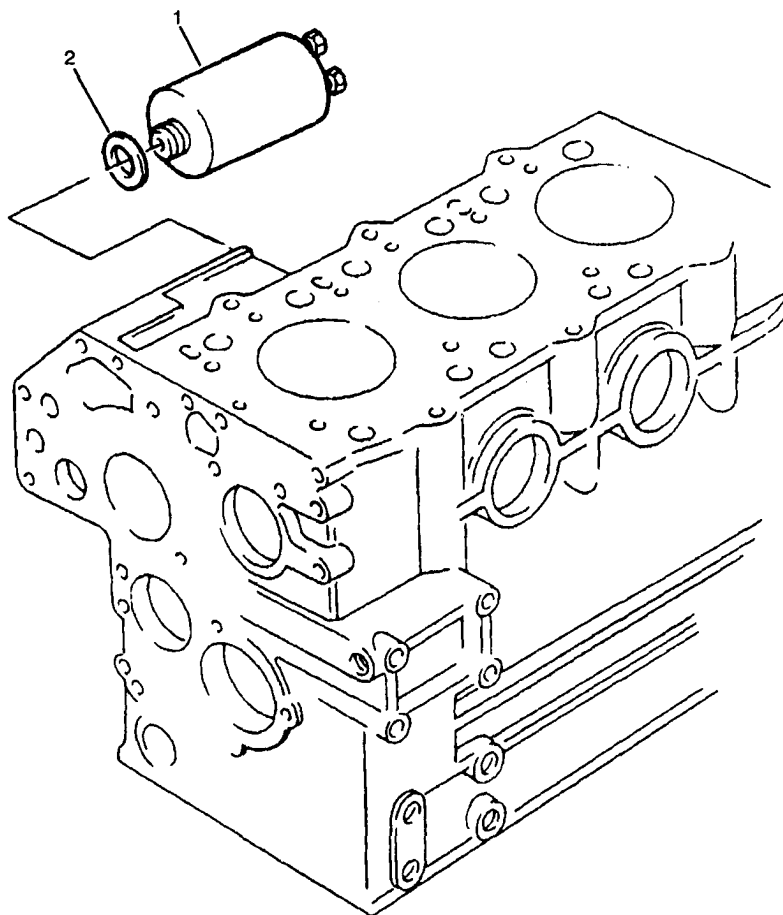
T-1404

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.



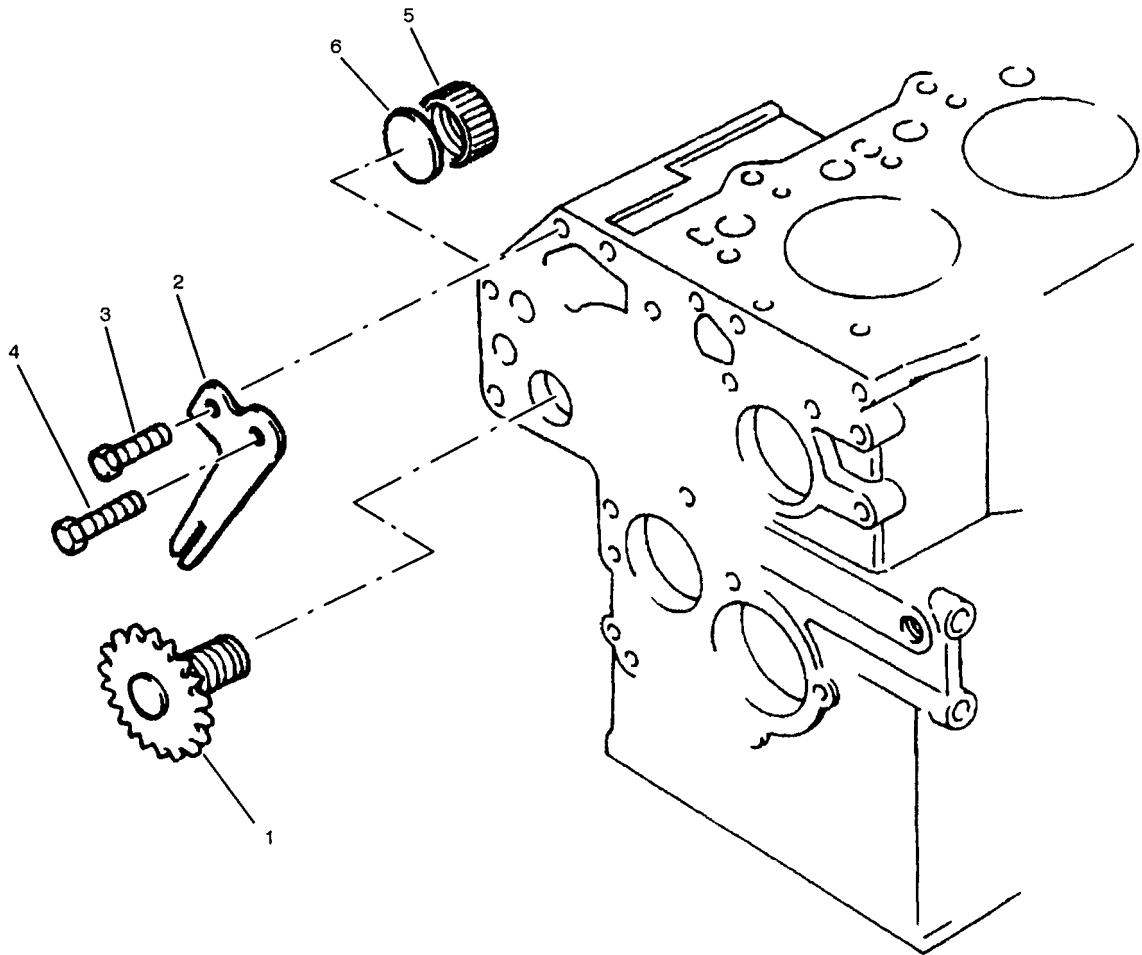
T-1405

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.



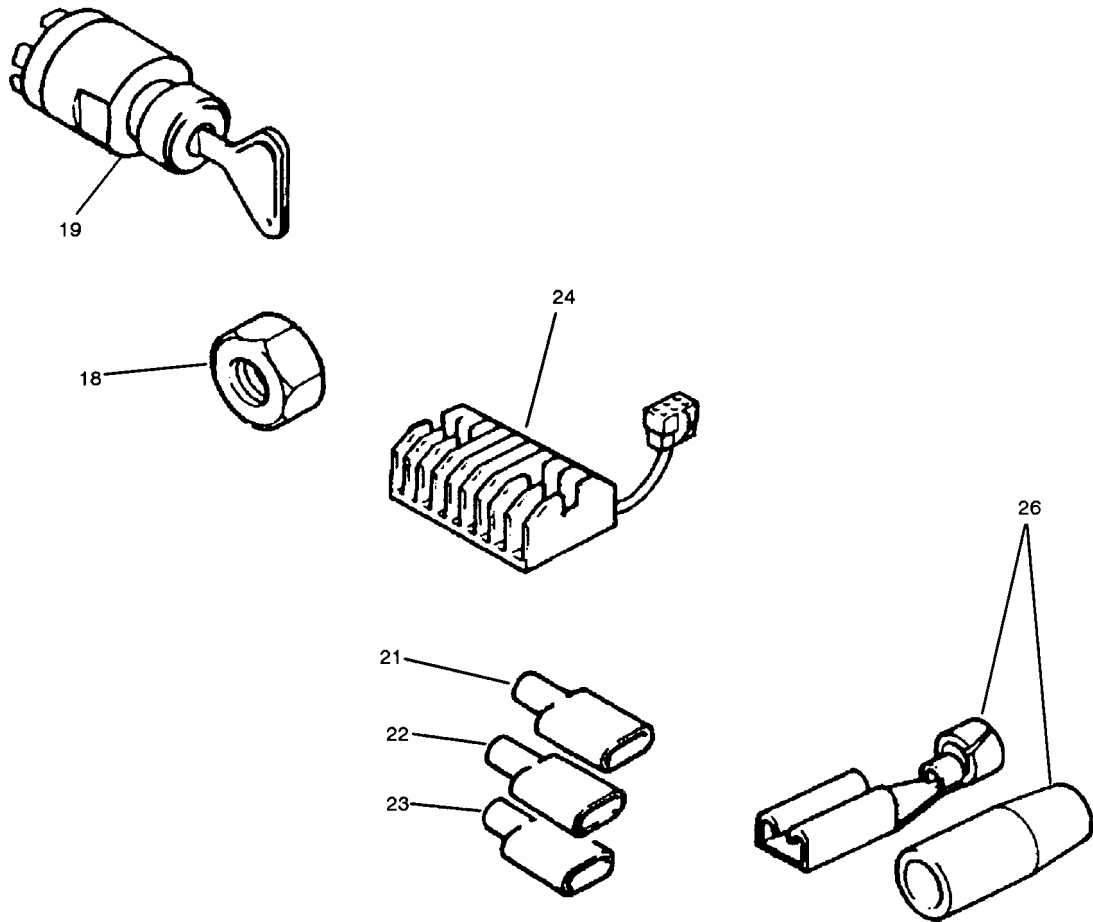
T-1406

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	92-3179	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	92-3179	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	92-3179	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	92-3179	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	92-3179	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	92-3179	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	92-3179	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	92-3179	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	92-3179	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	92-3179	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

3316-361

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-0348	Bushing - Sleeve	28 7 4	43-8600	Spring - Compression	3 28 1
3-0348	Bushing - Sleeve	29 17 2	43-8610	Guide - Spring	3 27 1
3-6498	Washer	16 50 2	43-8620	Guide - Pin	3 30 1
3-6498	Washer - Thrust	8 17 A/R	43-8860	Plunger - Switch	3 29 1
3-6692	Spring - Compression	11 24 1	43-8870	Boot - Switch	3 32 1
5-0743	Spring - Extension	29 1 1	43-9071	Seat Switch Assembly	4 * 1
5-0743	Spring - Extension	28 17 2	44-2212	Light Assembly	6 41 1
5-2653	Cable Pulley Assembly	26 8 1	46-8400	Bearing - Needle	12 42 1
5-2655	Keeper - Cable	26 7 1	46-8810	Stop - Spring	14 1 1
5-2656	Keeper - Cable	26 30 2	48-1800	Cylinder Block Kit	12 5 1
5-7280	Key - Square	22 1 3	48-7700	Screw - Cap Hex. Hd.	20 14 6
5-7290	Spring - Extension	15 6 1	48-7780	Screw - Cap Hex. Hd.	20 29 16
10-6821	Brake Drum Assembly	15 18 2	48-8010	Washer - Flat	20 41 4
10-6870	Hub - Wheel	15 19 2	48-9460	Screw - Cap Hex. Hd.	20 8 14
10-7070	Key - Square	22 13 1	48-9590	Washer - Lock	20 28 16
12-9140	Decal	33 1 1	49-2040	Screw - Hex. Flange Hd.	14 25 3
14-5759	Hood	1 2 1	49-2040	Screw - Hex. Flange Hd.	11 35 3
16-1089	Lift Arm Assembly	29 29 1	49-8480	Shaft - Trunion	12 12 1
16-1149	Top Shroud Assembly	9 5 1	49-8510	Kit - Charge Relief	13 * 1
16-1159	Lift Arm Assembly L.H.	28 8 1	49-8520	Kit - Implement Relief	13 * 1
16-1169	Lift Arm Assembly R.H.	28 * 1	51-3150	Shim - Spring	14 6 1
18-2970	Clamp - R	29 21 1	52-2861	Washer - Flat	11 23 1
20-0140	Rod End Assembly	31 5 1	54-0110	Element - Oil Filter	10 15 1
21-0150	Rod End Assembly	8 15 1	55-4300	Decal - Warning	28 9 2
22-8330	Plug	25 1 2	55-4300	Decal - Warning	29 24 1
22-8340	Spring	25 3 2	56-2230	Hose - Fuel	32 11 1
22-8350	Ball	25 4 2	56-2520	Valve - Fuel Shut-Off	32 9 1
22-8360	Pin - Cam	25 6 2	56-7977	Clamp - Hydraulic Tube	18 7 2
22-8370	Seat - Check Valve	25 5 2	56-9510	Bushing Assembly	30 10 2
22-8380	Retainer - Spring	25 10 2	56-9520	Bushing - Nylon	30 16 1
22-8410	Spring	25 11 1	57-5420	Screw - Shoulder	10 5 1
22-8420	Spool	25 8 1	57-6390	Nut	21 60 1
22-8480	Snap Ring - Spool	25 13 1	59-2150	Taper Lock Bushing Assy.	11 20 1
22-8490	Snap Ring	25 14 1	61-0140	Pulley - Reel	22 4 3
22-8500	Seal - O-Ring	25 9 2	61-1960	Axle - Wheel	31 7 1
23-2140	Hose - Fuel	32 23 1	61-2070	Rod - Steering	8 13 1
23-3030	Spacer	25 12 1	61-2070	Rod - Steering	31 18 1
24-0760	Cooler - Oil	9 20 1	61-2090	Steering Column Assembly	8 8 1
25-2380	Plate - Thrust	12 39 1	61-2370	Spacer	14 16 2
25-2390	Plate - Valve	12 40 1	61-2430	Hub - Lift	26 45 1
25-2400	Gasket	12 43 1	61-2610	Arm - Traction	14 14 1
25-2430	Pin - Straight	12 41 1	61-2790	Screen - Filler	10 8 1
25-2450	Swash/Plate	12 37 1	61-3210	Cable Pulley Assembly	26 22 3
25-2460	Plug	12 14 2	61-3230	Spacer	26 24 3
25-2470	Kit - Shim Pack	12 16 2	61-3270	Spring - Compression	28 6 2
25-2480	Spring - Charge Relief	12 32 1	61-3330	Pulley	11 16 1
25-2490	Ball - Check Valve	12 47 2	61-3380	Belt - Reel Drive	22 42 3
25-2510	Washer	12 11 2	61-3830	Chain - Lift	26 33 2
25-2530	Pin - Straight	12 26 1	61-3990	Parking Brake Assembly	15 5 1
25-2570	Spring - Relief Valve	12 17 1	61-7250	Boot	28 5 4
25-2630	Ring	12 3 1	62-4290	O-Ring	12 44 2
25-2640	Spring - Check Valve	12 48 2	62-7170	Spacer	3 43 1
25-2650	Plug - Check Valve	12 49 2	62-7240	Cover - Spring	29 2 1
25-2680	Gerotor Assembly	12 25 1	62-7250	Boot	29 18 2
25-3180	Kit - Check Valve	13 * 1	62-7300	Chain	29 3 1
25-3210	Seal - Lip	12 10 2	62-7400	Decal - TORO	1 1 1
26-3790	Nut - Lock	15 23 2	62-9130	Grip - Handle	2 9 1
27-9870	Pin - Seat	3 24 1	62-9510	Washer - Flat	20 50 1
28-3670	Shaft - Trunion	12 28 1	63-1400	Guide - Cable	26 28 1
28-6180	Pin	3 23 1	63-7430	Temperature Gauge Assy.	6 17 1
29-6120	Plate - Pump	14 5 1	63-7620	Hose - Fuel	32 5 1
29-6150	Spring - Leaf	14 9 1	63-7620	Hose - Fuel	20 18 1
29-6170	Spring - Extended Leaf	14 7 1	63-8140	Pulley - Idler	20 3 1
29-9080	Handle	33 3 1	63-8410	Washer - Flat	10 10 3
29-9090	Hose - Handle	33 4 1	63-8410	Washer - Flat	32 17 3
33-1300	Element Assembly	5 5 1	65-4500	Seal - Snap Ring	17 14 1
33-1310	Baffle	5 8 1	65-4550	Valve - Check Ball	17 6 2
33-1320	Cup	5 9 1	65-4560	Plug - Hex (Hollow)	17 3 1
33-1330	Nut Assembly	5 6 1	65-4570	Seal - Square Ring	17 4 2
33-1340	Clamp Assembly	5 7 1	65-4580	Screw - Cap Hex Hd.	17 1 8
33-1350	Band Assembly	5 3 2	65-4590	Ring - Snap	17 21 1
33-1350	Clamp Assembly	4 60 2	65-4600	Washer - Thrust	17 19 2
36-4310	Brush	33 5 1	65-4610	Bearing - Thrust	17 20 1
36-7290	Spindle - Fan	20 49 1	65-4620	Seal - O-Ring	17 12 1
37-9090	Belt - V	20 2 1	65-4670	Body & Bearing Assembly	17 9 1
37-9590	Spring - Compression	3 22 1	65-4680	Cover & Bearing Assembly	17 2 1
42-9850	Washer	21 61 1	65-8270	Waher	21 57 1
43-1950	Lift Valve Assembly	24 4 1	65-8320	Bar - Height-Of-Cut	33 1 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
66-2920	Spacer	14 36 1	83-7780	Bracket - Support	10 24 1
66-3240	Cap - Radiator	9 9 1	83-7790	Collar	22 11 2
66-5291	Hydraulic Motor Assembly	15 30 2	83-7800	Sleeve	22 40 1
66-6110	IGR Assembly	17 5 1	83-7810	Spacer	22 35 2
67-0870	Bolt - Shoulder	2 6 1	83-7820	Shaft - Drive	22 2 1
67-5360	Decal - Danger	4 57 1	83-7830	Retainer - Clutch	22 15 1
67-8020	Shaft - Pump	12 6 1	83-7850	Shroud - Fan Bottom	9 32 1
67-8030	Plug Assembly	12 19 2	83-7900	Belt Tensioner Assembly	29 11 2
67-8040	O-Ring	12 20 2	83-7900	Belt Tensioner Assembly	28 24 2
67-8050	Bearing - Needle	12 22 1	83-7910	Rod	30 8 1
67-8060	Seal - Lip	12 23 1	83-7930	Yoke	30 3 1
68-4210	Spacer - Wheel	31 8 2	83-7970	Fitting - Hydraulic Bulkhead	9 39 2
68-8990	Head - Oil Filter	10 19 1	83-7980	Bracket - Radiator Rear	9 12 1
69-1170	Glass - Sight	10 2 1	83-8040	Cover - Left	9 8 1
70-1480	Relay	6 33 1	83-8070	Bracket - Radiator Bottom	9 18 1
70-1480	Relay	3 39 1	83-8080	Key - Square	22 38 1
70-8150	Plate - Valve	17 7 1	83-8110	Panel - Left	3 45 1
70-8621	Cap - Fuel Tank	32 12 1	83-8120	Panel - Right Rear	3 4 1
70-8640	Cap - Hydraulic Reservoir	10 7 1	83-8150	Screen - Radiator	9 17 1
70-9840	Shoe - Brake	15 16 4	83-8190	Panel - Control	3 5 1
70-9850	Clip - Retaining	15 35 2	83-8210	Panel - Front Left	9 22 1
70-9860	Pin - Pivot Brake	15 25 2	83-8220	Bracket - Muffler	20 51 1
70-9870	Plate - Brake	15 27 2	83-8230	Panel - Right Front	3 2 1
70-9880	Spring - Extension	15 17 4	83-8270	Pedal - Traction	14 12 1
71-1370	Spring - Compression	26 35 1	83-8320	Mount - Pump	11 11 1
71-1380	Pin - Spring	26 34 1	83-8400	Pulley - Idler	22 20 1
71-1500	Brake Assembly	16 * 2	83-8470	Bracket - Engine Mount	21 56 2
71-3382	Hose - Overflow	9 11 1	83-8500	Muffler	20 52 1
72-4190	Pin - Cylinder Guide	26 12 1	83-8510	Bracket - Fender L.H.	1 16 1
72-4320	Switch - Seat	3 25 1	83-8550	Hose - Air Cleaner	3 49 1
74-0720	Tube - Manual	3 14 1	83-8550	Hose - Air Intake	20 13 1
74-6110	Cam - Stop	14 35 1	83-8590	Cable - Lift	26 19 1
74-9100	Pad - Forward	14 11 1	83-8620	Bracket - Idler	22 18 1
74-9110	Pad - Reverse	14 13 1	83-8630	Yoke - Belt Tension	22 22 1
75-0540	Teather - Cap	10 4 1	83-8720	Tank - Fuel	32 13 1
75-2160	Bushing - Flange	8 2 2	83-8760	Rod - Control	14 20 1
75-4703	Hose - Fuel	32 15 1	83-8770	Lever - Pump	14 23 1
75-4703	Hose - Fuel	20 25 1	83-8850	Grille - Front	1 25 1
75-6820	Hourmeter	6 3 1	83-8860	Shield - Grass Front R.H.	1 23 1
75-7730	Spacer	31 2 1	83-8890	Decal - Reelmaster 216-D	3 19 2
76-0020	Hydraulic Cylinder Assembly	26 37 1	83-8900	Decal - Service Information	3 50 1
76-0030	Repair Kit	27 * 1	83-9000	Battery	32 6 1
76-0040	Piston	27 8 1	83-9020	Belt - V	20 38 1
76-0050	Ring - Retaining	27 12 1	83-9030	Foam - Top	9 36 1
76-0090	Head	27 3 1	83-9050	Hose - Radiator	9 34 1
76-0300	Housing - Bushing	30 12 1	83-9060	Hose - Radiator	9 28 1
76-0350	Housing - Bushing	30 2 1	83-9070	Hose - Coolant	20 11 1
76-0360	Cup - Retainer	30 6 1	83-9070	Hose - Radiator	9 31 1
76-0370	Bolt - Shoulder	29 12 2	83-9080	Connector - Bleed	9 30 1
76-0370	Bolt - Shoulder	28 23 2	83-9130	Keeper - Cable	26 27 1
76-0390	Spacer	30 15 1	83-9140	Clutch Assembly	22 39 1
76-0410	Spring - Compression	30 7 1	83-9150	Decal - Starting Fluid	3 10 1
76-1420	Wheel - Steering	8 10 1	83-9170	Right Channel Assembly	3 44 1
76-2200	Footrest - Traction	2 12 1	83-9210	Cable - Battery Neg.	32 8 1
76-2260	Pad - Footrest	2 11 1	83-9210	Cable - Ground	20 31 1
76-2320	Shaft	27 4 1	83-9220	Cable - Battery Pos.	32 7 1
76-2330	Nut - Lock	27 5 1	83-9220	Cable - Battery Pos.	21 66 1
76-2350	Seal/Retainer Assembly	17 * 1	83-9240	Hold-Down - Battery	32 21 1
76-2360	Body Seal Kit	17 * 1	83-9250	Lever - Brake	15 36 2
76-2430	Scraper - Pulley	28 2 2	83-9270	Pivot - Brake L.H.	15 40 1
76-2460	Bearing Assembly	22 7 2	83-9310	Pivot - Brake R.H.	15 * 1
76-6471	Trim - Control Panel Bottom	3 41 1	83-9330	Shaft - Brake	15 41 1
77-3100	Decal - Warning	9 4 1	83-9340	Shield - Grass	15 13 2
80-6980	Latch - Hood	6 12 1	83-9350	Rod - Parking Brake	15 1 1
80-6990	Washer	26 18 4	83-9440	Hydraulic Tube Assembly	18 2 1
80-7345	Hose	6 29	83-9450	Tube - Hydraulic	18 10 1
81-1690	Clamp - Throttle Cable	20 21 1	83-9470	Hydraulic Tube Assembly	18 1 1
82-3110	Sensor - Temp	20 16 1	83-9480	Tube - Hydraulic	18 8 1
83-7260	Cone - Relief Valve	12 18 2	83-9550	Decal - Warning	3 11 1
83-7340	Fork - Caster	31 6 1	83-9600	Hose - Hydraulic	11 7 2
83-7540	Engine Assembly	20 54 1	83-9600	Hose - Hydraulic	18 13 2
83-7550	Radiator Assembly	9 35 1	83-9610	Hose - Hydraulic	24 12 1
83-7590	Pulley - Engine	20 55 1	83-9620	Hose - Hydraulic	26 42 1
83-7610	Hub - Fan	20 44 1	83-9640	Hose - Hydraulic	24 14 1
83-7630	Pulley - Fan	20 43 1	83-9640	Hose - Hydraulic	11 27 1
83-7690	Bracket - Idler	20 5 1	83-9650	Hose - Hydraulic	11 1 1
83-7700	Bracket - Alternator	20 34 1	83-9650	Hose - Hydraulic	10 21 1
83-7720	Reservoir - Hydraulic	10 1 1	83-9651	Hose - Hydraulic	10 14 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3316-361

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
83-9680	Screw - Cap Hex. Hd.	22 27 1	92-3198	Pulley - Engine	20 48 1
83-9690	Spring - Compression	22 26 1	92-3199	Pulley - Clutch	22 36 1
83-9700	Fender - L.H.	1 9 1	92-7905	Switch Assembly	14 28 1
83-9710	Footrest - L.H.	1 7 1	92-7906	Switch	14 37 1
83-9720	Fender - RH	2 17 1	92-7910	Harness - Wire	7 1 1
83-9730	Step - Foot	3 36 1	92-7910	Harness - Wire	21 65 1
83-9740	Footrest - RH	2 15 1	92-7914	Wire - Fusible Link	7 3 1
83-9760	Bracket - Cylinder Support	26 1 1	92-7917	Clevis	11 25 1
83-9800	Shield - Grass Front L.H.	1 14 1	92-7918	Bracket - Lever	2 20 1
83-9810	Bushing - Flange	22 24 1	92-7921	Rod - Link	2 2 1
83-9840	Pad - Footrest L.H.	1 5 1	92-7922	Plate - Pump Pivot	11 33 1
83-9880	Bracket - Fan Spindle	20 47 1	92-7923	Lever - Pump Clutch	2 8 1
83-9910	Gasket - Muffler	21 58 1	92-7924	Retainer - Belt	11 13 1
83-9920	Bracket - Reservoir	10 13 1	92-7940	Housing - Charge Pump	12 21 1
83-9970	Latch - Hood	1 3 1	92-8776	Plug Assembly	13 52 2
84-1650	Decal - Brake	1 12 1	92-8777	Seal - O-Ring	12 51 2
84-1990	Rod - Adjusting	15 32 2	92-9023	Hydraulic Pump Assembly	12 8 1
84-2000	Bracket - Brake	15 29 2	92-9023	Hydraulic Pump Assembly	11 31 1
84-7770	Field & Rotor Assembly	23 1 1	92-9705	Switch Assembly	26 3 1
84-7780	Armature Assembly	23 2 1	92-9706	Switch	26 21 1
84-8440	Bushing - Flange	26 11 2	217-60	Rim	15 21 2
85-4870	Support - Hinge	1 20 1	218-461	Nut - Hex.	3 33 2
85-4890	Hinge - Hood	1 24 1	218-469	Fuse - 15 Amp.	6 10 2
85-4910	Air Cleaner (Complete)	5 * 1	218-489	Fuse Holder Assembly	6 9 2
85-4910	Air Cleaner Assembly	3 47 1	218-562	Lens - Light	6 43 1
85-4990	Hose - Hydraulic	24 20 1	219-17	Bulb - Light	6 6 4
85-5000	Plate - Throttle	6 34 1	219-18	Bulb - Light	6 42 1
85-5010	Bracket - Right Front	4 54 1	231-122	Tire	31 13 1
85-5140	Foam - Hood	4 56 2	231-127	Tire	15 20 2
85-5160	Lever - Lift Valve	24 2 1	232-27	Valve - Stem	15 24 2
85-5170	Sleeve	9 41 1	232-47	Valve - Stem	31 12 1
85-5180	Trim	3 51 2	233-37	Knob	24 1 1
85-5230	Bracket - Seat Pivot	4 62 2	237-7	Seal - O-Ring	3 31 1
85-5270	Key - Ignition	6 18 2	237-21	Seal - O-Ring	24 18 2
85-5310	Hose - Hydraulic	24 13 1	237-21	Seal - O-Ring	16 47 3
85-5310	Hose - Hydraulic	26 41 1	237-22	O-Ring	12 2 1
85-5330	Plate - Seat Mounting	4 64 1	237-22	Seal - O-Ring	24 7 4
85-5340	Tube - Seat Pivot	3 7 2	237-22	Seal - O-Ring	26 40 2
85-6540	Stud - Drive	15 26 8	237-30	Seal - O-Ring	18 3 4
87-4140	Warning Light Assembly	6 7 1	237-30	Seal - O-Ring	11 6 5
87-6270	Socket - Warning Light	6 5 1	237-30	Seal - O-Ring	15 7 2
88-6720	Bracket - Radiator Front	9 33 1	237-30	Seal - O-Ring	3 26 1
88-6730	Bracket - Screen Front	9 44 1	237-30	Seal - O-Ring	9 38 2
88-8220	Valve - By-Pass	12 4 1	237-37	Bumper - Rubber	3 6 2
92-1157	Shaft	17 10 1	237-42	Seal - O-Ring	25 2 2
92-1177	Hose - Hydraulic	24 8 1	237-42	Seal - O-Ring	24 5 1
92-1177	Hose - Hydraulic	9 27 1	237-42	Seal - O-Ring	11 30 2
92-1177	Hose - Hydraulic	21 67 1	237-42	Seal - O-Ring	26 38 2
92-1178	Hose - Hydraulic	11 9 1	237-65	Seal - O-Ring	18 11 2
92-1178	Hose - Hydraulic	10 27 1	237-65	Seal - O-Ring	15 44 2
92-1583	Hose - Hydraulic	9 24 1	237-71	Seal - O-Ring	3 42 1
92-1583	Hose - Hydraulic	11 28 1	237-78	Seal - O-Ring	24 10 2
92-1812	Shaft - Lift Pivot	28 25 2	237-78	Seal - O-Ring	18 16 2
92-1812	Shaft - Lift Pivot	29 31 1	237-78	Seal - O-Ring	16 46 2
92-1815	Rod - Pivot	28 13 2	237-79	Seal - O-Ring	11 4 4
92-1815	Rod - Pivot	29 26 1	237-79	Seal - O-Ring	10 18 1
92-1818	Arm - Tension	29 7 1	237-80	Seal - O-Ring	15 9 4
92-1818	Arm - Tension	28 29 2	237-81	Seal - O-Ring	10 3 4
92-1822	Shackle	28 26 2	237-86	O-Ring	12 15 4
92-1822	Shackle	29 34 1	237-95	O-Ring	12 27 1
92-2368	Knob - Clamp	9 46 2	240-11	Grommet	10 9 3
92-2373	Frame	8 19 1	240-11	Grommet	32 16 3
92-3153	Cable - Throttle	21 64 1	240-13	Bumper	22 16 2
92-3153	Throttle Assembly	6 30 1	241-129	Rim	31 11 1
92-3154	Tab - Throttle	21 62 1	241-130	Spacer - Bearing	31 10 1
92-3162	Bushing - Flange	8 4 4	242-50	Nut - Lug	15 22 8
92-3165	Steering Shaft & Gear	8 5 1	2410-18	Plug	33 2 1
92-3172	Rack - Steering	8 16 1	2410-73	Retainer - Teather	10 6 1
92-3178	Decal - Instrument Panel	6 2 1	2411-52	End - Rod	14 17 1
92-3181	Spacer - Fan	20 42 1	2411-53	End - Rod	14 22 1
92-3182	Panel - Skirt	3 12 1	2412-34	Clamp - Hose	11 2 1
92-3183	Panel - Instrument	6 1 1	2412-34	Clamp - Hose	20 10 1
92-3185	Support - Bearing	22 6 2	2412-34	Clamp - Hose	9 29 5
92-3186	Belt - Pump Drive	11 21 1	2412-36	Clamp - Hose	32 10 2
92-3187	Belt - Drive	22 37 1	2412-36	Clamp - Hose	10 26 1
92-3188	Diode - Circuit Board	7 2 1	2412-39	Clamp - R	3 17 3
92-3194	Switch Assembly	6 24 1	2412-39	Clamp - R	20 35 2
92-3195	Knob	6 23 1	2412-41	Clamp - R	9 15 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
2412-74	Clamp - R	9 3 1	323-15	Screw - Cap Hex. Hd.	22 19 1
2412-92	Clamp - Hose	20 12 1	323-23	Screw - Cap Hex. Hd.	26 20 2
2412-92	Clamp - Hose	3 48 1	325-6	Screw - Cap Hex. Hd.	31 1 1
2412-93	Clamp - R	20 15 1	325-9	Screw - Cap Hex. Hd.	11 15 2
2412-108	Clamp - Hose	32 4 4	325-11	Screw - Cap Hex. Hd.	15 28 8
2412-108	Clamp - Hose	9 10 1	325-18	Screw - Cap Hex. Hd.	11 36 1
2412-108	Clamp - Hose	20 17 2	3210-7	Screw - Cap Hex. Hd.	14 30 1
2412-133	Clamp - R	3 16 2	3212-34	Clamp - Hose	10 16 3
251-8	Bearing - Ball	12 35 1	3217-6	Nut - Hex.	1 17 4
251-77	Collar - Locking	22 9 2	3217-26	Nut - Hex.	6 38 1
251-259	Bearing - Ball	14 31 1	3217-29	Nut - Lock	14 3 2
251-321	Bearing - Wheel	31 9 2	3218-6	Nut - Jam	30 9 1
251-337	Bearing - Ball	22 8 2	3218-17	Nut - Jam	22 12 1
252-82	Bearing - Needle	12 9 2	3218-19	Nut - Hex.	6 22 2
256-1	Bushing - Sleeve	26 23 3	3219-14	Nut - Hex.	33 3 1
256-2	Bushing - Sleeve	26 44 1	3219-14	Nut - Hex.	6 14 6
256-27	Bushing - Sleeve	8 6 2	3220-2	Nut - Jam	2 3 1
256-115	Washer - Thrust	28 12 2	3220-2	Nut - Jam	14 19 2
256-115	Washer - Thrust	29 25 1	3220-2	Nut - Jam	15 33 2
256-173	Bushing - Sleeve	30 11 1	3220-5	Nut - Jam	8 14 1
256-245	Bushing - Flange	8 18 2	3220-12	Nut - Jam	31 19 1
256-247	Bushing - Flange	8 1 2	3220-20	Nut - Jam	14 21 1
256-320	Bushing	1 21 2	3229-1	Bolt - Carriage	28 1 2
256-321	Bushing - Sleeve	4 59 4	3229-1	Screw - Carriage	2 10 2
2710-16	Connecting Link Assembly	24 3 1	3229-22	Bolt - Carriage	4 63 2
281-1	Plug - Pipe	9 37 2	3230-1	Screw - Carriage	32 19 2
281-7	Plug - Pipe	9 1 1	3230-1	Screw - Carriage	20 33 1
282-2	Clevis	2 4 1	3230-2	Bolt - Carriage	4 65 2
282-2	Clevis	15 34 2	3230-22	Screw - Carriage	20 6 1
282-4	Clevis	29 5 1	3230-23	Screw - Carriage	1 10 6
282-4	Clevis	26 31 4	3230-23	Screw - Carriage	10 23 6
283-1	Pin - Clevis	2 5 1	3230-27	Screw - Carriage	2 13 1
283-1	Pin - Clevis	29 20 1	3231-22	Bolt - Carriage	9 23 2
283-1	Pin - Clevis	15 37 2	3231-26	Screw - Carriage	20 7 1
283-2	Pin - Clevis	11 26 1	3231-31	Bolt - Carriage	22 21 1
283-6	Pin - Clevis	29 6 1	3234-4	Screw - Cap Hex. Hd.	9 7 2
283-6	Pin - Clevis	26 14 4	3234-4	Screw - Hex. Flange Hd.	3 13 3
283-40	Pin - Clevis	28 3 2	3234-4	Screw - Hex. Flange Hd.	22 29 2
283-40	Pin - Clevis	29 14 2	3234-4	Screw - Hex. Washer Hd.	6 8 3
283-42	Pin - Clevis	26 9 1	3234-4	Screw - Hex. Washer Hd.	26 10 1
283-55	Pin - Clevis	30 5 1	3234-4	Screw - Hex. Washer Hd.	10 22 2
283-62	Pin - Clevis	20 19 1	3234-5	Screw - Hex. Flange Hd.	3 1 21
283-75	Pin - Clevis	28 20 4	3234-5	Screw - Hex. Flange Hd.	2 18 3
283-75	Pin - Clevis	29 32 2	3234-5	Screw - Hex. Washer Hd.	15 4 2
283-78	Pin - Clevis	26 36 1	3234-5	Screw - Hex. Washer Hd.	1 6 11
285-17	Plug - Pipe	12 1 6	3234-5	Screw - Hex. Washer Hd.	9 19 2
302-5	Fitting - Grease	31 3 2	3234-5	Screw - Hex. Washer Hd.	20 32 1
302-5	Fitting - Grease	8 3 4	3234-11	Screw - Hex. Flange Hd.	3 40 4
302-5	Fitting - Grease	30 14 1	3234-11	Screw - Hex. Washer Hd.	26 29 1
302-5	Fitting - Grease	22 33 2	3234-17	Screw - Hex. Washer Hd.	9 21 4
302-60	Fitting - Grease	28 16 2	3234-24	Screw - Hex. Flange Hd.	20 26 4
302-60	Fitting - Grease	29 30 1	3234-25	Screw - Hex. Washer Hd.	26 17 5
321-5	Screw - Cap Hex. Hd.	15 15 8	3234-28	Screw - Hex. Washer Hd.	9 13 8
321-6	Screw - Cap Hex. Hd.	14 10 2	3234-28	Screw - Hex. Washer Hd.	20 53 1
321-8	Screw - Cap Hex. Hd.	3 52 2	3234-32	Screw - Cap Hex. Hd.	22 5 4
321-11	Screw - Cap Hex. Hd.	4 61 2	3234-32	Screw - Cap Hex. Hd.	29 28 1
321-12	Screw - Cap Hex. Hd.	32 2 1	3234-32	Screw - Hex. Flange Hd.	28 14 2
321-13	Screw - Cap Hex. Hd.	11 18 3	3234-36	Screw - Hex. Flange Hd.	3 15 1
321-14	Screw - Cap Hex. Hd.	20 40 4	3242-4	Screw - Square Hd. Set	22 3 6
321-23	Screw - Cap Hex. Hd.	24 16 2	3245-35	Screw - Set	22 10 4
322-4	Screw - Cap Hex. Hd.	28 10 2	3249-3	Screw - Round Hd.	26 6 2
322-4	Screw - Cap Hex. Hd.	29 23 1	3249-3	Screw - Round Hd.	14 27 2
322-4	Screw - Cap Hex. Hd.	12 24 4	3253-2	Washer - Lock	6 15 5
322-7	Screw - Cap Hex. Hd.	20 37 2	3253-3	Washer - Lock	11 19 3
322-9	Screw - Cap Hex. Hd.	18 5 1	3253-4	Washer - Lock	28 11 2
322-9	Screw - Cap Hex. Hd.	14 18 2	3253-4	Washer - Lock	1 18 4
322-12	Screw - Cap Hex. Hd.	8 11 1	3253-4	Washer - Lock	29 22 2
322-17	Screw - Cap Hex. Hd.	15 2 1	3254-9	Washer - ITLW	14 2 2
322-17	Screw - Cap Hex. Hd.	14 8 1	3254-9	Washer - Lock Internal	26 5 2
322-17	Screw - Cap Hex. Hd.	22 31 9	3254-11	Washer - Lock ETLW	6 39 1
322-26	Screw - Cap Hex. Hd.	29 36 1	3255-2	Washer - Lock	31 20 1
323-5	Screw - Cap Hex. Hd.	10 11 3	3255-2	Washer - Lock ETLW	11 12 1
323-5	Screw - Cap Hex. Hd.	32 18 3	3255-7	Washer - ETLW	14 26 3
323-6	Screw - Cap Hex. Hd.	9 47 4	3255-7	Washer - Lock ETLW	11 34 3
323-7	Screw - Cap Hex. Hd.	29 8 1	3255-8	Washer - Lock E.T.L.W.	20 30 1
323-7	Screw - Cap Hex. Hd.	28 28 2	3256-3	Washer - Flat	18 6 1
323-11	Screw - Cap Hex. Hd.	12 46 4	3256-6	Washer - Flat	28 15 2
323-13	Screw - Cap Hex. Hd.	26 46 1	3256-6	Washer - Flat	29 27 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

3316-361

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3256-14	Washer - Flat	6 16 2	3296-59	Nut - Lock	14 33 1
3256-16	Washer - Flat	15 12 8	3298-8	Screw - Set	6 32 1
3256-22	Washer - Flat	9 6 2	32104-6	Screw - Cap Hex. Hd.	28 32 2
3256-22	Washer - Flat	24 15 2	32104-6	Screw - Cap Hex. Hd.	29 35 1
3256-22	Washer - Flat	3 53 2	32104-82	Screw - Hex. Washer Hd.	1 15 5
3256-23	Washer	16 49 1	32104-116	Screw - Hex. Washer Hd.	9 2 8
3256-23	Washer - Flat	26 4 2	32107-11	Nut - Square	5 4 2
3256-23	Washer - Flat	20 9 23	32120-10	Ring - Retaining	20 45 1
3256-23	Washer - Flat	26 16 1	32120-11	Ring - Retaining	12 36 1
3256-23	Washer - Flat	1 19 4	32120-15	Ring - Retaining	12 34 1
3256-23	Washer - Flat	22 30 15	32121-6	Pin - Roll	14 15 1
3256-23	Washer - Flat	9 43 2	32121-6	Pin - Roll	3 21 1
3256-24	Washer	12 50 1	32121-6	Pin - Roll	15 39 2
3256-24	Washer - Flat	22 25 2	32121-9	Pin - Roll	30 13 1
3256-24	Washer - Flat	26 25 3	32121-10	Pin - Roll	8 9 1
3256-24	Washer - Flat	20 27 16	32121-23	Pin - Roll	30 1 1
3256-24	Washer - Flat	14 34 1	32121-24	Pin - Roll	14 24 1
3256-26	Washer - Flat	11 14 1	32121-34	Pin - Dowel	11 32 1
3256-26	Washer - Flat	8 21 2	32121-91	Pin - Coiled Spring	12 38 3
3256-28	Washer - Flat	31 16 1	32122-2	Screw - Round Hd.	33 2 1
3256-45	Washer - Flat	29 10 4	32128-14	Nut - Flange Lock	1 4 2
3256-45	Washer - Flat	28 19 4	32128-20	Nut - Flange Lock	3 46 4
3256-53	Washer - Flat	14 38 2	32128-20	Nut - Jam	2 14 2
3256-54	Washer - Flat	30 4 1	32128-20	Nut - Lock	16 48 2
3256-57	Washer - Flat	29 37 1	32128-33	Nut - Flange Lock	28 4 2
3257-15	Key - Square	15 10 2	32128-33	Nut - Flange Lock	3 9 2
3257-15	Key - Square	17 11 1	32128-33	Nut - Flange Lock	22 14 2
3257-32	Key - Woodruff	12 7 1	32128-33	Nut - Flange Lock	2 19 2
3257-32	Key - Woodruff	11 17 1	32128-33	Nut - Flange Lock	6 31 3
3258-19	Screw - Round Hd.	5 2 2	32128-33	Nut - Flange Lock	3 34 5
3272-4	Pin - Cotter	26 13 1	32128-43	Nut - Flange Lock	20 1 5
3272-6	Pin - Cotter	2 1 2	32128-43	Nut - Flange Lock	26 2 7
3272-6	Pin - Cotter	31 14 1	32128-43	Nut - Flange Lock	9 16 6
3272-6	Pin - Cotter	29 19 1	32128-43	Nut - Flange Lock	22 23 2
3272-6	Pin - Cotter	8 20 1	32128-43	Nut - Flange Lock	3 37 4
3272-6	Pin - Cotter	15 31 5	32128-44	Nut - Flange Lock	20 4 5
3272-6	Pin - Cotter	11 37 1	32128-44	Nut - Flange Lock	1 8 10
3272-6	Pin - Cotter	26 43 1	32128-44	Nut - Flange Lock	2 16 3
3272-10	Pin - Cotter	28 22 4	32128-44	Nut - Flange Lock	3 18 12
3272-10	Pin - Cotter	20 23 1	32128-44	Nut - Flange Lock	32 20 3
3272-10	Pin - Cotter	29 33 2	32128-44	Nut - Flange Lock	9 26 4
3272-11	Pin - Cotter	29 4 1	32128-44	Nut - Hex. Flange Hd.	10 12 6
3272-11	Pin - Cotter	26 32 5	32128-44	Nut - Lock	15 3 2
3272-13	Pin - Cotter	29 13 2	32136-4	Nut - Castle	8 12 1
3272-13	Pin - Cotter	28 27 2	32136-4	Nut - Castle	31 15 1
3273-18	Screw - Hex. Socket Hd.	22 34 4	32144-18	Screw - Hex. Hd.	6 4 2
3274-90	Screw - Hex. Socket Hd.	6 13 2	32148-7	Insert - Threaded	3 3 5
3290-379	Tie - Cable	4 * 1	32148-7	Insert - Threaded	1 11 3
3290-379	Tie - Cable	22 41 1	32148-8	Insert - Threaded	1 13 1
3290-379	Tie - Cable	21 59 4	32148-8	Insert - Threaded	9 14 3
3290-413	Washer - Belleville	2 7 1	32148-8	Insert - Threaded	4 58 1
3290-432	Screw - Hex. Hd.	20 20 1	32148-14	Insert - Threaded	21 63 1
3290-467	Pin - Cotter Hair	1 22 2	32149-9	Nut - Flange Lock	6 35 2
3296-4	Nut - Lock	26 15 1	32151-46	Ring - Retaining	12 13 2
3296-6	Nut - Lock	11 22 1	32153-3	Nut - Lock	9 45 2
3296-16	Nut - Flange Lock	24 9 2	340-2	Fitting - Hydraulic Straight	26 47 1
3296-16	Nut - Lock	14 4 2	340-4	Fitting - Hydraulic Straight	11 8 1
3296-23	Nut - Flange Lock	22 28 4	340-17	Fitting - Hydraulic 90°	15 43 2
3296-23	Nut - Lock	11 10 3	340-20	Fitting - Hydraulic Tee	24 21 1
3296-23	Nut - Lock	15 42 8	340-77	Fitting - Hydraulic 90°	24 6 1
3296-28	Nut - Lock	8 22 2	340-87	Fitting - Hydraulic 45°	26 39 1
3296-29	Nut - Flange Lock	8 7 1	340-92	Fitting - Hydraulic Straight	24 11 1
3296-29	Nut - Flange Lock	22 32 6	340-99	Fitting - Hydraulic 90°	11 29 2
3296-29	Nut - Lock	18 9 1	340-101	Fitting - Hydraulic 45°	11 5 2
3296-29	Nut - Lock	14 32 3	340-103	Fitting - Hydraulic 45°	16 45 1
3296-29	Nut - Lock	9 42 2	340-103	Fitting - Hydraulic 90°	24 22 1
3296-39	Nut - Flange Lock	24 17 1	340-105	Fitting - Hydraulic 90°	15 8 2
3296-39	Nut - Flange Lock	26 26 3	340-110	Fitting - Hydraulic 90°	24 19 1
3296-39	Nut - Lock	29 15 1	340-127	Nut - Bulkhead	9 25 2
3296-39	Nut - Lock	22 17 2	340-140	Fitting - Hydraulic Tee	16 * 1
3296-39	Nut - Lock	28 31 2	340-162	Fitting - Hydraulic 90°	18 12 1
3296-42	Nut - Lock	3 8 2	340-163	Fitting - Hydraulic 90°	18 4 1
3296-42	Nut - Lock	15 11 8	353-987	Fitting - Hydraulic 90°	10 17 1
3296-42	Nut - Lock	9 40 2	354-77	Hydraulic Test Port Fitting	18 15 2
3296-51	Nut - Lock	31 17 1	354-79	Cap - Test Port	18 14 2
3296-59	Nut - Lock	29 9 2	354-120	Fitting - Hydraulic 90°	10 25 1
3296-59	Nut - Lock	28 18 2	354-127	Fitting - Hydraulic 45°	10 20 2
3296-59	Nut - Lock	2 21 1	354-128	Fitting - Hydraulic 90°	11 3 1

*Not Illustrated

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Reelmaster 216-D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Reelmaster 216-D, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial number of the Reelmaster 216-D.
2. Part number, description, and the quantity of part(s) desired.

NOTE: Do not order by reference number if a parts catalog is being used; use the PART NUMBER.

TABLE OF CONTENTS

Description	Page	Description	Page
Hood & Grille Assembly	1	Crankshaft Assembly	35
Right Footrest & Pump Clutch Lever Assembly	2	Cylinder Head Assembly	36
Skirt Assembly	3-4	Rocker Arm Assembly	37
Air Cleaner Assembly	5	Camshaft Assembly	38
Instrument Panel Assembly	6	Timing Cover Assembly	39
Electrical Schematic	7	Oil Pump Assembly	40
Frame Assembly	8	Fuel Injection System Assembly	41
Radiator Assembly	9	Injection Pump Assembly	42-43
Hydraulic Reservoir & Filter Assembly	10	Flywheel Housing Assembly	44
Hydraulic Pump Installation Assembly	11	Flywheel Assembly	45
Hydraulic Pump Assembly No. 92-9023	12-13	Starter Installation Assembly	46
Traction Control Assembly	14	Starter Assembly	47
Front Wheel Assembly	15-16	Oil Sump Assembly	48
Hydraulic Drive Motor No. 66-5291	17	Valve Cover Assembly	49
Drive Motor Plumbing Assembly	18	Oil Filter Assembly	50
Hydraulic Schematic	19	Front Drive Pulley Assembly	51
Engine Installation Assembly	20-21	Water Pump Assembly	52
Reel Drive Assembly	22	Alternator Assembly	53
Electric Clutch Assembly No. 83-9140	23	Timing Cover Plate Assembly	54
Cutting Unit Lift Valve Installation Assembly	24	Exhaust Manifold Assembly	55
Control Valve No. 43-1950	25	Low Pressure Fuel System Assembly	56
Cutting Unit Lift Assembly	26	Lift Pump Assembly	57
Hydraulic Cylinder No. 76-0020	27	Fuel Filter Assembly	58
Front Cutting Unit Lift Arm Assembly	28	Cold Start System Assembly	59
Rear Cutting Unit Lift Arm Assembly	29	Engine Lifting Tab Assembly	60
Belt Tensioner Assembly No. 83-7900	30	Throttle Stop Assembly	61
Rear Wheel Assembly	31	Recorder Assembly	62
Fuel System Assembly	32	Electrical Component Assembly	63
Special Tools	33	International Decal Cross Reference	64-66
Cylinder Block Assembly	34	TORO Part Number Index	67-71