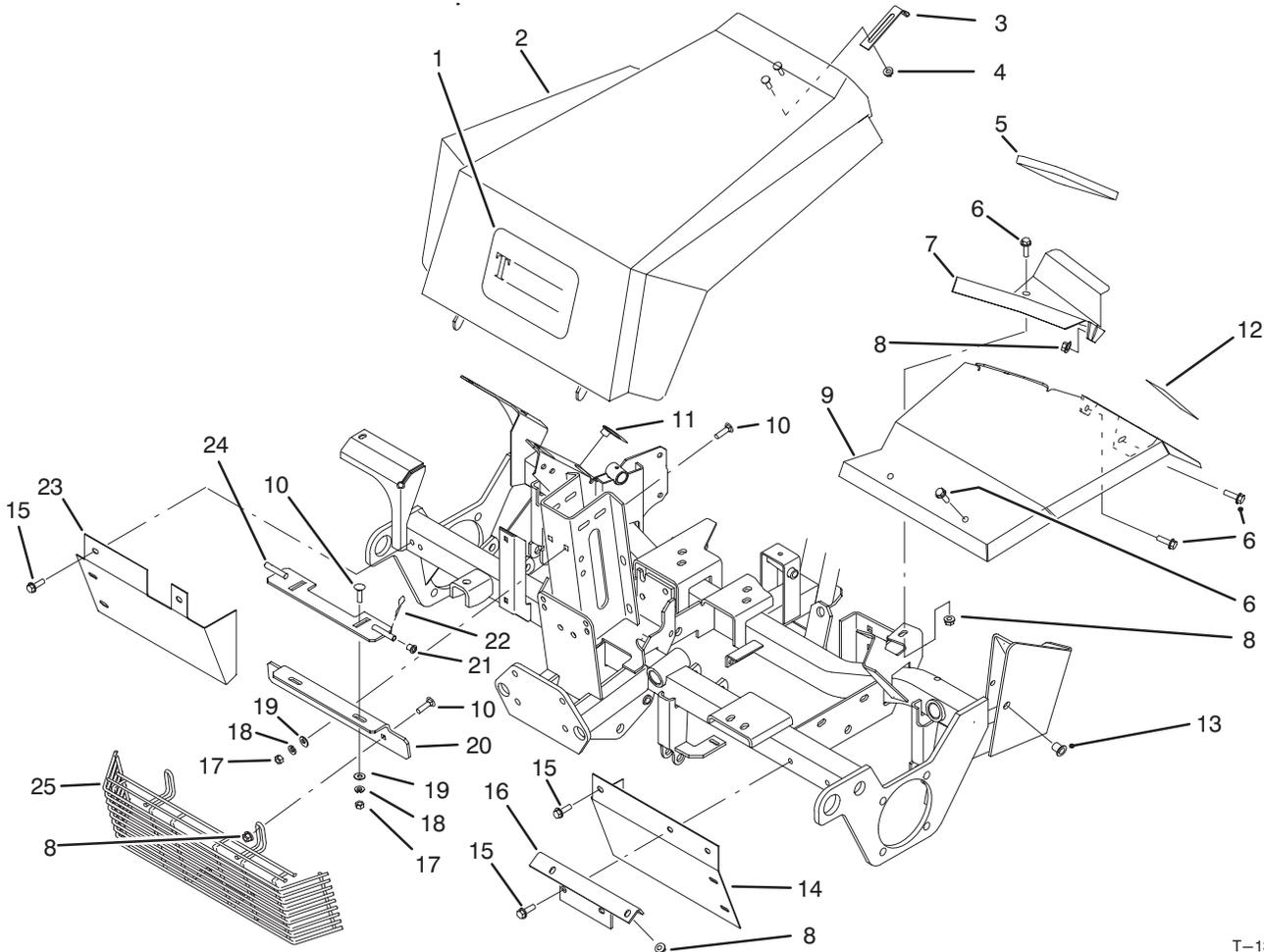




MODEL NO. 03425-50001 & UP	PARTS CATALOG
REELMASTER® 216-D 3wd TRACTION UNIT	



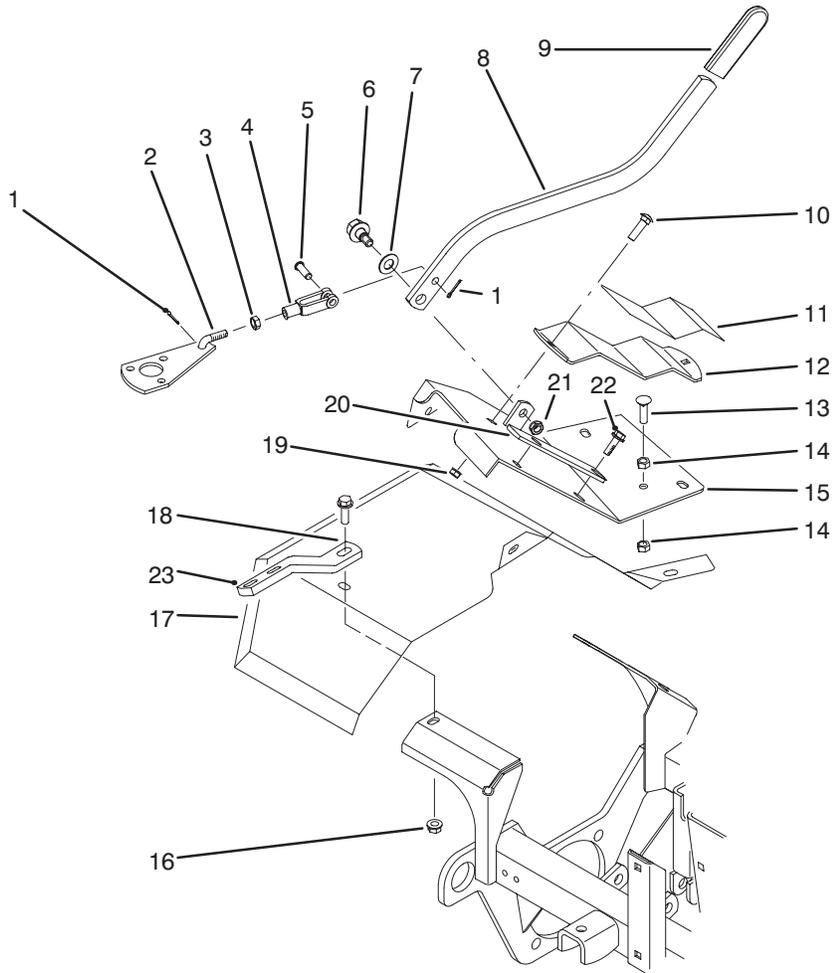
T-1347

HOOD & GRILLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	62-7400	Decal - TORO	1
2	14-5759	Hood	1
3	83-9970	Latch - Hood	1
4	32128-14	Nut - Flange Lock	2
5	83-9840	Pad - Footrest L.H.	1
6	3234-5	Screw - Hex. Washer Hd.	12
7	83-9710	Footrest - L.H.	1
8	32128-44	Nut - Flange Lock	10
9	83-9700	Fender - L.H.	1
10	3230-23	Screw - Carriage	6
11	32148-7	Insert - Threaded	3
12	84-1650	Decal - Brake	1
12	93-7267	Decal - Brake (Europe)	1
13	32148-8	Insert - Threaded	1

Ref. No.	Part No.	Description	No. Used
14	83-9800	Shield - Grass Front L.H.	1
15	32104-82	Screw - Hex. Washer Hd.	5
16	83-8510	Bracket - Fender L.H.	1
17	3217-6	Nut - Hex.	4
18	3253-4	Washer - Lock	4
19	3256-23	Washer - Flat	4
20	85-4870	Support - Hinge	1
21	256-320	Bushing	2
22	3290-467	Pin - Cotter Hair	2
23	83-8860	Shield - Grass Front R.H.	1
24	85-4890	Hinge - Hood	1
25	83-8850	Grille - Front	1
*	93-7252	Decal - C.E. (Europe)	1

*Not Illustrated

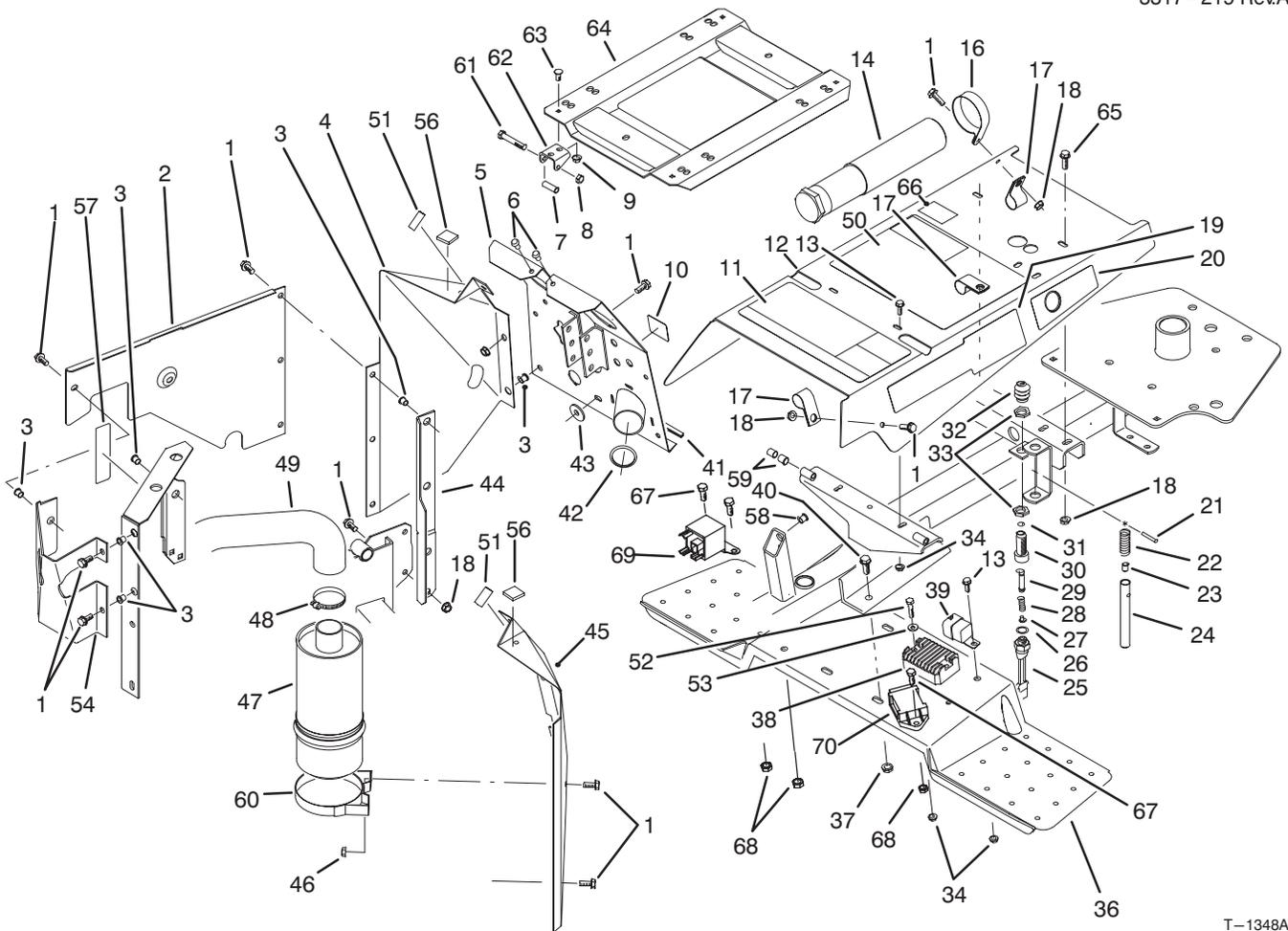


T-1816

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
12	76-2200	Footrest - Traction	1

Ref. No.	Part No.	Description	No. Used
13	3230-27	Screw - Carriage	1
14	32128-20	Nut - Jam	2
15	83-9740	Footrest - RH	1
16	32128-44	Nut - Flange Lock	3
17	83-9720	Fender - RH	1
18	3234-36	Screw - Hex. Flange Hd.	1
19	32128-33	Nut - Flange Lock	2
20	92-7918	Bracket - Lever	1
21	3296-59	Nut - Lock	1
22	3234-17	Screw - Hex. Flange Hd.	2
23	93-0100	Bracket - Exhaust Support	1

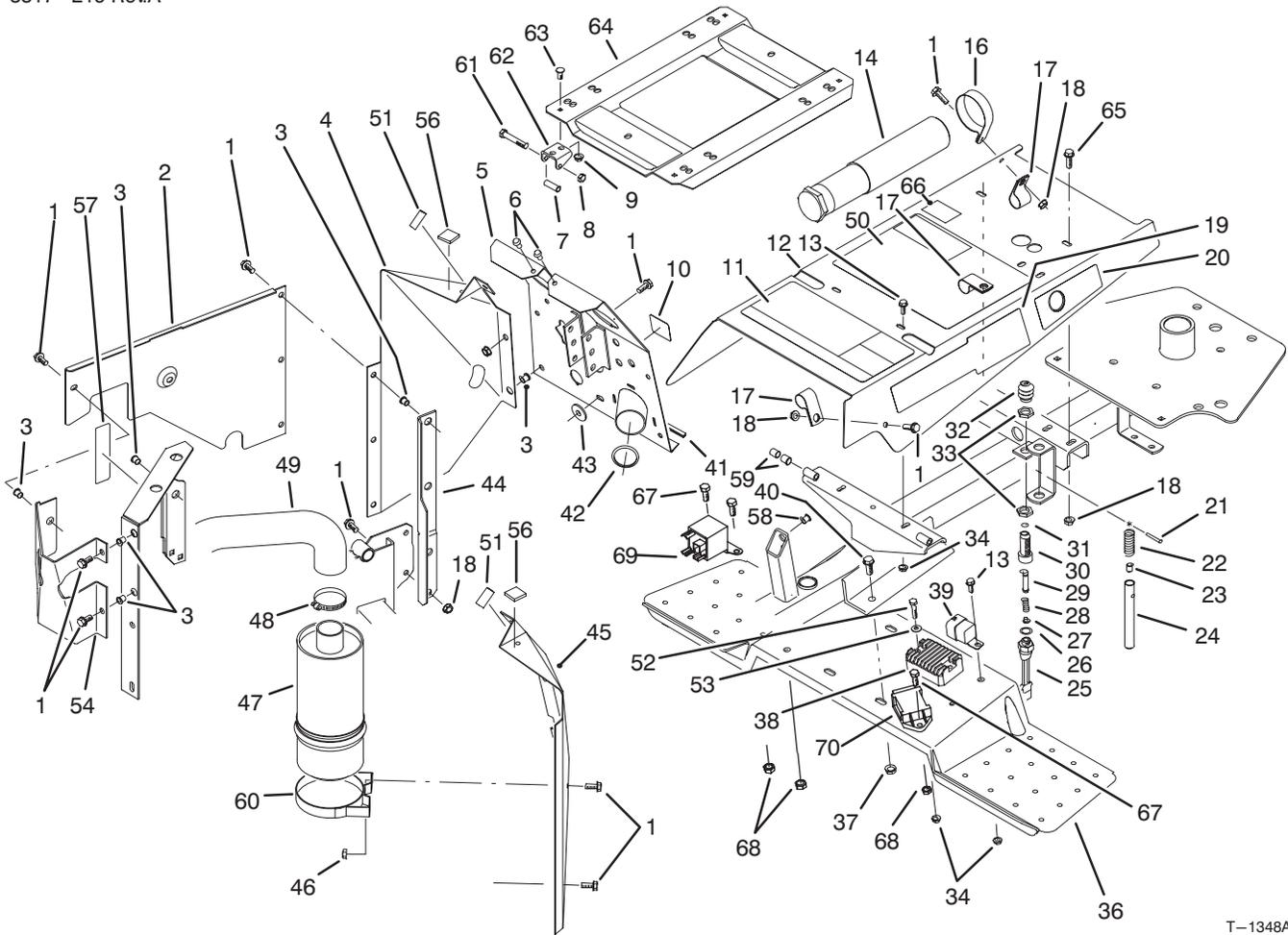


T-1348A

SKIRT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3234-5	Screw - Hex. Flange Hd.	24	25	72-4320	Switch - Seat	1
2	83-8230	Panel - Right Front	1	26	237-30	Seal - O-Ring	1
3	32148-7	Insert - Threaded	8	27	43-8610	Guide - Spring	1
4	83-8120	Panel - Right Rear	1	28	43-8600	Spring - Compression	1
5	83-8190	Panel - Control	1	29	43-8860	Plunger - Switch	1
6	237-37	Bumper - Rubber	2	30	43-8620	Guide - Pin	1
7	85-5340	Tube - Seat Pivot	2	31	237-7	Seal - O-Ring	1
8	3296-42	Nut - Lock	2	32	43-8870	Boot - Switch	1
9	32128-33	Nut - Flange Lock	2	33	218-461	Nut - Hex.	2
10	83-9150	Decal - Starting Fluid	1	34	32128-33	Nut - Flange Lock	5
10	93-7275	Decal - Starting Fluid (Europe)	1	36	83-9730	Step - Foot	1
11	83-9550	Decal - Warning	1	37	32128-43	Nut - Flange Lock	4
11	93-7271	Decal - Warning (Europe)	1	†38	185516060	Regulator - Voltage	1
12	16-3869	Skirt Panel (Incl. Ref. #11, 19 & 50)	1	39	70-1480	Relay	1
13	3234-4	Screw - Hex. Flange Hd.	3	40	3234-11	Screw - Hex. Flange Hd.	4
14	74-0720	Tube - Manual	1	41	76-6471	Trim - Control Panel Bottom	1
16	2412-133	Clamp - R	2	42	237-71	Seal - O-Ring	1
17	2412-39	Clamp - R	3	43	62-7170	Spacer	1
18	32128-44	Nut - Flange Lock	10	44	83-9170	Right Channel Assembly (Incl. Ref. #3)	1
19	83-8890	Decal - Reelmaster 216-D	2	45	83-8110	Panel - Left	1
21	32121-6	Pin - Roll	1	46	32128-20	Nut - Flange Lock	4
22	37-9590	Spring - Compression	1	47	85-4910	Air Cleaner Assembly	1
23	28-6180	Pin	1	48	2412-92	Clamp - Hose	1
24	27-9870	Pin - Seat	1	49	83-8550	Hose - Air Cleaner	1
				50	83-8900	Decal - Service Information	1

†Obtain from your Local Perkins Dealer



T-1348A

SKIRT ASSEMBLY (Continued)

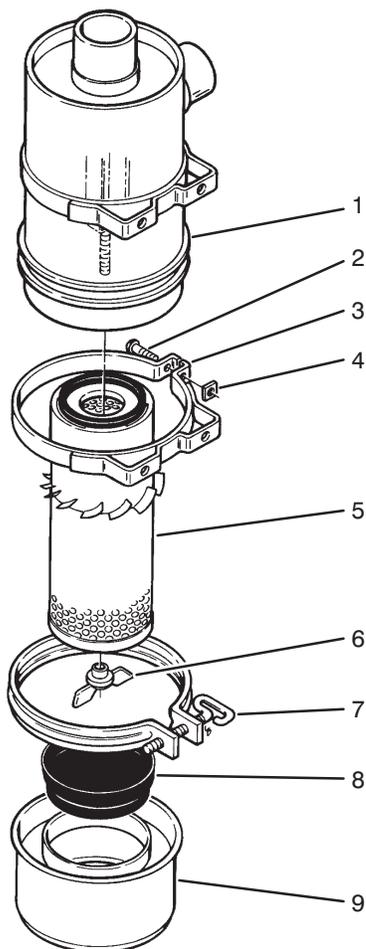
Ref. No.	Part No.	Description	No. Used
50	84-7120	Decal - Service (Danish)	1
50	84-7130	Decal - Service (Dutch)	1
50	84-7140	Decal - Service (Finnish)	1
50	84-7150	Decal - Service (French)	1
50	84-7160	Decal - Service (German)	1
50	84-7170	Decal - Service (Italian)	1
50	84-7190	Decal - Service (Norwegian)	1
50	93-7279	Decal - Service (Portuguese)	1
50	84-7200	Decal - Service (Spanish)	1
50	84-7210	Decal - Service (Swedish)	1
‡50	84-7180	Decal - Service (Japanese)	1
51	85-5180	Trim	2
52	321-8	Screw - Cap Hex. Hd.	2
53	3256-22	Washer - Flat	2
54	85-5010	Bracket - Right Front	1
56	85-5140	Foam - Hood	2
57	67-5360	Decal - Danger	1

Ref. No.	Part No.	Description	No. Used
57	93-7273	Decal - Warning (Europe)	1
58	32148-8	Insert - Threaded	1
59	256-321	Bushing - Sleeve	4
60	33-1350	Clamp Assembly	2
61	321-11	Screw - Cap Hex. Hd.	2
62	85-5230	Bracket - Seat Pivot	2
63	3229-22	Bolt - Carriage	2
64	85-5330	Plate - Seat Mounting	1
65	3230-2	Bolt - Carriage	2
66	92-7948	Decal - Service Assistance	1
67	321-4	Screw - Cap Hex. Hd.	3
68	3296-56	Nut - Lock	3
†69	385230120	Relay - Glow Plug	1
†70	385870612	Controller - Glow Plug	1
*	3290-379	Tie - Cable	1
*	43-9071	Seat Switch Assembly (Incl. Ref. #25-33)	1

*Not Illustrated

†Obtain from your Local Perkins Dealer

‡Not part of European parts kit. Order separately.

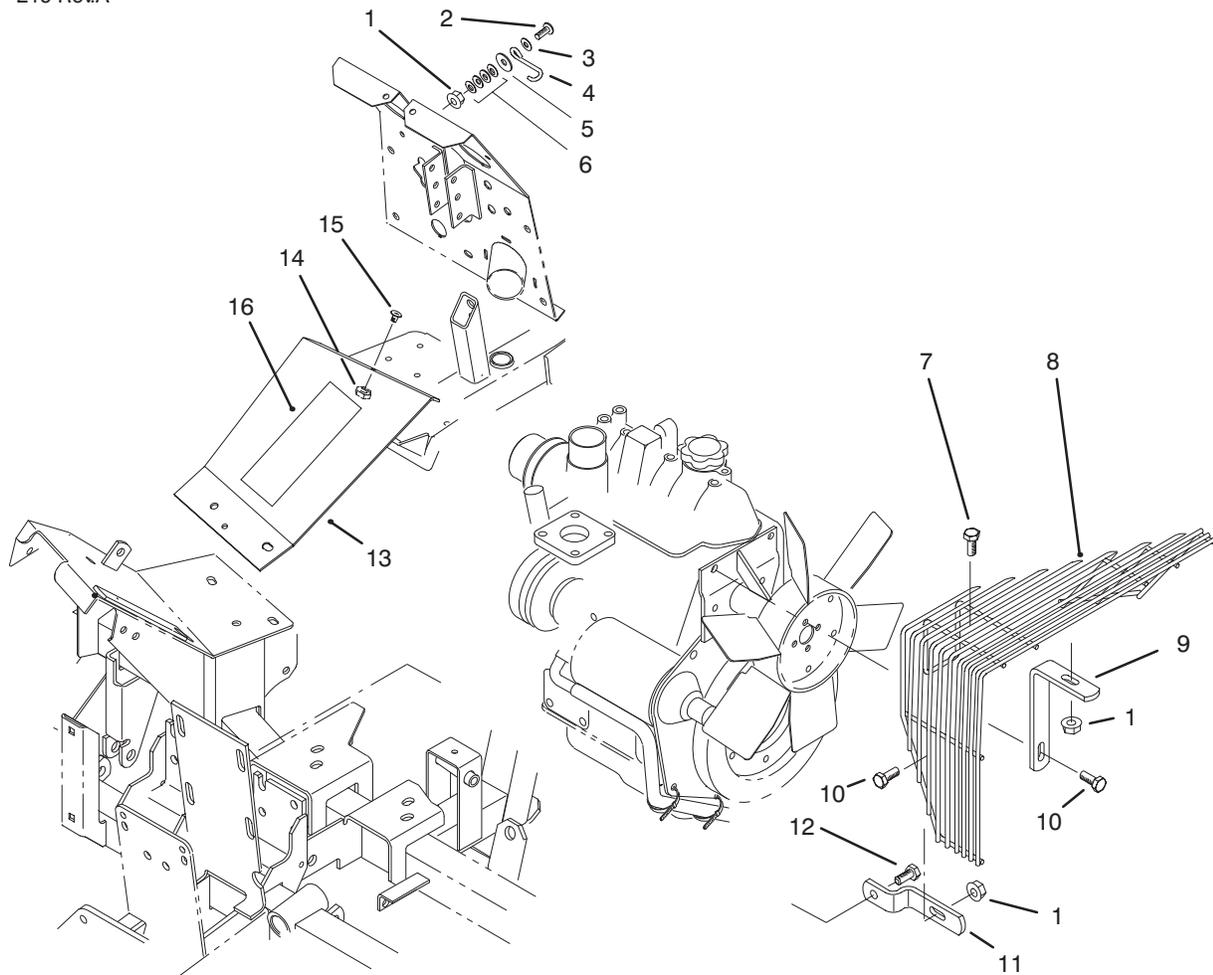


T-1349

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

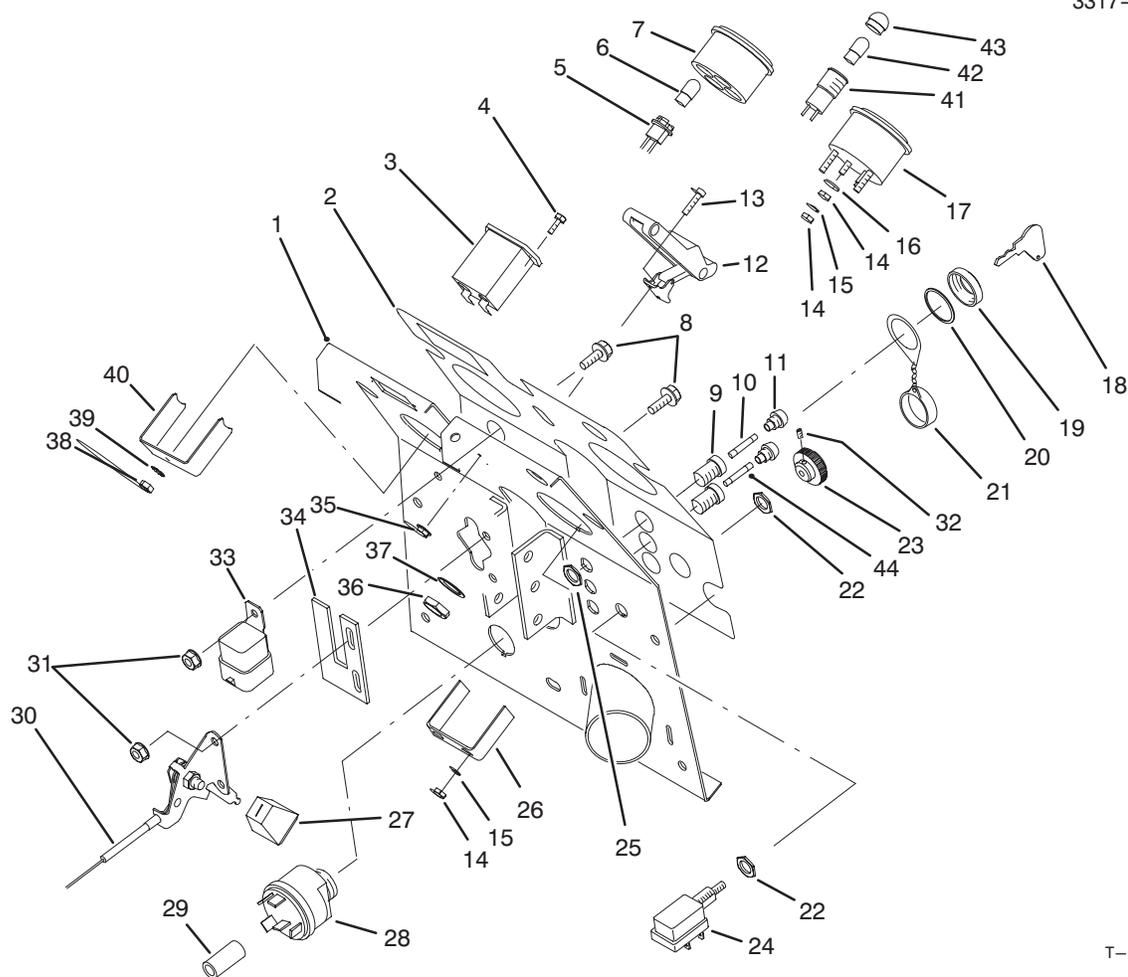


T-2022

SHIELD ASSEMBLY (Europe)

Ref. No.	Part No.	Description	No. Used
1	32128-44	Nut – Flange Lock	3
2	32122-35	Screw – Phillips Truss Hd.	1
3	3256-2	Washer – Flat	1
4	93-7726	Hook	1
5	3256-4	Washer – Flat	1
6	3256-2	Washer – Flat	A/R
7	3234-17	Screw – Hex. Flange Hd.	2
8	93-7717	Guard – Engine Fan	1

Ref. No.	Part No.	Description	No. Used
9	93-7718	Bracket – Top, Fan Guard	1
10	48-7730	Screw – Cap Hex. Hd.	1
11	93-7719	Bracket – Front, Fan Guard	1
12	3234-24	Screw – Cap Hex. Hd.	1
13	93-7724	Shield – Footrest, RH	1
14	3296-42	Nut – Lock	1
15	3250-32	Screw – Phillips Pan Hd.	1
16	76-2260	Pad – Footrest	1

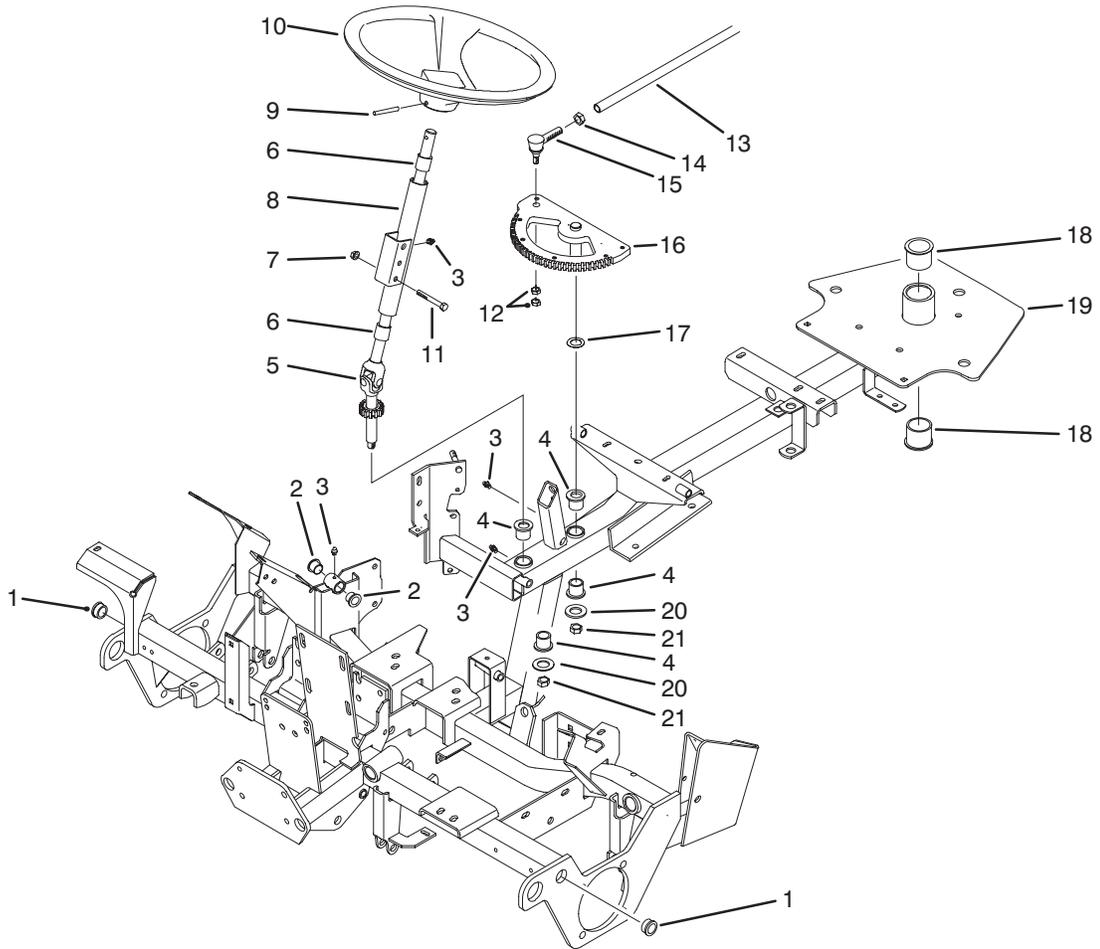


T-1350A

INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-4412	Panel - Instrument	1	24	92-3194	Switch Assembly (Incl. Ref. #22, 23 & 32)	1
2	93-4413	Decal - Instrument Panel	1	25		Nut - Hex.	2
3	75-6820	Hourmeter	1	26		Clamp - Gauge	1
4	32144-18	Screw - Hex. Hd.	2	27		Knob - Throttle	1
5	87-6270	Socket - Warning Light	1	†28	385201160	Starter Switch Assembly (Incl. Ref. #18 & 19)	1
6	219-17	Bulb - Light	4	29	80-7345	Hose	1
7	92-9775	Warning Light Assembly (Incl. Ref. #5, 6 & 38-40)	1	30	92-3153	Throttle Assembly (Incl. Ref. #27)	1
8	3234-4	Screw - Hex. Washer Hd.	3	31	32128-33	Nut - Flange Lock	3
9	218-489	Fuse Holder Assembly (Incl. Ref. #11 & 25)	3	32	3298-8	Screw - Set	1
10	218-469	Fuse - 15 Amp.	2	33	70-1480	Relay	1
11		Cap - Fuse Holder	2	34	85-5000	Plate - Throttle	1
12	80-6980	Latch - Hood	1	35	32149-9	Nut - Flange Lock	2
13	3274-90	Screw - Hex. Socket Hd.	2	36		Nut - Hex.	1
14	3219-14	Nut - Hex.	6	37		Washer - Flat	1
15	3253-2	Washer - Lock	5	38	3217-26	Nut - Hex.	1
16	3256-14	Washer - Flat	2	39	3254-11	Washer - Lock ETLW	1
17	93-4411	Temperature Gauge Assy. (Incl. Ref. #14-16 & 26)	1	40		Clamp - Mounting	1
18	85-5270	Key - Starter	2	41	44-2212	Light Assembly (Incl. Ref. #36-37 & 42-43)	1
†19		Nut - Retaining	1	42	219-18	Bulb - Light	1
†20	390190030	Seal - Switch	1	43	218-562	Lens - Light	1
†21	385800010	Cover - Switch	1	44	93-4410	Fuse - 25 Amp. (Slo-Blo)	1
22	3218-19	Nut - Hex.	2				
23	92-3195	Knob	1				

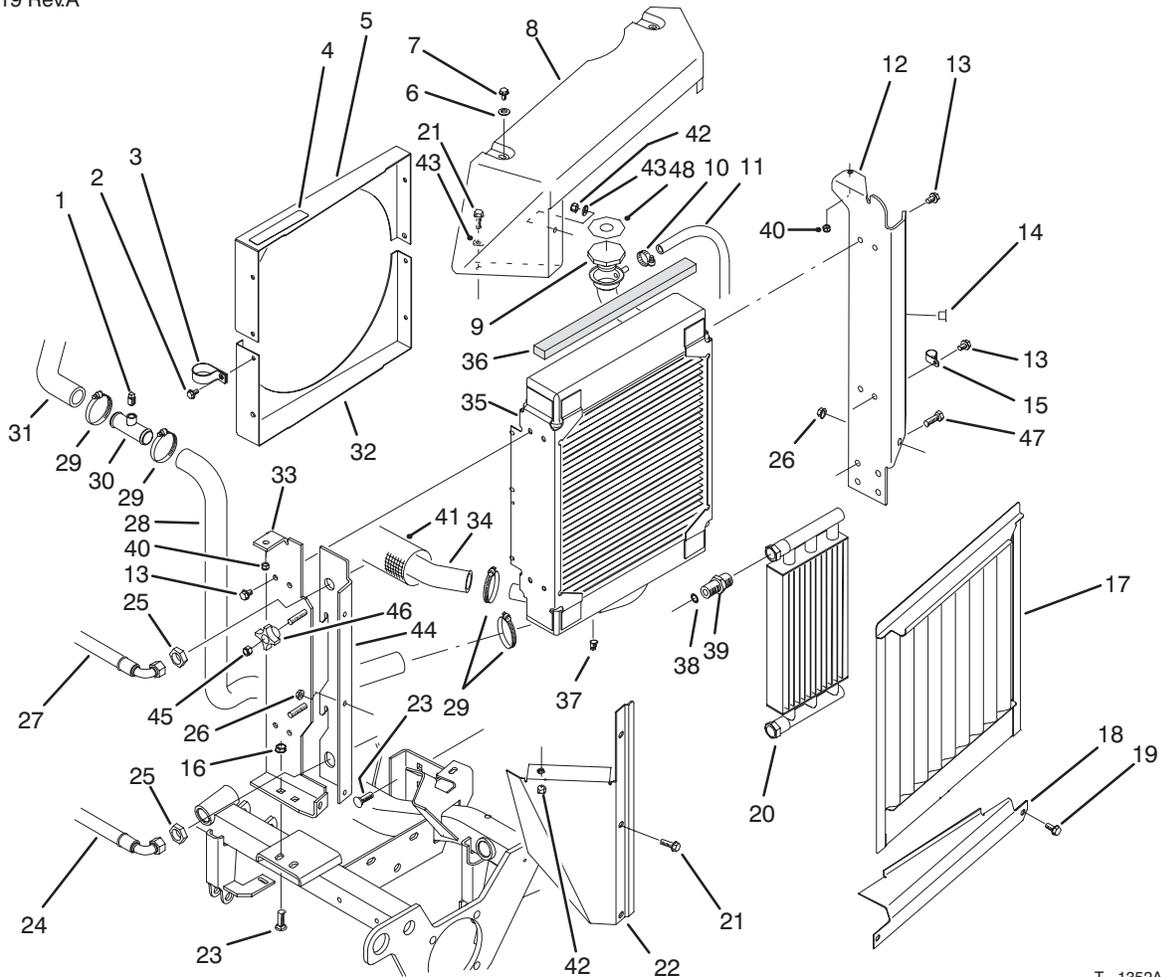
†Obtain from your local Perkins Dealer.



T-1351

FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	256-247	Bushing - Flange	2	12	3220-3	Nut - Jam	2
2	75-2160	Bushing - Flange	2	13	61-2070	Rod - Steering	1
3	302-5	Fitting - Grease	4	14	3220-5	Nut - Jam	1
4	92-3162	Bushing - Flange	4	15	21-0150	Rod End Assembly (Incl. Ref. #12)	1
5	92-3165	Steering Shaft & Gear	1	16	92-3172	Gear - Steering	1
6	256-27	Bushing - Sleeve	2	17	3-6498	Washer - Thrust	A/R
7	3296-29	Nut - Lock	1	18	256-245	Bushing - Flange	2
8	61-2090	Steering Column Assembly (Incl. Ref. #6)	1	19	92-2373	Frame	1
9	32121-10	Pin - Roll	1	20	3256-26	Washer - Flat	2
10	76-1420	Wheel - Steering	1	21	3296-28	Nut - Lock	2
11	322-12	Screw - Cap Hex. Hd.	1				

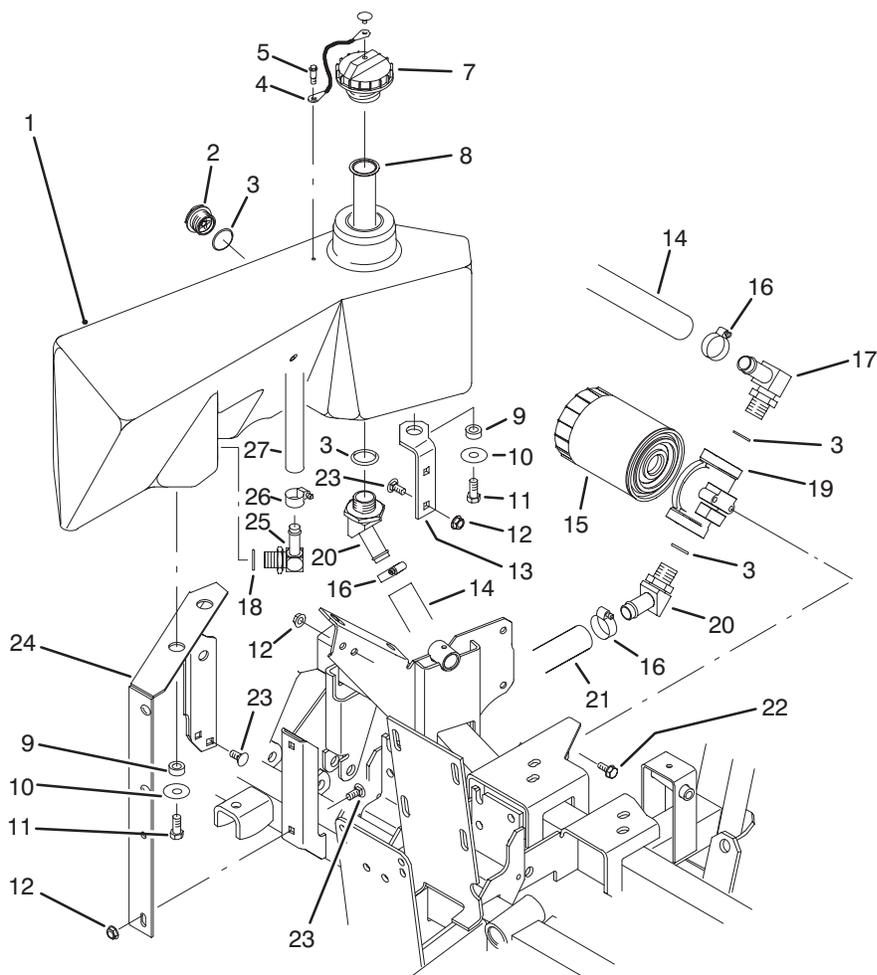


T-1352A

RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	281-7	Plug - Pipe	1
2	32104-116	Screw - Hex. Washer Hd.	8
3	2412-74	Clamp - R	1
4	77-3100	Decal - Warning	1
4	93-7272	Decal - Warning (Europe)	1
5	16-1149	Top Shroud Assembly (Incl. Ref. #4)	1
6	3256-22	Washer - Flat	2
7	3234-4	Screw - Cap Hex. Hd.	2
8	83-8040	Cover - Left	1
9	66-3240	Cap - Radiator	1
10	2412-108	Clamp - Hose	1
11	71-3382	Hose - Overflow	1
12	83-7980	Bracket - Radiator Rear	1
13	3234-28	Screw - Hex. Washer Hd.	8
14	32148-8	Insert - Threaded	3
15	2412-41	Clamp - R	1
16	32128-43	Nut - Flange Lock	6
17	83-8150	Screen - Radiator	1
18	83-8070	Bracket - Radiator Bottom	1
19	3234-5	Screw - Hex. Washer Hd.	2
20	24-0760	Cooler - Oil	1
21	3234-17	Screw - Hex. Washer Hd.	4
22	83-8210	Panel - Front Left	1
23	3231-22	Bolt - Carriage	2
24	92-1583	Hose - Hydraulic	1
25	340-127	Nut - Bulkhead	2

Ref. No.	Part No.	Description	No. Used
26	32128-44	Nut - Flange Lock	4
27	92-1177	Hose - Hydraulic	1
28	83-9060	Hose - Radiator	1
29	2412-34	Clamp - Hose	5
30	83-9080	Connector - Bleed	1
31	83-9070	Hose - Radiator	1
32	83-7850	Shroud - Fan Bottom	1
33	88-6720	Bracket - Radiator Front	1
34	83-9050	Hose - Radiator	1
35	83-7550	Radiator Assembly (Incl. Ref. #37)	1
36	83-9030	Foam - Top	1
37	281-1	Plug - Pipe	2
38	237-30	Seal - O-Ring	2
39	83-7970	Fitting - Hydraulic Bulkhead (Incl. Ref. #38)	2
40	3296-42	Nut - Lock	2
41	85-5170	Sleeve	1
42	3296-29	Nut - Lock	2
43	3256-23	Washer - Flat	2
44	88-6730	Bracket - Screen Front	1
45	32153-3	Nut - Lock	2
46	92-2368	Knob - Clamp	2
47	323-6	Screw - Cap Hex. Hd.	4
48	93-7840	Decal - Radiator Cap (Europe)	1

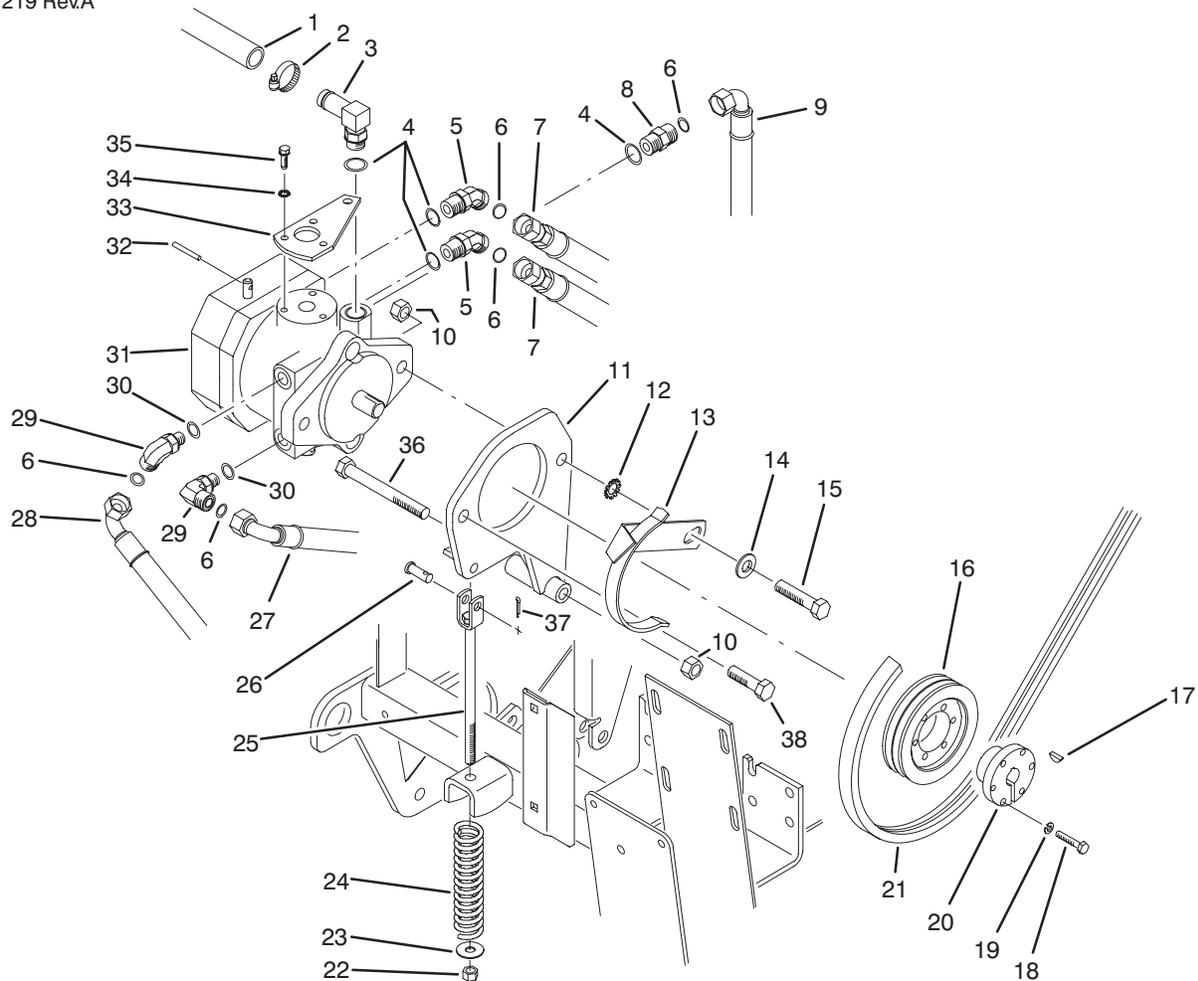


T-1353

HYDRAULIC RESERVOIR & FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83-7720	Reservoir - Hydraulic	1
2	69-1170	Glass - Sight (Incl. Ref. #3)	1
3	237-81	Seal - O-Ring	4
4	75-0540	Tether & Retainer Assembly	1
5	57-5420	Screw - Shoulder	1
7	93-7160	Cap - Hydraulic Reservoir (Incl. Ref. #4 & 6)	1
8	61-2790	Screen - Filler	1
9	240-11	Grommet	3
10	63-8410	Washer - Flat	3
11	323-5	Screw - Cap Hex. Hd.	3
12	32128-44	Nut - Hex. Flange Hd.	6
13	83-9920	Bracket - Reservoir	1
14	83-9651	Hose - Hydraulic	1
15	54-0110	Element - Oil Filter	1

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



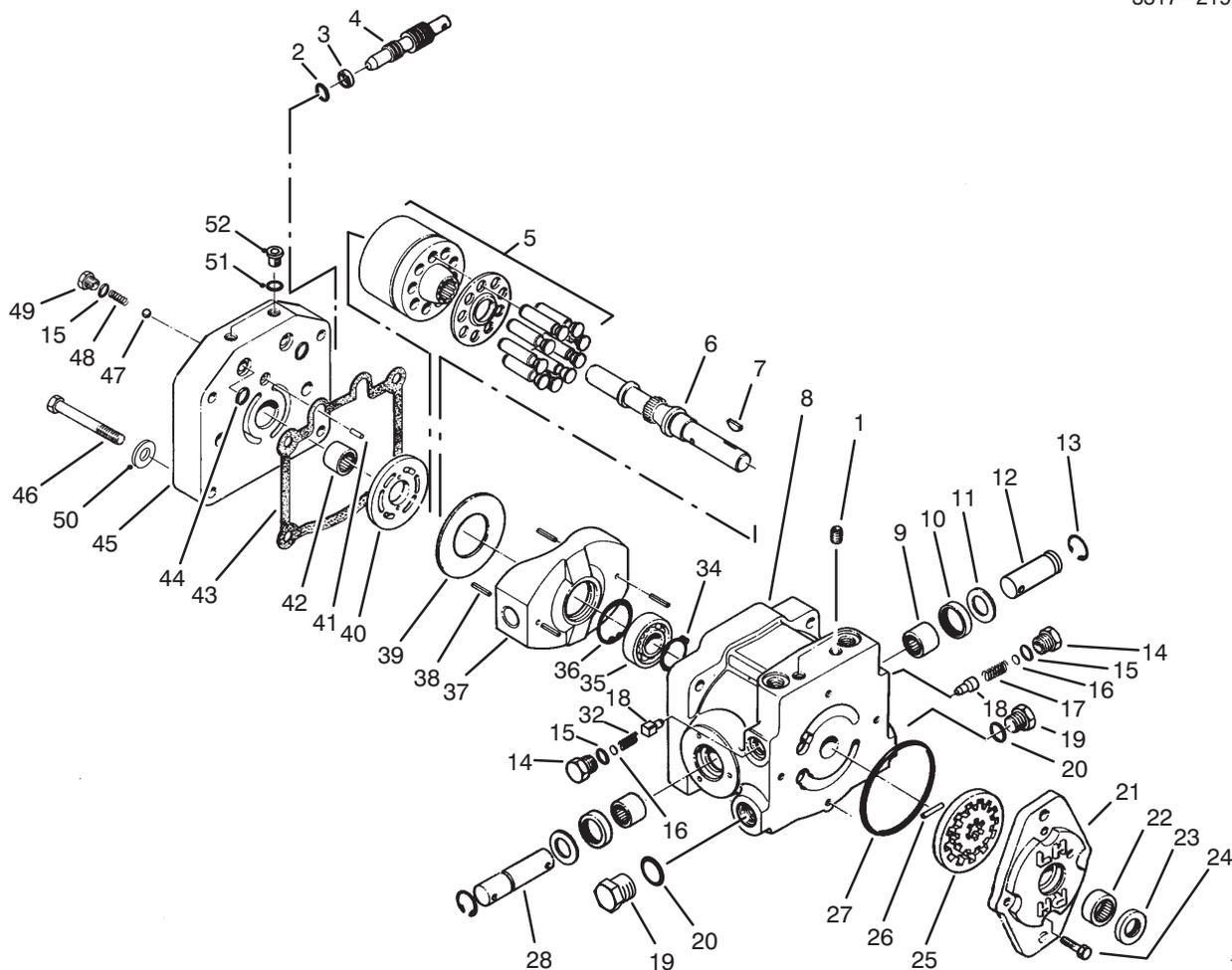
T-1354

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.	1
16	61-3330	Pulley	1
17	3257-32	Key - Woodruff	1
18	321-13	Screw - Cap Hex. Hd.	3
19	3253-3	Washer - Lock	3
20	59-2150	Taper Lock Bushing Assy. (Incl. Ref. #18 & 19)	1

Ref. No.	Part No.	Description	No. Used
21	92-3186	Belt - Pump Drive	1
22	3296-6	Nut - Lock	1
23	52-2861	Washer - Flat	1
24	3-6692	Spring - Compression	1
25	92-7917	Clevis	1
26	283-2	Pin - Clevis	1
27	83-9640	Hose - Hydraulic	1
28	92-1583	Hose - Hydraulic	1
29	340-99	Fitting - Hydraulic 90° (Incl. Ref. #6 & 30)	2
30	237-42	Seal - O-Ring	2
31	92-9023	Hydraulic Pump Assembly (Incl. Ref. #17)	1
32	32121-34	Pin - Dowel	1
33	92-7922	Plate - Pump Pivot	1
34	3255-7	Washer - Lock ETLW	3
35	49-2040	Screw - Hex. Flange Hd.	3
36	325-18	Screw - Cap Hex. Hd.	1
37	3272-6	Pin - Cotter	1
38	325-8	Screw - Cap Hex. Hd.	1
*	3290-378	Tie - Cable	1

*Not Illustrated



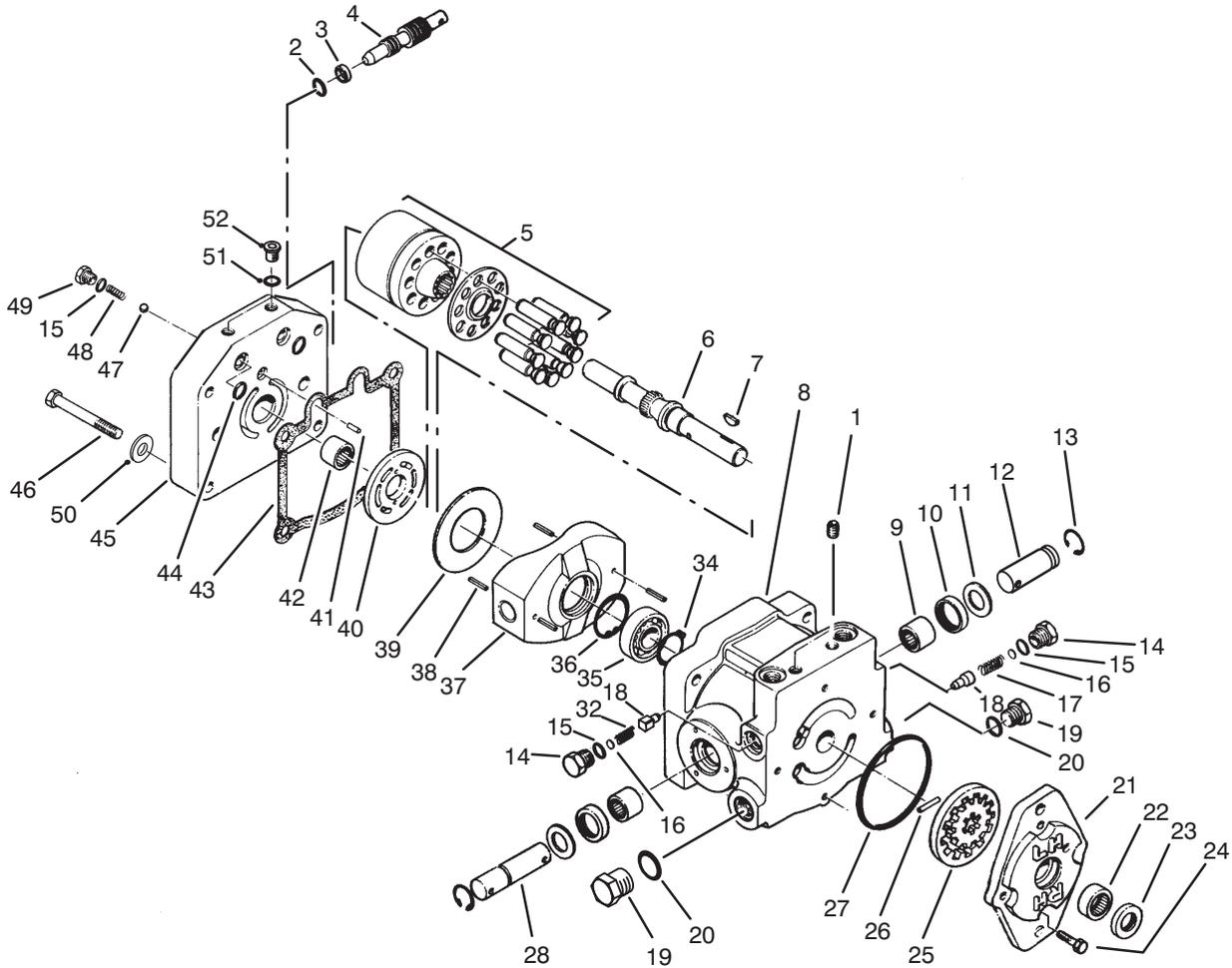
T-1809

HYDRAULIC PUMP ASSEMBLY NO. 92-9023

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

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

*Not Illustrated



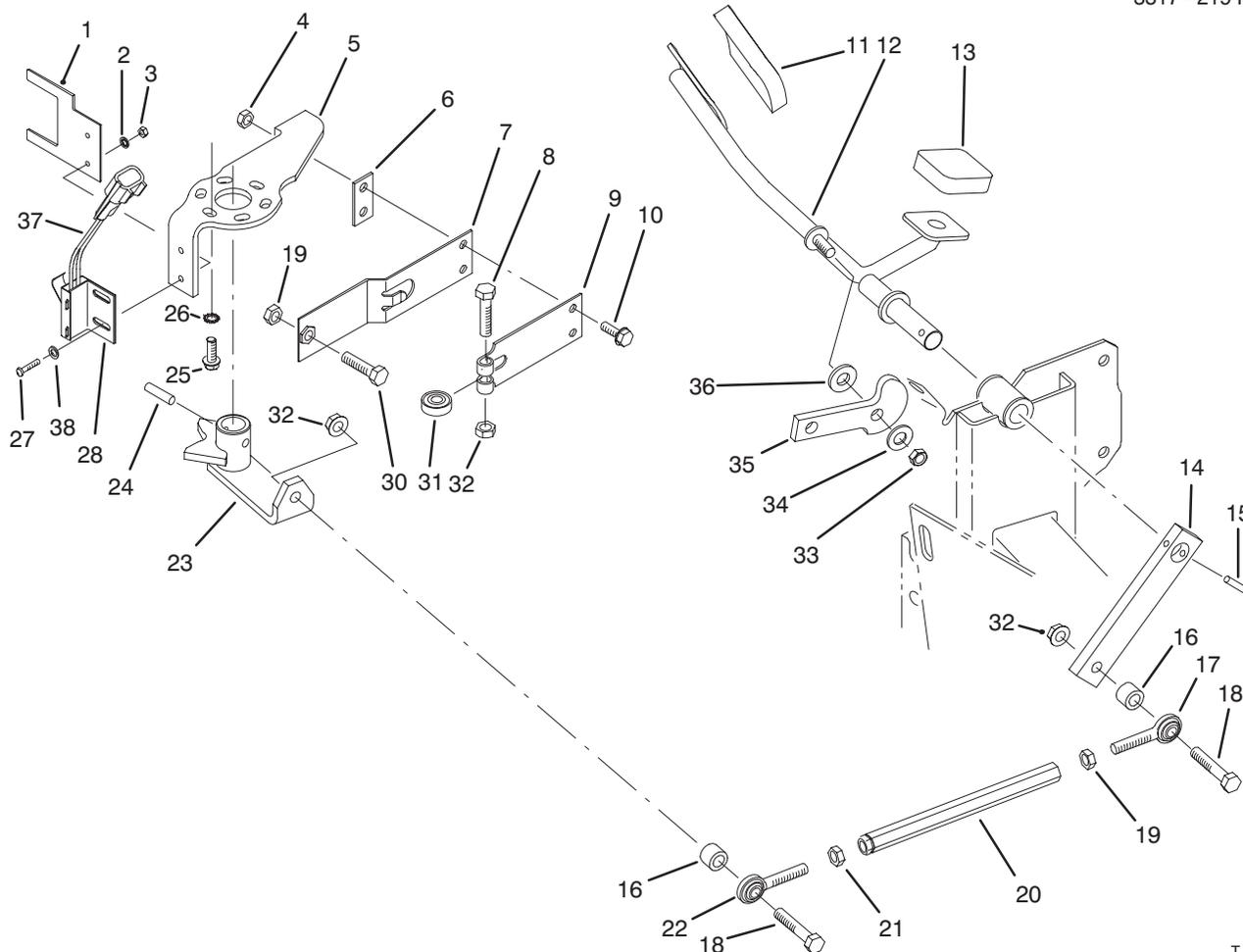
T-1809

HYDRAULIC PUMP ASSEMBLY NO. 92-9023 (Continued)

Ref. No.	Part No.	Description	No. Used
52	92-8776	Plug Assembly (Incl. Ref. #51)	2
*	49-8510	Kit - Charge Relief (Incl. Ref. #14-16, 18 & 32)	1

Ref. No.	Part No.	Description	No. Used
*	25-3180	Kit - Check Valve (Incl. Ref. #15, 47-49)	1
*	49-8520	Kit - Implement Relief (Incl. Ref. #14-18)	1

*Not Illustrated

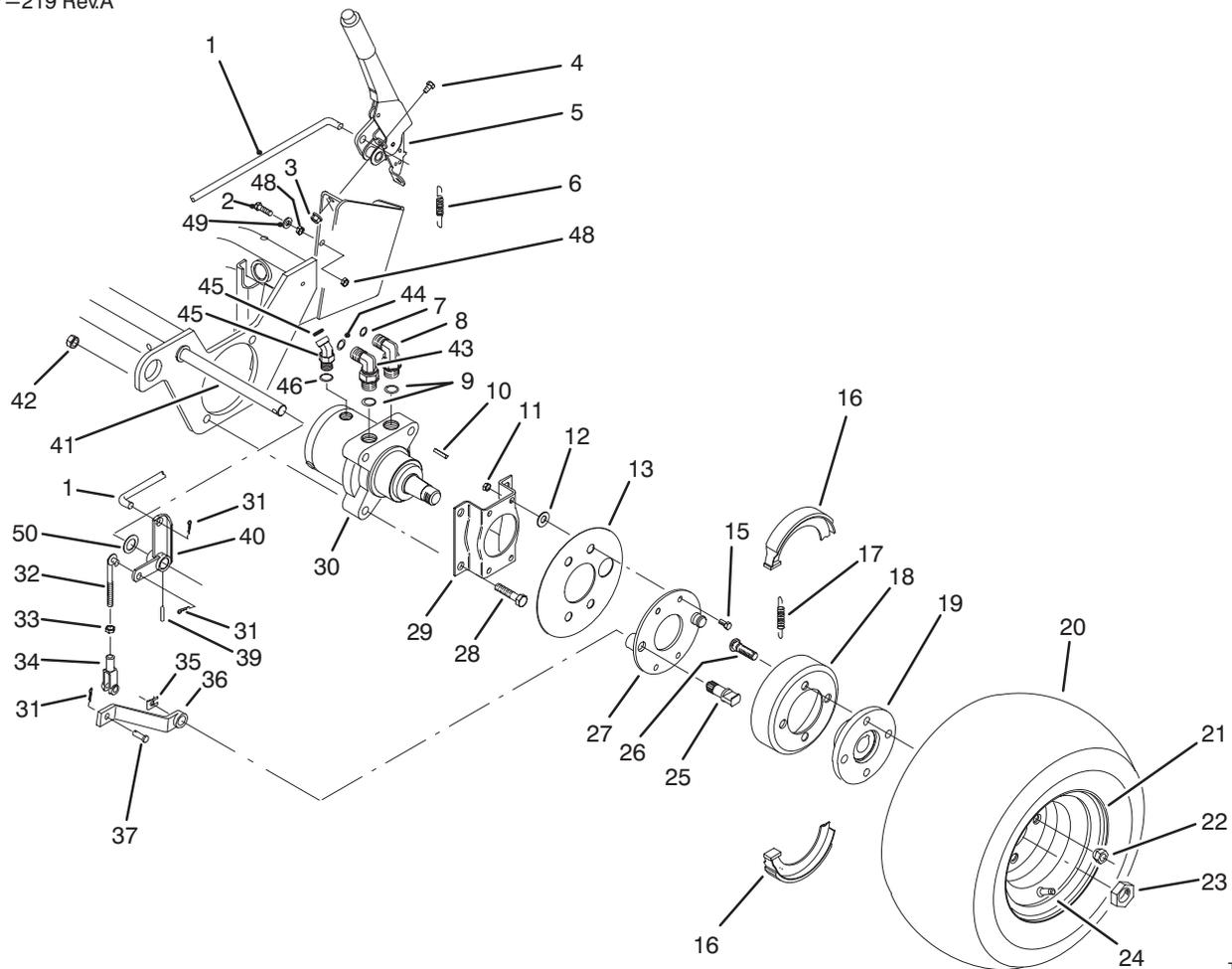


T-1355

TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	46-8810	Stop - Spring	1	21	3220-20	Nut - Jam	1
2	3254-9	Washer - ITLW	2	22	2411-53	End - Rod	1
3	3217-29	Nut - Lock	2	23	83-8770	Lever - Pump	1
4	3296-16	Nut - Lock	2	24	32121-24	Pin - Roll	1
5	29-6120	Plate - Pump	1	25	49-2040	Screw - Hex. Flange Hd.	3
6	51-3150	Shim - Spring	1	26	3255-7	Washer - ETLW	3
7	29-6170	Spring - Extended Leaf	1	27	3249-3	Screw - Round Hd.	2
8	322-17	Screw - Cap Hex. Hd.	1	28	92-7905	Switch Assembly (Incl. Ref. #37)	1
9	29-6150	Spring - Leaf	1	30	3210-7	Screw - Cap Hex. Hd.	1
10	321-6	Screw - Cap Hex. Hd.	2	31	251-259	Bearing - Ball	1
11	74-9100	Pad - Forward	1	32	3296-29	Nut - Lock	3
12	83-8270	Pedal - Traction	1	33	3296-59	Nut - Lock	1
13	74-9110	Pad - Reverse	1	34	3256-24	Washer - Flat	1
14	61-2610	Arm - Traction	1	35	74-6110	Cam - Stop	1
15	32121-6	Pin - Roll	1	36	66-2920	Spacer	1
16	61-2370	Spacer	2	37	92-7906	Switch	1
17	2411-52	End - Rod	1	38	3256-53	Washer - Flat	2
18	322-9	Screw - Cap Hex. Hd.	2	*	3290-378	Tie - Cable	1
19	3220-2	Nut - Jam	2				
20	83-8760	Rod - Control	1				

*Not Illustrated



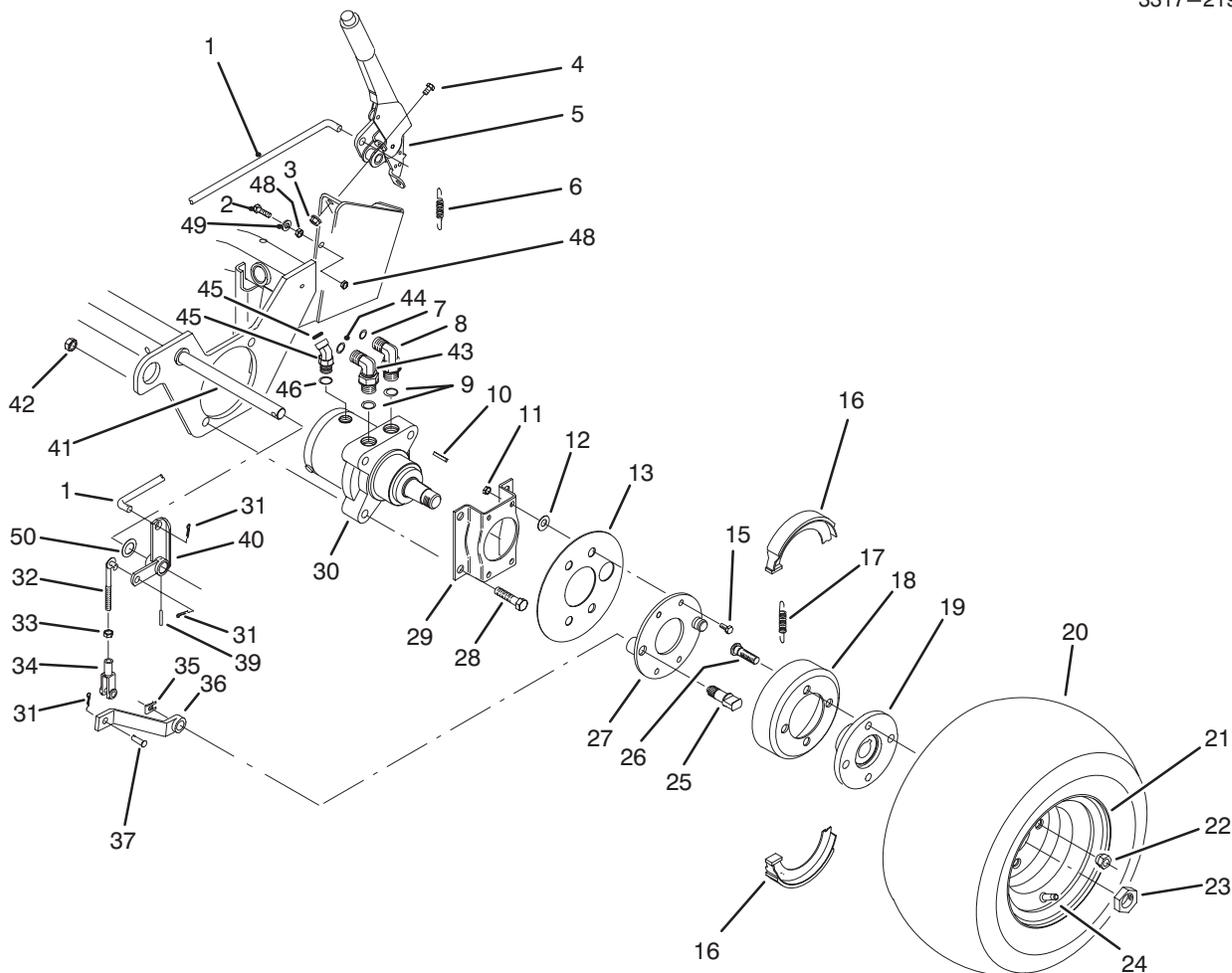
T-1356

FRONT WHEEL ASSEMBLY

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

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

*Not Illustrated



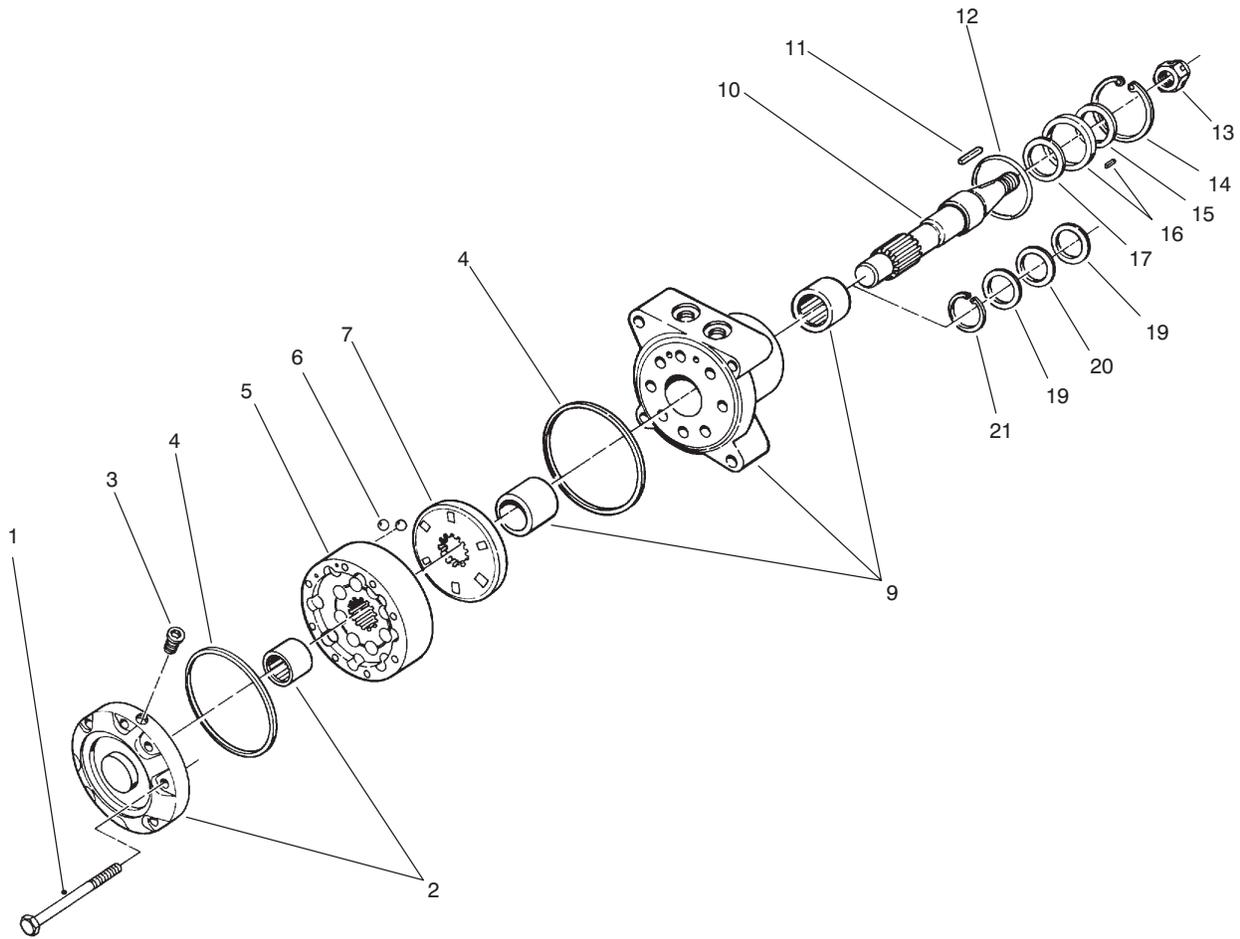
T-1356

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

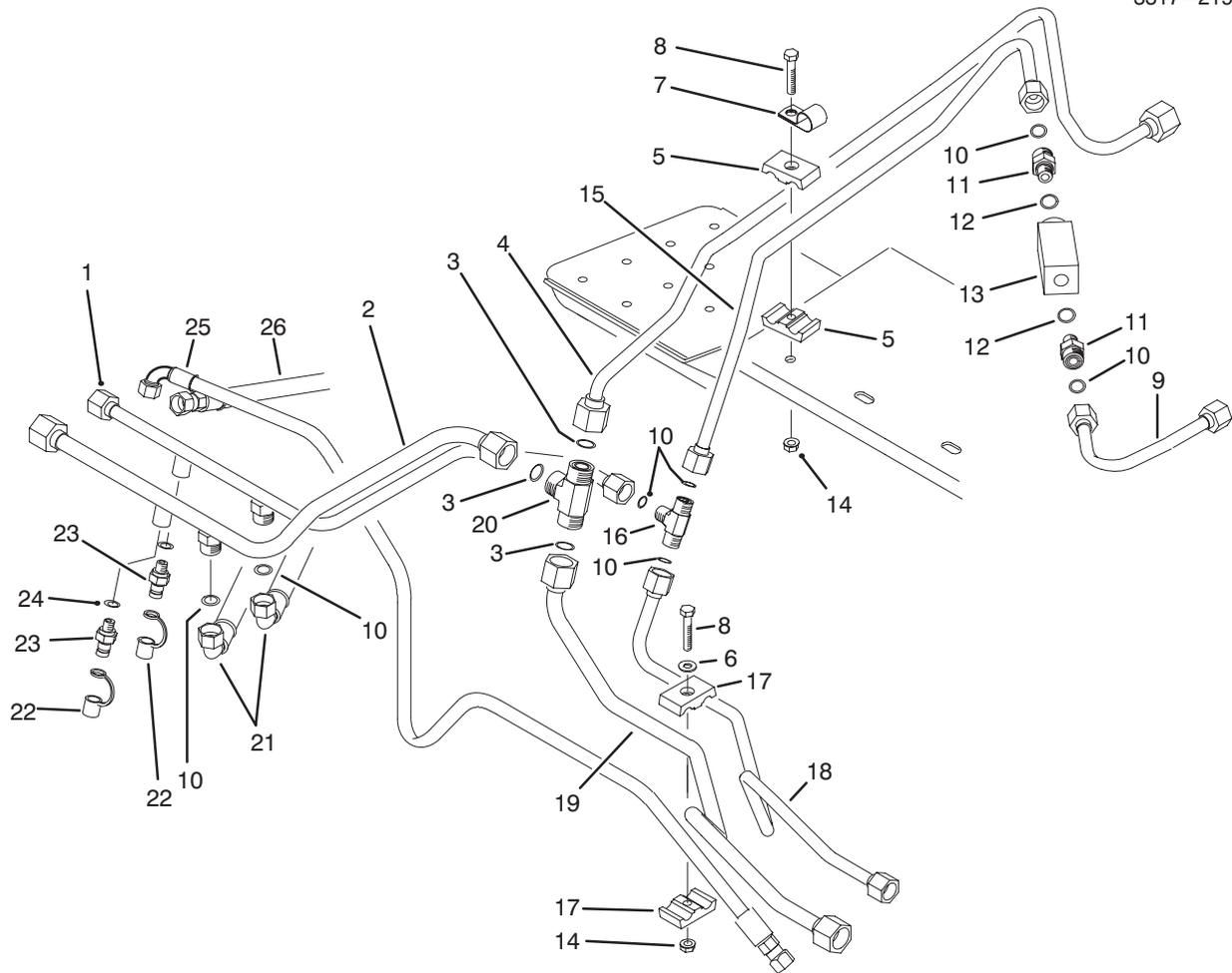
HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 66-5291

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

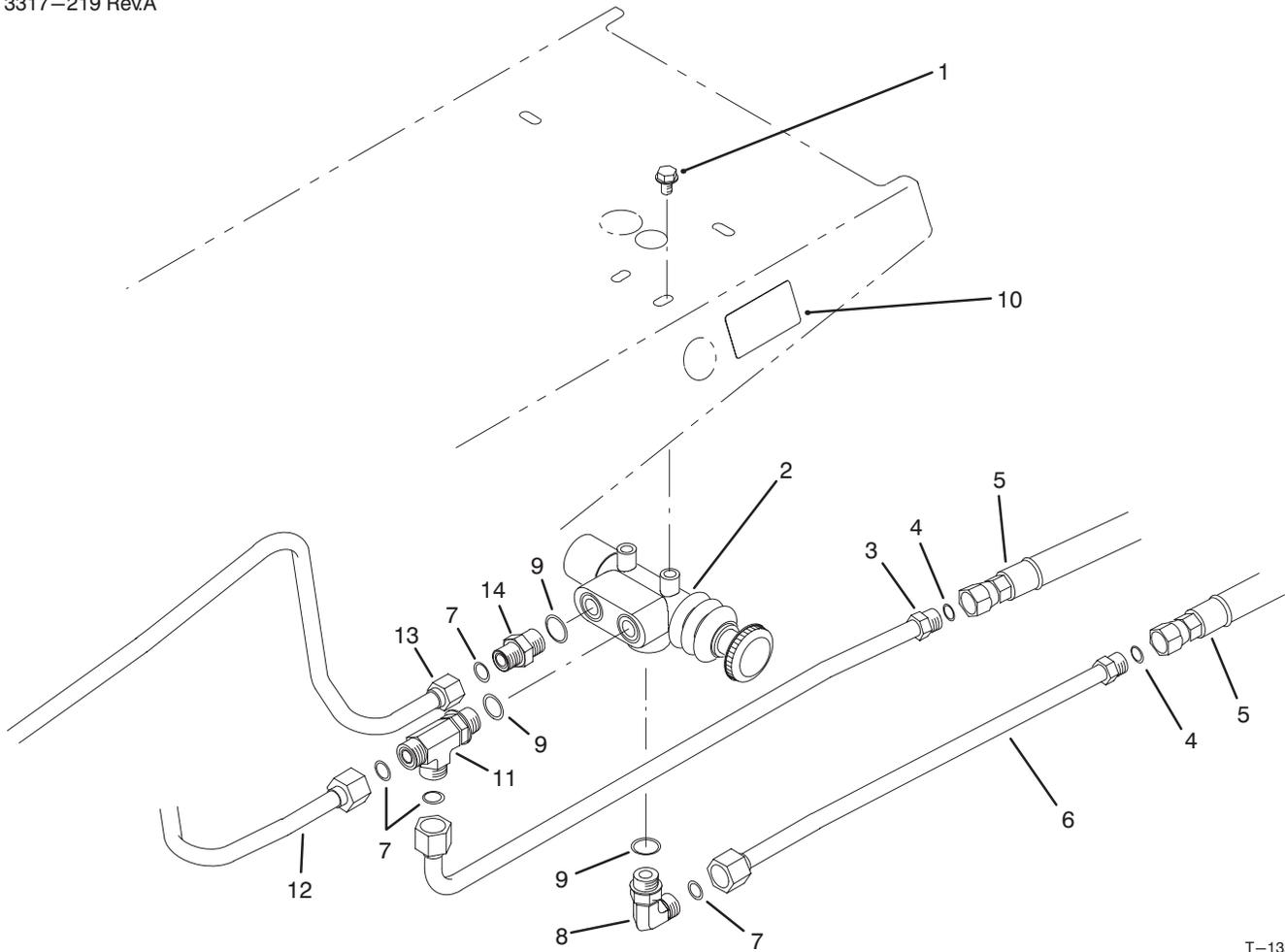
†Not available from Toro as a replacement part.



T-1358

DRIVE MOTOR PLUMBING ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	83-9470	Hydraulic Tube Assembly (Incl. Ref. #10)	1	14	3296-29	Nut - Lock	2
2	83-9440	Hydraulic Tube Assembly (Incl. Ref. #10)	1	15	83-9490	Tube - Hydraulic	1
3	327-65	Seal - O-Ring	3	16	340-102	Fitting - Hydraulic Tee (Incl. Ref. #10)	1
4	83-9460	Tube - Hydraulic	1	17	56-7977	Clamp - Hydraulic Tube	2
5	56-7976	Clamp - Hydraulic Tube	2	18	83-9480	Tube - Hydraulic	1
6	3256-3	Washer - Flat	1	19	83-9450	Tube - Hydraulic	1
7	2412-39	Clamp - R	1	20	340-19	Fitting - Hydraulic Tee (Incl. Ref. #3)	1
8	322-10	Screw - Cap Hex. Hd.	2	21	83-9600	Hose - Hydraulic	2
9	83-9500	Tube - Hydraulic	1	22	354-79	Cap - Test Port	2
10	237-30	Seal - O-Ring	7	23	354-77	Fitting - Hydraulic Test Port (Incl. Ref. #24)	2
11	340-5	Fitting - Hydraulic Straight (Incl. Ref. #10 & 12)	2	24	237-78	Seal - O-Ring	2
12	237-42	Seal - O-Ring	2	25	85-5300	Hose - Hydraulic	1
13	71-2960	Valve - Flow Control	1	26	85-4990	Hose - Hydraulic	1

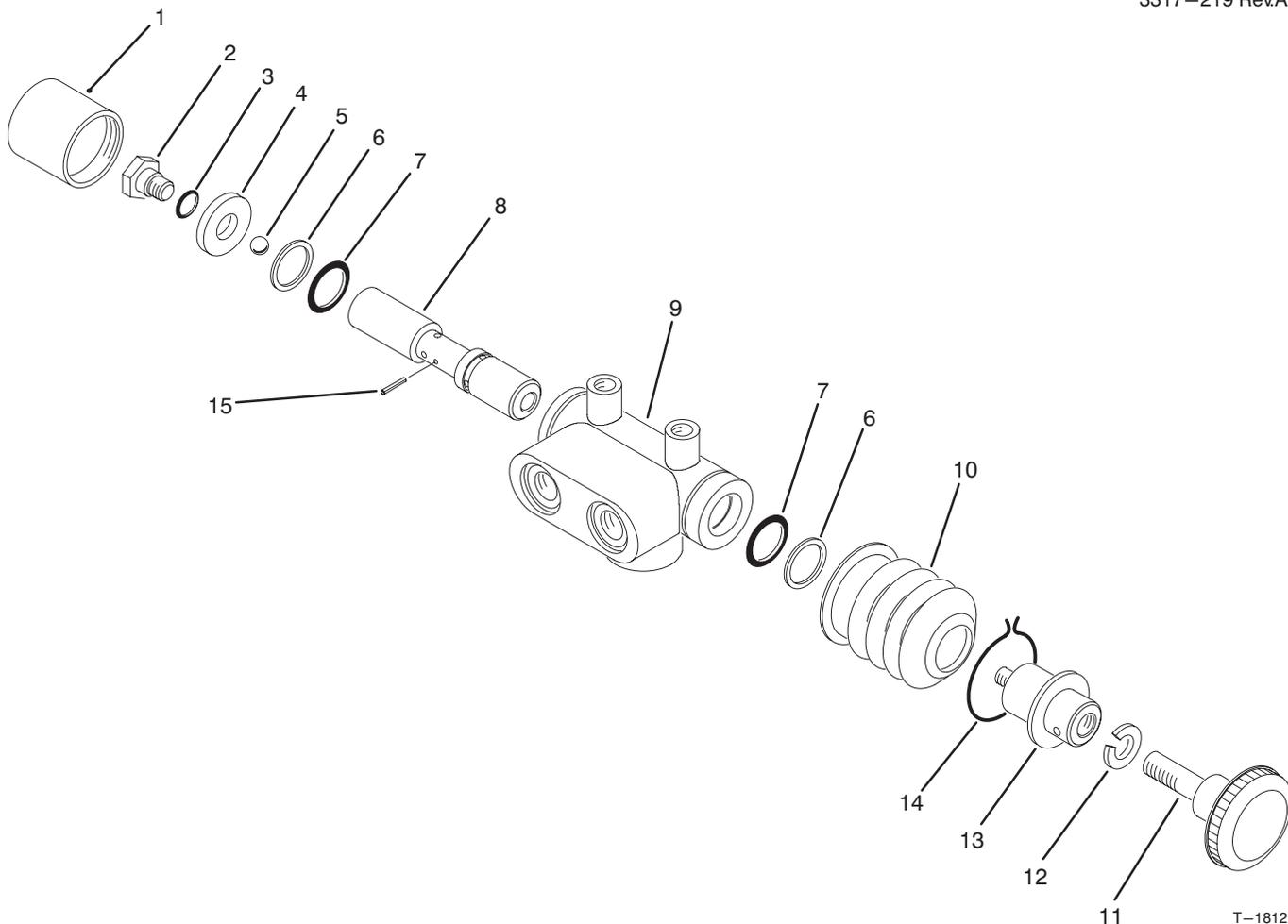


T-1359

REAR WHEEL DRIVE VALVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-28	Screw - Hex. Flange Hd.	2
2	92-3196	2 Position Valve Assembly	1
3	71-0710	Hydraulic Tube Assembly (Incl. Ref. #4)	1
4	237-22	Seal - O-Ring	2
5	80-4090	Hose - Hydraulic	2
6	71-0840	Hydraulic Tube Assembly (Incl. Ref. #4)	1
7	237-30	Seal - O-Ring	4
8	340-98	Fitting - Hydraulic 90°	

Ref. No.	Part No.	Description	No. Used
		(Incl. Ref. #7 & 9)	1
9	237-79	Seal - O-Ring	3
10	92-3179	Decal - Control	1
10	93-7270	Decal - Control (Europe)	1
11	340-109	Fitting - Hydraulic Tee (Incl. Ref. #7 & 9)	1
12	83-9500	Tube - Hydraulic	1
13	83-9460	Tube - Hydraulic	1
14	340-4	Fitting - Hydraulic Straight (Incl. Ref. #7 & 9)	1



T-1812

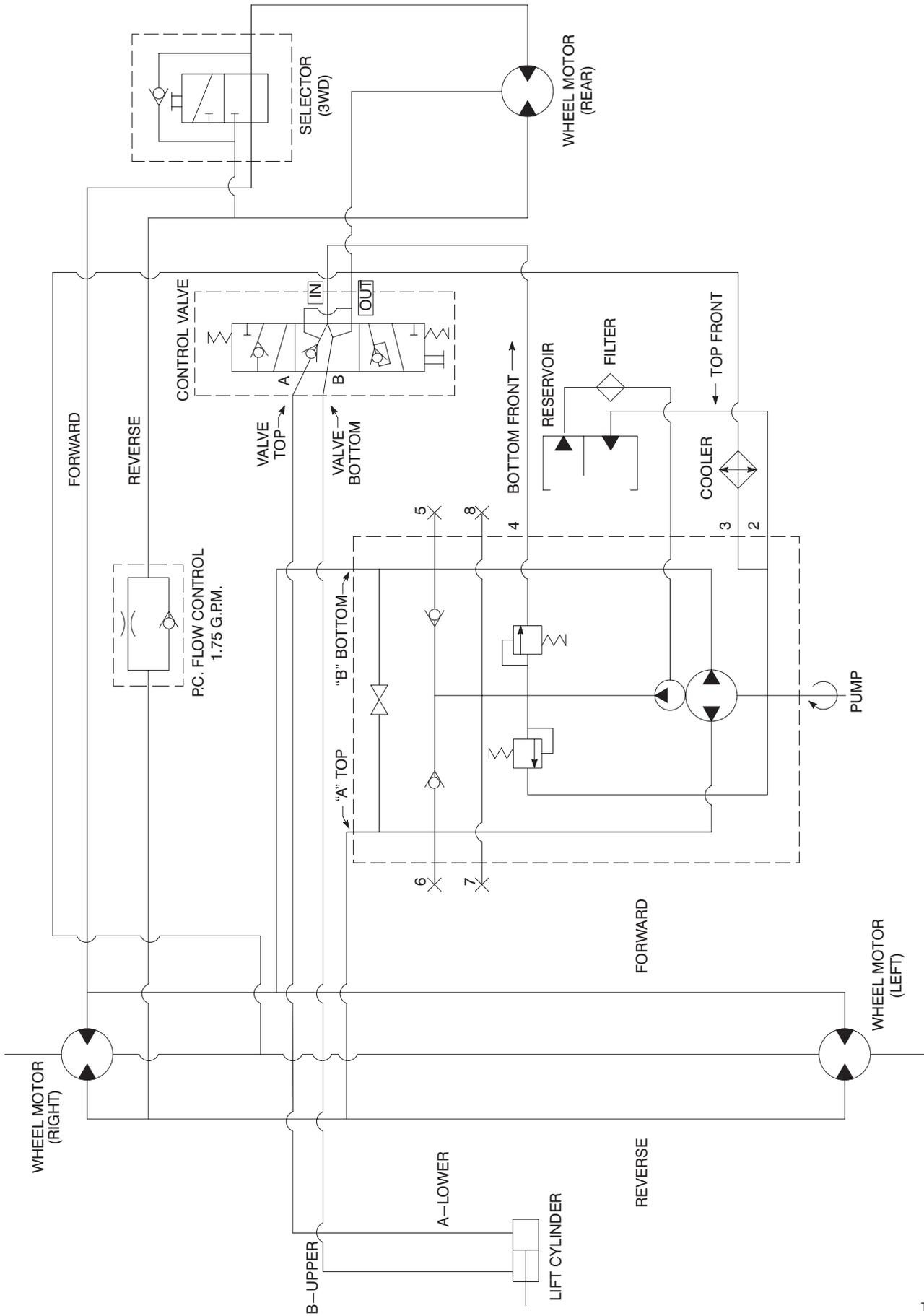
TWO POSITION VALVE ASSEMBLY NO. 92-3196

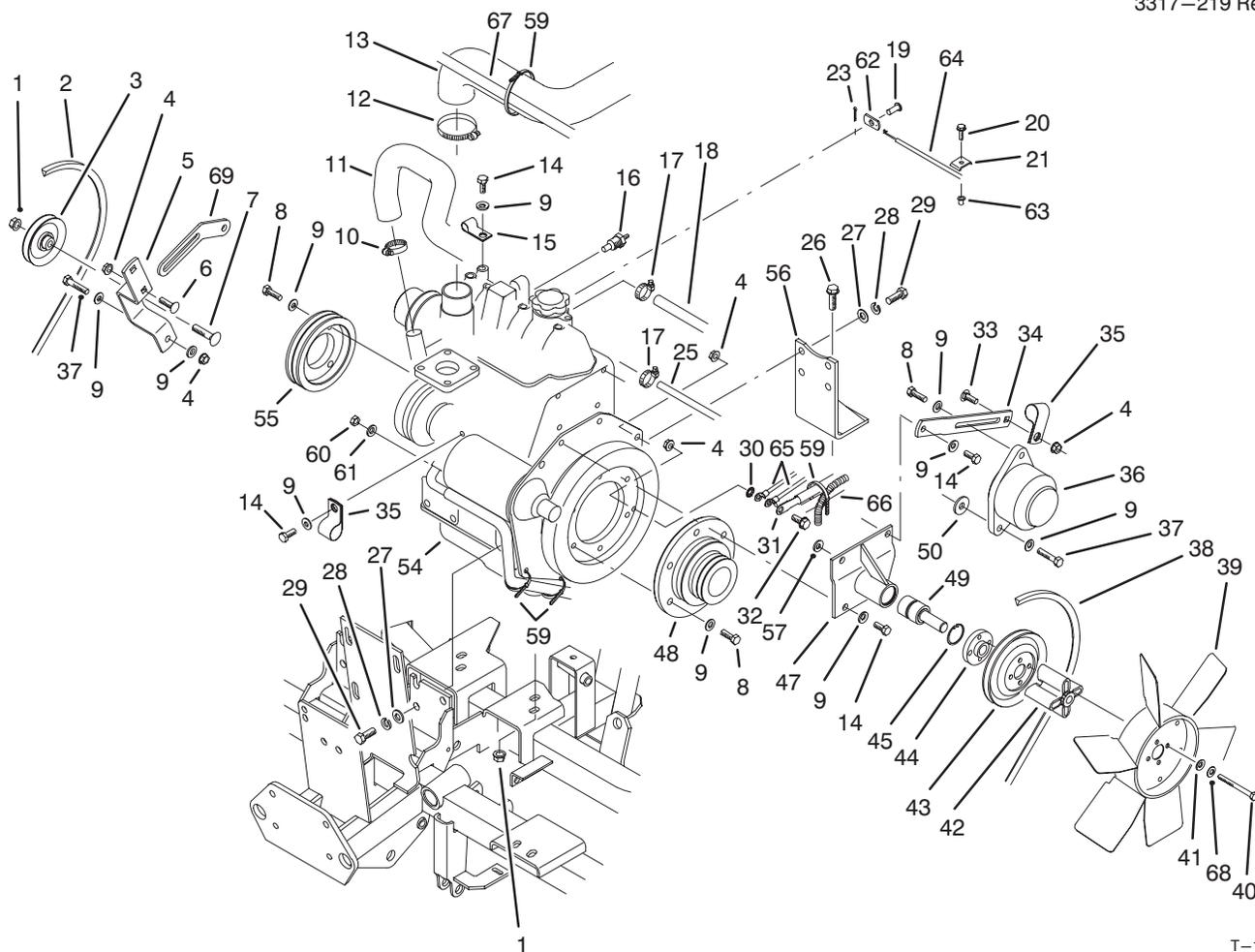
Ref. No.	Part No.	Description	No. Used
1	92-7904	Cap - Valve	1
2	92-7907	Plug Assembly (Incl. Ref. #3)	1
3	237-22	Seal - O-Ring	1
4	92-7908	Washer - Valve	1
5	354-23	Ball	1
6		Ring - Back-Up	2
7		Seal - O-Ring	2
8		Spool - Valve	1
9		Housing - Valve	1

Ref. No.	Part No.	Description	No. Used
10	92-7911	Boot	1
11	233-46	Knob	1
12	3253-5	Washer - Lock	1
13	92-7909	Stop - Valve	1
14	92-7912	Retainer - Boot	1
15	32121-38	Pin - Spring	1
*	92-7913	Seal Repair Kit (Incl. Ref. #1, 3, 6, 7, 10 & 14)	1

*Not Illustrated

HYDRAULIC SCHEMATIC





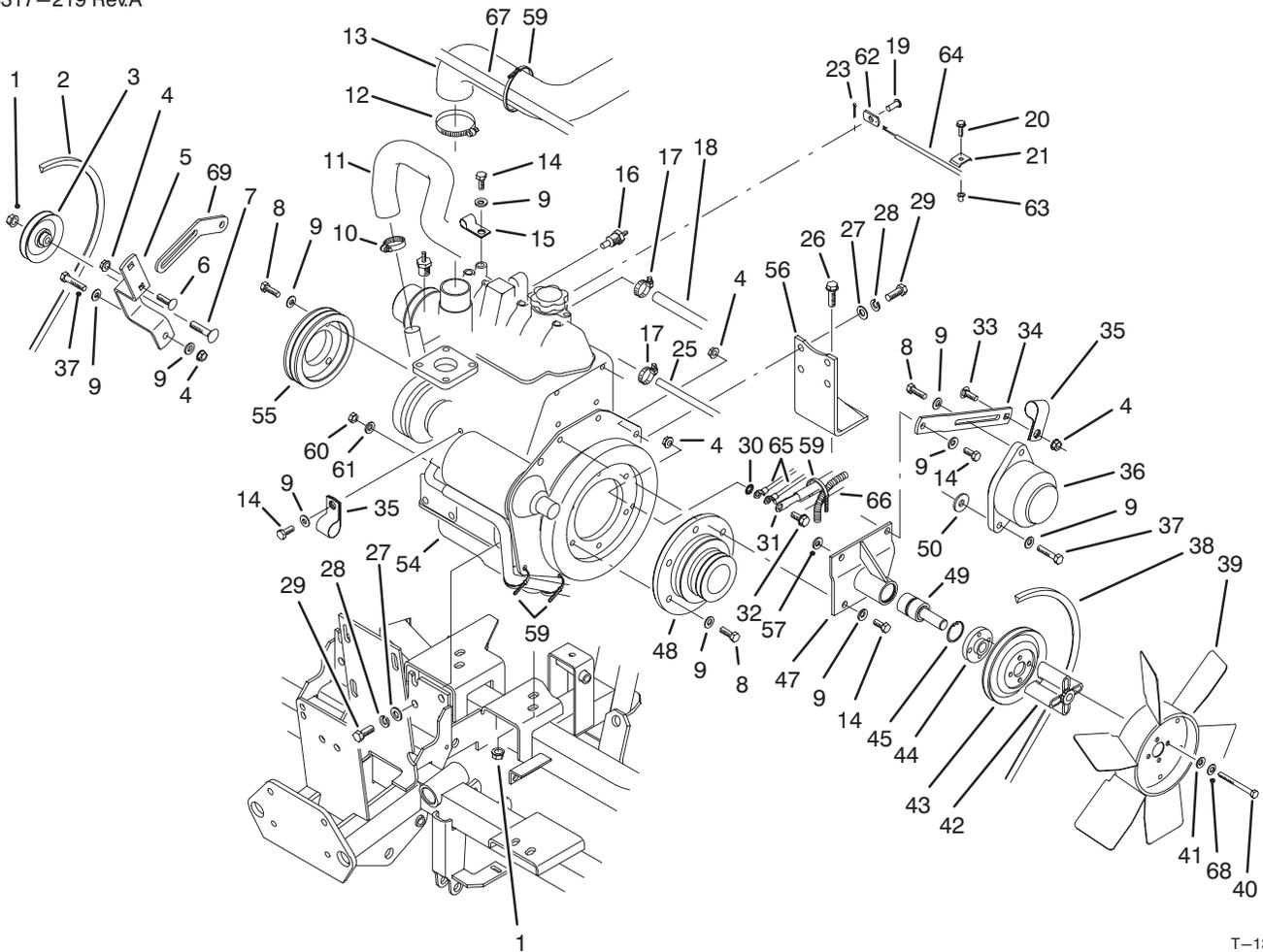
T-1360

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.	10
9	3256-23	Washer - Flat	18
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.	3
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 ETLW	1
31	83-9210	Cable - Ground	1
32	3234-5	Screw - Hex. Washer Hd.	1
33	3230-1	Screw - Carriage	1
34	83-7700	Bracket - Alternator	1
35	2412-39	Clamp - R	2
†36	185046210	Alternator	1
37	322-7	Screw - Cap Hex. Hd.	2
38	83-9020	Belt - V	1
†39	145306380	Fan	1
40	321-23	Screw - Cap Hex. Hd.	4
41	48-8010	Washer - Flat	4
42	92-3181	Spacer - Fan	1
43	83-7630	Pulley - Fan	1
44	83-7610	Hub - Fan	1
45	32120-10	Ring - Retaining	1
47	83-9880	Bracket - Fan Spindle	1
48	92-3198	Pulley - Engine	1
49	36-7290	Spindle - Fan	1
50	62-9510	Washer - Flat	1
54		Engine Assembly	1
55	83-7590	Pulley - Engine	1
56	83-8470	Bracket - Engine Mount	2
57	65-8270	Washer	1
59	3290-379	Tie - Cable	4

†Obtain from your local Perkins Dealer.



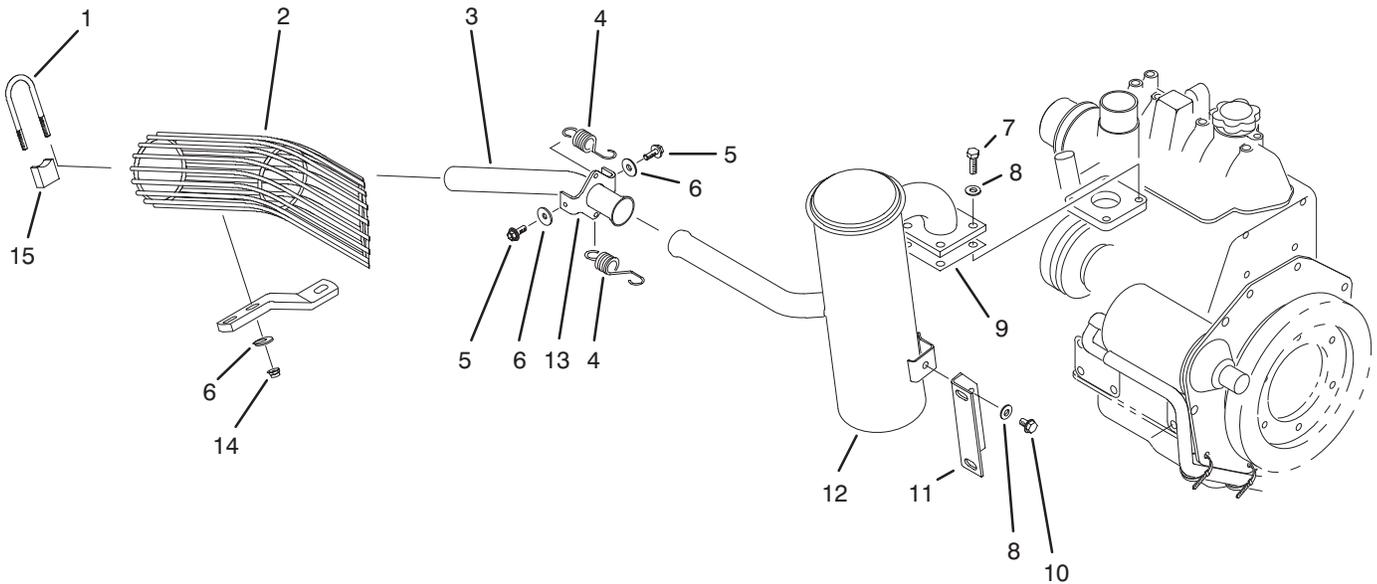
T-1360

ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
60	57-6390	Nut	1
61	42-9850	Washer	1
62	92-3154	Tab - Throttle	1
63	32148-14	Insert - Threaded	1
64	92-3153	Cable - Throttle	1
65	93-4406	Harness - Wire	1

Ref. No.	Part No.	Description	No. Used
66	83-9220	Cable - Battery Pos.	1
67	92-1177	Hose - Hydraulic	1
68	3253-3	Washer - Lock	4
†69	185726431	Strap - Adjustment	1
†70	385720260	Switch - Sender	1

†Obtain from your local Perkins Dealer.



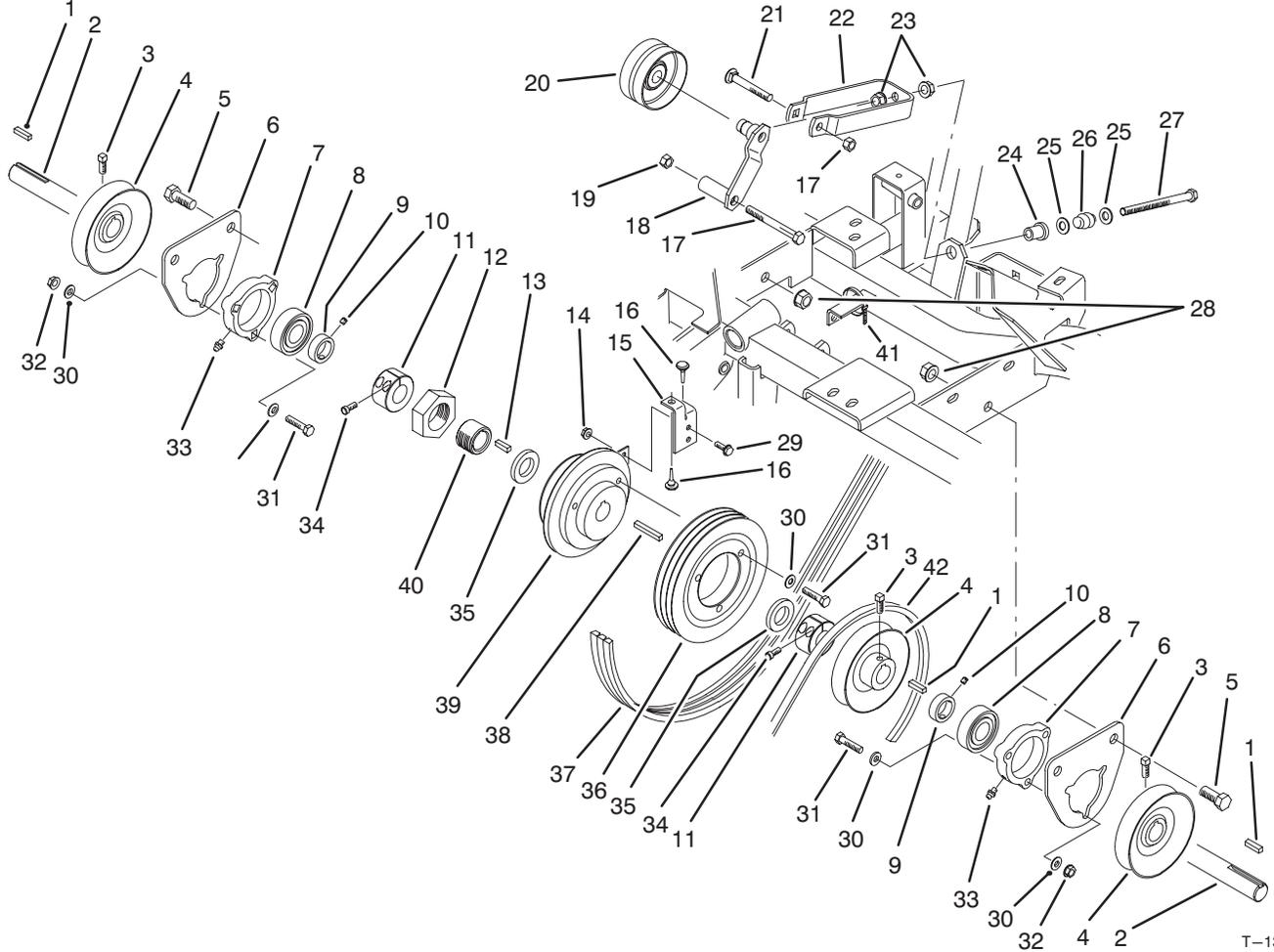
T-1931

EXHAUST SYSTEM ASSEMBLY

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

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

† Obtain from your local Perkins Dealer.

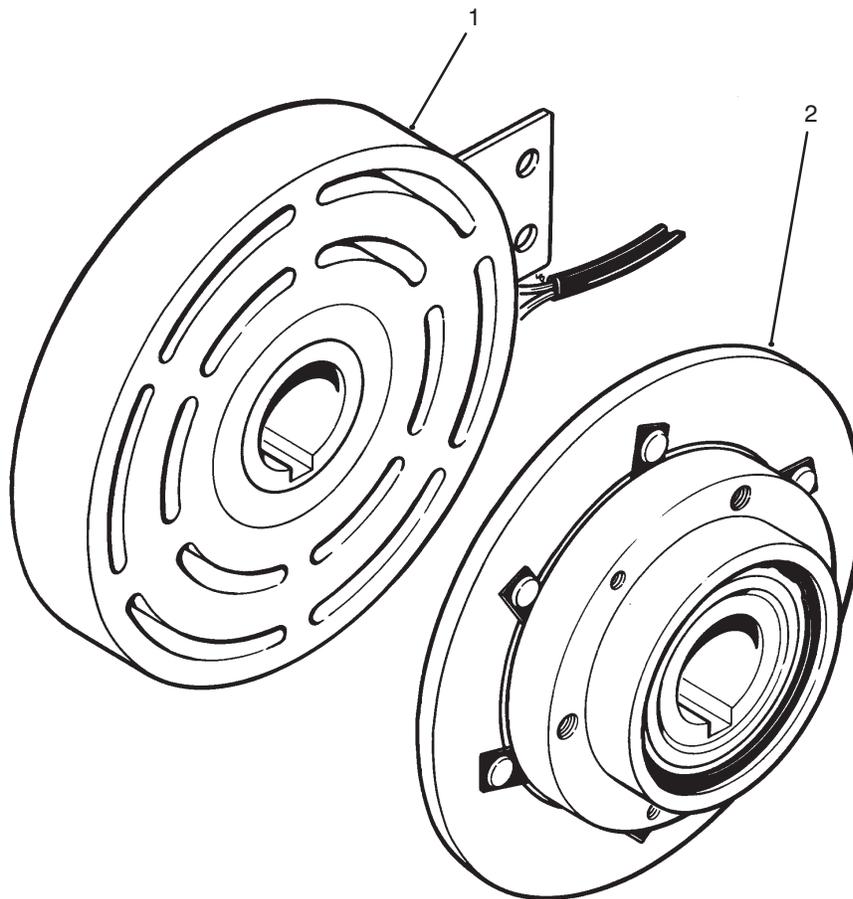


T-1361

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 - 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 - Lock	6
33	302-5	Fitting - Grease	2
34	3273-18	Screw - Hex. Socket Hd.	4
35	83-7810	Spacer	2
36	92-3199	Pulley - Clutch	1
37	92-3187	Belt - Drive (Set of 3)	1
38	83-8080	Key - Square	1
39	83-9140	Clutch Assembly	1
40	83-7800	Sleeve	1
41	3290-379	Tie - Cable	1
42	61-3380	Belt - Reel Drive	3

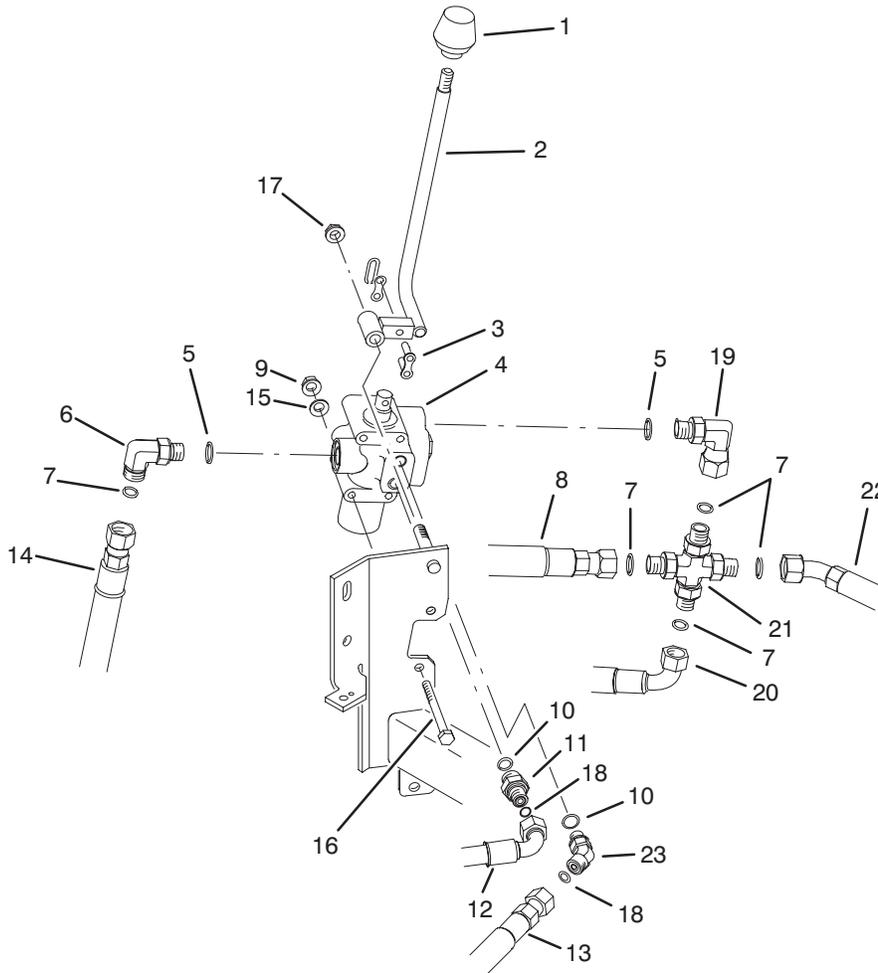


T-1362

ELECTRIC CLUTCH ASSEMBLY NO. 83-9140

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

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

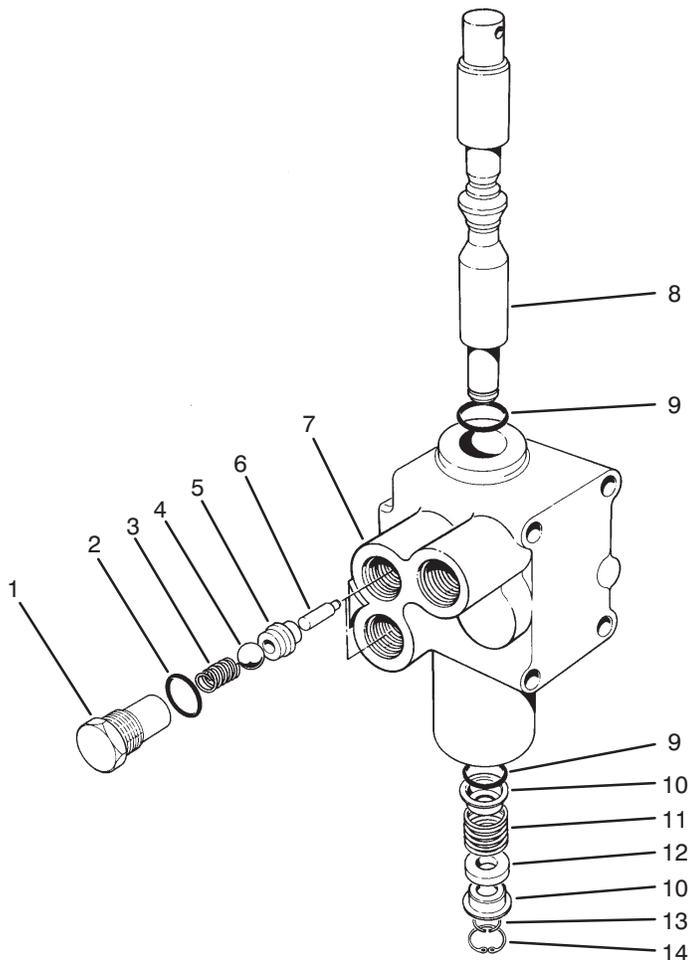


T-1363

CUTTING UNIT LIFT VALVE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233-37	Knob	1
2	85-5160	Lever - Lift Valve	1
3	2710-16	Connecting Link Assembly	1
4	43-1950	Lift Valve Assembly	1
5	237-42	Seal - O-Ring	1
6	340-77	Fitting - Hydraulic 90° (Incl. Ref. #5 & 7)	1
7	237-22	Seal - O-Ring	4
8	92-1177	Hose - Hydraulic	1
9	3296-16	Nut - Lock	2
10	237-78	Seal - O-Ring	2
11	340-92	Fitting - Hydraulic Straight (Incl. Ref. #10 & 18)	1
12	83-9620	Hose - Hydraulic	1

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

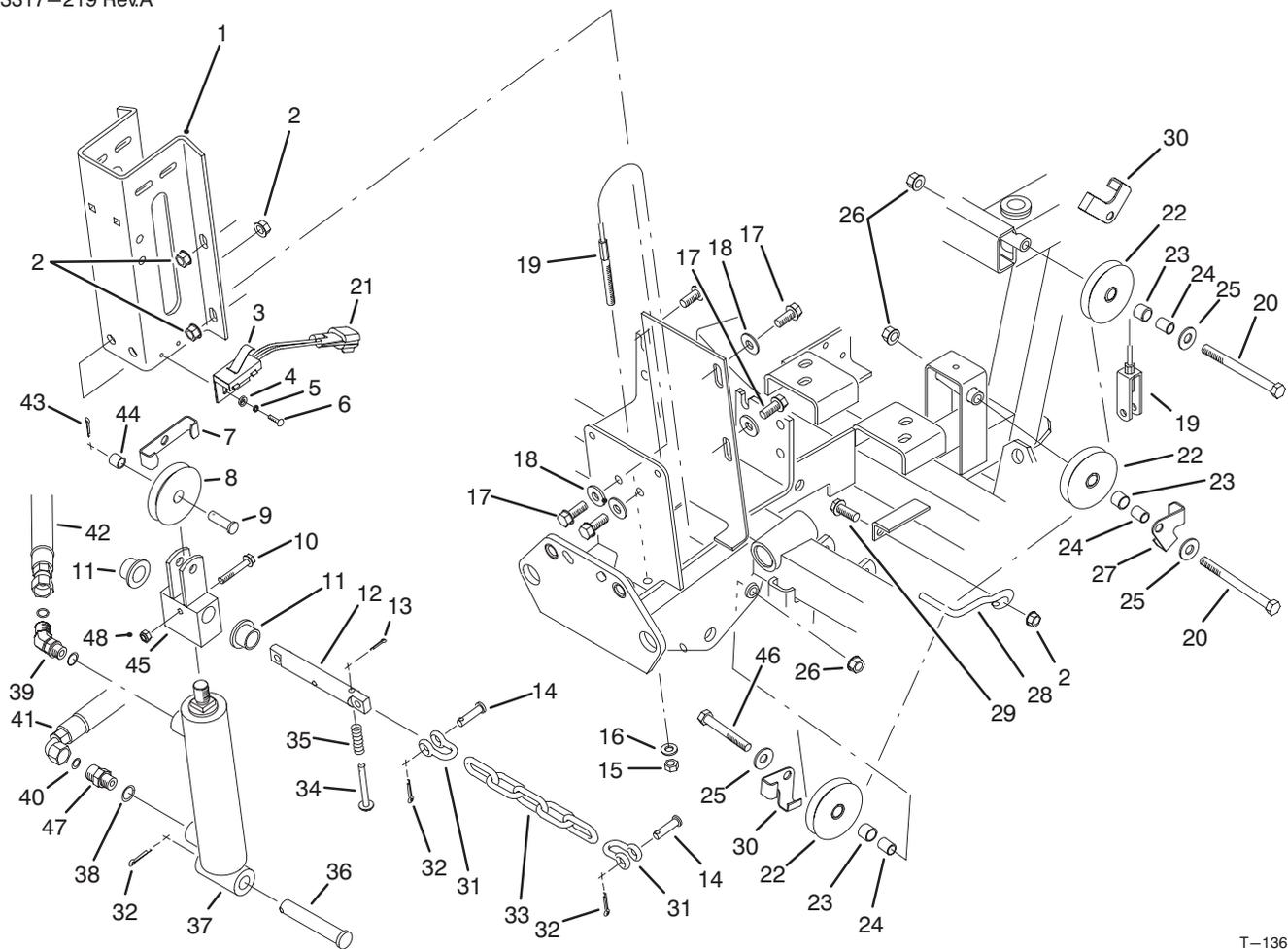


T-0280

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

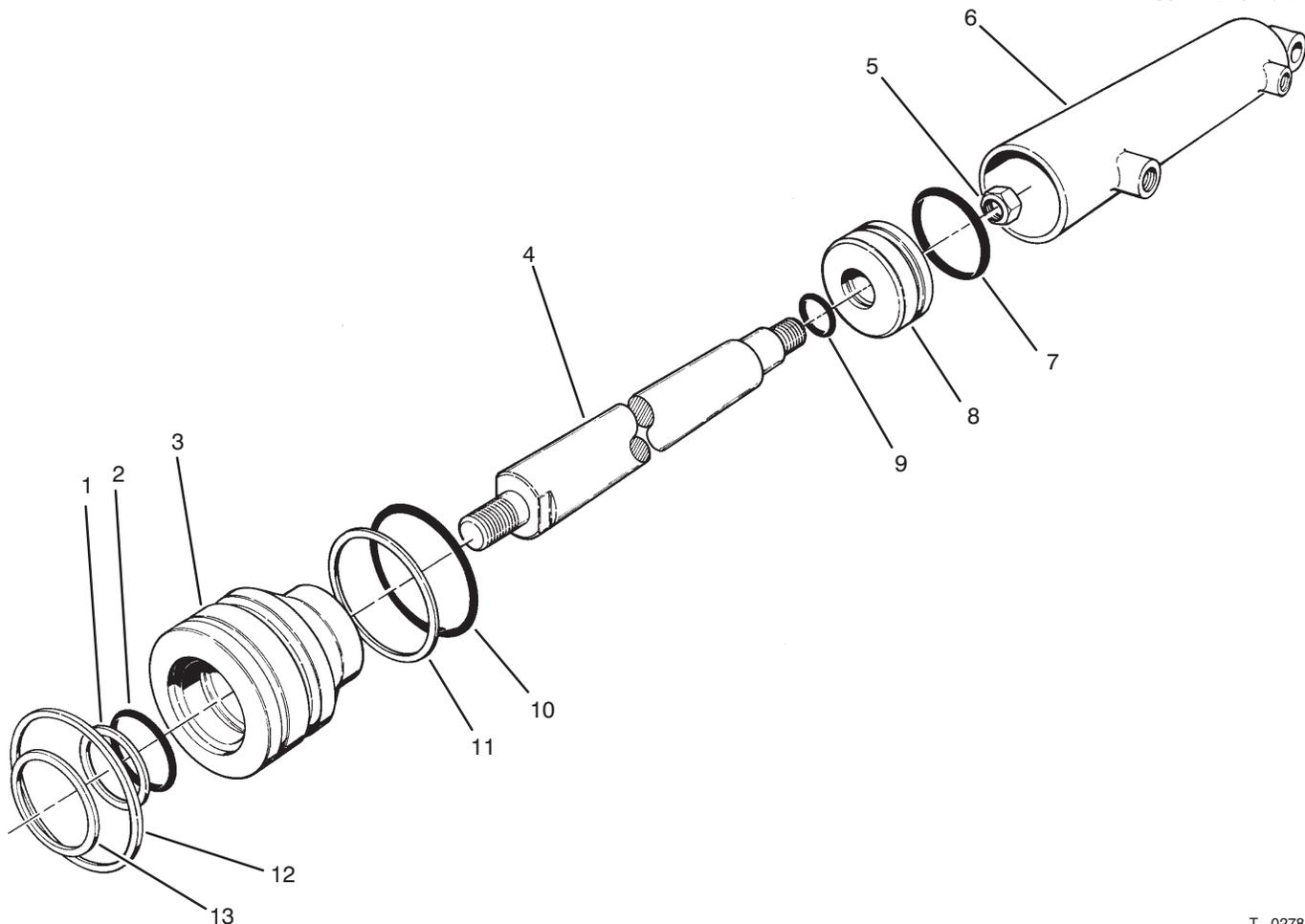


T-1364A

CUTTING UNIT LIFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	83-9760	Bracket - Cylinder Support	1
2	32128-43	Nut - Flange Lock	7
3	92-7905	Switch Assembly (Incl. Ref. #21)	1
4	3256-53	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	321-43	Screw - Hex. Flange Hd.	1
11	84-8440	Bushing - Flange	2
12	72-4190	Pin - Cylinder Guide	1
13	3272-4	Pin - Cotter	1
14	283-6	Pin - Clevis	4
15	3296-4	Nut - Lock	1
16	3256-23	Washer - Flat	1
17	3234-25	Screw - Hex. Washer Hd.	6
18	80-6990	Washer	5
19	83-8590	Cable - Lift	1
20	323-23	Screw - Cap Hex. Hd.	2
21	92-7906	Switch	1
22	61-3210	Cable Pulley Assembly (Incl. Ref. #23)	3
23	256-1	Bushing - Sleeve	3
24	61-3230	Spacer	3

Ref. No.	Part No.	Description	No. Used
25	3256-24	Washer - Flat	3
26	3296-39	Nut - Lock	3
27	83-9130	Keeper - Cable	1
28	63-1400	Guide - Cable	1
29	3234-11	Screw - Hex. Washer Hd.	1
30	5-2656	Keeper - Cable	2
31	282-4	Clevis	4
32	3272-11	Pin - Cotter	5
33	61-3830	Chain - Lift	2
34	71-1380	Pin - Spring	1
35	71-1370	Spring - Compression	1
36	283-78	Pin - Clevis	1
37	76-0020	Hydraulic Cylinder Assembly	1
38	237-42	Seal - O-Ring	2
39	340-87	Fitting - Hydraulic 45° (Incl. Ref. #38 & 40)	1
40	237-22	Seal - O-Ring	2
41	85-4990	Hose - Hydraulic	1
42	83-9620	Hose - Hydraulic	1
43	3272-6	Pin - Cotter	1
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
48	3296-56	Nut - Lock	1



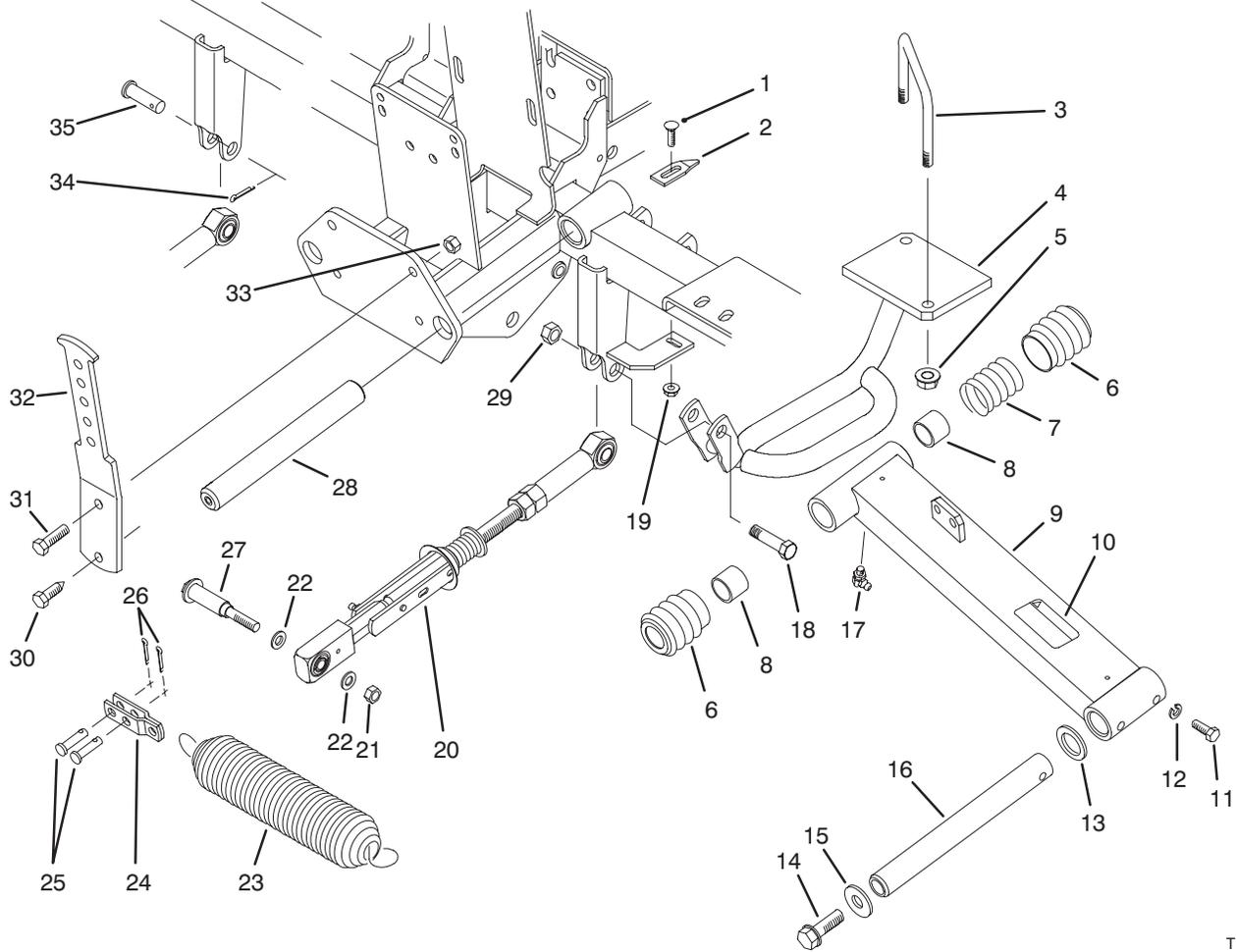
T-0278

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



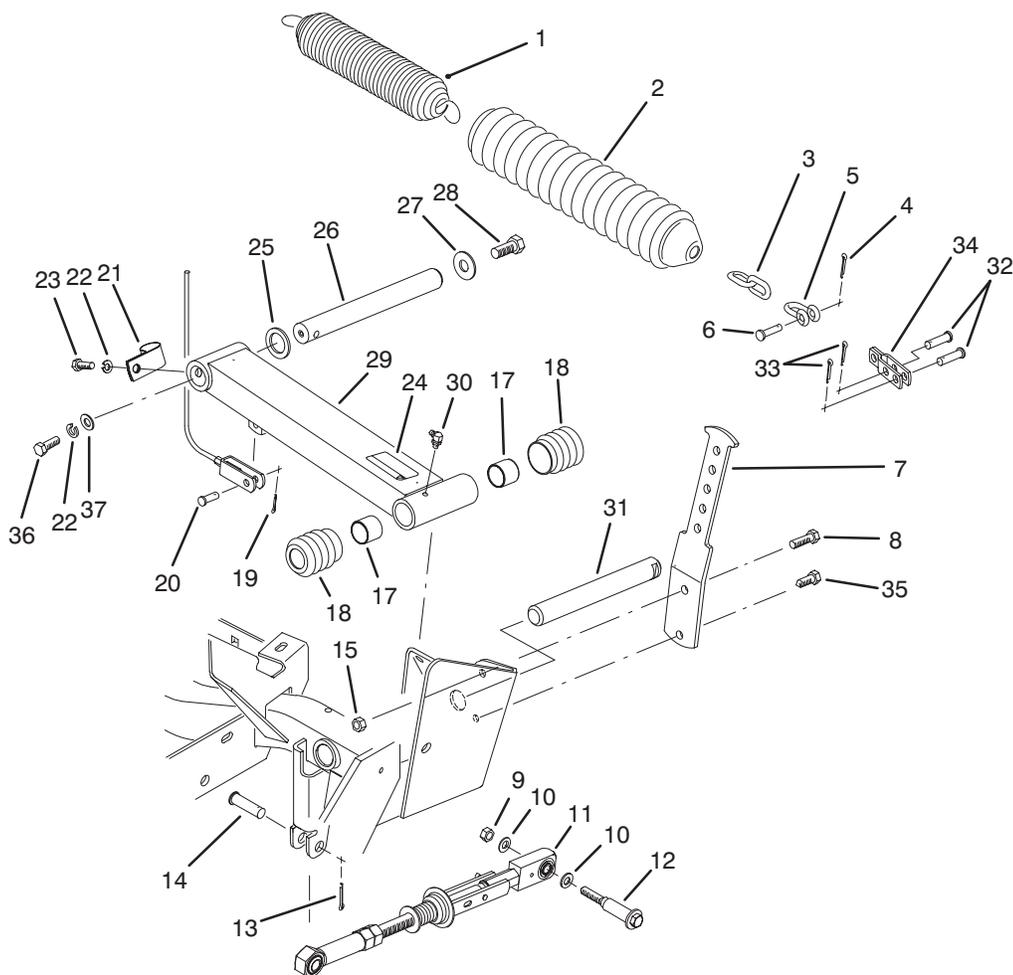
T-1365A

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	93-0153	Bolt - U	1
4	93-0160	Guard - Pulley	1
5	32128-19	Nut - Flange Lock	2
6	61-7250	Boot	4
7	61-3270	Spring - Compression	2
8	3-0348	Bushing - Sleeve	4
9	16-1159	Lift Arm Assembly L.H. (Incl. Ref. #8, 10 & 17)	1
*	16-1169	Lift Arm Assembly R.H. (Incl. Ref. #8, 10 & 17)	1
10	55-4300	Decal - Warning	2
10	93-6696	Decal - Warning (Europe)	2
11	322-4	Screw - Cap Hex. Hd.	2
12	3253-4	Washer - Lock	2
13	256-115	Washer - Thrust	2
14	3234-32	Screw - Hex. Flange Hd.	2
15	3256-6	Washer - Flat	2
16	92-1815	Rod - Pivot	2

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

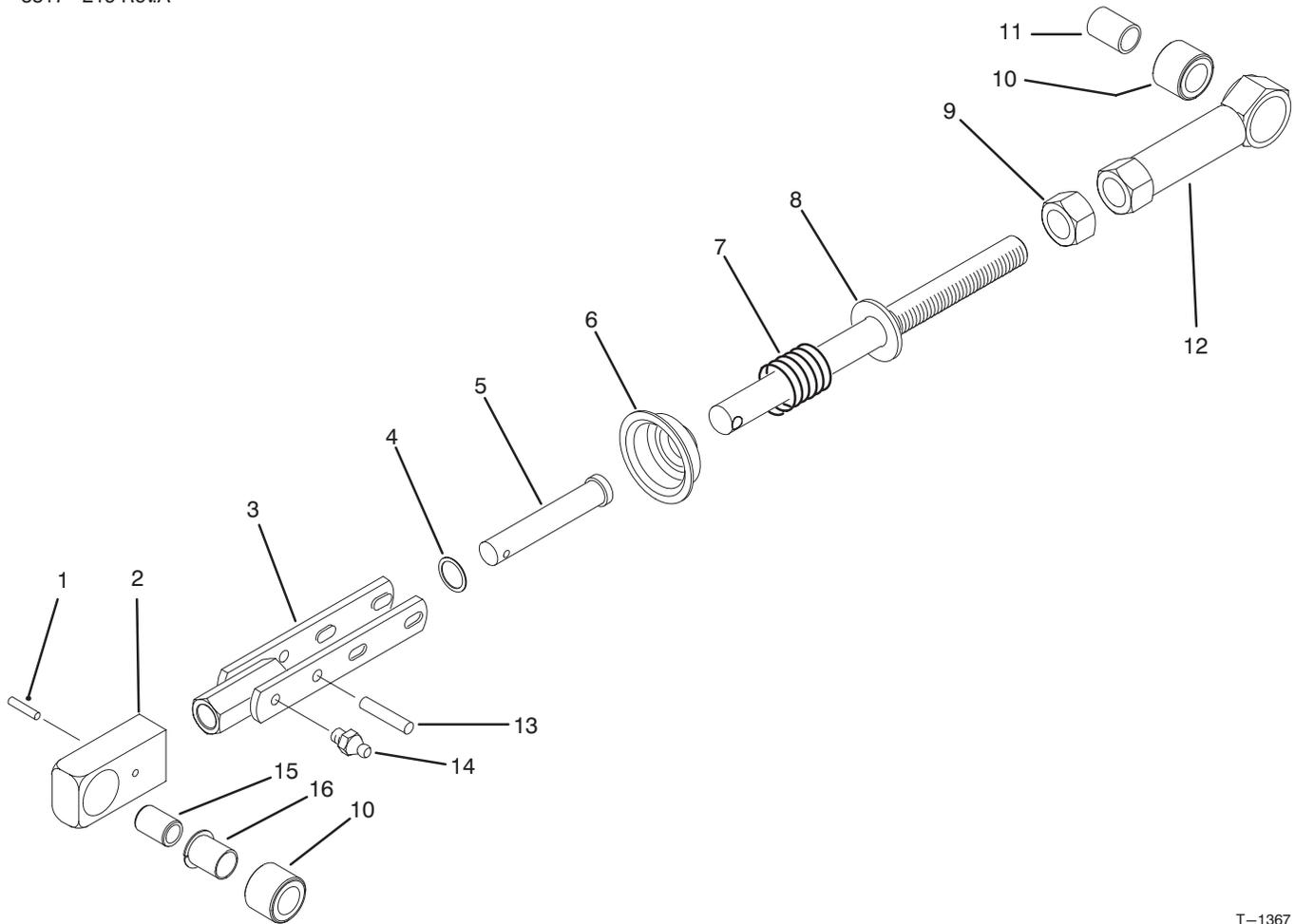
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T-1366A

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	2412-112	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	24	93-6696	Decal – Warning (Europe)	1
6	283-6	Pin – Clevis	1	25	256-115	Washer – Thrust	1
7	92-1818	Arm – Tension	1	26	92-1815	Rod – Pivot	1
8	323-7	Screw – Cap Hex. Hd.	1	27	3256-6	Washer – Flat	1
9	3296-59	Nut – Lock	2	28	3234-32	Screw – Cap Hex. Hd.	1
10	3256-45	Washer – Flat	4	29	16-1089	Lift Arm Assembly (Incl. Ref. #17, 24 & 30)	1
11	83-7900	Belt Tensioner Assembly	2	30	302-60	Fitting – Grease	1
12	76-0370	Bolt – Shoulder	2	31	92-1812	Shaft – Lift Pivot	1
13	3272-13	Pin – Cotter	2	32	283-75	Pin – Clevis	2
14	283-40	Pin – Clevis	2	33	3272-10	Pin – Cotter	2
15	3296-39	Nut – Lock	1	34	92-1822	Shackle	1
17	3-0348	Bushing – Sleeve	2	35	32104-6	Screw – Cap Hex. Hd.	1
18	62-7250	Boot	2	36	322-26	Screw – Cap Hex. Hd.	1
19	3272-6	Pin – Cotter	1	37	3256-57	Washer – Flat	1
20	283-1	Pin – Clevis	1				

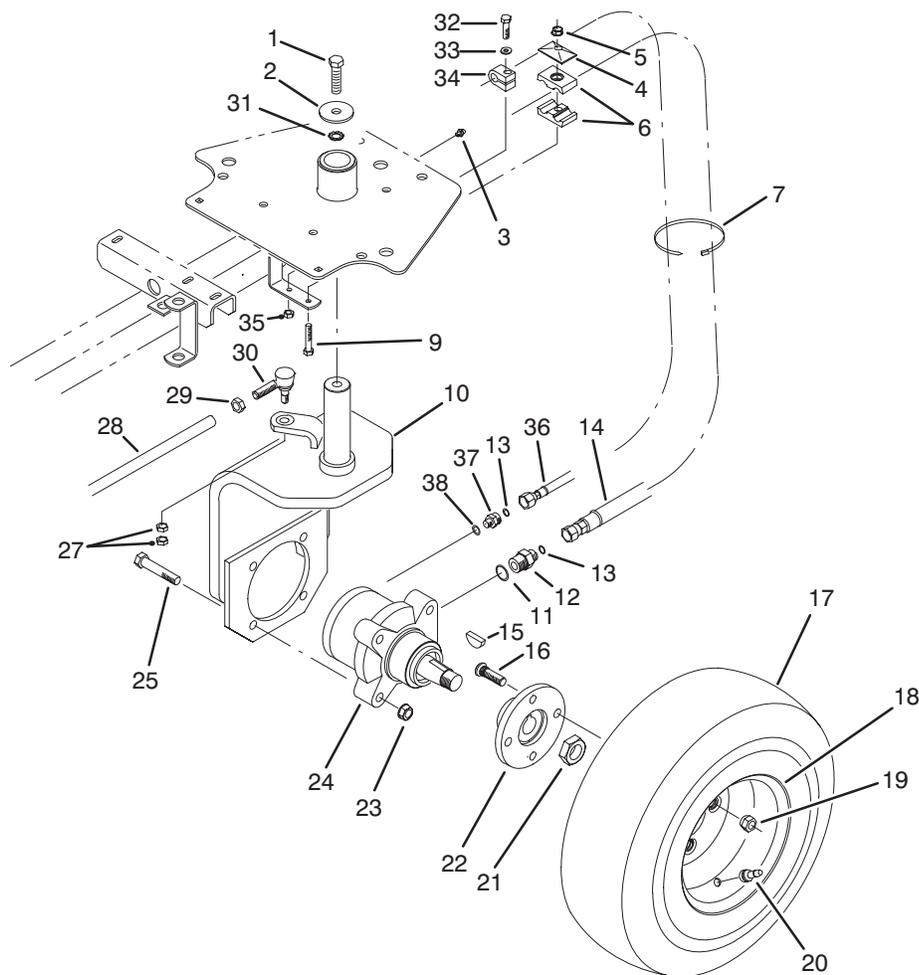


T-1367

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

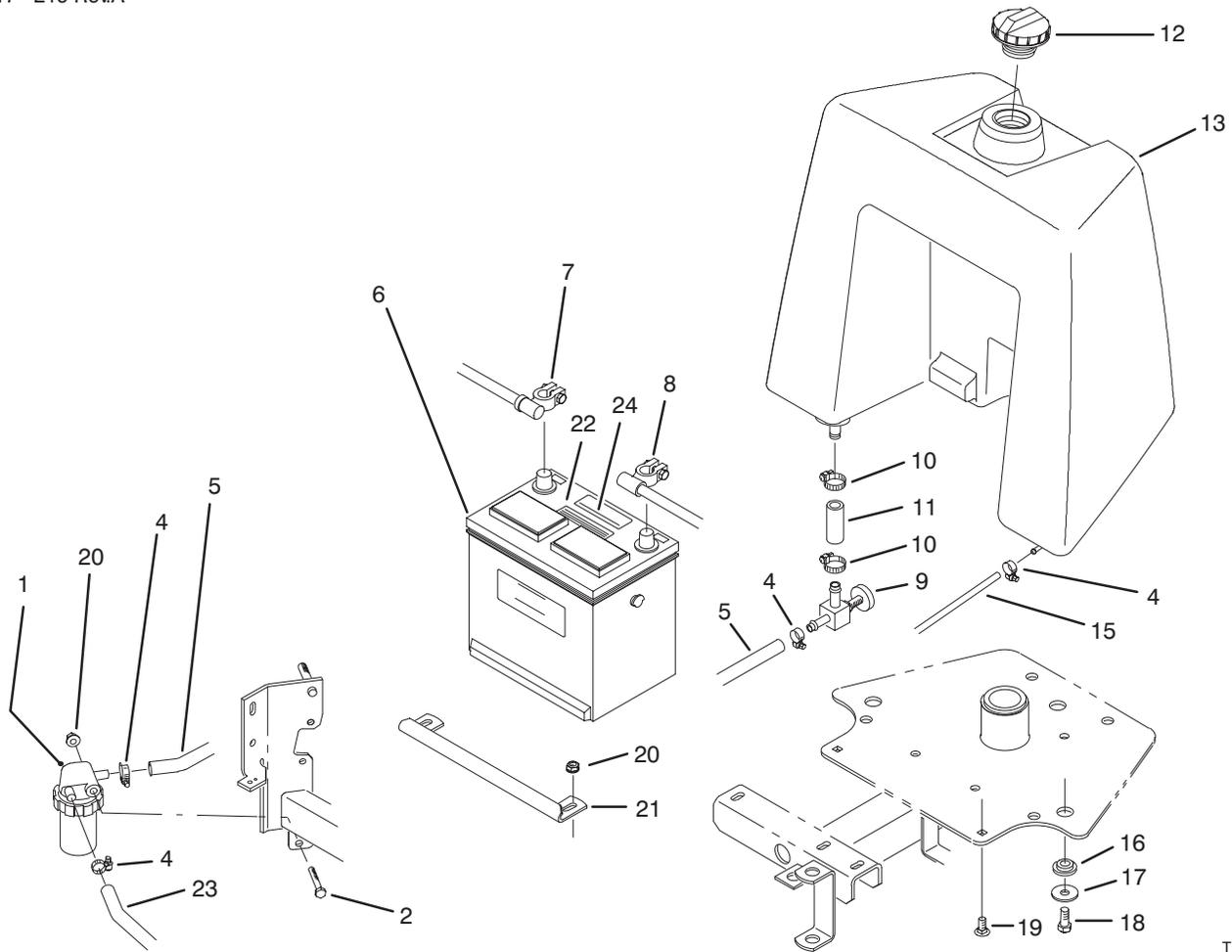
Ref. No.	Part No.	Description	No. Used
9	3218-6	Nut - Jam	1
10	56-9510	Bushing Assembly	2
11	256-173	Bushing - Sleeve	1
12	76-0300	Housing - Bushing	1
13	32121-9	Pin - Roll	1
14	302-5	Fitting - Grease	1
15	76-0390	Spacer	1
16	56-9520	Bushing - Nylon	1



T-1369

REAR WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	365-6	Screw - Cap Hex. Hd.	1	21	26-3790	Nut - Lock	1
2	75-7730	Spacer	1	22	10-6870	Hun - Wheel	1
3	302-5	Fitting - Grease	1	23	3296-23	Nut - Lock	4
4	69-9760	Plate - Cover	1	24	66-5291	Hydraulic Motor Assembly (Incl. Ref. #15)	1
5	3296-29	Nut - Lock	1	25	325-11	Screw - Cap Hex. Hd.	4
6	56-7976	Clamp - Hose	2	27	3220-3	Nut - Jam	2
7	3290-379	Tie - Cable	1	28	61-2070	Rod - Steering	1
9	322-9	Screw - Cap Hex. Hd.	1	29	3220-12	Nut - Jam	1
10	83-7270	Fork - Caster	1	30	21-0140	Rod End Assembly (Incl. Ref. #27)	1
11	237-80	Seal - O-Ring	2	31	3255-2	Washer - Lock	1
12	340-141	Fitting - Hydraulic Straight (Incl. Ref. #11 & 13)	2	32	321-9	Screw - Cap Hex. Hd.	1
13	237-22	Seal - O-Ring	3	33	3256-22	Washer - Flat	1
14	80-4090	Hose - Hydraulic	2	34	85-5200	Clamp	1
15	3257-15	Key - Woodruff	1	35	3296-42	Nut - Lock	1
16	10-6830	Stud - Drive	4	36	85-5190	Hose - Hydraulic	1
17	93-0166	Tire	1	37	340-88	Fitting - Hydraulic Straight (Incl. Ref. #13 & 38)	1
18	242-76	Rim	1	38	237-78	Seal - O-Ring	1
19	242-50	Nut - Lug	4				
20	232-47	Valve - Stem	1				



T-1370A

FUEL SYSTEM ASSEMBLY

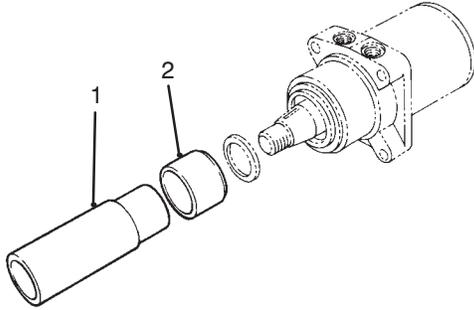
Ref. No.	Part No.	Description	No. Used
†1	130366040	Filter – Fuel	1
2	321-12	Screw – Cap Hex. Hd.	1
4	2412-108	Clamp – Hose	4
5	63-7620	Hose – Fuel	1
6	83-9000	Battery	1
7	83-9220	Cable – Battery Pos.	1
8	83-9210	Cable – Battery Neg.	1
9	56-2520	Valve – Fuel Shut-Off	1
10	2412-36	Clamp – Hose	2
11	56-2230	Hose – Fuel	1
12	93-3102	Cap – Fuel Tank	1

Ref. No.	Part No.	Description	No. Used
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
22	93-7276	Decal – Danger (Europe)	1
23	23-2140	Hose – Fuel	1
24	93-6668	Decal – Battery (Europe)	1

†Obtain from your local Perkins Dealer.

SPECIAL TOOLS

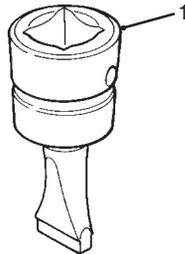
DRIVE MOTOR SEAL INSTALLATION TOOL NO. *19-2660



T-0728

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

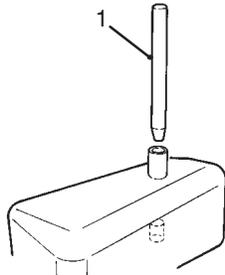
BEDKNIFE SCREW TOOL NO. *TOR510880



T-0729

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

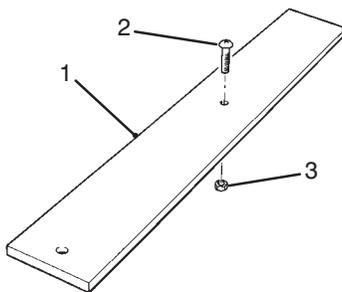
HYDRAULIC OIL RESERVOIR PLUG NO. *88-9220



T-1213

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

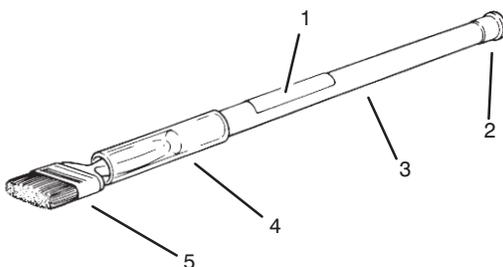
GAUGE BAR ASSEMBLY NO. *TOR138199



T-1151

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

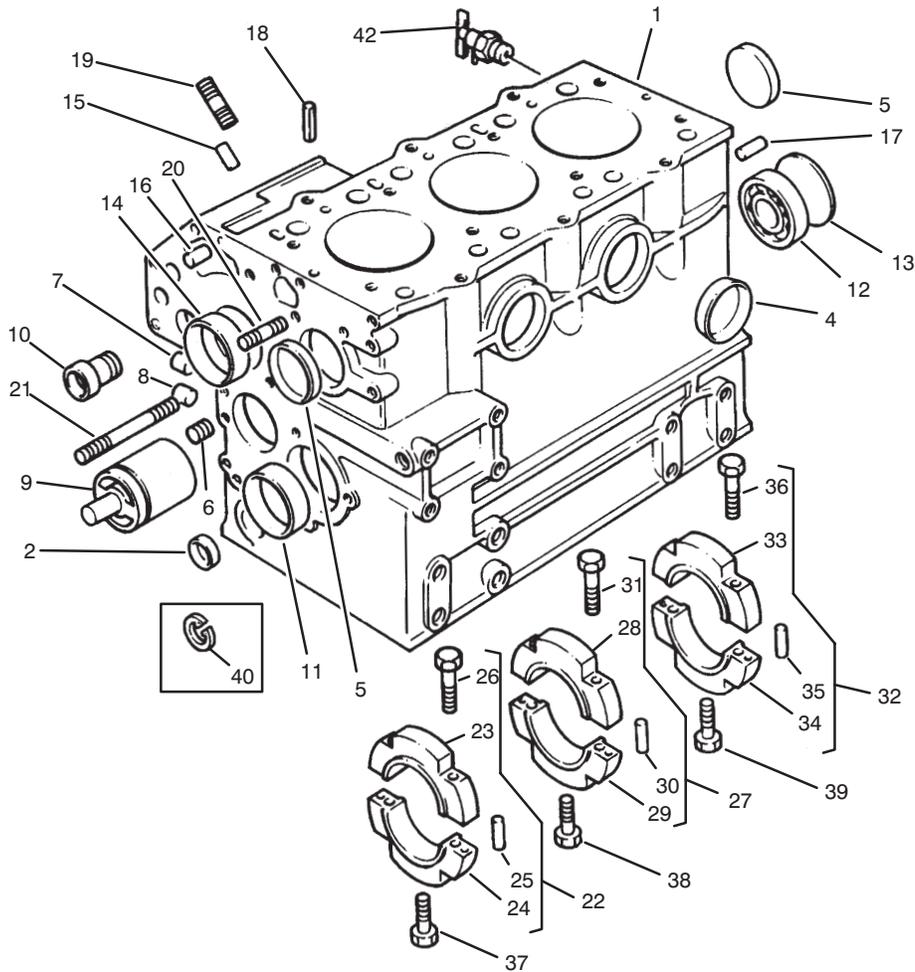
BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



T-0731

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

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



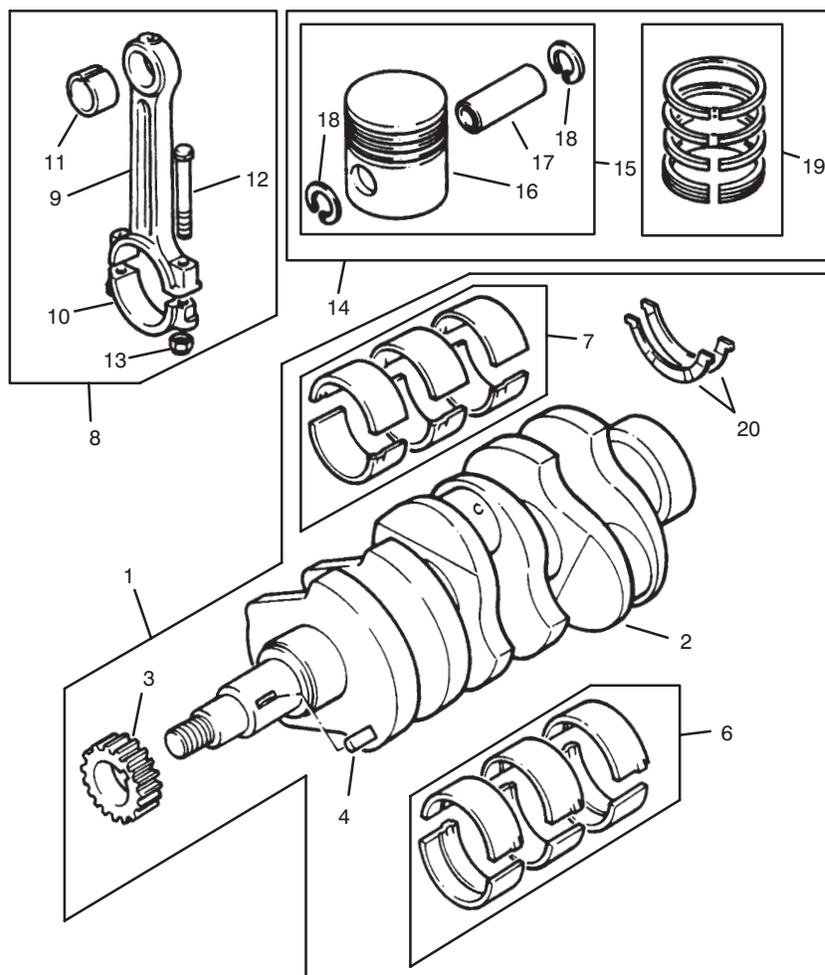
T-1377A

CYLINDER BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	110107071	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, 0.25mm u/s	1	32	110156240	Holder	
*	198517307	Bush, 0.50mm u/s	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	35	030500612	Dowel	2
15	030500512	Dowel	2	36	010810840	Screw	2
16	030500616	Dowel	2	37	011310850	Screw	1
17	030500820	Dowel	2	38	011310850	Screw	1
18	030309005	Pin	2	39	010700845	Screw	2
19	012100620	Stud	2	40	036509005	Circlip	1
20	012100635	Stud	1	41	064200018	Plug	2
21	012100660	Stud	1	42	198736052	Cock	1
22	110156220	Holder		*	110006330	Short Block Assembly	1
		Incl. Ref. #23 & 24)	1	*	195906610	Kit – Gasket	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



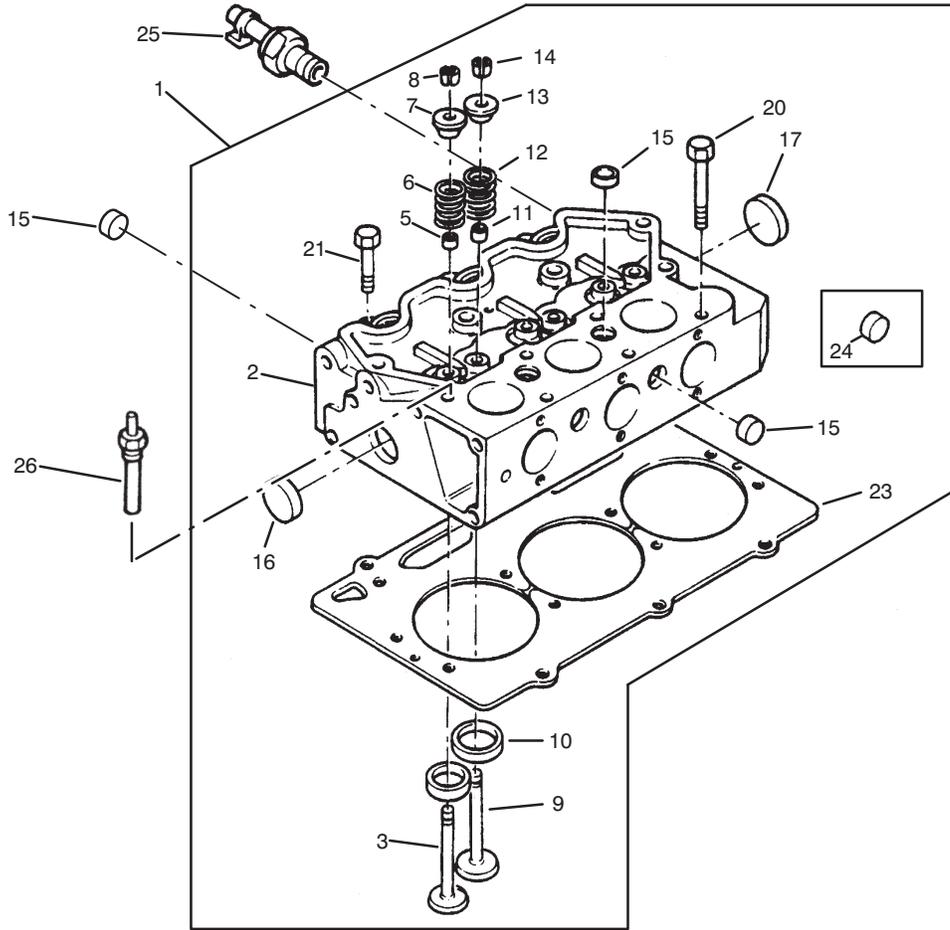
T-1378

CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	115236020	Kit – Crankshaft Incl. Ref. #2)	1	13	020109103	Nut	2
2		Crankshaft	1	14	115017180	Kit – Piston, Std.	3
3	115276210	Gear	1	*	115016674	Kit – Piston, 0.5mm o/s	1
4	030509020	Key	1	*	115016677	Kit – Piston, 1.0mm o/s	1
6	198586030	Kit – Bearing, Std.	1	15	115016770	Kit – Piston, Std. Incl. Ref. #16)	1
*	198586034	Kit – Bearing, 0.25mm u/s	1	*	115016774	Kit – Piston, 0.5mm o/s Incl. Ref. #16)	1
*	198586037	Kit – Bearing, 0.50mm u/s	1	*	115016777	Kit – Piston, 1.0mm o/s Incl. Ref. #16)	1
7	198586060	Kit – Bearing, Std.	1	16		Piston	1
*	198586064	Kit – Bearing, 0.25mm u/s	1	17	115326260	Pin	1
*	198586067	Kit – Bearing, 0.50mm u/s	1	18	03500019	Circlip	2
8	115026240	Connecting Rod Assembly Incl. Ref. # 9 & 10)	3	19	115107570	Kit – Piston Ring, Std.	1
9		Rod	1	*	115107263	Kit – Piston Ring, 0.5mm o/s	1
10		Cap	1	*	115107265	Kit – Piston Ring, 1.0mm o/s	1
11	198517325	Bushing	1				
12	115176130	Screw	2				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



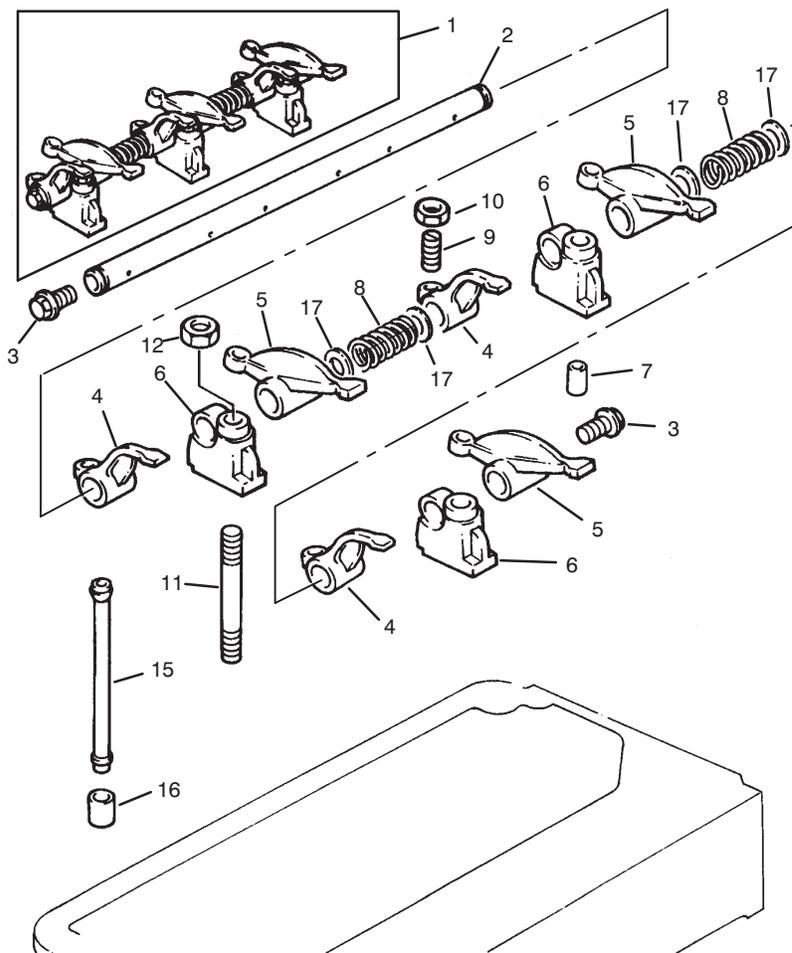
T-1379

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	111016911	Kit – Cylinder Head	1	13	120186100	Cap	3
2	111086030	Kit – Cylinder Head	1	14	120226080	Cotter	6
3	120166280	Valve Inlet	3	15	198466070	Plug	4
5	120406080	Seal	3	16	064200022	Plug	3
6	198217070	Spring	3	17	064200022	Plug	3
7	120186100	Cap	3	20	111136340	Screw	11
8	120226080	Cotter	6	21	111136350	Screw	3
9	120176290	Valve Exhaust	3	23	111147110	Gasket, o/s 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

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated

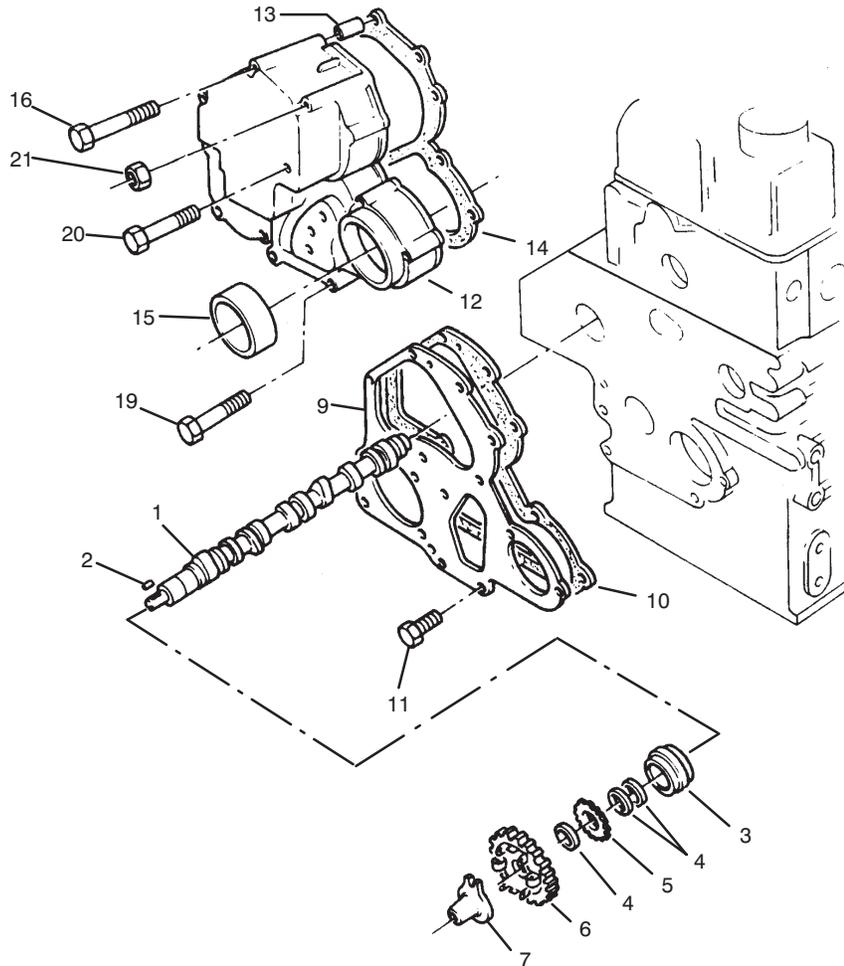


T-1380

ROCKER ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	120336020	Rocker Shaft Assembly	1	9	199486220	Adjusting Screw	6
2	120316190	Shaft	1	10	020109076	Nut	6
3	064609006	Plug	2	11	012109177	Stud	3
4	120356120	Lever	3	12	023100008	Nut	3
5	120356110	Lever	3	15	120456240	Rod	6
6	120346170	Bracket	3	16	120116100	Tappet	6
7	030300325	Pin	1	17	199280280	Washer	4
8	198217080	Spring	2				

NOTE: Obtain replacement parts from your local Perkins Dealer.



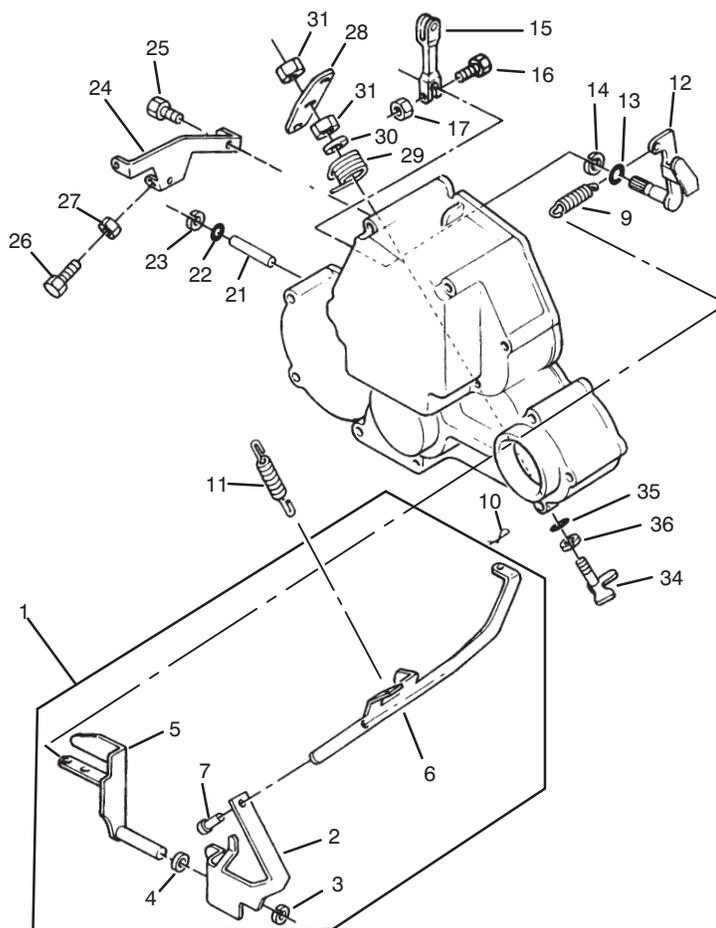
T-1381

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.

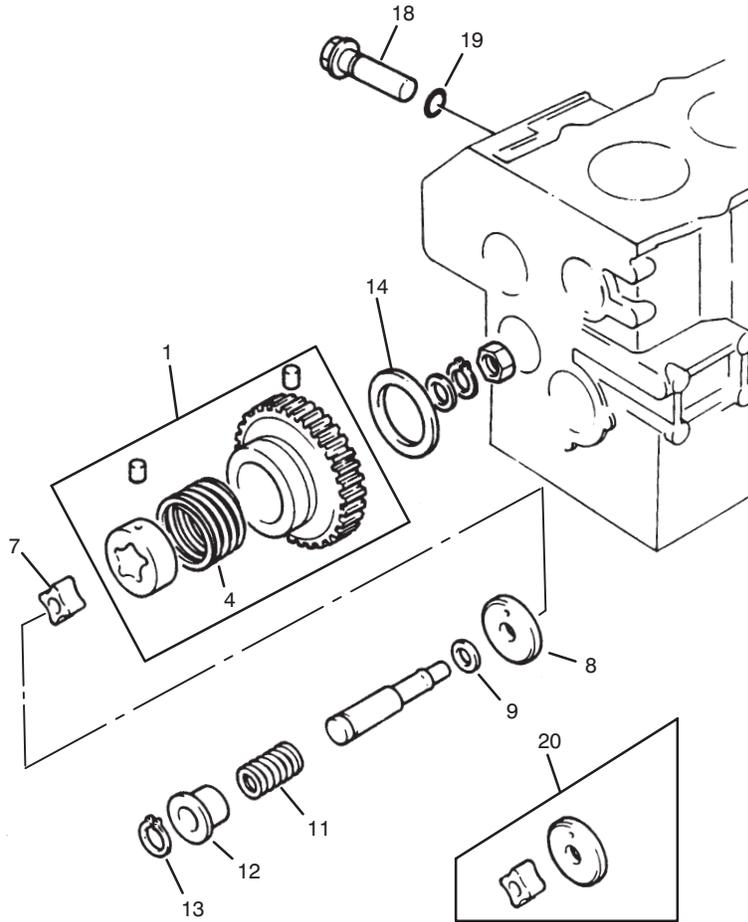


T-1382

TIMING COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	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	011300616	Screw	2
7		Pin	1	26	010109264	Screw	2
9	198217110	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

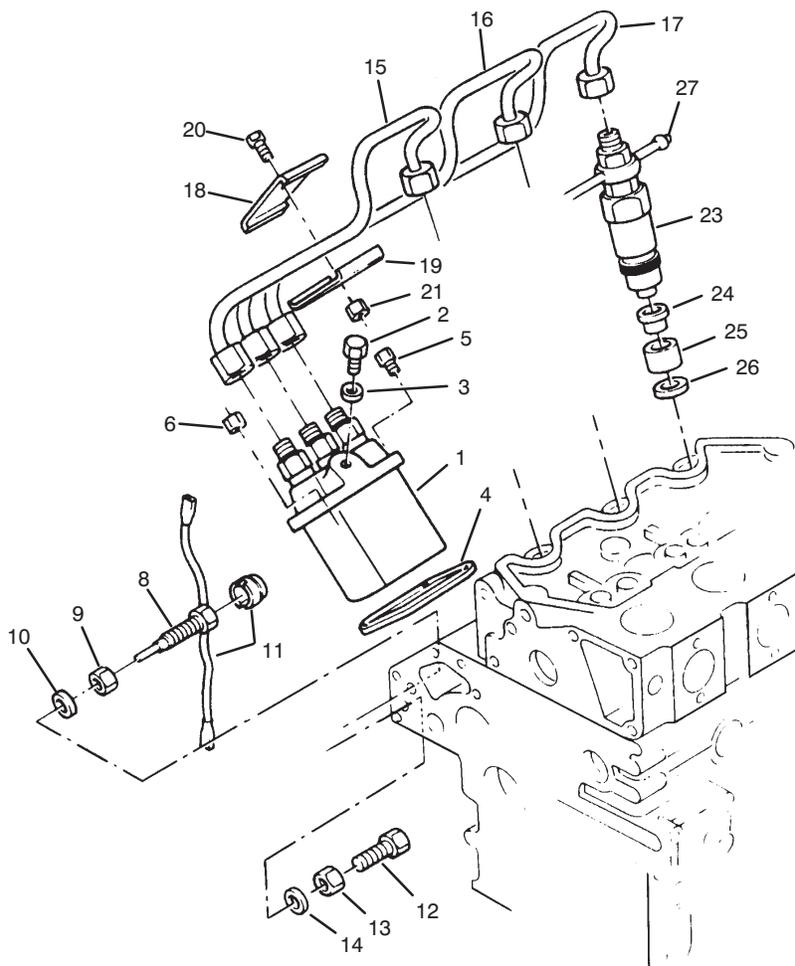
OIL PUMP ASSEMBLY

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 o/s	1
*	199286160	Shim, 0.15mm o/s	1
*	199286170	Shim, 0.20mm o/s	1
*	199286180	Shim, 0.50mm o/s	1

Ref. No.	Part No.	Description	No. Used
11	198216720	Spring	1
12	199236540	Collar	1
13	036800010	Circlip	1
14	199266180	Washer	1
18	140036111	Valve	1
19	052100150	Seal - O-Ring	1
20	140186010	Repair Kit	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



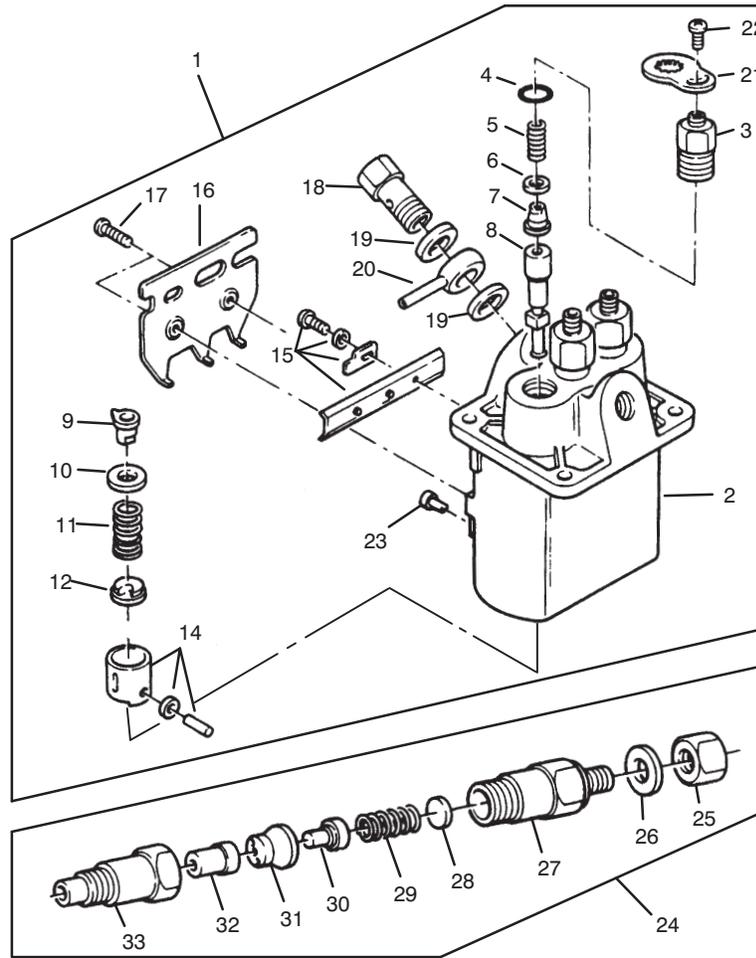
T-1384

FUEL INJECTION SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	131017390	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	131437240	Shim, 0.2mm o/s	1	16	131507020	Injection Pipe No. 2 Cyl.	1
*	131437242	Shim, 0.3mm o/s	1	17	131507030	Injection Pipe No. 3 Cyl.	1
*	131437246	Shim, 0.4mm o/s	1	18	199106020	Damper	2
*	131437248	Shim, 0.5mm o/s	1	19	199106020	Damper	2
5	011300620	Screw	2	20	010100625	Screw	2
6	023100006	Nut	2	21	023100006	Nut	2
8	131046160	Screw	1	23	131406340	Atomiser	3
9	023109002	Nut	1	24	131426200	Gasket	3
10	025100010	Washer	1	25	111316280	Insert	3
11	198236030	Wire	1	26	198996090	Seal	3
12	010109270	Screw	1	27	131606260	Pipe	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



T-1385

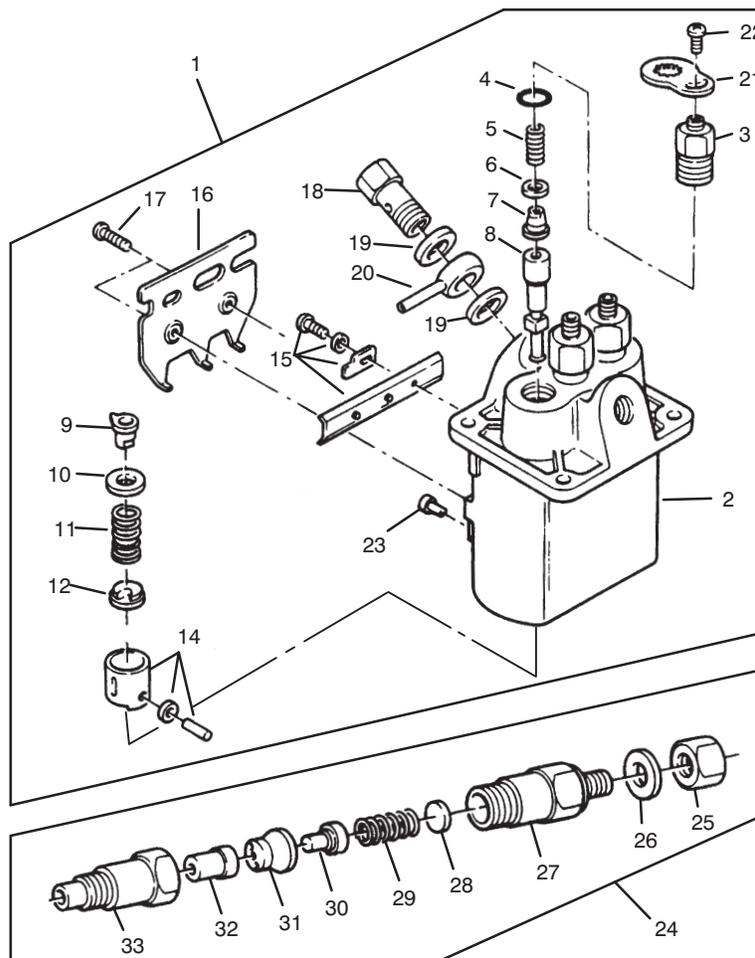
INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	131017390	Injection Pump	1
2	131296665	Housing	1
3	131196130	Holder	3
4	131226170	Seal – O–Ring	3
5	131176430	Spring	3
6	131186100	Gasket	3
7	131156160	Valve	3
8	131116410	Element	3
9	131296638	Sleeve	3
10	131296620	Seat	3
11	131176440	Spring	3
12	131296621	Seat	3
*	131296622	Plate, 1.85mm o/s	1
*	131296623	Plate, 1.90mm o/s	1
*	131296624	Plate, 1.95mm o/s	1
*	131296625	Plate, 2.00mm o/s	1
*	131296626	Plate, 2.05mm o/s	1
*	131296627	Plate, 2.10mm o/s	1
*	131296628	Plate, 2.15mm o/s	1
*	131296629	Plate, 2.20mm o/s	1
*	131296630	Plate, 2.25mm o/s	1
*	131296631	Plate, 2.30mm o/s	1
*	131296632	Plate, 2.35mm o/s	1
*	131296633	Plate, 2.40mm o/s	1
*	131296634	Plate, 2.45mm o/s	1
*	131296635	Plate, 2.50mm o/s	1

Ref. No.	Part No.	Description	No. Used
14	131256120	Tappet	3
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 o/s	1
*	131437251	Shim, 0.925mm o/s	1
*	131437252	Shim, 0.95mm o/s	1
*	131437253	Shim, 0.975mm o/s	1
*	131437354	Shim, 1.00mm o/s	1
*	131437255	Shim, 1.025mm o/s	1
*	131437256	Shim, 1.05mm o/s	1
*	131437257	Shim, 1.075mm o/s	1
*	131437258	Shim, 1.10mm o/s	1
*	131437259	Shim, 1.125mm o/s	1
*	131437260	Shim, 1.15mm o/s	1
*	131437261	Shim, 1.175mm o/s	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



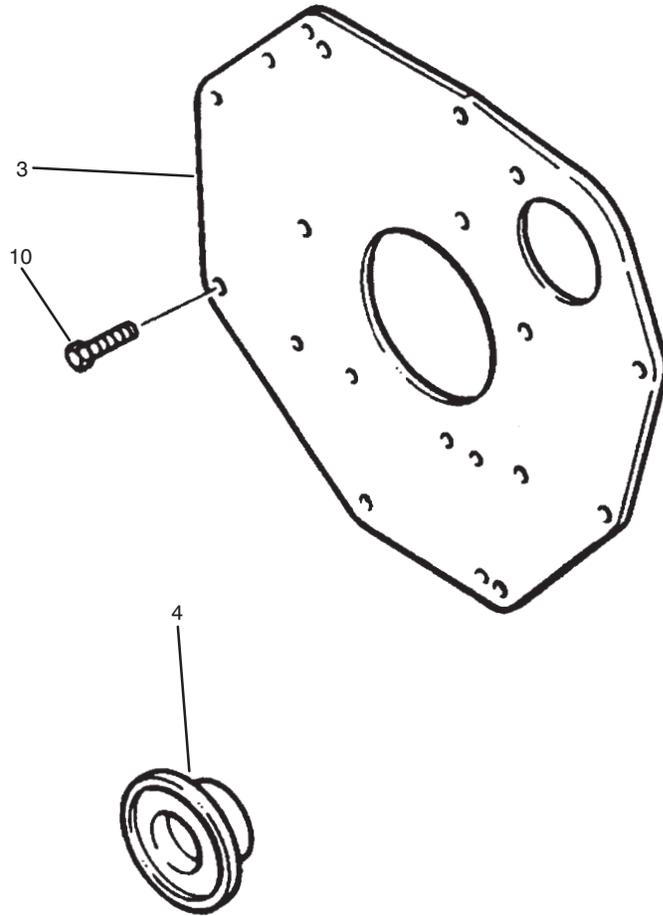
T-1385

INJECTION PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
*	131437262	Shim, 1.20mm o/s	1	29	131446066	Spring	1
*	131437263	Shim, 1.225mm o/s	1	30	131446070	Pin	1
*	131437264	Shim, 1.250mm o/s	1	31	131446068	Spacer	1
*	131437265	Shim, 1.275mm o/s	1	32	131416150	Nozzle	1
*	131437266	Shim, 1.30mm o/s	1	33	131446067	Nut	1
*	131437267	Shim, 1.325mm o/s	1				
*	131437268	Shim, 1.35mm o/s	1				
*	131437269	Shim, 1.375mm o/s	1				
*	131437270	Shim, 1.40mm o/s	1				
*	131437271	Shim, 1.425mm o/s	1				
*	131437272	Shim, 1.45mm o/s	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated

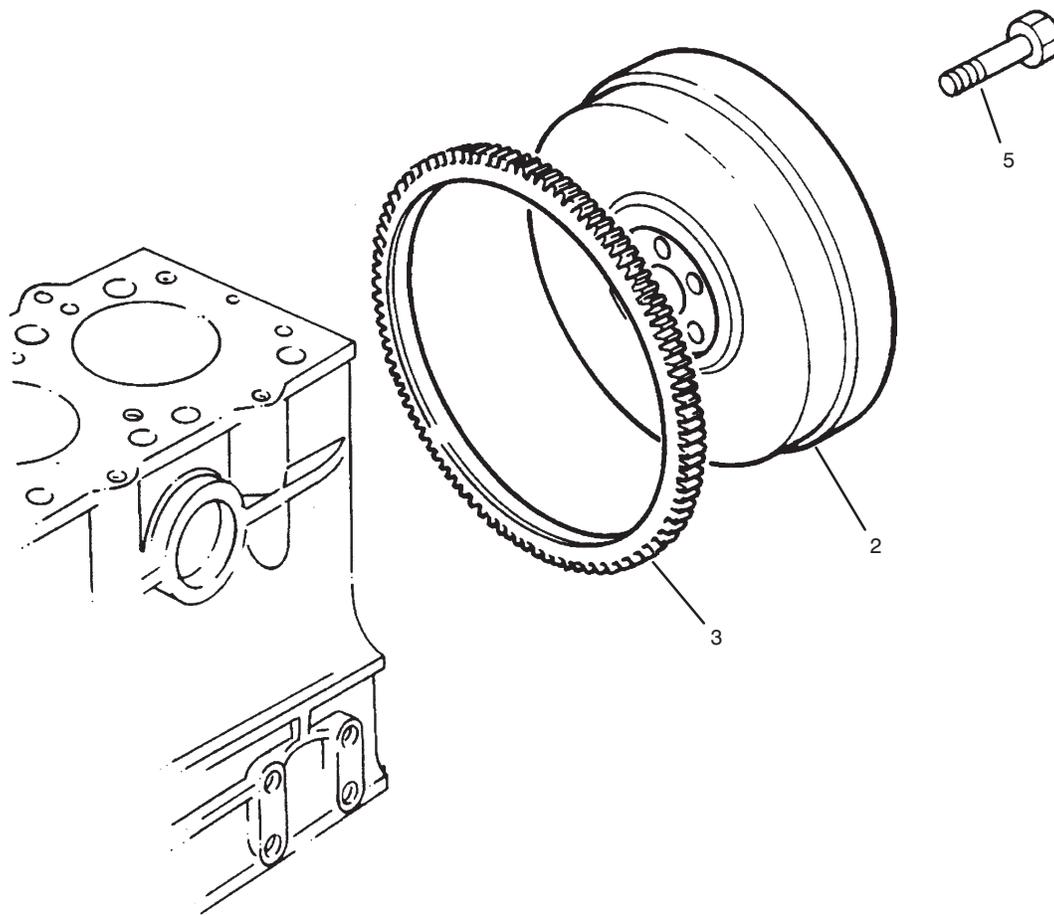


T-1386

REAR PLATE & SEAL

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
3	110366400	Plate	1	10	011310816	Screw	10
4	198636080	Seal	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

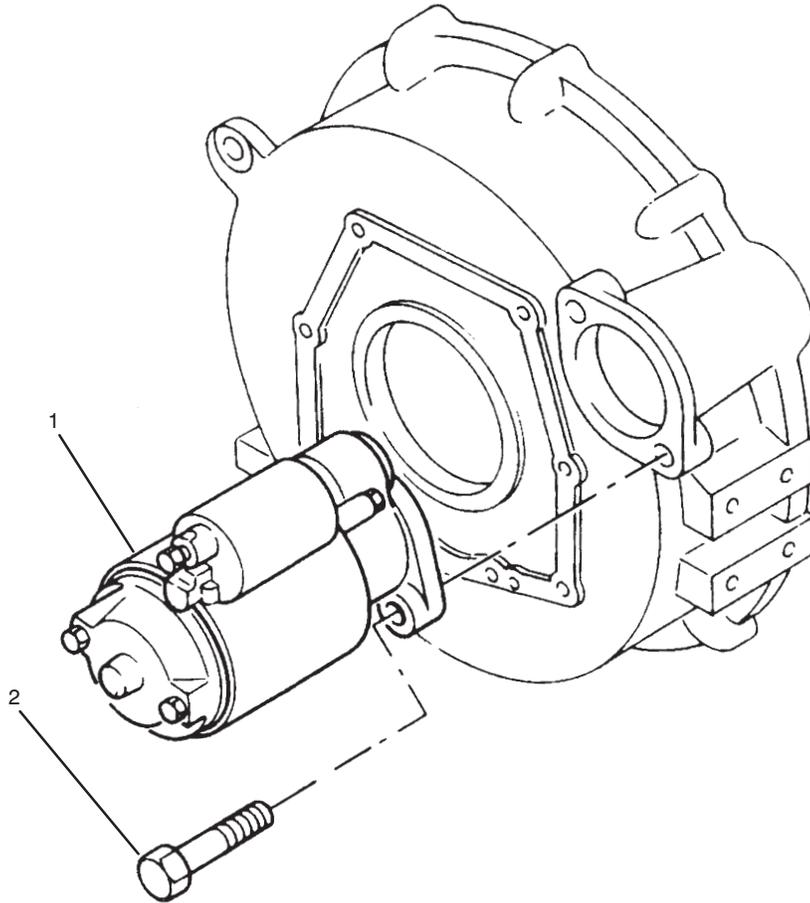


T-1387

FLYWHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
2	115356921	Flywheel	1	5	010109330	Screw	4
3	115376150	Gear - Ring	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

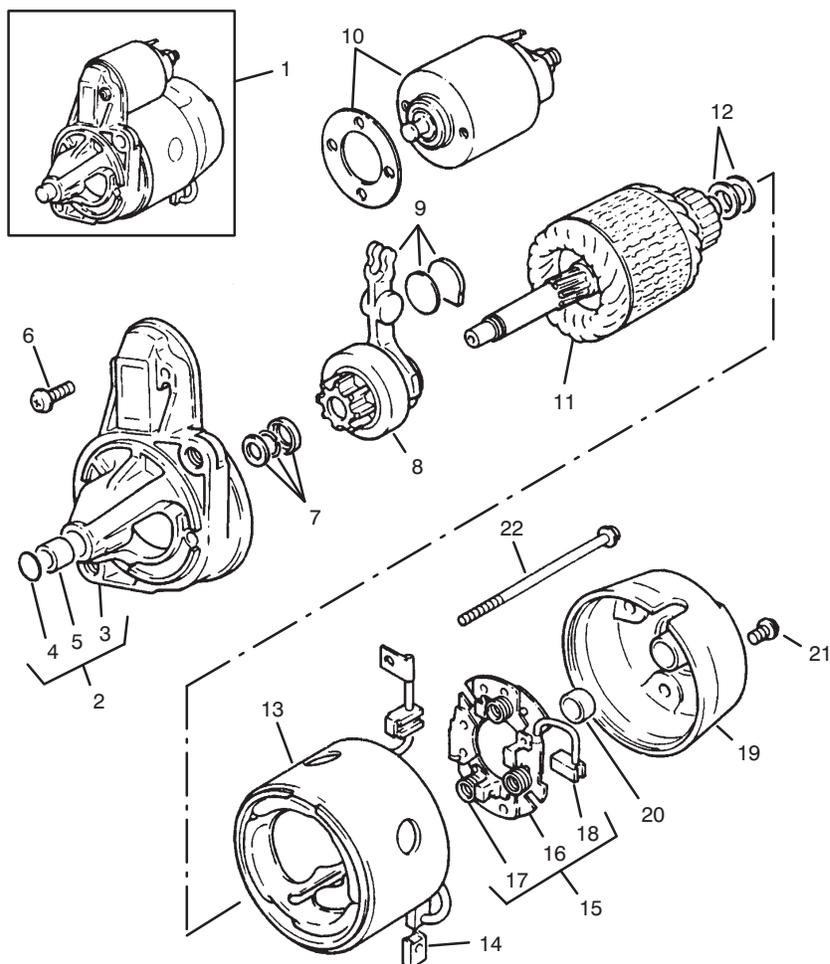


T-1388

STARTER INSTALLATION ASSEMBLY

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

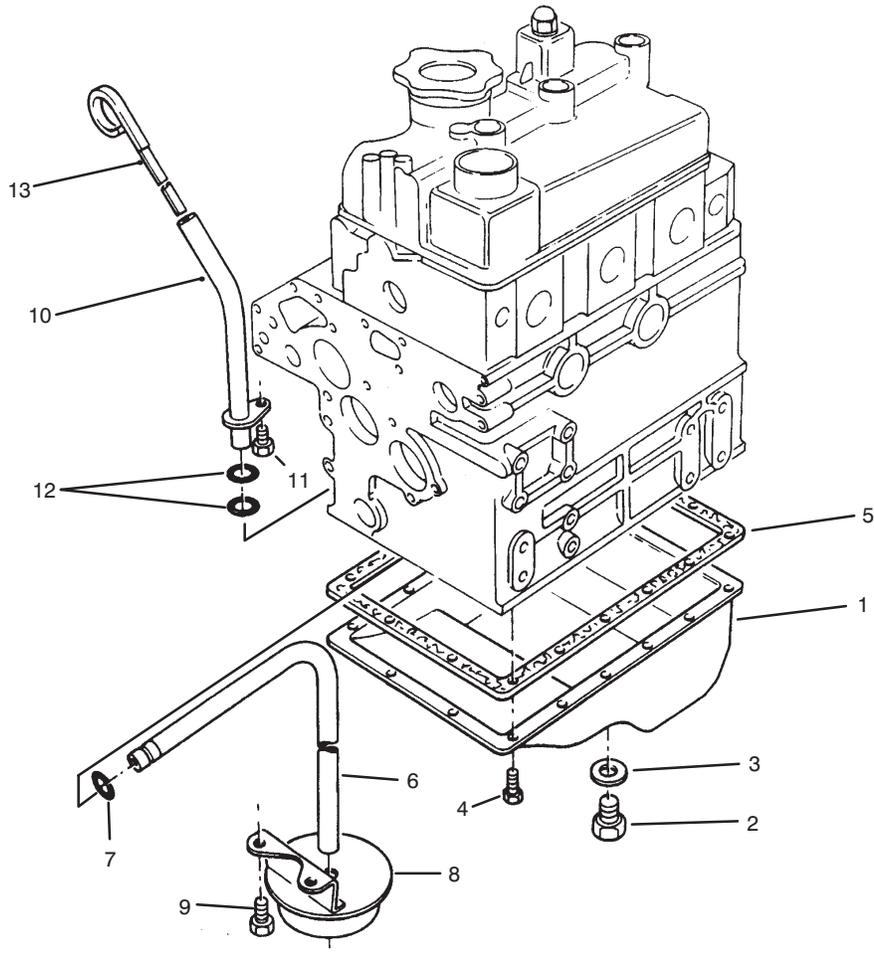


T-1389

STARTER ASSEMBLY

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



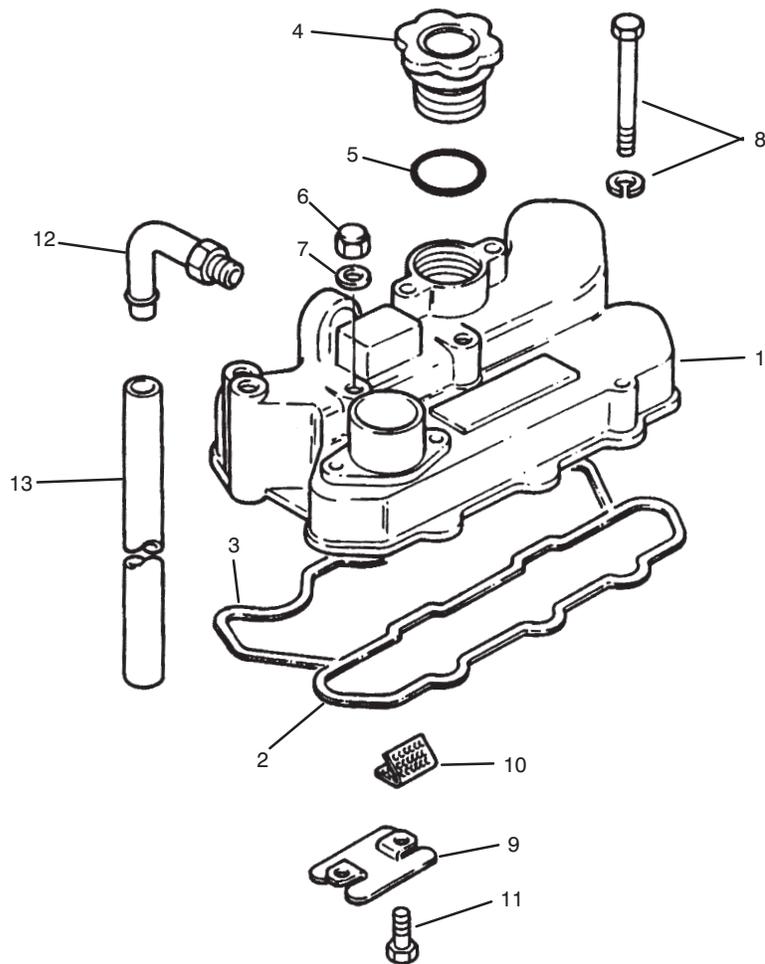
T-1390A

OIL SUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	110706860	Sump	1
2	010401212	Plug	2
3	025100012	Washer	2
4	010109235	Screw	18
5	110996590	Gasket	1
6	140986590	Pipe	1
7	052100110	Seal - O-Ring	1

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

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

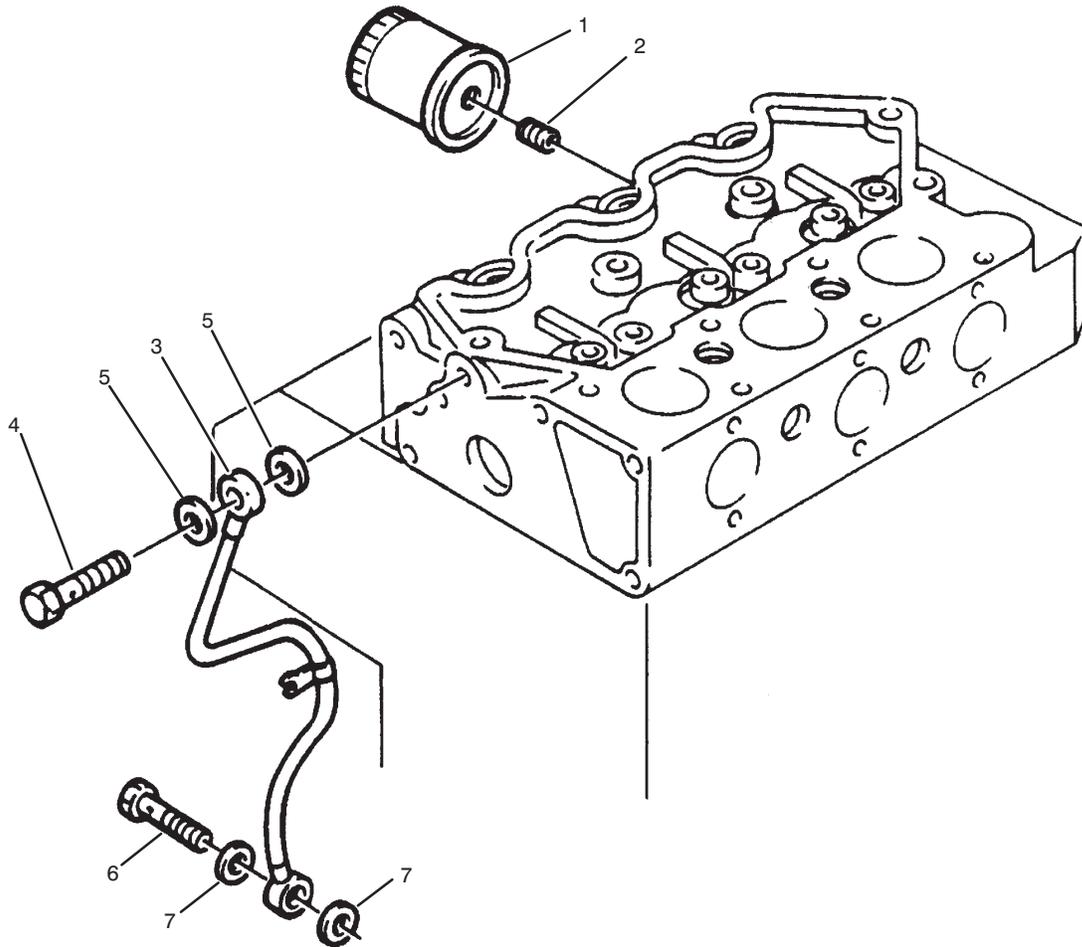


T-1391

VALVE COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	111026370	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
7	198996060	Washer	3				

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



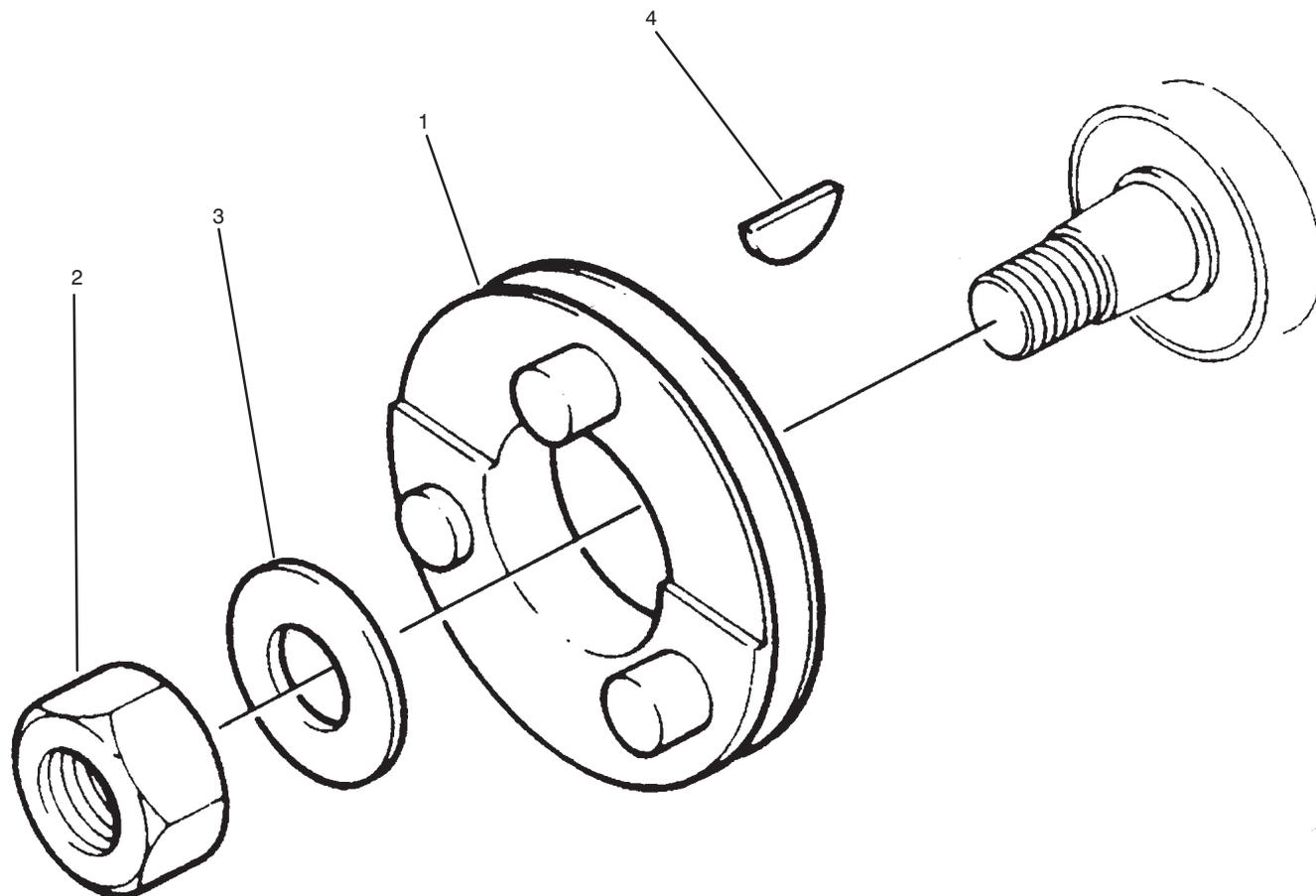
T-1392

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.



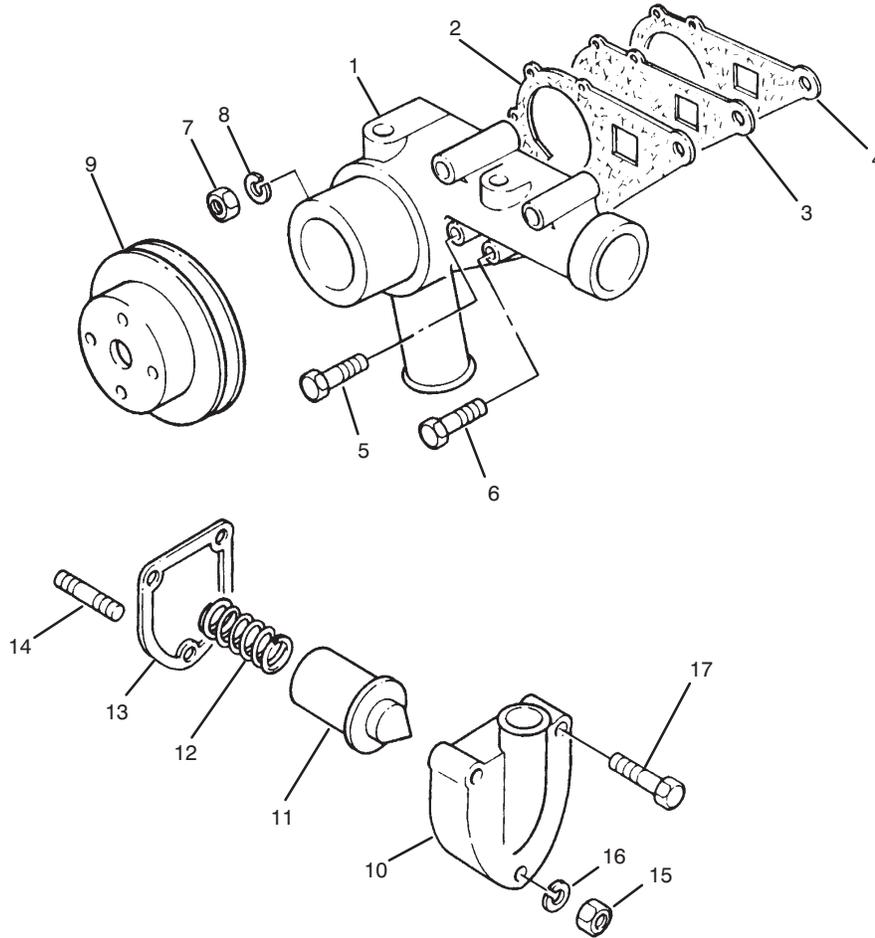
T-1393

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.



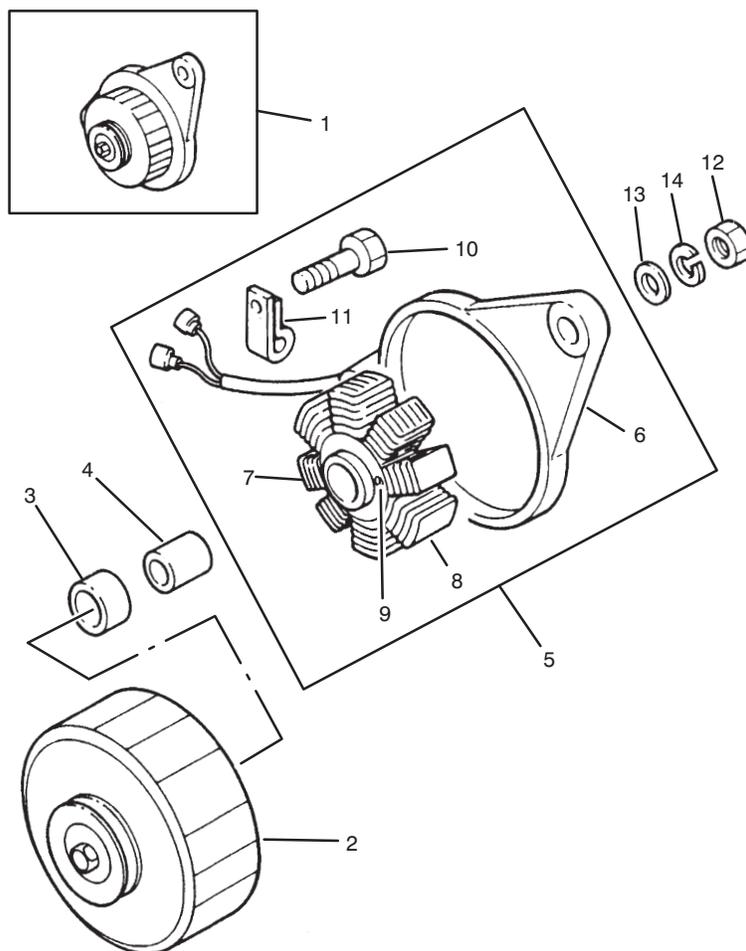
T-1394

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	145216161	Housing	1
11	145206062	Thermostat	1
12	198217410	Spring	1
13	145996440	Gasket	1
14	012100650	Stud	1
15	023100006	Nut	1
16	027100006	Washer	1
17	011300650	Screw	2

NOTE: Obtain replacement parts from your local Perkins Dealer.

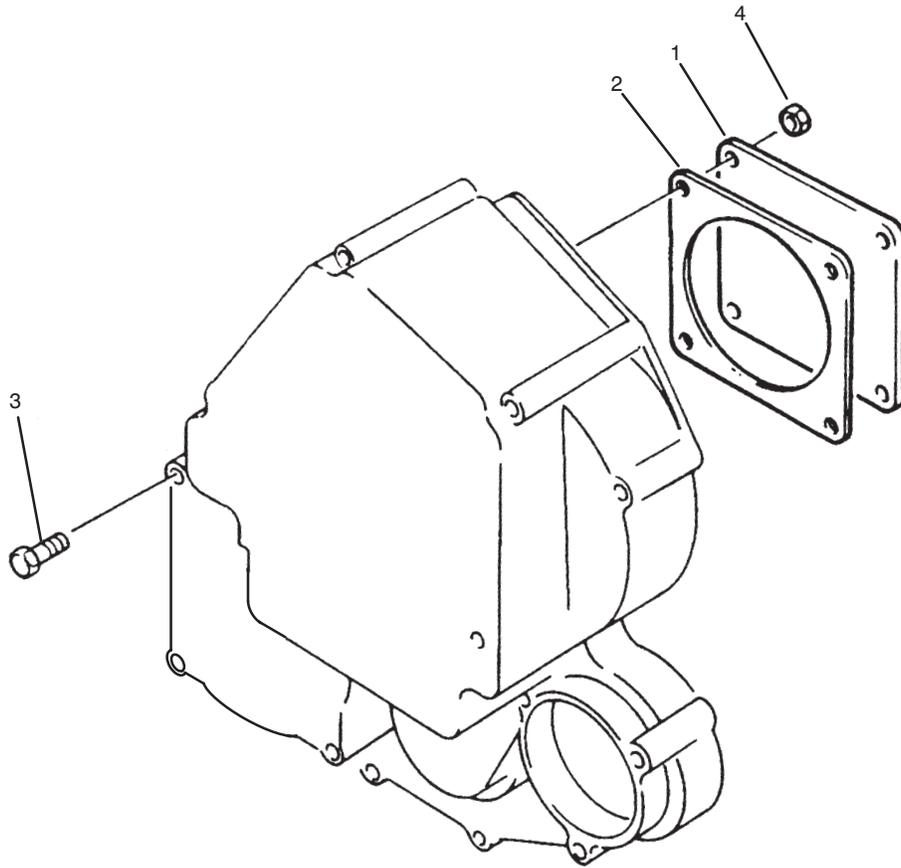


T-1397

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.



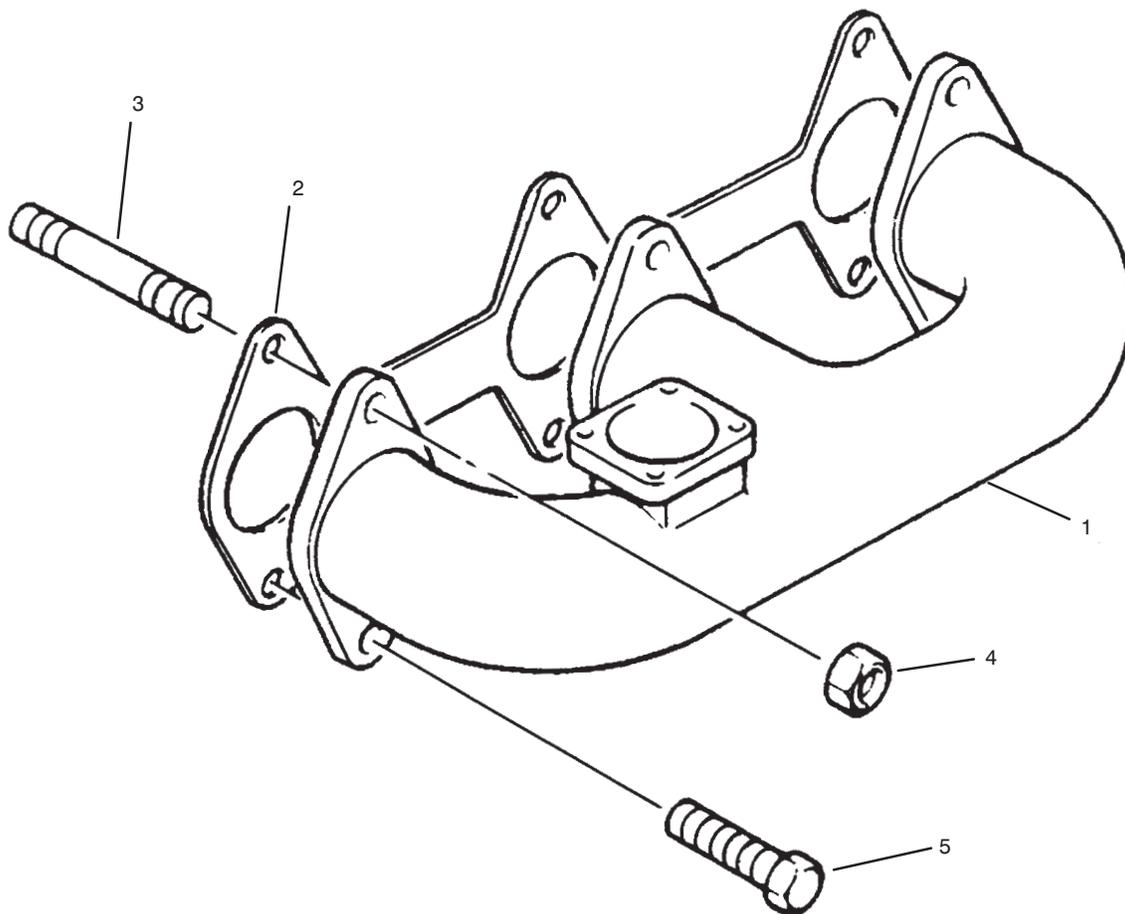
T-1398

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.



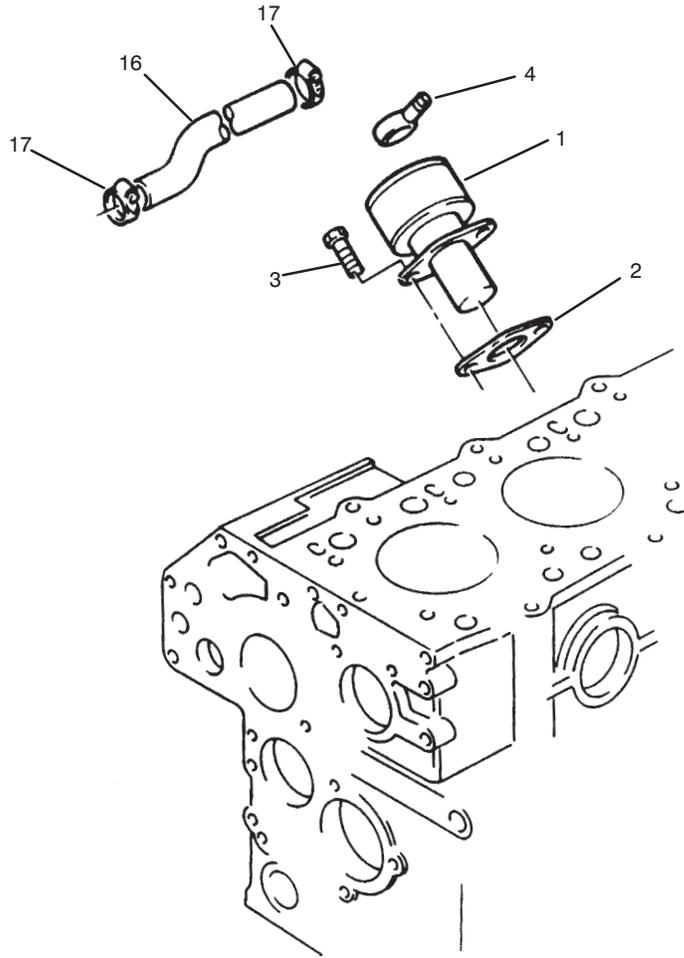
T-1399

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.

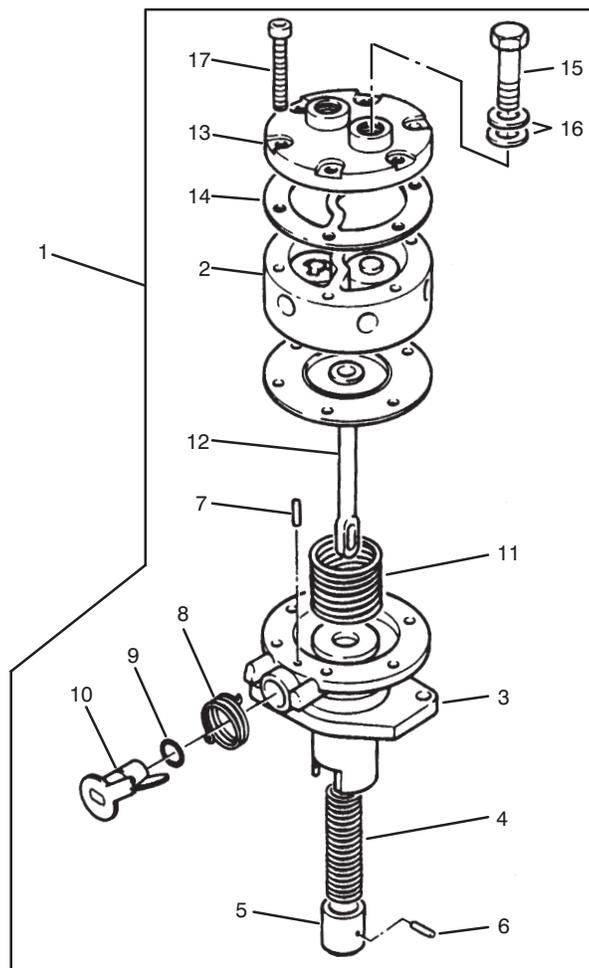


T-1400

LOW PRESSURE FUEL SYSTEM 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.

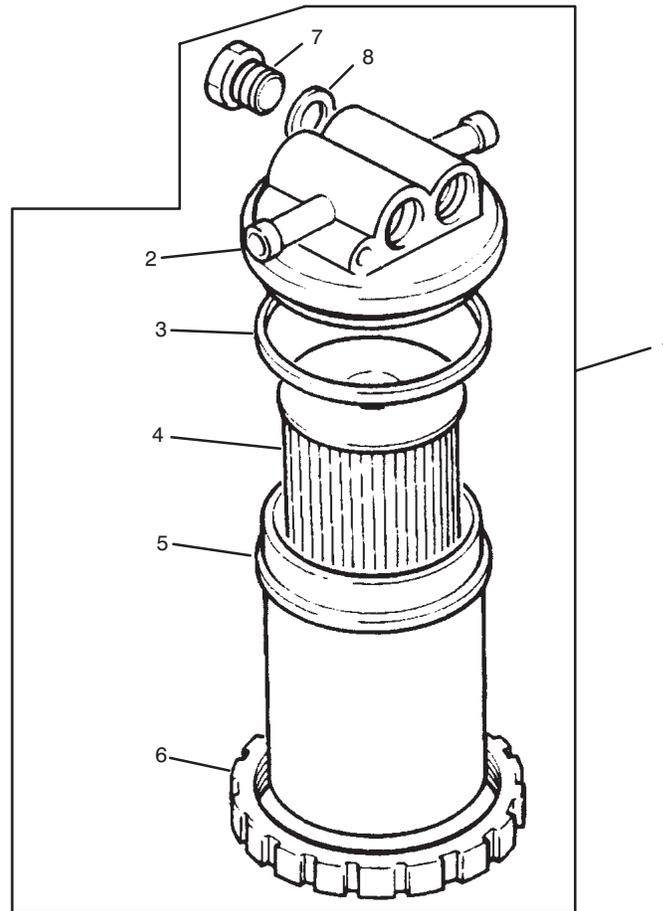


T-1401

LIFT PUMP ASSEMBLY

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

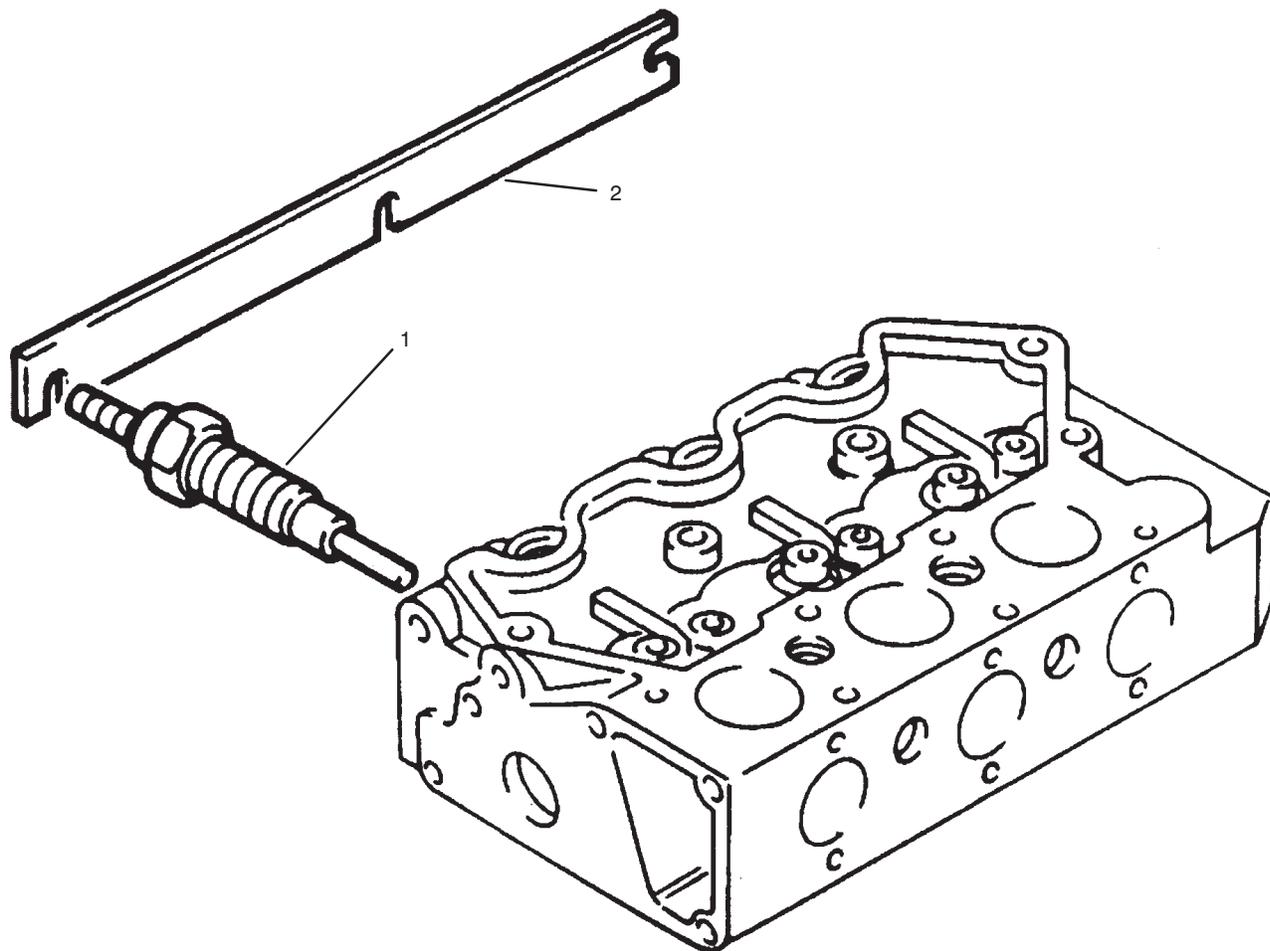


T-1402

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.



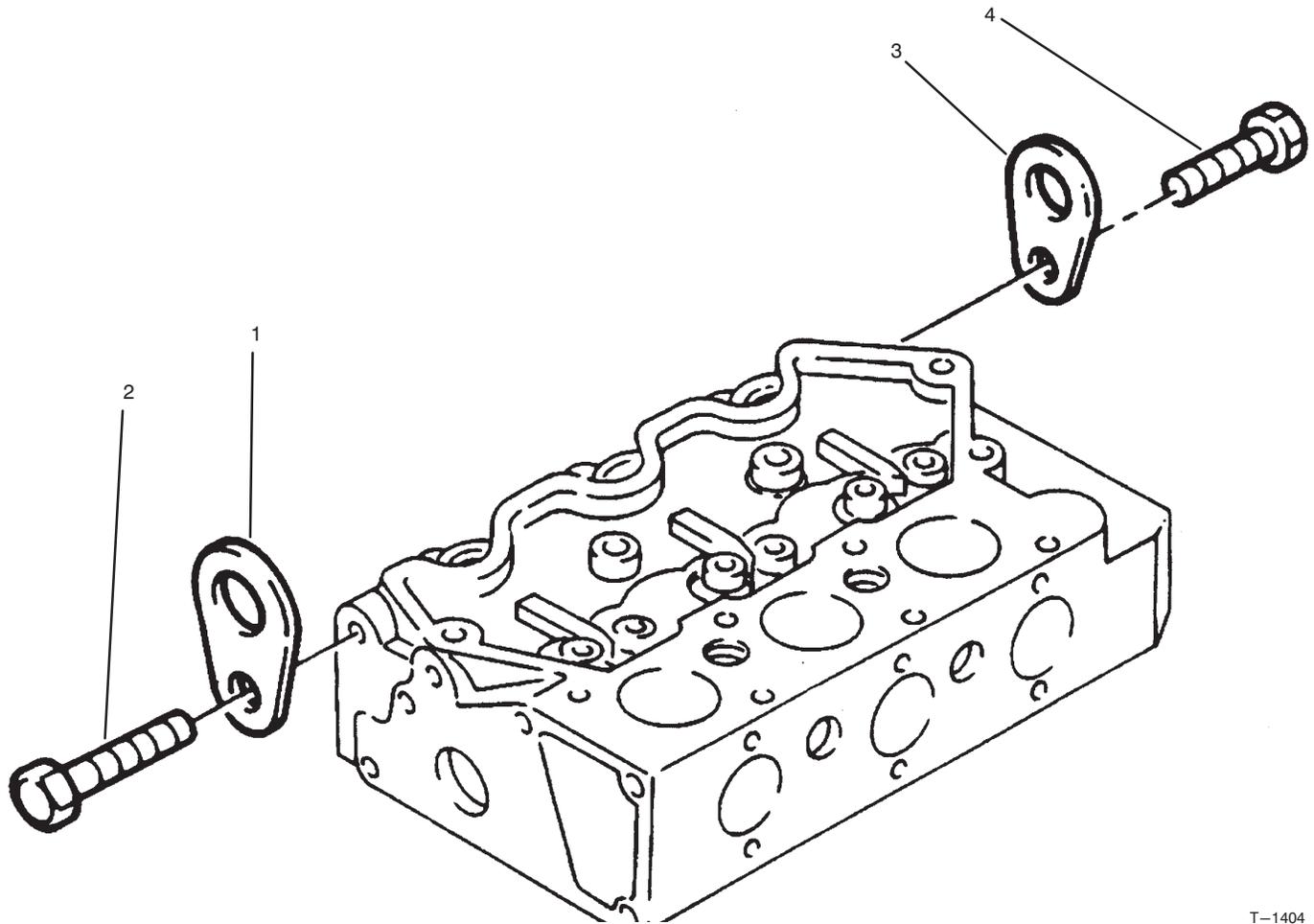
T-1403

COLD START SYSTEM ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
2	185376200	Bar	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



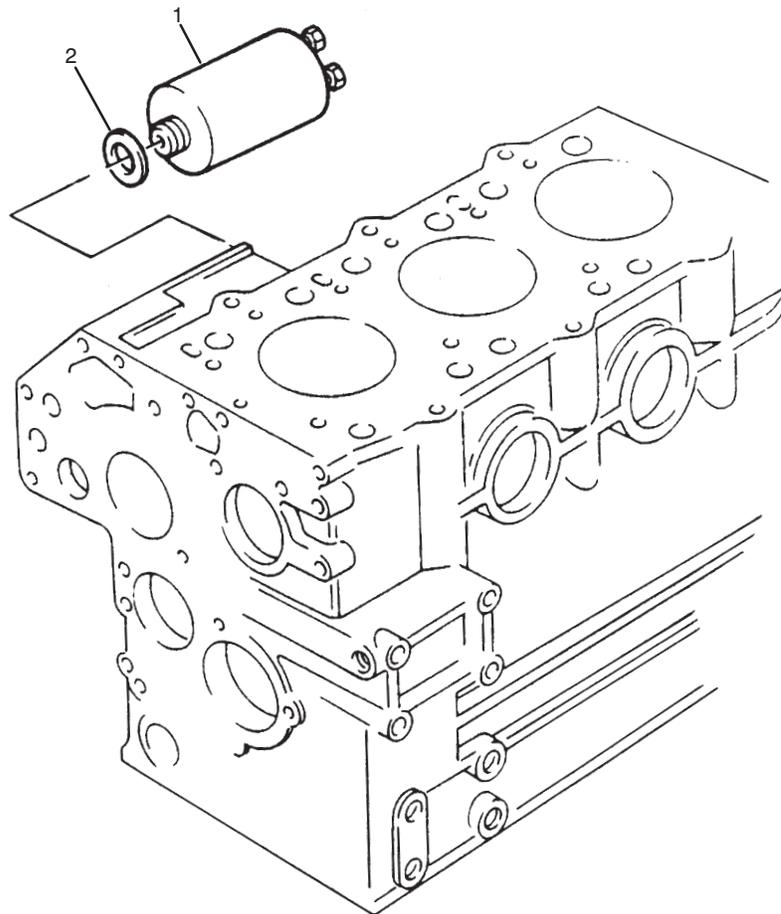
T-1404

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.

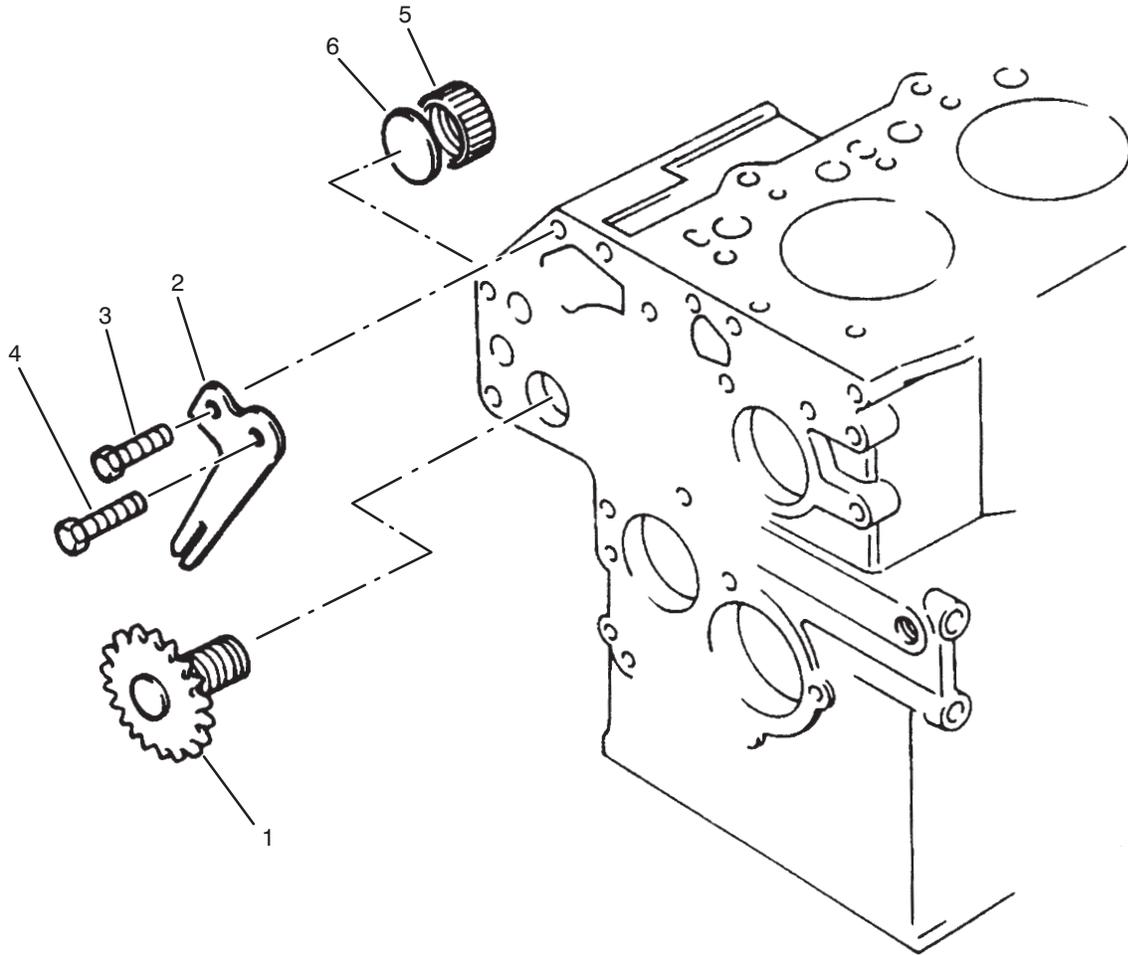


T-1405

THROTTLE STOP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	185206081	Solenoid	1	2	025100016	Washer	1

NOTE: Obtain replacement parts from your local Perkins Dealer.



T-1406

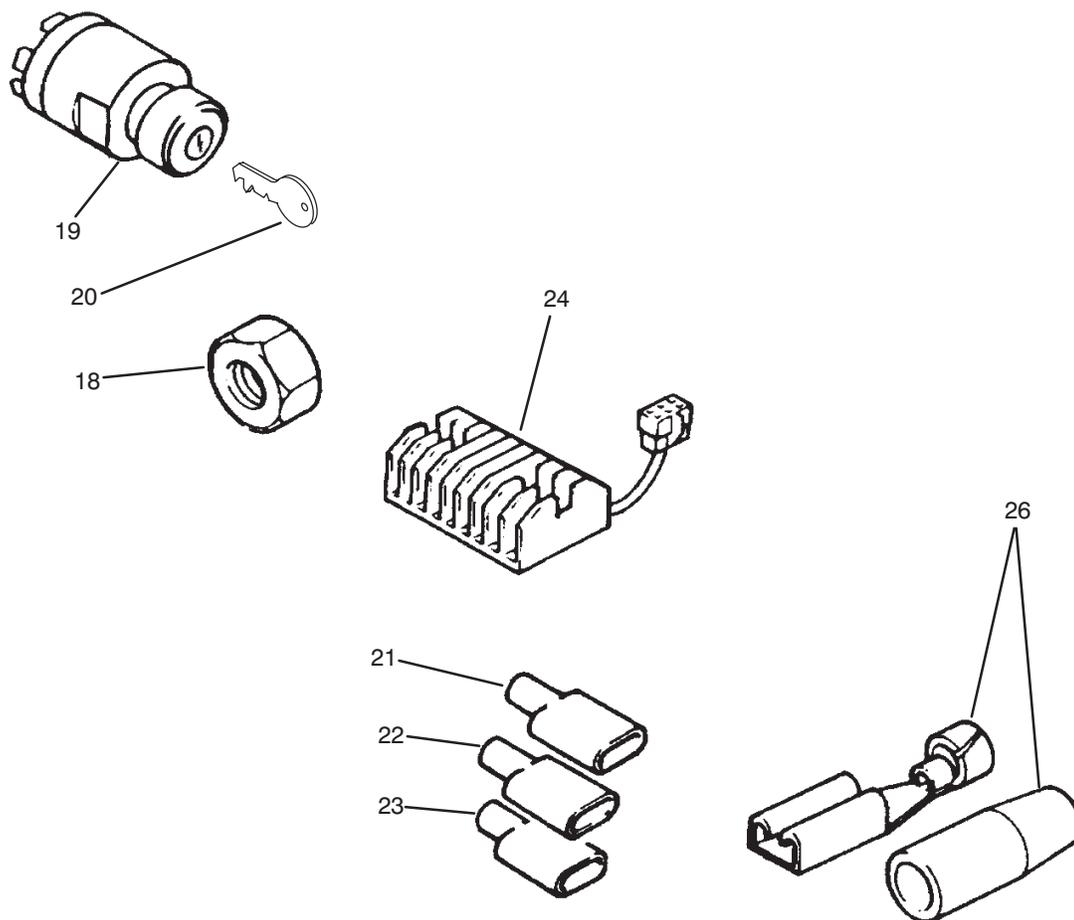
RECORDER ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

† Also available from Toro. Part No. 85-5270.



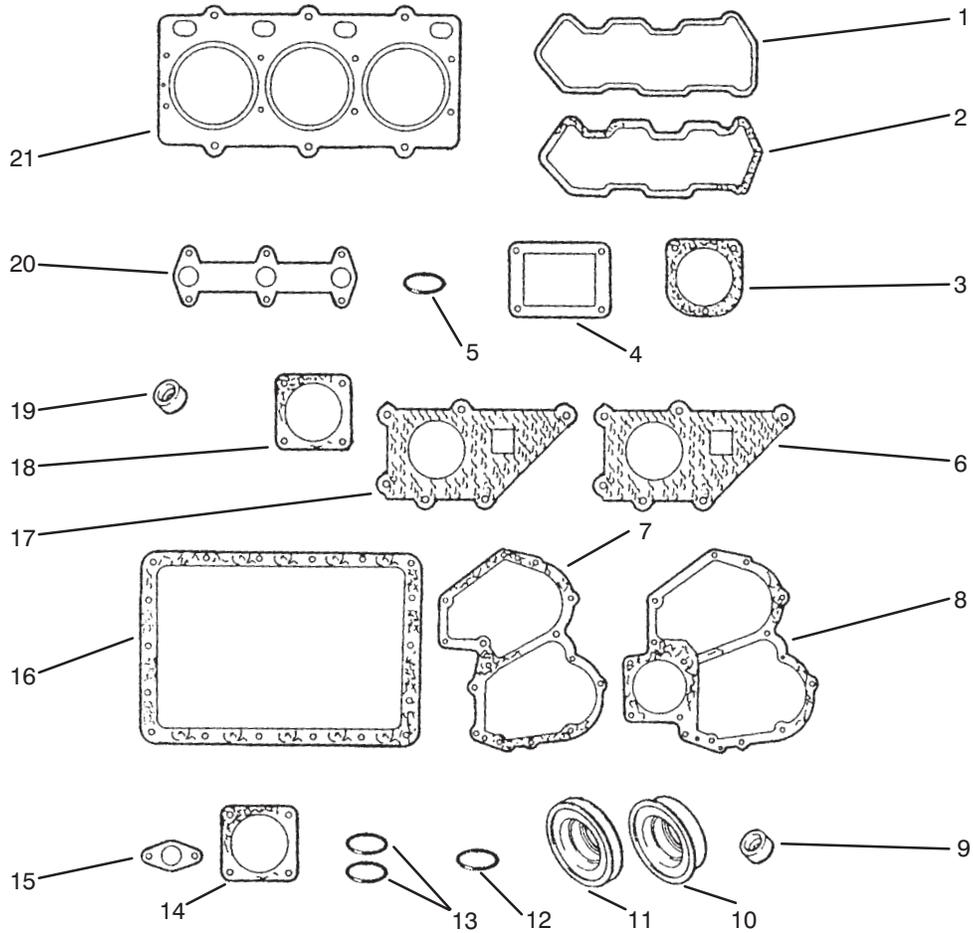
T-1407A

ELECTRICAL COMPONENT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
18	020100008	Nut	1	22	385620280	Connection	2
19	385201160	Switch	1	23	385620270	Connection	1
†20	385210060	Key	A/R	24	185516060	Regulator	1
21	385620010	Connection	1	26	385620200	Connection	2

NOTE: Obtain replacement parts from your local Perkins Dealer.

† Also available from Toro. Part No. 85-5270.



T-1970

GASKET AND SEALS

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

Ref. No.	Part No.	Description	No. Used
13	052100100	O-Ring	2
14	165996420	Gasket	1
15	130996070	Gasket	1
16	110996590	Gasket	1
17	145996420	Gasket	1
18	314990013	Gasket	1
19	120406080	Seal	3
20	135996520	Gasket	1
21	111147100	Gasket	1
*	195906610	Kit - Gasket & Seals (Incl. Ref. #1-21)	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated

TORO PART NUMBER INDEX

3317-219 Rev.A

Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
3-0348	Bushing - Sleeve	32	8	4	33-1330	Nut Assembly	5	6	1
3-0348	Bushing - Sleeve	33	17	2	33-1340	Clamp Assembly	5	7	1
3-6498	Washer	17	50	2	33-1350	Band Assembly	5	3	2
3-6498	Washer - Thrust	9	17	A/R	33-1350	Clamp Assembly	4	60	2
3-6692	Spring - Compression	12	24	1	36-4310	Brush	37	5	1
5-0743	Spring - Extension	33	1	1	36-7290	Spindle - Fan	23	49	1
5-0743	Spring - Extension	32	23	2	37-9090	Belt - V	23	2	1
5-2653	Cable Pulley Assembly	30	8	1	37-9590	Spring - Compression	3	22	1
5-2655	Keeper - Cable	30	7	1	42-9850	Washer	24	61	1
5-2656	Keeper - Cable	30	30	2	43-1950	Lift Valve Assembly	28	4	1
5-7280	Key - Square	26	1	3	43-8600	Spring - Compression	3	28	1
5-7290	Spring - Extension	16	6	1	43-8610	Guide - Spring	3	27	1
10-6821	Brake Drum Assembly	16	18	2	43-8620	Guide - Pin	3	30	1
10-6830	Stud - Drive	35	16	4	43-8860	Plunger - Switch	3	29	1
10-6870	Hub - Wheel	16	19	2	43-8870	Boot - Switch	3	32	1
10-6870	Hun - Wheel	35	22	1	43-9071	Seat Switch Assembly	4	*	1
10-7070	Key - Square	26	13	1	44-2212	Light Assembly	7	41	1
12-9140	Decal	37	1	1	46-6811	Screw - Cap Hex. Hd.	25	5	2
14-5759	Hood	1	2	1	46-8400	Bearing - Needle	13	42	1
16-1089	Lift Arm Assembly	33	29	1	46-8810	Stop - Spring	15	1	1
16-1149	Top Shroud Assembly	10	5	1	48-1800	Cylinder Block Kit	13	5	1
16-1159	Lift Arm Assembly L.H.	32	9	1	48-7700	Screw - Cap Hex. Hd.	23	14	6
16-1169	Lift Arm Assembly R.H.	32	*	1	48-7730	Screw - Cap Hex. Hd.	6	10	1
16-3869	Skirt Panel	3	12	1	48-7780	Screw - Cap Hex. Hd.	23	29	16
21-0140	Rod End Assembly	35	30	1	48-8010	Washer - Flat	23	41	4
21-0150	Rod End Assembly	9	15	1	48-9460	Screw - Cap Hex. Hd.	25	7	4
22-8330	Plug	29	1	2	48-9460	Screw - Cap Hex. Hd.	23	8	10
22-8340	Spring	29	3	2	48-9590	Washer - Lock	23	28	16
22-8350	Ball	29	4	2	49-2040	Screw - Hex. Flange Hd.	15	25	3
22-8360	Pin - Cam	29	6	2	49-2040	Screw - Hex. Flange Hd.	12	35	3
22-8370	Seat - Check Valve	29	5	2	49-8480	Shaft - Trunnion	13	12	1
22-8380	Retainer - Spring	29	10	2	49-8510	Kit - Charge Relief	14	*	1
22-8410	Spring	29	11	1	49-8520	Kit - Implement Relief	14	*	1
22-8420	Spool	29	8	1	51-3150	Shim - Spring	15	6	1
22-8480	Snap Ring - Spool	29	13	1	52-2861	Washer - Flat	12	23	1
22-8490	Snap Ring	29	14	1	54-0110	Element - Oil Filter	11	15	1
22-8500	Seal - O-Ring	29	9	2	55-4300	Decal - Warning	32	10	2
23-2140	Hose - Fuel	36	23	1	55-4300	Decal - Warning	33	24	1
23-3030	Spacer	29	12	1	56-2230	Hose - Fuel	36	11	1
24-0760	Cooler - Oil	10	20	1	56-2520	Valve - Fuel Shut-Off	36	9	1
25-2380	Plate - Thrust	13	39	1	56-7976	Clamp - Hose	35	6	2
25-2390	Plate - Valve	13	40	1	56-7976	Clamp - Hydraulic Tube	19	5	2
25-2400	Gasket	13	43	1	56-7977	Clamp - Hydraulic Tube	19	17	2
25-2430	Pin - Straight	13	41	1	56-9510	Bushing Assembly	34	10	2
25-2450	Swash/Plate	13	37	1	56-9520	Bushing - Nyliner	34	16	1
25-2460	Plug	13	14	2	57-5420	Screw - Shoulder	11	5	1
25-2470	Kit - Shim Pack	13	16	2	57-6390	Nut	24	60	1
25-2480	Spring - Charge Relief	13	32	1	59-2150	Taper Lock Bushing Assy.	12	20	1
25-2490	Ball - Check Valve	13	47	2	61-0140	Pulley - Reel	26	4	3
25-2510	Washer	13	11	2	61-2070	Rod - Steering	9	13	1
25-2530	Pin - Straight	13	26	1	61-2070	Rod - Steering	35	28	1
25-2570	Spring - Relief Valve	13	17	1	61-2090	Steering Column Assembly	9	8	1
25-2630	Ring	13	3	1	61-2370	Spacer	15	16	2
25-2640	Spring - Check Valve	13	48	2	61-2430	Hub - Lift	30	45	1
25-2650	Plug - Check Valve	13	49	2	61-2610	Arm - Traction	15	14	1
25-2680	Gerotor Assembly	13	25	1	61-2790	Screen - Filler	11	8	1
25-3180	Kit - Check Valve	14	*	1	61-3210	Cable Pulley Assembly	30	22	3
25-3210	Seal - Lip	13	10	2	61-3230	Spacer	30	24	3
26-3790	Nut - Lock	35	21	1	61-3270	Spring - Compression	32	7	2
26-3790	Nut - Lock	16	23	2	61-3330	Pulley	12	16	1
27-9870	Pin - Seat	3	24	1	61-3380	Belt - Reel Drive	26	42	3
28-3670	Shaft - Trunnion	13	28	1	61-3830	Chain - Lift	30	33	2
28-6180	Pin	3	23	1	61-3990	Parking Brake Assembly	16	5	1
29-6120	Plate - Pump	15	5	1	61-7250	Boot	32	6	4
29-6150	Spring - Leaf	15	9	1	62-4290	O-Ring	13	44	2
29-6170	Spring - Extended Leaf	15	7	1	62-7170	Spacer	3	43	1
29-9080	Handle	37	3	1	62-7240	Cover - Spring	33	2	1
29-9090	Hose - Handle	37	4	1	62-7250	Boot	33	18	2
33-1300	Element Assembly	5	5	1	62-7300	Chain	33	3	1
33-1310	Baffle	5	8	1	62-7400	Decal - TORO	1	1	1
33-1320	Cup	5	9	1	62-9130	Grip - Handle	2	9	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
62-9510	Washer - Flat	23	50	1	76-0370	Bolt - Shoulder	32	27	2
63-1400	Guide - Cable	30	28	1	76-0390	Spacer	34	15	1
63-7620	Hose - Fuel	36	5	1	76-0410	Spring - Compression	34	7	1
63-7620	Hose - Fuel	23	18	1	76-1420	Wheel - Steering	9	10	1
63-8140	Pulley - Idler	23	3	1	76-2200	Footrest - Traction	2	12	1
63-8410	Washer - Flat	11	10	3	76-2260	Pad - Footrest	2	11	1
63-8410	Washer - Flat	36	17	3	76-2260	Pad - Footrest	6	16	1
65-4500	Seal - Snap Ring	18	14	1	76-2320	Shaft	31	4	1
65-4550	Valve - Check Ball	18	6	2	76-2330	Nut - Lock	31	5	1
65-4560	Plug - Hex (Hollow)	18	3	1	76-2350	Seal/Retainer Assembly	18	*	1
65-4570	Seal - Square Ring	18	4	2	76-2360	Body Seal Kit	18	*	1
65-4580	Screw - Cap Hex Hd.	18	1	8	76-2430	Scraper - Pulley	32	2	2
65-4590	Ring - Snap	18	21	1	76-2460	Bearing Assembly	26	7	2
65-4600	Washer - Thrust	18	19	2	76-6471	Trim - Control Panel Bottom	3	41	1
65-4610	Bearing - Thrust	18	20	1	77-3100	Decal - Warning	10	4	1
65-4620	Seal - O-Ring	18	12	1	80-4090	Hose - Hydraulic	20	5	2
65-4670	Body & Bearing Assembly	18	9	1	80-4090	Hose - Hydraulic	35	14	2
65-4680	Cover & Bearing Assembly	18	2	1	80-6980	Latch - Hood	7	12	1
65-8270	Washer	23	57	1	80-6990	Washer	30	18	5
65-8320	Bar - Height-Of-Cut	37	1	1	80-7345	Hose	7	29	1
66-2920	Spacer	15	36	1	81-1690	Clamp - Throttle Cable	23	21	1
66-3240	Cap - Radiator	10	9	1	82-3110	Sensor - Temp.	23	16	1
66-5291	Hydraulic Motor Assembly	35	24	1	83-7260	Cone - Relief Valve	13	18	2
66-5291	Hydraulic Motor Assembly	16	30	2	83-7270	Fork - Caster	35	10	1
66-6110	IGR Assembly	18	5	1	83-7550	Radiator Assembly	10	35	1
67-0870	Bolt - Shoulder	2	6	1	83-7590	Pulley - Engine	23	55	1
67-5360	Decal - Danger	4	57	1	83-7610	Hub - Fan	23	44	1
67-8020	Shaft - Pump	13	6	1	83-7630	Pulley - Fan	23	43	1
67-8030	Plug Assembly	13	19	2	83-7690	Bracket - Idler	23	5	1
67-8040	O-Ring	13	20	2	83-7700	Bracket - Alternator	23	34	1
67-8050	Bearing - Needle	13	22	1	83-7720	Reservoir - Hydraulic	11	1	1
67-8060	Seal - Lip	13	23	1	83-7780	Bracket - Support	11	24	1
68-8990	Head - Oil Filter	11	19	1	83-7790	Collar	26	11	2
69-1170	Glass - Sight	11	2	1	83-7800	Sleeve	26	40	1
69-9760	Plate - Cover	35	4	1	83-7810	Spacer	26	35	2
70-1480	Relay	7	33	1	83-7820	Shaft - Drive	26	2	1
70-1480	Relay	3	39	1	83-7830	Retainer - Clutch	26	15	1
70-8150	Plate - Valve	18	7	1	83-7850	Shroud - Fan Bottom	10	32	1
70-9840	Shoe - Brake	16	16	4	83-7900	Belt Tensioner Assembly	33	11	2
70-9850	Clip - Retaining	16	35	2	83-7900	Belt Tensioner Assembly	32	20	2
70-9860	Pin - Pivot Brake	16	25	2	83-7910	Rod	34	8	1
70-9870	Plate - Brake	16	27	2	83-7930	Yoke	34	3	1
70-9880	Spring - Extension	16	17	4	83-7970	Fitting - Hydraulic Bulkhead	10	39	2
71-0710	Hydraulic Tube Assembly	20	3	1	83-7980	Bracket - Radiator Rear	10	12	1
71-0840	Hydraulic Tube Assembly	20	6	1	83-8040	Cover - Left	10	8	1
71-1370	Spring - Compression	30	35	1	83-8070	Bracket - Radiator Bottom	10	18	1
71-1380	Pin - Spring	30	34	1	83-8080	Key - Square	26	38	1
71-1500	Brake Assembly	17	*	2	83-8110	Panel - Left	3	45	1
71-2960	Valve - Flow Control	19	13	1	83-8120	Panel - Right Rear	3	4	1
71-3382	Hose - Overflow	10	11	1	83-8150	Screen - Radiator	10	17	1
72-4190	Pin - Cylinder Guide	30	12	1	83-8190	Panel - Control	3	5	1
72-4320	Switch - Seat	3	25	1	83-8210	Panel - Front Left	10	22	1
74-0720	Tube - Manual	3	14	1	83-8220	Bracket - Muffler	25	11	1
74-6110	Cam - Stop	15	35	1	83-8230	Panel - Right Front	3	2	1
74-9100	Pad - Forward	15	11	1	83-8270	Pedal - Traction	15	12	1
74-9110	Pad - Reverse	15	13	1	83-8320	Mount - Pump	12	11	1
75-0540	Tether & Retainer Assembly	11	4	1	83-8400	Pulley - Idler	26	20	1
75-2160	Bushing - Flange	9	2	2	83-8470	Bracket - Engine Mount	23	56	2
75-4703	Hose - Fuel	36	15	1	83-8510	Bracket - Fender L.H.	1	16	1
75-4703	Hose - Fuel	23	25	1	83-8550	Hose - Air Cleaner	3	49	1
75-6820	Hourmeter	7	3	1	83-8550	Hose - Air Intake	23	13	1
75-7730	Spacer	35	2	1	83-8590	Cable - Lift	30	19	1
76-0020	Hydraulic Cylinder Assembly	30	37	1	83-8620	Bracket - Idler	26	18	1
76-0030	Repair Kit	31	*	1	83-8630	Yoke - Belt Tension	26	22	1
76-0040	Piston	31	8	1	83-8720	Tank - Fuel	36	13	1
76-0050	Ring - Retaining	31	12	1	83-8760	Rod - Control	15	20	1
76-0090	Head	31	3	1	83-8770	Lever - Pump	15	23	1
76-0300	Housing - Bushing	34	12	1	83-8850	Grille - Front	1	25	1
76-0350	Housing - Bushing	34	2	1	83-8860	Shield - Grass Front R.H.	1	23	1
76-0360	Cup - Retainer	34	6	1	83-8890	Decal - Reelmaster 216-D	3	19	2
76-0370	Bolt - Shoulder	33	12	2	83-8900	Decal - Service Information	3	50	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
83-9000	Battery	36	6	1	84-8440	Bushing - Flange	30	11	2
83-9020	Belt - V	23	38	1	85-4870	Support - Hinge	1	20	1
83-9030	Foam - Top	10	36	1	85-4890	Hinge - Hood	1	24	1
83-9050	Hose - Radiator	10	34	1	85-4910	Air Cleaner (Complete)	5	* 1	
83-9060	Hose - Radiator	10	28	1	85-4910	Air Cleaner Assembly	3	47	1
83-9070	Hose - Coolant	23	11	1	85-4990	Hose - Hydraulic	28	13	1
83-9070	Hose - Radiator	10	31	1	85-4990	Hose - Hydraulic	28	20	1
83-9080	Connector - Bleed	10	30	1	85-4990	Hose - Hydraulic	19	26	1
83-9130	Keeper - Cable	30	27	1	85-4990	Hose - Hydraulic	30	41	1
83-9140	Clutch Assembly	26	39	1	85-5000	Plate - Throttle	7	34	1
83-9150	Decal - Starting Fluid	3	10	1	85-5010	Bracket - Right Front	4	54	1
83-9170	Right Channel Assembly	3	44	1	85-5140	Foam - Hood	4	56	2
83-9210	Cable - Battery Neg.	36	8	1	85-5160	Lever - Lift Valve	28	2	1
83-9210	Cable - Ground	23	31	1	85-5170	Sleeve	10	41	1
83-9220	Cable - Battery Pos.	36	7	1	85-5180	Trim	4	51	2
83-9220	Cable - Battery Pos.	24	66	1	85-5190	Hose - Hydraulic	35	36	1
83-9240	Hold-Down - Battery	36	21	1	85-5200	Clamp	35	34	1
83-9250	Lever - Brake	16	36	2	85-5230	Bracket - Seat Pivot	4	62	2
83-9270	Pivot - Brake L.H.	16	40	1	85-5270	Key - Starter	7	18	2
83-9310	Pivot - Brake R.H.	16	*	1	85-5300	Hose - Hydraulic	19	25	1
83-9330	Shaft - Brake	16	41	1	85-5330	Plate - Seat Mounting	4	64	1
83-9340	Shield - Grass	16	13	2	85-5340	Tube - Seat Pivot	3	7	2
83-9350	Rod - Parking Brake	16	1	1	85-6540	Stud - Drive	16	26	8
83-9440	Hydraulic Tube Assembly	19	2	1	87-6270	Socket - Warning Light	7	5	1
83-9450	Tube - Hydraulic	19	19	1	88-6720	Bracket - Radiator Front	10	33	1
83-9460	Tube - Hydraulic	19	4	1	88-6730	Bracket - Screen Front	10	44	1
83-9460	Tube - Hydraulic	20	13	1	88-8220	Valve - By-Pass	13	4	1
83-9470	Hydraulic Tube Assembly	19	1	1	92-1157	Shaft	18	10	1
83-9480	Tube - Hydraulic	19	18	1	92-1177	Hose - Hydraulic	28	8	1
83-9490	Tube - Hydraulic	19	15	1	92-1177	Hose - Hydraulic	10	27	1
83-9500	Tube - Hydraulic	19	9	1	92-1177	Hose - Hydraulic	24	67	1
83-9500	Tube - Hydraulic	20	12	1	92-1178	Hose - Hydraulic	12	9	1
83-9550	Decal - Warning	3	11	1	92-1178	Hose - Hydraulic	11	27	1
83-9600	Hose - Hydraulic	12	7	2	92-1583	Hose - Hydraulic	10	24	1
83-9600	Hose - Hydraulic	19	21	2	92-1583	Hose - Hydraulic	12	28	1
83-9620	Hose - Hydraulic	28	12	1	92-1812	Shaft - Lift Pivot	32	28	2
83-9620	Hose - Hydraulic	30	42	1	92-1812	Shaft - Lift Pivot	33	31	1
83-9640	Hose - Hydraulic	28	14	1	92-1815	Rod - Pivot	32	16	2
83-9640	Hose - Hydraulic	12	27	1	92-1815	Rod - Pivot	33	26	1
83-9650	Hose - Hydraulic	12	1	1	92-1818	Arm - Tension	33	7	1
83-9650	Hose - Hydraulic	11	21	1	92-1818	Arm - Tension	32	32	2
83-9651	Hose - Hydraulic	11	14	1	92-1822	Shackle	32	24	2
83-9680	Screw - Cap Hex. Hd.	26	27	1	92-1822	Shackle	33	34	1
83-9690	Spring - Compression	26	26	1	92-2368	Knob - Clamp	10	46	2
83-9700	Fender - L.H.	1	9	1	92-2373	Frame	9	19	1
83-9710	Footrest - L.H.	1	7	1	92-3153	Cable - Throttle	24	64	1
83-9720	Fender - RH	2	17	1	92-3153	Throttle Assembly	7	30	1
83-9730	Step - Foot	3	36	1	92-3154	Tab - Throttle	24	62	1
83-9740	Footrest - RH	2	15	1	92-3162	Bushing - Flange	9	4	4
83-9760	Bracket - Cylinder Support	30	1	1	92-3165	Steering Shaft & Gear	9	5	1
83-9800	Shield - Grass Front L.H.	1	14	1	92-3172	Gear - Steering	9	16	1
83-9810	Bushing - Flange	26	24	1	92-3179	Decal - Control	20	10	1
83-9840	Pad - Footrest L.H.	1	5	1	92-3181	Spacer - Fan	23	42	1
83-9880	Bracket - Fan Spindle	23	47	1	92-3185	Support - Bearing	26	6	2
83-9920	Bracket - Reservoir	11	13	1	92-3186	Belt - Pump Drive	12	21	1
83-9970	Latch - Hood	1	3	1	92-3187	Belt - Drive (Set of 3)	26	37	1
84-1650	Decal - Brake	1	12	1	92-3194	Switch Assembly	7	24	1
84-1990	Rod - Adjusting	16	32	2	92-3195	Knob	7	23	1
84-2000	Bracket - Brake	16	29	2	92-3196	2 Position Valve Assembly	20	2	1
84-7120	Decal - Service (Danish)	4	50	1	92-3198	Pulley - Engine	23	48	1
84-7130	Decal - Service (Dutch)	4	50	1	92-3199	Pulley - Clutch	26	36	1
84-7140	Decal - Service (Finnish)	4	50	1	92-7904	Cap - Valve	21	1	1
84-7150	Decal - Service (French)	4	50	1	92-7905	Switch Assembly	30	3	1
84-7160	Decal - Service (German)	4	50	1	92-7905	Switch Assembly	15	28	1
84-7170	Decal - Service (Italian)	4	50	1	92-7906	Switch	30	21	1
84-7180	Decal - Service (Japanese)	4	50	1	92-7906	Switch	15	37	1
84-7190	Decal - Service (Norwegian)	4	50	1	92-7907	Plug Assembly	21	2	1
84-7200	Decal - Service (Spanish)	4	50	1	92-7908	Washer - Valve	21	4	1
84-7210	Decal - Service (Swedish)	4	50	1	92-7909	Stop - Valve	21	13	1
84-7770	Field & Rotor Assembly	27	1	1	92-7911	Boot	21	10	1
84-7780	Armature Assembly	27	2	1	92-7912	Retainer - Boot	21	14	1

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
92-7913	Seal Repair Kit	21	*	1	237-30	Seal - O-Ring	12	6	5
92-7917	Clevis	12	25	1	237-30	Seal - O-Ring	16	7	2
92-7918	Bracket - Lever	2	20	1	237-30	Seal - O-Ring	20	7	4
92-7921	Rod - Link	2	2	1	237-30	Seal - O-Ring	19	10	7
92-7922	Plate - Pump Pivot	12	33	1	237-30	Seal - O-Ring	3	26	1
92-7923	Lever - Pump Clutch	2	8	1	237-30	Seal - O-Ring	10	38	2
92-7924	Retainer - Belt	12	13	1	237-37	Bumper - Rubber	3	6	2
92-7940	Housing - Charge Pump	13	21	1	237-42	Seal - O-Ring	29	2	2
92-7948	Decal - Service Assistance	4	66	1	237-42	Seal - O-Ring	28	5	1
92-8776	Plug Assembly	14	52	2	237-42	Seal - O-Ring	19	12	2
92-8777	Seal - O-Ring	13	51	2	237-42	Seal - O-Ring	12	30	2
92-9023	Hydraulic Pump Assembly	13	8	1	237-42	Seal - O-Ring	30	38	2
92-9023	Hydraulic Pump Assembly	12	31	1	237-65	Seal - O-Ring	16	44	2
92-9775	Warning Light Assembly	7	7	1	237-71	Seal - O-Ring	3	42	1
92-9776	Muffler	25	12	1	237-78	Seal - O-Ring	28	10	2
92-9796	Block - Support	25	15	1	237-78	Seal - O-Ring	19	24	2
92-9797	Spring - Extension	25	4	2	237-78	Seal - O-Ring	35	38	1
92-9798	Bolt - U	25	1	1	237-78	Seal - O-Ring	17	46	2
92-9799	Tube - Muffler	25	3	1	237-79	Seal - O-Ring	12	4	4
93-0100	Bracket - Exhaust Support	2	23	1	237-79	Seal - O-Ring	20	9	3
93-0151	Bracket - Tube Support	25	13	1	237-79	Seal - O-Ring	11	18	1
93-0152	Guard - Exhaust Pipe	25	2	1	237-80	Seal - O-Ring	16	9	4
93-0153	Bolt - U	32	3	1	237-80	Seal - O-Ring	35	11	2
93-0160	Guard - Pulley	32	4	1	237-81	Seal - O-Ring	11	3	4
93-0166	Tire	35	17	1	237-86	O-Ring	13	15	4
93-3102	Cap - Fuel Tank	36	12	1	237-95	O-Ring	13	27	1
93-4406	Harness - Wire	24	65	1	240-11	Grommet	11	9	3
93-4410	Fuse - 25 Amp. (Slo-Blo)	7	44	1	240-11	Grommet	36	16	3
93-4411	Temperature Gauge Assy.	7	17	1	240-13	Bumper	26	16	2
93-4412	Panel - Instrument	7	1	1	242-50	Nut - Lug	35	19	4
93-4413	Decal - Instrument Panel	7	2	1	242-50	Nut - Lug	16	22	8
93-6668	Decal - Battery (Europe)	36	24	1	242-76	Rim	35	18	1
93-6696	Decal - Warning (Europe)	32	10	2	2410-18	Plug	37	2	1
93-6696	Decal - Warning (Europe)	33	24	1	2411-52	End - Rod	15	17	1
93-7160	Cap - Hydraulic Reservoir	11	7	1	2411-53	End - Rod	15	22	1
93-7252	Decal - C.E. (Europe)	1	*	1	2412-34	Clamp - Hose	12	2	1
93-7267	Decal - Brake (Europe)	1	12	1	2412-34	Clamp - Hose	23	10	1
93-7270	Decal - Control (Europe)	20	10	1	2412-34	Clamp - Hose	10	29	5
93-7271	Decal - Warning (Europe)	3	11	1	2412-36	Clamp - Hose	36	10	2
93-7272	Decal - Warning (Europe)	10	4	1	2412-36	Clamp - Hose	11	26	1
93-7273	Decal - Warning (Europe)	4	57	1	2412-39	Clamp - R	19	7	1
93-7275	Decal - Starting Fluid	3	10	1	2412-39	Clamp - R	3	17	3
93-7276	Decal - Danger (Europe)	36	22	1	2412-39	Clamp - R	23	35	2
93-7279	Decal - Service (Portuguese)	4	50	1	2412-41	Clamp - R	10	15	1
93-7717	Guard - Engine Fan	6	8	1	2412-74	Clamp - R	10	3	1
93-7718	Bracket - Top, Fan Guard	6	9	1	2412-92	Clamp - Hose	23	12	1
93-7719	Bracket - Front, Fan Guard	6	11	1	2412-92	Clamp - Hose	3	48	1
93-7724	Shield - Footrest, RH	6	13	1	2412-93	Clamp - R	23	15	1
93-7726	Hook	6	4	1	2412-108	Clamp - Hose	36	4	4
93-7840	Decal - Radiator Cap	10	48	1	2412-108	Clamp - Hose	10	10	1
217-60	Rim	16	21	2	2412-108	Clamp - Hose	23	17	2
218-461	Nut - Hex.	3	33	2	2412-112	Clamp - R	33	21	1
218-469	Fuse - 15 Amp.	7	10	2	2412-133	Clamp - R	3	16	2
218-489	Fuse Holder Assembly	7	9	3	251-8	Bearing - Ball	13	35	1
218-562	Lens - Light	7	43	1	251-77	Collar - Locking	26	9	2
219-17	Bulb - Light	7	6	4	251-259	Bearing - Ball	15	31	1
219-18	Bulb - Light	7	42	1	251-337	Bearing - Ball	26	8	2
231-127	Tire	16	20	2	252-82	Bearing - Needle	13	9	2
232-27	Valve - Stem	16	24	2	256-1	Bushing - Sleeve	30	23	3
232-47	Valve - Stem	35	20	1	256-2	Bushing - Sleeve	30	44	1
233-37	Knob	28	1	1	256-27	Bushing - Sleeve	9	6	2
233-46	Knob	21	11	1	256-115	Washer - Thrust	32	13	2
237-7	Seal - O-Ring	3	31	1	256-115	Washer - Thrust	33	25	1
237-21	Seal - O-Ring	28	18	2	256-173	Bushing - Sleeve	34	11	1
237-21	Seal - O-Ring	17	47	3	256-245	Bushing - Flange	9	18	2
237-22	O-Ring	13	2	1	256-247	Bushing - Flange	9	1	2
237-22	Seal - O-Ring	21	3	1	256-320	Bushing	1	21	2
237-22	Seal - O-Ring	20	4	2	256-321	Bushing - Sleeve	4	59	4
237-22	Seal - O-Ring	28	7	4	2710-16	Connecting Link Assembly	28	3	1
237-22	Seal - O-Ring	35	13	3	281-1	Plug - Pipe	10	37	2
237-22	Seal - O-Ring	30	40	2	281-7	Plug - Pipe	10	1	1

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282-2	Clevis	16 34 2	3219-14	Nut - Hex.	37 3 1
282-4	Clevis	33 5 1	3219-14	Nut - Hex.	7 14 6
282-4	Clevis	30 31 4	3220-2	Nut - Jam	2 3 1
283-1	Pin - Clevis	2 5 1	3220-2	Nut - Jam	15 19 2
283-1	Pin - Clevis	33 20 1	3220-2	Nut - Jam	16 33 2
283-1	Pin - Clevis	16 37 2	3220-3	Nut - Jam	9 12 2
283-2	Pin - Clevis	12 26 1	3220-3	Nut - Jam	35 27 2
283-6	Pin - Clevis	33 6 1	3220-5	Nut - Jam	9 14 1
283-6	Pin - Clevis	30 14 4	3220-12	Nut - Jam	35 29 1
283-40	Pin - Clevis	33 14 2	3220-20	Nut - Jam	15 21 1
283-40	Pin - Clevis	32 35 1	3229-1	Bolt - Carriage	32 1 2
283-42	Pin - Clevis	30 9 1	3229-1	Screw - Carriage	2 10 2
283-55	Pin - Clevis	34 5 1	3229-22	Bolt - Carriage	4 63 2
283-62	Pin - Clevis	23 19 1	3230-1	Screw - Carriage	36 19 2
283-75	Pin - Clevis	32 25 4	3230-1	Screw - Carriage	23 33 1
283-75	Pin - Clevis	33 32 2	3230-2	Bolt - Carriage	4 65 2
283-78	Pin - Clevis	30 36 1	3230-22	Screw - Carriage	23 6 1
285-17	Plug - Pipe	13 1 6	3230-23	Screw - Carriage	1 10 6
302-5	Fitting - Grease	35 3 1	3230-23	Screw - Carriage	11 23 6
302-5	Fitting - Grease	9 3 4	3230-27	Screw - Carriage	2 13 1
302-5	Fitting - Grease	34 14 1	3231-22	Bolt - Carriage	10 23 2
302-5	Fitting - Grease	26 33 2	3231-26	Screw - Carriage	23 7 1
302-60	Fitting - Grease	32 17 2	3231-31	Bolt - Carriage	26 21 1
302-60	Fitting - Grease	33 30 1	3234-4	Screw - Cap Hex. Hd.	10 7 2
321-4	Screw - Cap Hex. Hd.	4 67 3	3234-4	Screw - Hex. Flange Hd.	3 13 3
321-5	Screw - Cap Hex. Hd.	16 15 8	3234-4	Screw - Hex. Flange Hd.	26 29 2
321-6	Screw - Cap Hex. Hd.	15 10 2	3234-4	Screw - Hex. Washer Hd.	7 8 3
321-8	Screw - Cap Hex. Hd.	4 52 2	3234-4	Screw - Hex. Washer Hd.	11 22 2
321-9	Screw - Cap Hex. Hd.	35 32 1	3234-5	Screw - Hex. Flange Hd.	3 1 24
321-11	Screw - Cap Hex. Hd.	4 61 2	3234-5	Screw - Hex. Washer Hd.	16 4 2
321-12	Screw - Cap Hex. Hd.	36 2 1	3234-5	Screw - Hex. Washer Hd.	1 6 12
321-13	Screw - Cap Hex. Hd.	12 18 3	3234-5	Screw - Hex. Washer Hd.	10 19 2
321-23	Screw - Cap Hex. Hd.	28 16 2	3234-5	Screw - Hex. Washer Hd.	23 32 1
321-23	Screw - Cap Hex. Hd.	23 40 4	3234-11	Screw - Hex. Flange Hd.	3 40 4
321-43	Screw - Hex. Flange Hd.	30 10 1	3234-11	Screw - Hex. Washer Hd.	30 29 1
322-4	Screw - Cap Hex. Hd.	32 11 2	3234-17	Screw - Hex. Flange Hd.	6 7 2
322-4	Screw - Cap Hex. Hd.	33 23 1	3234-17	Screw - Hex. Flange Hd.	2 22 2
322-4	Screw - Cap Hex. Hd.	13 24 4	3234-17	Screw - Hex. Washer Hd.	10 21 4
322-7	Screw - Cap Hex. Hd.	23 37 2	3234-24	Screw - Cap Hex. Hd.	6 12 1
322-9	Screw - Cap Hex. Hd.	35 9 1	3234-24	Screw - Hex. Flange Hd.	23 26 3
322-9	Screw - Cap Hex. Hd.	15 18 2	3234-25	Screw - Hex. Washer Hd.	30 17 6
322-10	Screw - Cap Hex. Hd.	19 8 2	3234-28	Screw - Hex. Flange Hd.	20 1 2
322-12	Screw - Cap Hex. Hd.	9 11 1	3234-28	Screw - Hex. Flange Hd.	25 10 1
322-17	Screw - Cap Hex. Hd.	16 2 1	3234-28	Screw - Hex. Washer Hd.	10 13 8
322-17	Screw - Cap Hex. Hd.	15 8 1	3234-32	Screw - Cap Hex. Hd.	26 5 4
322-17	Screw - Cap Hex. Hd.	26 31 9	3234-32	Screw - Cap Hex. Hd.	33 28 1
322-26	Screw - Cap Hex. Hd.	33 36 1	3234-32	Screw - Hex. Flange Hd.	32 14 2
323-5	Screw - Cap Hex. Hd.	11 11 3	3234-36	Screw - Hex. Flange Hd.	2 18 1
323-5	Screw - Cap Hex. Hd.	36 18 3	3242-4	Screw - Square Hd. Set	26 3 6
323-6	Screw - Cap Hex. Hd.	10 47 4	3245-35	Screw - Set	26 10 4
323-7	Screw - Cap Hex. Hd.	33 8 1	3249-3	Screw - Round Hd.	30 6 2
323-7	Screw - Cap Hex. Hd.	32 31 2	3249-3	Screw - Round Hd.	15 27 2
323-11	Screw - Cap Hex. Hd.	13 46 4	3250-32	Screw - Phillips Pan Hd.	6 15 1
323-13	Screw - Cap Hex. Hd.	30 46 1	3253-2	Washer - Lock	7 15 5
323-15	Screw - Cap Hex. Hd.	26 19 1	3253-3	Washer - Lock	12 19 3
323-23	Screw - Cap Hex. Hd.	30 20 2	3253-3	Washer - Lock	24 68 4
325-8	Screw - Cap Hex. Hd.	12 38 1	3253-4	Washer - Lock	32 12 2
325-9	Screw - Cap Hex. Hd.	12 15 1	3253-4	Washer - Lock	1 18 4
325-9	Screw - Cap Hex. Hd.	32 18 1	3253-4	Washer - Lock	33 22 2
325-11	Screw - Cap Hex. Hd.	35 25 4	3253-5	Washer - Lock	21 12 1
325-11	Screw - Cap Hex. Hd.	16 28 8	3254-9	Washer - ITLW	15 2 2
325-18	Screw - Cap Hex. Hd.	12 36 1	3254-9	Washer - Lock Internal	30 5 2
327-65	Seal - O-Ring	19 3 3	3254-11	Washer - Lock ETLW	7 39 1
3210-7	Screw - Cap Hex. Hd.	15 30 1	3255-2	Washer - Lock	35 31 1
3212-34	Clamp - Hose	11 16 3	3255-2	Washer - Lock ETLW	12 12 1
3217-6	Nut - Hex.	1 17 4	3255-7	Washer - ETLW	15 26 3
3217-26	Nut - Hex.	7 38 1	3255-7	Washer - Lock ETLW	12 34 3
3217-29	Nut - Lock	15 3 2	3255-8	Washer - Lock ETLW	23 30 1
3218-6	Nut - Jam	34 9 1	3256-2	Washer - Flat	6 3 1
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3256-6	Washer - Flat	32	15	2	3296-29	Nut - Lock	19	14	2
3256-6	Washer - Flat	33	27	1	3296-29	Nut - Lock	15	32	3
3256-14	Washer - Flat	7	16	2	3296-29	Nut - Lock	26	32	6
3256-16	Washer - Flat	16	12	8	3296-29	Nut - Lock	10	42	2
3256-22	Washer - Flat	10	6	2	3296-39	Nut - Lock	33	15	1
3256-22	Washer - Flat	28	15	2	3296-39	Nut - Lock	26	17	2
3256-22	Washer - Flat	35	33	1	3296-39	Nut - Lock	28	17	1
3256-22	Washer - Flat	4	53	2	3296-39	Nut - Lock	30	26	3
3256-23	Washer	17	49	1	3296-39	Nut - Lock	32	33	2
3256-23	Washer - Flat	25	8	5	3296-42	Nut - Lock	3	8	2
3256-23	Washer - Flat	23	9	18	3296-42	Nut - Lock	16	11	8
3256-23	Washer - Flat	30	16	1	3296-42	Nut - Lock	6	14	1
3256-23	Washer - Flat	1	19	4	3296-42	Nut - Lock	35	35	1
3256-23	Washer - Flat	26	30	15	3296-42	Nut - Lock	10	40	2
3256-23	Washer - Flat	10	43	2	3296-45	Nut - Lock	32	29	1
3256-24	Washer	13	50	1	3296-56	Nut - Lock	30	48	1
3256-24	Washer - Flat	26	25	2	3296-56	Nut - Lock	4	68	3
3256-24	Washer - Flat	30	25	3	3296-59	Nut - Lock	33	9	2
3256-24	Washer - Flat	23	27	16	3296-59	Nut - Lock	2	21	1
3256-24	Washer - Flat	15	34	1	3296-59	Nut - Lock	32	21	2
3256-26	Washer - Flat	12	14	1	3296-59	Nut - Lock	15	33	1
3256-26	Washer - Flat	9	20	2	3298-8	Screw - Set	7	32	1
3256-45	Washer - Flat	33	10	4	32104-6	Screw - Cap Hex. Hd.	32	30	2
3256-45	Washer - Flat	32	22	4	32104-6	Screw - Cap Hex. Hd.	33	35	1
3256-53	Washer - Flat	30	4	2	32104-82	Screw - Hex. Washer Hd.	1	15	5
3256-53	Washer - Flat	15	38	2	32104-116	Screw - Hex. Washer Hd.	10	2	8
3256-54	Washer - Flat	34	4	1	32107-11	Nut - Square	5	4	2
3256-57	Washer - Flat	33	37	1	32120-10	Ring - Retaining	23	45	1
3256-67	Washer - Flat	25	6	4	32120-11	Ring - Retaining	13	36	1
3257-15	Key - Square	16	10	2	32120-15	Ring - Retaining	13	34	1
3257-15	Key - Square	18	11	1	32121-6	Pin - Roll	15	15	1
3257-15	Key - Woodruff	35	15	1	32121-6	Pin - Roll	3	21	1
3257-32	Key - Woodruff	13	7	1	32121-6	Pin - Roll	16	39	2
3257-32	Key - Woodruff	12	17	1	32121-9	Pin - Roll	34	13	1
3258-19	Screw - Round Hd.	5	2	2	32121-10	Pin - Roll	9	9	1
3272-4	Pin - Cotter	30	13	1	32121-23	Pin - Roll	34	1	1
3272-6	Pin - Cotter	2	1	2	32121-24	Pin - Roll	15	24	1
3272-6	Pin - Cotter	33	19	1	32121-34	Pin - Dowel	12	32	1
3272-6	Pin - Cotter	16	31	5	32121-38	Pin - Spring	21	15	1
3272-6	Pin - Cotter	12	37	1	32121-91	Pin - Coiled Spring	13	38	3
3272-6	Pin - Cotter	30	43	1	32122-2	Screw - Round Hd.	37	2	1
3272-10	Pin - Cotter	23	23	1	32122-35	Screw - Phillips Truss Hd.	6	2	1
3272-10	Pin - Cotter	32	26	4	32128-14	Nut - Flange Lock	1	4	2
3272-10	Pin - Cotter	33	33	2	32128-19	Nut - Flange Lock	32	5	2
3272-11	Pin - Cotter	33	4	1	32128-20	Nut - Flange Lock	3	46	4
3272-11	Pin - Cotter	30	32	5	32128-20	Nut - Jam	2	14	2
3272-13	Pin - Cotter	33	13	2	32128-20	Nut - Lock	17	48	2
3272-13	Pin - Cotter	32	34	1	32128-33	Nut - Flange Lock	3	9	2
3273-18	Screw - Hex. Socket Hd.	26	34	4	32128-33	Nut - Flange Lock	26	14	2
3274-90	Screw - Hex. Socket Hd.	7	13	2	32128-33	Nut - Flange Lock	2	19	2
3290-378	Tie - Cable	12	*	1	32128-33	Nut - Flange Lock	32	19	2
3290-378	Tie - Cable	15	*	1	32128-33	Nut - Flange Lock	7	31	3
3290-379	Tie - Cable	4	*	1	32128-33	Nut - Flange Lock	3	34	5
3290-379	Tie - Cable	35	7	1	32128-43	Nut - Flange Lock	23	1	5
3290-379	Tie - Cable	26	41	1	32128-43	Nut - Flange Lock	30	2	7
3290-379	Tie - Cable	23	59	4	32128-43	Nut - Flange Lock	10	16	6
3290-413	Washer - Belleville	2	7	1	32128-43	Nut - Flange Lock	26	23	2
3290-432	Screw - Hex. Hd.	23	20	1	32128-43	Nut - Flange Lock	3	37	4
3290-467	Pin - Cotter Hair	1	22	2	32128-44	Nut - Flange Lock	6	1	3
3296-4	Nut - Lock	30	15	1	32128-44	Nut - Flange Lock	23	4	5
3296-6	Nut - Lock	12	22	1	32128-44	Nut - Flange Lock	1	8	10
3296-16	Nut - Lock	15	4	2	32128-44	Nut - Flange Lock	2	16	3
3296-16	Nut - Lock	28	9	2	32128-44	Nut - Flange Lock	3	18	10
3296-16	Nut - Lock	25	14	2	32128-44	Nut - Flange Lock	36	20	3
3296-23	Nut - Lock	12	10	3	32128-44	Nut - Flange Lock	10	26	4
3296-23	Nut - Lock	35	23	4	32128-44	Nut - Hex. Flange Hd.	11	12	6
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32148-8	Insert - Threaded	10	14	3	340-102	Fitting - Hydraulic Tee	19	16	1
32148-8	Insert - Threaded	4	58	1	340-103	Fitting - Hydraulic 45°	17	45	1
32148-14	Insert - Threaded	24	63	1	340-103	Fitting - Hydraulic 90°	28	22	1
32149-9	Nut - Flange Lock	7	35	2	340-105	Fitting - Hydraulic 90°	16	8	2
32151-46	Ring - Retaining	13	13	2	340-109	Fitting - Hydraulic Tee	20	11	1
32153-3	Nut - Lock	10	45	2	340-110	Fitting - Hydraulic 90°	28	19	1
340-2	Fitting - Hydraulic Straight	30	47	1	340-127	Nut - Bulkhead	10	25	2
340-4	Fitting - Hydraulic Straight	12	8	1	340-140	Fitting - Hydraulic Tee	17	*	1
340-4	Fitting - Hydraulic Straight	20	14	1	340-141	Fitting - Hydraulic Straight	35	12	2
340-5	Fitting - Hydraulic Straight	19	11	2	353-987	Fitting - Hydraulic 90°	11	17	1
340-17	Fitting - Hydraulic 90°	16	43	2	354-23	Ball	21	5	1
340-19	Fitting - Hydraulic Tee	19	20	1	354-77	Fitting - Hydraulic Test Port	19	23	2
340-23	Fitting - Hydraulic Cross	28	21	1	354-79	Cap - Test Port	19	22	2
340-77	Fitting - Hydraulic 90°	28	6	1	354-120	Fitting - Hydraulic 90°	11	25	1
340-87	Fitting - Hydraulic 45°	30	39	1	354-127	Fitting - Hydraulic 45°	11	20	2
340-88	Fitting - Hydraulic Straight	35	37	1	354-128	Fitting - Hydraulic 90°	12	3	1
340-92	Fitting - Hydraulic Straight	28	11	1	365-6	Screw - Cap Hex. Hd.	35	1	1
340-98	Fitting - Hydraulic 90°	20	8	1					

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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