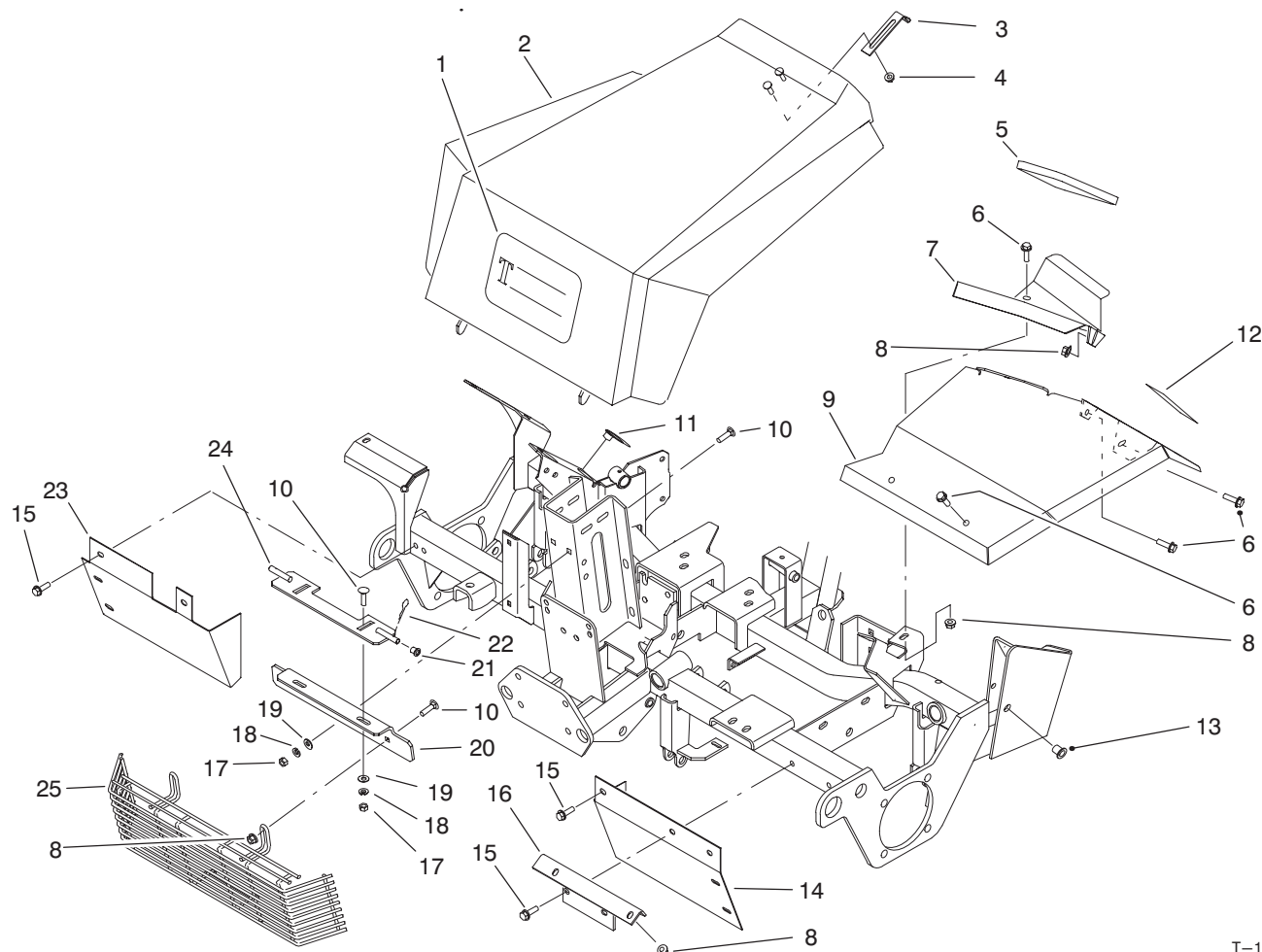




MODEL NO. 03425-60001 & UP

PARTS CATALOG

REELMASTER® 216-D 3wd TRACTION UNIT



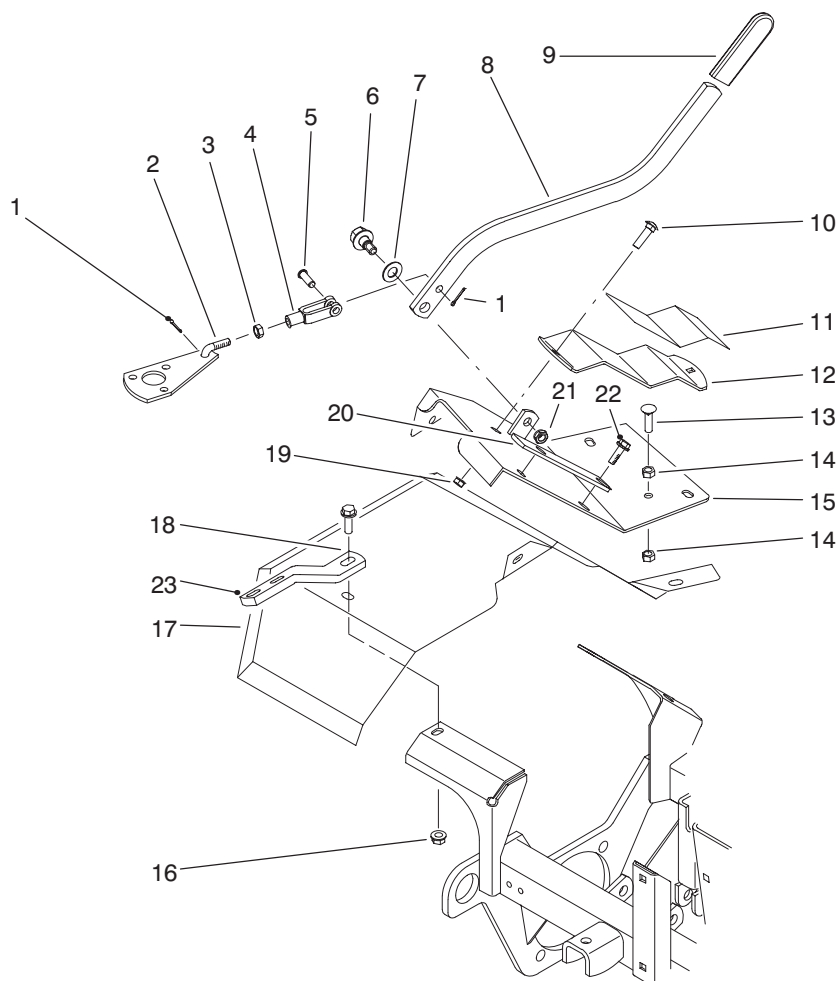
T-1347

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

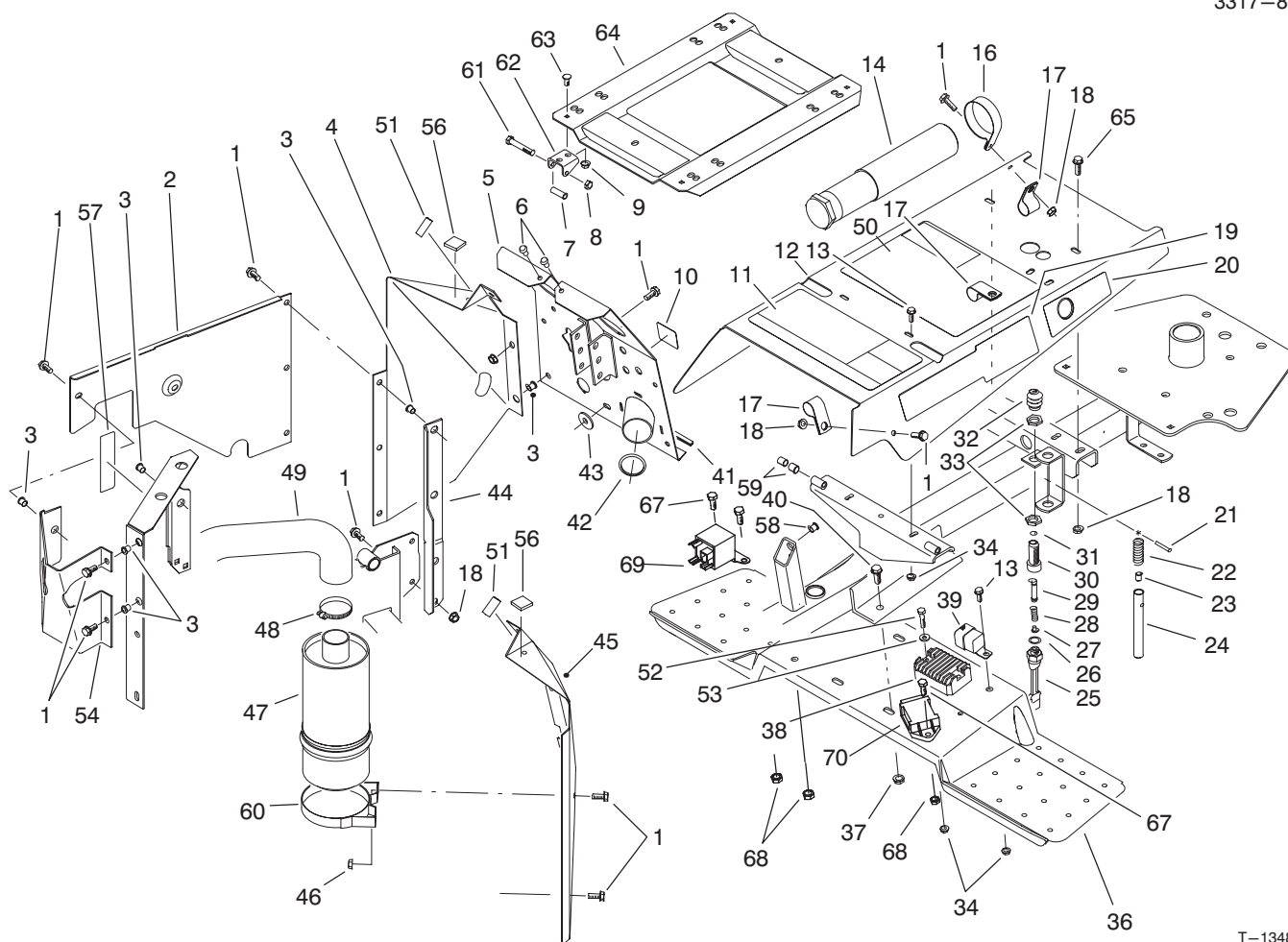


T-1816

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

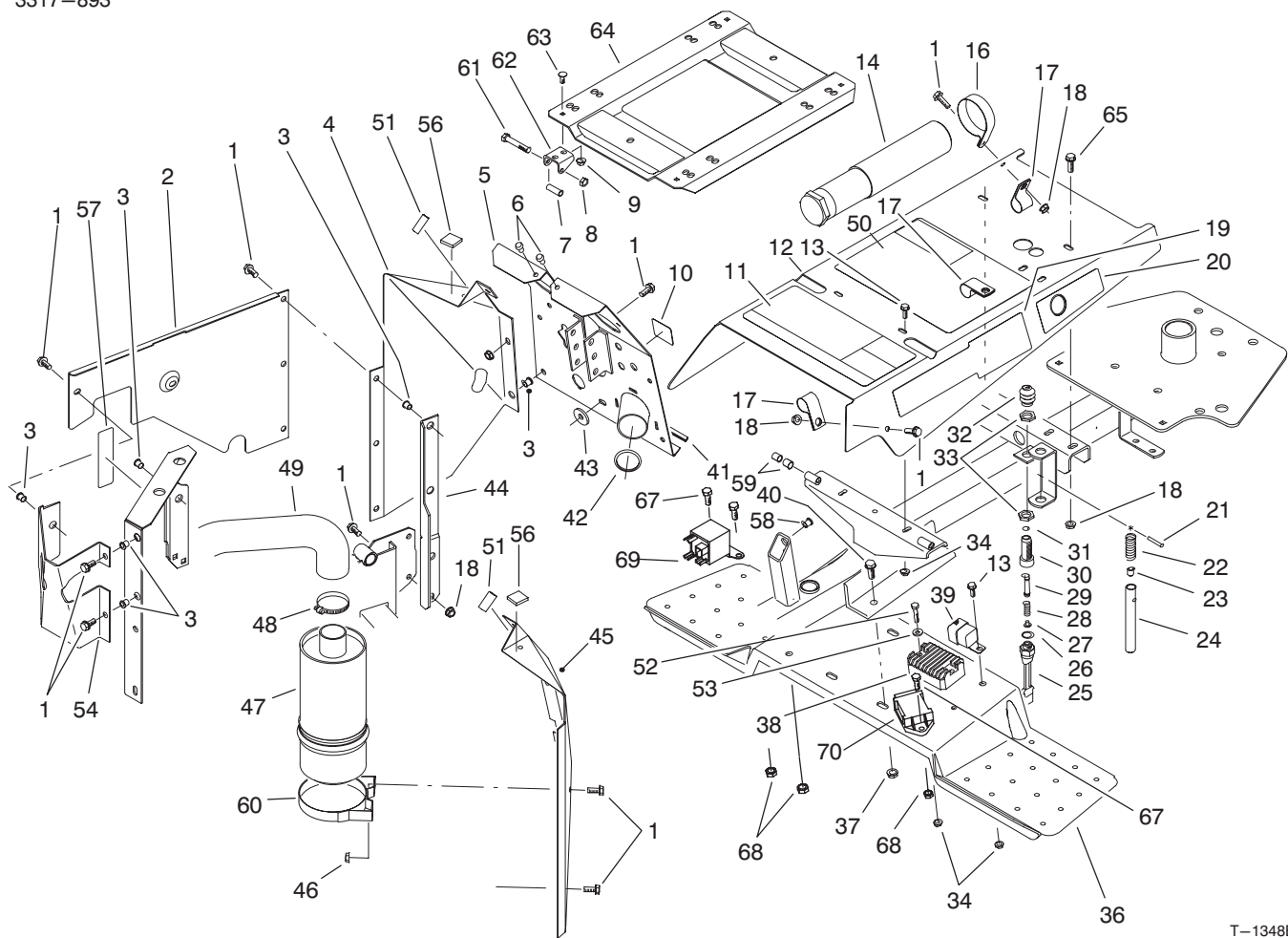


T-1348B

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	93-6888	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-1348B

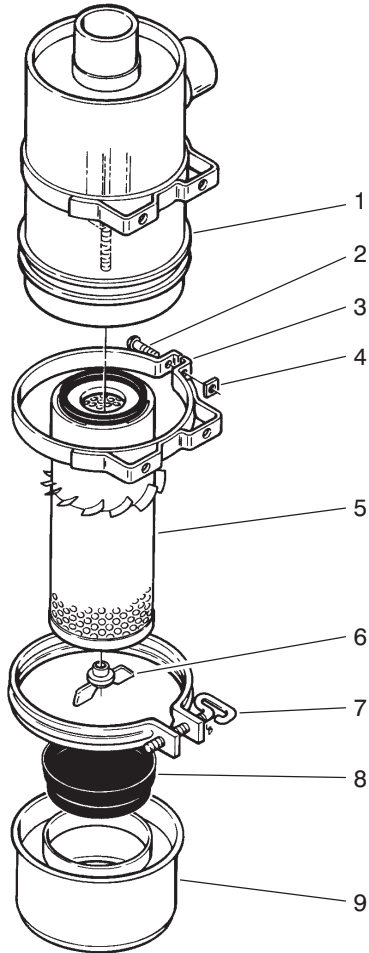
SKIRT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
50	84-7120	Decal – Service (Danish)	1	57	93-7273	Decal – Warning (Europe)	1
50	84-7130	Decal – Service (Dutch)	1	58	32148-8	Insert – Threaded	1
50	84-7140	Decal – Service (Finnish)	1	59	256-321	Bushing – Sleeve	4
50	84-7150	Decal – Service (French)	1	60	33-1350	Clamp Assembly	2
50	84-7160	Decal – Service (German)	1	61	321-11	Screw – Cap Hex. Hd.	2
50	84-7170	Decal – Service (Italian)	1	62	85-5230	Bracket – Seat Pivot	2
50	84-7190	Decal – Service (Norwegian)	1	63	3229-22	Bolt – Carriage	2
50	93-7279	Decal – Service (Portuguese)	1	64	85-5330	Plate – Seat Mounting	1
50	84-7200	Decal – Service (Spanish)	1	65	3230-2	Bolt – Carriage	2
50	84-7210	Decal – Service (Swedish)	1	67	321-4	Screw – Cap Hex. Hd.	3
†50	84-7180	Decal – Service (Japanese)	1	68	3296-56	Nut – Lock	3
51	85-5180	Trim	2	†69	385230120	Relay – Glow Plug	1
52	321-8	Screw – Cap Hex. Hd.	2	†70	385870612	Controller – Glow Plug	1
53	3256-22	Washer – Flat	2	*	3290-379	Tie – Cable	1
54	85-5010	Bracket – Right Front	1	*	43-9071	Seat Switch Assembly (Incl. Ref. #25-33)	1
56	85-5140	Foam – Hood	2				
57	67-5360	Decal – Danger	1				

*Not Illustrated

†Obtain from your Local Perkins Dealer

‡Not part of European parts kit. Order separately.

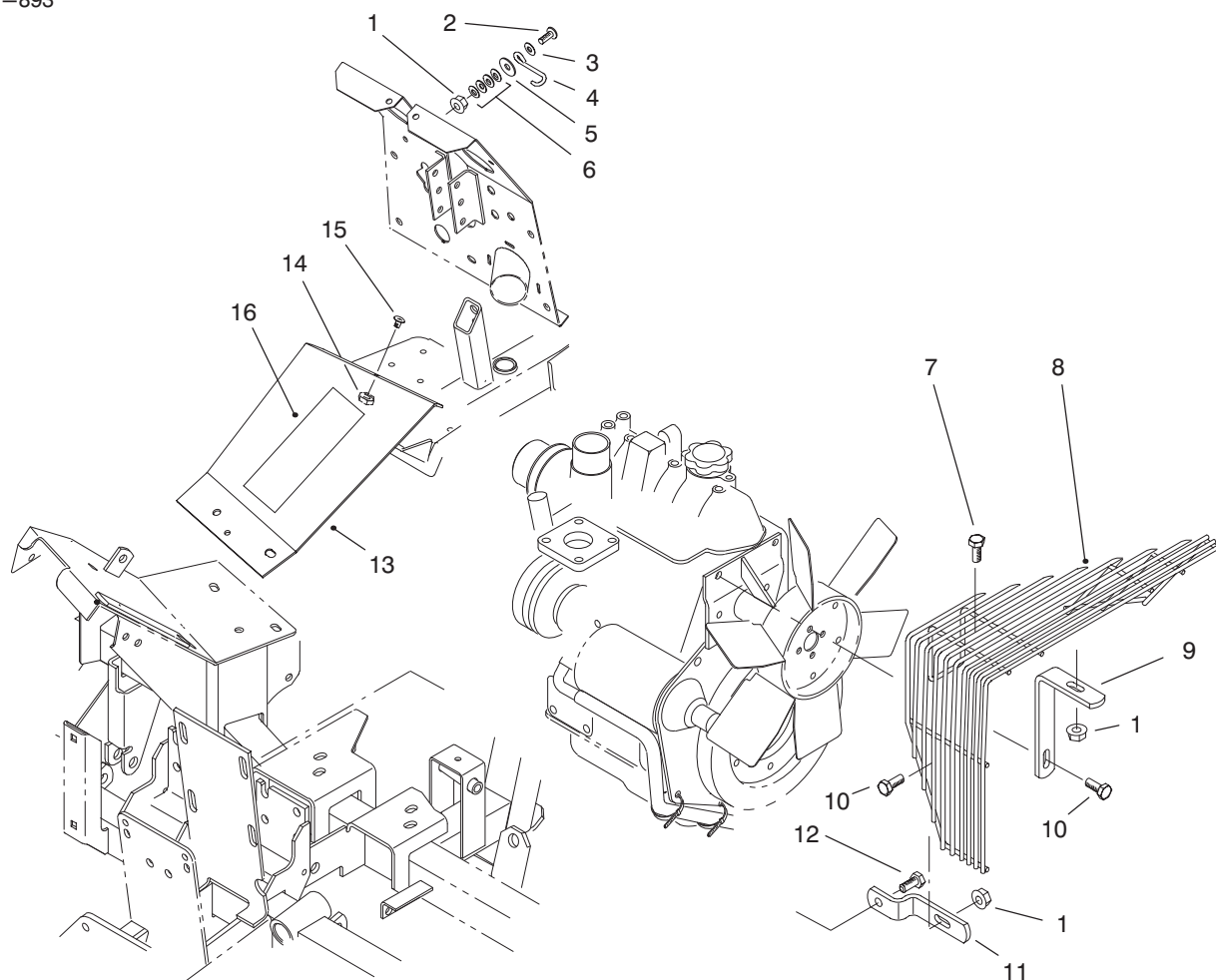


T-1349

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

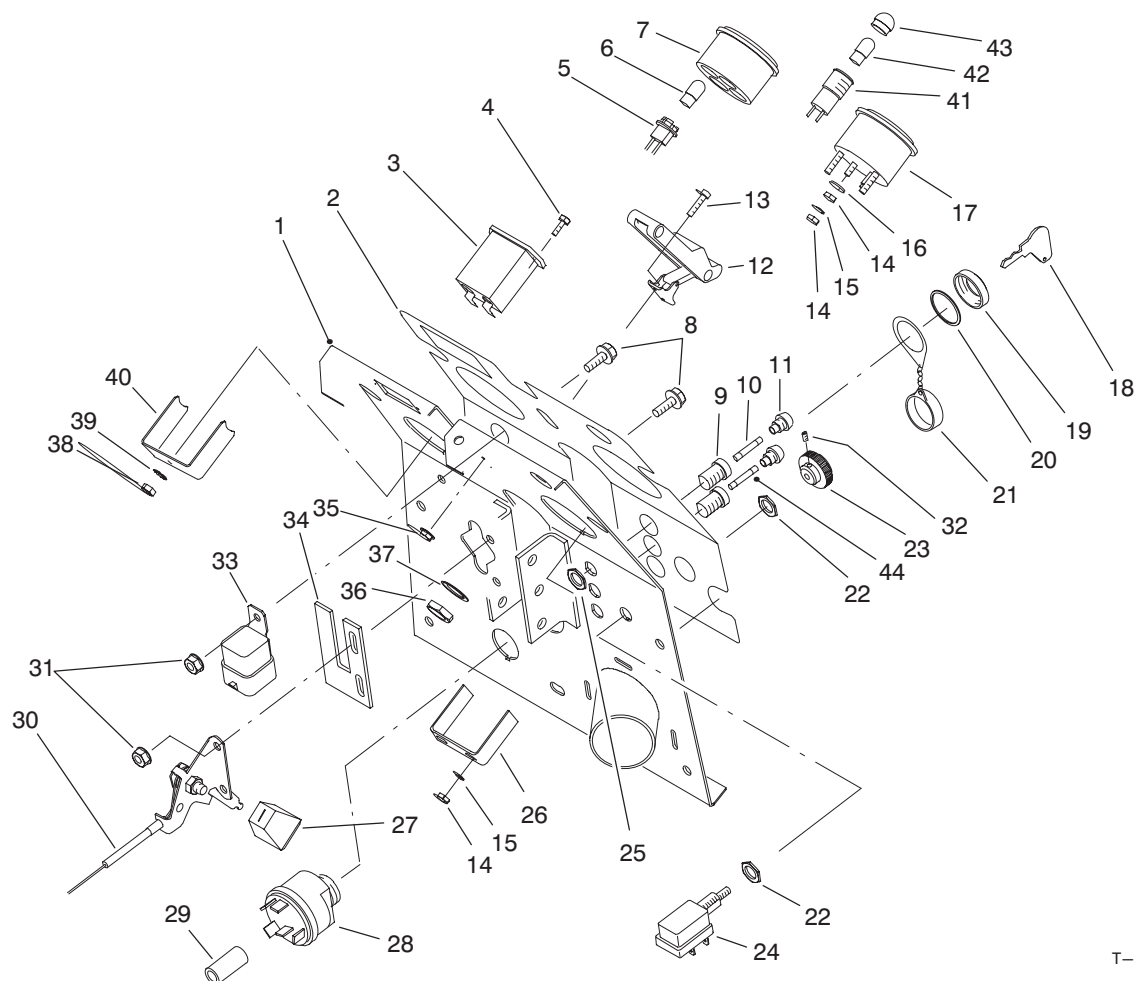


T-2022

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



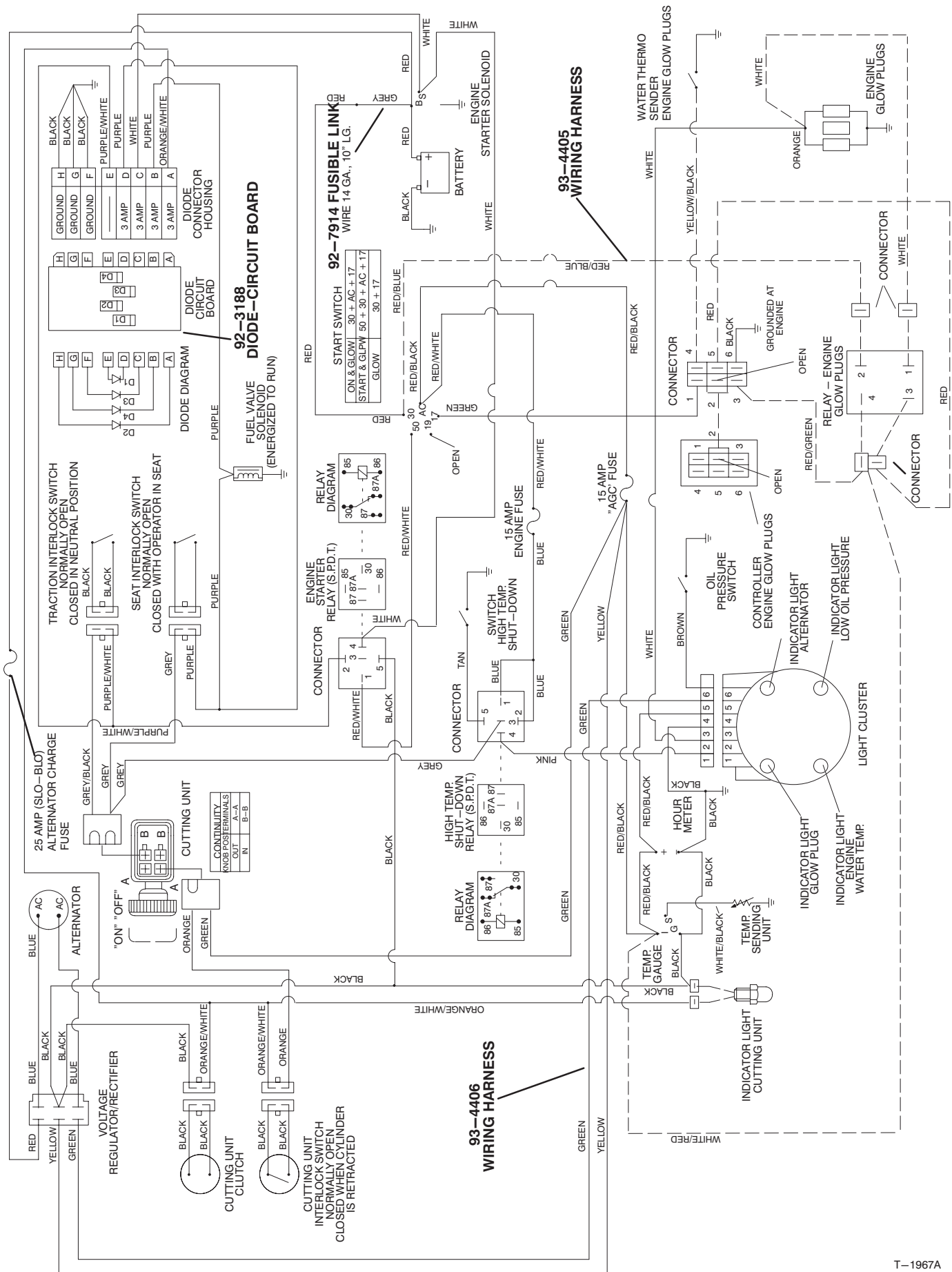
T-1350A

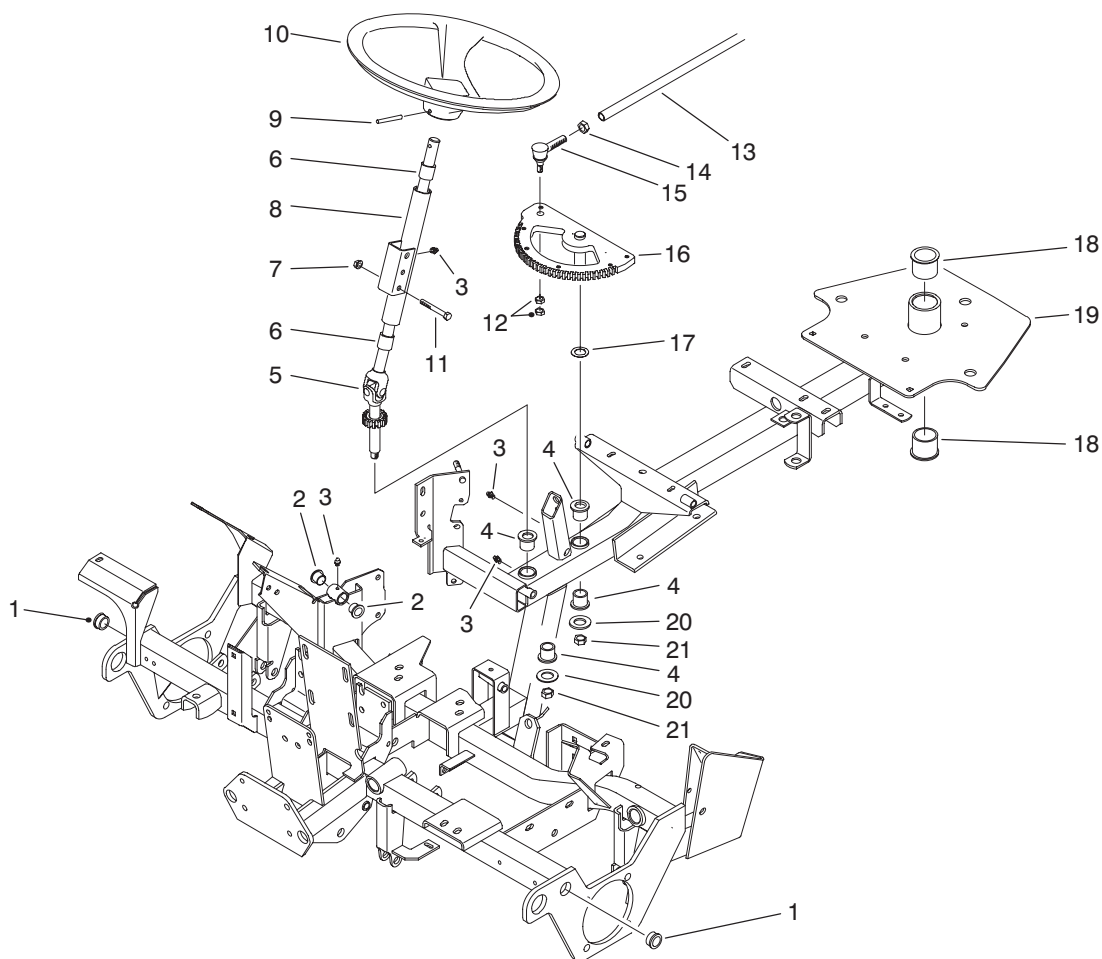
INSTRUMENT PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-4412	Panel - Instrument	1	23	92-3195	Knob	1
2	93-4413	Decal - Instrument Panel	1	24	92-3194	Switch Assembly (Incl. Ref. #22, 23 & 32)	1
2	93-7269	Decal - Instrument Panel (Europe)	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				

†Obtain from your local Perkins Dealer.

T-1967A

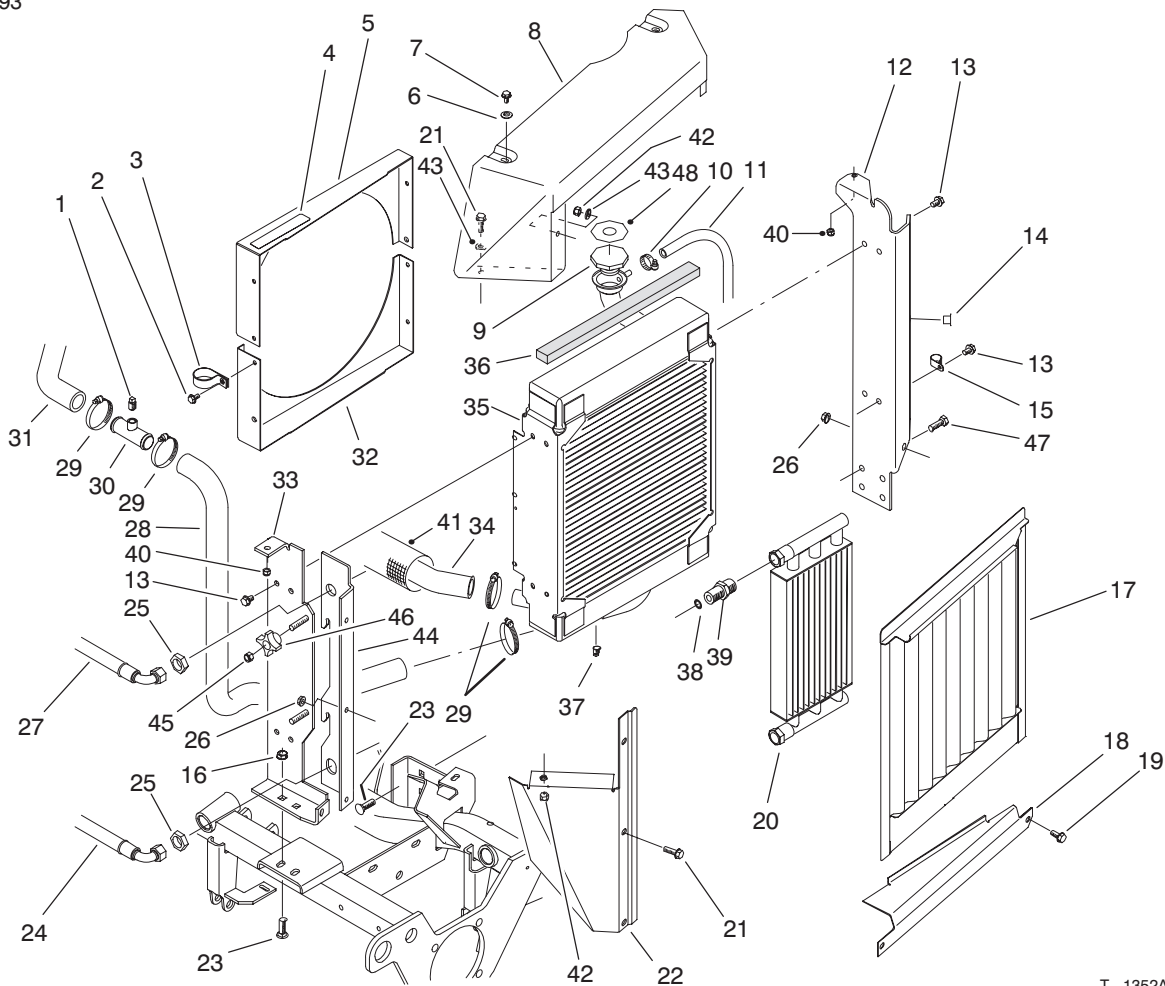




T-1351

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	Asm. - Frame (Incl. Ref. #1-4 & 18)	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				

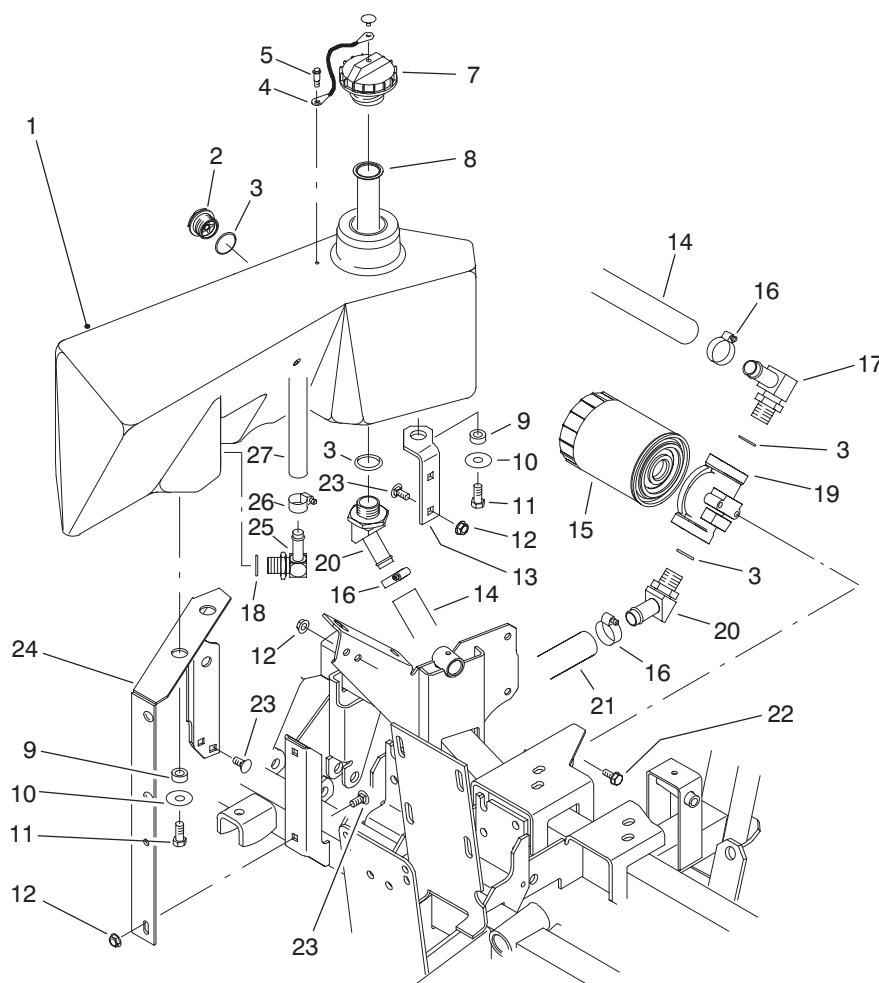


T-1352A

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

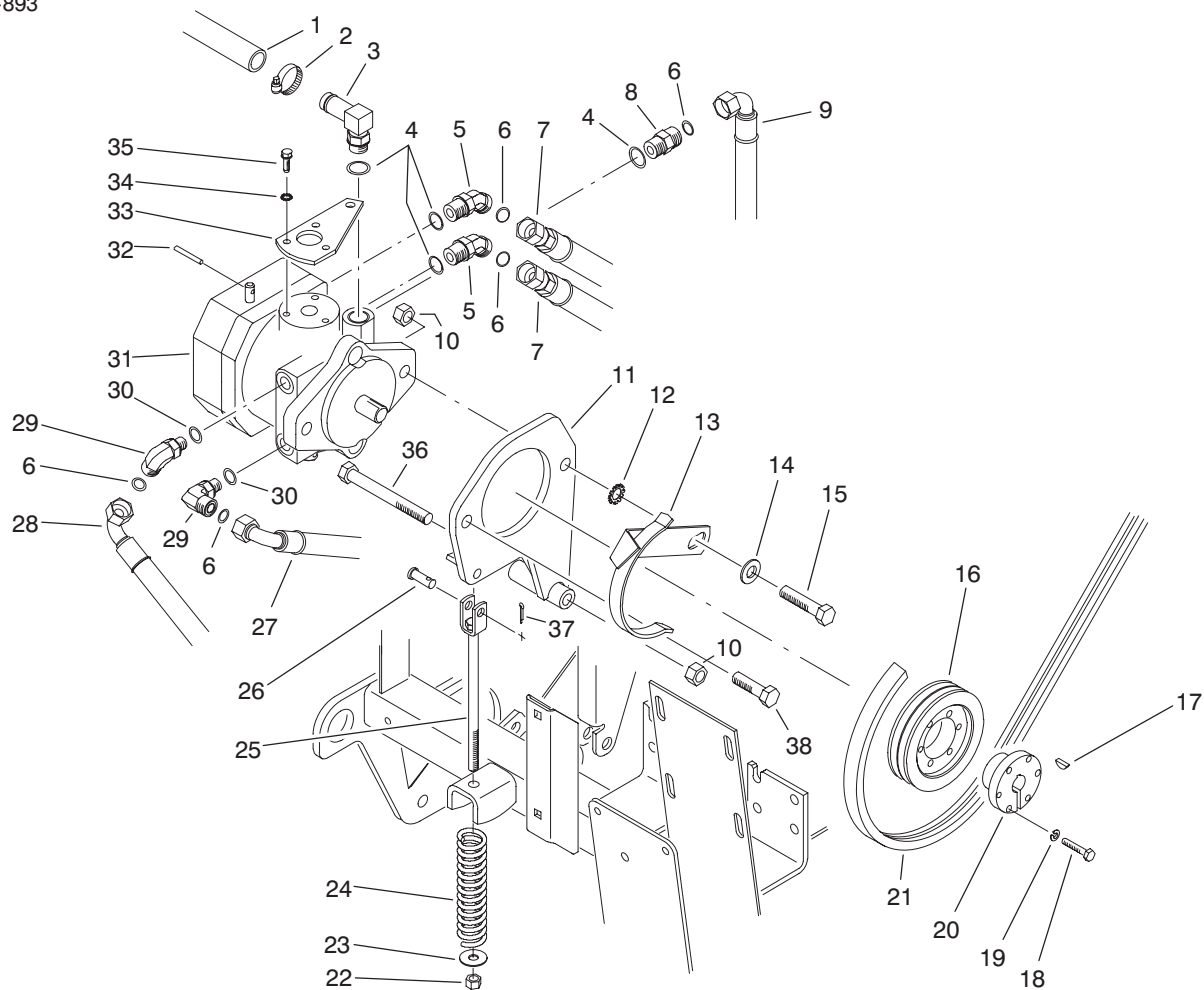
Ref. No.	Part No.	Description	No. Used
26	32128-44	Nut - Flange Lock	4
27	92-1177	Hose - Hydraulic	1
28	83-9060	Hose - Radiator	1
29	2412-34	Clamp - Hose	5
30	83-9080	Connector - Bleed	1
31	83-9070	Hose - Radiator	1
32	83-7850	Shroud - Fan Bottom	1
33	88-6720	Bracket - Radiator Front	1
34	83-9050	Hose - 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	93-7159	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	Ref. No.	Part No.	Description	No. Used
1	83-7720	Reservoir - Hydraulic	1	16	3212-34	Clamp - Hose	3
2	69-1170	Glass - Sight (Incl. Ref. #3)	1	17	353-987	Fitting- Hydraulic 90° (Incl. Ref. #3)	1
3	237-81	Seal - O-Ring	4	18	237-79	Seal - O-Ring	1
4	75-0540	Tether & Retainer Assembly	1	19	68-8990	Head - Oil Filter	1
5	57-5420	Screw - Shoulder	1	20	354-127	Fitting - Hydraulic 45° (Incl. Ref. #3)	2
7	93-7160	Cap - Hydraulic Reservoir (Incl. Ref. #4 & 6)	1	21	83-9650	Hose - Hydraulic	1
8	61-2790	Screen - Filler	1	22	3234-4	Screw - Hex. Washer Hd.	2
9	240-11	Grommet	3	23	3230-23	Screw - Carriage	6
10	63-8410	Washer - Flat	3	24	83-7780	Bracket - Support	1
11	323-5	Screw - Cap Hex. Hd.	3	25	354-120	Fitting - Hydraulic 90° (Incl. Ref. #18)	1
12	32128-44	Nut - Hex. Flange Hd.	6	26	2412-36	Clamp - Hose	1
13	83-9920	Bracket - Reservoir	1	27	92-1178	Hose - Hydraulic	1
14	83-9651	Hose - Hydraulic	1				
15	54-0110	Element - Oil Filter	1				



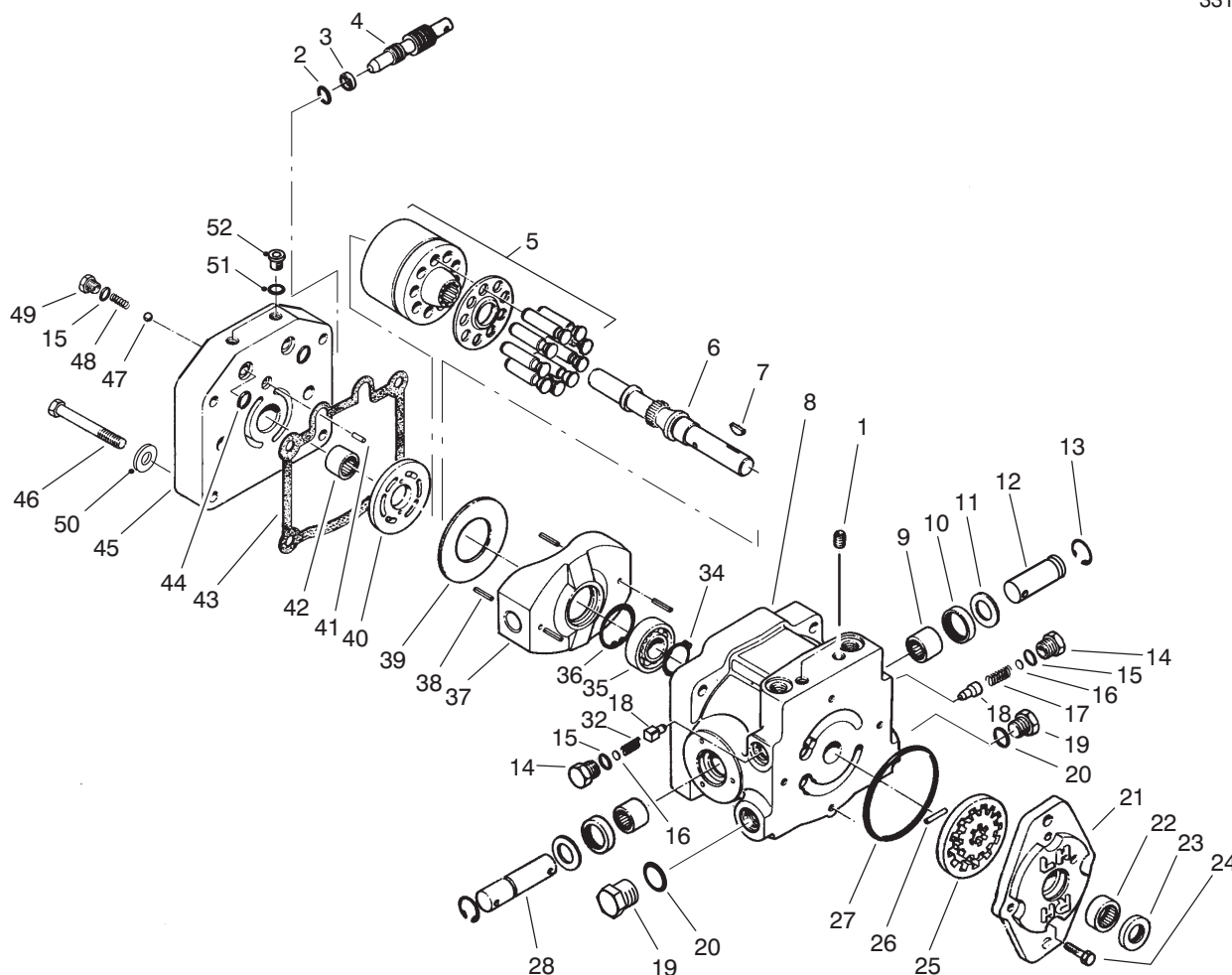
T-1354

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

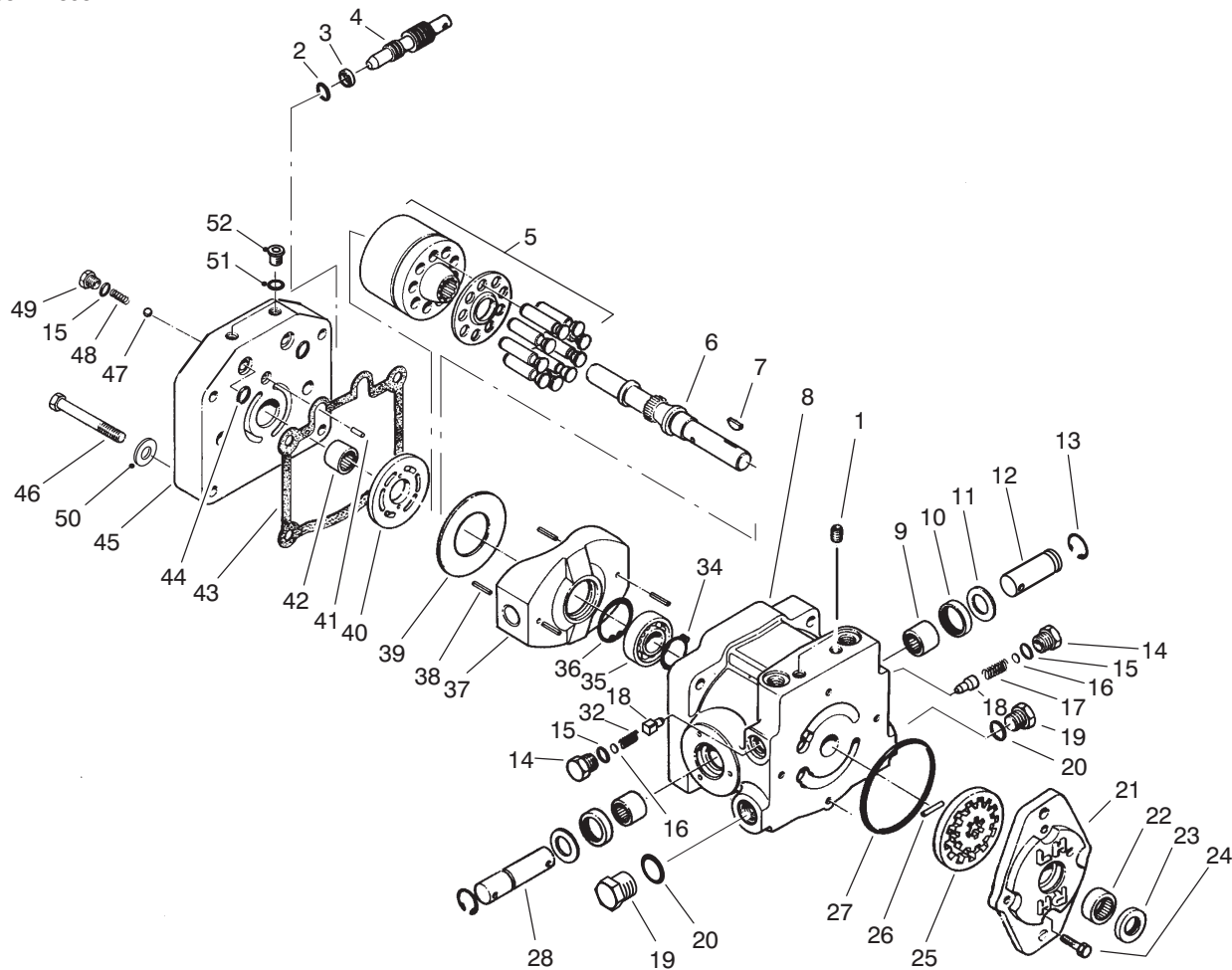


T-1809

HYDRAULIC PUMP ASSEMBLY NO. 92-9023

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

*Not Illustrated

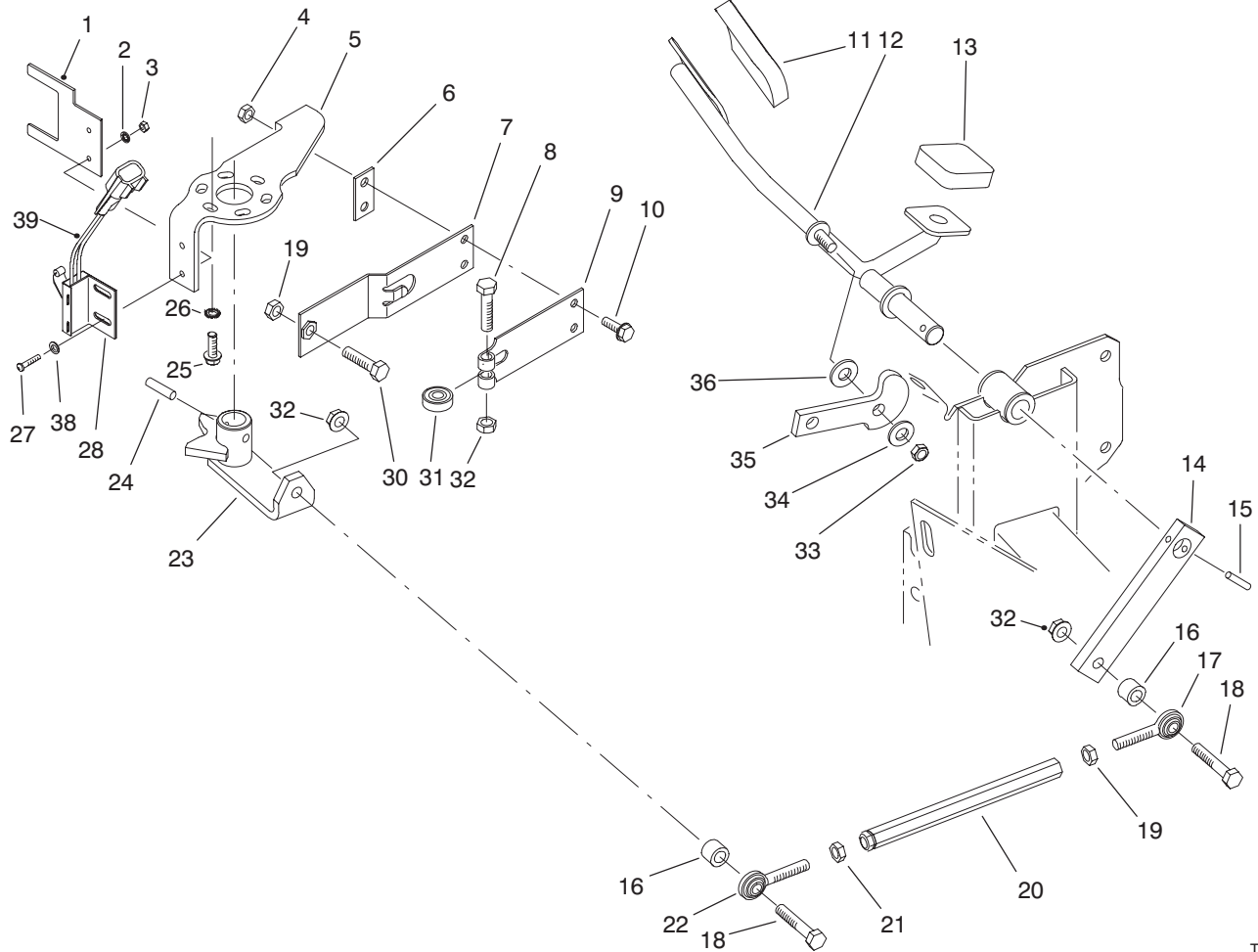


T-1809

HYDRAULIC PUMP ASSEMBLY NO. 92-9023 (Continued)

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

*Not Illustrated



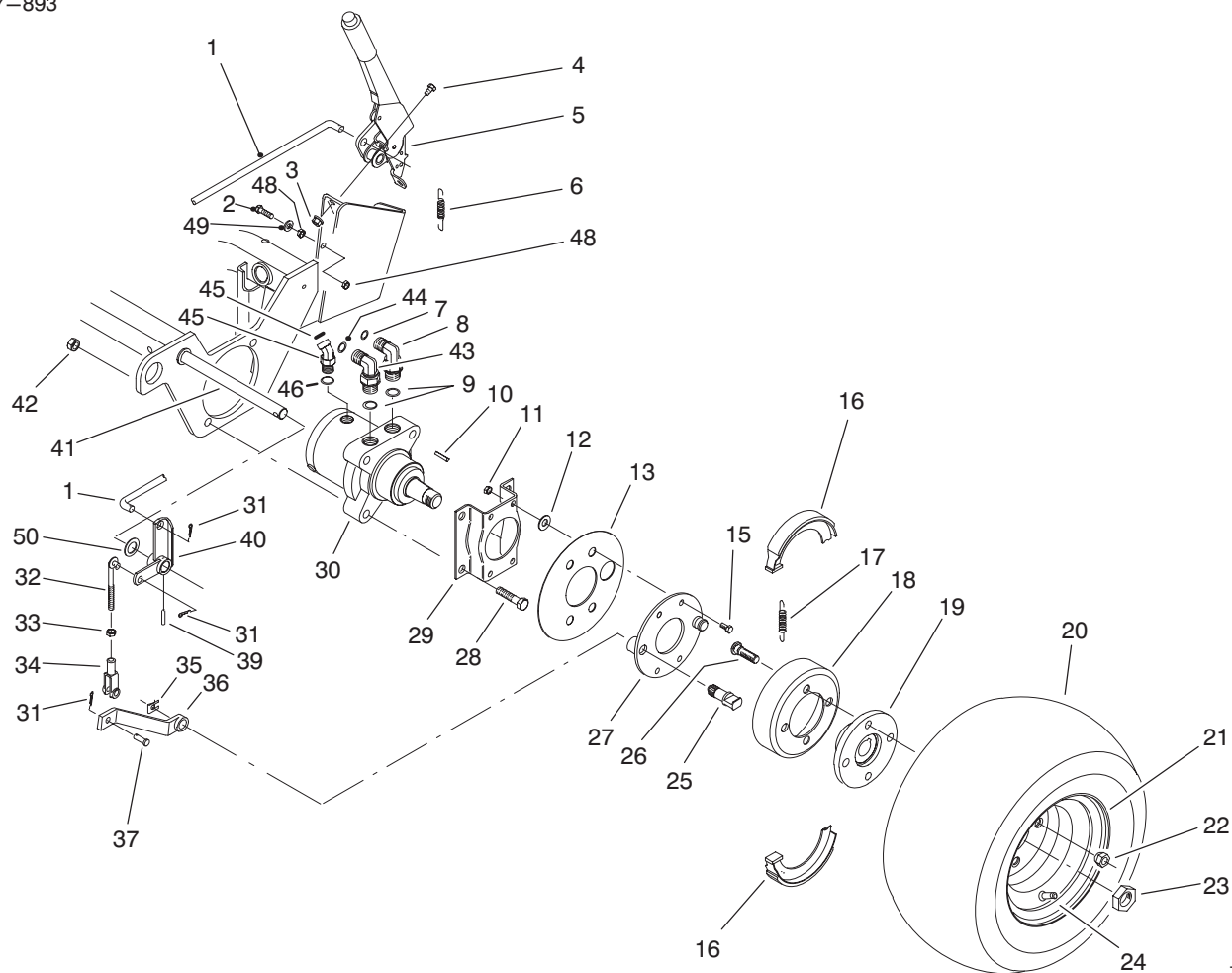
T-1355A

TRACTION CONTROL ASSEMBLY

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

Ref. No.	Part No.	Description	No. Used
21	3220-20	Nut - Jam	1
22	2411-53	End - Rod	1
23	83-8770	Lever - Pump	1
24	32121-24	Pin - Roll	1
25	49-2040	Screw - Hex. Flange Hd.	3
26	3255-7	Washer - ETLW	3
27	3249-3	Screw - Round Hd.	2
28	94-1754	Switch Assembly (Incl. Ref. #39 & Bracket)	1
30	3210-7	Screw - Cap Hex. Hd.	1
31	251-259	Bearing - Ball	1
32	3296-29	Nut - Lock	3
33	3296-59	Nut - Lock	1
34	3256-24	Washer - Flat	1
35	74-6110	Cam - Stop	1
36	66-2920	Spacer	1
38	3256-53	Washer - Flat	2
39	94-1755	Switch	1
*	3290-378	Tie - Cable	1

*Not Illustrated



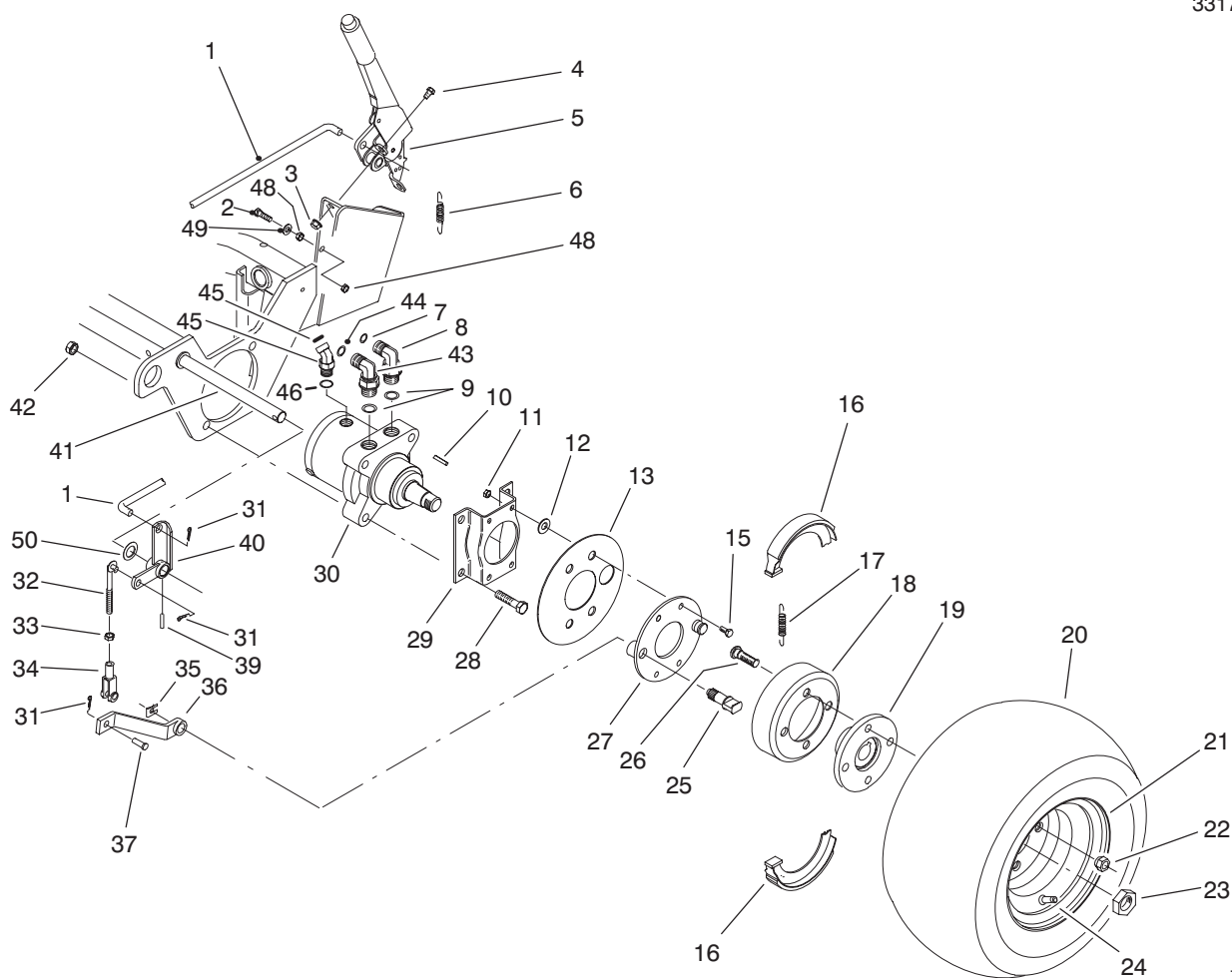
T-1356

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

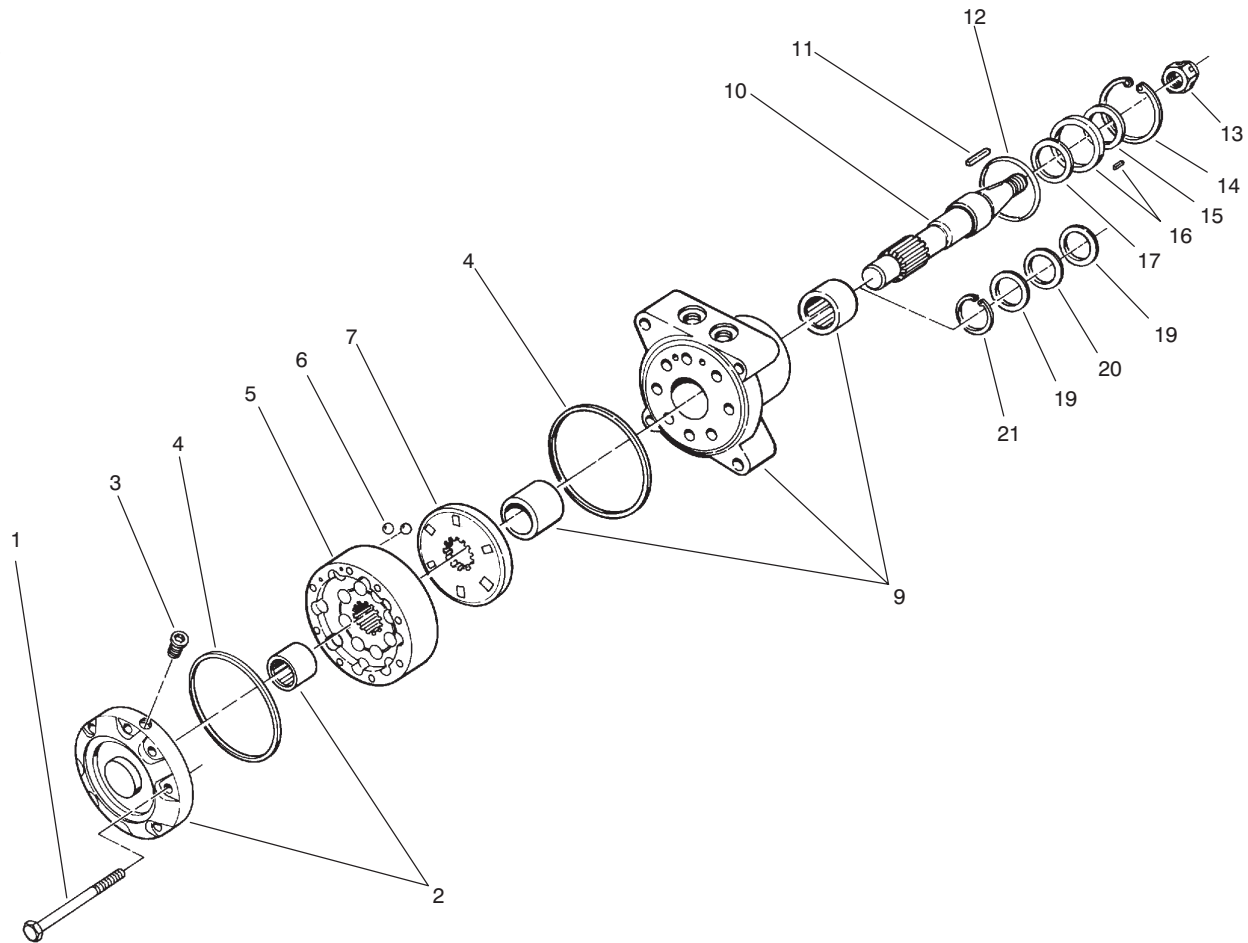


T-1356

FRONT WHEEL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
45	340-103	Fitting - Hydraulic 45° (Incl. Ref. #46 & 47) (For Left Wheel Motor)	1	47	237-21	Seal - O-Ring	3
*	340-140	Fitting - Hydraulic Tee (Incl. Ref. #46 & 47) (For Right Wheel Motor)	1	48	32128-20	Nut - Lock	2
46	237-78	Seal - O-Ring	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

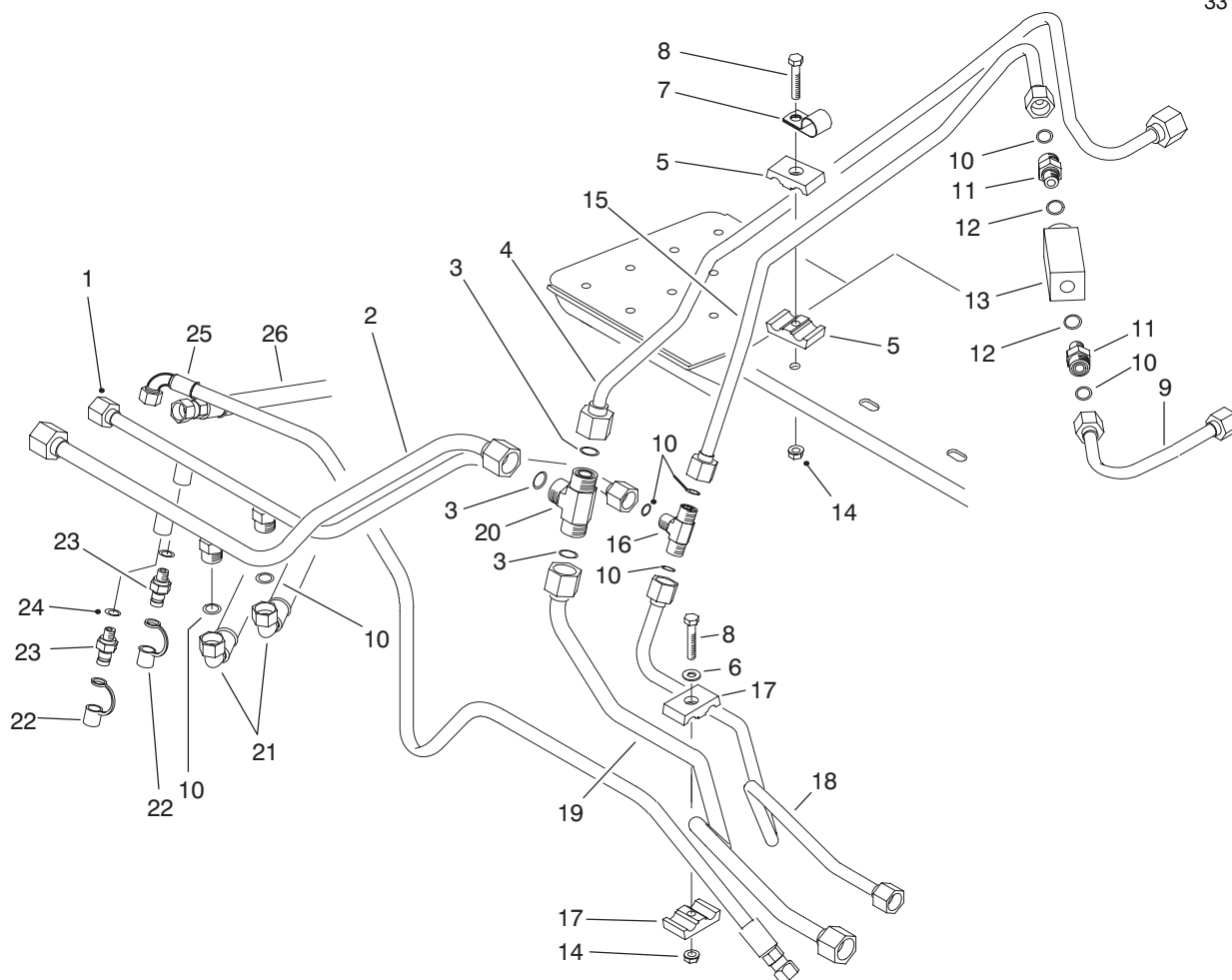
HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 66-5291

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

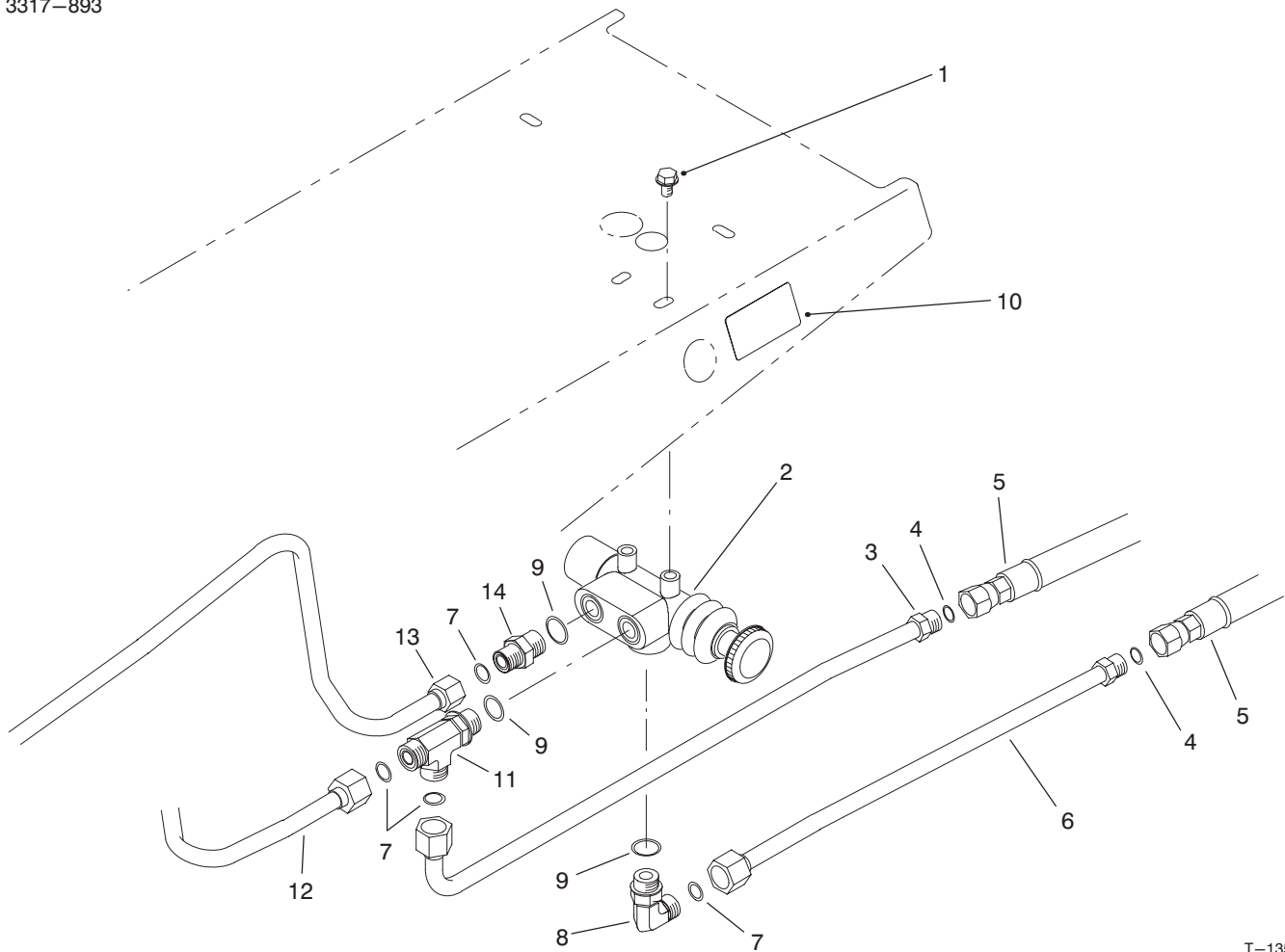
†Not available from Toro as a replacement part.



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

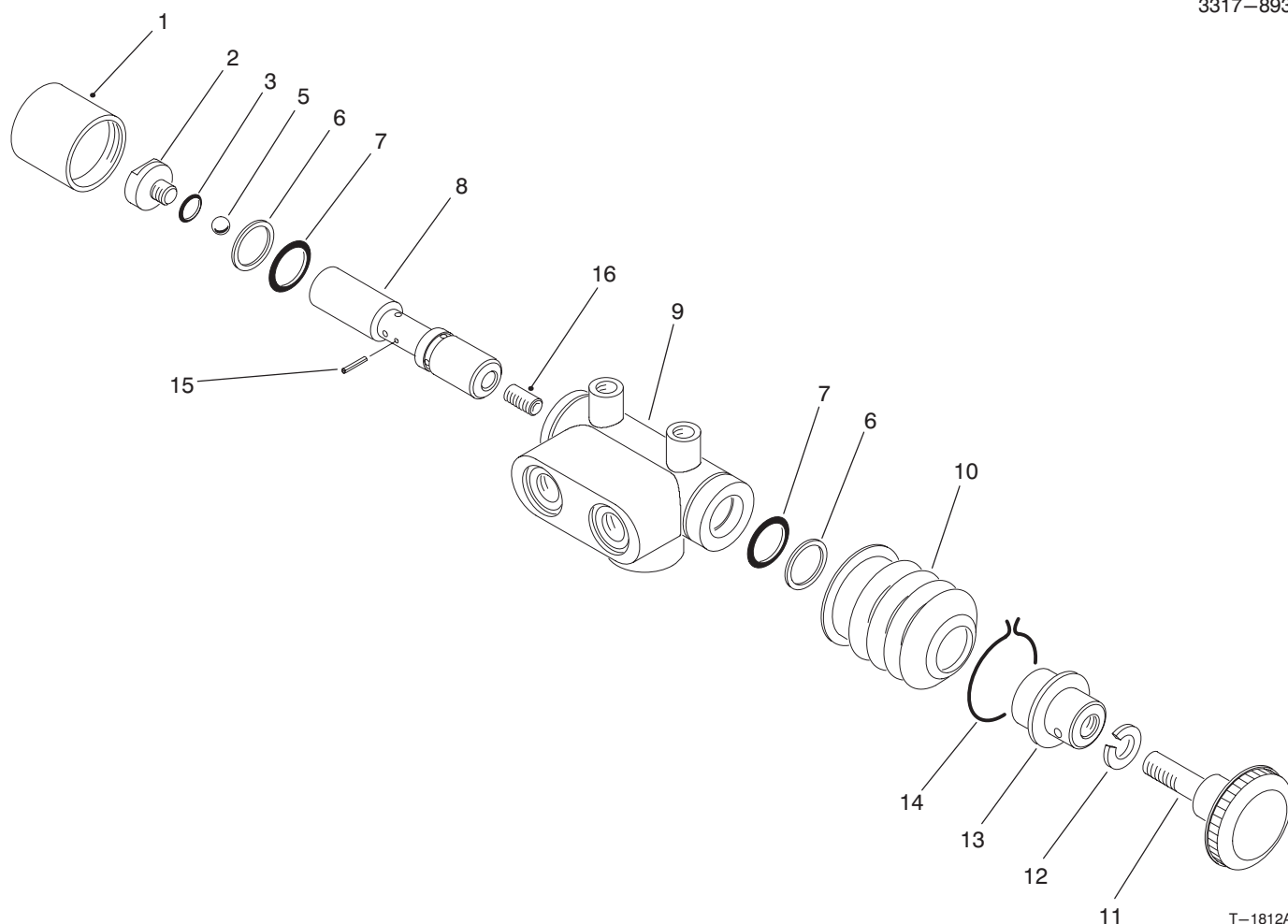


T-1359

REAR WHEEL DRIVE VALVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234-28	Screw — Hex. Flange Hd.	2
2	92-3196	Two—Position Valve Asm.	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° (Incl. Ref. #7 & 9)	1

Ref. No.	Part No.	Description	No. Used
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



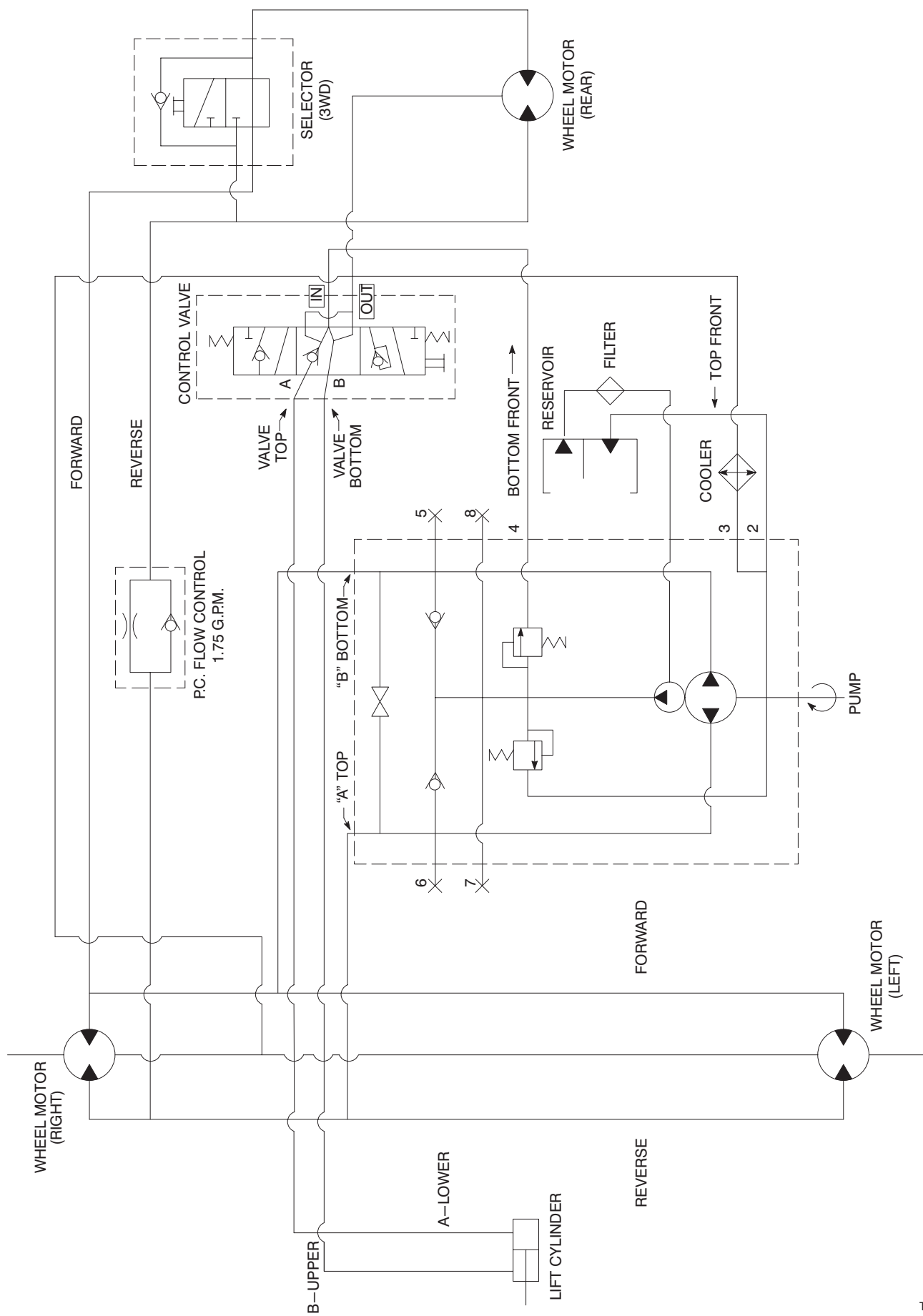
TWO POSITION VALVE ASSEMBLY NO. 92-3196

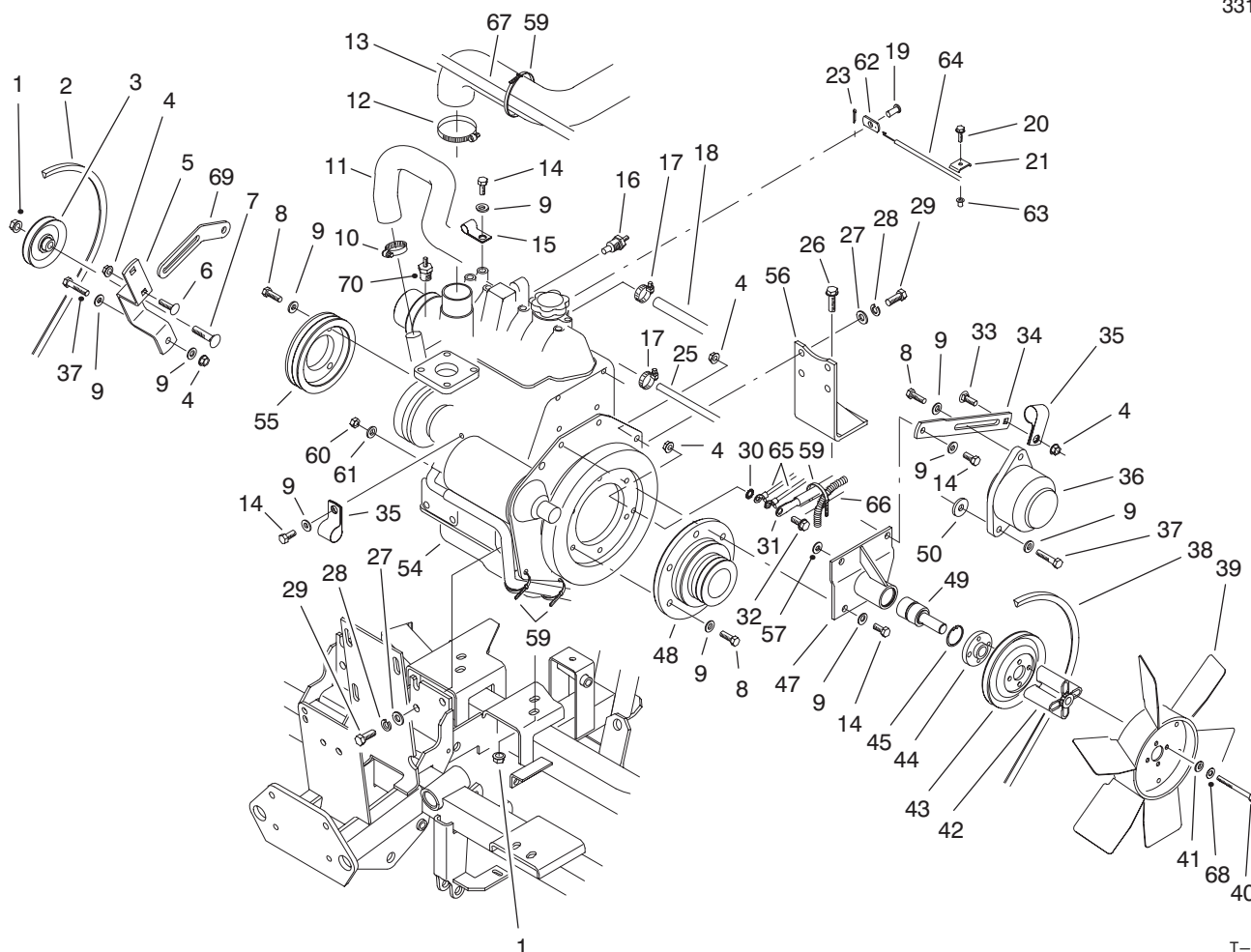
Ref. No.	Part No.	Description	No. Used
1	92-7904	Cap - Valve	1
2	94-3427	Plug Assembly (Incl. Ref. #3)	1
3	237-22	Seal - O-Ring	1
5	354-23	Ball	1
6		Ring - Back-Up	2
7		Seal - O-Ring	2
8		Spool - Valve	1
9		Housing - Valve	1
10	92-7911	Boot	1

Ref. No.	Part No.	Description	No. Used
11	233-46	Knob	1
12	3253-5	Washer - Lock	1
13	94-3426	Stop - Valve	1
14	92-7912	Retainer - Boot	1
15	32121-38	Pin - Spring	1
16	94-3425	Screw - Set	1
*	92-7913	Seal Repair Kit (Incl. Ref. #1, 3, 6, 7, 10 & 14)	1

*Not Illustrated

HYDRAULIC SCHEMATIC



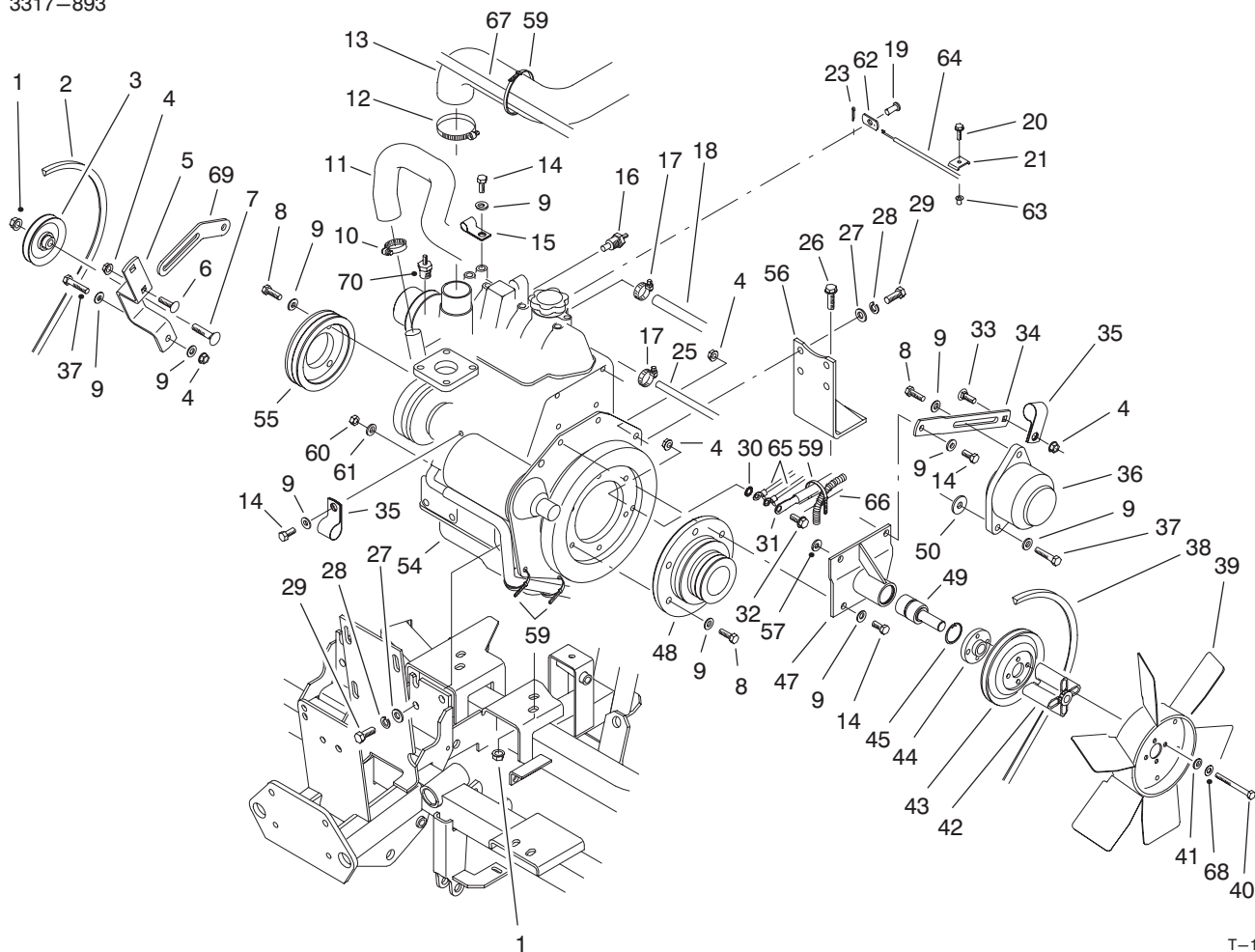


T-1360A

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32128-43	Nut - Flange Lock	5	29	48-7780	Screw - Cap Hex. Hd.	16
2	37-9090	Belt - V	1	30	3255-8	Washer - Lock ETLW	1
3	63-8140	Pulley - Idler	1	31	83-9210	Cable - Ground	1
4	32128-44	Nut - Flange Lock	5	32	3234-5	Screw - Hex. Washer Hd.	1
5	83-7690	Bracket - Idler	1	33	3230-1	Screw - Carriage	1
6	3230-22	Screw - Carriage	1	34	83-7700	Bracket - Alternator	1
7	3231-26	Screw - Carriage	1	35	2412-39	Clamp - R	2
8	48-9460	Screw - Cap Hex. Hd.	10	†36	185046210	Alternator	1
9	3256-23	Washer - Flat	18	37	322-7	Screw - Cap Hex. Hd.	2
10	2412-34	Clamp - Hose	1	38	83-9020	Belt - V	1
11	83-9070	Hose - Coolant	1	†39	145306380	Fan	1
12	2412-92	Clamp - Hose	1	40	321-23	Screw - Cap Hex. Hd.	4
13	83-8550	Hose - Air Intake	1	41	48-8010	Washer - Flat	4
14	48-7700	Screw - Cap Hex. Hd.	6	42	92-3181	Spacer - Fan	1
15	2412-93	Clamp - R	1	43	83-7630	Pulley - Fan	1
16	82-3110	Sensor - Warning Lights	1	44	83-7610	Hub - Fan	1
17	2412-108	Clamp - Hose	2	45	32120-10	Ring - Retaining	1
18	63-7620	Hose - Fuel	1	47	83-9880	Bracket - Fan Spindle	1
19	283-62	Pin - Clevis	1	48	92-3198	Pulley - Engine	1
20	3290-432	Screw - Hex. Hd.	1	49	36-7290	Spindle - Fan	1
21	81-1690	Clamp - Throttle Cable	1	50	62-9510	Washer - Flat	1
23	3272-10	Pin - Cotter	1	54		Engine Assembly	1
25	75-4703	Hose - Fuel	1	55	83-7590	Pulley - Engine	1
26	3234-24	Screw - Hex. Flange Hd.	3	56	83-8470	Bracket - Engine Mount	2
27	3256-24	Washer - Flat	16	57	65-8270	Washer	1
28	48-9590	Washer - Lock	16	59	3290-379	Tie - Cable	4

†Obtain from your local Perkins Dealer.



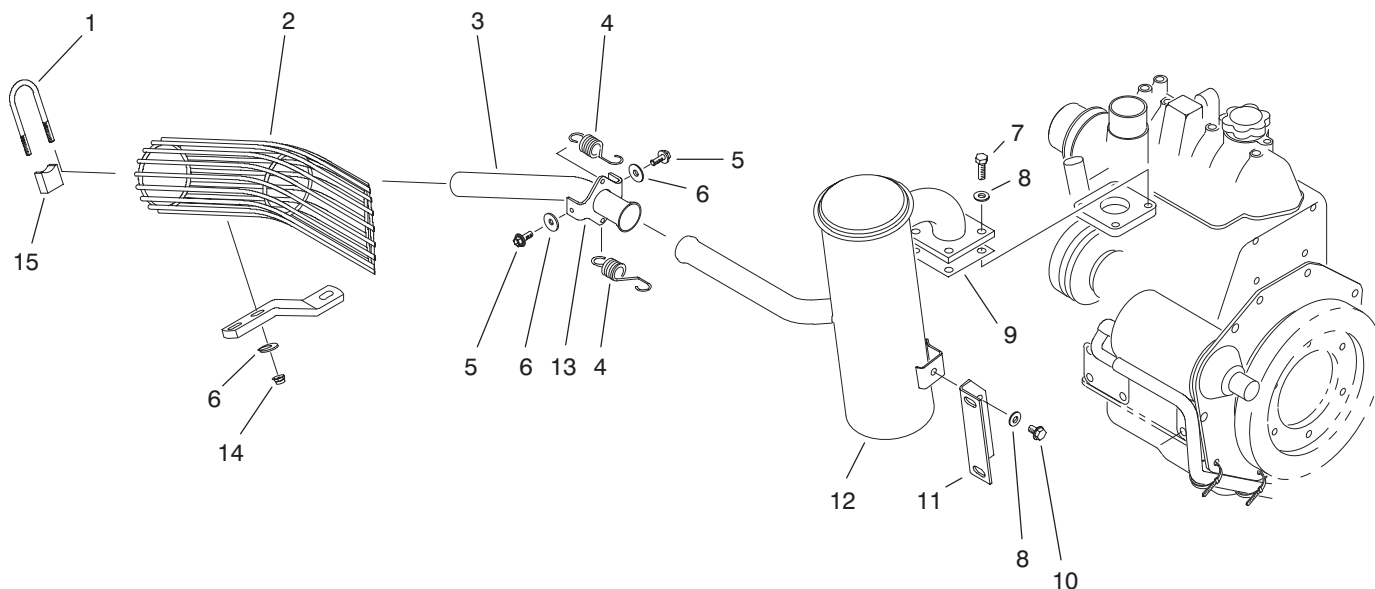
T-1360A

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	Sensor - Glow Plugs	1

†Obtain from your local Perkins Dealer.

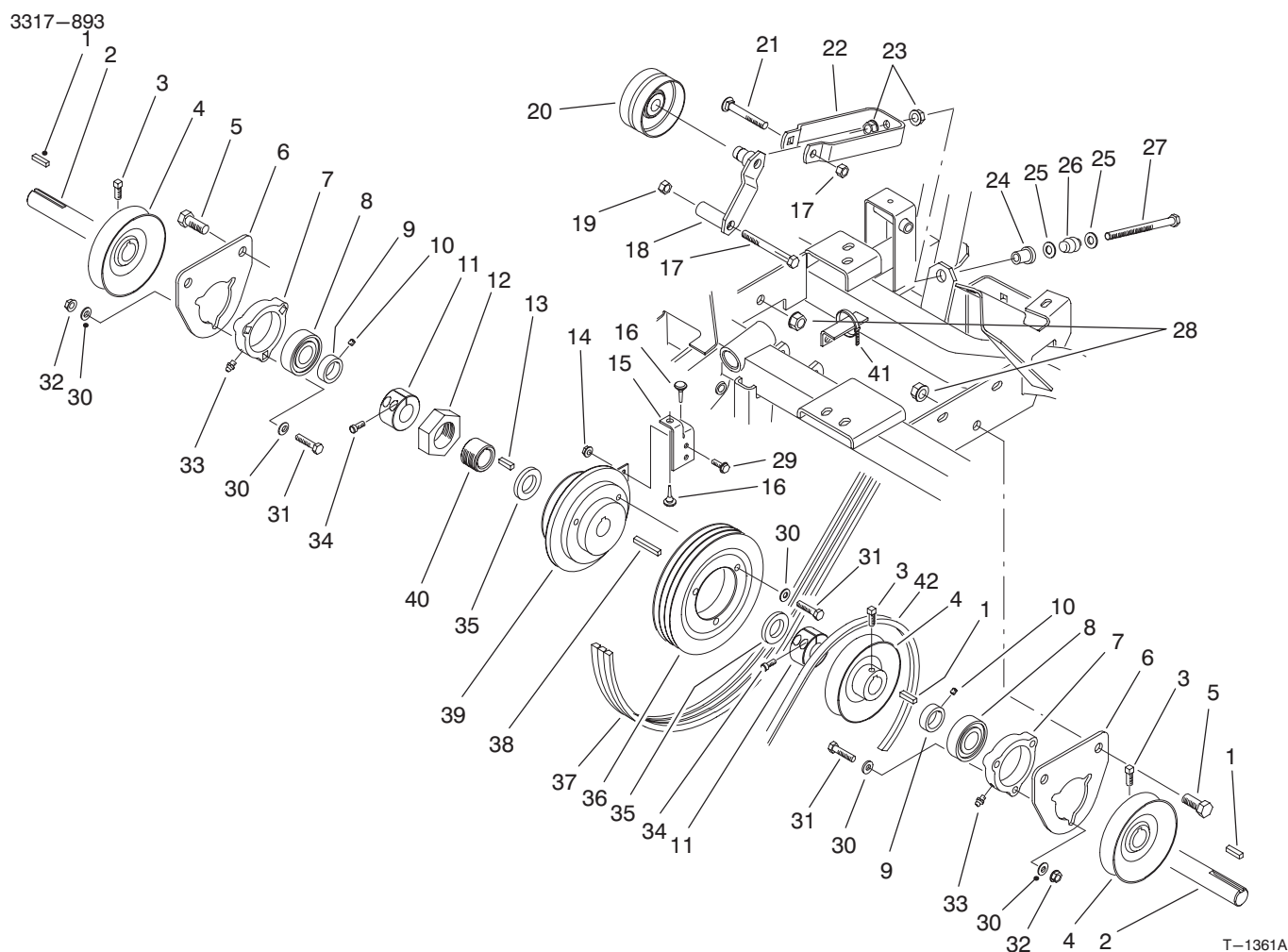


T-1931

EXHAUST SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-9798	Bolt - U	1	†9	314990013	Gasket - Muffler	1
2	93-0152	Guard - Exhaust Pipe	1	10	3234-28	Screw - Hex. Flange Hd.	1
3	92-9799	Tube - Muffler	1	11	83-8220	Bracket - Muffler	1
4	92-9797	Spring - Extension	2	12	92-9776	Muffler	1
5	46-6811	Screw - Cap Hex. Hd.	2	13	93-0151	Bracket - Tube Support	1
6	3256-67	Washer - Flat	4	14	3296-16	Nut - Lock	2
7	48-9460	Screw - Cap Hex. Hd.	4	15	92-9796	Block - Support	1
8	3256-23	Washer - Flat	5				

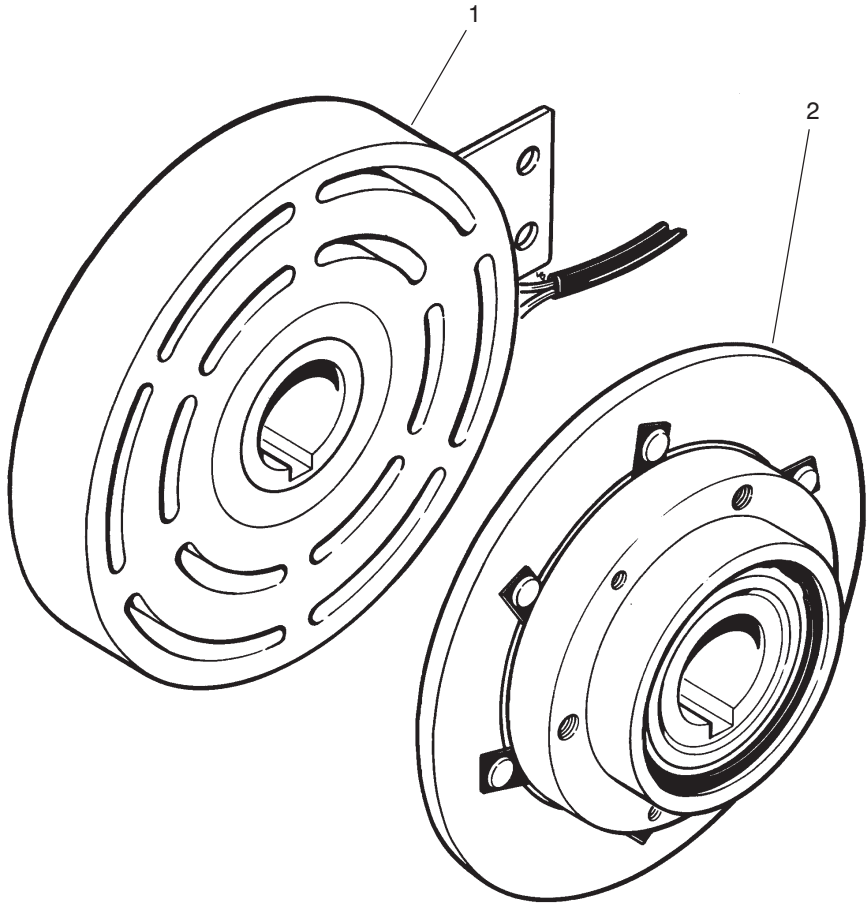
†Obtain from your local Perkins Dealer.



REEL DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5-7280	Key — Square	3
2	83-7820	Shaft — Drive	1
3	3242-4	Screw — Square Hd. Set	6
4	61-0140	Pulley — Reel	3
5	3234-32	Screw — Cap Hex. Hd.	4
6	92-3185	Support — Bearing	2
7	76-2460	Bearing Assembly (Incl. Ref. #7-10 & 33)	2
8	94-3405	Bearing — Ball	2
9	251-77	Collar — Locking	2
10	3245-35	Screw — Set	2
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

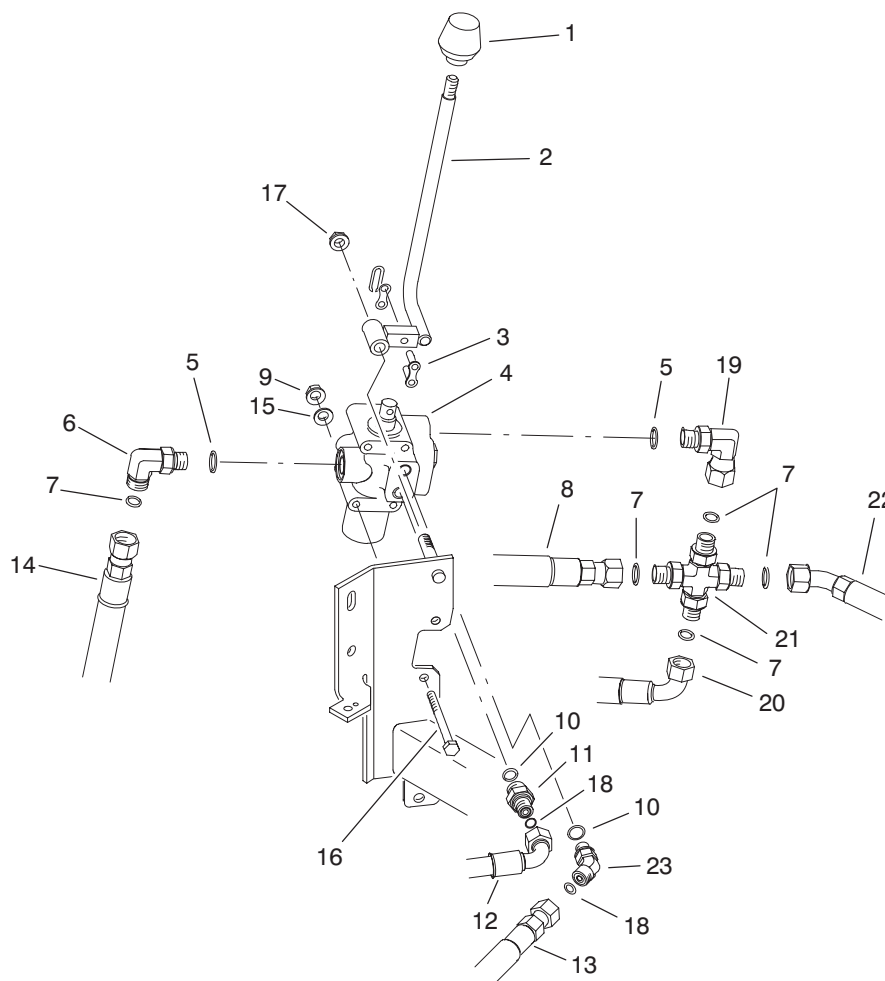
Ref. No.	Part No.	Description	No. Used
22	83-8630	Yoke — Belt Tension	1
23	32128-43	Nut — Flange Lock	2
24	83-9810	Bushing — Flange	1
25	3256-24	Washer — Flat	2
26	83-9690	Spring — Compression	1
27	83-9680	Screw — Cap Hex. Hd.	1
28	3296-23	Nut — Lock	4
29	3234-4	Screw — Hex. Flange Hd.	2
30	3256-23	Washer — 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	Ref. No.	Part No.	Description	No. Used
1	84-7770	Field & Rotor Assembly	1	2	84-7780	Armature Assembly	1

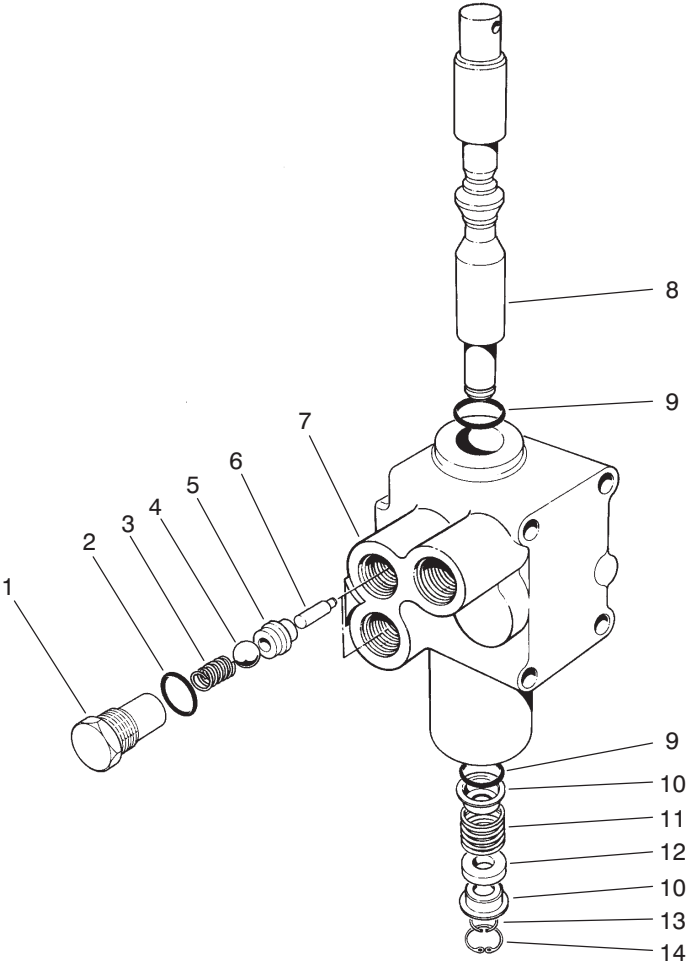


T-1363

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

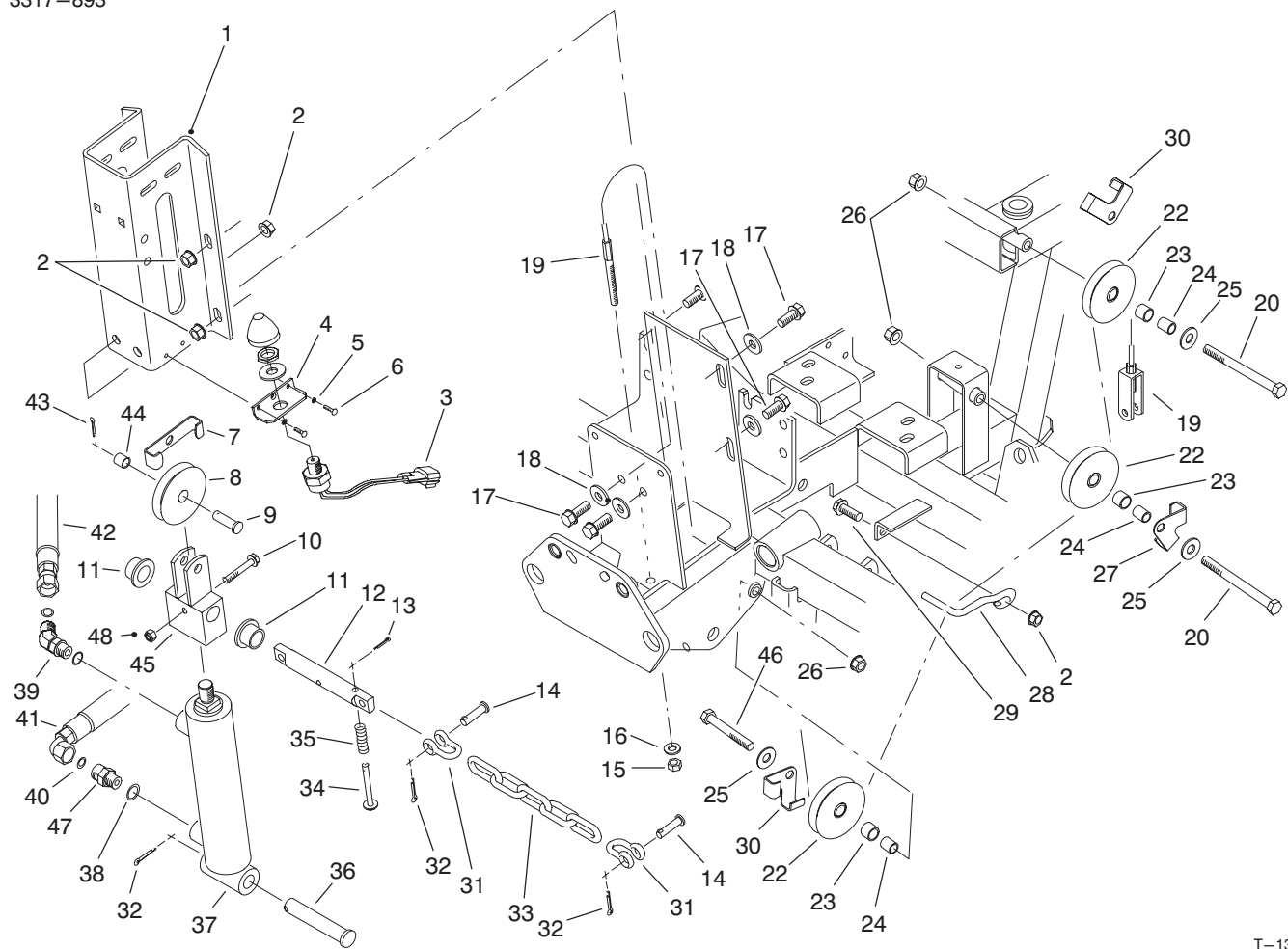
Ref. No.	Part No.	Description	No. Used
13	85-4990	Hose - Hydraulic	1
14	83-9640	Hose - Hydraulic	1
15	3256-22	Washer - Flat	2
16	321-23	Screw - Cap Hex. Hd.	2
17	3296-39	Nut - Lock	1
18	237-21	Seal - O-Ring	2
19	340-110	Fitting - Hydraulic 90° (Incl. Ref. #5)	1
20	85-4990	Hose - Hydraulic	1
21	340-23	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	Ref. No.	Part No.	Description	No. Used
1	22-8330	Plug	2	8	22-8420	Spool	1
2	237-42	Seal - O-Ring	2	9	22-8500	Seal - O-Ring	2
3	22-8340	Spring	2	10	22-8380	Retainer - Spring	2
4	22-8350	Ball	2	11	22-8410	Spring	1
5	22-8370	Seat - Check Valve	2	12	23-3030	Spacer	1
6	22-8360	Pin - Cam	2	13	22-8480	Snap Ring - Spool	1
7		Body	1	14	22-8490	Snap Ring	1

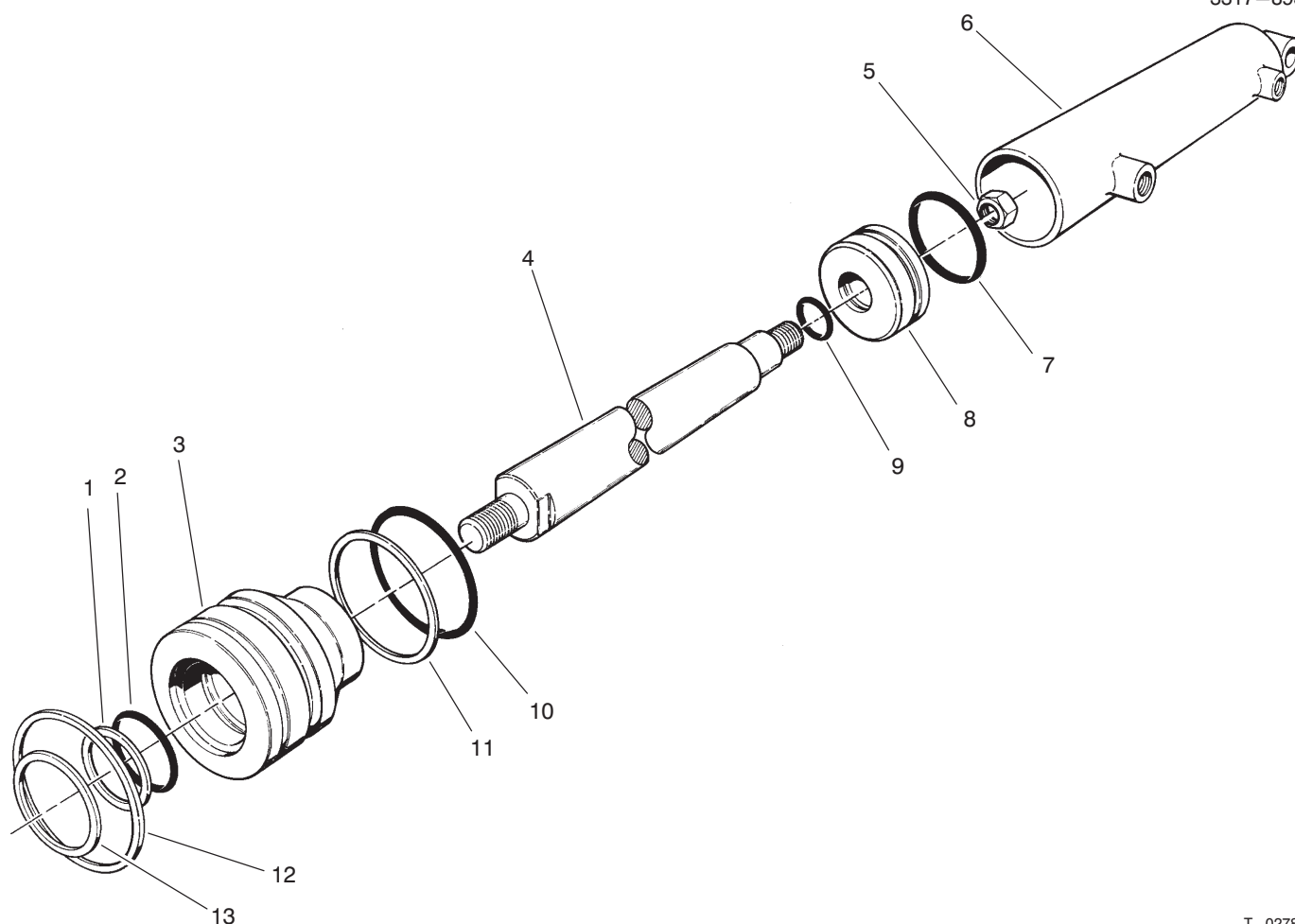


T-1364B

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	94-3429	Switch Assembly	1
4	94-3424	Bracket - Switch	1
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	321-9	Screw - Hex. Flange Hd.	1
11	84-8440	Bushing - Flange	2
12	94-1776	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
22	61-3210	Cable Pulley Assembly (Incl. Ref. #23)	3
23	256-1	Bushing - Sleeve	3
24	61-3230	Spacer	3
25	3256-24	Washer - Flat	3

Ref. No.	Part No.	Description	No. Used
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
45	61-2430	Hub - Lift	1
44	256-2	Bushing - Sleeve	1
46	323-13	Screw - Cap Hex. Hd.	1
47	340-2	Fitting - Hydraulic Straight (Incl. Ref. #38 & 40)	1
48	3296-56	Nut - Lock	1



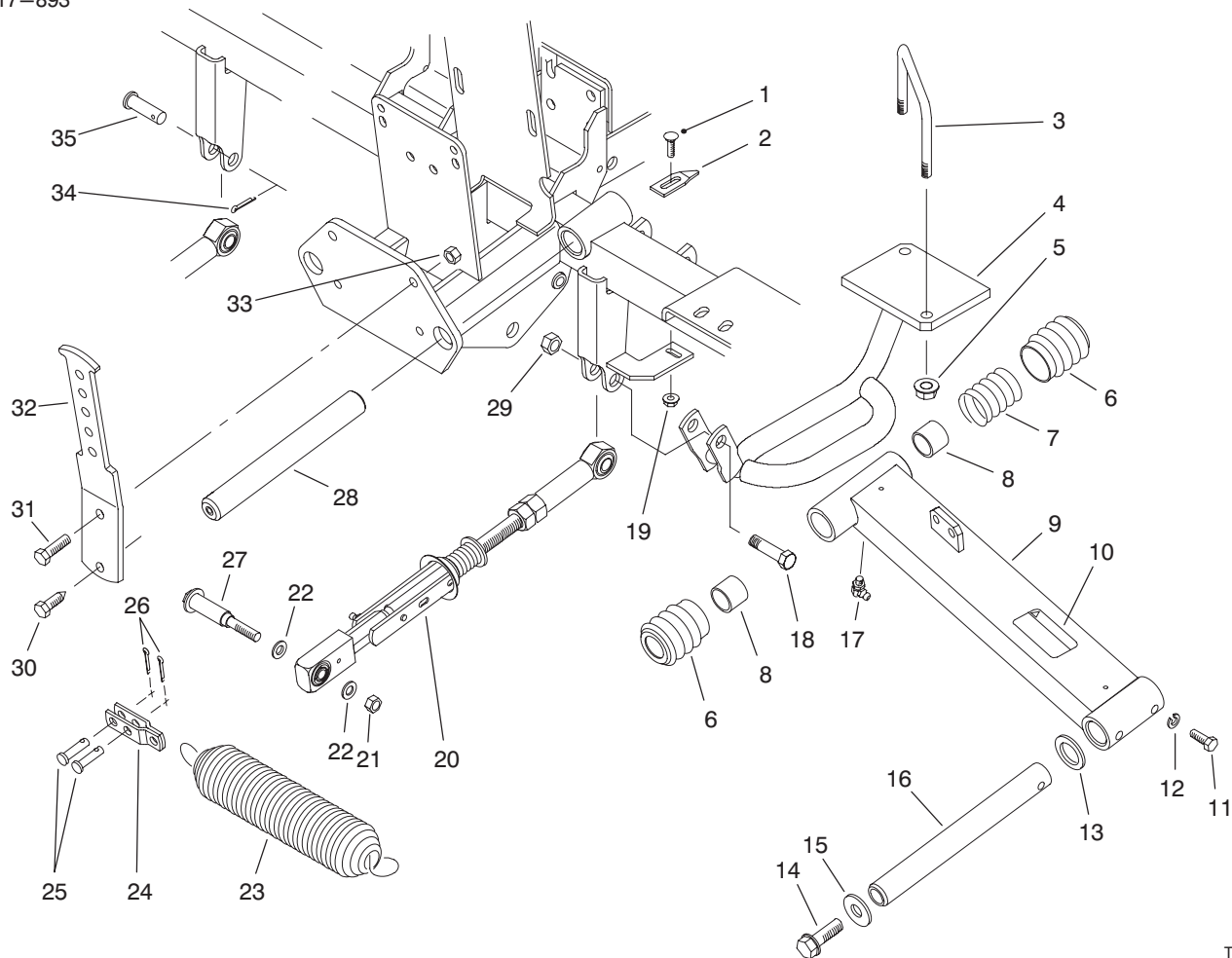
T-0278

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



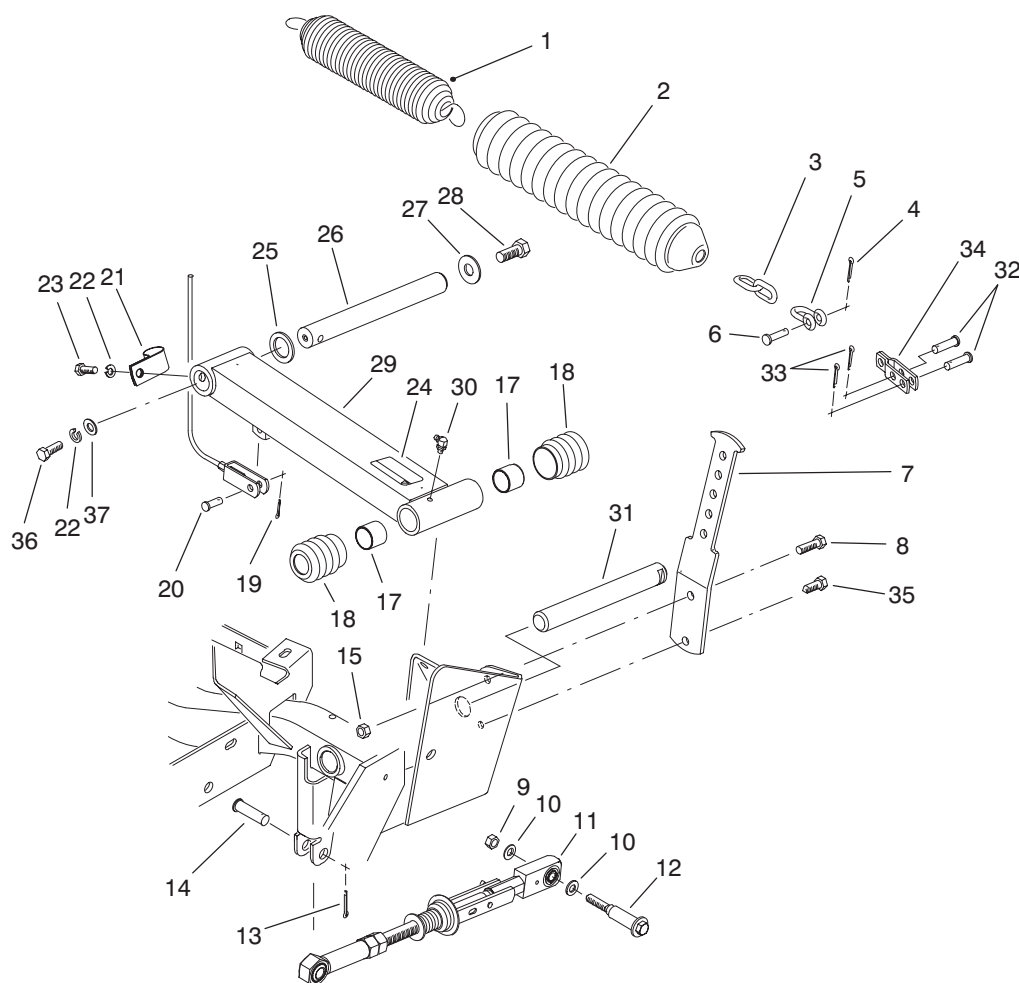
T-1365A

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	93-6912	Shackle	2
25	283-75	Pin - Clevis	4
26	3272-10	Pin - Cotter	4
27	76-0370	Bolt - Shoulder	2
28	92-1812	Shaft - Lift Pivot	2
29	3296-45	Nut - Lock	1
30	32104-6	Screw - Cap Hex. Hd.	2
31	323-7	Screw - Cap Hex. Hd.	2
32	92-1818	Arm - Tension	2
33	3296-39	Nut - Lock	2
34	3272-13	Pin - Cotter	1
35	283-40	Pin - Clevis	1

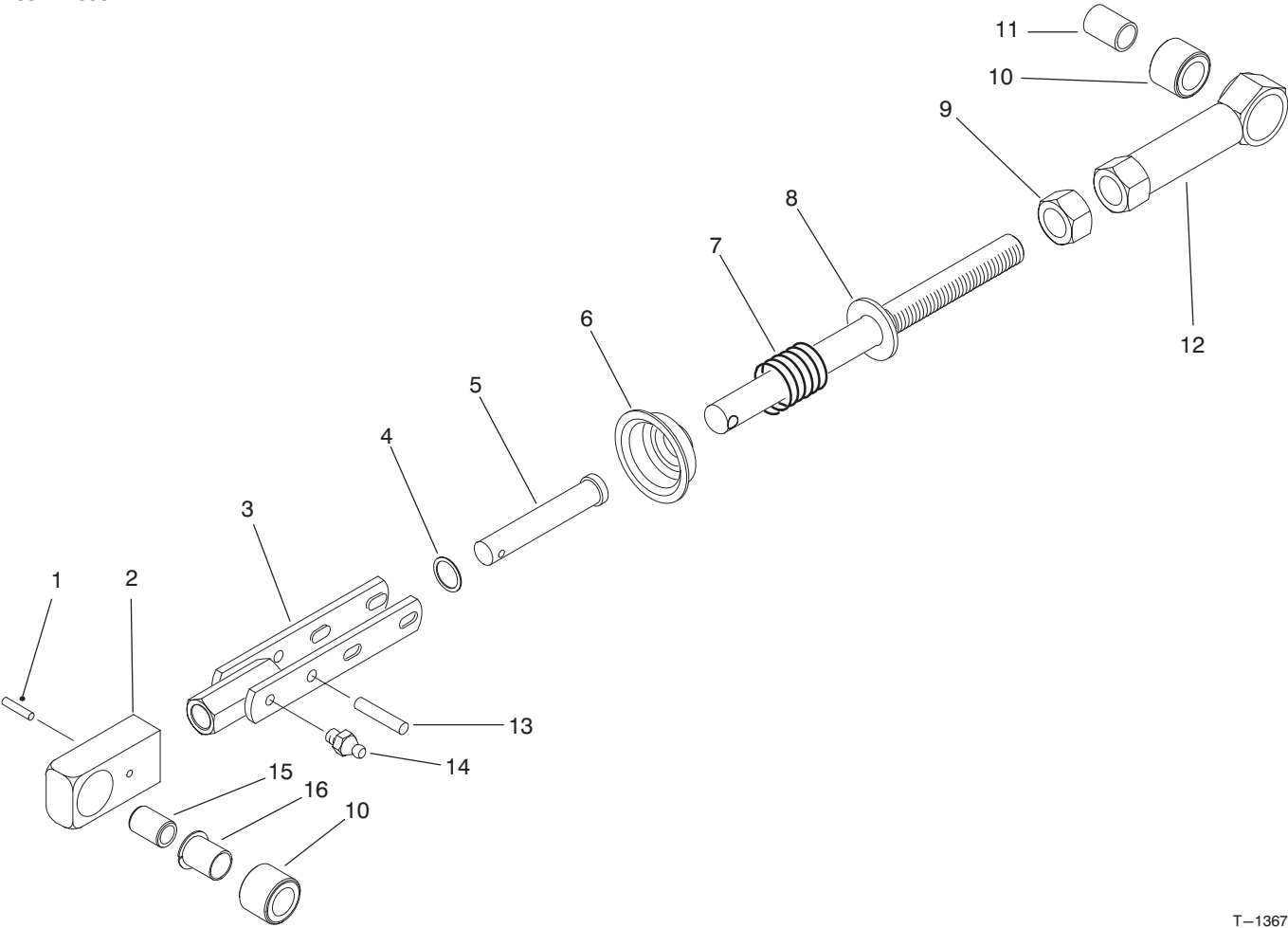
*Not Illustrated



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	93-6912	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				

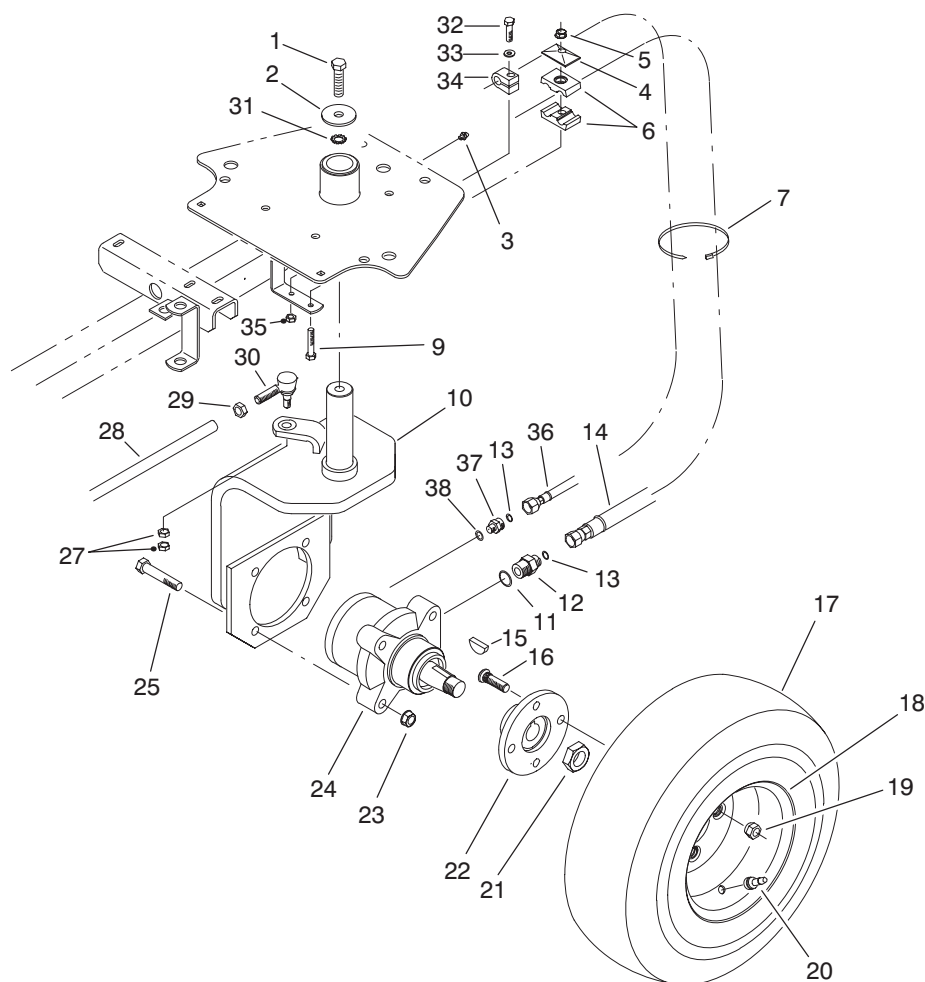


T-1367

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

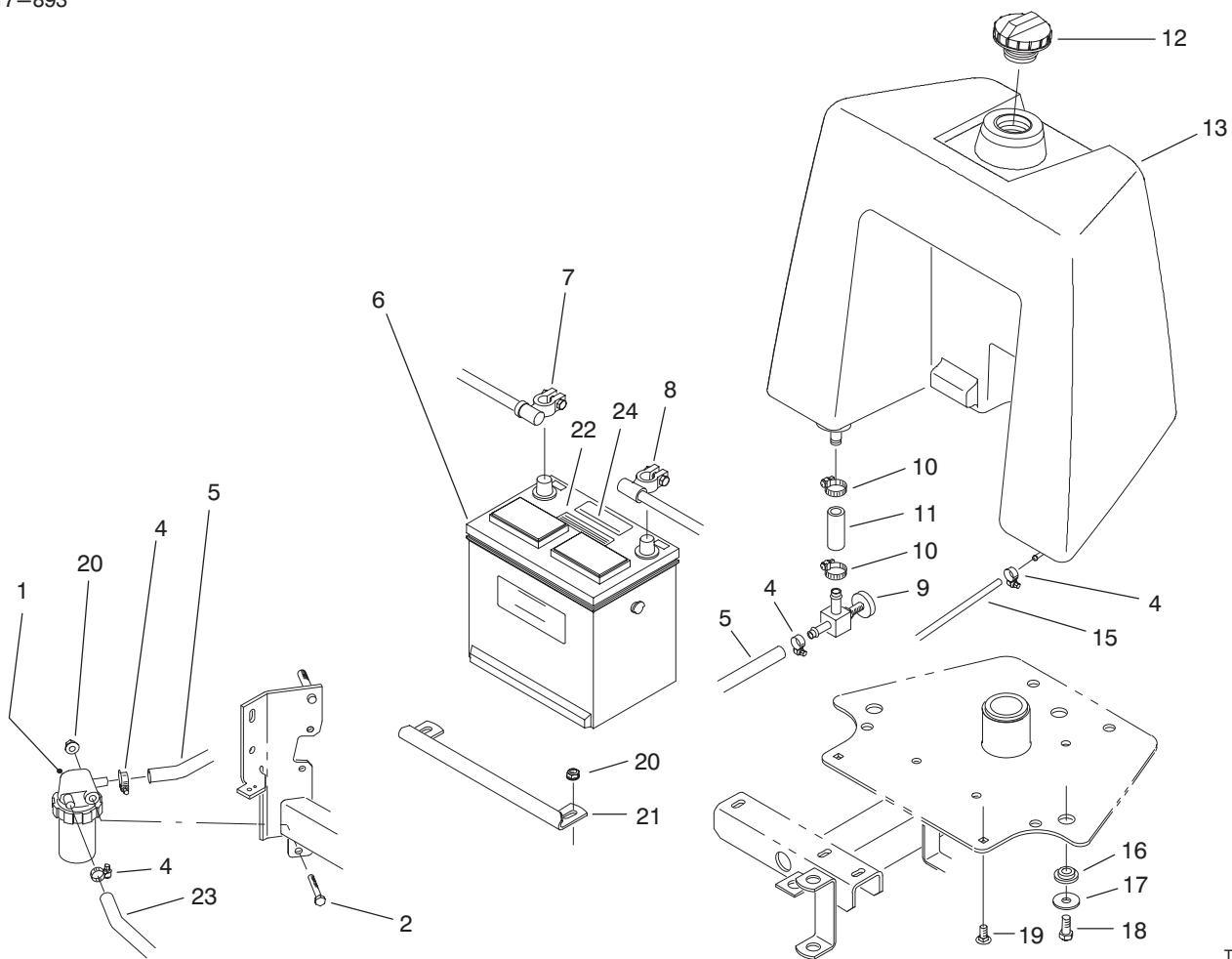
Ref. No.	Part No.	Description	No. Used
9	3218—6	Nut — Jam	1
10	56—9510	Bushing Assembly	2
11	256—173	Bushing — Sleeve	1
12	76—0300	Housing — Bushing	1
13	32121—9	Pin — Roll	1
14	302—5	Fitting — Grease	1
15	76—0390	Spacer	1
16	56—9520	Bushing — Nyliner	1



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

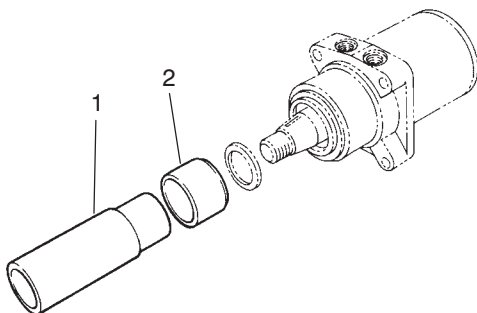
Ref. No.	Part No.	Description	No. Used
†1	130366040	Filter – Fuel	1
2	321-12	Screw – Cap Hex. Hd.	1
4	2412-108	Clamp – Hose	4
5	63-7620	Hose – Fuel	1
6	83-9000	Battery	1
7	83-9220	Cable – Battery Pos.	1
8	83-9210	Cable – Battery Neg.	1
9	56-2520	Valve – Fuel Shut-Off	1
10	2412-36	Clamp – Hose	2
11	56-2230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

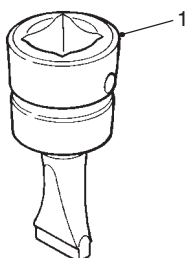
DRIVE MOTOR SEAL INSTALLATION TOOL NO. *19-2660



T-0728

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

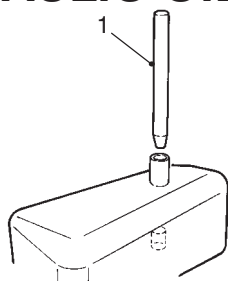
BEDKNIFE SCREW TOOL NO. *TOR510880



T-0729

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

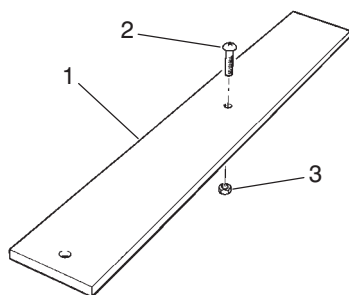
HYDRAULIC OIL RESERVOIR PLUG NO. *88-9220



T-1213

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

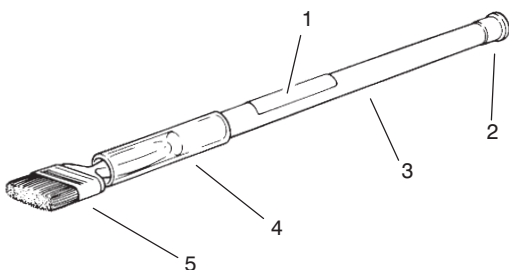
GAUGE BAR ASSEMBLY NO. *TOR138199



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

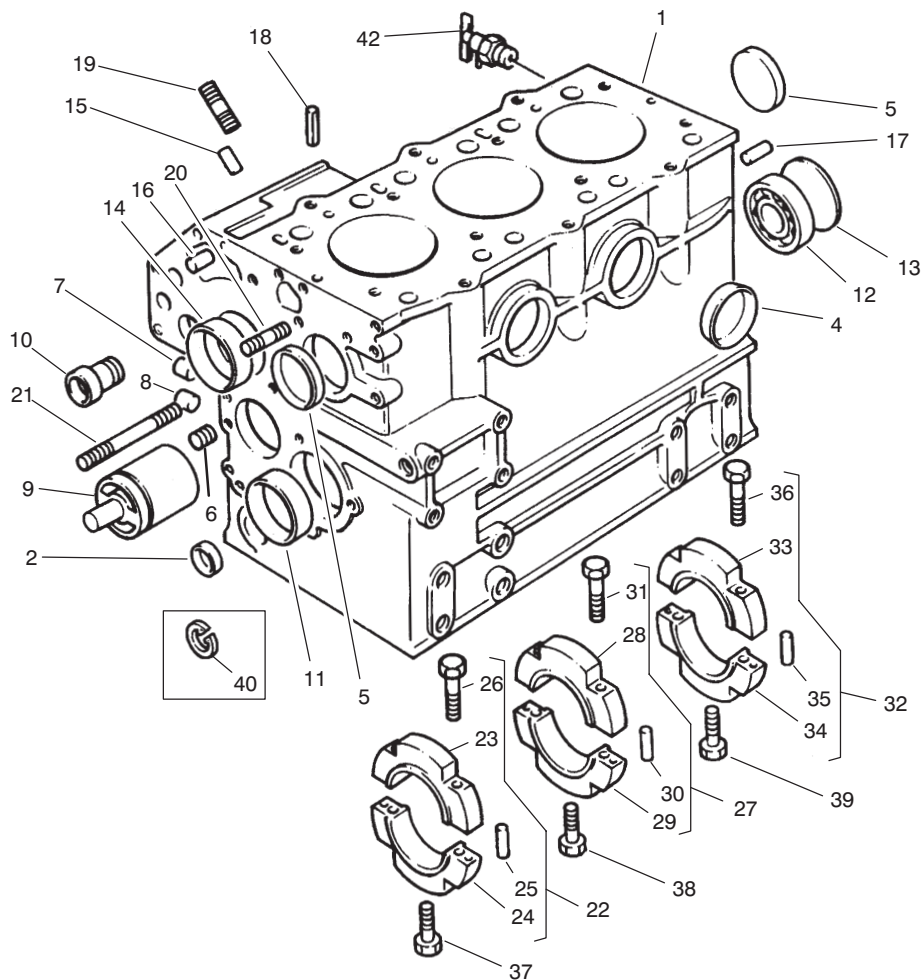
BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



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.



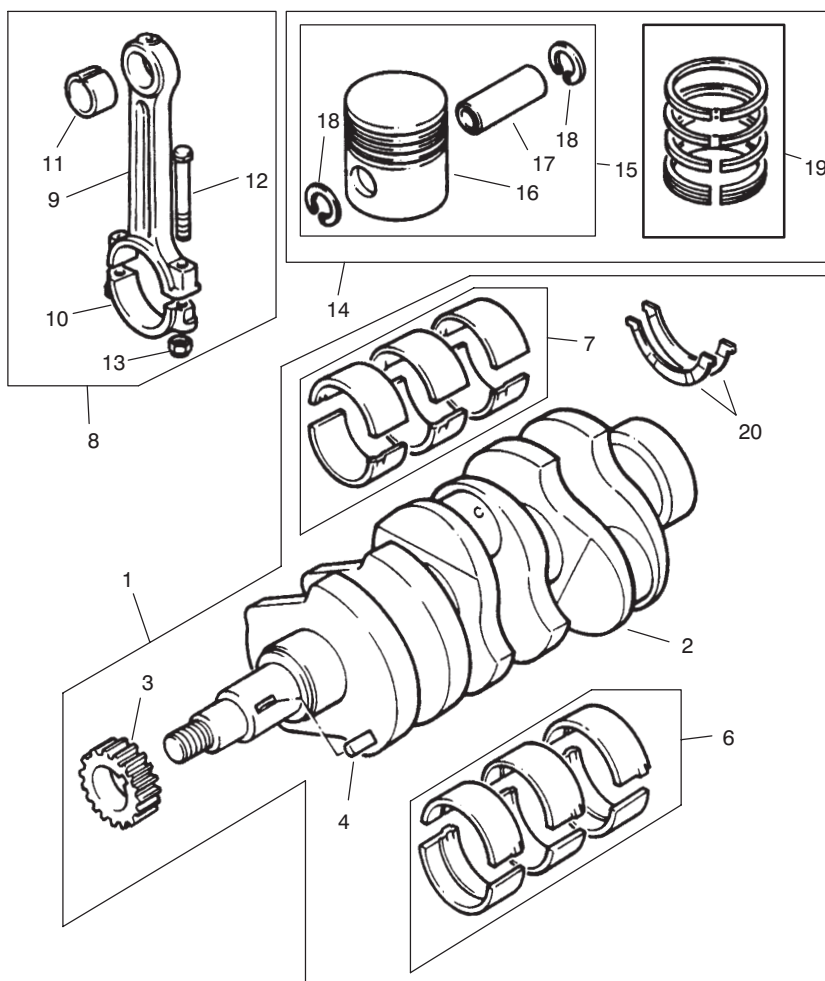
T-1377A

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



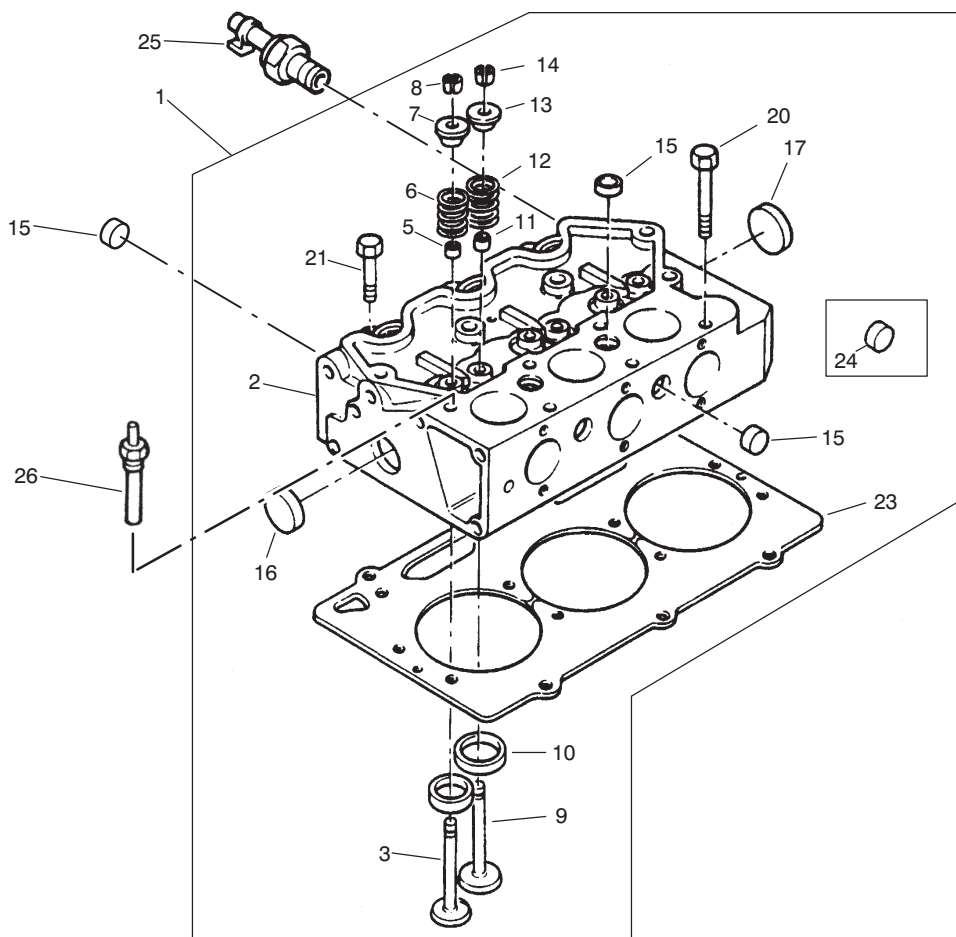
T-1378

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



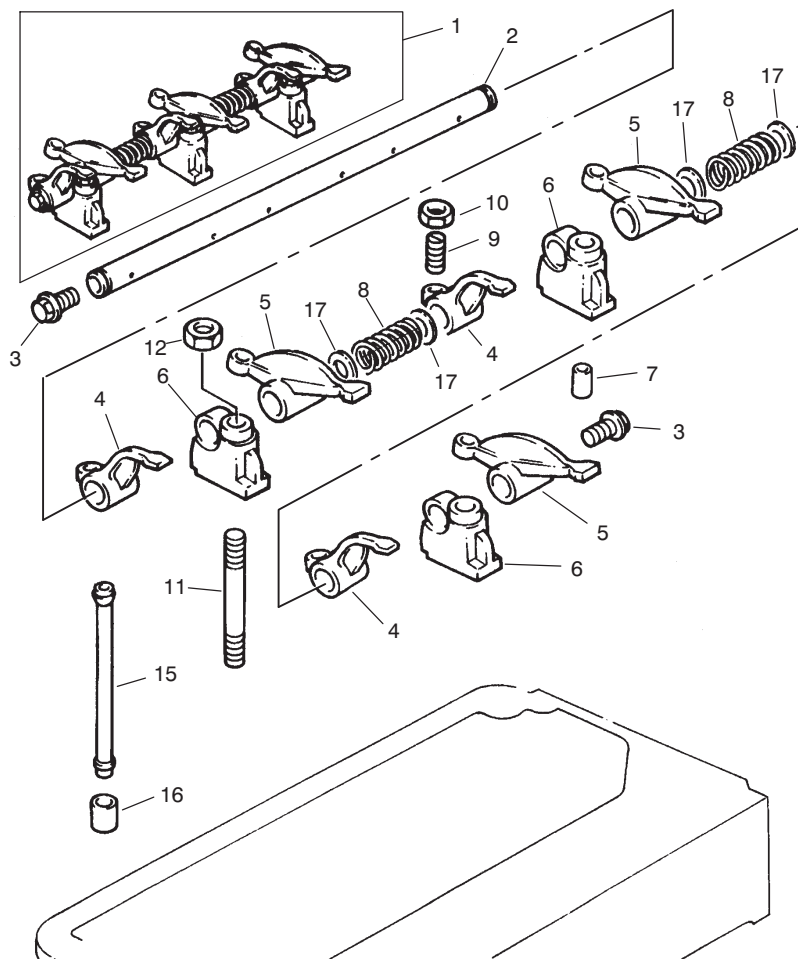
T-1379

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

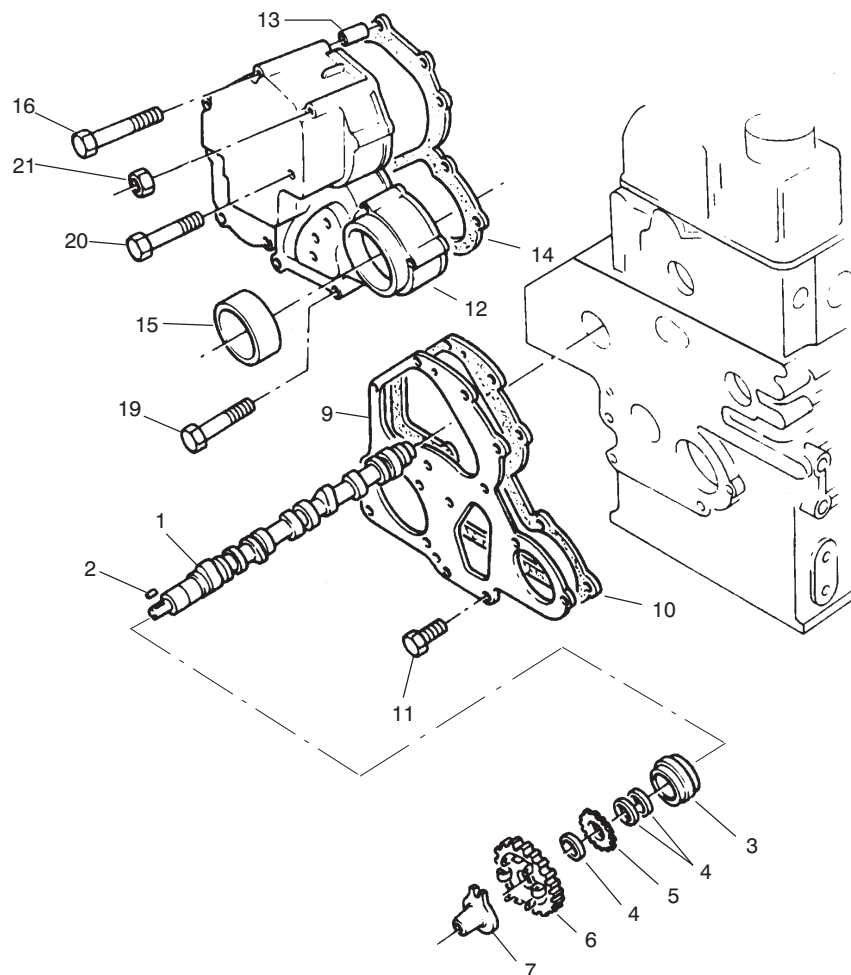


T-1380

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.

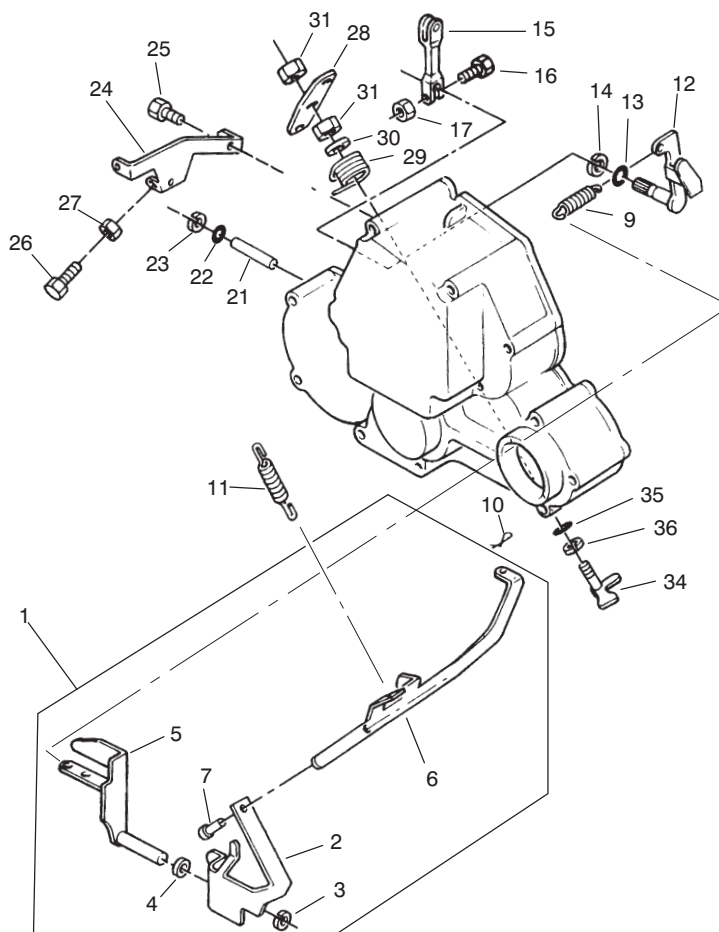


T-1381

CAMSHAFT ASSEMBLY

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

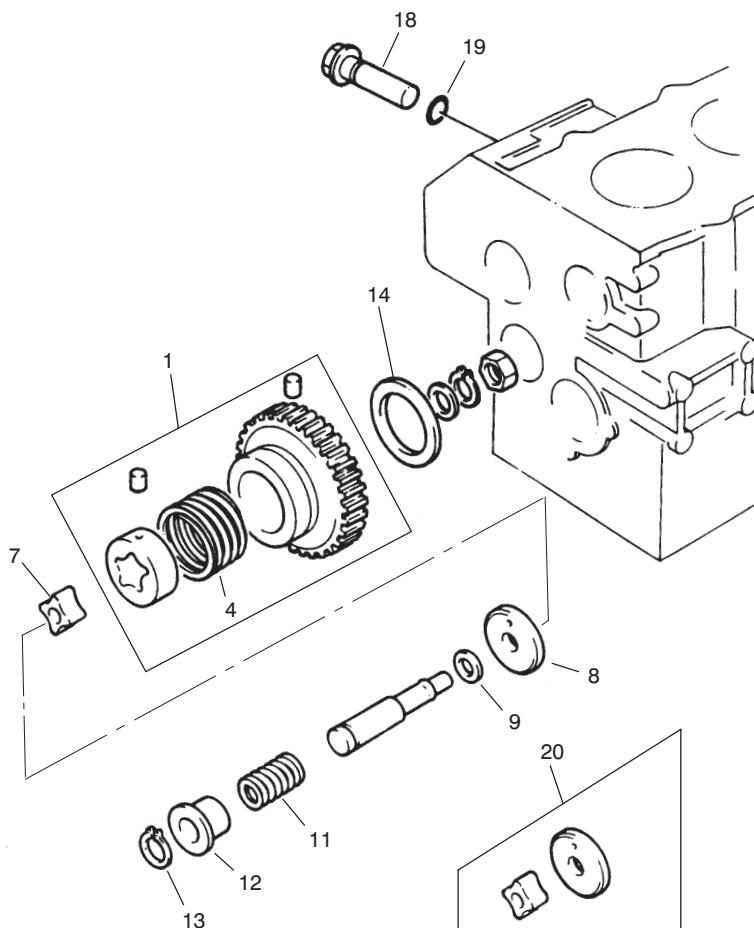


T-1382

TIMING COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	125046140	Lever (Incl. Ref. #2, 6 & 7)	1	17	023100006	Nut	1
2		Lever	1	21	125116130	Shaft	1
3	036800008	Circlip	1	22	052100030	Seal — O—Ring	1
4	026200010	Washer	1	23	036800005	Circlip	1
5	125406071	Lever	1	24	125976120	Stay	1
6		Link	1	25	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.



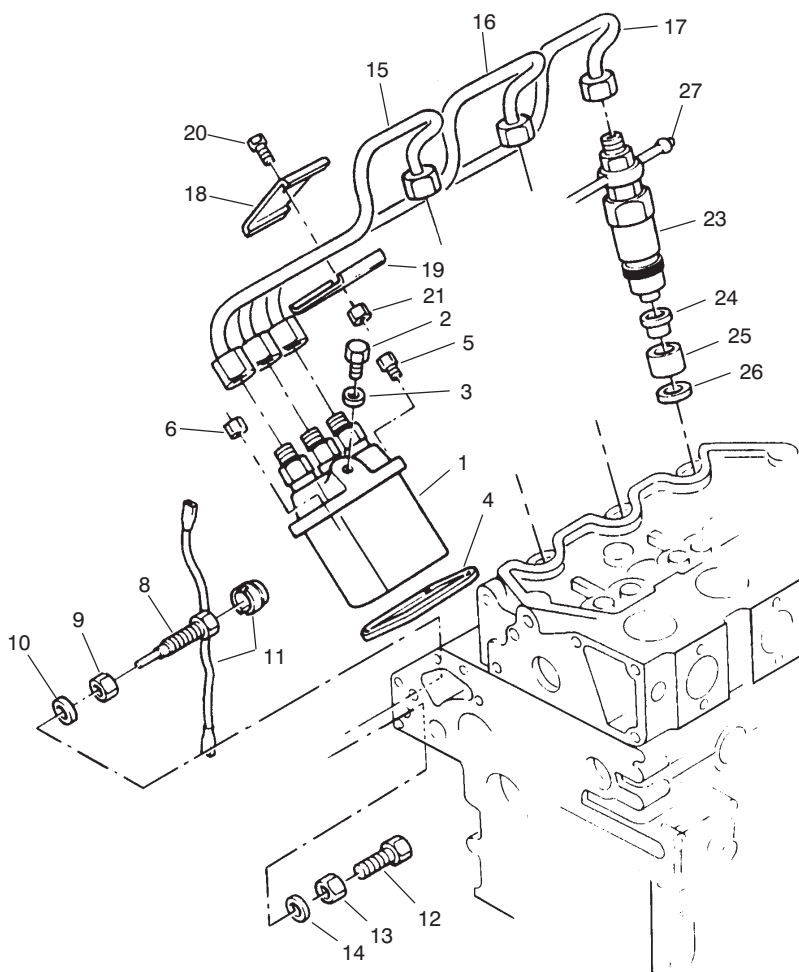
T-1383

OIL PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	165026110	Gear	1	11	198216720	Spring	1
4	198216821	Spring	1	12	199236540	Collar	1
7	140166130	Rotor	1	13	036800010	Circlip	1
8	140116140	Cover	1	14	199266180	Washer	1
9	199286150	Shim, 0.10mm o/s	1	18	140036111	Valve	1
*	199286160	Shim, 0.15mm o/s	1	19	052100150	Seal — O—Ring	1
*	199286170	Shim, 0.20mm o/s	1	20	140186010	Repair Kit	1
*	199286180	Shim, 0.50mm o/s	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



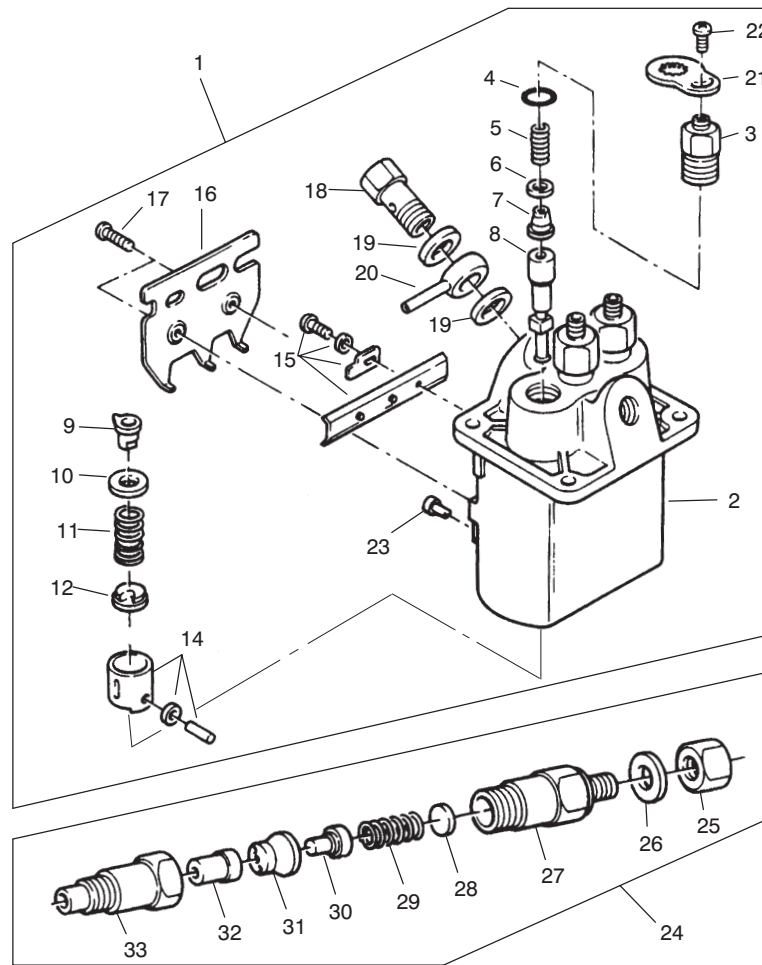
T-1384

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



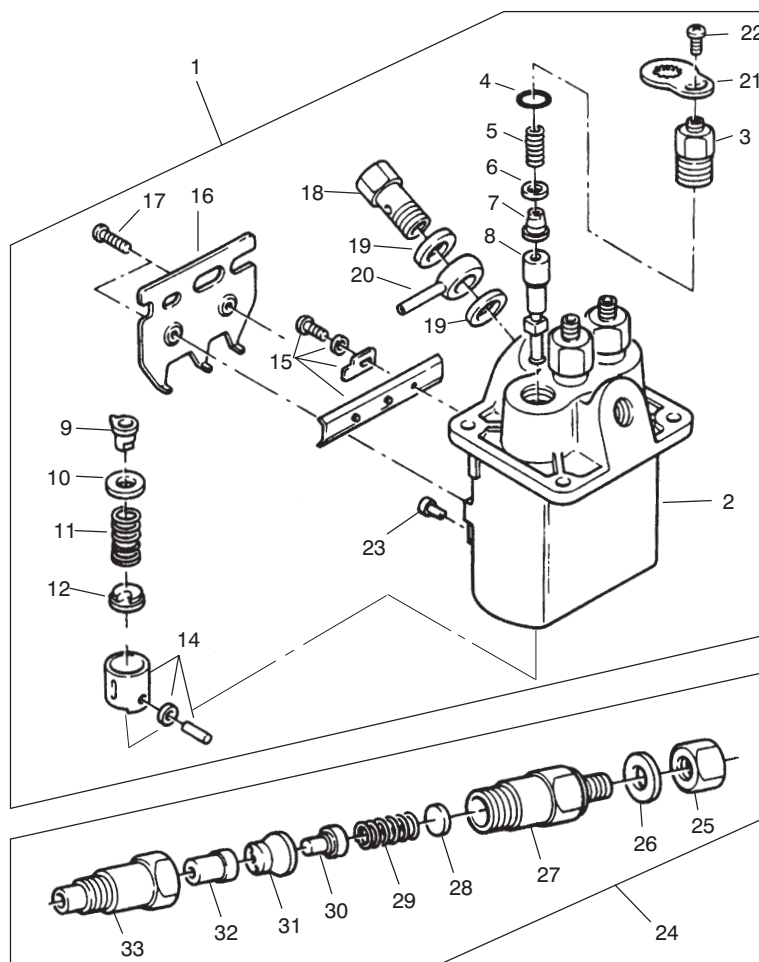
T-1385

INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	131017390	Injection Pump	1	14	131256120	Tappet	3
2	131296665	Housing	1	15	131296636	Rack	1
3	131196130	Holder	3	16	131296650	Bracket	1
4	131226170	Seal — O—Ring	3	17	131136320	Screw	2
5	131176430	Spring	3	18	131236190	Bolt	1
6	131186100	Gasket	3	19	131246180	Washer	2
7	131156160	Valve	3	20	131246130	Nipple	1
8	131116410	Element	3	21	131296662	Plate	3
9	131296638	Sleeve	3	22	131136330	Screw	3
10	131296620	Seat	3	23	131296651	Pin	3
11	131176440	Spring	3	24	131406340	Atomiser	3
12	131296621	Seat	3	25	131446069	Nut	1
*	131296622	Plate, 1.85mm o/s	1	26	131426210	Washer	1
*	131296623	Plate, 1.90mm o/s	1	27	131446065	Body	1
*	131296624	Plate, 1.95mm o/s	1	28	131437250	Shim, 0.90mm o/s	1
*	131296625	Plate, 2.00mm o/s	1	*	131437251	Shim, 0.925mm o/s	1
*	131296626	Plate, 2.05mm o/s	1	*	131437252	Shim, 0.95mm o/s	1
*	131296627	Plate, 2.10mm o/s	1	*	131437253	Shim, 0.975mm o/s	1
*	131296628	Plate, 2.15mm o/s	1	*	131437354	Shim, 1.00mm o/s	1
*	131296629	Plate, 2.20mm o/s	1	*	131437255	Shim, 1.025mm o/s	1
*	131296630	Plate, 2.25mm o/s	1	*	131437256	Shim, 1.05mm o/s	1
*	131296631	Plate, 2.30mm o/s	1	*	131437257	Shim, 1.075mm o/s	1
*	131296632	Plate, 2.35mm o/s	1	*	131437258	Shim, 1.10mm o/s	1
*	131296633	Plate, 2.40mm o/s	1	*	131437259	Shim, 1.125mm o/s	1
*	131296634	Plate, 2.45mm o/s	1	*	131437260	Shim, 1.15mm o/s	1
*	131296635	Plate, 2.50mm o/s	1	*	131437261	Shim, 1.175mm o/s	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



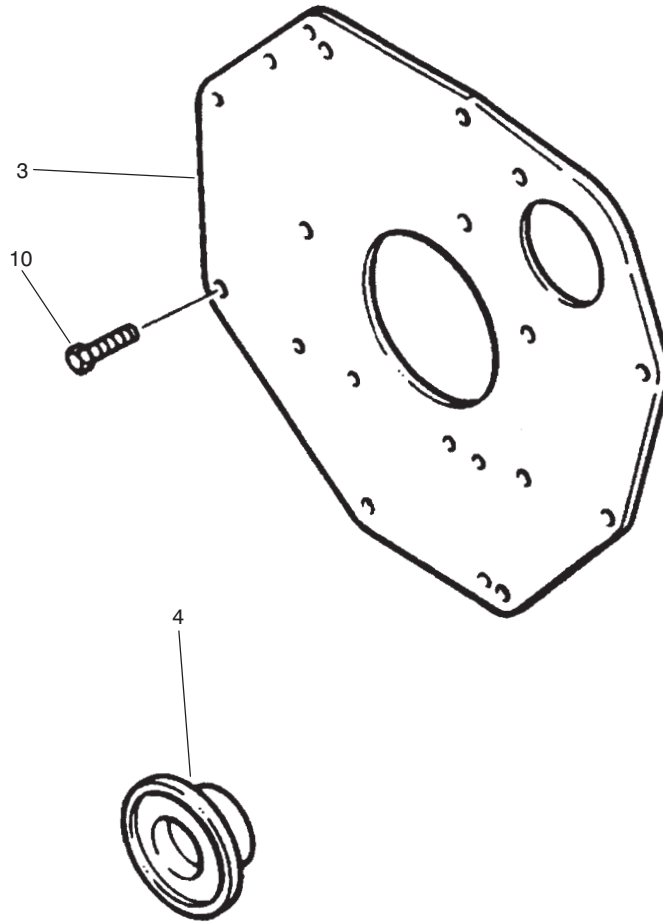
T-1385

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



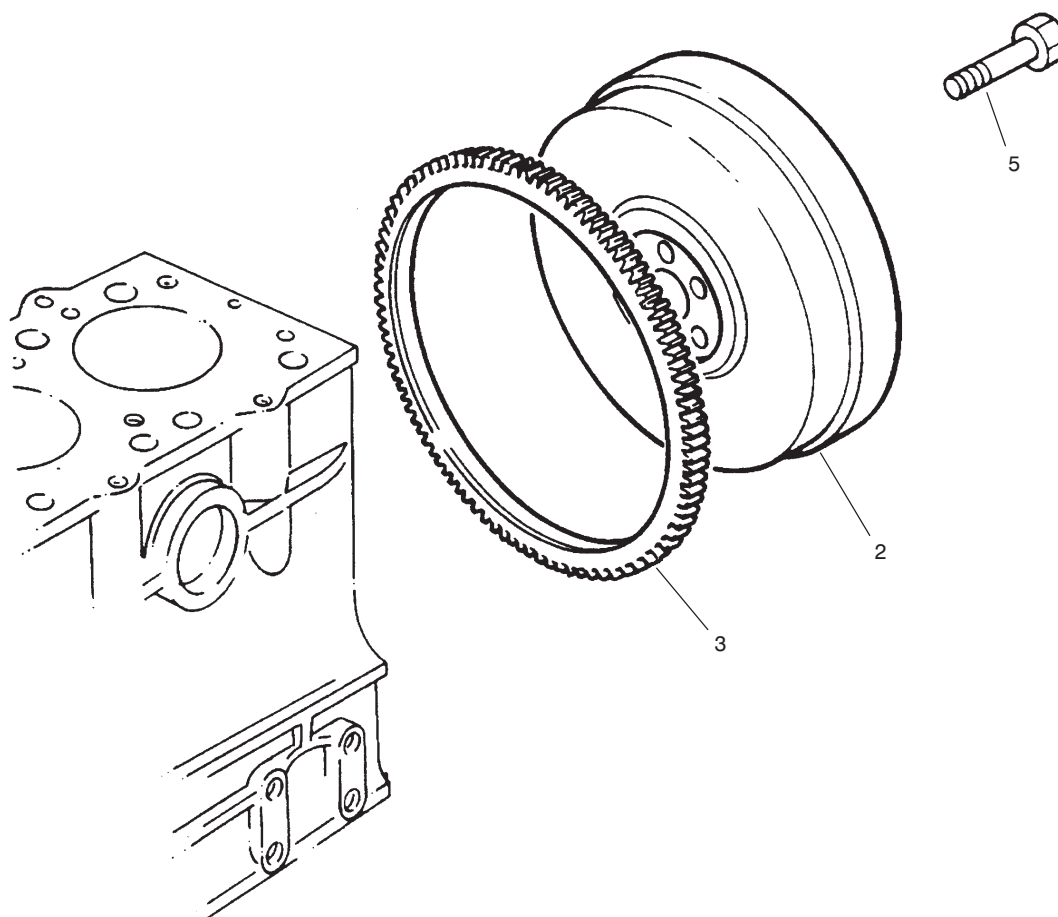
T-1386

REAR PLATE & SEAL

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

Ref. No.	Part No.	Description	No. Used
10	011310816	Screw	10

NOTE: Obtain replacement parts from your local Perkins Dealer.



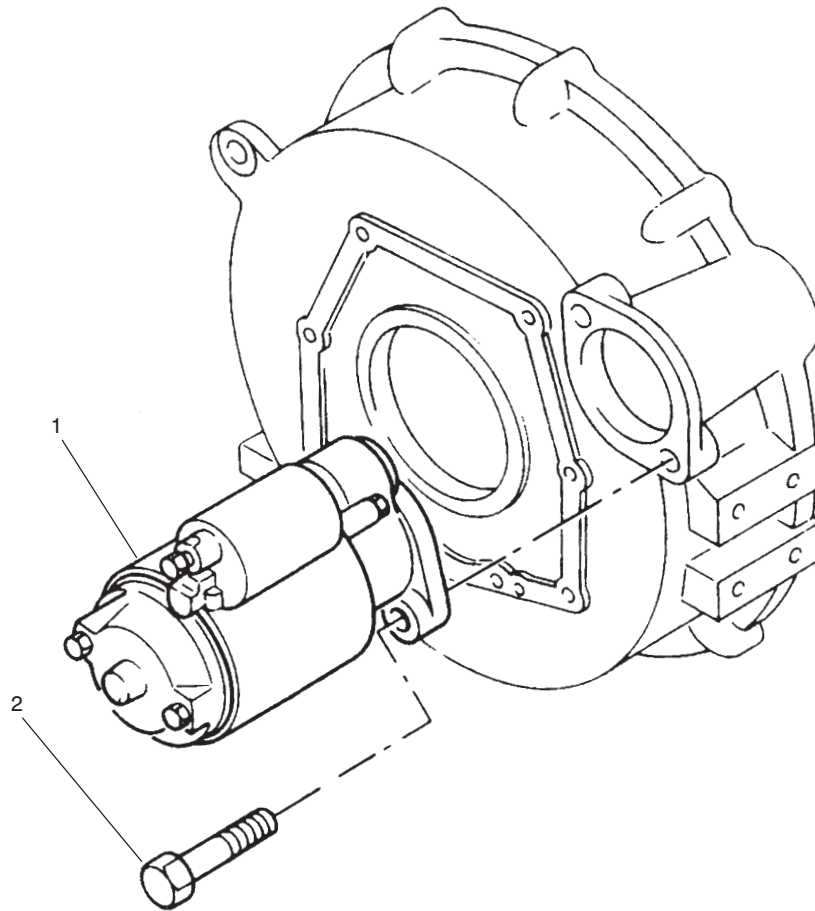
T-1387

FLYWHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	115356921	Flywheel	1
3	115376150	Gear – Ring	1

Ref. No.	Part No.	Description	No. Used
5	010109330	Screw	4

NOTE: Obtain replacement parts from your local Perkins Dealer.



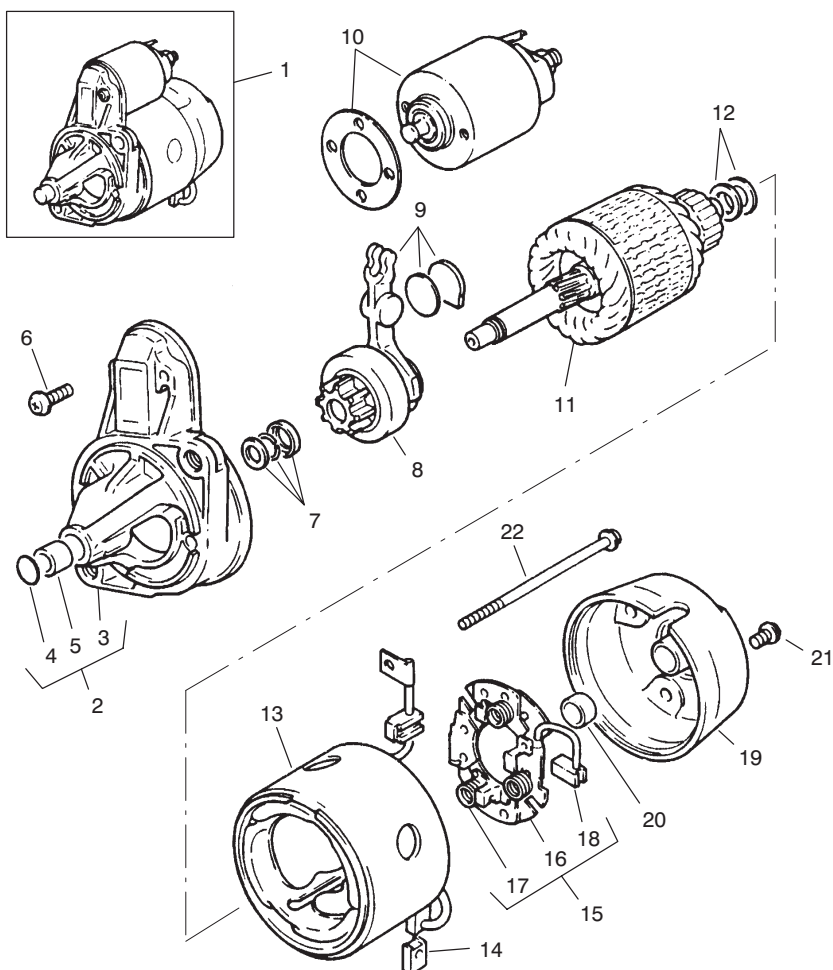
T-1388

STARTER INSTALLATION ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

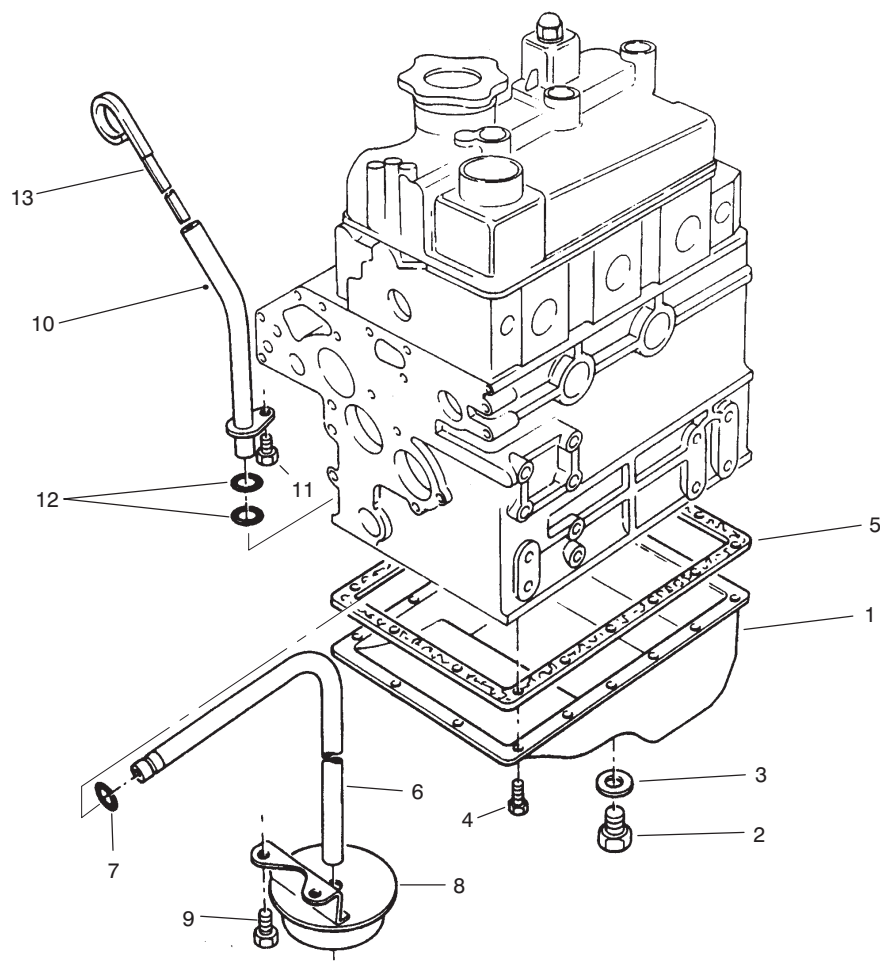


T-1389

STARTER ASSEMBLY

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



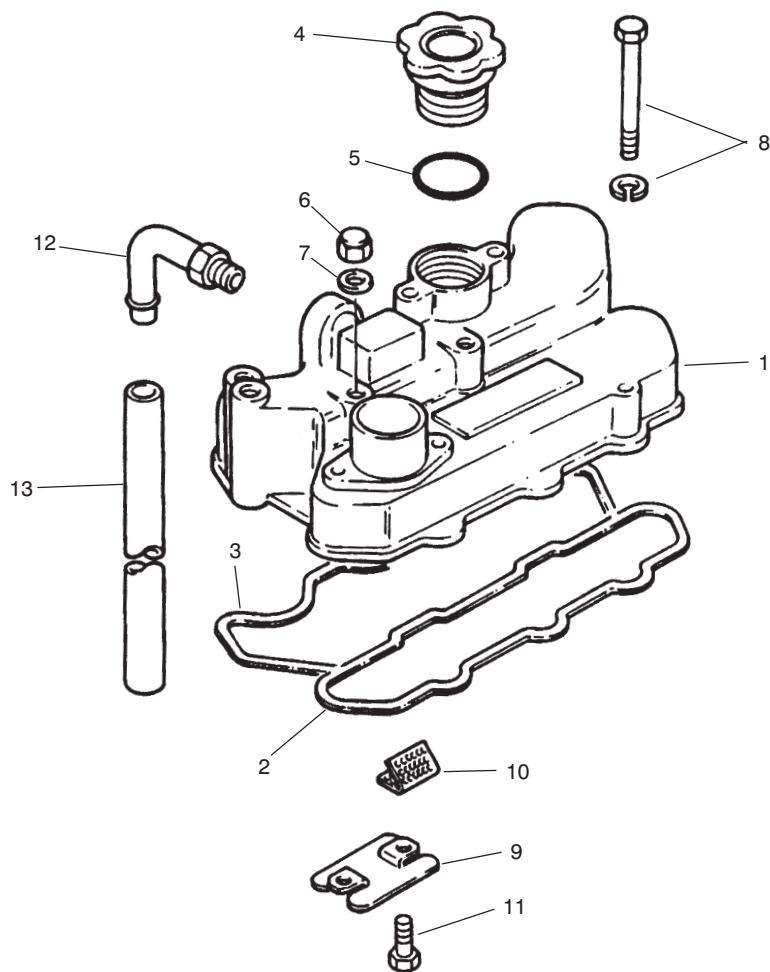
T-1390A

OIL SUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	110706860	Sump	1	8	140406310	Strainer	1
2	010401212	Plug	2	9	011300612	Bolt	2
3	025100012	Washer	2	10	110756380	Tube	1
4	010109235	Screw	18	11	011300812	Screw	1
5	110996590	Gasket	1	12	052100100	Seal — O—Ring	2
6	140986590	Pipe	1	13	198416371	Dipstick	1
7	052100110	Seal — O—Ring	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated



T-1391

VALVE COVER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	111026370	Cover	1
2	111996330	Gasket	1
3	111996060	Gasket	1
4	198436010	Cap	1
5	052100400	Seal	1
6	024500008	Nut	3
7	198996060	Washer	3

Ref. No.	Part No.	Description	No. Used
8	011300650	Screw	2
9	110666110	Plate	1
10	110666120	Gauze	1
11	011300612	Bolt	2
12	110986500	Pipe	1
13	068122560	Hose	1

NOTE: Obtain replacement parts from your local Perkins Dealer.

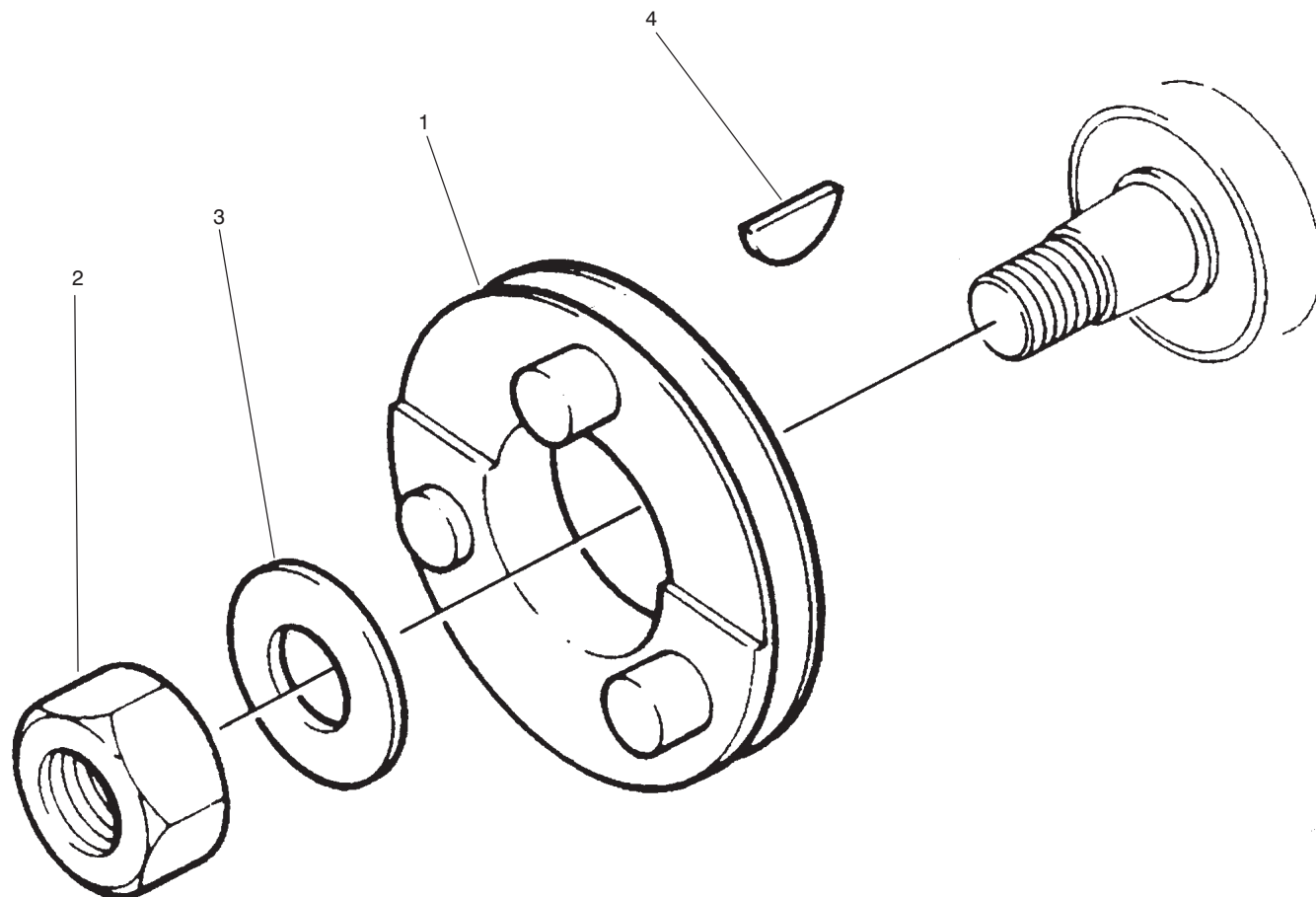
*Not Illustrated



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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



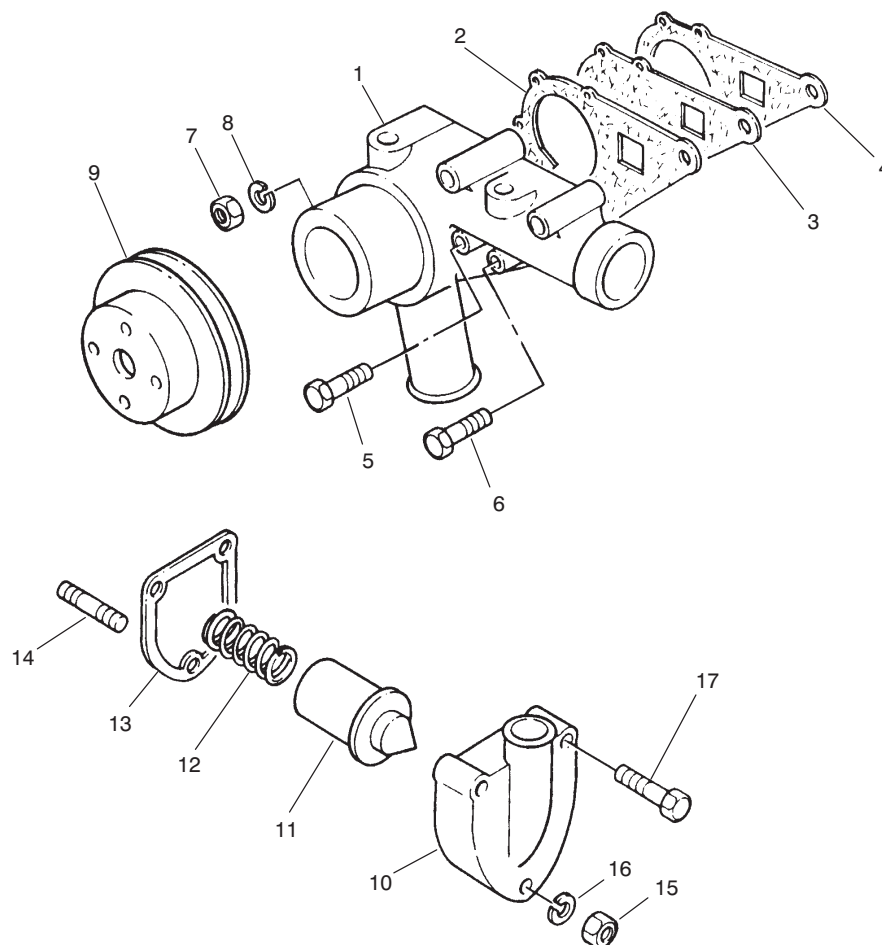
T-1393

FRONT DRIVE PULLEY ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

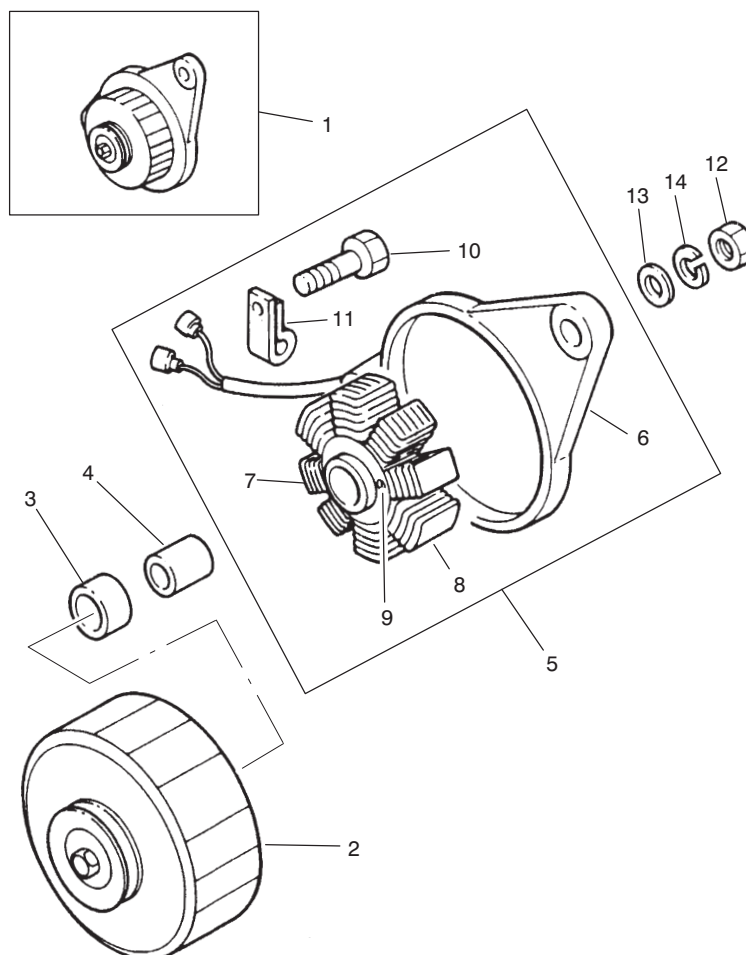


T-1394

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	145016840	Pump – Water	1	10	145216161	Housing	1
2	145996430	Gasket	1	11	145206062	Thermostat	1
3	145146270	Backplate	1	12	198217410	Spring	1
4	145996420	Gasket	1	13	145996440	Gasket	1
5	011300635	Screw	3	14	012100650	Stud	1
6	011300650	Screw	4	15	023100006	Nut	1
7	023100006	Nut	1	16	027100006	Washer	1
8	027100006	Washer	1	17	011300650	Screw	2
9	145336490	Pulley	1				

NOTE: Obtain replacement parts from your local Perkins Dealer.

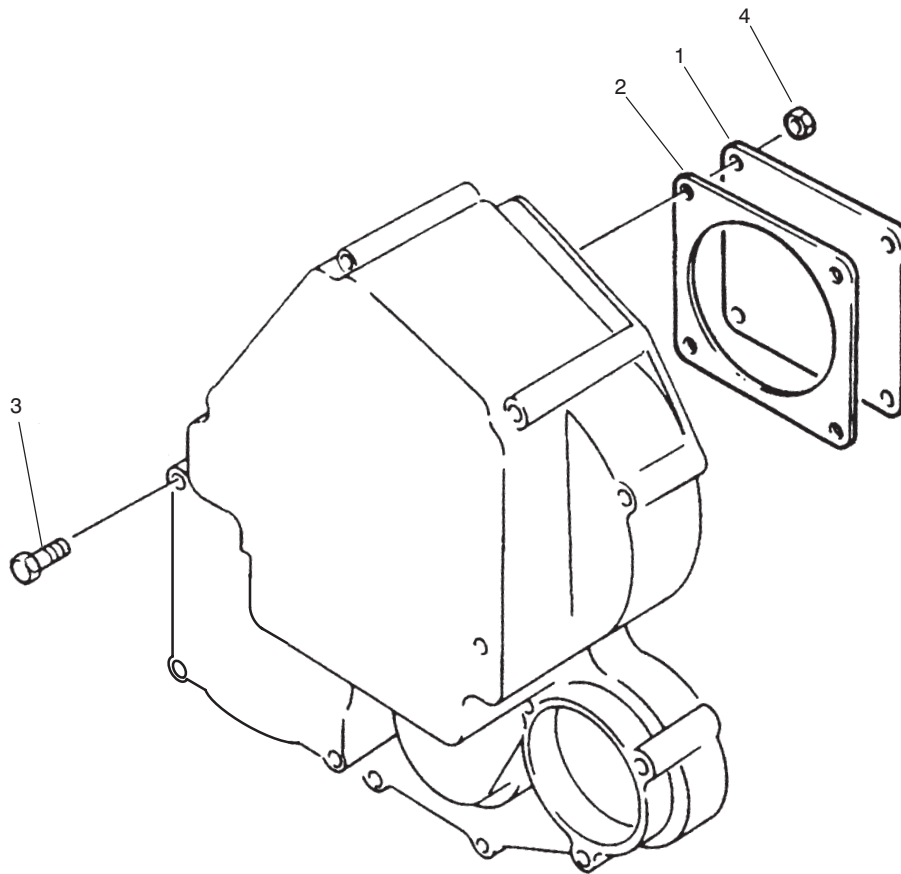


T-1397

ALTERNATOR ASSEMBLY

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



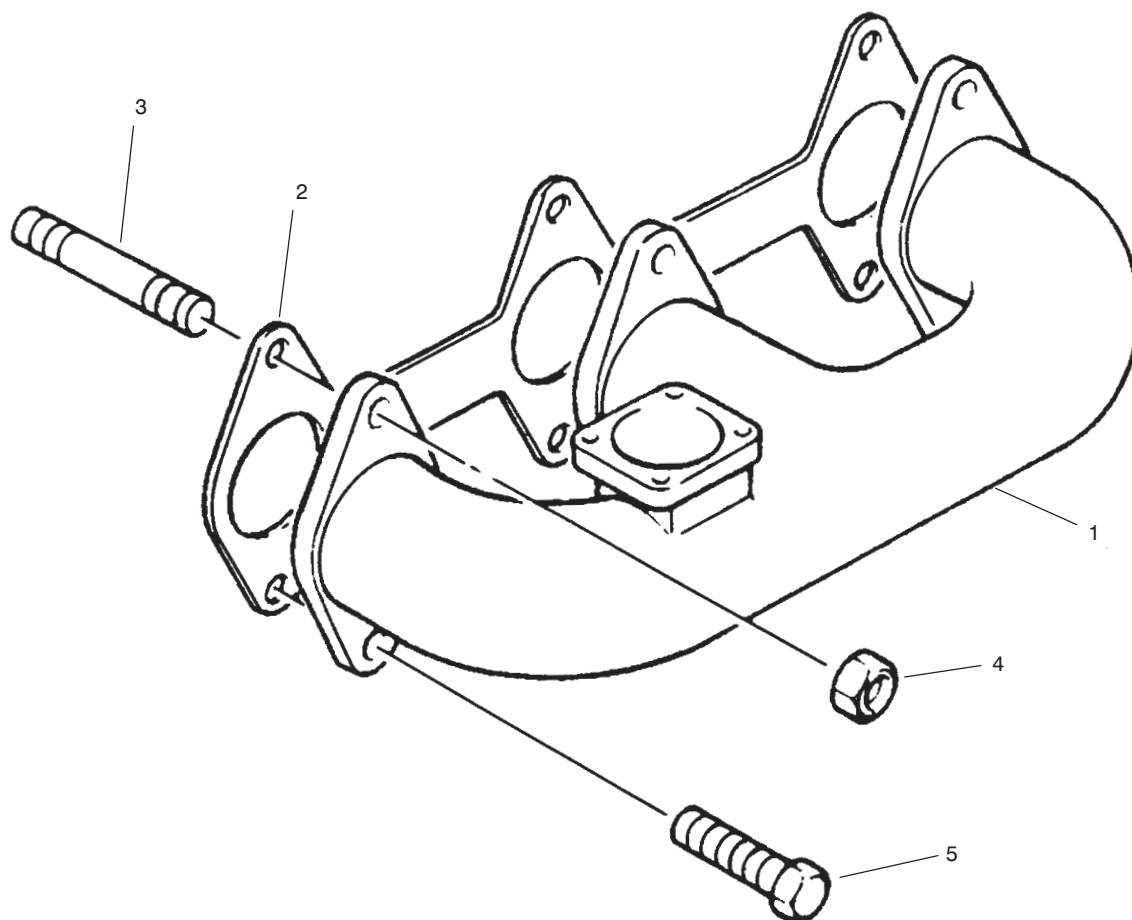
T-1398

TIMING COVER PLATE ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



T-1399

EXHAUST MANIFOLD ASSEMBLY

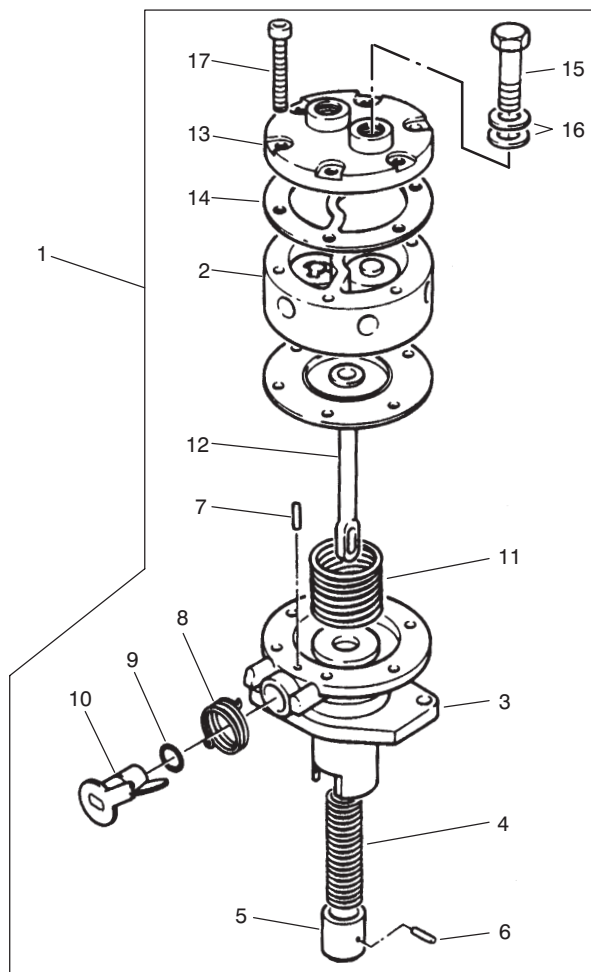
Ref. No.	Part No.	Description	No. Used
1	135616630	Manifold – Exhaust	1
2	135996520	Gasket	1
3	012110625	Stud	3

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

LOW PRESSURE FUEL SYSTEM ASSEMBLY

NOTE: Obtain replacement parts from your local Perkins Dealer.

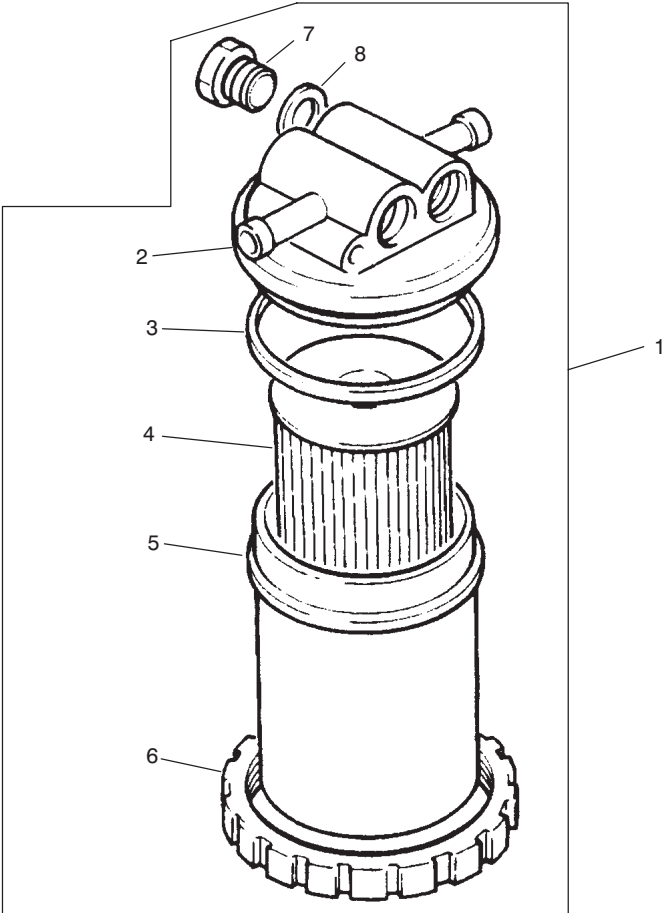


T-1401

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.

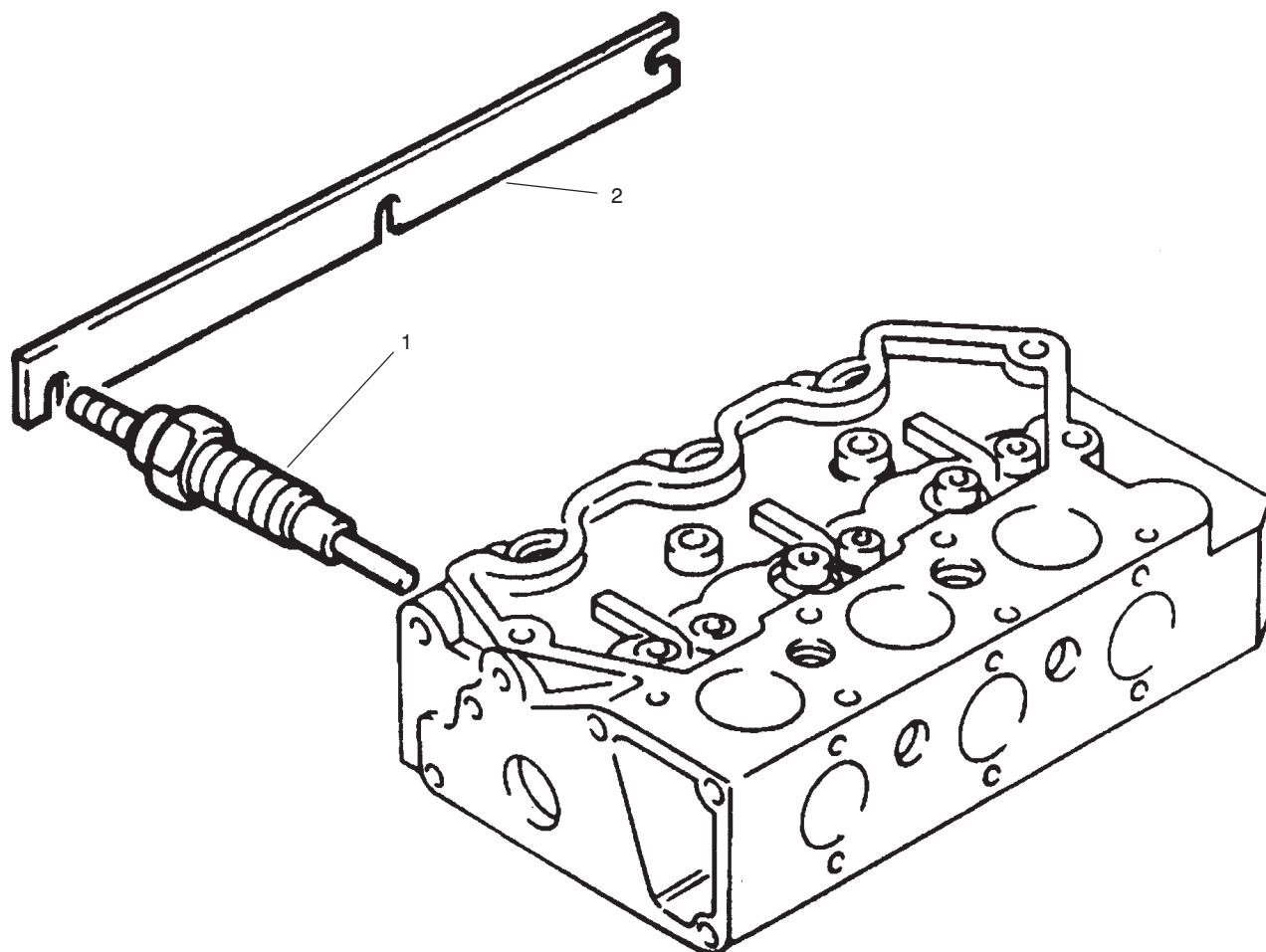


T-1402

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.



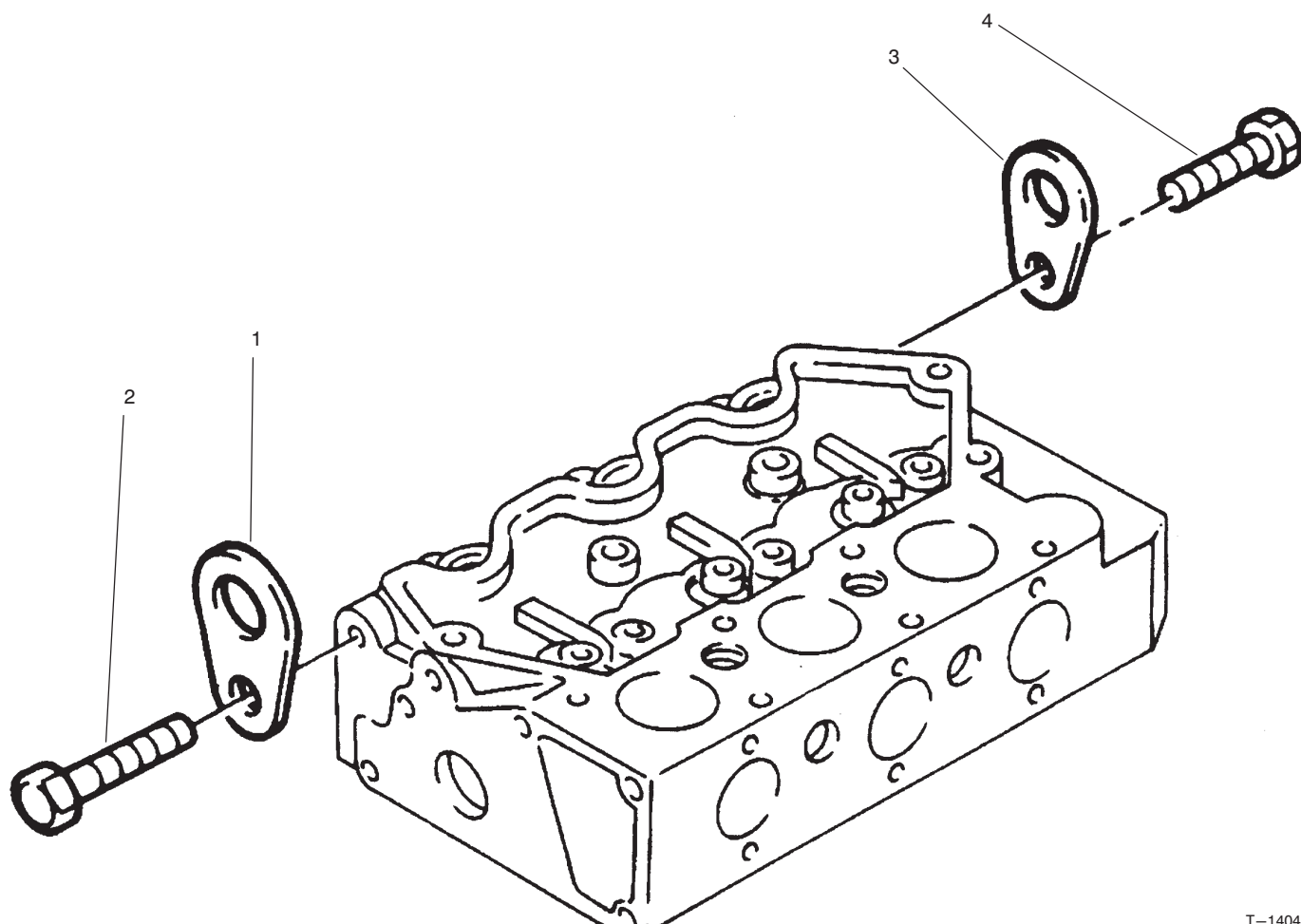
T-1403

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.



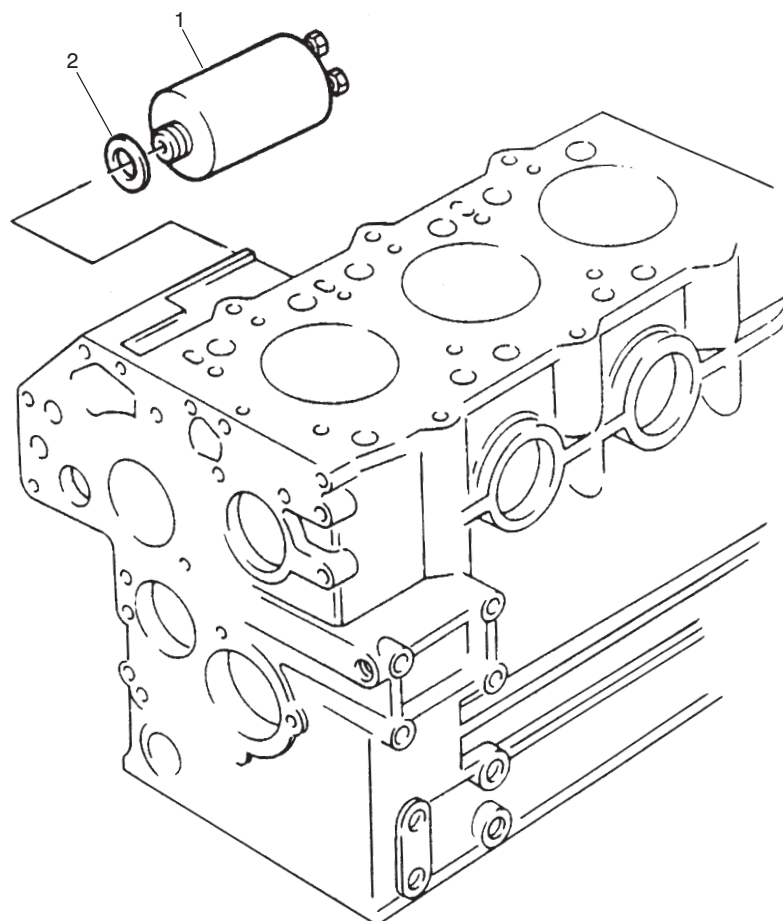
T-1404

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.



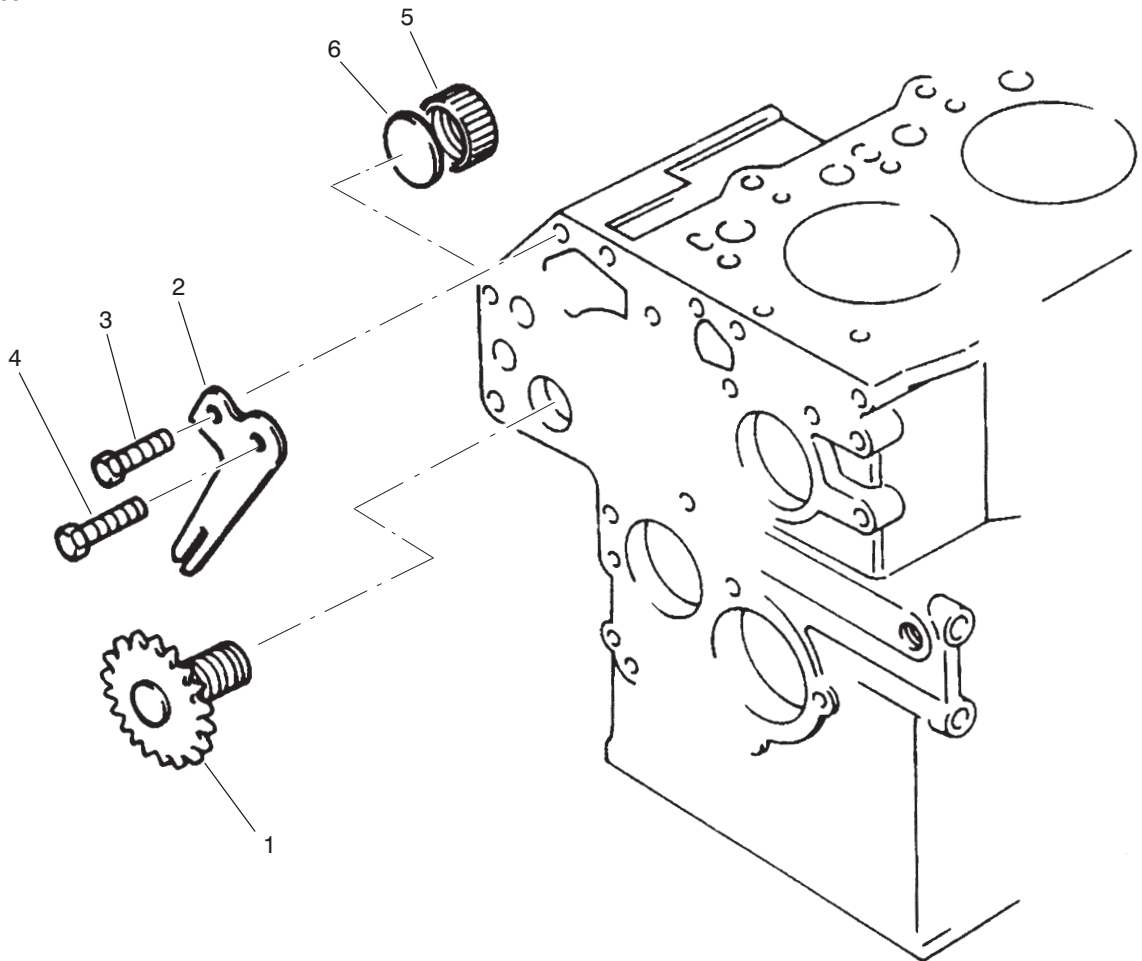
T-1405

THROTTLE STOP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	185206081	Solenoid	1

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

NOTE: Obtain replacement parts from your local Perkins Dealer.



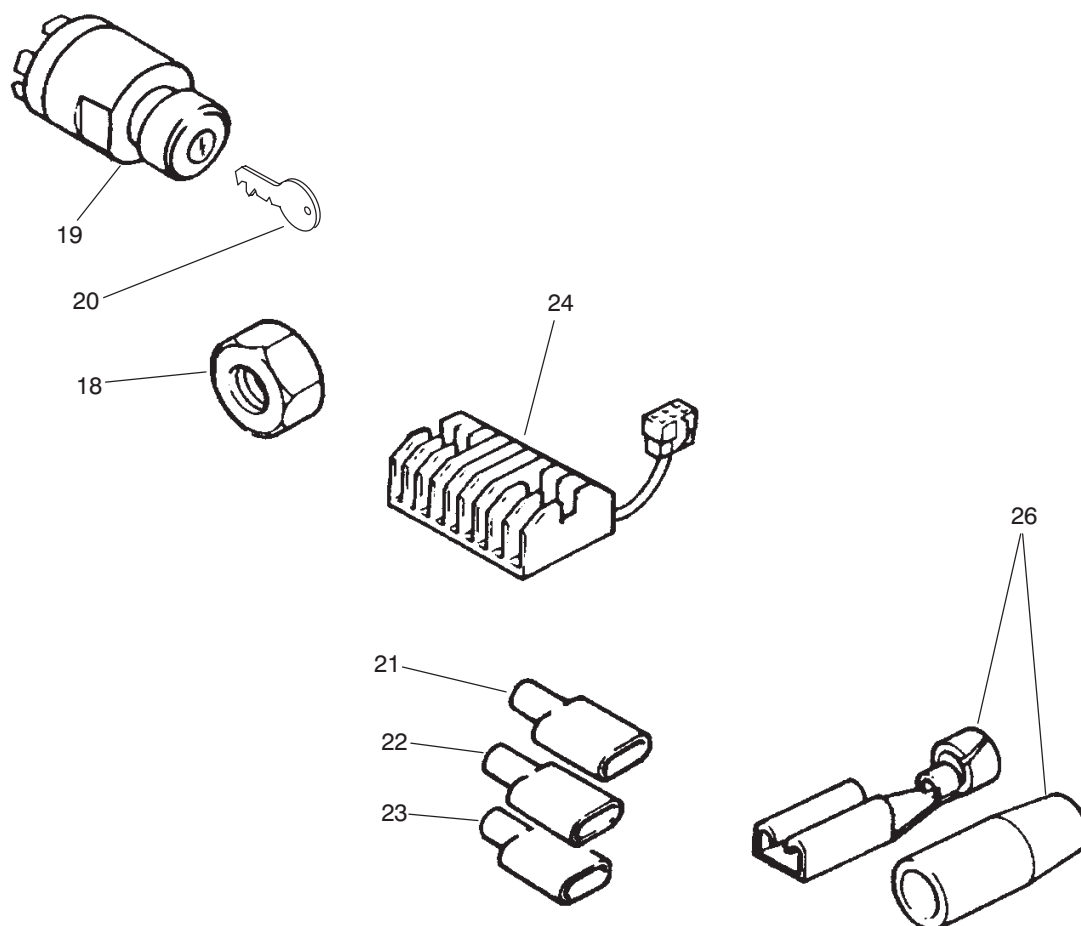
T-1406

RECORDER ASSEMBLY

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

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

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



T-1407A

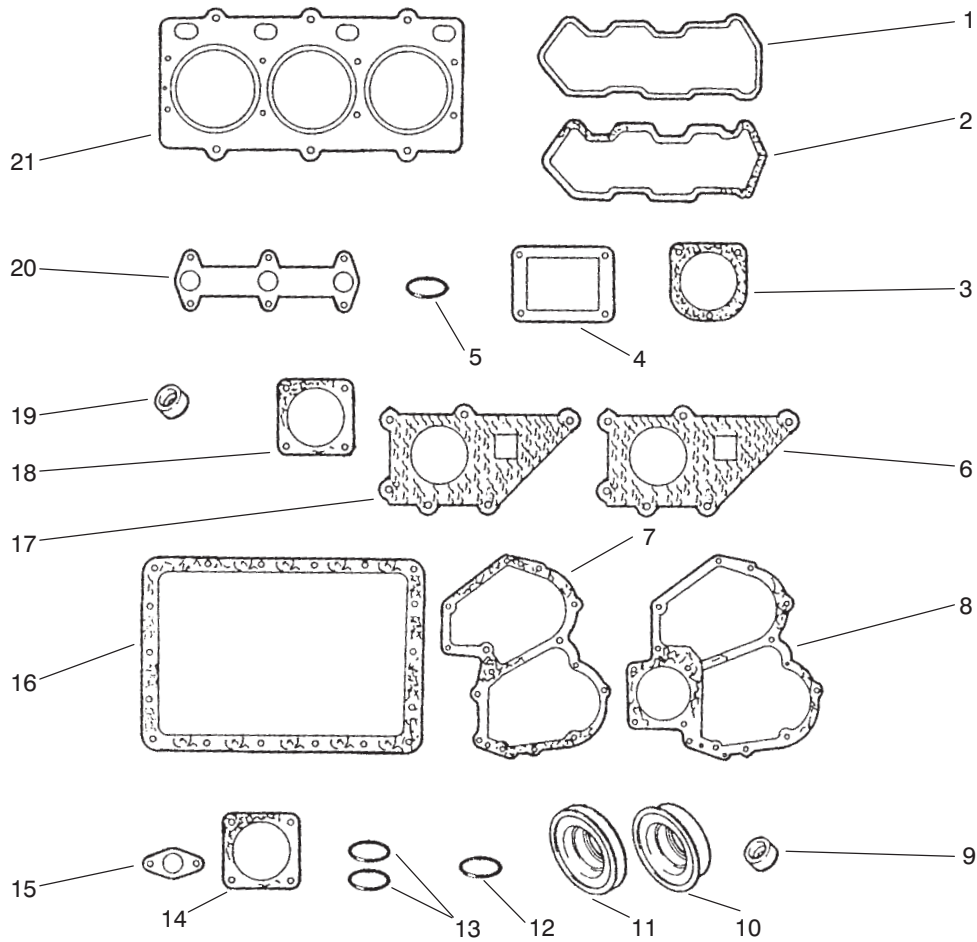
ELECTRICAL COMPONENT ASSEMBLY

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

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



T-1970

GASKET AND SEALS

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

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

NOTE: Obtain replacement parts from your local Perkins Dealer.

*Not Illustrated

TORO PART NUMBER INDEX

3317—893

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

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TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
61-3830	Chain - Lift	30 33 2	75-2160	Bushing - Flange	9 2 2
61-3990	Parking Brake Assembly	16 5 1	75-4703	Hose - Fuel	36 15 1
61-7250	Boot	32 6 4	75-4703	Hose - Fuel	23 25 1
62-4290	O-Ring	13 44 2	75-6820	Hourmeter	7 3 1
62-7170	Spacer	3 43 1	75-7730	Spacer	35 2 1
62-7240	Cover - Spring	33 2 1	76-0020	Hydraulic Cylinder Assembly	30 37 1
62-7250	Boot	33 18 2	76-0030	Repair Kit	31 * 1
62-7300	Chain	33 3 1	76-0040	Piston	31 8 1
62-7400	Decal - TORO	1 1 1	76-0050	Ring - Retaining	31 12 1
62-9130	Grip - Handle	2 9 1	76-0090	Head	31 3 1
62-9510	Washer - Flat	23 50 1	76-0300	Housing - Bushing	34 12 1
63-1400	Guide - Cable	30 28 1	76-0350	Housing - Bushing	34 2 1
63-7620	Hose - Fuel	36 5 1	76-0360	Cup - Retainer	34 6 1
63-7620	Hose - Fuel	23 18 1	76-0370	Bolt - Shoulder	33 12 2
63-8140	Pulley - Idler	23 3 1	76-0370	Bolt - Shoulder	32 27 2
63-8410	Washer - Flat	11 10 3	76-0390	Spacer	34 15 1
63-8410	Washer - Flat	36 17 3	76-0410	Spring - Compression	34 7 1
65-4500	Seal - Snap Ring	18 14 1	76-1420	Wheel - Steering	9 10 1
65-4550	Valve - Check Ball	18 6 2	76-2200	Footrest - Traction	2 12 1
65-4560	Plug - Hex (Hollow)	18 3 1	76-2260	Pad - Footrest	2 11 1
65-4570	Seal - Square Ring	18 4 2	76-2260	Pad - Footrest	6 16 1
65-4580	Screw - Cap Hex Hd.	18 1 8	76-2320	Shaft	31 4 1
65-4590	Ring - Snap	18 21 1	76-2330	Nut - Lock	31 5 1
65-4600	Washer - Thrust	18 19 2	76-2350	Seal/Retainer Assembly	18 * 1
65-4610	Bearing - Thrust	18 20 1	76-2360	Body Seal Kit	18 * 1
65-4620	Seal - O-Ring	18 12 1	76-2430	Scraper - Pulley	32 2 2
65-4670	Body & Bearing Assembly	18 9 1	76-2460	Bearing Assembly	26 7 2
65-4680	Cover & Bearing Assembly	18 2 1	76-6471	Trim - Control Panel Bottom	3 41 1
65-8270	Washer	23 57 1	77-3100	Decal - Warning	10 4 1
65-8320	Bar - Height-Of-Cut	37 1 1	80-4090	Hose - Hydraulic	20 5 2
66-2920	Spacer	15 36 1	80-4090	Hose - Hydraulic	35 14 2
66-3240	Cap - Radiator	10 9 1	80-6980	Latch - Hood	7 12 1
66-5291	Hydraulic Motor Assembly	35 24 1	80-6990	Washer	30 18 5
66-5291	Hydraulic Motor Assembly	16 30 2	80-7345	Hose	7 29 1
66-6110	IGR Assembly	18 5 1	81-1690	Clamp - Throttle Cable	23 21 1
67-0870	Bolt - Shoulder	2 6 1	82-3110	Sensor - Warning Lights	23 16 1
67-5360	Decal - Danger	4 57 1	83-7260	Cone - Relief Valve	13 18 2
67-8020	Shaft - Pump	13 6 1	83-7270	Fork - Caster	35 10 1
67-8030	Plug Assembly	13 19 2	83-7550	Radiator Assembly	10 35 1
67-8040	O-Ring	13 20 2	83-7590	Pulley - Engine	23 55 1
67-8050	Bearing - Needle	13 22 1	83-7610	Hub - Fan	23 44 1
67-8060	Seal - Lip	13 23 1	83-7630	Pulley - Fan	23 43 1
68-8990	Head - Oil Filter	11 19 1	83-7690	Bracket - Idler	23 5 1
69-1170	Glass - Sight	11 2 1	83-7700	Bracket - Alternator	23 34 1
69-9760	Plate - Cover	35 4 1	83-7720	Reservoir - Hydraulic	11 1 1
70-1480	Relay	7 33 1	83-7780	Bracket - Support	11 24 1
70-1480	Relay	3 39 1	83-7790	Collar	26 11 2
70-8150	Plate - Valve	18 7 1	83-7800	Sleeve	26 40 1
70-9840	Shoe - Brake	16 16 4	83-7810	Spacer	26 35 2
70-9850	Clip - Retaining	16 35 2	83-7820	Shaft - Drive	26 2 1
70-9860	Pin - Pivot Brake	16 25 2	83-7830	Retainer - Clutch	26 15 1
70-9870	Plate - Brake	16 27 2	83-7850	Shroud - Fan Bottom	10 32 1
70-9880	Spring - Extension	16 17 4	83-7900	Belt Tensioner Assembly	33 11 2
71-0710	Hydraulic Tube Assembly	20 3 1	83-7900	Belt Tensioner Assembly	32 20 2
71-0840	Hydraulic Tube Assembly	20 6 1	83-7910	Rod	34 8 1
71-1370	Spring - Compression	30 35 1	83-7930	Yoke	34 3 1
71-1380	Pin - Spring	30 34 1	83-7970	Fitting - Hydraulic Bulkhead	10 39 2
71-1500	Brake Assembly	17 * 2	83-7980	Bracket - Radiator Rear	10 12 1
71-2960	Valve - Flow Control	19 13 1	83-8040	Cover - Left	10 8 1
71-3382	Hose - Overflow	10 11 1	83-8070	Bracket - Radiator Bottom	10 18 1
72-4320	Switch - Seat	3 25 1	83-8080	Key - Square	26 38 1
74-0720	Tube - Manual	3 14 1	83-8110	Panel - Left	3 45 1
74-6110	Cam - Stop	15 35 1	83-8120	Panel - Right Rear	3 4 1
74-9100	Pad - Forward	15 11 1	83-8150	Screen - Radiator	10 17 1
74-9110	Pad - Reverse	15 13 1	83-8190	Panel - Control	3 5 1
75-0540	Tether & Retainer Assembly	11 4 1	83-8210	Panel - Front Left	10 22 1

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TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
83—8220	Bracket — Muffler	25 11 1	83—9740	Footrest — RH	2 15 1
83—8230	Panel — Right Front	3 2 1	83—9760	Bracket — Cylinder Support	30 1 1
83—8270	Pedal — Traction	15 12 1	83—9800	Shield — Grass Front L.H.	1 14 1
83—8320	Mount — Pump	12 11 1	83—9810	Bushing — Flange	26 24 1
83—8400	Pulley — Idler	26 20 1	83—9840	Pad — Footrest L.H.	1 5 1
83—8470	Bracket — Engine Mount	23 56 2	83—9880	Bracket — Fan Spindle	23 47 1
83—8510	Bracket — Fender L.H.	1 16 1	83—9920	Bracket — Reservoir	11 13 1
83—8550	Hose — Air Cleaner	3 49 1	83—9970	Latch — Hood	1 3 1
83—8550	Hose — Air Intake	23 13 1	84—1650	Decal — Brake	1 12 1
83—8590	Cable — Lift	30 19 1	84—1990	Rod — Adjusting	16 32 2
83—8620	Bracket — Idler	26 18 1	84—2000	Bracket — Brake	16 29 2
83—8630	Yoke — Belt Tension	26 22 1	84—7120	Decal — Service (Danish)	4 50 1
83—8720	Tank — Fuel	36 13 1	84—7130	Decal — Service (Dutch)	4 50 1
83—8760	Rod — Control	15 20 1	84—7140	Decal — Service (Finnish)	4 50 1
83—8770	Lever — Pump	15 23 1	84—7150	Decal — Service (French)	4 50 1
83—8850	Grille — Front	1 25 1	84—7160	Decal — Service (German)	4 50 1
83—8860	Shield — Grass Front R.H.	1 23 1	84—7170	Decal — Service (Italian)	4 50 1
83—8890	Decal — Reelmaster 216—D	3 19 2	84—7180	Decal — Service (Japanese)	4 50 1
83—8900	Decal — Service Information	3}50 1	84—7190	Decal — Service (Norwegian)	4 50 1
83—9000	Battery	36 6 1	84—7200	Decal — Service (Spanish)	4 50 1
83—9020	Belt — V	23 38 1	84—7210	Decal — Service (Swedish)	4 50 1
83—9030	Foam — Top	10 36 1	84—7770	Field & Rotor Assembly	27 1 1
83—9050	Hose — Radiator	10 34 1	84—7780	Armature Assembly	27 2 1
83—9060	Hose — Radiator	10 28 1	84—8440	Bushing — Flange	30 11 2
83—9070	Hose — Coolant	23 11 1	85—4870	Support — Hinge	1 20 1
83—9070	Hose — Radiator	10 31 1	85—4890	Hinge — Hood	1 24 1
83—9080	Connector — Bleed	10 30 1	85—4910	Air Cleaner (Complete)	5 * 1
83—9130	Keeper — Cable	30 27 1	85—4910	Air Cleaner Assembly	3 47 1
83—9140	Clutch Assembly	26 39 1	85—4990	Hose — Hydraulic	28 13 1
83—9150	Decal — Starting Fluid	3 10 1	85—4990	Hose — Hydraulic	28 20 1
83—9170	Right Channel Assembly	3 44 1	85—4990	Hose — Hydraulic	19 26 1
83—9210	Cable — Battery Neg.	36 8 1	85—4990	Hose — Hydraulic	30 41 1
83—9210	Cable — Ground	23 31 1	85—5000	Plate — Throttle	7 34 1
83—9220	Cable — Battery Pos.	36 7 1	85—5010	Bracket — Right Front	4 54 1
83—9220	Cable — Battery Pos.	24 66 1	85—5140	Foam — Hood	4 56 2
83—9240	Hold—Down — Battery	36 21 1	85—5160	Lever — Lift Valve	28 2 1
83—9250	Lever — Brake	16 36 2	85—5170	Sleeve	10 41 1
83—9270	Pivot — Brake L.H.	16 40 1	85—5180	Trim	4 51 2
83—9310	Pivot — Brake R.H.	16 * 1	85—5190	Hose — Hydraulic	35 36 1
83—9330	Shaft — Brake	16 41 1	85—5200	Clamp	35 34 1
83—9340	Shield — Grass	16 13 2	85—5230	Bracket — Seat Pivot	4 62 2
83—9350	Rod — Parking Brake	16 1 1	85—5270	Key — Starter	7 18 2
83—9440	Hydraulic Tube Assembly	19 2 1	85—5300	Hose — Hydraulic	19 25 1
83—9450	Tube — Hydraulic	19 19 1	85—5330	Plate — Seat Mounting	4 64 1
83—9460	Tube — Hydraulic	19 4 1	85—5340	Tube — Seat Pivot	3 7 2
83—9460	Tube — Hydraulic	20 13 1	85—6540	Stud — Drive	16 26 8
83—9470	Hydraulic Tube Assembly	19 1 1	87—6270	Socket — Warning Light	7 5 1
83—9480	Tube — Hydraulic	19 18 1	88—6720	Bracket — Radiator Front	10 33 1
83—9490	Tube — Hydraulic	19 15 1	88—6730	Bracket — Screen Front	10 44 1
83—9500	Tube — Hydraulic	19 9 1	88—8220	Valve — By—Pass	13 4 1
83—9500	Tube — Hydraulic	20 12 1	92—1157	Shaft	18 10 1
83—9550	Decal — Warning	3 11 1	92—1177	Hose — Hydraulic	28 8 1
83—9600	Hose — Hydraulic	12 7 2	92—1177	Hose — Hydraulic	10 27 1
83—9600	Hose — Hydraulic	19 21 2	92—1177	Hose — Hydraulic	24 67 1
83—9620	Hose — Hydraulic	28 12 1	92—1178	Hose — Hydraulic	12 9 1
83—9620	Hose — Hydraulic	30 42 1	92—1178	Hose — Hydraulic	11 27 1
83—9640	Hose — Hydraulic	28 14 1	92—1583	Hose — Hydraulic	10 24 1
83—9640	Hose — Hydraulic	12 27 1	92—1583	Hose — Hydraulic	12 28 1
83—9650	Hose — Hydraulic	12 1 1	92—1812	Shaft — Lift Pivot	32 28 2
83—9650	Hose — Hydraulic	11 21 1	92—1812	Shaft — Lift Pivot	33 31 1
83—9651	Hose — Hydraulic	11 14 1	92—1815	Rod — Pivot	32 16 2
83—9680	Screw — Cap Hex. Hd.	26 27 1	92—1815	Rod — Pivot	33 26 1
83—9690	Spring — Compression	26 26 1	92—1818	Arm — Tension	33 7 1
83—9700	Fender — L.H.	1 9 1	92—1818	Arm — Tension	32 32 2
83—9710	Footrest — L.H.	1 7 1	92—2373	Asm. — Frame	9 19 1
83—9720	Fender — RH	2 17 1	92—3153	Cable — Throttle	24 64 1

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
92-3153	Throttle Assembly	7 30 1	93-7717	Guard - Engine Fan	6 8 1
92-3154	Tab - Throttle	24 62 1	93-7718	Bracket - Top, Fan Guard	6 9 1
92-3162	Bushing - Flange	9 4 4	93-7719	Bracket - Front, Fan Guard	6 11 1
92-3165	Steering Shaft & Gear	9 5 1	93-7724	Shield - Footrest, RH	6 13 1
92-3172	Gear - Steering	9 16 1	93-7726	Hook	6 4 1
92-3179	Decal - Control	20 10 1	93-7840	Decal - Radiator Cap	10 48 1
92-3181	Spacer - Fan	23 42 1	94-3405	Bearing - Ball	26 8 2
92-3185	Support - Bearing	26 6 2	94-1754	Switch Assembly	15 28 1
92-3186	Belt - Pump Drive	12 21 1	94-1755	Switch	15 39 1
92-3187	Belt - Drive (Set of 3)	26 37 1	94-1776	Pin - Cylinder Guide	30 12 1
92-3194	Switch Assembly	7 24 1	94-3424	Bracket - Switch	30 4 1
92-3195	Knob	7 23 1	94-3425	Screw - Set	21 16 1
92-3196	Two-Position Valve Asm.	20 2 1	94-3426	Stop - Valve	21 13 1
92-3198	Pulley - Engine	23 48 1	94-3427	Plug Assembly	21 2 1
92-3199	Pulley - Clutch	26 36 1	94-3429	Switch Assembly	30 3 1
92-7904	Cap - Valve	21 1 1	217-60	Rim	16 21 2
92-7911	Boot	21 10 1	218-461	Nut - Hex.	3 33 2
92-7912	Retainer - Boot	21 14 1	218-469	Fuse - 15 Amp.	7 10 2
92-7913	Seal Repair Kit	21 * 1	218-489	Fuse Holder Assembly	7 9 3
92-7917	Clevis	12 25 1	218-562	Lens - Light	7 43 1
92-7918	Bracket - Lever	2 20 1	219-17	Bulb - Light	7 6 4
92-7921	Rod - Link	2 2 1	219-18	Bulb - Light	7 42 1
92-7922	Plate - Pump Pivot	12 33 1	231-127	Tire	16 20 2
92-7923	Lever - Pump Clutch	2 8 1	232-27	Valve - Stem	16 24 2
92-7924	Retainer - Belt	12 13 1	232-47	Valve - Stem	35 20 1
92-7940	Housing - Charge Pump	13 21 1	233-37	Knob	28 1 1
92-8776	Plug Assembly	14 52 2	233-46	Knob	21 11 1
92-8777	Seal - O-Ring	13 51 2	237-7	Seal - O-Ring	3 31 1
92-9023	Hydraulic Pump Assembly	13 8 1	237-21	Seal - O-Ring	28 18 2
92-9023	Hydraulic Pump Assembly	12 31 1	237-21	Seal - O-Ring	17 47 3
92-9775	Warning Light Assembly	7 7 1	237-22	O-Ring	13 2 1
92-9776	Muffler	25 12 1	237-22	Seal - O-Ring	21 3 1
92-9796	Block - Support	25 15 1	237-22	Seal - O-Ring	20 4 2
92-9797	Spring - Extension	25 4 2	237-22	Seal - O-Ring	28 7 4
92-9798	Bolt - U	25 1 1	237-22	Seal - O-Ring	35 13 3
92-9799	Tube - Muffler	25 3 1	237-22	Seal - O-Ring	30 40 2
93-0100	Bracket - Exhaust Support	2 23 1	237-30	Seal - O-Ring	12 6 5
93-0151	Bracket - Tube Support	25 13 1	237-30	Seal - O-Ring	16 7 2
93-0152	Guard - Exhaust Pipe	25 2 1	237-30	Seal - O-Ring	20 7 4
93-0153	Bolt - U	32 3 1	237-30	Seal - O-Ring	19 10 7
93-0160	Guard - Pulley	32 4 1	237-30	Seal - O-Ring	3 26 1
93-0166	Tire	35 17 1	237-30	Seal - O-Ring	10 38 2
93-3102	Cap - Fuel Tank	36 12 1	237-37	Bumper - Rubber	3 6 2
93-4406	Harness - Wire	24 65 1	237-42	Seal - O-Ring	29 2 2
93-4410	Fuse - 25 Amp. (Slo-Blo)	7 44 1	237-42	Seal - O-Ring	28 5 1
93-4411	Temperature Gauge Assy.	7 17 1	237-42	Seal - O-Ring	19 12 2
93-4412	Panel - Instrument	7 1 1	237-42	Seal - O-Ring	12 30 2
93-4413	Decal - Instrument Panel	7 2 1	237-42	Seal - O-Ring	30 38 2
93-6668	Decal - Battery (Europe)	36 24 1	237-65	Seal - O-Ring	16 44 2
93-6696	Decal - Warning (Europe)	32 10 2	237-71	Seal - O-Ring	3 42 1
93-6696	Decal - Warning (Europe)	33 24 1	237-78	Seal - O-Ring	28 10 2
93-6888	Step - Foot	3 36 1	237-78	Seal - O-Ring	19 24 2
93-6912	Shackle	32 24 2	237-78	Seal - O-Ring	35 38 1
93-6912	Shackle	33 34 1	237-78	Seal - O-Ring	17 46 2
93-7159	Knob - Clamp	10 46 2	237-79	Seal - O-Ring	12 4 4
93-7160	Cap - Hydraulic Reservoir	11 7 1	237-79	Seal - O-Ring	20 9 3
93-7252	Decal - C.E. (Europe)	1 * 1	237-79	Seal - O-Ring	11 18 1
93-7267	Decal - Brake (Europe)	1 12 1	237-80	Seal - O-Ring	16 9 4
93-7269	Decal - Instrument Panel	7 2 1	237-80	Seal - O-Ring	35 11 2
93-7270	Decal - Control (Europe)	20 10 1	237-81	Seal - O-Ring	11 3 4
93-7271	Decal - Warning (Europe)	3 11 1	237-86	O-Ring	13 15 4
93-7272	Decal - Warning (Europe)	10 4 1	237-95	O-Ring	13 27 1
93-7273	Decal - Warning (Europe)	4 57 1	240-11	Grommet	11 9 3
93-7275	Decal - Starting Fluid	3 10 1	240-11	Grommet	36 16 3
93-7276	Decal - Danger (Europe)	36 22 1	240-13	Bumper	26 16 2
93-7279	Decal - Service (Portuguese)	4 50 1	242-50	Nut - Lug	35 19 4

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
242—50	Nut — Lug	16 22 8	321—5	Screw — Cap Hex. Hd.	16 15 8
242—76	Rim	35 18 1	321—6	Screw — Cap Hex. Hd.	15 10 2
2410—18	Plug	37 2 1	321—8	Screw — Cap Hex. Hd.	4 52 2
2411—52	End — Rod	15 17 1	321—9	Screw — Hex. Flange Hd.	30 10 1
2411—53	End — Rod	15 22 1	321—9	Screw — Cap Hex. Hd.	35 32 1
2412—34	Clamp — Hose	12 2 1	321—11	Screw — Cap Hex. Hd.	4 61 2
2412—34	Clamp — Hose	23 10 1	321—12	Screw — Cap Hex. Hd.	36 2 1
2412—34	Clamp — Hose	10 29 5	321—13	Screw — Cap Hex. Hd.	12 18 3
2412—36	Clamp — Hose	36 10 2	321—23	Screw — Cap Hex. Hd.	28 16 2
2412—36	Clamp — Hose	11 26 1	321—23	Screw — Cap Hex. Hd.	23 40 4
2412—39	Clamp — R	19 7 1	322—4	Screw — Cap Hex. Hd.	32 11 2
2412—39	Clamp — R	3 17 3	322—4	Screw — Cap Hex. Hd.	33 23 1
2412—39	Clamp — R	23 35 2	322—4	Screw — Cap Hex. Hd.	13 24 4
2412—41	Clamp — R	10 15 1	322—7	Screw — Cap Hex. Hd.	23 37 2
2412—74	Clamp — R	10 3 1	322—9	Screw — Cap Hex. Hd.	35 9 1
2412—92	Clamp — Hose	23 12 1	322—9	Screw — Cap Hex. Hd.	15 18 2
2412—92	Clamp — Hose	3 48 1	322—10	Screw — Cap Hex. Hd.	19 8 2
2412—93	Clamp — R	23 15 1	322—12	Screw — Cap Hex. Hd.	9 11 1
2412—108	Clamp — Hose	36 4 4	322—17	Screw — Cap Hex. Hd.	16 2 1
2412—108	Clamp — Hose	10 10 1	322—17	Screw — Cap Hex. Hd.	15 8 1
2412—108	Clamp — Hose	23 17 2	322—17	Screw — Cap Hex. Hd.	26 31 9
2412—112	Clamp — R	33 21 1	322—26	Screw — Cap Hex. Hd.	33 36 1
2412—133	Clamp — R	3 16 2	323—5	Screw — Cap Hex. Hd.	11 11 3
251—8	Bearing — Ball	13 35 1	323—5	Screw — Cap Hex. Hd.	36 18 3
251—77	Collar — Locking	26 9 2	323—6	Screw — Cap Hex. Hd.	10 47 4
251—259	Bearing — Ball	15 31 1	323—7	Screw — Cap Hex. Hd.	33 8 1
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3234-4	Screw - Hex. Flange Hd.	26 29 2	3256-24	Washer - Flat	15 34 1
3234-4	Screw - Hex. Washer Hd.	7 8 3	3256-26	Washer - Flat	12 14 1
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3234-17	Screw - Hex. Flange Hd.	6 7 2	3257-15	Key - Square	18 11 1
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32128-19	Nut - Flange Lock	32 5 2	340-103	Fitting - Hydraulic 90°	28 22 1
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*Not Illustrated

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

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

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

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

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

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