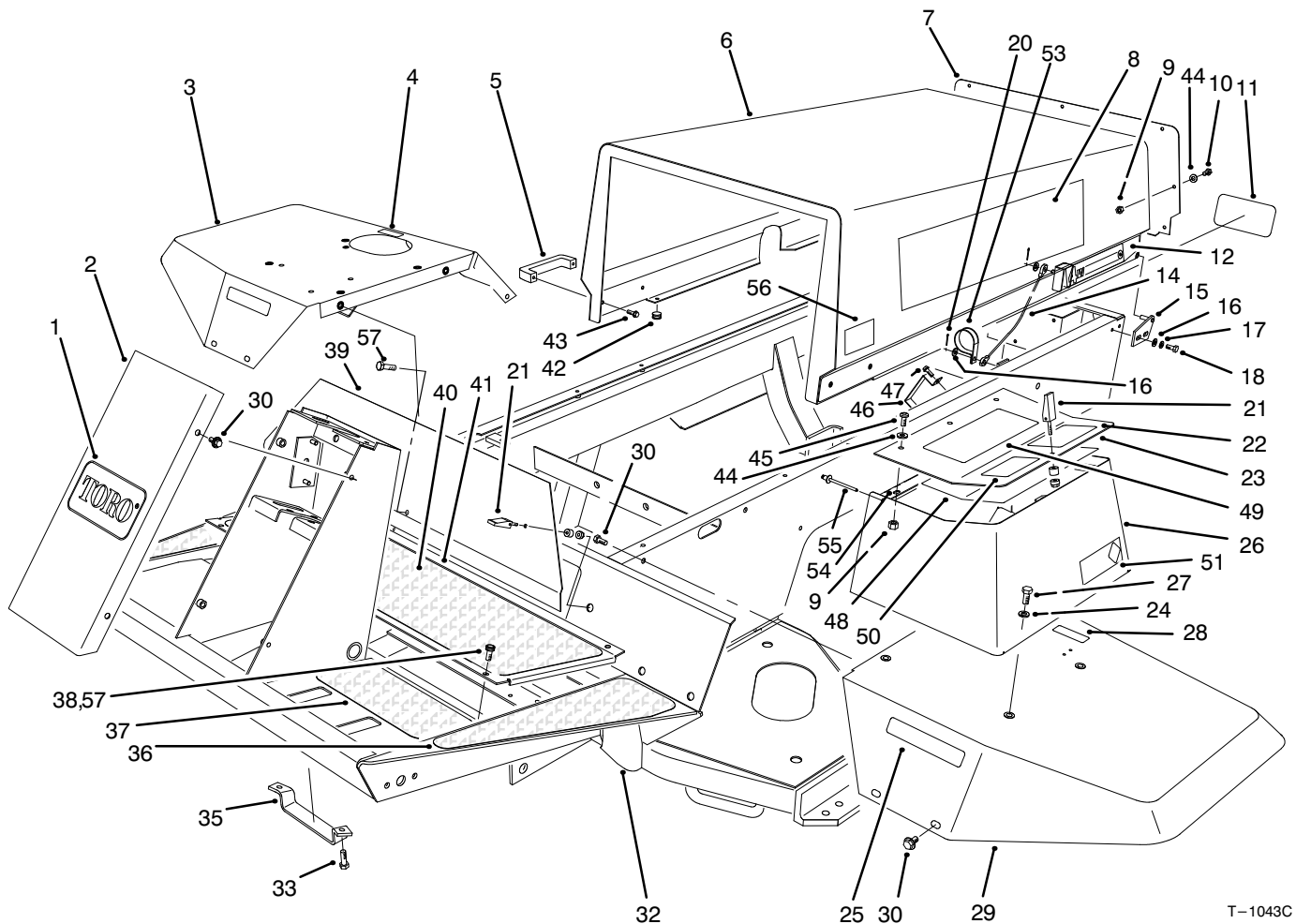


TORO®

MODEL NO. 03502-51001 & UP

PARTS CATALOG

REELMASTER® 5100D 2WD TRACTION UNIT



T-1043C

FRAME & BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	62-5550	Decal - TORO	1
2	75-1420	Cover - Steering Tower	1
3	93-7579	Fender - R.H.	1
‡4	85-4730	Decal - Hydraulic Oil	1
4	93-6686	Decal - Hydraulic Oil (Europe)	1
5	65-5100	Handle	2
6	14-0959	Hood	1
7	75-2820	Grill - Hood	1
8	85-4410	Decal - Reelmaster® 5100D	2
9	3296-42	Nut - Lock	7
10	321-39	Screw - Cap Hex. Hd.	7
11	62-7400	Decal - TORO	1
12	75-0670	Decal - Hood Trim L.H.	1
*	75-0680	Decal - Hood Trim R.H.	1
14	75-0570	Cable - Hood	1
15	63-6900	Hinge - Hood L.H.	1

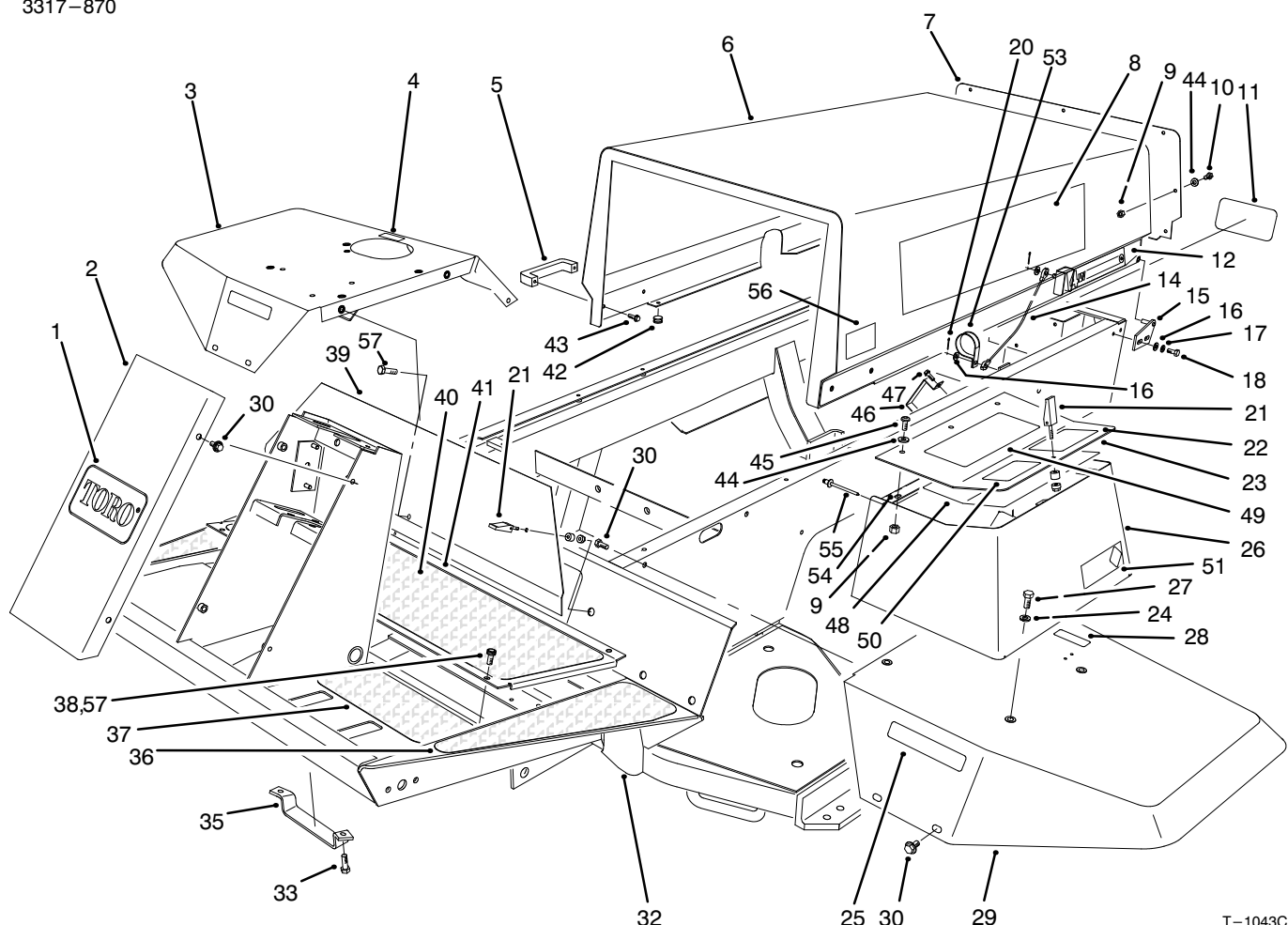
Ref. No.	Part No.	Description	No. Used
*	63-6890	Hinge - Hood R.H.	1
16	3256-23	Washer - Flat	6
17	3253-4	Washer - Lock	4
18	322-5	Screw - Cap Hex. Hd.	4
20	3272-4	Pin - Cotter	2
21	74-5950	Swell Latch Assembly	3
‡22	75-1280	Decal - Warning	1
22	93-6698	Decal - Warning (Europe)	1
23	75-6260	Cover - Tool Box	1
24	3256-3	Washer - Flat	4
‡25	75-5190	Decal - No Riders	2
25	93-6689	Decal - No Riders (Europe)	2
26	75-5810	Box - Tool	1
27	322-3	Screw - Cap Hex. Hd.	4
‡28	52-1320	Decal - Fuel	1
28	93-6680	Decal - Fuel (Europe)	1
29	75-3860	Fender - L.H.	1

‡For different language versions of this part, see International Parts Page.

*Not Illustrated

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TPS



T-1043C

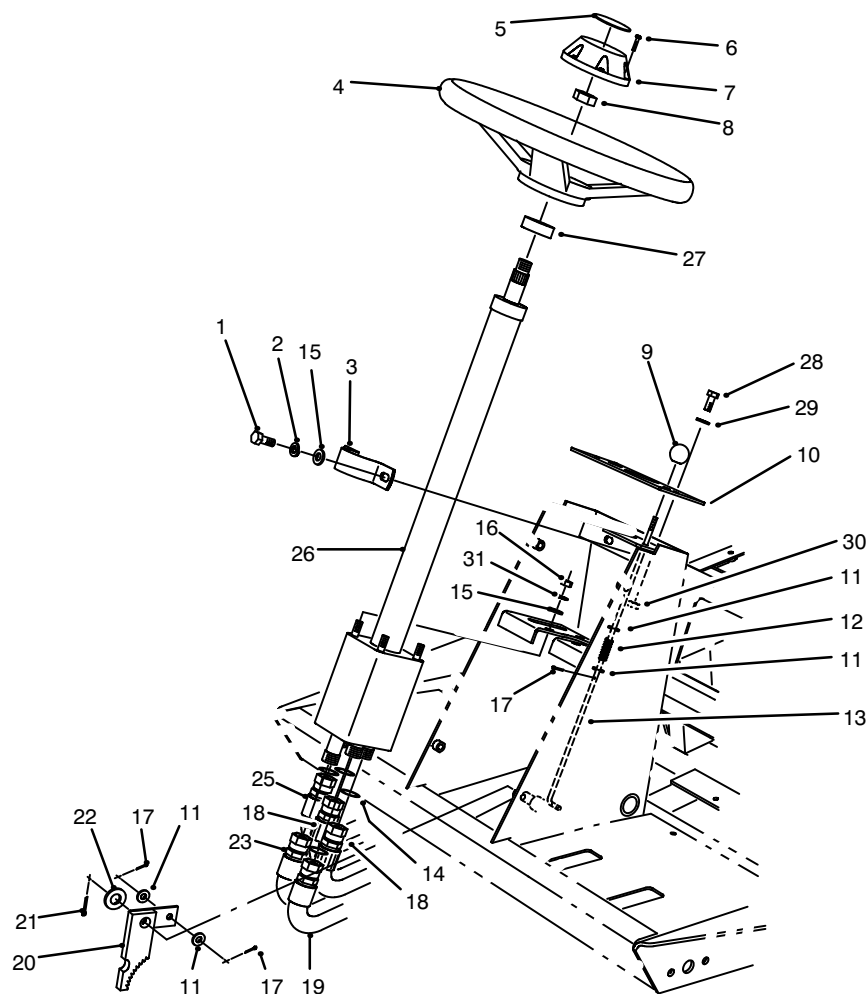
FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
30	3234-14	Screw - Hex. Washer Hd.	14
32	94-3349	Frame Assembly	1
33	322-4	Screw - Cap Hex. Hd.	2
35	93-3626	Bracket - Hose	1
36	75-0650	Tread - Footrest L.H.	1
*	75-0640	Tread - Footrest R.H.	1
37	75-0620	Tread - Foot L.H.	1
*	75-0610	Tread - Foot R.H.	1
38	75-6840	Knob - Knurled	4
38	75-6840	Knob - Knurled (Europe)	3
39	75-1390	Panel - Access	1
40	75-0630	Tread - Foot Center	1
41	75-1410	Panel - Floor	1
42	237-141	Bumper	2
43	46-8091	Screw - Cap Hex. Hd.	4
44	3256-1	Washer - Flat	10
45	3258-166	Screw - Phillip Hd.	3
46	75-6280	Bracket - Hose	1
47	49-2040	Screw - Hex. Washer Hd.	2
†48	93-3601	Decal - Instructions	1
48	93-7154	Decal - Instructions (Finnish)	1
48	93-8091	Decal - Instructions (Danish)	1
48	93-8092	Decal - Instructions (Dutch)	1

Ref. No.	Part No.	Description	No. Used
48	93-8093	Decal - Instructions (Italian)	1
48	93-8094	Decal - Instructions (Spanish)	1
48	93-8095	Decal - Instructions (German)	1
48	93-8096	Decal - Instructions (French)	1
48	93-8097	Decal - Instructions (Swedish)	1
48	93-8098	Decal - Instructions (Portuguese)	1
48	93-8099	Decal - Instructions (Norwegian)	1
‡49	75-7540	Decal - Warning	1
49	93-8051	Decal - Warning (Europe)	1
‡50		Decal - ANSI (Ref.)	1
50		Decal - ANSI (Europe)	1
51	93-0096	Decal - A.C.E.	2
52	32128-33	Nut - Flange Head	3
53	2412-107	R-Clamp	1
54	75-5780	Hinge - Cover	1
55		Rivet	3
56	93-7252	Decal - C.E. (Europe)	1
57	3234-7	Screw - HH (Europe)	2

*Not Illustrated

‡For different language versions of this part, see International Parts Page.



T-1044A

STEERING TOWER ASSEMBLY

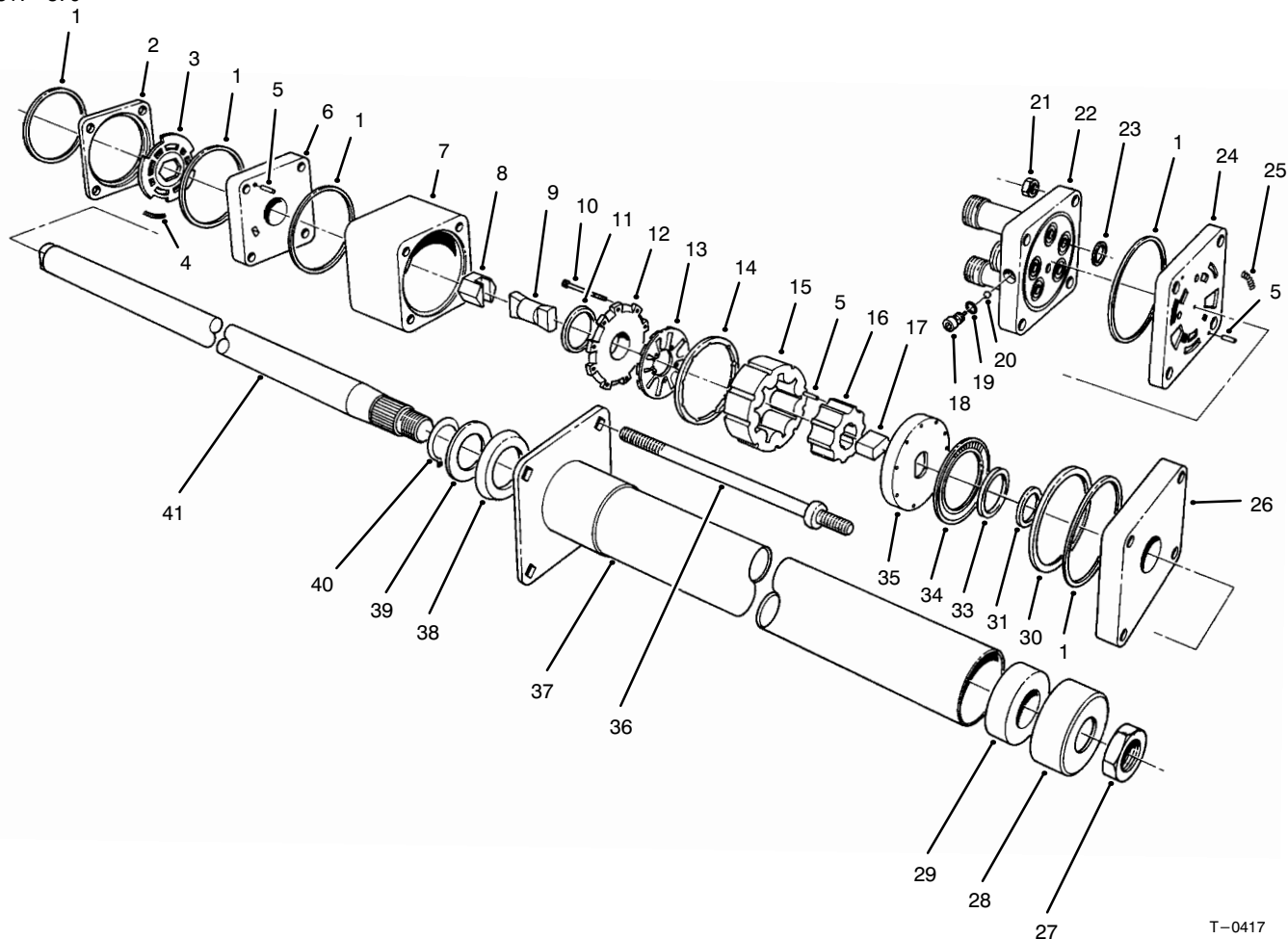
Ref. No.	Part No.	Description	No. Used
1	32144-26	Screw – Self-Tapping	2
2	3253-4	Washer – Lock	2
3	75-2810	Clamp – Steering Valve	1
4	75-0560	Steering Wheel Assembly (Incl. Ref. #6-8)	1
5	68-5370	Decal – TORO	1
6	32144-21	Screw	1
7	68-5140	Cap – Steering Wheel	1
8	3220-6	Nut – Steering Wheel	1
9	233-17	Knob – Parking Brake	1
†10	93-3139	Panel – Tower (English)	1
10	93-6682	Panel – Tower (Europe)	1
11	3256-22	Washer – Flat	4
12	3-3251	Spring – Compression	1
13	75-1490	Rod – Parking Brake	1
14	237-22	Seal – O-Ring	5
15	3256-23	Washer – Flat	6
16	3296-20	Nut – Lock	4

Ref. No.	Part No.	Description	No. Used
17	3272-5	Pin – Cotter	3
18	75-6230	Hose – Hydraulic RT	2
19	75-6240	Hose – Hydraulic IN	1
20	63-7900	Rack – Parking Brake	1
21	3272-10	Pin – Cotter	1
22	3256-26	Washer – Flat	1
23	75-5940	Hose – Hydraulic AUX	1
25	75-6250	Hose – Hydraulic OUT	1
26	75-0600	Steering Valve Assembly (Incl. Ref. #14)	1
27	21-9260	Seal – Shaft	1
28	3258-166	Screw – Phillip Hd.	2
29	3256-1	Washer – Flat	2
30	3296-42	Nut – Lock	2
31	3255-8	Washer – Lock ETLW	1
*	3290-378	Tie – Cable	3
*	3290-410	Tie – Cable	4

*Not Illustrated

†For different language versions of this part, see International Parts Page

3317-870



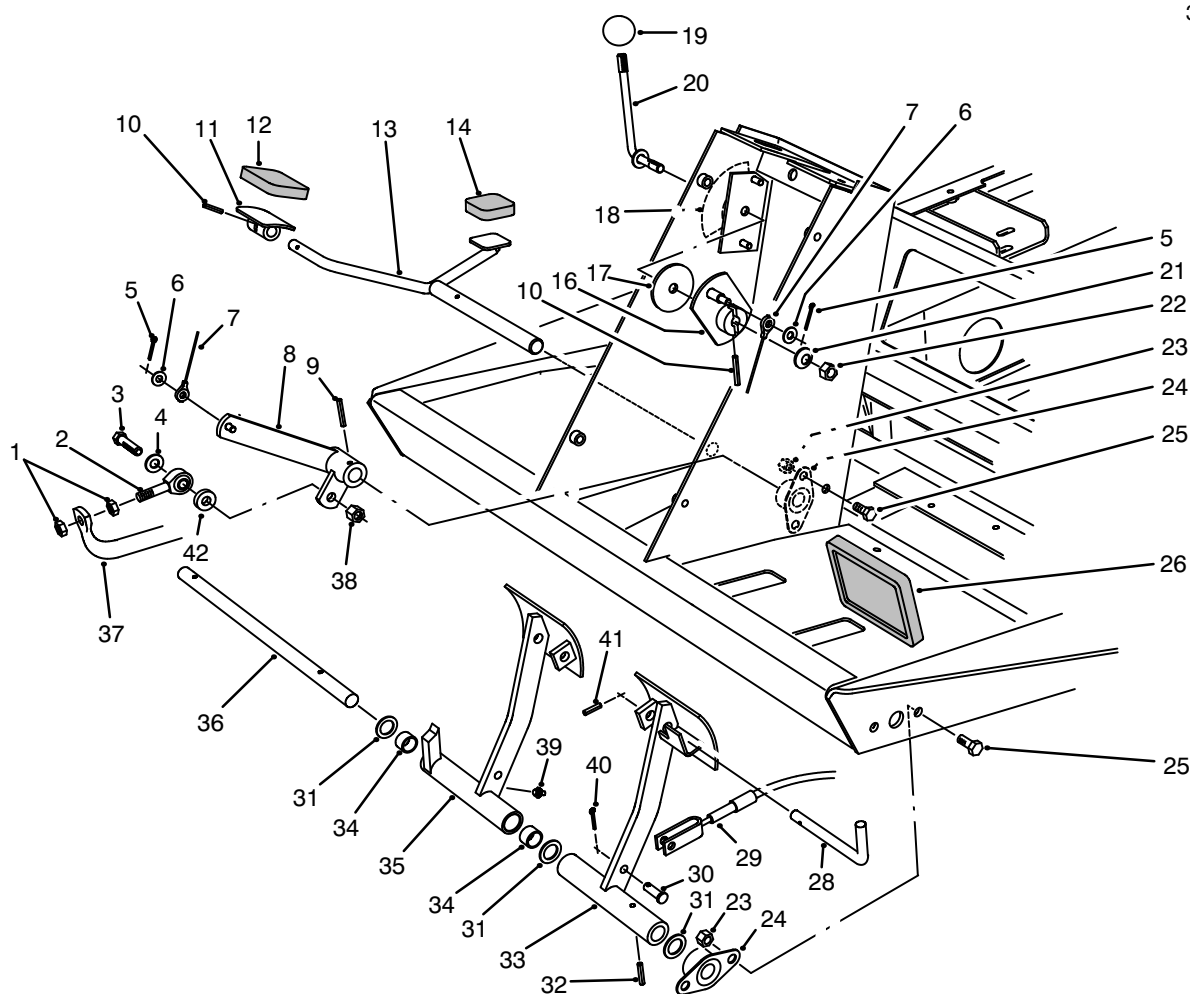
T-0417

STEERING VALVE ASSEMBLY No. 75-0600

Ref. No.	Part No.	Description	No. Used
1		Ring-Seal	5
2		Ring-Valve	1
3		Plate-Valve	1
4		Spring	3
5		Pin-Alignment	9
6		Manifold-Isolation	1
7		Ring-Metering	1
8		Hex Drive Assy.	1
9		Link-Drive	1
10		Screw-Hex Socket Hd.	11
11		Seal-Commutator	1
12		Cover-Commutator	1
13		Commutator	1
14		Ring-Commutator	1
15		Stator	1
16		Rotor	1
17		Spacer-Drive Link	1
18		Plug	1
19		O-Ring	1
20		Ball	1
21		Nut-Hex	4
22		Cover-Port	1
23		O-Ring	5
24		Manifold-Port	1
25		Spring	3
26		Plate-Cover, Upper	1

Ref. No.	Part No.	Description	No. Used
27	3220-6	Nut	1
28	66-9770	Seal	1
29	66-9780	Bushing	1
30		Spacer-Bearing, Thrust	1
31		Spacer-Seal	1
33		Seal-Face	1
34		Bearing-Thrust	1
35		Plate-Drive	1
36	93-3609	Bolt-Special	4
37	66-9860	Upper Cover & Jacket	1
38	66-9870	Plate-Retaining	1
39	66-9880	Washer-Retaining Plate	1
40	66-9890	Ring-Retaining	1
41	66-9900	Shaft-Input	1
*	66-9970	Spring Kit (Incl. Ref. #4 & 25)	1
*	66-9980	Seal-Kit (Incl. Ref. #1, 11, 19, 23 & 33)	1
*	66-9990	Needle Roller Kit (Incl. Ref. #5)	1
*	75-0600	Asm. - Steering Valve (Incl. Ref. #1-41)	1
*		Valve-Power Steering (Incl. Ref. #1-26 & 30-36)	1

*Not Illustrated



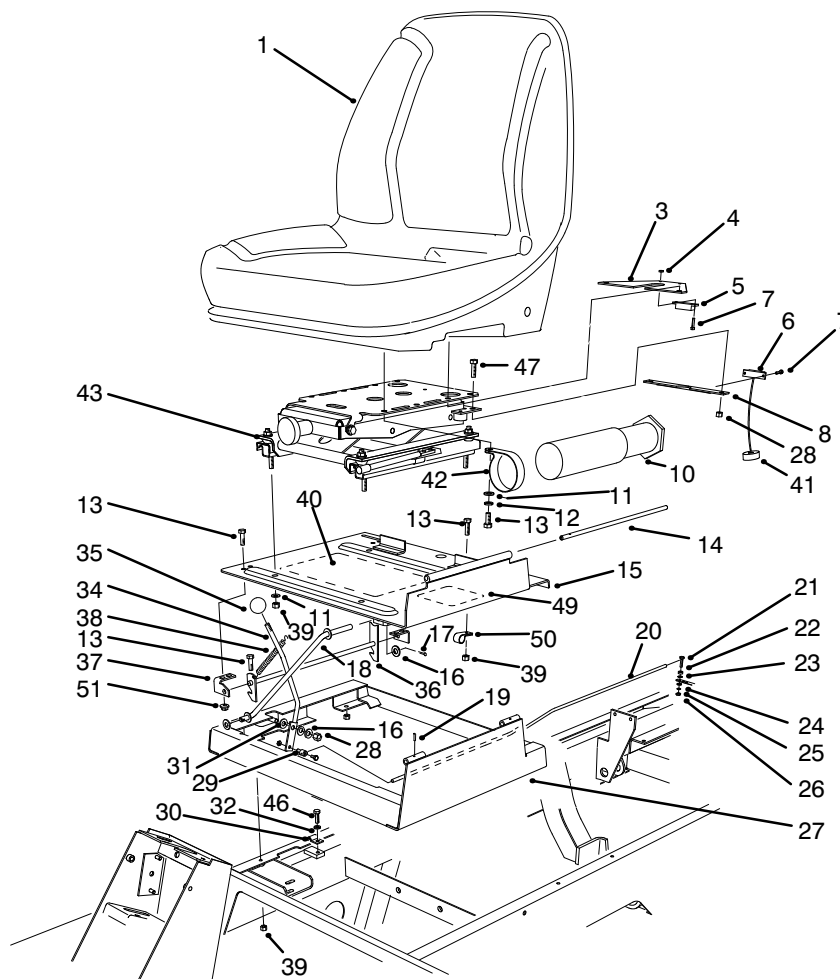
T-1045

TRACTION & BRAKE PEDALS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3220-3	Nut - Jam	2	22	3296-59	Nut - Lock	1
2	2411-36	Bearing - Rod End	1	23	3296-29	Nut - Lock	8
3	323-9	Screw - Cap Hex. Hd.	1	24	256-236	Bearing - Flange	4
4	3256-24	Washer - Flat	1	25	322-3	Screw - Cap Hex. Hd.	8
5	3272-2	Pin - Cotter	2	26	93-8742	Pad - Brake	2
6	3256-22	Washer - Flat	2	28	63-7880	Pin - Brake Latch	1
7	75-6580	Cable - Pedal	1	29	63-7733	Cable - Brake L.H.	1
8	75-3270	Lever - Traction Pivot	1	*	63-7732	Cable - Brake R.H.	1
9	32121-6	Pin - Roll	1	30	283-58	Pin - Clevis	4
10	32121-45	Pin - Roll	2	31	3256-69	Washer - Thrust	3
11	49-6440	Plate - Traction Pedal	1	32	32121-16	Pin - Roll	1
12	74-9100	Pad - Forward	1	33	75-1440	Pedal - Brake L.H.	1
13	75-2970	Pedal - Traction	1	34	256-42	Bushing - Sleeve	2
14	74-9110	Pad - Reverse	1	35	75-1430	Brake Pedal Assembly R.H. (Incl. Ref. #34 & 39)	1
16	75-6510	Lever - Bracket	1	36	75-1470	Shaft - Brake Pedal	1
17	75-6550	Disc - Friction	1	37	75-2170	Tube - Pump Control	1
‡18	75-6710	Decal - Fast/Slow	1	38	3296-39	Nut - Lock	1
18	93-6699	Decal - Fast/Slow (Europe)	1	39	302-5	Fitting - Grease	1
19	233-42	Knob	1	40	3272-10	Pin - Cotter	4
20	75-6490	Lever - Pedal Stop	1	41	32121-50	Pin - Roll	1
21	3290-461	Washer - Belleville	1	42	5-0652	Spacer	1

*Not Illustrated

‡For different language versions of this part, see International Parts Page

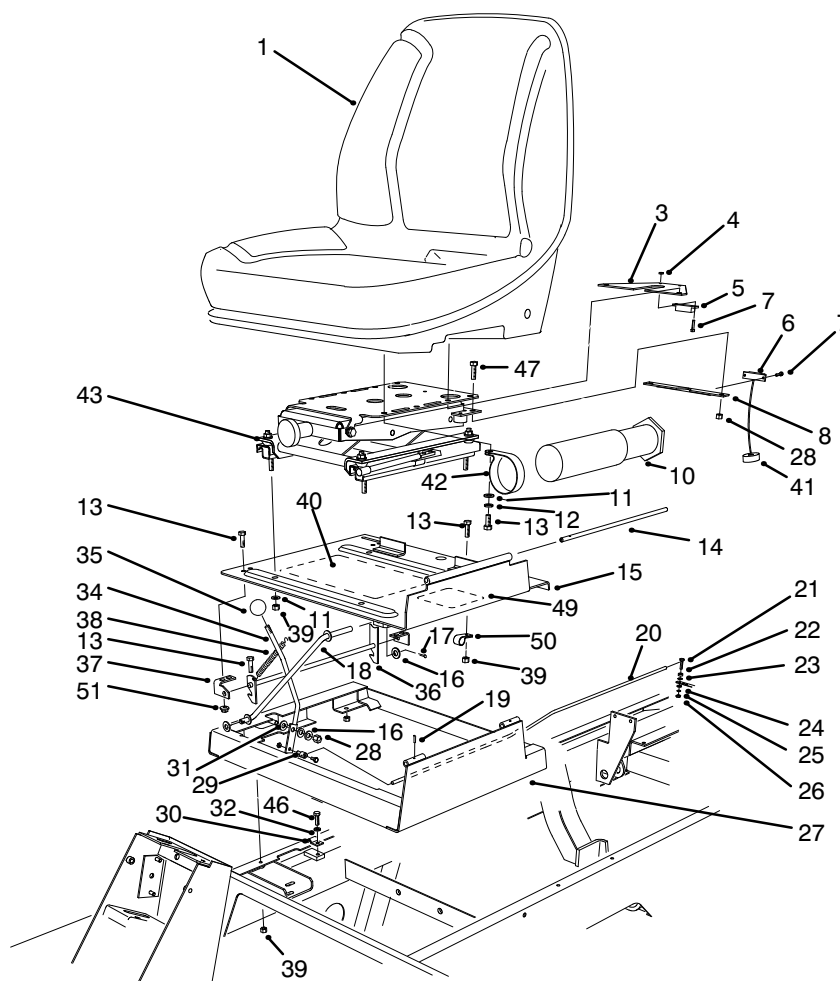


T-1046B

SEAT & THROTTLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-1180	Seat Assembly	1	29	63-6760	Throttle Cable Swivel Assy. (Incl. Ref. #21-26)	2
3	75-4370	Bracket - Switch (Seat)	1	30	3-6657	Clamp - Cable	1
4	3296-54	Nut - Lock	4	31	66-2920	Washer - Friction	2
5	92-8753	Actuator - Switch	1	32	3253-3	Washer - Lock	1
6	92-8001	Sensor - Switch	1	34	75-3430	Rod - Throttle	1
7	3250-29	Screw - Cap Hex. Hd.	4	35	233-42	Knob - Throttle	1
8	75-4360	Bracket - Switch	1	36	93-9979	Latch WA. - Seat	1
10	74-0720	Tube - Manual	1	37	93-9983	Bracket - Seat Latch	2
11	3256-23	Washer - Flat	8	38	66-4160	Spring	1
12	3253-4	Washer - Lock	4	39	3296-29	Nut - Lock	10
13	322-3	Screw - Cap Hex. Hd.	13	‡40	85-4610	Decal - Instruction	1
14	75-3400	Shaft - Seat Pivot	1	40	92-1125	Decal - Instruction (Danish)	1
15	93-9976	Seat Plate Assembly (Incl. Ref. #41)	1	40	92-1126	Decal - Instruction (Dutch)	1
16	3256-24	Washer - Flat	3	40	92-1127	Decal - Instruction (Italian)	1
17	3272-10	Pin - Cotter	2	40	92-1128	Decal - Instruction (Spanish)	1
18	75-3680	Rod - Seat	1	40	92-1129	Decal - Instruction (German)	1
19	32121-38	Pin - Roll	1	40	92-1130	Decal - Instruction (French)	1
20	75-1350	Cable - Throttle	1	40	92-1131	Decal - Instruction (Swedish)	1
21		Screw - Special	2				
22		Sleeve - Connector	2				
23		Washer - Spring	2				
24		Washer - Flat	2				
25		Washer - I.T.L.W.	2				
26		Nut - Hex.	2				
27	94-1250	Frame - Seat	1				
28	3296-39	Nut - Lock	3				

‡For different language versions of this part, see International Parts Page.

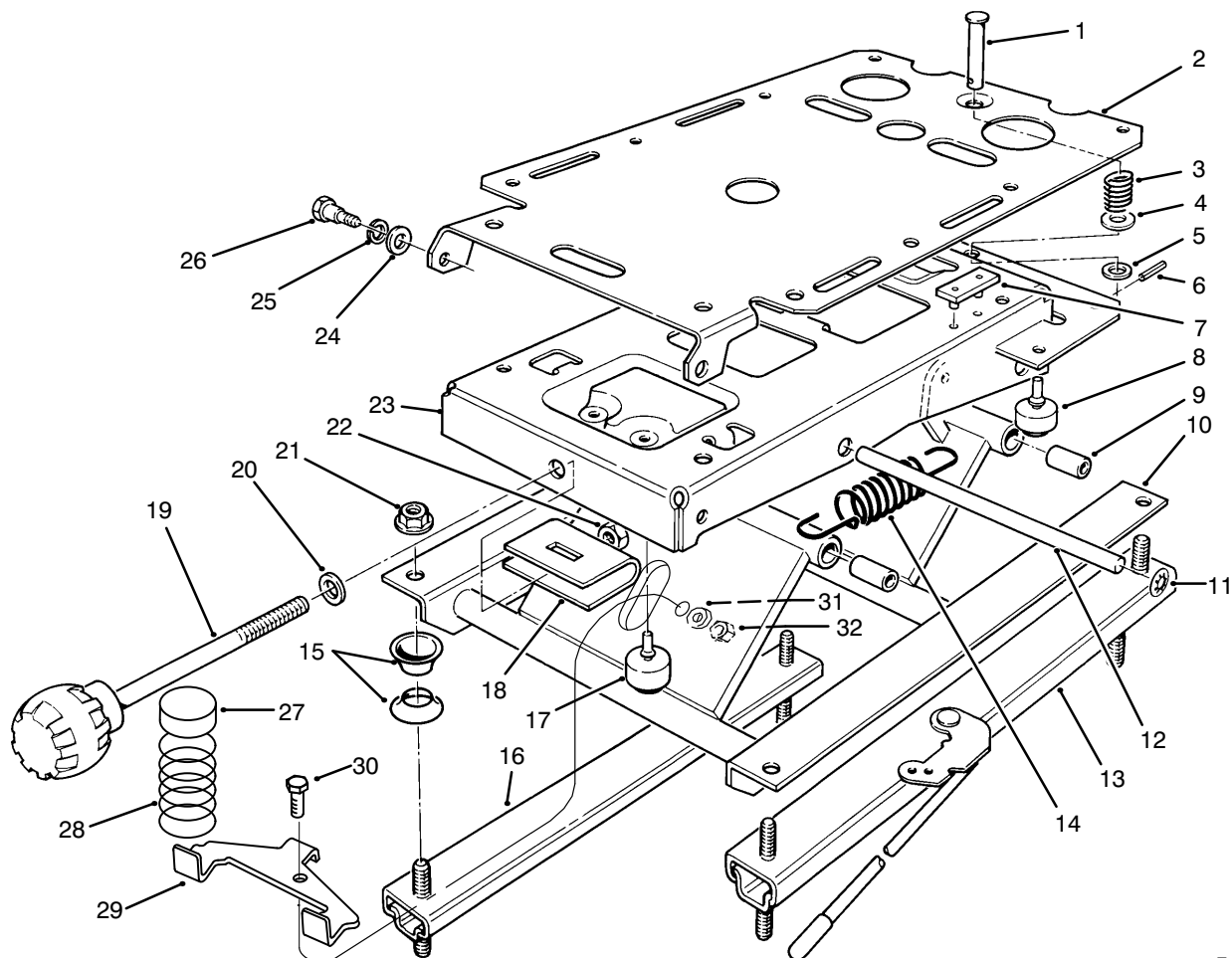


T-1046B

SEAT & THROTTLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
40	93-8057	Decal - Instruction (Portugese)	1	43		Seat Suspension Assembly	1
40	93-8058	Decal - Instruction (Norwegian)	1	46	321-4	Screw - Cap Hex. Hd.	1
40	93-8059	Decal - Instruction (Finnish)	1	47	323-4	Screw - Cap Hex. Hd.	2
41	93-0140	Grommet	1	‡49	85-4530	Decal - Danger (English)	1
42	2412-133	Clamp - R	2	49	93-8060	Decal - Danger (Europe)	1
				50	2412-93	Clamp - R	1
				51	32128-25	Nut - Flange Head	4

‡For different language versions of this part, see International Parts Page.

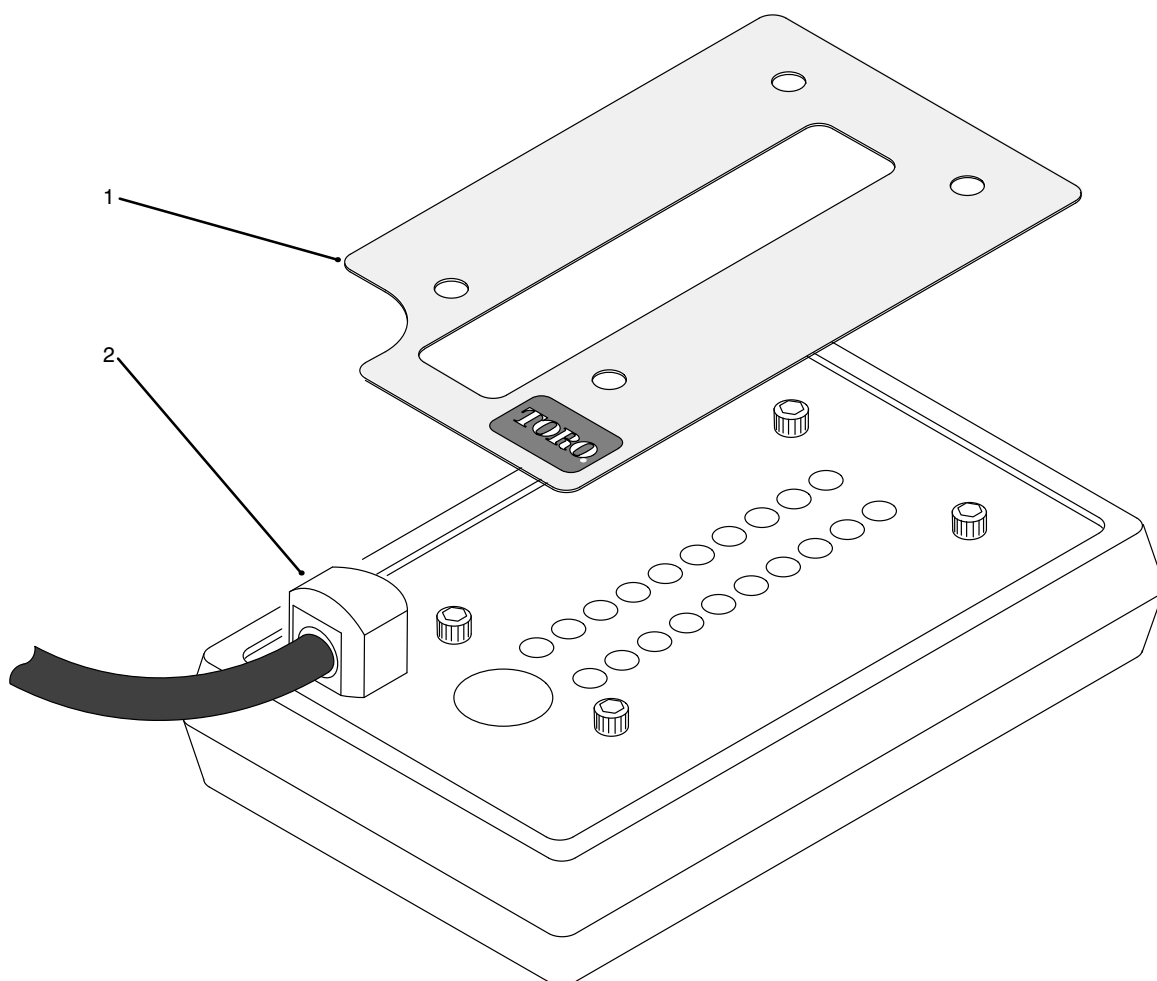


T-1031A

SEAT SUSPENSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	80-4860	Pin - Clevis	1
2	75-3580	Plate - Mounting, Seat	1
3	75-3530	Spring - Compression	1
4	3256-5	Washer - Flat	1
5	3256-24	Washer	1
6	75-3540	Pin - Roll	1
7	75-3550	Bumper - Seat	2
8	76-2940	Bumper - Rubber	2
9	76-1920	Bushing - Sleeve	4
10	66-8610	Weldment - Lower	1
11	66-8560	Nut - Push	4
12	76-1910	Shaft - Pivot	2
13	82-9060	Adjuster W/Handle	1
14	76-1940	Spring - Extension	2
15	66-9290	Spacer	6
16	66-8530	Adjuster	1

Ref. No.	Part No.	Description	No. Used
17	66-8520	Bumper - Down-stop	2
18	77-2870	Weldment - Hanger	1
19	76-1930	Knob - Tension Adjustment	1
20	3256-46	Washer - Flat	1
21	32128-26	Nut - Flange	4
22	3296-44	Nut - Lock	1
23	75-3480	Weldment - Upper	1
24	3256-26	Washer - Flat	2
25	3253-6	Washer - Lock	2
26	75-3510	Bolt - Shoulder	2
27	93-3164	Cap	2
28	93-3163	Spring	1
29	93-3165	Bracket	1
30	322-6	Screw - Cap Hex. Hd.	1
31	3253-33	Washer - Lock	1
32	3217-6	Nut - Jam	1



T-1458

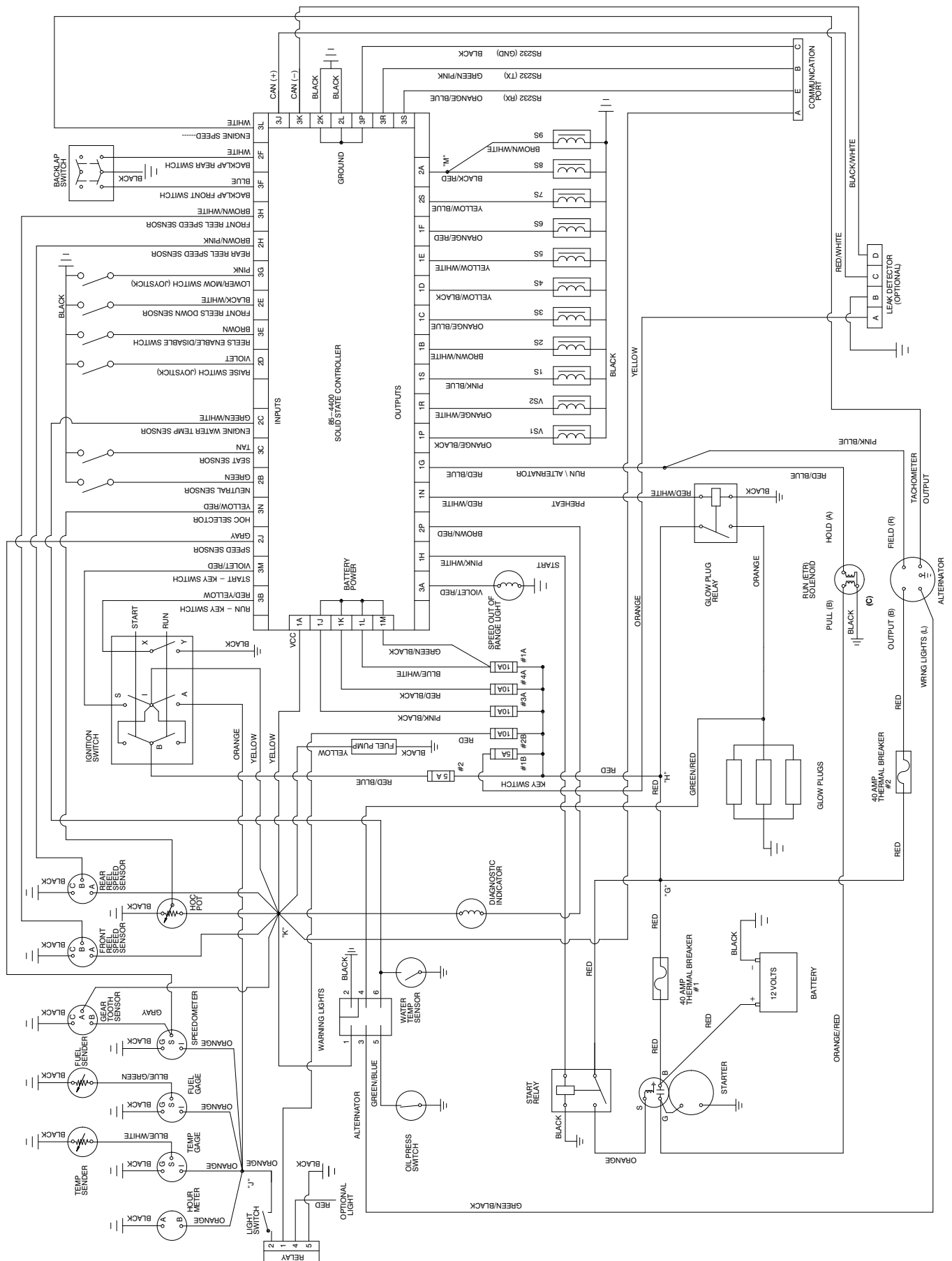
DIAGNOSTIC-ACE DISPLAY ASSEMBLY

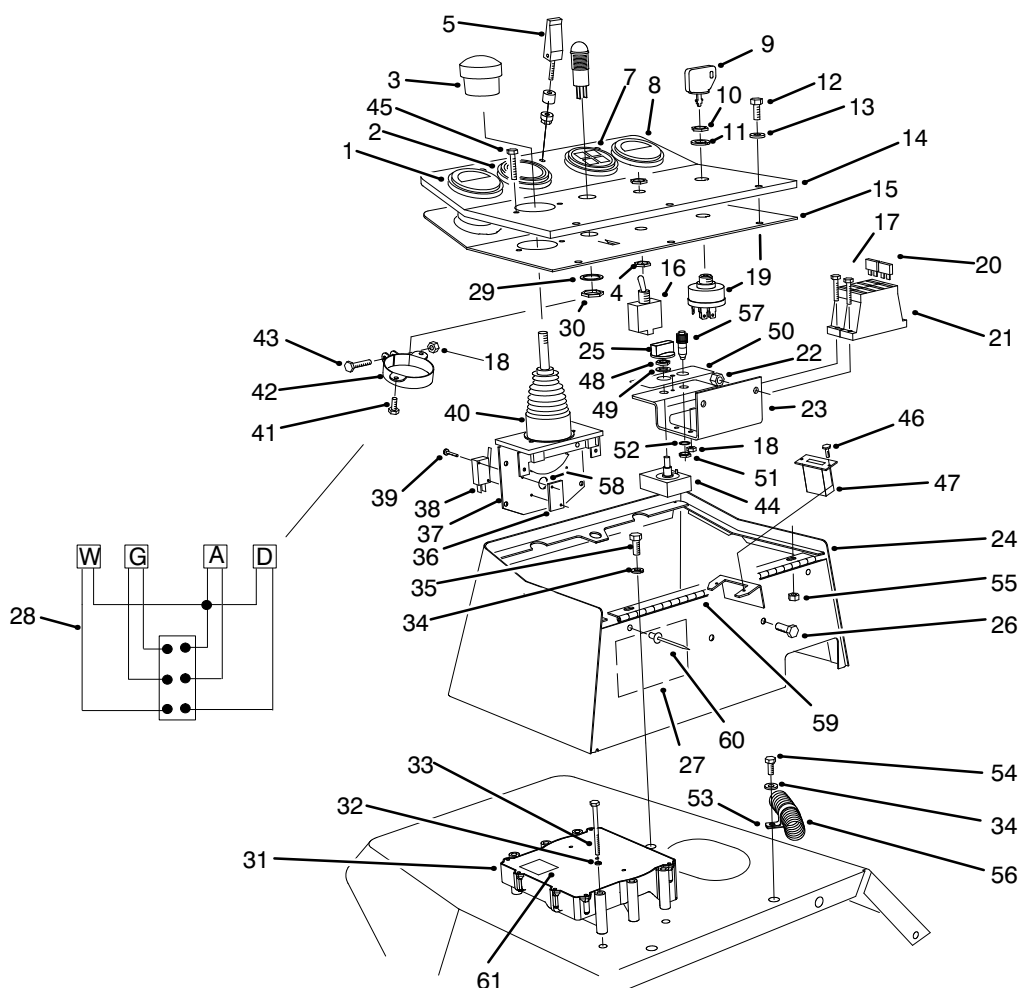
Ref. No.	Part No.	Description	No. Used
‡1	85-4760	Decal – Diagnostic-ACE RM 5100D/5300DV 1.0	1
1	93-8078	Decal – (Danish)	1
1	93-8079	Decal – (Dutch)	1
1	93-8080	Decal – (Italian)	1
1	93-8081	Decal – (Spanish)	1
1	93-8082	Decal – (German)	1

Ref. No.	Part No.	Description	No. Used
1	93-8083	Decal – (French)	1
1	93-8084	Decal – (Swedish)	1
1	93-8085	Decal – (Portugese)	1
1	93-8086	Decal – (Norwegian)	1
1	93-8087	Decal – (Finnish)	1
1	93-8089	Decal – (Japanese)	1
2	85-4750	Display – Diagnostic-ACE	1

‡For different language versions of this part, see International Parts Page.

ELECTRICAL SCHEMATIC





T-1501E

CONTROL CONSOLE ASSEMBLY

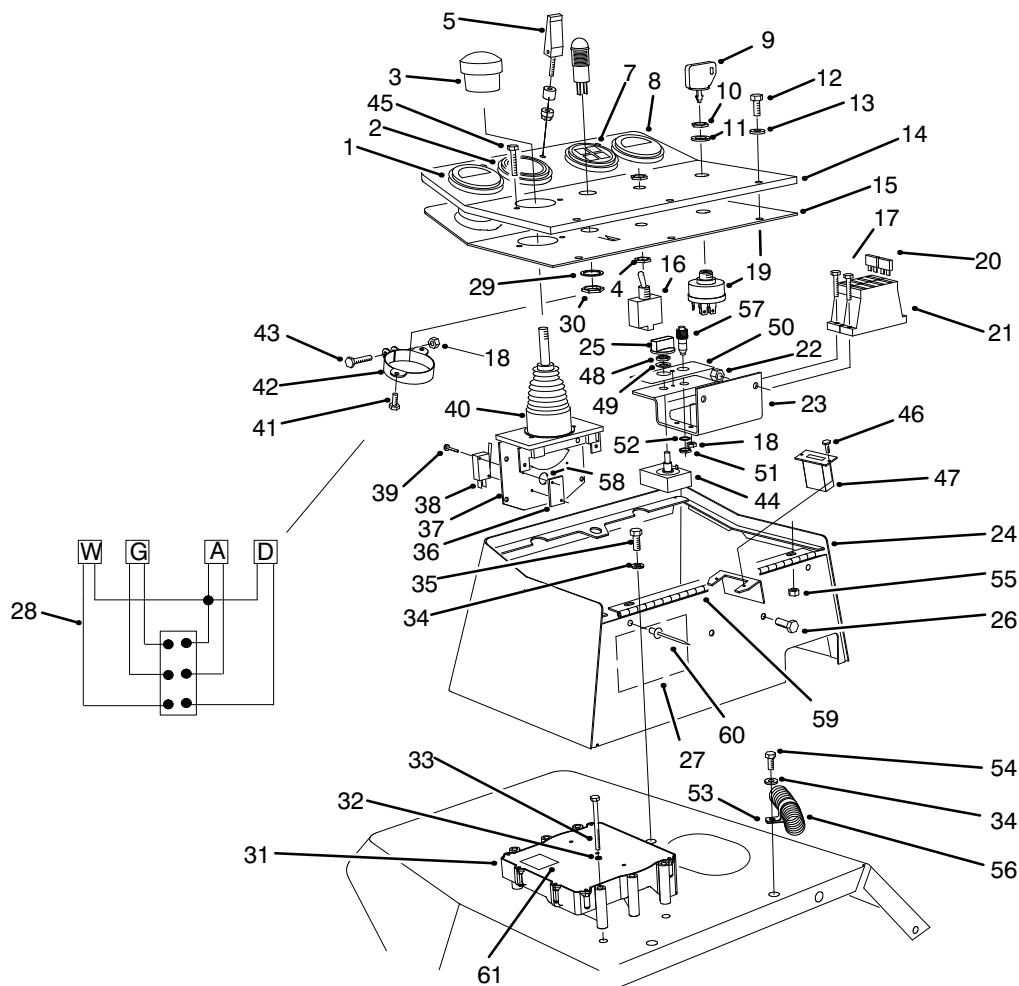
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-8497	Gauge - Fuel	1	*†	218-578	Fuse - 10A	3
2	85-4420	Gauge - Speedometer	1	†21	67-7160	Block - Fuse	2
3	3290-489	Knob - Lift Control	1	22	3296-42	Nut - Lock	4
4	218-498	Nut - Hex.	4	23	93-7587	Bracket - Fuse Block	1
5	74-5950	Swell Latch Assembly	1	24	75-5740	Box - Control	1
6	44-2210	Assembly - Warning Light (Incl. Ref. #29 & 30)	1	25	85-4480	Knob	1
*	218-533	Lens - Red	1	26	321-39	Screw - Cap Hex. Hd.	2
■		Bulb - #1815	1	‡27	85-4720	Decal - Instruction	1
7	66-2960	Cluster - Warning	1	27	93-6695	Decal - Instruction (Europe)	1
8	93-8496	Gauge - Temperature	1	28	75-4710	Warning Light Harness (Incl. Ref. #51 & 52)	1
9	63-8360	Key - Ignition	1	*	219-17	Bulb - Light	4
10	218-446	Nut - Locking	1	29	218-536	Washer - Lock	1
11	218-447	Washer - E.T.L.W.	1	30	218-535	Nut - Lock	1
12	3258-166	Screw - Phillip Hd.	5	31	92-5720	Controller - Electronic Note: This part must be programmed by distributor before installation.	1
13	3256-1	Washer - Flat	5				
†14	93-3140	Panel - Control	1	32	3253-3	Washer - Lock	3
14	93-6683	Panel - Control (Europe)	1	33	321-15	Screw - Cap Hex. Hd.	3
15	75-6270	Cover - Control Box	1	34	3256-3	Washer - Flat	3
16	75-1010	Toggle Switch Assembly (Incl. Ref. #4)	1	35	322-3	Screw - Cap Hex. Hd.	2
17	32105-13	Screw - Cap Hex. Hd.	4	36	3290-354	Plate - Nut	2
18	3296-2	Nut - Lock	5	‡37	75-3420	Lift Control Asm. (Incl. Ref. #3, 36 & 38-40)	1
19	27-2360	Ignition Switch Assembly (Incl. Ref. #9-11)	1				
†20	218-573	Fuse - 5A	2				

*Not Illustrated

†Included in main wire harness assembly.

■Obtain Locally.

‡For different language versions of this part, see International Parts Page.



T-1501E

CONTROL CONSOLE ASSEMBLY

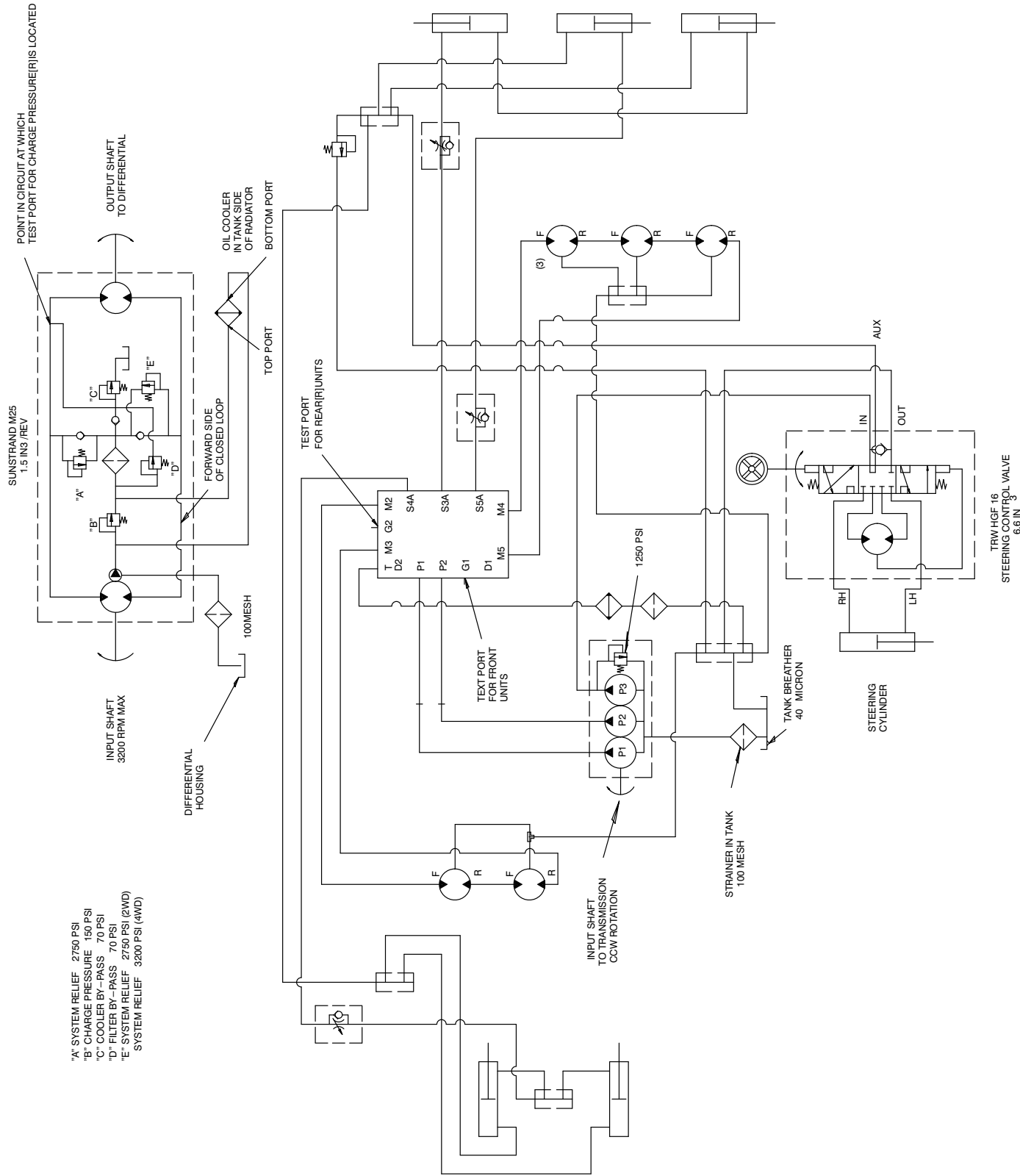
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
37	93-7183	Lift Control Asm. (Europe) (Incl. Ref. #3, 36 & 38-40)	1	51		Nut - Lock	1
38	218-590	Switch - Micro	2	52		Washer - Lock	1
39	3290-93	Screw - Cap Hex. Hd.	4	53	2142-126	Clamp-R	1
40	3290-488	Boot - Lift Control	1	54	322-5	Screw - Cap Hex. Hd.	1
41	32144-1	Screw - Cap Hex. Hd.	2	55	32128-33	Nut - Lock, Flange Hd.	3
42	69-4780	Clamp - Light Cluster	1	56	94-3346	Main Wire Harness Assy.	1
43	32105-1	Screw - Cap Hex. Hd.	1	†57	85-4491	Lamp - Diagnostic	1
44	85-4470	Potentiometer Assembly (Incl. Ref. #48 & 49) Note: Replacement of this part requires recalibration of electronic controller by distributor after installation.	1	58	93-3625	Spring - Return, Joystick	1
45	3273-26	Screw - Hex. Socket Hd.	2	59	75-5780	Hinge - Cover	1
46	32144-18	Screw - Cap Hex. Hd.	2	60		Rivet	3
47	75-6820	Meter - Hour	1	61		Decal - ECU Display	1
48		Nut - Lock	1	61		Decal - ECU Display (Europe)	1
49		Washer - Lock	1	*†	70-8570	Breaker - Circuit	2
‡50	94-4934	Decal - HOC Selector	1	*†	86-7560	Connector - Cover (3 Way)	3
50	93-1268	Decal - HOC Selector (Europe)	1	*†	86-7550	Connector - Cover (2 Way)	2
				*†	85-4650	Connector - Loop Back	1
				*	85-4690	Software - ECU RM5100D	1
				*	219-19	Bulb - Light	1

*Not Illustrated ‡For different language versions of this part, see International Parts Page.

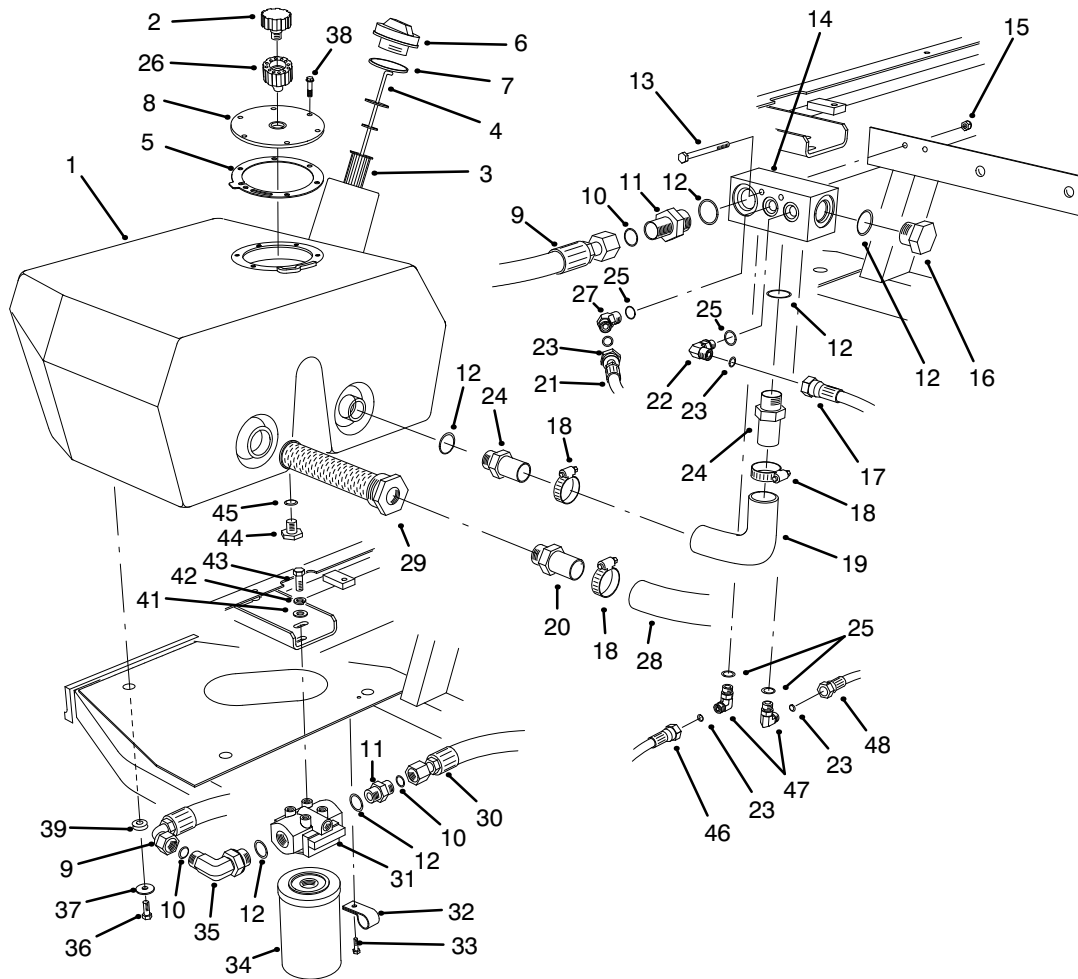
†Included in main wire harness assembly.

HYDRAULIC SCHEMATIC

3317-870



T-1144A

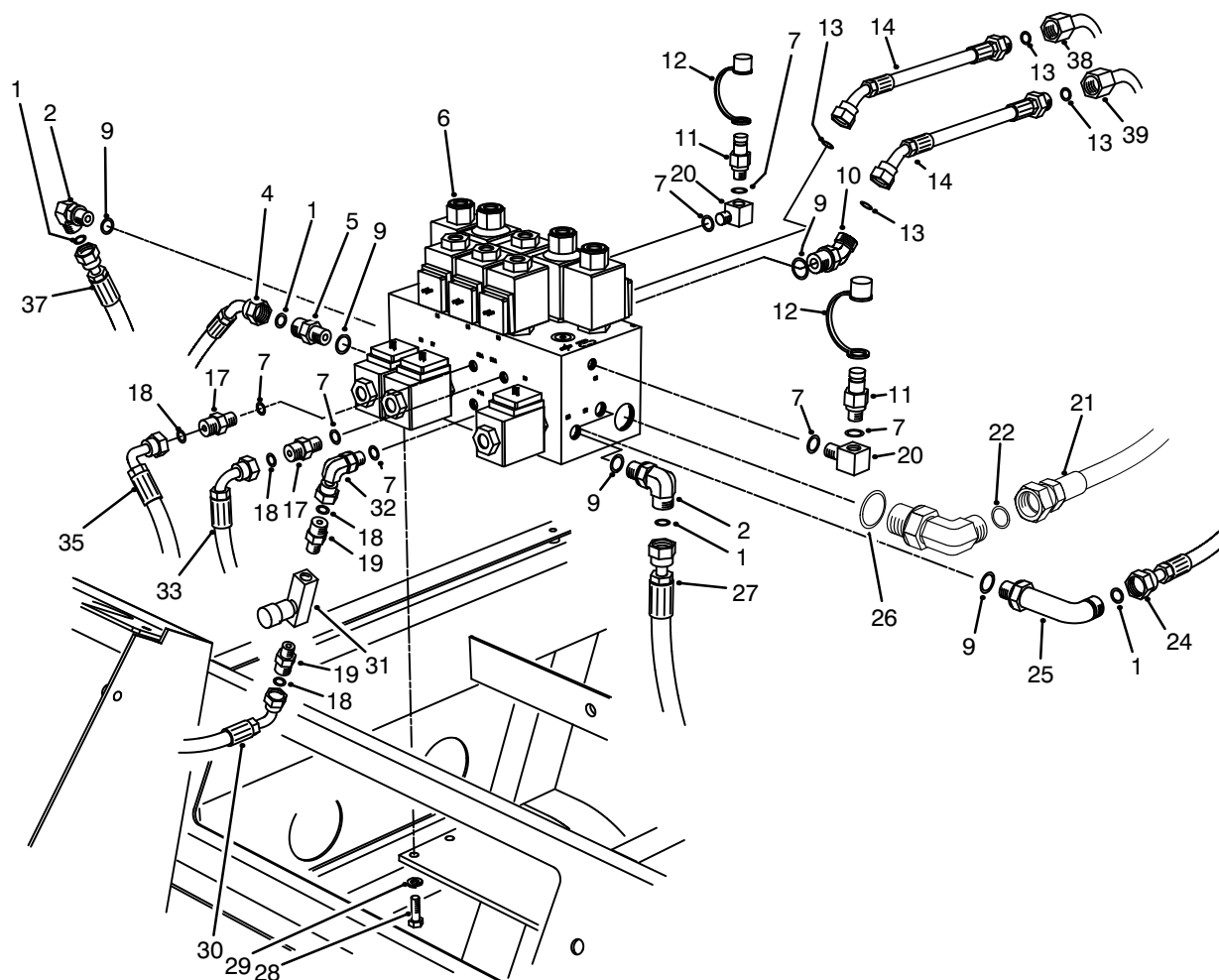


T-1048A

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-7488	Reservoir - Hydraulic	1
2	68-6150	Breather - Hydraulic Tank	1
3	61-2790	Screen - Filler	1
4	75-3710	Dipstick	1
5	93-7499	Gasket - Flange	1
6	93-7498	Plug - Plastic	1
7	237-101	O-Ring	1
8	93-7588	Cover - Tank	1
9	75-6130	Hose - Hydraulic	1
10	237-65	Seal - O-Ring	5
11	340-8	Fitting - Hydraulic Straight (Incl. Ref. #10 & 12)	2
12	237-81	Seal - O-Ring	4
13	321-23	Screw - Cap Hex. Hd.	2
14	92-9098	Manifold - Tank	1
15	3296-42	Nut - Lock	2
16	354-74	Fitting - Hydraulic Plug (Incl. Ref. #12)	1
17	75-6250	Hose - Hydraulic	1
18	2412-34	Clamp - Hose	3
19	75-5720	Hose - Hydraulic	1
20	353-682	Fitting - Hydraulic Straight	1
21	93-0119	Hose - Hydraulic	1
22	340-77	Fitting - Hydraulic 90° (Incl. Ref. #23 & 25)	1
23	237-22	Seal - O-Ring	6
24	354-73	Fitting - Hydraulic Straight (Incl. Ref. #12)	2

Ref. No.	Part No.	Description	No. Used
25	237-42	Seal - O-Ring	4
26	92-8020	Adapter - Breather	1
27	340-87	Fitting - Hydraulic 45° (Incl. Ref. #25 & 23)	1
28	75-6870	Hose - Hydraulic Suction	1
29	75-0550	Strainer - Suction	1
30	75-6140	Hose - Hydraulic	1
31	75-1300	Hydraulic Filter Head Assy.	1
32	2412-93	Clamp - R	2
33	32144-10	Screw - Hex. Washer Hd.	2
34	75-1310	Element - Hydraulic Filter	1
35	340-139	Fitting - Hydraulic 90° (Incl. Ref. #10 & 12)	1
36	33105-025	Screw - Cap Hex. Hd.	3
37	63-8410	Washer - Flat	3
38	33103-030	Screw - Hex. Hd. Flange	6
39	240-11	Grommet	3
41	3256-24	Washer - Flat	2
42	3253-21	Washer - Lock	2
43	323-4	Screw - Cap Hex. Hd.	2
44	353-550	Fitting - Plug (Incl. Ref. #45)	1
45	237-79	Seal - O-Ring	1
46	92-9096	Hose Assembly	1
47	340-82	Fitting - Hydraulic 90° (Incl. Ref. #23 & 25)	2
48	88-9460	Hose - Hydraulic	1

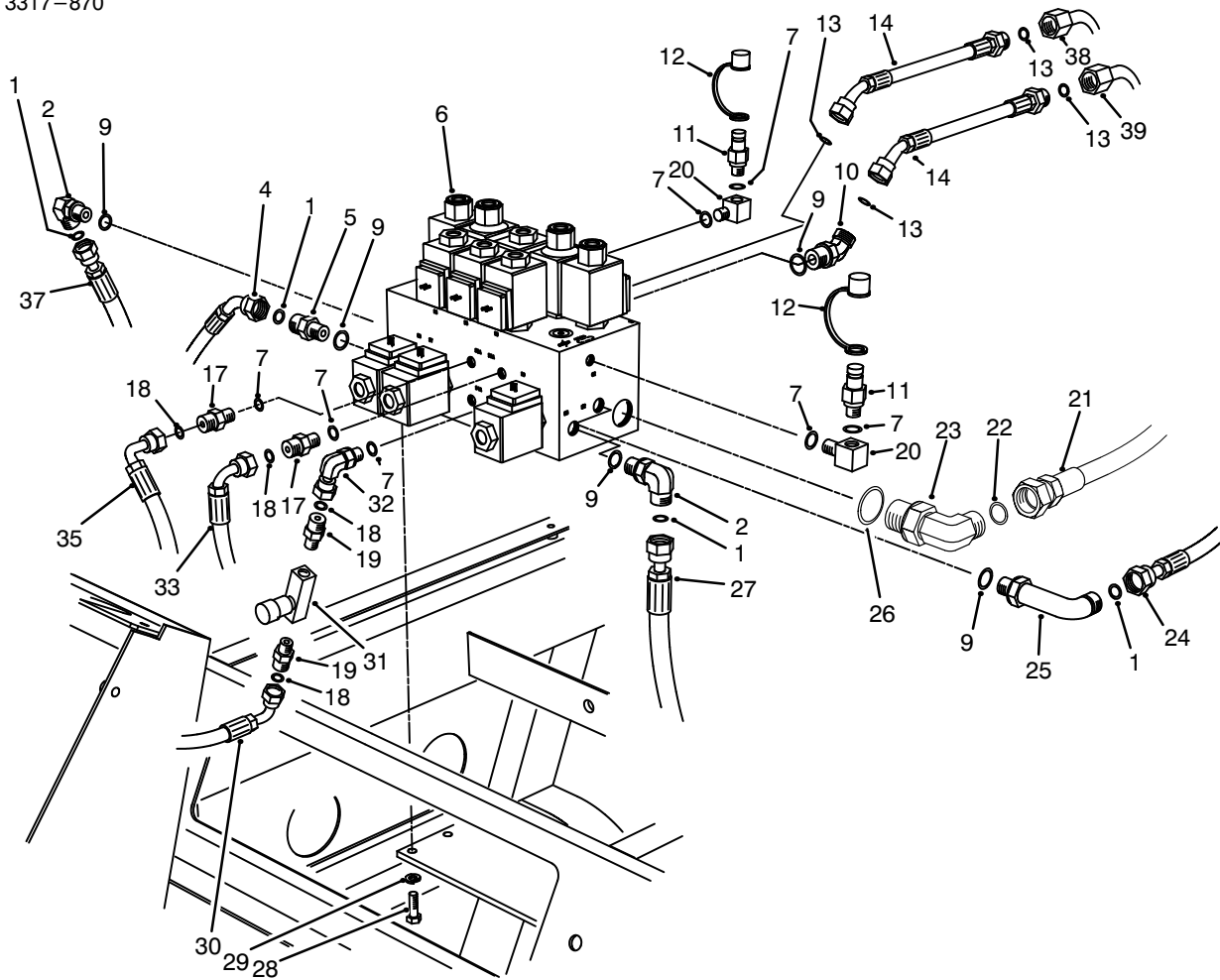


T-1094B

HYDRAULIC CONTROL MANIFOLD ASSEMBLY (Used on Serial No.'s 50101 – 50198)

Ref. No.	Part No.	Description	No. Used
1	237-22	Seal – O-Ring	4
2	340-77	Fitting – Hydraulic 90° (Incl. Ref. #1 & 9)	2
4	92-1725	Hose – Hydraulic	1
5	340-2	Fitting – Hydraulic Straight (Incl. Ref. #1 & 9)	1
6	93-3611	Control Manifold Assembly	1
7	237-78	Seal – O-Ring	6
9	237-79	Seal – O-Ring	2
10	340-101	Fitting – Hydraulic Straight (Incl. Ref. #9 & 13)	2
11	354-77	Fitting – Test Port (Incl. Ref. #7)	2
12	354-79	Cap – Test Port	2
13	237-30	Seal – O-Ring	4
14	86-9190	Hose – Hydraulic	2
17	340-92	Fitting – Hydraulic, Straight (Incl. Ref. #7 & 18)	2
18	237-21	Seal – O-Ring	4
19	340-13	Fitting – Hydraulic Straight (Incl. Ref. #18)	2
20	75-6640	Fitting – Hydraulic 90° (Incl. Ref. #7)	2

Ref. No.	Part No.	Description	No. Used
21	93-0078	Hose – Hydraulic	1
22	237-65	Seal – O-Ring	1
23	340-139	Fitting – Hydraulic 90° (Incl. Ref. #22 & 26)	1
24	92-1721	Hose – Hydraulic	1
25	69-4320	Fitting – Hydraulic 90° (Incl. Ref. #1 & 9)	1
26	237-81	Seal – O-Ring	1
27	92-1723	Hose – Hydraulic	1
28	322-3	Screw – Cap Hex. Hd.	4
29	3253-4	Washer – Lock	4
30	75-5900	Hose – Hydraulic	1
31	82-8270	Valve – Flow Control	1
32	340-143	Fitting – Hydraulic 90° (Incl. Ref. #7)	1
33	93-0118	Hose – Hydraulic	1
35	75-5890	Hose – Hydraulic	1
37	92-1728	Hose – Hydraulic	1
38	75-5250	Tube – Hydraulic	1
39	75-5240	Tube – Hydraulic	1

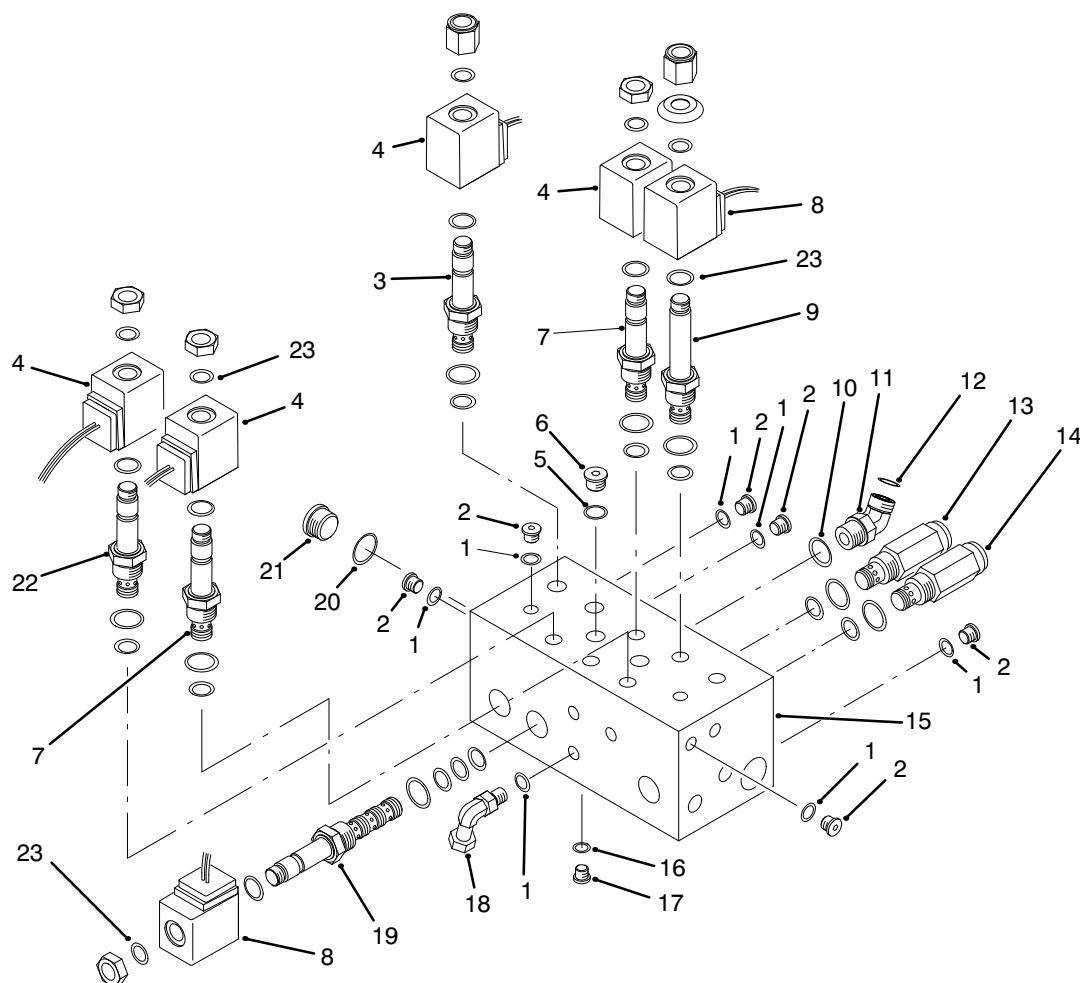


T-1094B

HYDRAULIC CONTROL MANIFOLD ASSEMBLY (Used on Serial No.'s 50301 & Up)

Ref. No.	Part No.	Description	No. Used
1	237-22	Seal - O-Ring	4
2	340-18	Fitting - Hydraulic 90° (Incl. Ref. #1 & 9)	2
4	92-1725	Hose - Hydraulic	1
5	340-3	Fitting - Hydraulic Straight (Incl. Ref. #1 & 9)	1
6	93-3611	Control Manifold Assembly	1
7	237-78	Seal - O-Ring	6
9	237-79	Seal - O-Ring	6
10	340-101	Fitting - Hydraulic 45° (Incl. Ref. #9 & 13)	2
11	354-77	Fitting - Test Port (Incl. Ref. #7)	2
12	354-79	Cap - Test Port	2
13	237-30	Seal - O-Ring	4
14	86-9190	Hose - Hydraulic	2
17	340-92	Fitting - Hydraulic Straight (Incl. Ref. #7 & 18)	2
18	237-21	Seal - O-Ring	4
19	340-13	Fitting - Hydraulic Straight (Incl. Ref. #18)	2
20	75-6640	Fitting - Hydraulic 90° (Incl. Ref. #7)	2

Ref. No.	Part No.	Description	No. Used
21	93-0078	Hose - Hydraulic	1
22	237-65	Seal - O-Ring	1
23	340-139	Fitting - Hydraulic 90° (Incl. Ref. #22 & 26)	1
24	92-1721	Hose - Hydraulic	1
25	93-3612	Fitting - Hydraulic 90° (Incl. Ref. #1 & 9)	1
26	237-81	Seal - O-Ring	1
27	92-1723	Hose - Hydraulic	1
28	322-3	Screw - Cap Hex. Hd.	4
29	3253-4	Washer - Lock	4
30	75-5900	Hose - Hydraulic	1
31	82-8270	Valve - Flow Control	1
32	340-143	Fitting - Hydraulic 90° (Incl. Ref. #7)	1
33	93-0118	Hose - Hydraulic	1
35	75-5890	Hose - Hydraulic	1
37	92-1728	Hose - Hydraulic	1
38	75-5250	Tube - Hydraulic	1
39	75-5240	Tube - Hydraulic	1



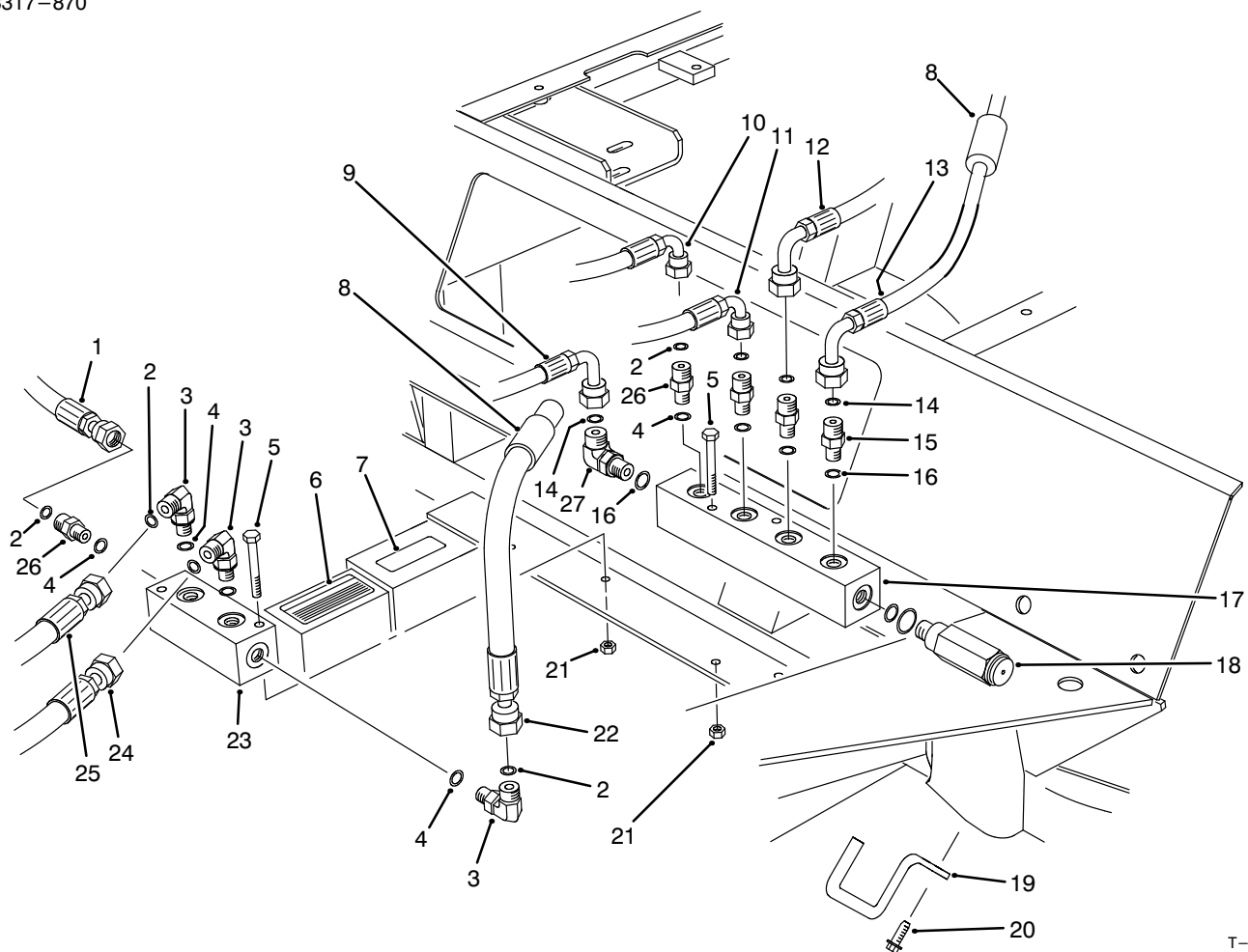
T-1503

CONTROL MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237-78	Seal - O-Ring	12
2	353-990	Plug (Incl. Ref. #1)	11
3	88-7020	Cartridge - N.O. (Use Seal Kit #75-2080)	2
4	88-9190	Solenoid - 20 Watt	6
5	237-42	Seal - O-Ring	2
6	353-989	Plug (Incl. Ref. #5)	2
7	94-2685	Cartridge - N.C. (Use Seal Kit #75-2080)	3
8	88-9200	Solenoid - 28 Watt	5
9	88-6970	Cartridge - N.O. (Use Seal Kit #75-2080)	2
10	237-79	Seal - O-Ring	1
11	340-101	Fitting - Hydraulic 45° (Incl. Ref. #10 & 12)	1
12	237-30	Seal - O-Ring	1
13	75-0920	Cartridge - Relief 3000 psi (Use Seal Kit #75-2080)	1

Ref. No.	Part No.	Description	No. Used
14	75-2010	Cartridge - Relief 2000 psi (Use Seal Kit #75-2080)	1
15		Body - Manifold	1
16	237-156	Seal - O-Ring	2
17	353-991	Plug (Incl. Ref. #16)	2
18	340-143	Fitting - Hydraulic 90° (Incl. Ref. #1)	1
19	88-6960	Cartridge - 4W/2P (Use Seal Kit #75-2090)	3
20	237-80	Seal - O-Ring	1
21	354-70	Plug (Incl. Ref. #20)	1
22	92-6315	Cartridge - N.C. (Use Seal Kit #75-2080)	1
23	94-5438	Seal - Solenoid	12
*	75-2080	Kit - Seal	10
*	75-2090	Kit - Seal	3

*Not Illustrated



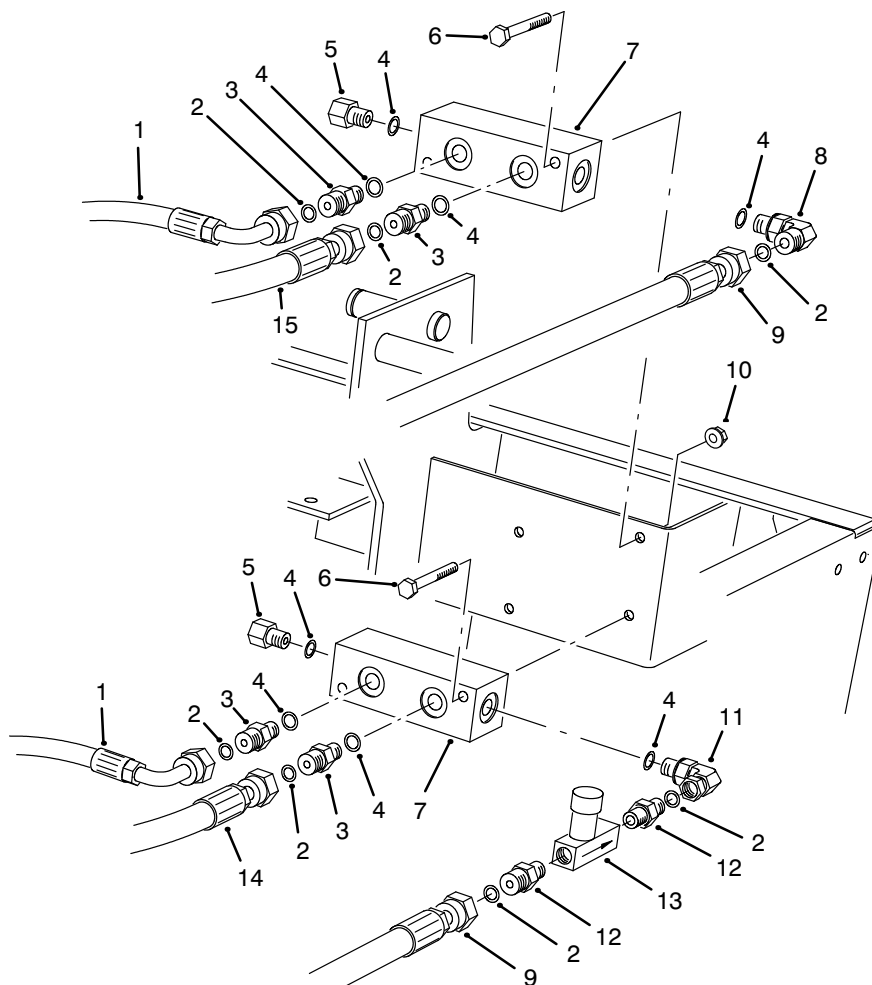
T-1058B

FRONT HYDRAULIC MANIFOLDS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	92-1722	Hose - Hydraulic	1	14	237-22	Seal - O-Ring	2
2	237-21	Seal - O-Ring	7	15	340-2	Fitting - Hydraulic Straight (Incl. Ref. #14 & 16)	2
3	340-132	Fitting - Hydraulic 90° (Incl. Ref. #2 & 4)	3	16	237-42	Seal - O-Ring	2
4	237-78	Seal - O-Ring	7	17	93-0139	Manifold - Hydraulic	1
5	321-18	Screw - Cap Hex. Hd.	4	18	93-0143	Cartridge - Relief 250 psi (Use Seal Kit #75-2080)	1
†6	88-0440	Decal - Floor Plate	1	19	75-5300	Rod - Hose Support	2
6	93-6693	Decal - Floor Plate (Europe)	1	20	49-2040	Screw - Hex. Washer Hd.	4
†7	85-4730	Decal - Hydraulic Oil (English)	1	21	3296-42	Nut - Lock	4
7	93-6686	Decal - Hydraulic Oil (Europe)	1	22	92-9096	Hose - Hydraulic	1
8	38-3400	Guard - Rubber	2	23	75-1180	Manifold - Hydraulic	1
9	75-5940	Hose - Hydraulic	1	24	92-1726	Hose - Hydraulic	1
10	75-5890	Hose - Hydraulic	1	25	92-1729	Hose - Hydraulic	1
11	75-5910	Hose - Hydraulic	1	26	340-92	Fitting - Hydraulic Straight (Incl. Ref. #2 & 4)	4
12	93-0118	Hose - Hydraulic	1	27	340-77	Fitting - Hydraulic 90° (Incl. Ref. #14 & 16)	1
13	93-0119	Hose - Hydraulic	1				

*Not Illustrated

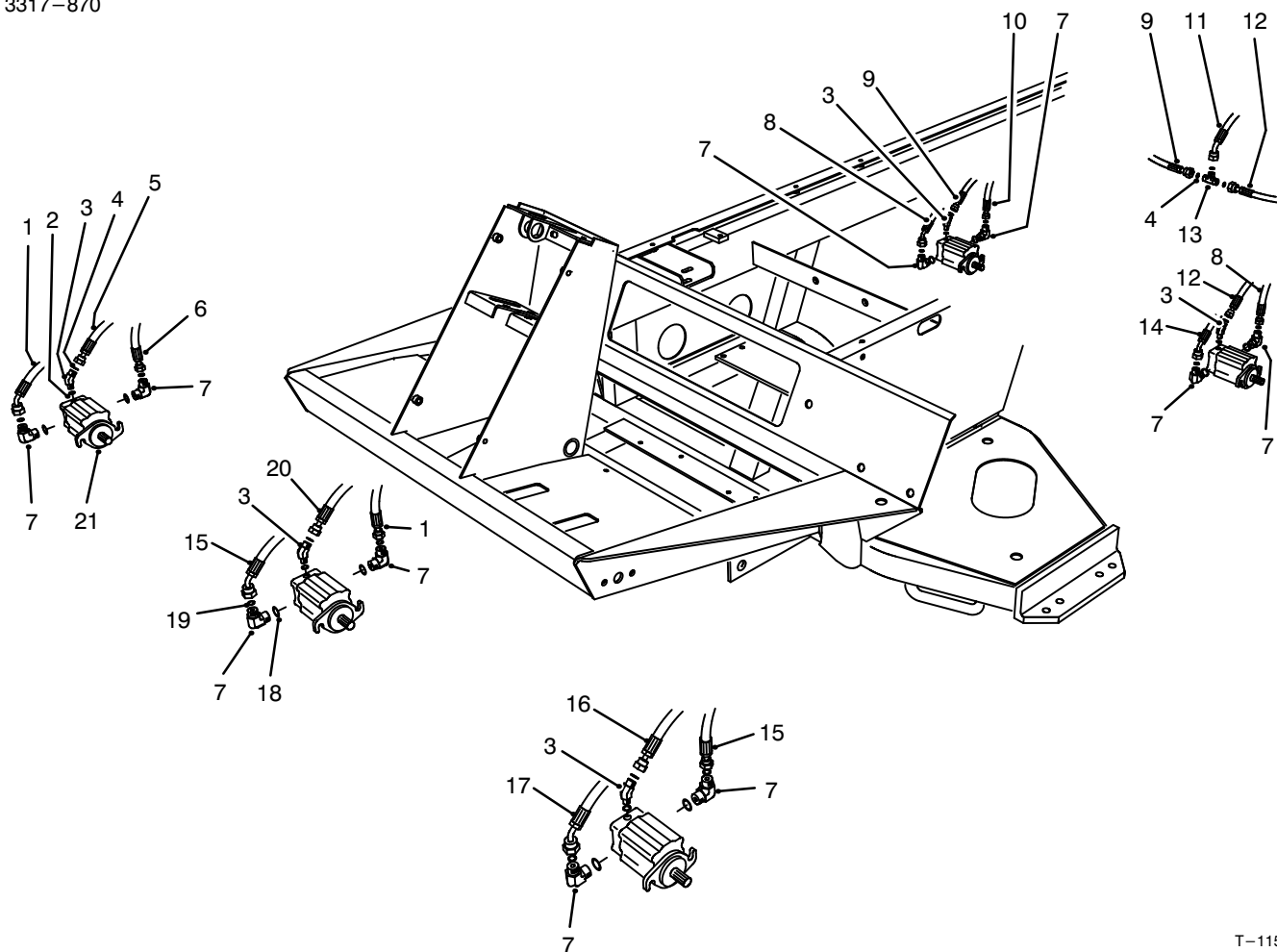
†For different language versions of this part, see International Parts Page.



T-1095A

REAR HYDRAULIC MANIFOLDS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	75-6180	Hose - Hydraulic	2	9	93-0118	Hose - Hydraulic	2
2	237-21	Seal - O-Ring	7	10	32128-33	Nut - Lock, Flange	4
3	340-92	Fitting - Hydraulic Straight (Incl. Ref. #2 & 4)	4	11	340-143	Fitting - Hydraulic 90° (Incl. Ref. #4)	1
4	237-78	Seal - O-Ring	8	12	340-13	Fitting - Hydraulic Straight (Incl. Ref. #2)	2
5	353-512	Fitting - Hydraulic Plug (Incl. Ref. #4)	2	13	82-8270	Valve - Flow Control	1
6	321-11	Screw - Cap Hex. Hd.	4	14	75-6080	Hose - Hydraulic	1
7	75-1180	Manifold	2	15	75-6070	Hose - Hydraulic	1
8	340-132	Fitting - Hydraulic 90° (Incl. Ref. #2 & 4)	1				

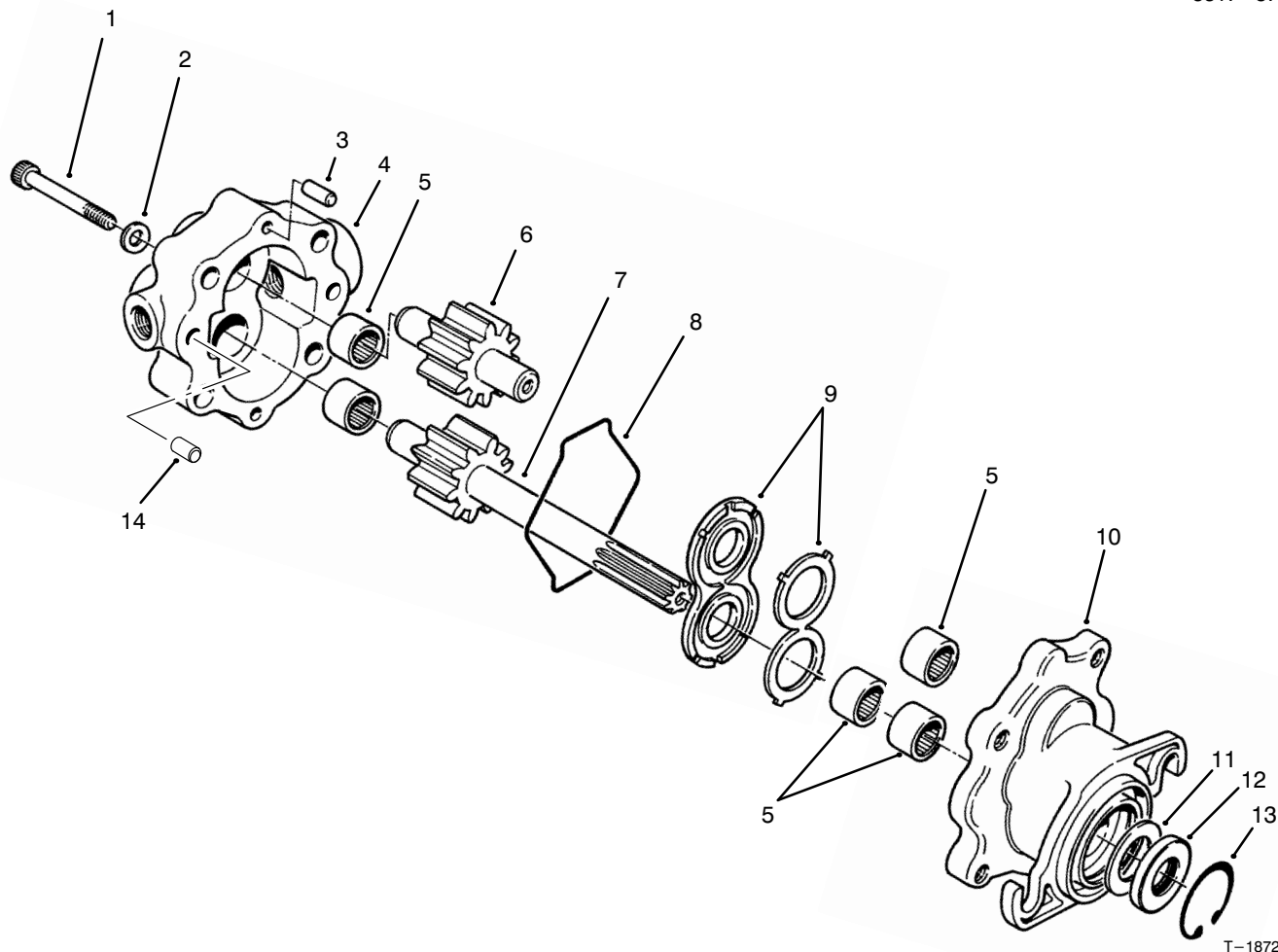


T-1150

CUTTING UNIT HYDRAULIC COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	92-1724	Hose - Hydraulic	1
2	237-78	Seal - O-Ring	5
3	340-103	Fitting - Hydraulic 45° (Incl. Ref. #2 & 4)	5
4	237-21	Seal - O-Ring	8
5	92-1722	Hose - Hydraulic	1
6	92-1725	Hose - Hydraulic	1
7	340-18	Fitting - Hydraulic 90° (Incl. Ref. #18 & 19)	10
8	92-1719	Hose - Hydraulic	1
9	91-1717	Hose - Hydraulic	1
10	92-1723	Hose - Hydraulic	1

Ref. No.	Part No.	Description	No. Used
11	88-9460	Hose - Hydraulic	1
12	92-1718	Hose - Hydraulic	1
13	340-21	Fitting - Hydraulic Tee (Incl. Ref. #4)	1
14	92-1721	Hose - Hydraulic	1
15	92-1727	Hose - Hydraulic	1
16	92-1726	Hose - Hydraulic	1
17	92-1728	Hose - Hydraulic	1
18	237-79	Seal - O-Ring	10
19	237-22	Seal - O-Ring	10
20	92-1729	Hose - Hydraulic	1
21	92-8759	Motor - Hydraulic	5

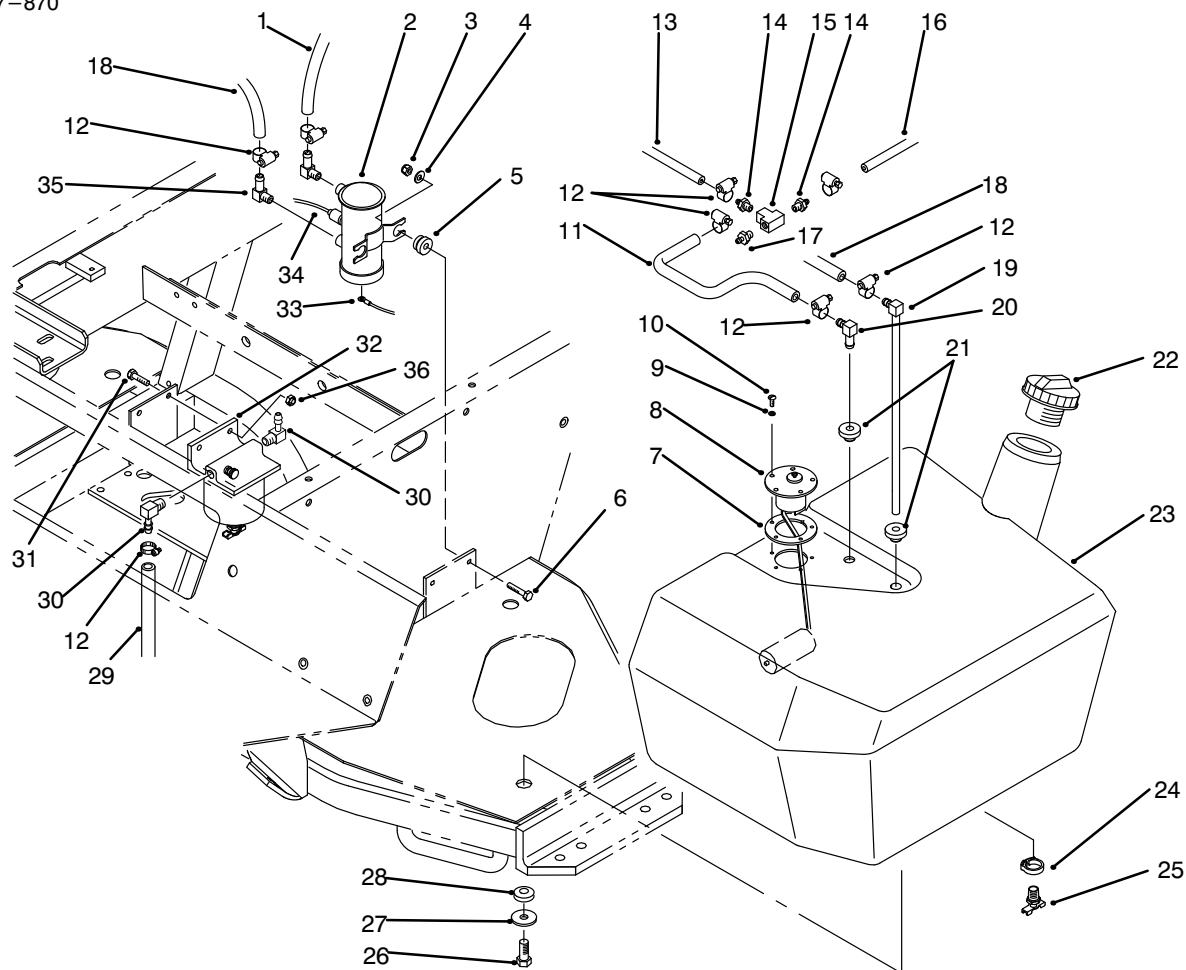


T-1872

REEL MOTOR ASSEMBLY NO. 92-8759

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	354-50	Screw-Hex Socket Hd.	4	9	74-3810	Load Plate Assembly	1
2	354-51	Washer	4	10	92-8795	Body Assy. (Incl. Ref. #5)	1
3	353-599	Pin-Dowel	2	†11		Spacer	1
4	92-8794	Cover Assy. (Incl. Ref. #5)	1	†12		Seal-Shaft	1
†5		Bearing-Needle	5	13	32151-41	Ring-Retaining	1
6	354-45	Idler Gear Assembly	1	14	92-8796	Pin - Dowel	2
7	354-49	Drive Shaft Assembly	1	*	92-8863	Repair Kit (Incl. Ref. #8, & 11-13)	1
8	354-46	Ring-Seal	1				

*Not Illustrated



T-1884A

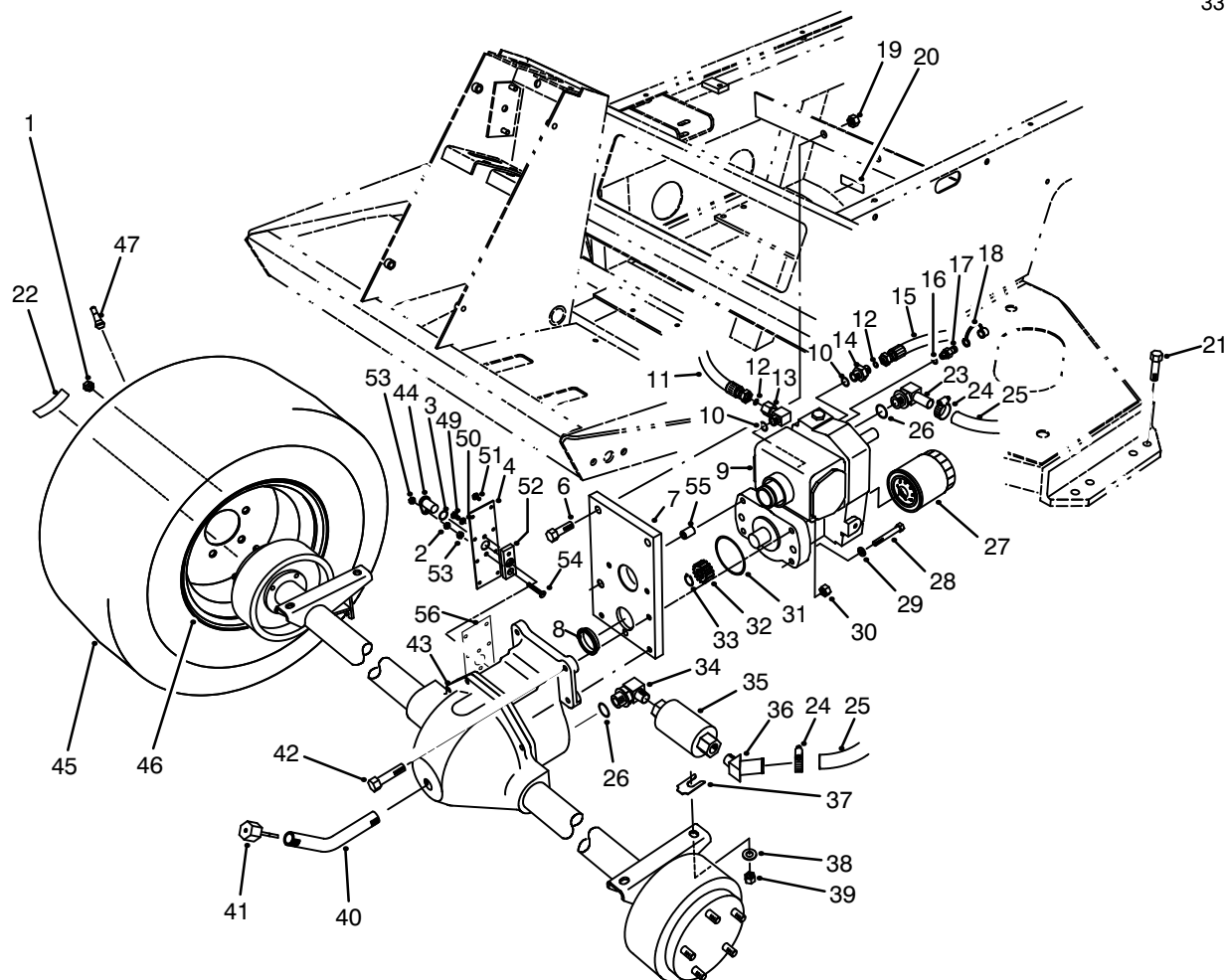
FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7610	Hose - Fuel	1
2	53-8150	Fuel Pump Assembly (Incl. Ref. #5 & 33-34)	1
3	3296-42	Nut - Lock	2
4	3256-22	Washer - Flat	2
†5		Mount - Rubber	2
6	321-8	Screw - Cap Hex. Hd.	2
7	62-7650	Gasket - Sending Unit	1
8	63-7640	Unit - Sending	1
9	3253-15	Washer - Lock	5
10	32122-24	Screw - Round Hd.	5
11	27-5340	Hose - Fuel	1
12	2412-108	Clamp - Hose	11
13	75-4700	Hose - Fuel	1
14	354-22	Fitting - Fuel Straight	2
15	354-20	Fitting - Fuel Tee	1
16	75-4701	Hose - Fuel	1
17	354-21	Fitting - Fuel Straight	1
18	44-2670	Hose - Fuel	1

Ref. No.	Part No.	Description	No. Used
19	66-8121	Standpipe - Elbow 90°	1
20	46-6550	Connector - Fuel Elbow 90°	1
21	46-6560	Grommet	2
22	93-3102	Cap - Fuel Tank	1
23	94-3510	Fuel Tank Assembly (Incl. Ref. #24-25)	1
24	2412-36	Clamp - Drain	1
25	304-46	Fitting - Drain	1
26	33103-025	Screw - Hex. Hd. Flange	3
27	63-8410	Washer - Flat	3
28	240-11	Grommet	3
29	63-7628	Hose - Fuel	1
30	353-781	Fitting - 90°	2
31	321-6	Screw - Cap Hex. Hd.	2
32	63-7650	Filter - Fuel	1
33	70-8530	Wire - Fuel Pump	1
34	218-579	Wire - Fuel Pump	1
35	67-1690	Fitting - Fuel Elbow 90°	2
36	32128-33	Nut - Lock, Flange	2

*Not Illustrated

†Not Serviced Separately

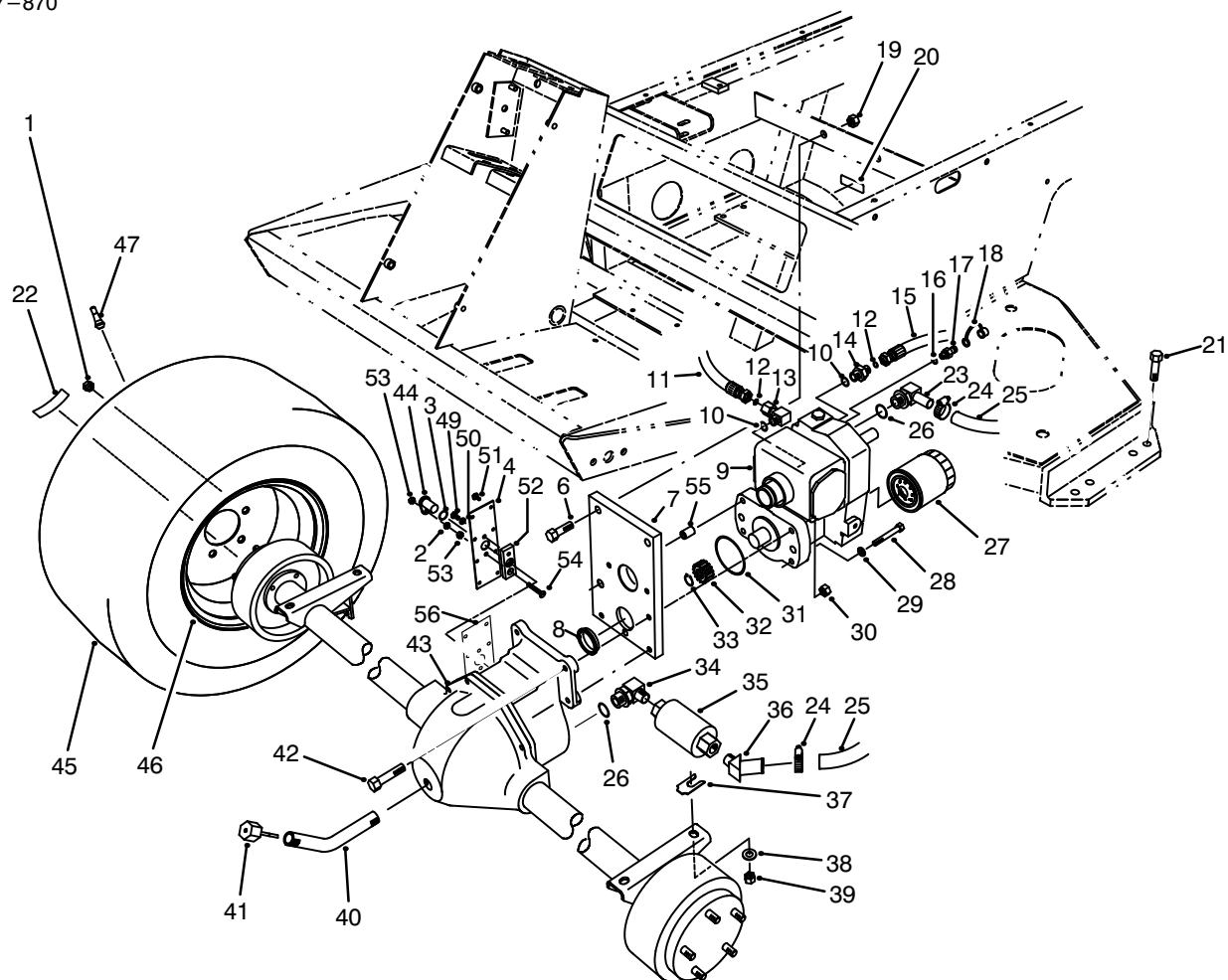


T-1050B

FRONT AXLE & TRANSMISSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	23-7270	Nut – Lug	10	22	76-8730	Decal – Bolt Torque	2
2	3218-1	Nut – Jam	1	23	75-4720	Fitting – Hydraulic 90° (Incl. Ref. #26)	1
3	237-181	Seal – O-Ring	1	24	2412-129	Clamp – Hose	2
4	85-4330	Cover – Gear	1	25	75-6350	Hose	1
6	325-7	Screw – Cap Hex. Hd.	2	26	237-81	Seal – O-Ring	2
7	92-4846	Transmission Support Assy. (Incl. Ref. #8 & 55)	1	27	75-1330	Filter – Oil	1
8	75-3110	Collar – Transmission	1	28	323-12	Screw – Cap Hex. Hd.	2
9	75-0010	Transmission Assembly	1	29	3253-21	Washer – Lock	2
10	237-79	Seal – O-Ring	2	30	3296-39	Nut – Lock	2
11	75-6170	Hose – Hydraulic	1	31	237-161	Seal – O-Ring	1
12	237-22	Seal – O-Ring	2	32	86-7220	Gear – Pinion	1
13	340-18	Fitting – Hydraulic 90° (Incl. Ref. #10 & 12)	1	33	32151-62	Ring – Retaining	1
14	340-3	Fitting – Hydraulic Straight (Incl. Ref. #10 & 12)	1	34	354-75	Fitting – Hydraulic 90° (Incl. Ref. #26)	1
15	75-6150	Hose – Hydraulic	1	35	75-6340	Strainer – In-Line	1
16	237-78	Seal – O-Ring	1	36	354-72	Fitting – Hydraulic 45°	1
17	354-77	Fitting – Hydraulic Test Port (Incl. Ref. #16)	1	37	42-6080	Shim – Axle	A/R
18	354-79	Cap – Test Port	1	38	66-6480	Washer – Flat	4
19	3296-23	Nut – Lock	2	39	3296-48	Nut – Lock	4
‡20	77-0490	Decal – Bolt	1	40	75-6850	Tube – Oil Fill	1
20	93-6691	Decal – Bolt (Europe)	1	41	27-3710	Dipstick – Axle	1
21	324-7	Screw – Cap Hex. Hd.	4	42	323-20	Screw – Cap Hex. Hd.	2
				43	86-7200	Front Axle Assembly	1
				44	85-4350	Sensor – Gear Tooth	1

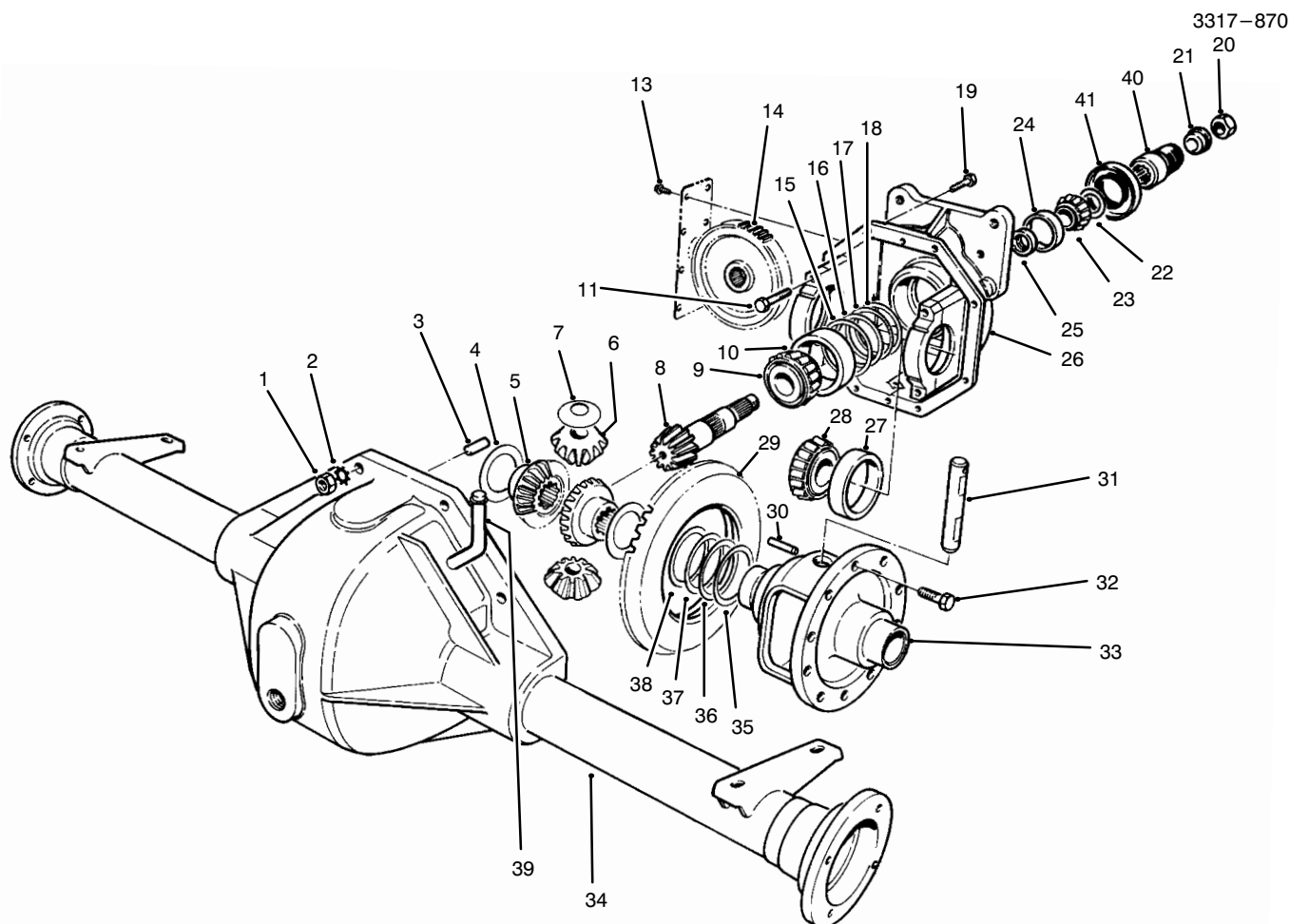
‡For different language versions of this part, see International Parts Page.



T-1050B

FRONT AXLE & TRANSMISSION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
45	231-134	Tire	2	52	85-4340	Plate - Sensor Mounting	1
46	217-120	Rim	2	53	3296-56	Nut - Lock	2
47	232-27	Stem - Valve	2	54	32108-9	Screw - Machine	1
49	321-2	Screw - Cap Hex. Hd.	1	55	92-4808	Sleeve - Trans. Pilot	1
50	3253-3	Washer - Lock	1	56	92-5797	Gasket - Axle	1
51	32144-112	Screw - Cap Hex. Hd.	8				



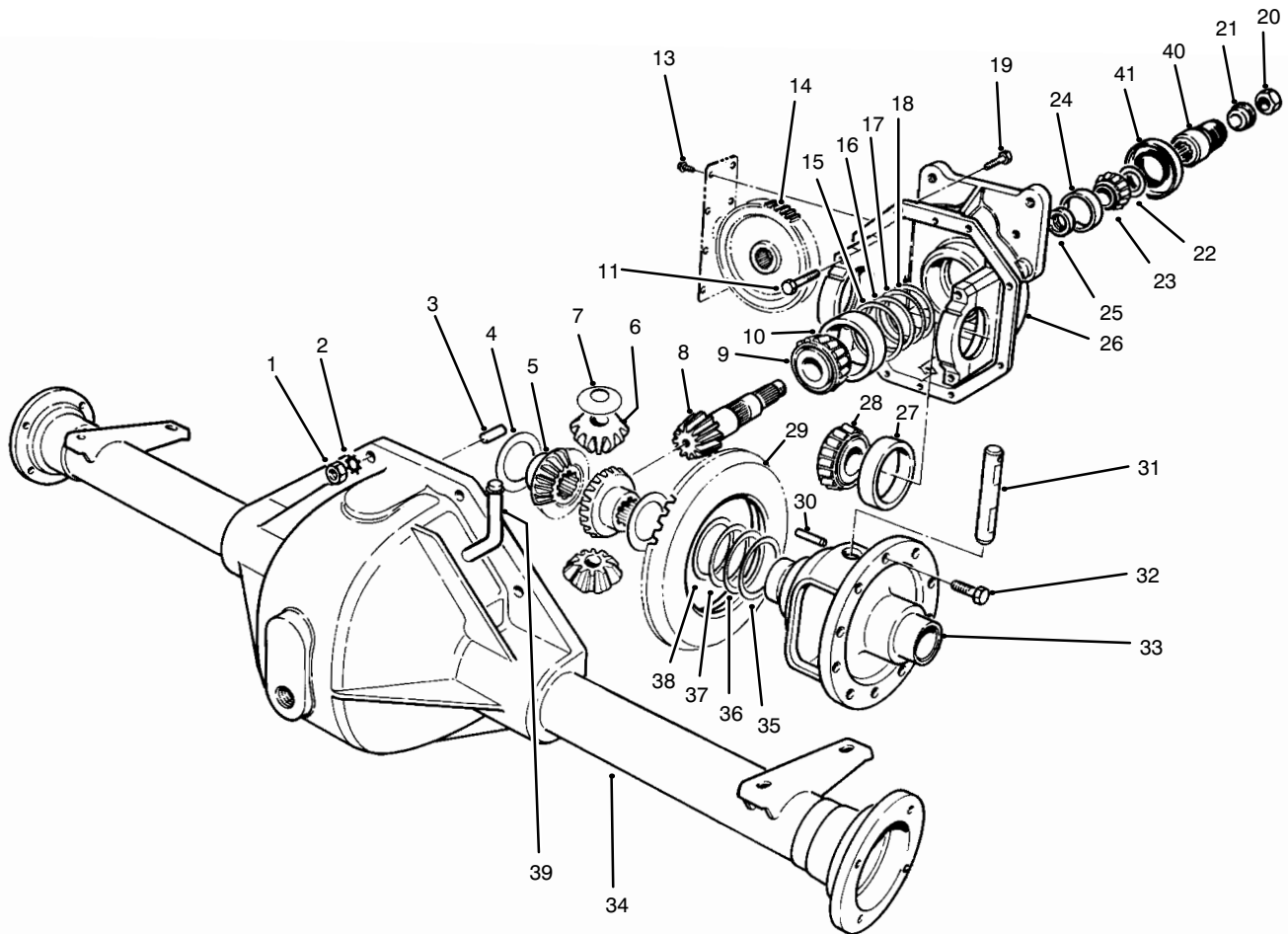
T-1315

FRONT AXLE ASSEMBLY NO. 86-7200

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3219-2	Nut	8	22	72-3573	Shim .100 - Diff. Adjust.	A/R
2	3255-8	Washer-Lock	8	*	72-3574	Shim .102 - Diff. Adjust.	A/R
3	21-8270	Pin-Dowel	2	*	72-3575	Shim .104 - Diff. Adjust.	A/R
4	21-7720	Washer-Thrust	2	*	72-3576	Shim .106 - Diff. Adjust.	A/R
5	24-8790	Gear-Bevel, Differential	2	*	72-3577	Shim .108 - Diff. Adjust.	A/R
6	21-7690	Gear-Pinion	2	*	72-3578	Shim .110 - Diff. Adjust.	A/R
7	21-7730	Washer-Thrust	2	*	72-3580	Shim .112 - Diff. Adjust.	A/R
†8		Pinion-Drive	1	*	72-3581	Shim .114 - Diff. Adjust.	A/R
9	43-6760	Cone-Bearing, tapered	1	*	72-3582	Shim .116 - Diff. Adjust.	A/R
10	43-6750	Cup-Bearing, Tapered	1	*	72-3583	Shim .118 - Diff. Adjust.	A/R
11	92-1773	Screw-Cap, Hex Hd.	4	*	72-3584	Shim .120 - Diff. Adjust.	A/R
13	32144-112	Screw-Thread Forming	8	*	72-3585	Shim .125 - Diff. Adjust.	A/R
14	86-7230	Gear-Spur	1	*	72-3586	Shim .127 - Diff. Adjust.	A/R
15	43-6710	Diff. Adjust. Shim .003	A/R	*	72-3587	Shim .129 - Diff. Adjust.	A/R
16	43-6711	Diff. Adjust. Shim .005	A/R	*	72-3588	Shim .131 - Diff. Adjust.	A/R
17	43-6712	Diff. Adjust. Shim .010	A/R	*	72-3590	Shim .133 - Diff. Adjust.	A/R
18	43-6713	Diff. Adjust. Shim .030	A/R	*	72-3591	Shim .135 - Diff. Adjust.	A/R
19	3210-7	Screw-Cap, Hex Hd.	8	*	72-3592	Shim .137 - Diff. Adjust.	A/R
20	71-4350	Nut	1	*	72-3593	Shim .139 - Diff. Adjust.	A/R
21	83-5130	Spacer - Pinion	1	*	72-3594	Shim .141 - Diff. Adjust.	A/R
22	72-3570	Shim .094 - Diff. Adjust.	A/R	*	72-3595	Shim .143 - Diff. Adjust.	A/R
*	72-3571	Shim .096 - Diff. Adjust.	A/R	*	72-3596	Shim .145 - Diff. Adjust.	A/R
*	72-3572	Shim .098 - Diff. Adjust.	A/R	*	72-3597	Shim .147 - Diff. Adjust.	A/R

*Not Illustrated

†Not Serviced Separately



T-1315

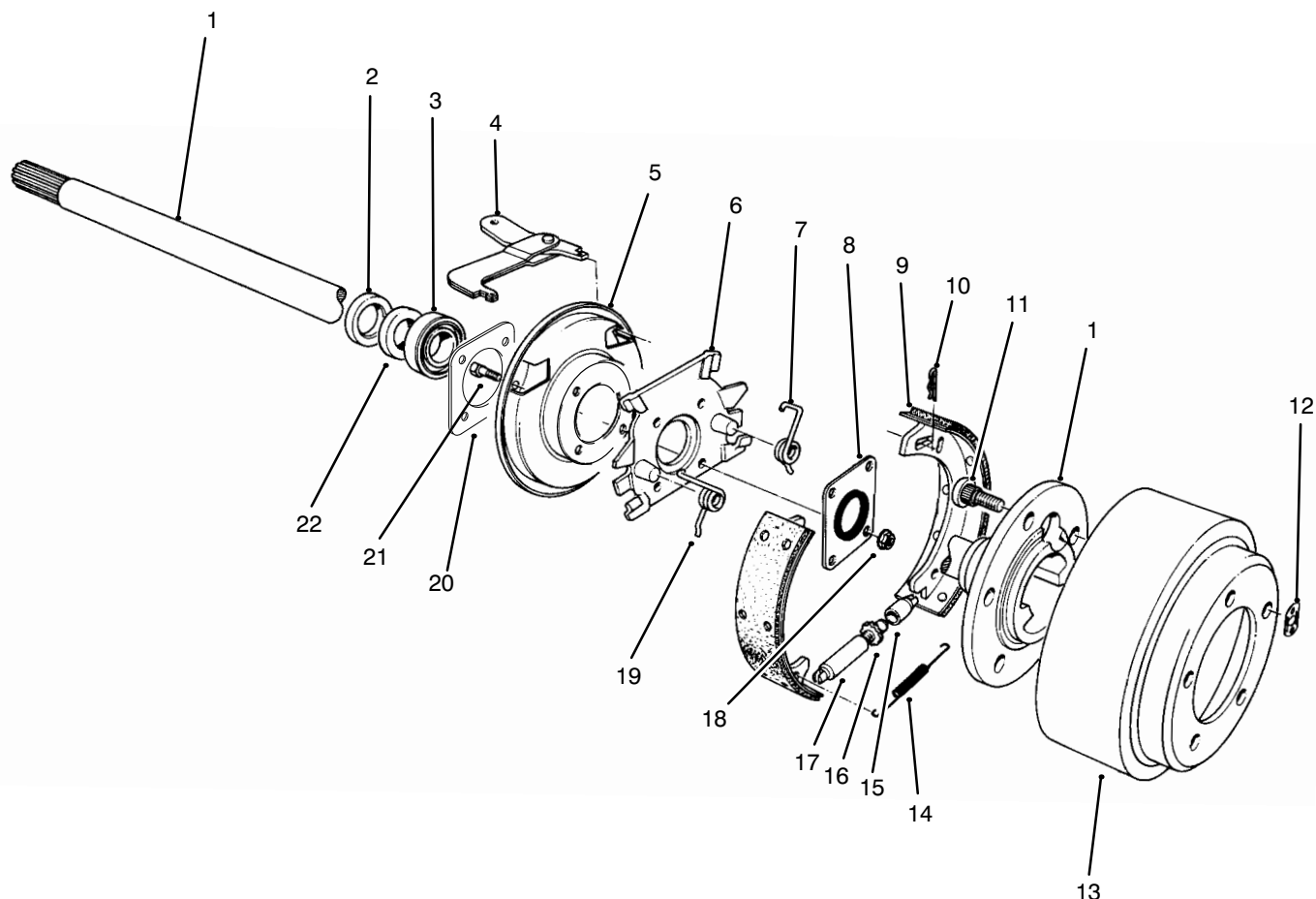
FRONT AXLE ASSEMBLY NO. 86-7200 (Continued)

Ref. No.	Part No.	Description	No. Used
22	72-3598	Shim .149 - Diff. Adjust.	A/R
*	72-3600	Shim .151 - Diff. Adjust.	A/R
23	254-91	Cone-Bearing	1
24	21-8390	Cup-Bearing	1
25	21-8020	Spacer-Front Pinion	1
26	86-7190	Upper Housing (Incl. Ref. #11)	1
27	254-66	Cup-Tapered Bearing	2
28	254-65	Cone-Tapered Bearing	2
†29		Gear-Ring	1
30	21-7710	Pin-Roll	1
31	21-7700	Shaft-Pinion Mate	1
32	21-7770	Screw-Drive Gear	5
33	21-7670	Case-Differential	1

Ref. No.	Part No.	Description	No. Used
34	75-0720	Housing-Lower	1
35	21-8120	Diff. Adjust. Shim .030	A/R
36	21-8110	Diff. Adjust. Shim .010	A/R
37	21-8100	Diff. Adjust. Shim .005	A/R
38	21-8090	Diff. Adjust. Shim .003	A/R
39	21-8230	Vent Tube Assembly	1
40	83-4910	Coupler - Pinion	1
41	71-4330	Seal	1
*	92-1676	Gear & Pinion Assembly (Incl. Ref. #8 & 29)	1
*	88-3500	Assembly - Differential (Incl. Ref. #4-10, 14-33, 35-38, 40 & 41)	1

*Not Illustrated

†Not Serviced Separately



T-0421B

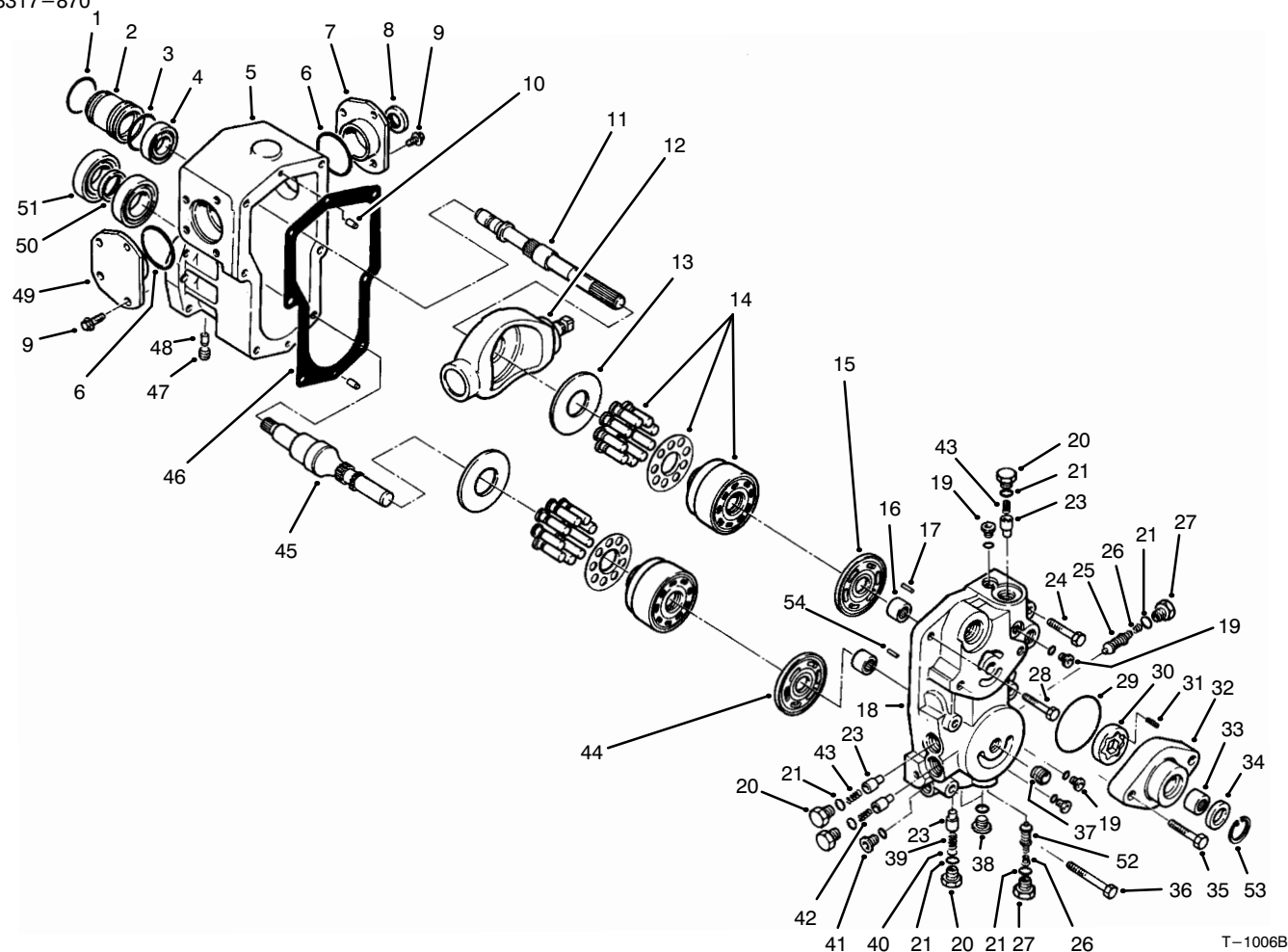
BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-6862	Shaft-Axle, Flanged L.H.	1
*	27-6852	Shaft-Axle, Flanged R.H.	1
2	92-1774	Seal-Oil	2
3	21-8180	Bearing	2
4	24-9180	Lever, Brake, Parking	2
5	21-9450	Shield-Dust	2
6	43-6810	Spider-Torque	2
7	21-9430	Spring-Shoe Return, R.H.	2
8	28-0670	Seal-Oil	2
9	84-8590	Shoe & Lining Assembly	4
10	21-9460	Retainer-Brake, Parking	4
11	242-34	Stud-Flange, Axle	10
12	21-8360	Clip-Retaining	2

Ref. No.	Part No.	Description	No. Used
13	28-0680	Drum-Brake	2
14	21-9440	Spring-Adjusting Screw	2
15	21-9390	Socket-Adjusting Screw	2
16	21-9370	Screw-Adjusting	2
17	21-9380	Nut-Pivot	2
18	43-6800	Nut-Lock	8
19	21-9420	Spring-Shoe Return, L.H.	2
20	93-7416	Insert - Dust Shield	2
21	28-0660	Screw-Cap, Hex Hd.	8
22	24-8840	Ring-Bearing, Wheel	2
*	92-8775	Gasket - Kit, Liquid	1
*	84-8600	Set of Lined Brake Shoes	1

*Not Illustrated

3317-870

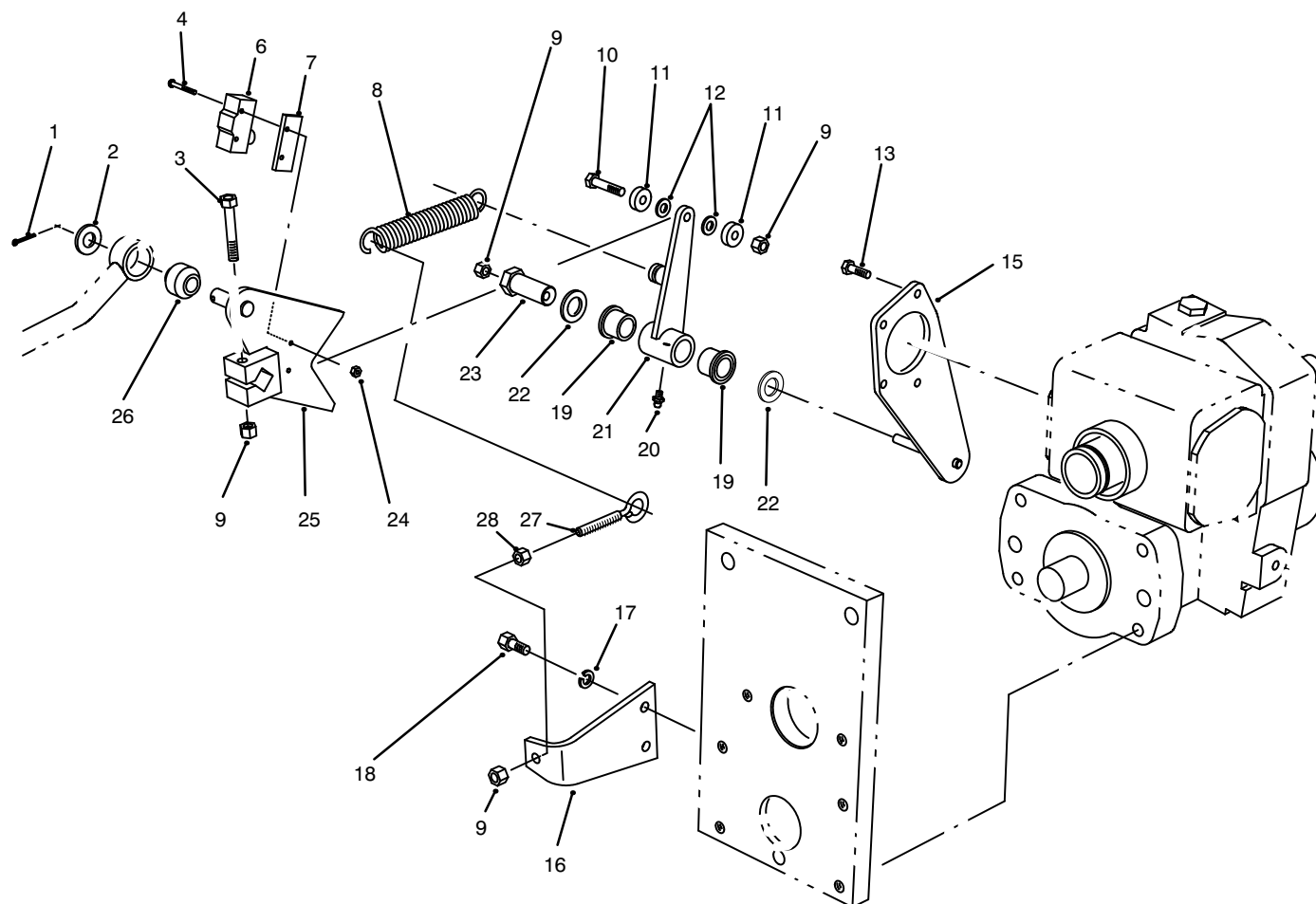


TRANSMISSION ASSEMBLY NO. 75-0010

Ref. No.	Part No.	Description	No. Used
1	75-0430	Ring - Retaining	1
2	75-0150	Guide - Seal	1
3	75-0410	O-Ring	1
4	75-0520	Bearing - Ball	1
5	75-0020	Housing	1
6	75-0210	O-Ring	2
7	86-7520	Trunnion Cover Assy. R.H.	1
8	75-0230	Seal - Lip	1
9	75-0090	Screw - Cap Hex Hd.	8
10	75-0480	Pin	2
11	86-7540	Shaft - Pump	1
12	75-0390	Plate - Swash	1
13	75-0400	Plate - Thrust	2
14	75-0470	Cylinder Block Kit	2
15	75-0380	Plate - Valve	1
16	75-0500	Bearing - Needle	2
17	75-0510	Pin	2
18	75-0040	Center Section	1
19	75-0170	Plug - Straight Thread	4
20	75-0060	Plug	4
21	75-0240	O-Ring	6
23	75-0260	Valve - Relief	4
24	75-0130	Screw - Cap Hex Hd.	3
25	75-0300	Valve - SCR	1
26	75-0140	Spring - Conical	1
27	75-0190	Plug - Special	2
28	75-0120	Screw - Cap Hex Hd.	1

Ref. No.	Part No.	Description	No. Used
29	75-0370	O-Ring	1
30	75-0360	Gerotor	1
31	75-0350	Pin	1
32	83-4780	Housing - Charge Pump	1
33	75-0340	Bearing - Needle	1
34	75-0330	Seal - Lip	1
35	75-0110	Screw - Cap Hex Hd.	2
36	75-0180	Screw - Cap Hex Hd.	2
37	75-0320	Nipple	1
38	75-0200	Plug - Straight Thread	2
39	75-0270	Spring	1
40	75-0310	Shim	1
41	75-0070	Plug	1
42	75-0280	Spring	1
43	75-0290	Spring	2
44	93-0083	Plate - Valve	1
45	75-0440	Shaft - Motor	1
46	75-0030	Gasket - Housing	1
47	75-0160	Plug - Pipe	1
48	75-0220	Pin	2
49	86-7530	Trunnion Cover Assy. L.H.	1
50	75-0450	Collar	1
51	75-0460	Bearing - Ball	2
52	75-6930	Valve - SCR	1
53	32120-74	Ring - Retaining	1
54	75-0250	Pin - Slotted	1

*Not Illustrated

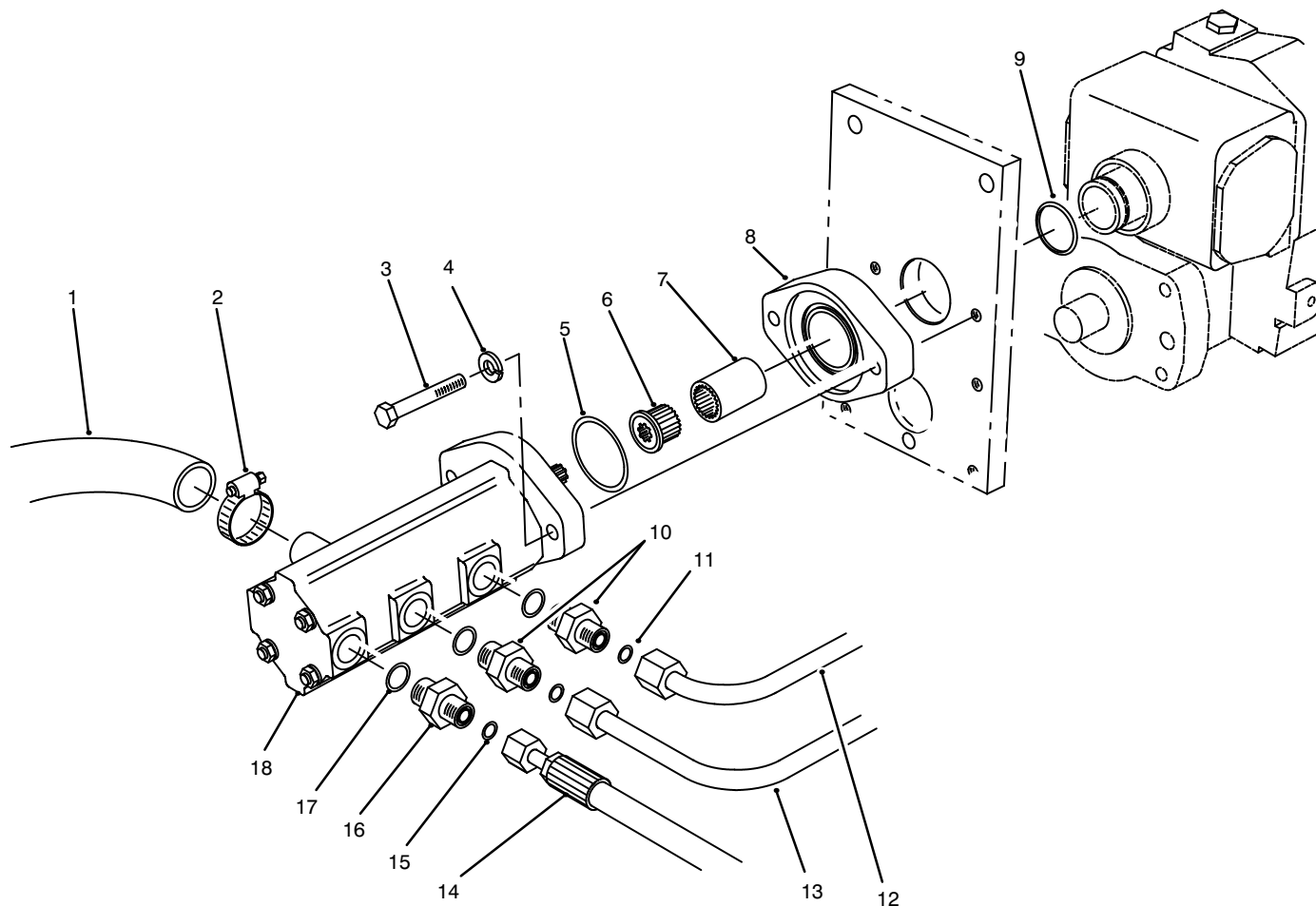


T-1051

TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3272-10	Pin - Cotter	1
2	3256-26	Washer - Flat	1
3	322-10	Screw - Cap Hex. Hd.	1
4	32105-21	Screw	2
6	29-6162	Switch - Neutral	1
7	75-4130	Plate - Switch	1
8	76-9430	Spring - Extension	1
9	3296-29	Nut - Lock	4
10	322-7	Screw - Cap Hex. Hd.	1
11	251-259	Bearing - Ball	2
12	75-5470	Spacer	2
13	32144-22	Screw - Cap Hex. Hd.	4
15	75-4080	Plate - Traction	1
16	85-9900	Plate - Spring Anchor	1

Ref. No.	Part No.	Description	No. Used
17	3253-4	Washer - Lock	2
18	322-3	Screw - Cap Hex. Hd.	2
19	256-113	Bushing - Flange	2
20	302-5	Fitting - Grease	1
21	92-2581	Switch Arm Assembly (Incl. Ref. #19 & 20)	1
22	3-6498	Washer - Thrust	2
23	76-8640	Stud - Traction	1
24	3296-9	Nut - Hex.	2
25	75-4100	Control - Pump	1
26	23-2270	Bushing - Rubber	1
27	85-9910	Eyebolt	1
28	3217-6	Nut - Hex.	1

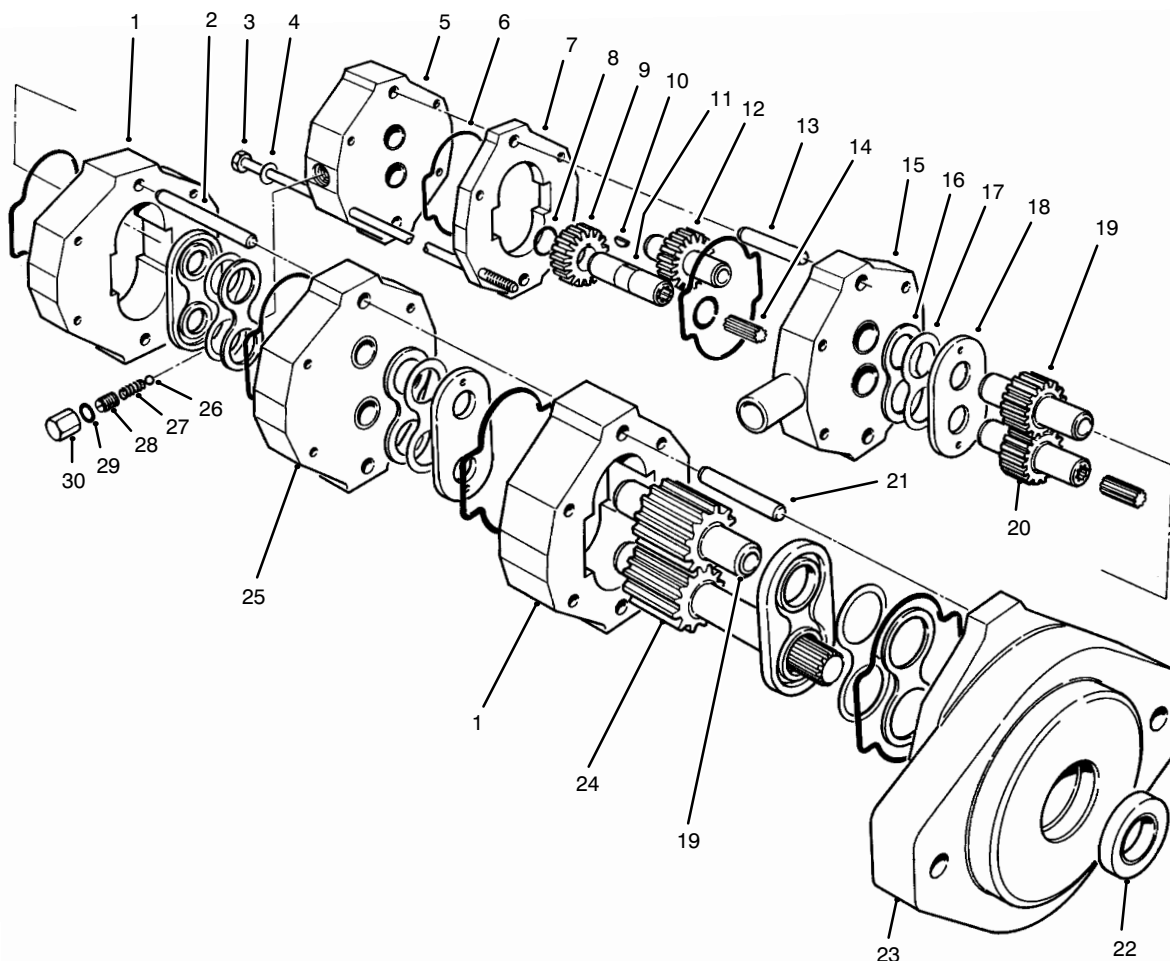


T-1052

GEAR PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-6870	Hose - Suction	1
2	2412-34	Clamp - Hose	1
3	323-12	Screw - Cap Hex. Hd.	2
4	3253-5	Washer - Lock	2
5	237-162	Seal - O-Ring	1
6	86-9200	Sleeve - Pump	1
7	75-2430	Coupling - Transmission	1
8	75-4400	Adaptor - Transmission	1
9	237-163	Seal - O-Ring	1
10	340-4	Fitting - Hydraulic Straight (Incl. Ref. #11 & 17)	2

Ref. No.	Part No.	Description	No. Used
11	237-30	Seal - O-Ring	2
12	75-5240	Tube - Hydraulic	1
13	75-5250	Tube - Hydraulic	1
14	75-6240	Hose - Hydraulic	1
15	237-22	Seal - O-Ring	1
16	340-3	Fitting - Hydraulic Straight (Incl. Ref. #15 & 17)	1
17	237-79	Seal - O-Ring	3
18	75-0800	Gear Pump Assembly	1

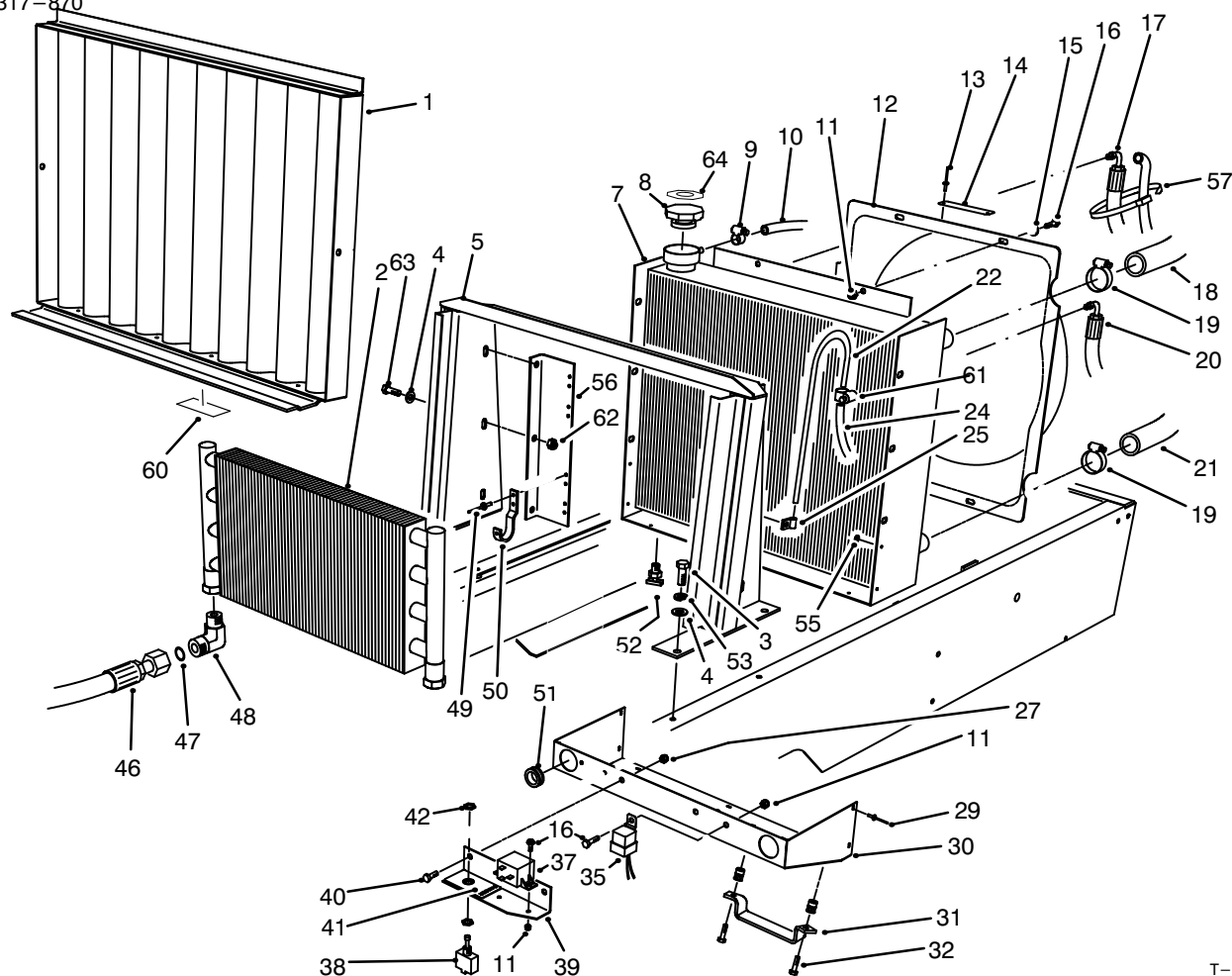


T-1029

HYDRAULIC PUMP NO. 75-0800

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	354-54	Plate – Gear	2	17	354-67	Seal – Pre-Load Hi Pressure	4
2	354-56	Pin – Dowel	2	18	354-68	Plate – Load	4
3	354-64	Screw – Cap Hex. Hd.	4	19	354-66	Shaft – Idler	2
4	354-16	Washer	4	20	354-57	Gear – Drive	1
5	354-63	Cover Assembly	1	21	354-14	Pin – Dowel	2
6	353-922	Seal – Ring	6	22	354-15	Seal – Oil	1
7	354-60	Plate – Gear	1	23	354-53	Pump Body Assembly	1
8	353-886	Ring – Retaining	2	24	354-52	Shaft – Drive	1
9	354-62	Gear	1	25	354-55	Plate Assembly	1
10	354-61	Key – Woodruff	1			(Incl. Ref. #26-30)	1
11	354-59	Shaft – Drive	1	26	354-38	Ball – Valve	1
12	354-65	Idler Shaft Assembly	1	27	354-39	Spring – Compression	1
13	354-13	Pin – Dowel	2	28	354-37	Adjuster – Valve	1
14	354-5	Coupling	2	29	354-35	Gasket	1
15	354-58	Plate Assembly	1	30	354-36	Cap – Adjuster Valve	1
16	354-69	Seal – Load Hi Pressure	4				

3317-870



T-1053C

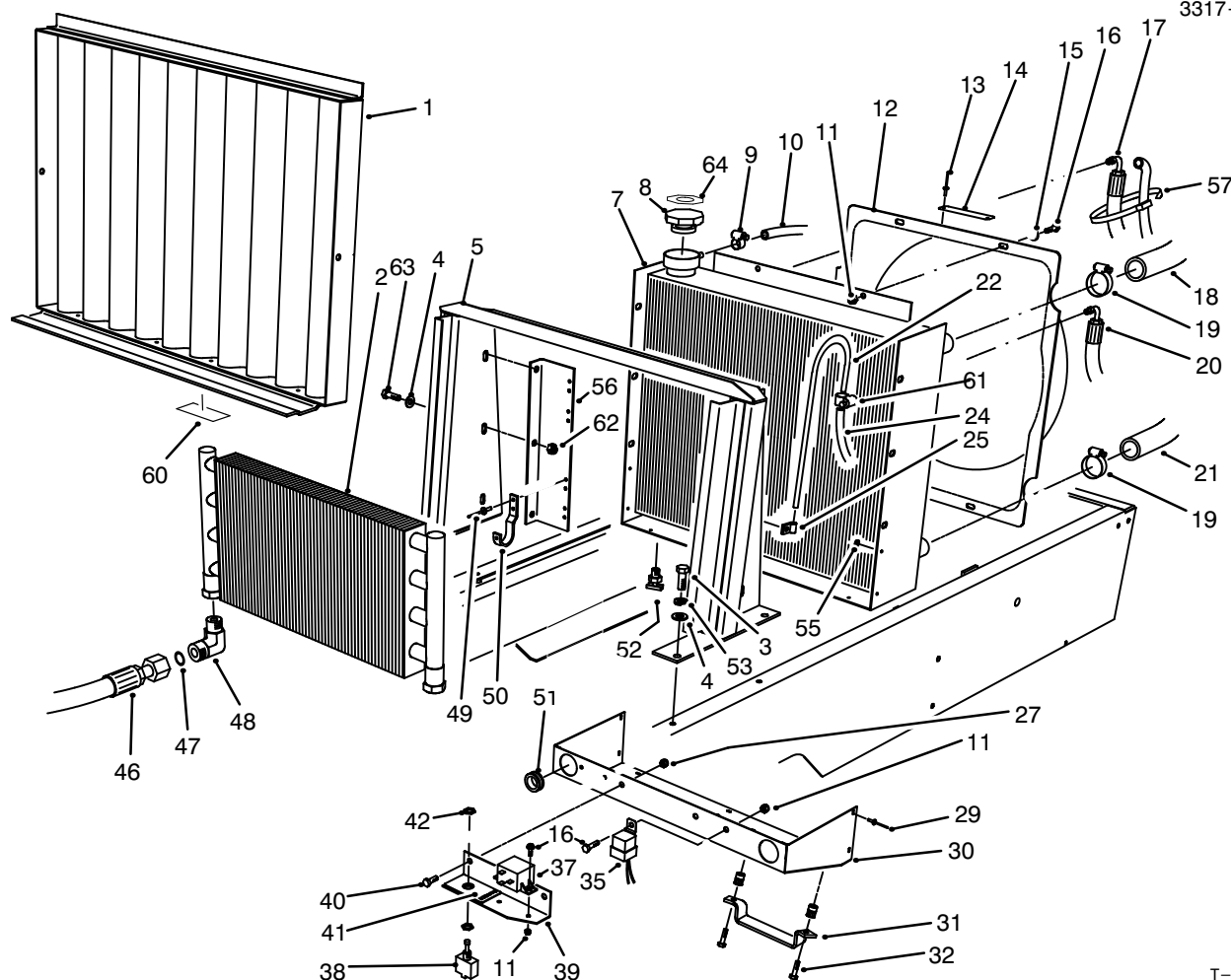
RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-4060	Screen - Radiator	1
2	75-1040	Cooler - Oil	1
3	322-5	Screw - Cap Hex. Hd.	4
4	3256-23	Washer - Flat	4
5	75-4260	Support - Radiator	1
7	82-2310	Radiator	1
8	66-3240	Cap - Radiator	1
9	92-2379	Clamp - Hose	1
10	75-2850	Hose - Expansion Tank	1
11	3296-42	Nut - Lock	7
12	75-4350	Shroud - Fan	1
13	3290-271	Rivet - Pop	2
†14	76-8750	Plate - Caution	1
14	93-6681	Plate - Caution (Europe)	1
15	3256-22	Washer - Flat	4
16	321-4	Screw - Cap Hex. Hd.	7
17	75-6170	Hose - Hydraulic	1
18	75-2240	Hose - Radiator Upper	1
19	2412-34	Clamp - Hose	2
20	75-6150	Hose - Hydraulic	1
21	75-2260	Hose - Radiator Lower	1
22	66-3180	Tube - Vent	1
24	75-4701	Hose - Fuel Vent	1
25	2412-103	Clamp - R	2
27	3296-29	Nut - Lock	2

Ref. No.	Part No.	Description	No. Used
29	3269-13	Rivet - Pop	7
30	75-4310	Shield - Radiator	1
31	93-3626	Bracket - Hose	1
32	322-4	Screw - Cap Hex. Hd.	2
35	63-7590	Relay - Starter	1
37	66-8800	Relay - Glow Plug	1
38	75-1020	Switch - Backlap (Incl. Ref. #42)	1
39	75-3390	Bracket - Backlap	1
40	322-2	Screw - Cap Hex. Hd.	2
†41	75-0750	Decal - Backlap Switch	1
41	93-6684	Decal - Backlap Switch (Europe)	1
42	218-498	Nut - Lock	2
46	75-6140	Hose - Hydraulic R.H.	1
*	75-6160	Hose - Hydraulic L.H.	1
47	237-65	Seal - O-Ring	2
48	340-108	Fitting - Hydraulic 90° (Incl. Ref. #47)	2
49	3269-15	Rivet - Pop	8
50	75-0930	Hook - Oil Cooler	4
51	240-3	Grommet	2
52	304-46	Drain - Radiator	1
53	3253-4	Washer - Lock	4
55	3269-10	Washer - Back-up	7

*Not Illustrated

†For different language versions of this part, see International Parts Page.



T-1053C

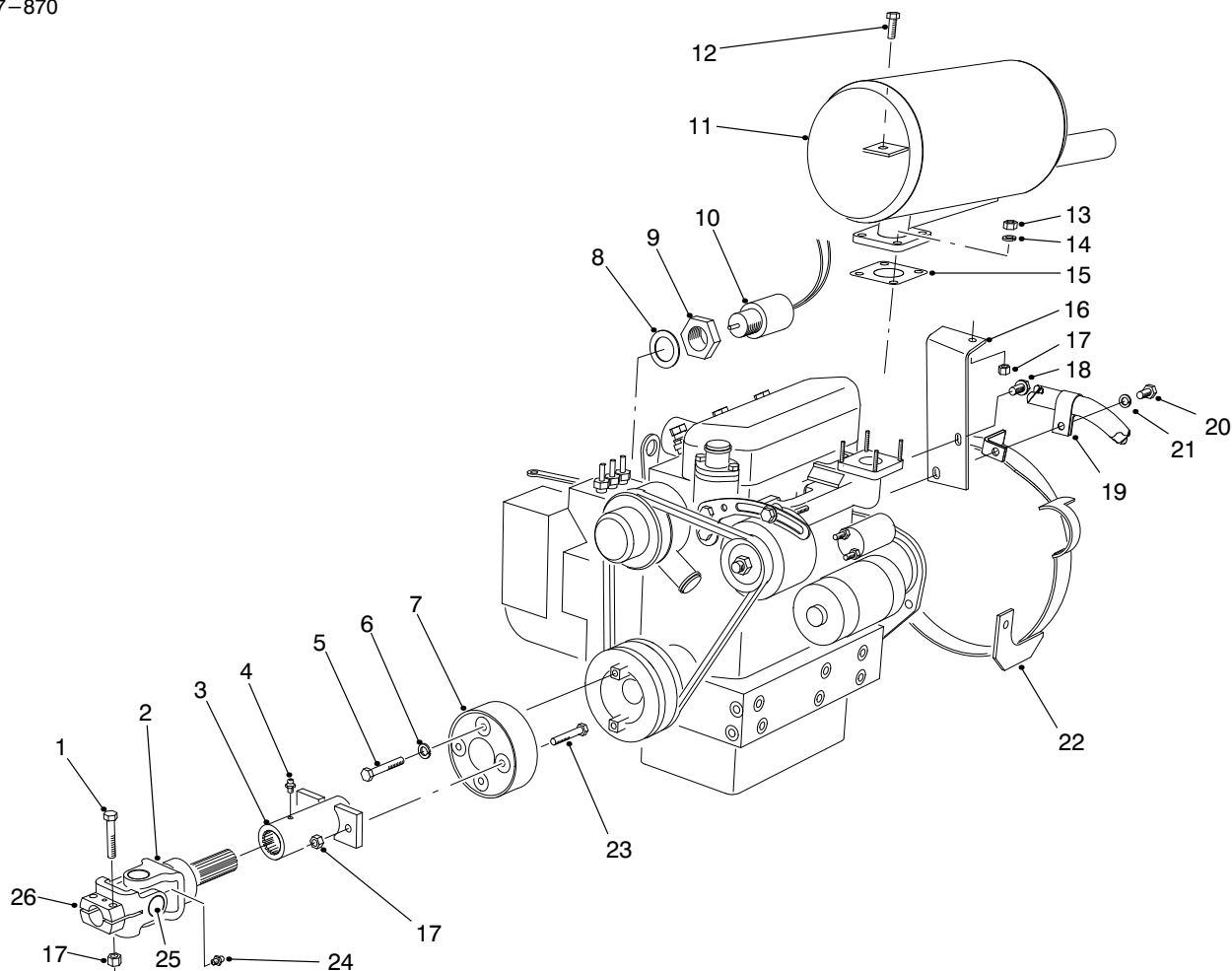
RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
56	75-5180	Support Plate Assy. R.H. (Incl. Ref. #49 & 50)	1
*	75-5170	Support Plate Assy. L.H. (Incl. Ref. #49 & 50)	1
57	3290-378	Tie - Cable	1
‡60	83-7450	Decal - Down (English)	1

Ref. No.	Part No.	Description	No. Used
60	93-8056	Decal - Down (Europe)	1
61	2412-108	Clamp - Hose	1
62	32128-20	Nut - Whiz	6
63	3234-5	Screw - Whiz Lock	6
64	93-7840	Decal - Radiator Cap (Europe)	1

*Not Illustrated

‡For different language versions of this part, see International Parts Page.



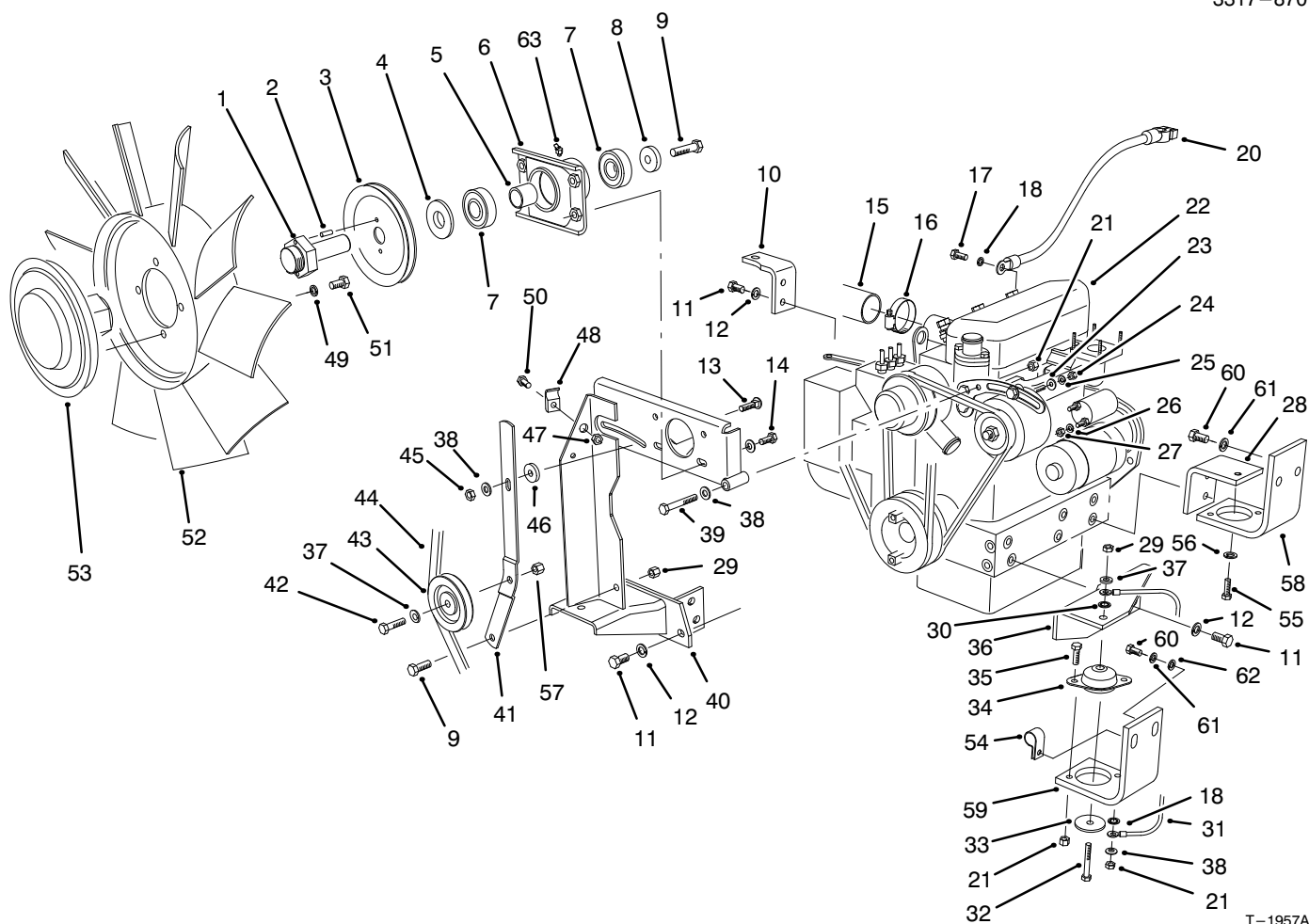
T-1054

MUFFLER & PUMP DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-9	Screw - Cap Hex. Hd.	2
2	75-6410	Yoke - Shaft	1
3	75-6420	Yoke - Slip Tube	1
4	302-58	Fitting - Grease	1
5	43-3220	Screw - Cap Hex. Hd.	2
6	48-9570	Washer - Lock	2
7	75-4630	Coupling - Driveshaft	1
8	43-2740	Gasket	1
9	43-2750	Nut - Lock	1
10	63-7440	Solenoid - Stop	1
11	75-1070	Muffler	1
*	75-6880	Screen - Spark Arrester (Optional)	1
12	322-4	Screw - Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
13	48-7930	Nut - Lock	4
14	42-9850	Washer - Lock	4
15	42-9110	Gasket - Muffler	1
16	75-4490	Bracket - Muffler	1
17	3296-29	Nut - Lock	5
18	67-2340	Screw - Hex. Washer Hd.	1
19	2412-81	Clamp - R	1
20	43-0090	Screw - Cap Hex. Hd.	3
21	48-9590	Washer - Lock	1
22	75-0940	Guard - Flywheel	1
23	322-12	Screw - Cap Hex. Hd.	2
24	62-3820	Fitting - Grease	1
25	54-9180	Kit - U-Joint	1
26	54-9040	Yoke - End	1

*Not Illustrated

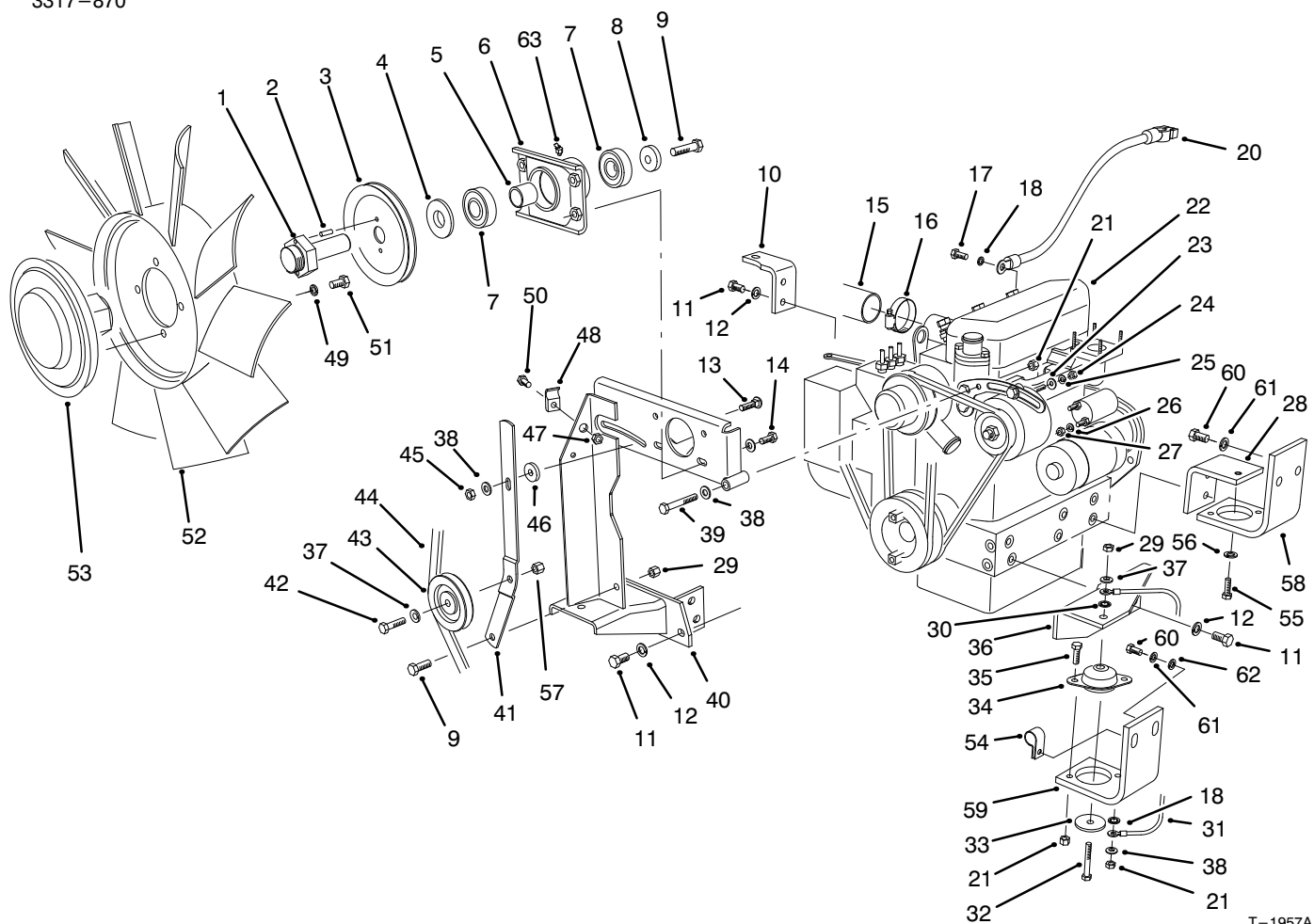


T-1957A

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-6380	Shaft - Fan	1
2	32121-2	Pin - Roll	2
3	75-6390	Pulley - Fan	1
4	47-0110	Spacer - Spindle	1
5	75-5310	Spacer - Bearing	1
6	75-4450	Hub - Fan Drive	1
7	251-318	Bearing - Ball	2
8	67-1630	Spacer - Fan	1
9	323-6	Screw - Cap Hex. Hd.	2
10	93-7045	Bracket - Engine R.H. Rear	1
11	63-7790	Screw - Cap Hex. Hd.	8
12	48-9590	Washer - Lock	10
13	3230-2	Bolt - Carriage	1
14	322-3	Screw - Cap Hex. Hd.	4
15	94-1896	Hose - Air Cleaner	1
16	2412-92	Clamp - Hose	1
17	48-7700	Screw - Cap Hex. Hd.	1
18	3255-8	Washer - Lock	2
20	75-1360	Cable - Battery (Ground)	1
21	3296-29	Nut - Lock	9
22	94-3558	Engine Assembly	1
23	5-3637	Washer - Flat	1
24	43-5970	Nut - Hex.	1

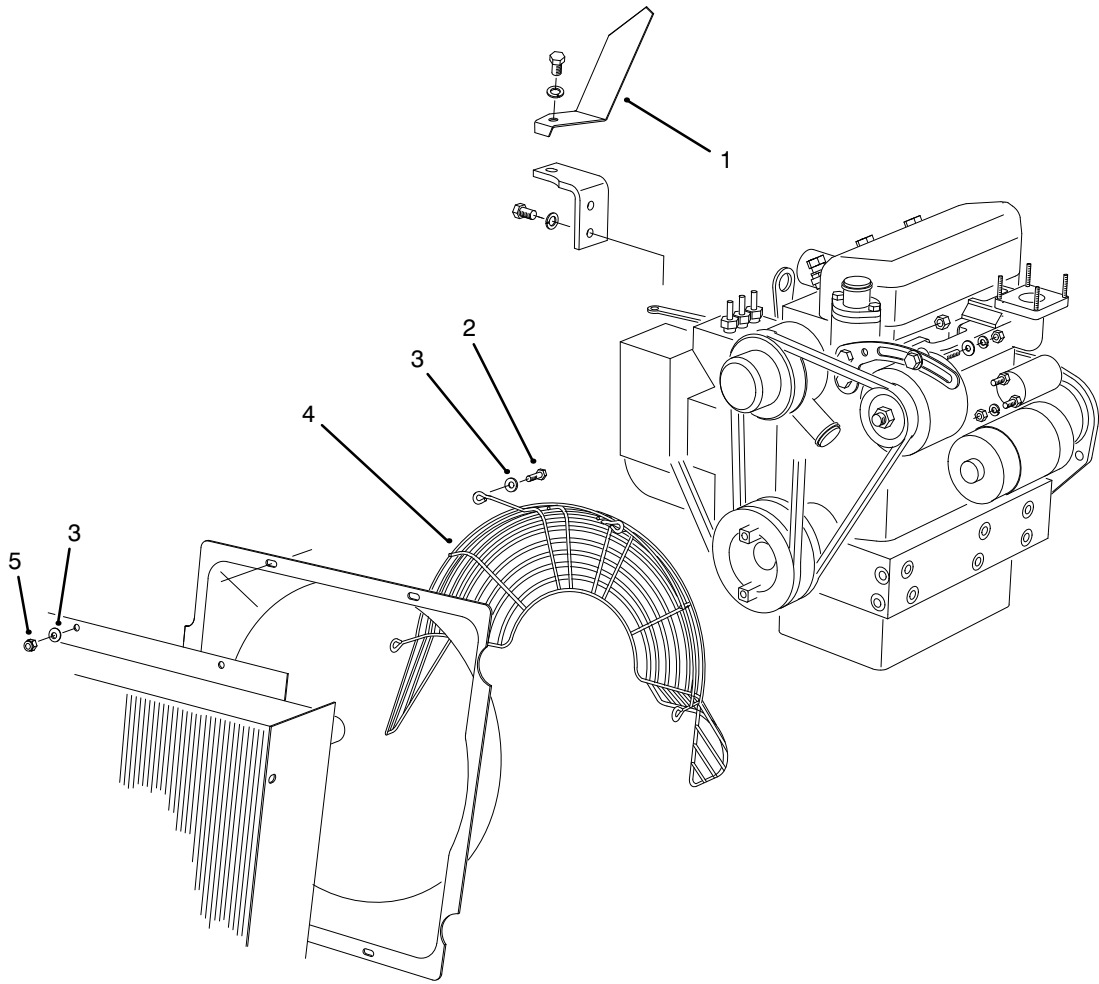
Ref. No.	Part No.	Description	No. Used
25	43-5920	Washer - Lock	1
26	42-9850	Washer - Lock	1
27	57-6390	Nut - Lock	2
28	93-7048	Bracket - Engine L.H. Rear	1
29	3296-39	Nut - Lock	4
30	3255-9	Washer - Lock E.T.L.W.	1
31	70-8220	Cable - Ground	1
32	323-11	Screw - Cap Hex. Hd.	3
33	63-7400	Washer - Flat	4
34	63-7140	Mount - Engine	4
35	322-5	Screw - Cap Hex. Hd.	8
36	93-7044	Bracket - Engine L.H. Front	1
37	3256-24	Washer - Flat	4
38	3256-23	Washer - Flat	5
39	322-11	Screw - Cap Hex. Hd.	1
40	93-7049	Bracket - Fan	1
41	63-6720	Bracket - Fan Idler	1
42	323-7	Screw - Cap Hex. Hd.	1
43	63-8140	Pulley - Idler	1
44	75-1380	Belt - V	1
45	32149-1	Nut - Lock	1
46	27-9560	Spacer	1
47	3296-42	Nut - Lock	1



ENGINE INSTALLATION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
48	3-6657	Clamp – Cable	1
49	3253-4	Washer – Lock	4
50	321-4	Screw – Cap Hex. Hd.	1
51	322-2	Screw – Cap Hex. Hd.	4
52	75-3780	Fan	1
53	74-5520	Clutch – Fan	1
54	2412-71	Clamp – R	1
55	323-9	Screw – Cap Hex. Hd.	1
56	3253-21	Washer – Lock	1

Ref. No.	Part No.	Description	No. Used
57	3296-59	Nut – Lock	1
58	63-6360	Bracket – Engine, Rear	1
*	63-6361	Bracket – Engine, Rear	1
59	63-6362	Bracket – Engine, Front	2
60	3213-2	Screw – Cap Hex. Hd.	8
61	3253-7	Washer – Lock	8
62	3256-40	Washer – Flat	4
63	302-10	Fitting – Grease 45°	1

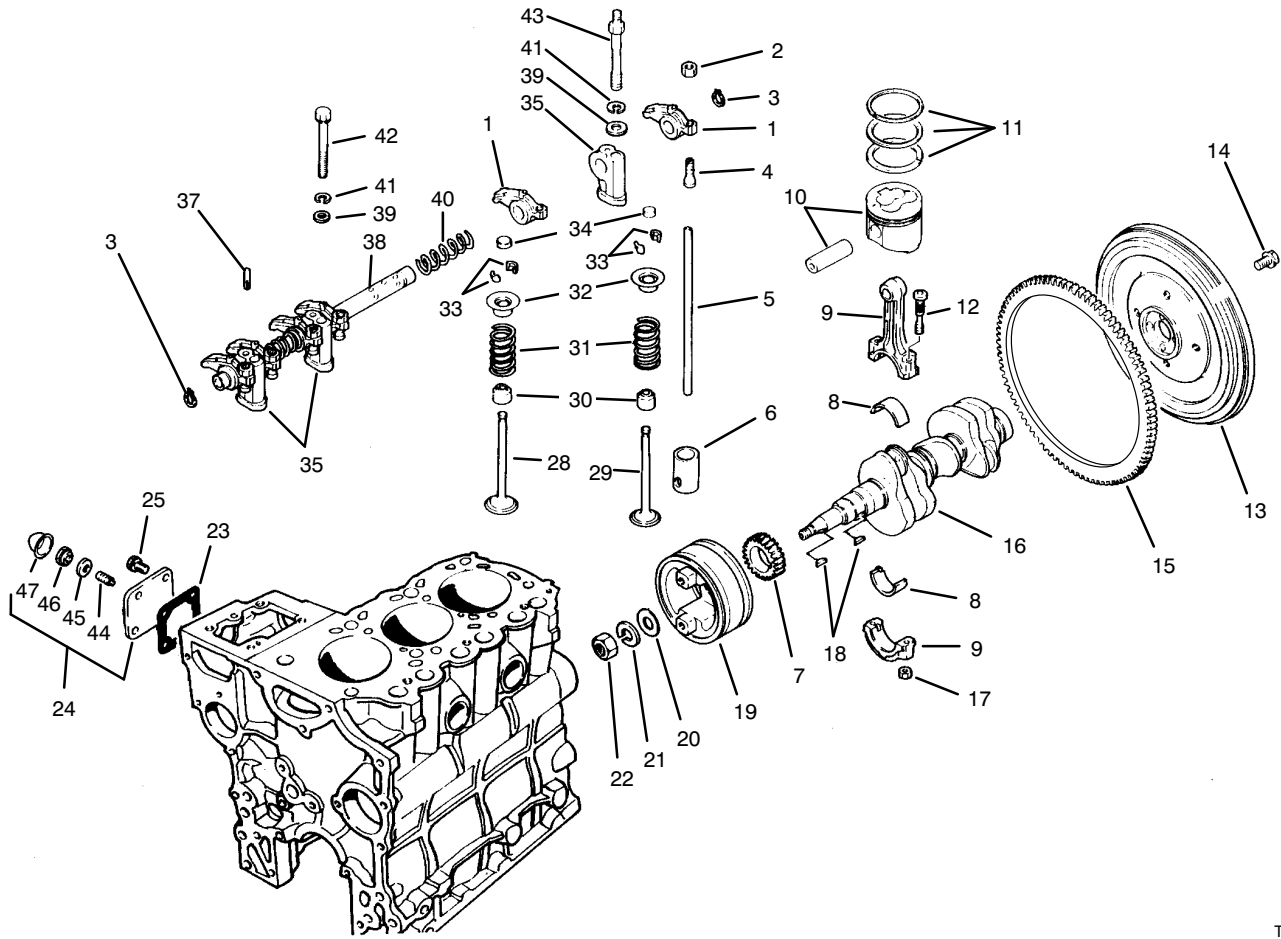


T-2016

FAN GUARD & FLYWHEEL SHIELD ASSEMBLY (Europe)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-9945	Shield - Flywheel (RM5100D Only)	1	3	3256-22	Washer - Flat	8
2	321-6	Screw - Cap Hex. Hd.	4	4	93-7182	Guard - Fan	1
				5	3296-42	Nut - Lock	4

*Not Illustrated



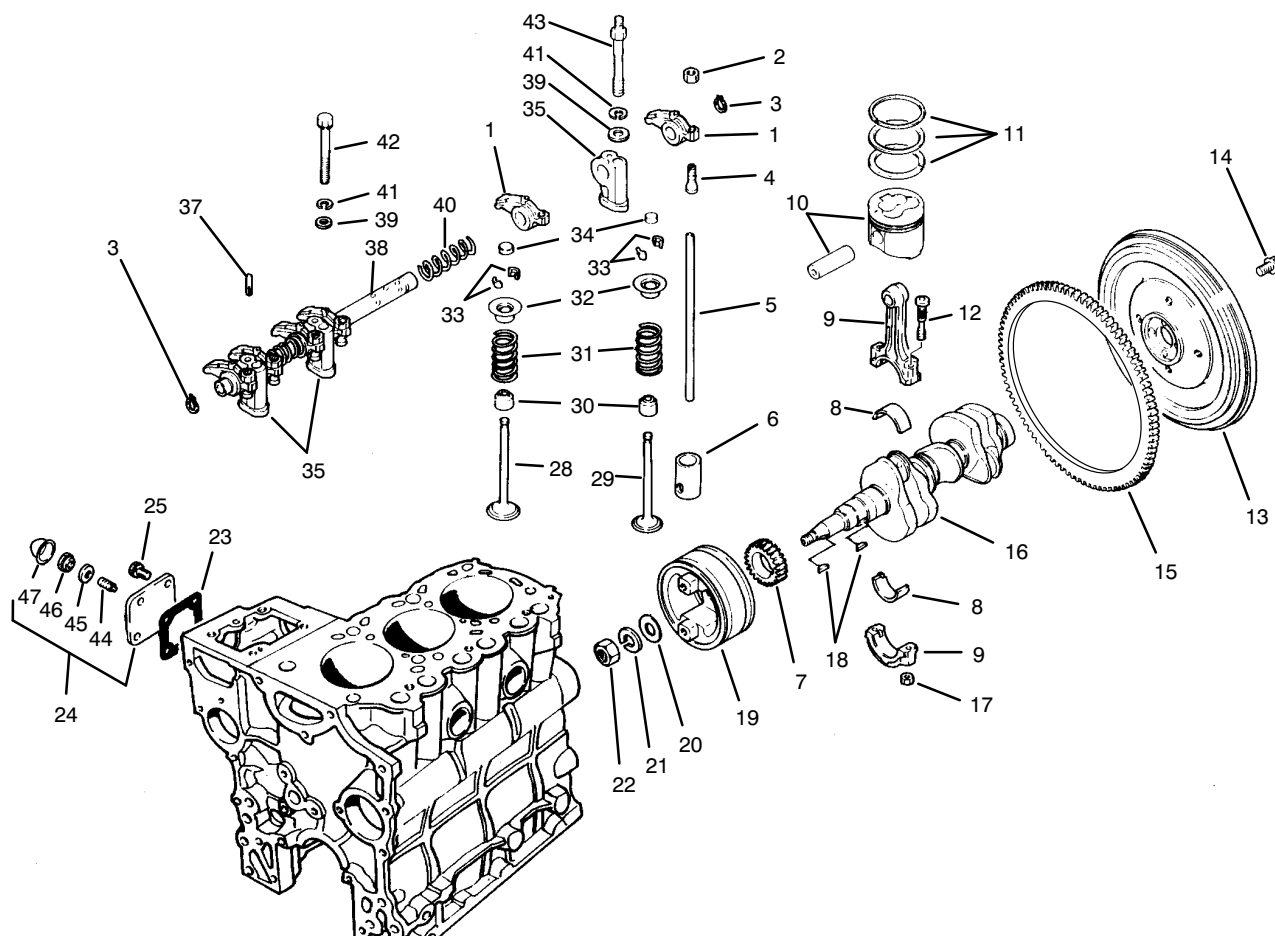
T-0565

VALVES AND CRANKSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3160	Arm-Rocker	6
2	67-3230	Nut - Jam	6
3	67-3240	Snap Ring	2
4	67-3210	Screw - Adjusting	6
5	67-3150	Rod-Push	6
6	67-3120	Tappet	6
7	67-2910	Gear	1
8	75-5010	Bearing Set STD	3
*	67-2890	Bearing Set 0.25 mm US	3
*	67-2900	Bearing Set 0.50 mm US	3
9	67-2850	Rod Assembly-Connecting (Incl. Ref. #12 & 17)	3
10	75-5080	Piston & Pin Set STD	3
*	75-5090	Piston & Pin Set 0.25 mm OS	3
*	75-5100	Piston & Pin Set 0.50 mm OS	3
11	75-5050	Ring Set STD	3
*	75-5060	Ring Set 0.25 mm OS	3
*	75-5070	Ring Set 0.50 mm OS	3
12	67-2860	Bolt	6
13	67-2970	Flywheel Assembly (Incl. Ref. #14)	1

Ref. No.	Part No.	Description	No. Used
14	67-2990	Bolt	4
15	67-2980	Gear - Ring	1
16	92-0845	Crankshaft	1
17	42-9590	Nut	6
18	56-0480	Key - Woodruff	2
19	67-2930	Pulley - Crankshaft	1
20	67-2950	Washer	1
21	67-2960	Washer - Lock	1
22	67-2940	Nut - Jam	1
23	67-4310	Gasket	1
24	75-5110	Cover Assy. (Incl. Ref. #44-47)	1
25	42-9440	Bolt W/Washer	4
28	67-3130	Valve - Intake	3
29	67-3140	Valve - Exhaust	3
30	42-7870	Seal	6
31	67-3110	Spring	6
32	67-3100	Retainer	6
33	42-7860	Lock	12
34	67-3180	Cap	6
35	67-3200	Stay - Rocker	3
37	67-3220	Pin	1
38	67-3190	Rocker Shaft Assembly	1

*Not Illustrated

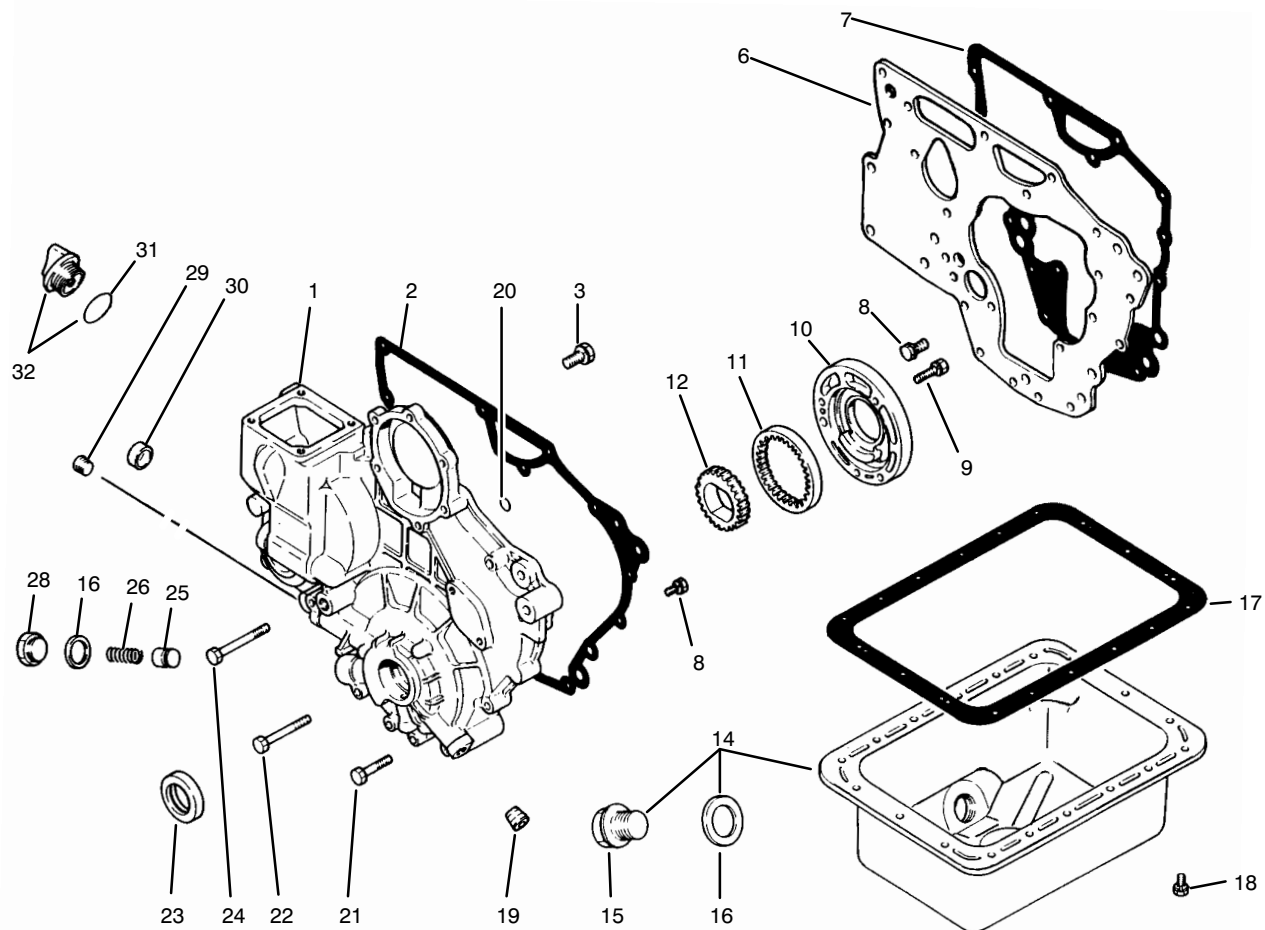


T-0565

VALVES AND CRANKSHAFT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
39	42-9660	Washer	3
40	67-3170	Spring	2
41	67-3260	Washer	3
42	42-9510	Bolt	1
43	67-3250	Bolt-Rocker Stay	2

Ref. No.	Part No.	Description	No. Used
44	43-3160	Screw - Adjusting	1
45	75-5120	Gasket	1
46	43-5960	Nut - Special	1
47	43-2820	Cap - Sealing	1

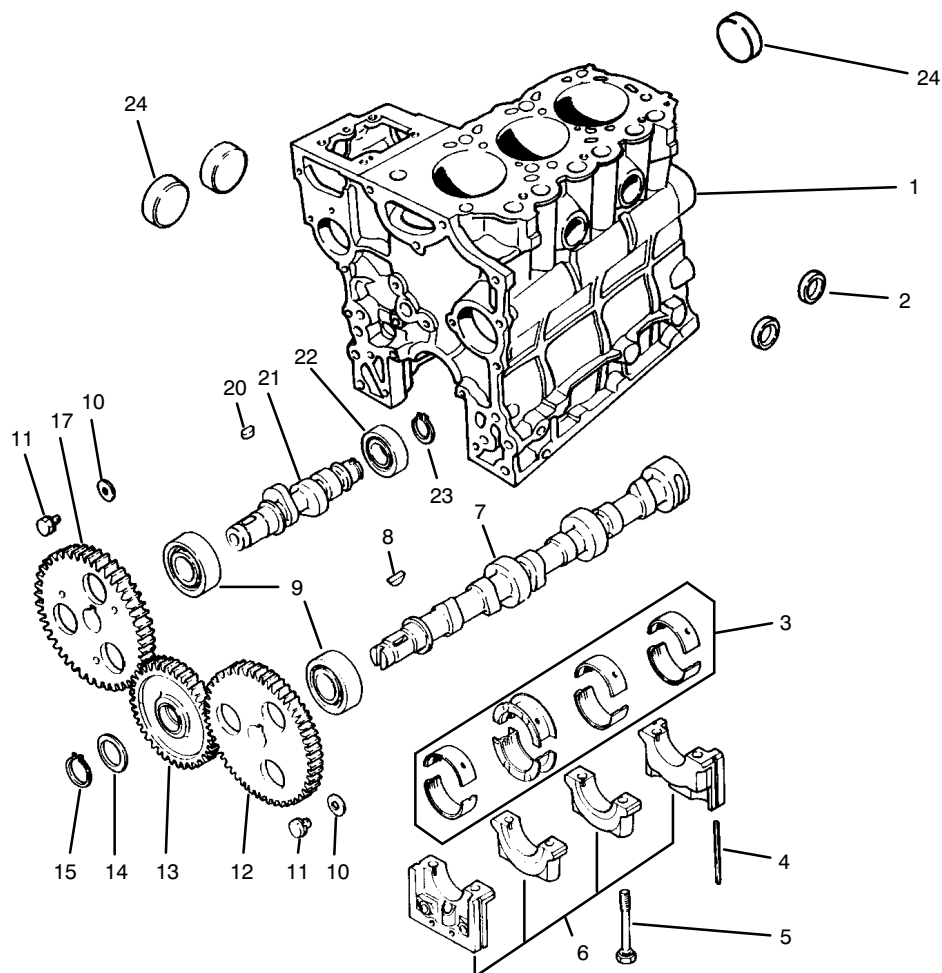


T-0567

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-1259	Asm. - Gear Case	1	19	42-7210	Plug-Taper	1
2	67-2580	Gasket - Case	1	20	67-2630	Seal - O-Ring	2
3	67-2340	Bolt W/Washer	3	21	67-2600	Bolt	3
6	67-2310	Plate - Front	1	22	67-2610	Bolt	4
7	67-2320	Gasket - Plate	1	23	67-2590	Seal - Oil	1
8	42-9440	Bolt W/Washer	11	24	67-2620	Bolt	1
9	67-2560	Bolt W/Washer	3	25	67-2500	Plunger - Relief	1
10	67-2550	Housing - Oil Pump	1	26	67-2510	Spring - Relief	1
11	67-2540	Gear - Outer	1	28	67-2520	Plug	1
12	67-2530	Gear - Inner	1	29	67-2570	Plug - Taper	1
14	75-4910	Oil Pan Assembly (Incl. Ref. #15-16)	1	30	67-2640	Cap	1
15	42-9260	Plug - Drain	1	31	67-2660	Seal - O-Ring	1
16	42-7290	Gasket - Drain	2	32	67-2650	Oil Fill Cap Assembly (Incl. Ref. #31)	1
17	67-2480	Gasket - Oil Pan	1	*	75-5040	Gasket Kit (Incl. Ref. #2, 7, 16 & 17)	1
18	42-9490	Bolt W/Washer	18				

*Not Illustrated

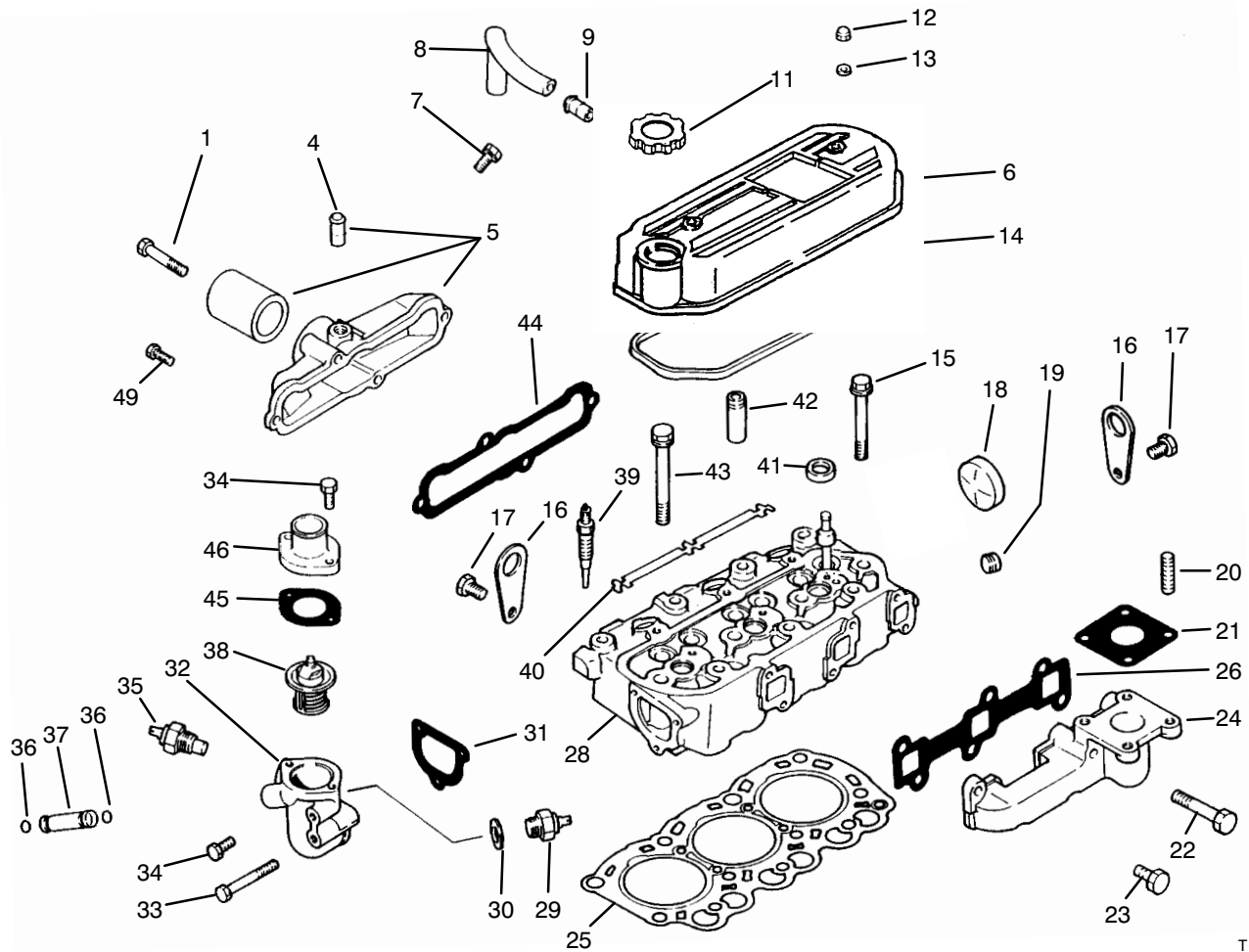


T-0564

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	94-1257	Block Assembly (Incl. Ref. #2, 5, 6 & 24)	1	10	67-3000	Washer	2
2	42-7080	Cap	2	11	42-9490	Bolt W/Washer	2
3	75-4900	Bearing Set STD	1	12	67-3020	Gear	1
*	67-2410	Bearing Set 0.25 mm US	1	13	67-3090	Gear Assembly	1
*	67-2420	Bearing Set 0.50 mm US	1	14	67-3040	Plate	1
4	67-2200	Seal	4	15	56-1060	Snap Ring	1
5	67-2250	Bolt	8	17	67-3070	Gear	1
6		Cap Assembly	1	20	42-7840	Key	1
7	67-3010	Cam Shaft	1	21	67-3060	Shaft	1
8	56-0480	Key - Woodruff	1	22	67-3050	Bearing	1
9	67-3030	Bearing	2	23	67-3080	Snap Ring	1
				24	56-0020	Plug	3

*Not Illustrated

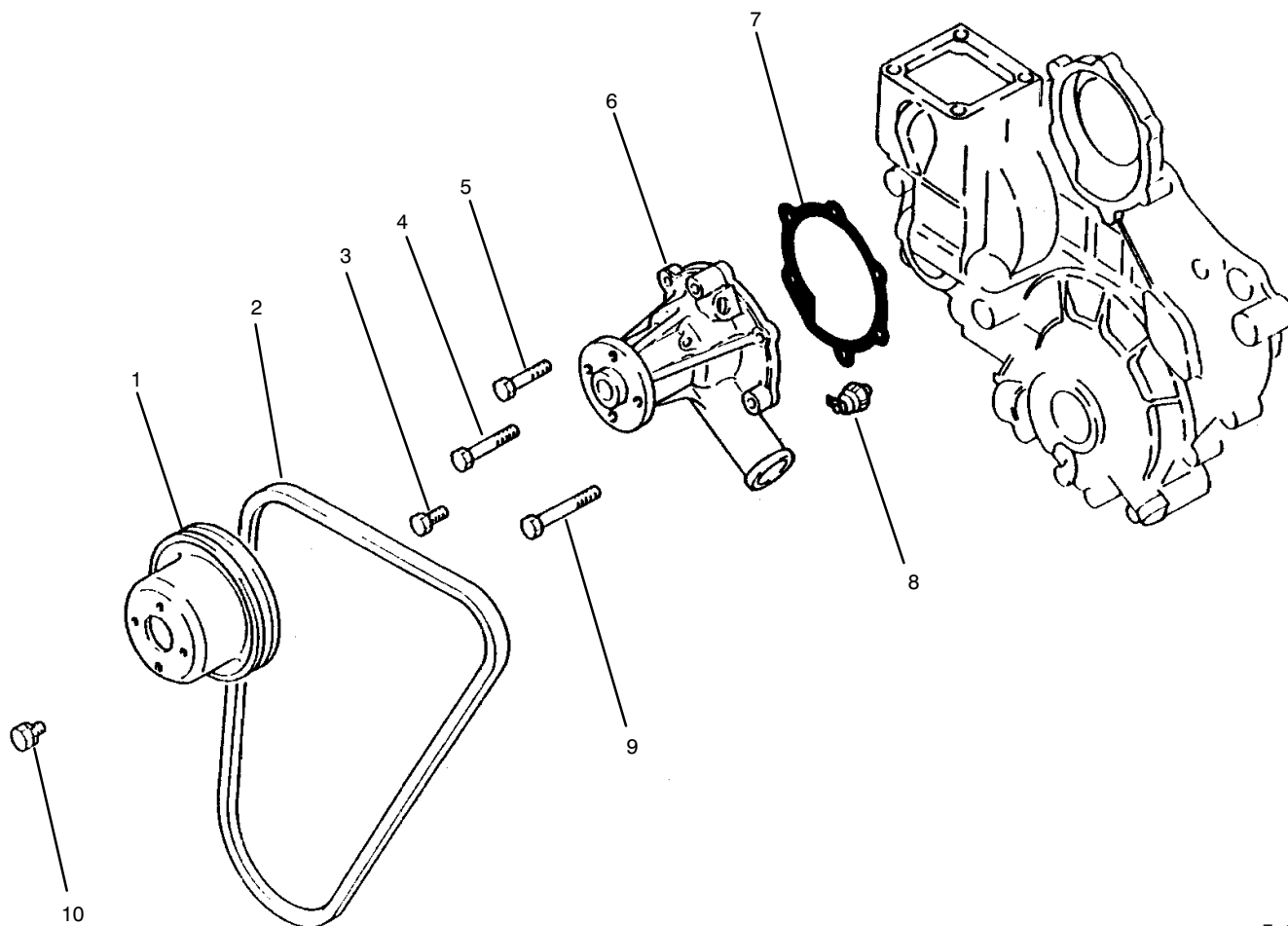


T-0566D

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4400	Bolt	2
4	42-7510	Pipe	1
5	94-3533	Cover Assembly (Incl. Ref. #9)	1
7	42-9430	Bolt W/Washer	1
8	67-2670	Hose - Breather	1
9	42-7510	Pipe	1
11	92-0847	Cap - Oil Filler	1
12	67-2770	Nut - Cap	2
13	67-2780	Washer	2
14	67-2760	Gasket	1
15	67-2740	Bolt - Flange	3
16	67-2680	Hanger - Engine	2
17	67-2340	Bolt W/Washer	4
18	56-0020	Plug - Expansion	1
19	67-2570	Plug - Taper	1
20	42-9570	Stud	4
21	42-9110	Gasket	1
22	67-4580	Bolt	2
23	67-4590	Bolt	4
24	67-4560	Manifold - Exhaust	1
25	94-1258	Gasket - Cylinder Head	1

Ref. No.	Part No.	Description	No. Used
26	67-4570	Gasket - Exhaust Manifold	1
28	75-4930	Cylinder Head Assembly (Incl. Ref. #18, 41 & 42)	1
29	67-4500	Switch - Thermo	1
30	67-4490	Gasket	1
31	67-4460	Gasket - Switch	1
32	67-4450	Fitting - Thermostat	1
33	67-4470	Bolt	1
34	67-2330	Bolt	4
35	67-4510	Gauge Nut - Temperature	1
36	43-2710	Seal - O-Ring	2
37	67-4480	Pipe - By-Pass	1
38	67-4440	Thermostat	1
39	67-4680	Plug - Glow	3
40	67-4690	Plate - Glow Plug	1
41	67-2710	Cap - Sealing	3
42	67-2700	Guide - Valve	6
43	67-2730	Bolt	8
44	67-4550	Gasket - Intake Manifold	1
45	67-4430	Gasket - Fitting	1
46	67-4420	Fitting - Water	1
49	67-2330	Bolt	2

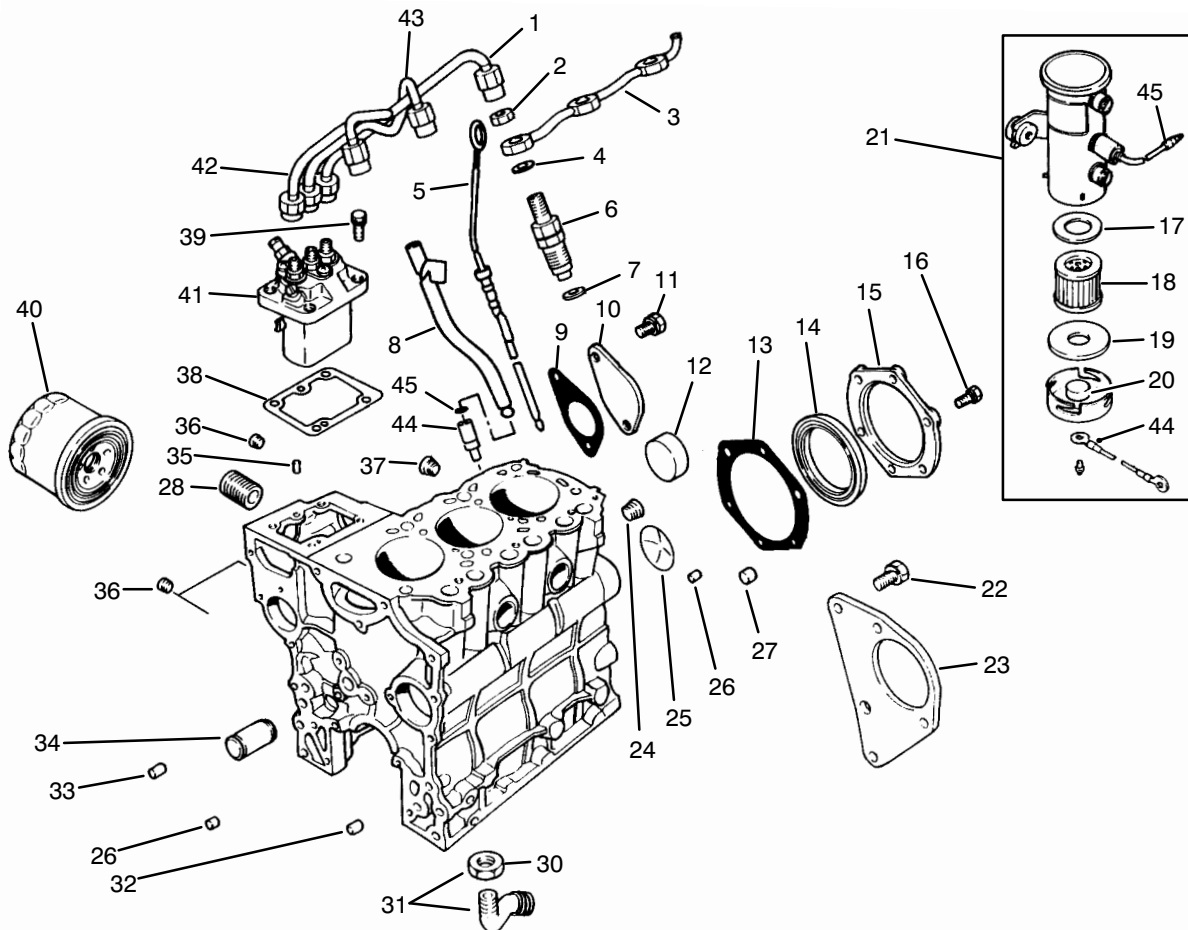


T-0568

WATER PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4360	Pulley - Water Pump	1
2	67-4410	V-Belt	1
3	67-2330	Bolt	2
4	67-4400	Bolt	1
5	67-2600	Bolt	1

Ref. No.	Part No.	Description	No. Used
6	67-4380	Water Pump Assembly	1
7	67-4390	Gasket - Water Pump	1
8	67-4350	Switch - Oil Pressure	1
9	67-2610	Bolt	2
10	42-9490	Bolt W/Washer	4



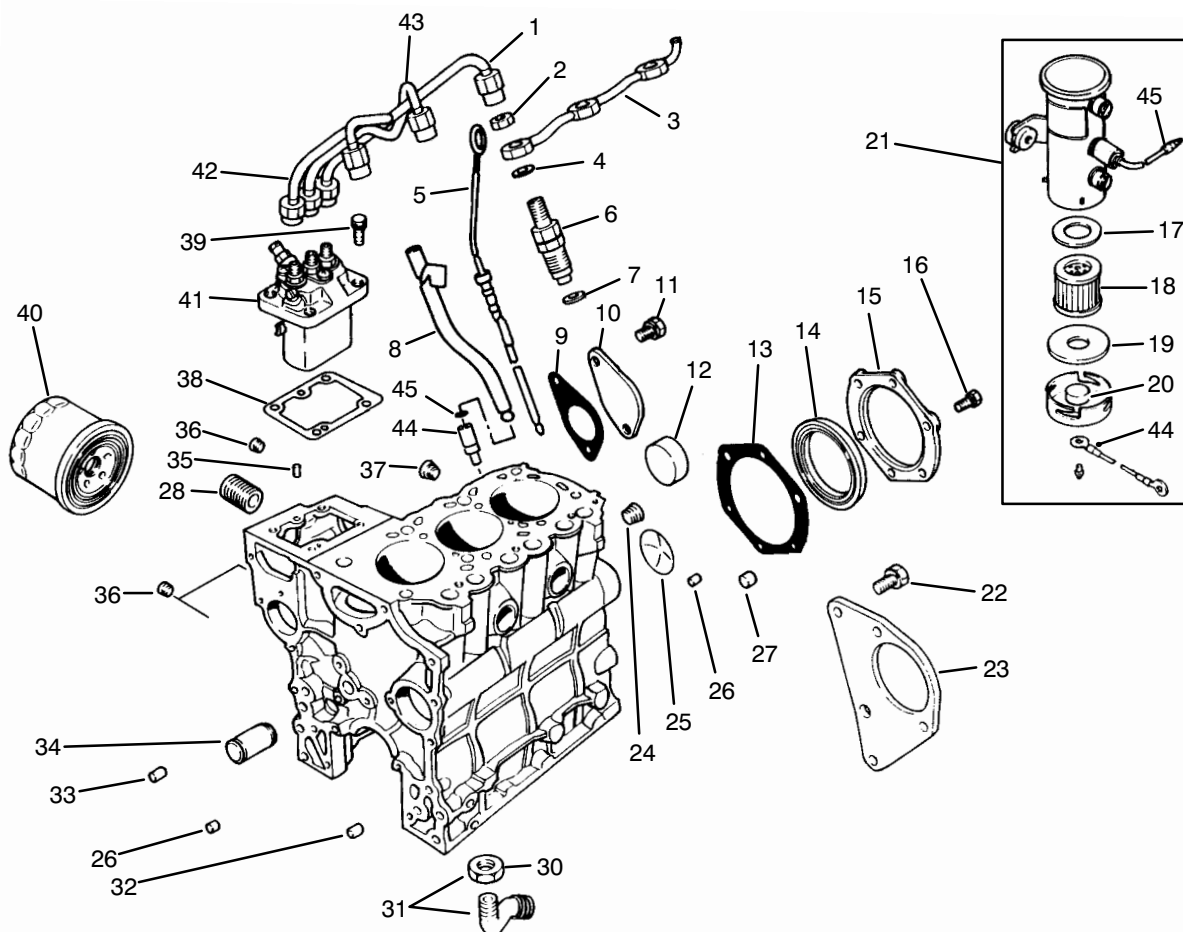
T-0569

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3420	Pipe Assy. No. 3	1
2	67-3430	Nut	3
3	70-8700	Pipe - Fuel Return	1
4	67-3440	Gasket	3
5	70-8880	Dipstick	1
6	67-3380	Nozzle & Holder Assembly	1
7	67-3390	Gasket - Nozzle Holder	3
8	70-8870	Guide - Oil Level	1
9	67-2300	Gasket	1
10	67-2290	Cover	1
11	67-2340	Bolt W/Washer	2
12	56-0020	Plug - Expansion	3
13	67-2280	Gasket - Seal, Oil	1
14	67-2230	Seal - Oil	1
15	67-2270	Case - Oil Seal	1
16	67-2330	Bolt	6
17	43-2570	Gasket - Coil Side	1
18	43-2550	Filter	1
19	43-2560	Gasket - Side Cover	1
20	43-2580	Magnet	1
21	53-8150	Pump Assembly (Incl. Ref. #17-20)	1

Ref. No.	Part No.	Description	No. Used
22	67-2440	Bolt W/Washer	3
23	67-2430	Bracket - Starter	1
24	67-2390	Plug - Taper	1
25	67-2350	Plug - Expansion	1
26	67-2360	Bushing - Knock	2
27	67-2380	Bushing - Knock	3
28	56-1230	Shaft - Oil Filter	1
30	42-9650	Nut - Jam	1
31	67-4340	Screen Assembly (Incl. Ref. #30)	1
32	67-2370	Bushing - Knock	1
33	42-7190	Bushing - Knock	2
34	67-2260	Shaft - Idler	1
35	56-0220	Pin - Dowel	2
36	67-2210	Plug - Taper	3
37	56-0100	Plug - Taper	1
38	67-3280	Shim 0.2 mm	1
*	67-3290	Shim 0.3 mm	1
*	67-3300	Shim 0.5 mm	1
*	67-3310	Shim 0.4 mm	1
*	67-3320	Shim 0.6 mm	1

*Not Illustrated

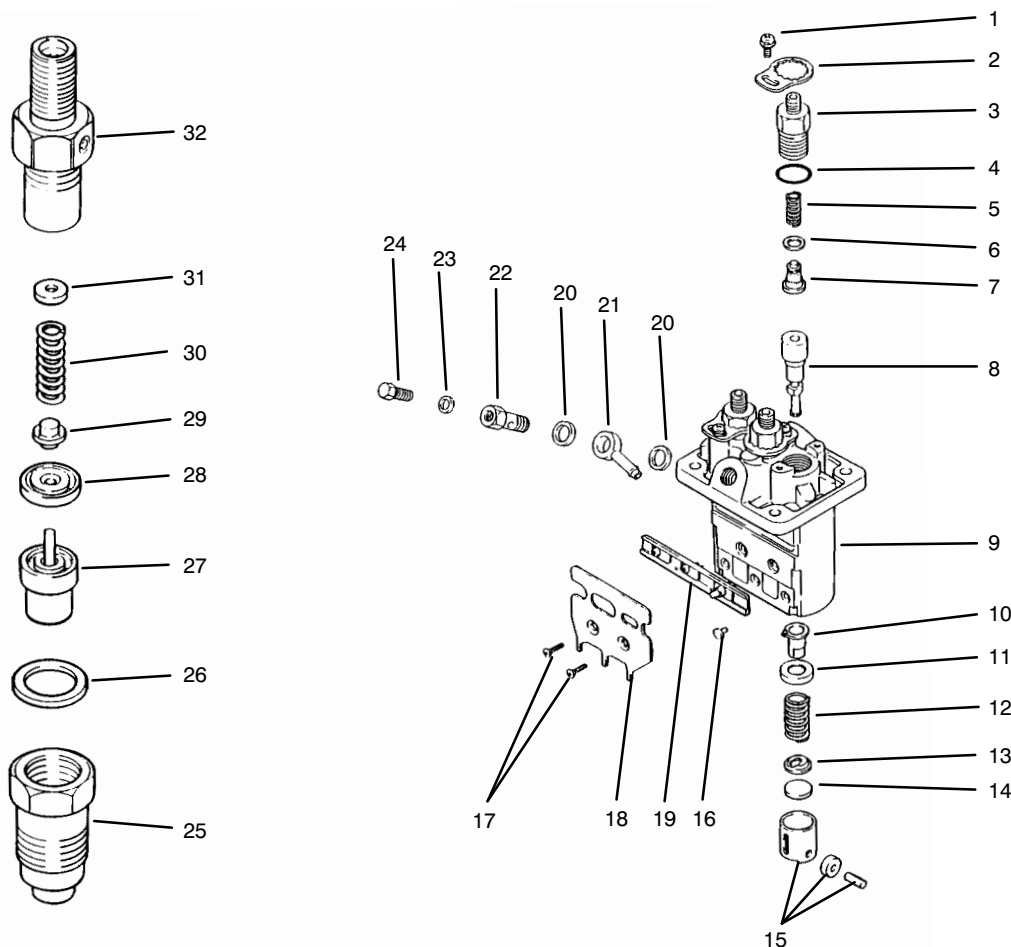


T-0569

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
38	67-3330	Shim 0.7 mm	1	41	75-5020	Injector Pump Assembly	
*	67-3340	Shim 0.8 mm	1	42	67-3400	Pipe Assy. No. 1	1
*	67-3350	Shim 0.9 mm	1	43	67-3410	Pipe Assy. No. 2	1
*	67-3360	Shim 1.0 mm	1	44	72-6950	Retainer - Oil Guide	1
39	67-3370	Bolt W/Washer	4	45	43-2710	O-Ring	1
40	67-4330	Oil Filter Assembly	1				

*Not Illustrated



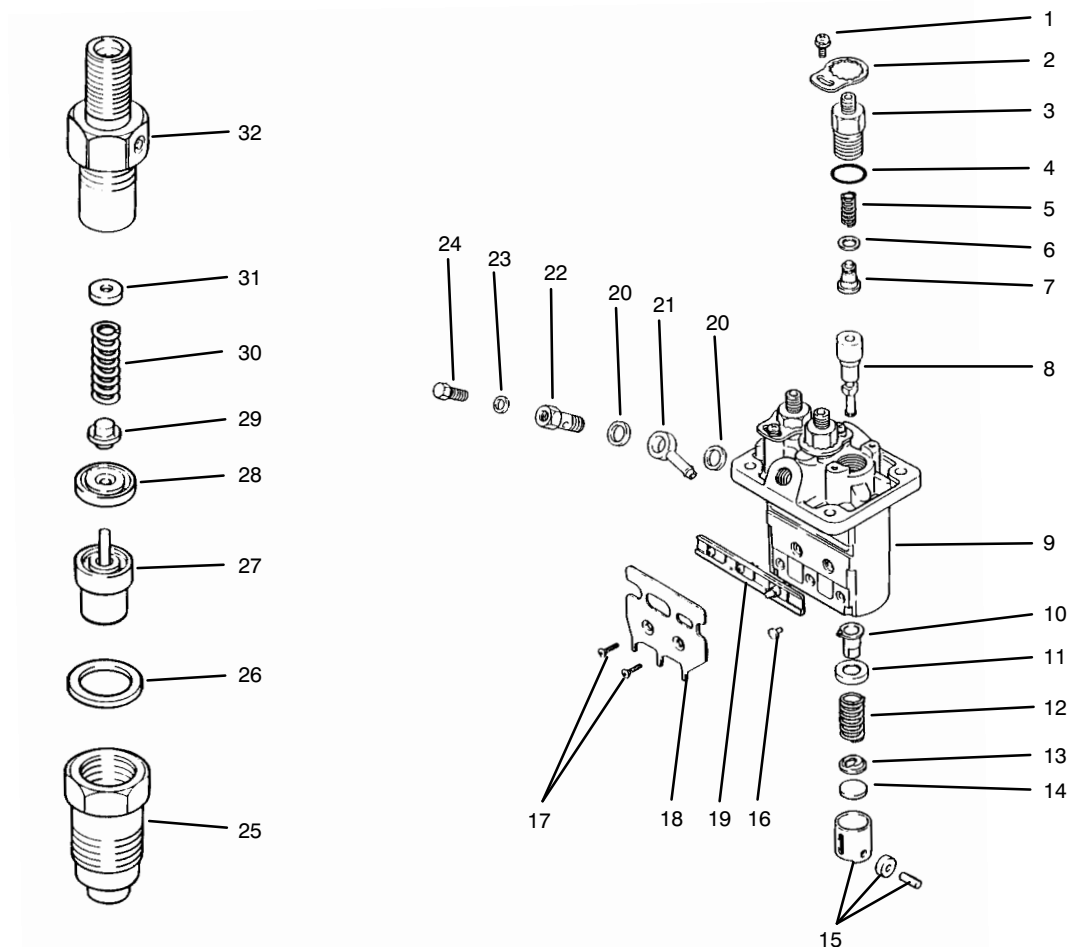
T-0570

FUEL INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3770	Screw W/Washer	3
2	67-3760	Plate - Lock	3
3	67-3740	Holder-Delivery Valve	3
4	67-3480	Seal - O-Ring	3
5	67-3490	Spring	3
6	42-8240	Gasket	3
7	67-3500	Valve	3
8	75-4970	Element	3
9	67-3460	Housing-Pump	1
10	67-3520	Sleeve	3
11	67-3530	Seat - Spring Upper	3
12	67-3540	Spring	3
13	67-3550	Seat - Spring Lower	3
14	67-3560	Plate - Shim 1.85 mm	1
*	67-3570	Plate - Shim 1.9 mm	1
*	67-3580	Plate - Shim 1.95 mm	1
*	67-3590	Plate - Shim 2.0 mm	1
*	67-3600	Plate - Shim 2.05 mm	1
*	67-3610	Plate - Shim 2.1 mm	1
*	67-3620	Plate - Shim 2.15 mm	1
*	67-3630	Plate - Shim 2.2 mm	1
*	67-3640	Plate - Shim 2.25 mm	1

Ref. No.	Part No.	Description	No. Used
14	67-3650	Plate - Shim 2.3 mm	1
*	67-3660	Plate - Shim 2.35 mm	1
*	67-3670	Plate - Shim 2.4 mm	1
*	67-3680	Plate - Shim 2.45 mm	1
*	67-3690	Plate - Shim 2.5 mm	1
15	67-3700	Tappet	3
16	67-3810	Pin - Tappet Guide	3
17	67-3790	Screw	2
18	67-3800	Bracket - Wire Stop	1
19	67-3780	Rack	1
20	67-3750	Washer	2
21	67-3740	Nipple - Swivel	1
22	67-3730	Screw	1
23	67-3720	Washer	1
24	67-3710	Screw - Air Bleed	1
25	67-3970	Nut - Retaining	3
26	67-3980	Gasket	3
27	67-3960	Nozzle	3
28	67-3950	Piece - Distance	3
29	67-3940	Pin - Pressure	3
30	67-3930	Spring	3
31	67-3830	Washer 1.25 mm	1

*Not Illustrated



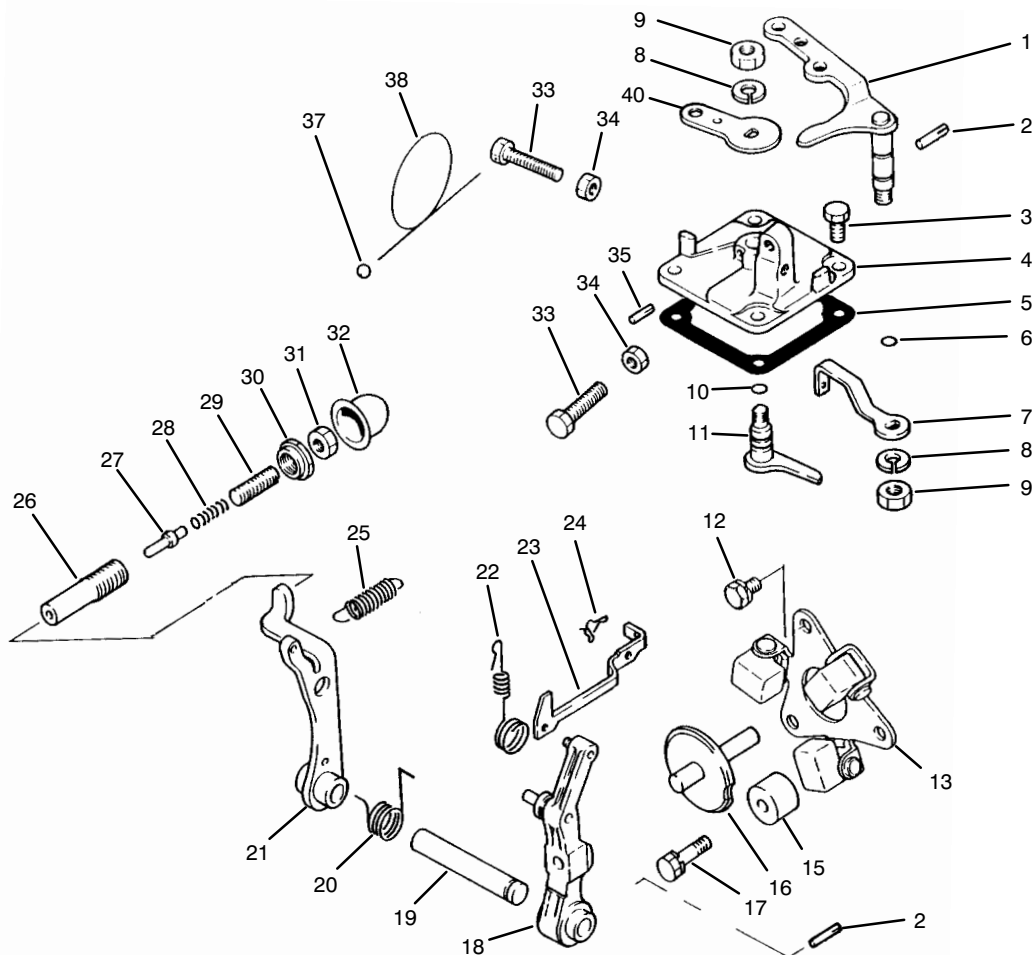
T-0570

FUEL INJECTION PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
31	67-3840	Washer 1.3 mm	1
*	67-3850	Washer 1.35 mm	1
*	67-3860	Washer 1.4 mm	1
*	67-3870	Washer 1.45 mm	1
*	67-3880	Washer 1.5 mm	1
*	67-3890	Washer 1.55 mm	1
*	67-3900	Washer 1.6 mm	1

Ref. No.	Part No.	Description	No. Used
31	67-3910	Washer 1.65 mm	1
*	67-3920	Washer 1.7 mm	1
32	75-5000	Body	3
*	53-8150	Pump Assembly (Incl. Ref. 21-24)	1
*	67-3380	Nozzle and Holder Assembly (Incl. Ref. #25-32)	3

*Not Illustrated



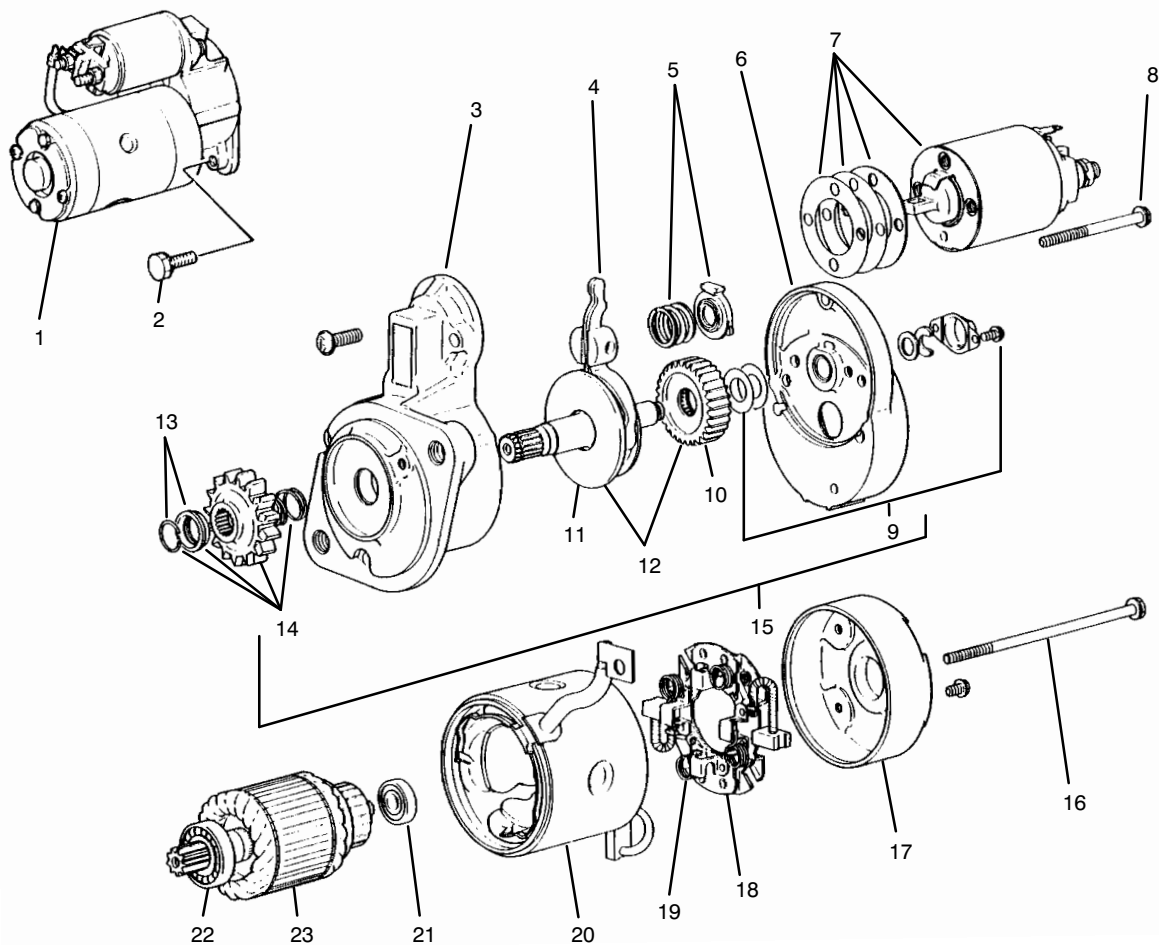
T-0571

GOVERNOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-3990	Lever - Speed Control	1
2	67-4000	Pin	2
3	67-4270	Bolt	4
4	67-4130	Cover - Governor	1
5	67-4160	Gasket	1
6	42-8830	Seal - O-Ring	1
7	75-4980	Lever - Governor Spring	1
8	67-3260	Washer	2
9	42-9640	Nut - Jam	2
10	42-8830	Seal - O-Ring	1
11	67-4140	Lever - Stop	1
12	42-9430	Bolt W/Washer	2
13	67-4040	Weight Assembly	1
15	67-4010	Stopper	1
16	67-4070	Shaft - Sliding	1
17	67-4280	Bolt W/Washer	1
18	67-4060	Lever - Governor	1
19	67-4050	Shaft - Governor	1
20	67-5040	Spring	1
21	67-4090	Lever - Tension	1
22	70-8720	Spring - Tie Rod	1

Ref. No.	Part No.	Description	No. Used
23	67-4030	Rod - Tie	1
24	67-4080	Clip	1
25	75-4990	Spring - Governor	1
26	67-4210	Case - Torque Spring	1
27	67-4230	Stopper	1
28	67-4190	Spring - Torque	1
29	67-4220	Screw - Adjusting	1
30	67-4200	Nut - Special	1
31	67-4180	Nut	1
32	67-4240	Cap - Sealing Torque Set	1
33	42-9420	Bolt - Speed Set	4
34	67-4290	Nut	4
35	67-4120	Pin - Grooved	1
37	42-8690	Metal - Sealing	1
38	42-8700	Wire	1
40	67-4150	Lever - Stop	1
*	67-4110	Cover Assembly (Incl. Ref. #4, 8-11, 35 & 40)	1
*	67-4170	Spring Set (Incl. Ref. #26-31)	

*Not Illustrated

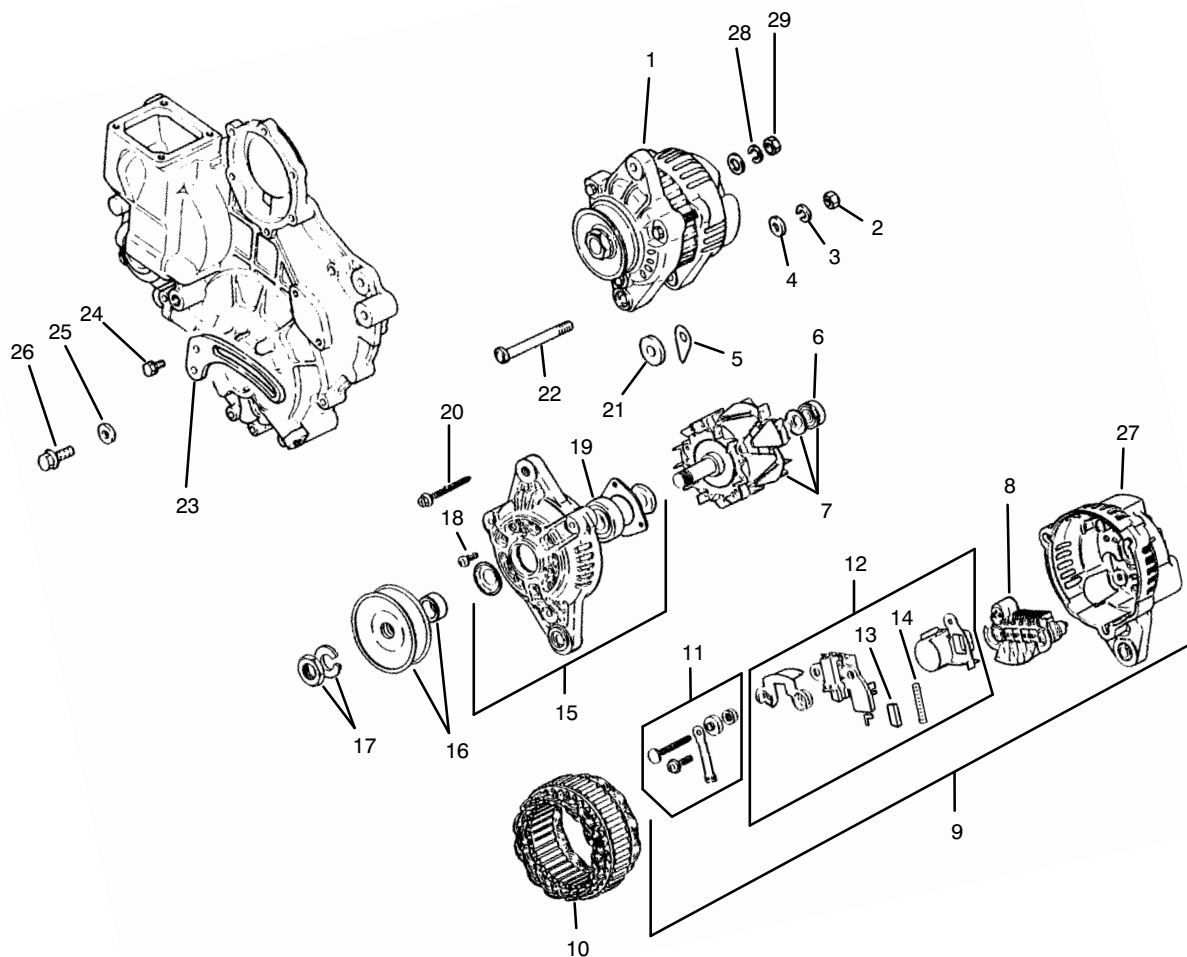


T-0572

STARTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70-8760	Starter Assembly (Incl. Ref. #3-23)	1
2	67-4610	Bolt W/Washer	2
3	70-8770	Bracket - Front	1
4	67-4720	Lever	1
5	67-4730	Spring Set	1
6	70-8780	Bracket - Center	1
7	67-4750	Switch	1
8	56-1570	Bolt Set	1
9	56-1680	Cover Set	1
10	56-1670	Gear	1
11	67-4790	Shaft	1
12	67-4780	Gear Set (Incl. Ref. #10 & 11)	1
13	56-1640	Stopper Set	1

Ref. No.	Part No.	Description	No. Used
14	67-4770	Pinion Set (Incl. Ref. #13)	1
15	67-4760	Shaft Assembly (Incl. Ref. #9, 12 & 14)	1
16	56-1610	Bolt	1
17	56-1720	Bracket - Rear	1
18	56-1700	Holder - Brush (Incl. Ref. #19)	1
19	56-1710	Spring - Brush	4
20	67-4800	Yoke	1
21	56-1600	Bearing - Rear	1
22	56-1590	Bearing - Front	1
23	56-1580	Armature Set (Incl. Ref. #21 & 22)	1

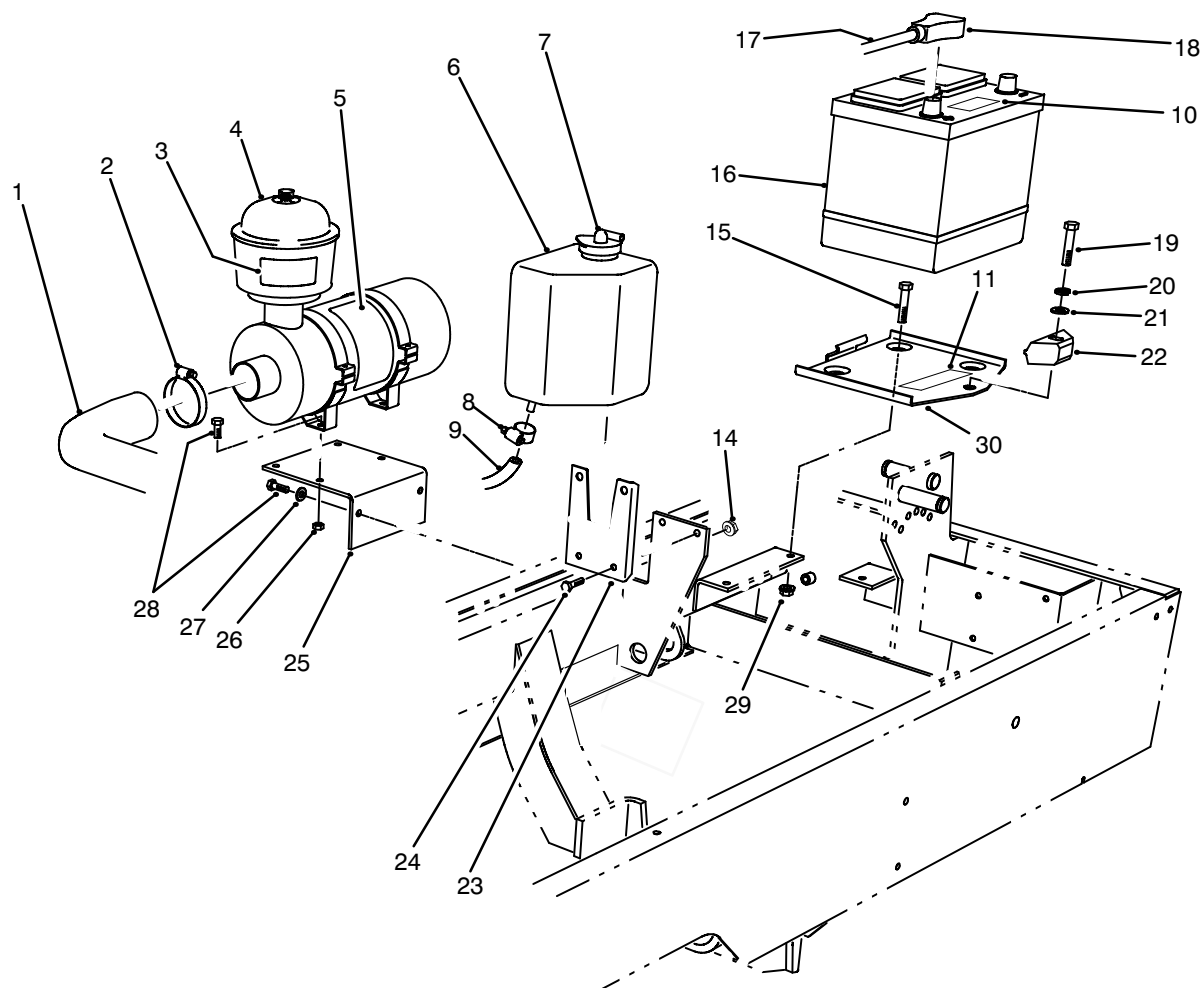


T-0573

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4630	Alternator Assembly (Incl. Ref. #6-17)	1
2	67-4670	Nut	1
3	67-3260	Washer	1
4	42-9660	Washer	1
5	43-0370	Shim	1
6	67-4870	Bearing - Rear	1
7	67-4860	Rotor Assembly (Incl. Ref. #6)	
8	67-4930	Rectifier	1
9	67-4890	Rear Cover Assembly (Incl. Ref. #8, 11, 12 & 27)	1
10	67-4880	Stator	1
11	67-4900	Terminal Set	1
12	67-4910	Regulator Assembly (Incl. Ref. #13 & 14)	1

Ref. No.	Part No.	Description	No. Used
13	67-4920	Brush	2
14	43-0510	Spring - Brush	2
15	67-4830	Front Bracket Assembly (Incl. Ref. #18 & 19)	1
16	67-4810	Pulley Set	1
17	43-1920	Nut Set	1
18	67-4840	Screw Set	1
19	67-4850	Bearing - Front	1
20	67-4820	Bolt Set	1
21	67-4620	Spacer	1
22	67-4640	Bolt	1
23	75-4940	Brace - Alternator	1
24	42-9440	Bolt W/Washer	1
25	54-8660	Washer	1
26	67-4660	Bolt - Flange	1
27	72-6140	Cover - Rear	1



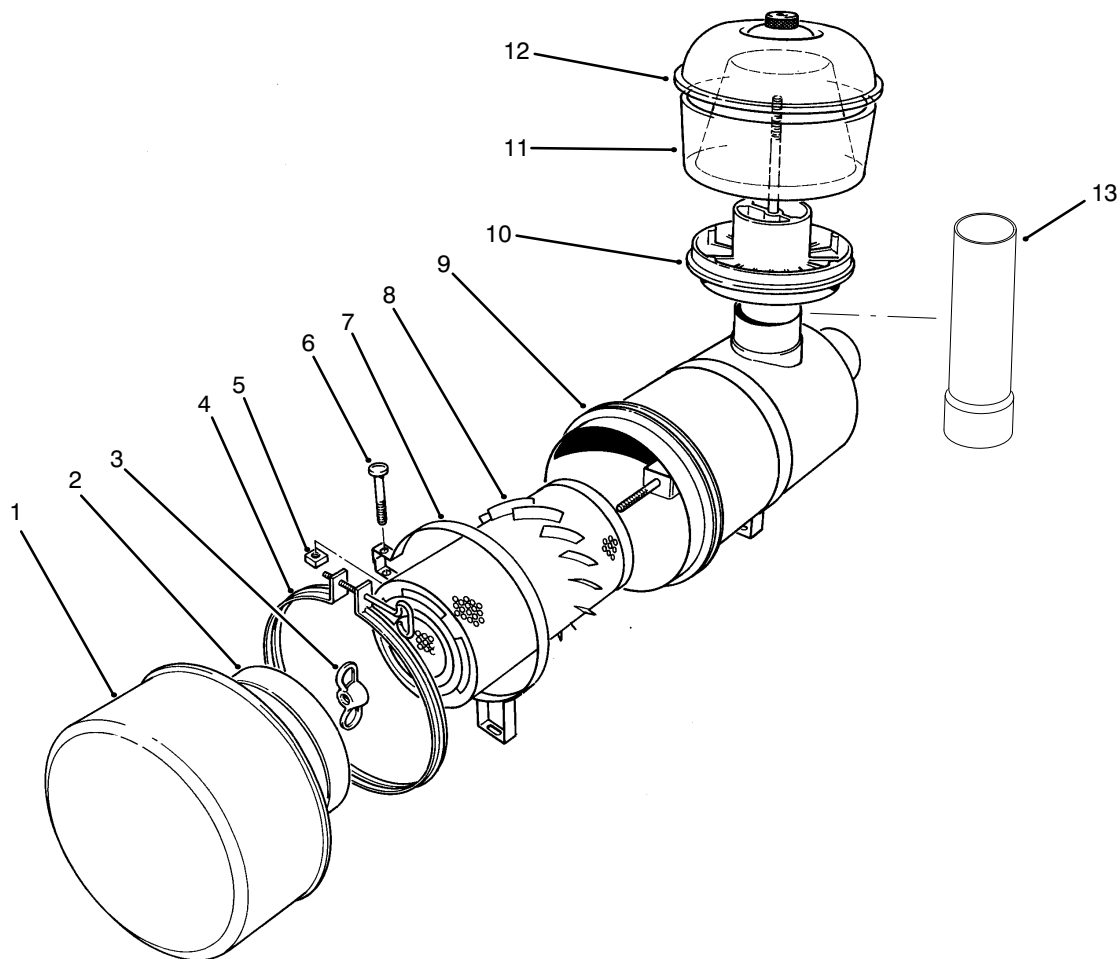
T-1056C

ENGINE COMPONENTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94-1896	Hose – Air Cleaner	1
2	2412-42	Clamp – Hose	1
‡3	83-9150	Decal – Starting Fluid	1
3	93-6692	Decal – Starting Fluid (Europe)	1
4	48-4220	Air Cleaner Assembly (Incl. Ref. #5)	1
‡5	27-7160	Decal – Instructions (English)	1
5	93-8052	Decal – Instructions (Europe)	1
6	63-7380	Expansion Tank Assembly (Incl. Ref. #7)	1
7	71-1520	Cap – Expansion Tank	1
8	92-2379	Clamp – Hose	1
9	75-2850	Hose – Expansion Tank	1
10	93-7276	Decal – Danger (Europe)	1
11	93-6668	Decal – Battery (Europe)	1
14	32128-33	Nut – Lock, Flange	2

Ref. No.	Part No.	Description	No. Used
15	322-4	Screw – Cap Hex. Hd.	3
16		Battery (Type 26, 530 Amp.)	1
17	75-1370	Battery Cable Assy. (+) (Incl. Ref. #18)	1
18	28-1280	Boot – Cable	1
19	323-9	Screw – Cap Hex. Hd.	1
20	3253-21	Washer – Lock	1
21	3256-24	Washer – Flat	1
22	66-2490	Clamp – Battery	1
23	75-4250	Bracket – Expansion Tank	1
24	321-5	Screw – Cap Hex. Hd.	2
25	75-3140	Bracket – Air Cleaner	1
26	3296-29	Nut – Lock	4
27	3256-23	Washer – Flat	2
28	322-3	Screw – Cap Hex. Hd.	6
29	32128-20	Nut – Lock	3
30	66-2330	Base – Battery	1

‡For different language versions of this part, see International Parts Page.



T-0126A

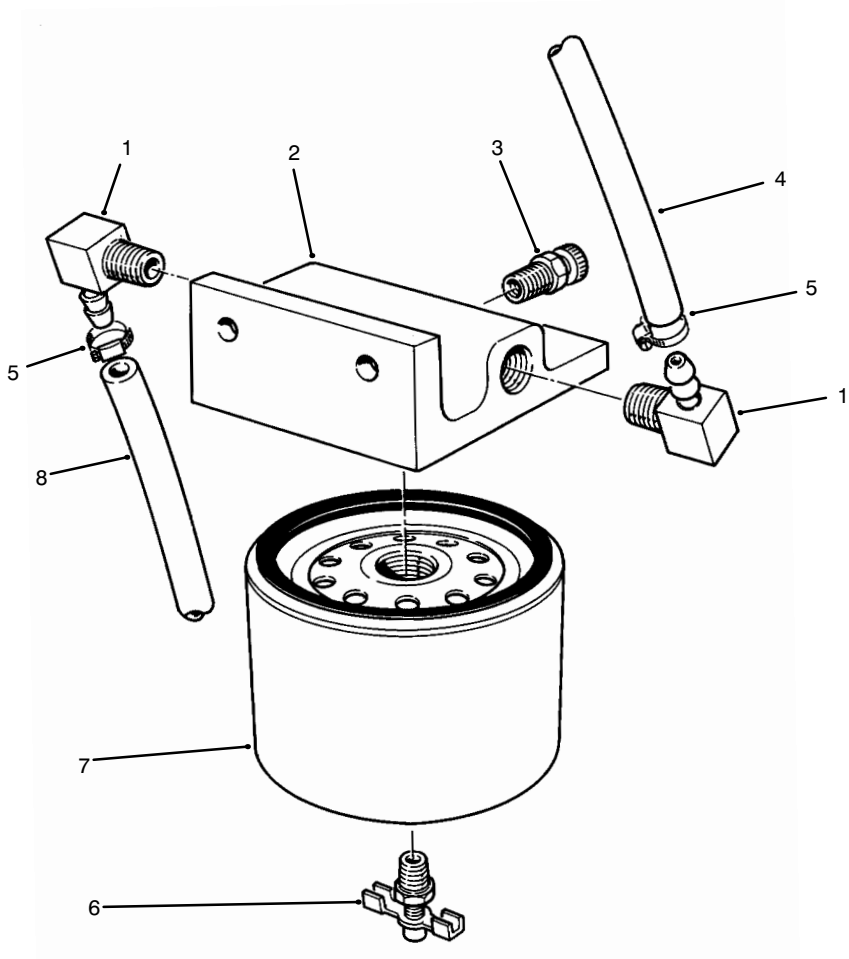
AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-7150	Cup Assembly	1
2	27-7140	Baffle	1
3	27-7120	Nut	1
4	27-7130	Clamp Assembly	1
5	32107-11	Nut-Square	2
6	3258-19	Screw-Machine	2
7	27-7170	Band Assembly	2
8	27-7110	Element Assembly	1
9†		Housing	1

Ref. No.	Part No.	Description	No. Used
10	62-6300	Sleeve Assembly	1
11	33-1270	Bowl	1
12	33-1260	Cover Assembly	1
13	43-3810	Tube - Air Cleaner	1
*	48-7430	Pre-Cleaner Assembly	1
		(Incl. Ref. #10-12)	
*	48-4220	Air Filter Assembly	1
		(Incl. Ref. #1-4, 8-9)	
*	27-7220	Air Cleaner Soap	1

*Not Illustrated

†Not Serviceable Separately

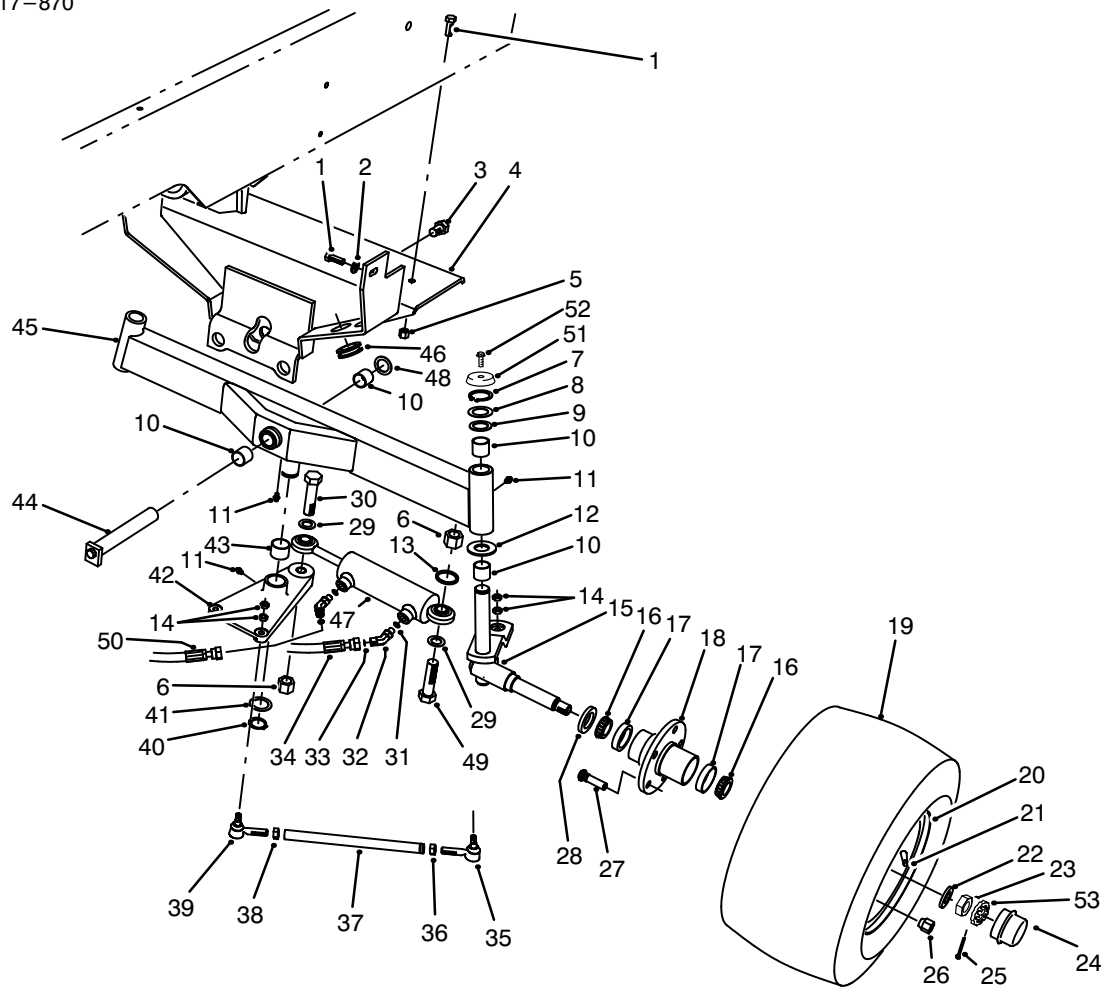


T-1030

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	353-781	Fitting-Elbow	2	7	63-8300	Element-Spin-On (Incl. Ref. #6)	1
2	63-8280	Head-Filter, Fuel (Incl. Ref. #3)	1	8	63-7610	Hose-Fuel	1
3	63-8290	Vent-Air	1	*	63-8300	Fuel Filter Assembly (Incl. Ref. #2, 3 & 6-7)	1
4	63-7620	Hose-Fuel	1				
5	2412-108	Clamp-Hose	2				
6	63-8310	Valve-Drain	1				

*Not Illustrated



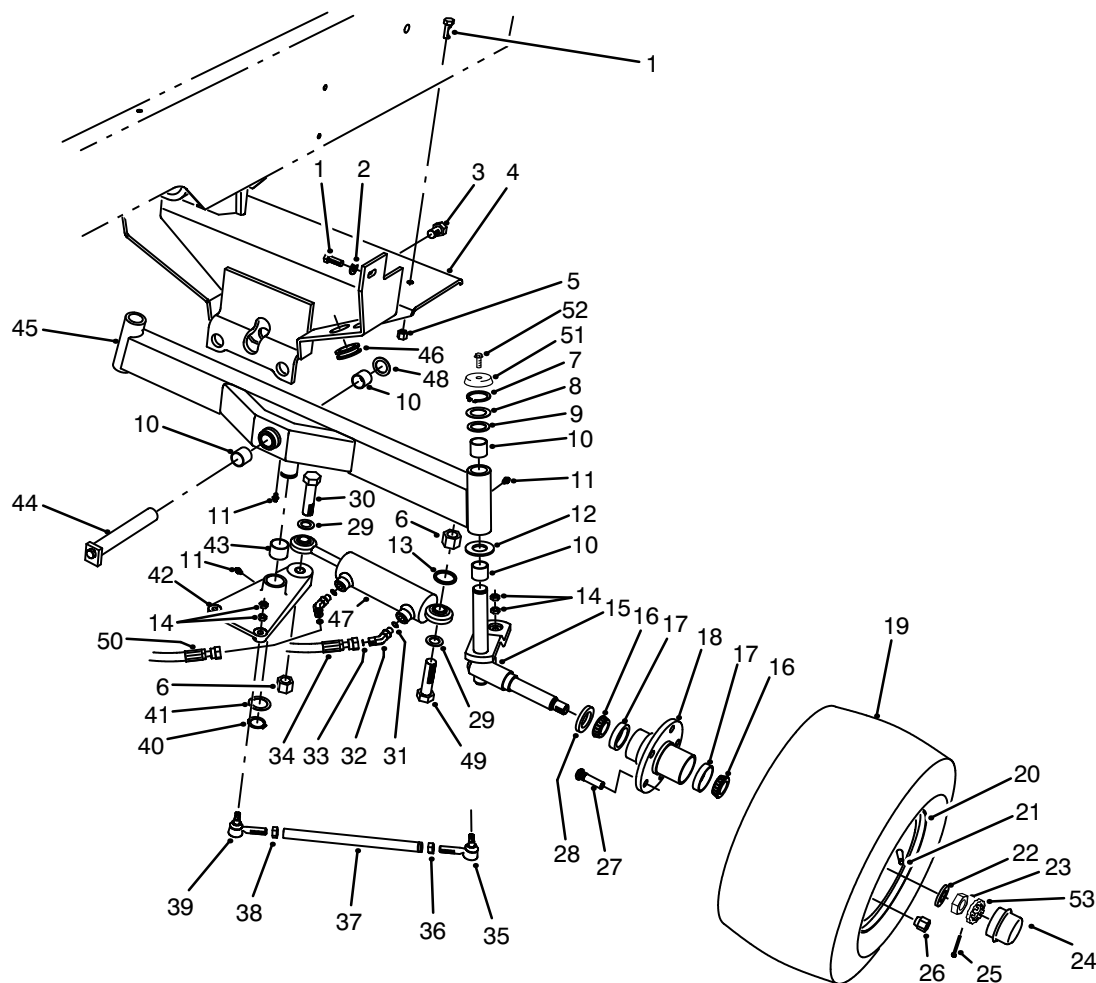
T-1915A

REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	323-6	Screw - Cap Hex. Hd.	4
2	3256-24	Washer - Flat	2
3	327-2	Screw - Cap Hex. Hd.	1
4	93-0064	Support - Rear Axle	1
5	3296-39	Nut - Lock	2
6	32153-6	Nut - Lock	2
7	32151-36	Ring - Retaining	2
8	5-1226	Washer - Shim	A/R
9	10-8110	Washer - Thrust	2
10	67-1751	Bushing - Sleeve	6
11	302-5	Fitting - Grease	4
12	256-121	Washer - Thrust	2
13	67-7250	Spacer - Cylinder	1
14	3220-3	Nut - Jam	8
15	93-7001	Spindle - Rear L.H.	1
*	93-7000	Spindle - Rear R.H.	1
16	254-94	Cone - Bearing	4
17	254-72	Cup - Bearing	4
18	21-2820	Hub - Rear Wheel	2
19	231-141	Tire	2
20	217-121	Rim	2
21	232-35	Stem - Valve	2
22	93-0309	Washer - Tab	2

Ref. No.	Part No.	Description	No. Used
23	3220-7	Nut - Jam	2
24	241-119	Cap - Dust	2
25	3272-13	Pin - Cotter	2
26	242-50	Nut - Lug	10
27	10-6830	Stud - Drive	10
28	253-129	Seal - Grease	2
29	67-9410	Washer - Thrust	2
30	328-25	Screw - Cap Hex. Hd.	1
31	237-78	Seal - O-Ring	2
32	340-103	Fitting - Hydraulic 45° (Incl. Ref. #31 & 33)	2
33	237-21	Seal - O-Ring	2
34	75-6220	Hose - Hydraulic	1
35	21-0140	Joint - Ball	2
36	3220-5	Nut - Jam	2
37	75-3130	Rod - Tie	2
38	3220-12	Nut - Jam L.H. Thread	2
39	21-0150	Joint - Ball L.H. Thread	2
40	32151-77	Ring - Retaining	1
41	76-2980	Washer - Thrust	1
42	75-4410	Pivot Plate Assembly (Incl. Ref. #11 & 43)	1
43	76-2970	Bushing - Sleeve	2

*Not Illustrated

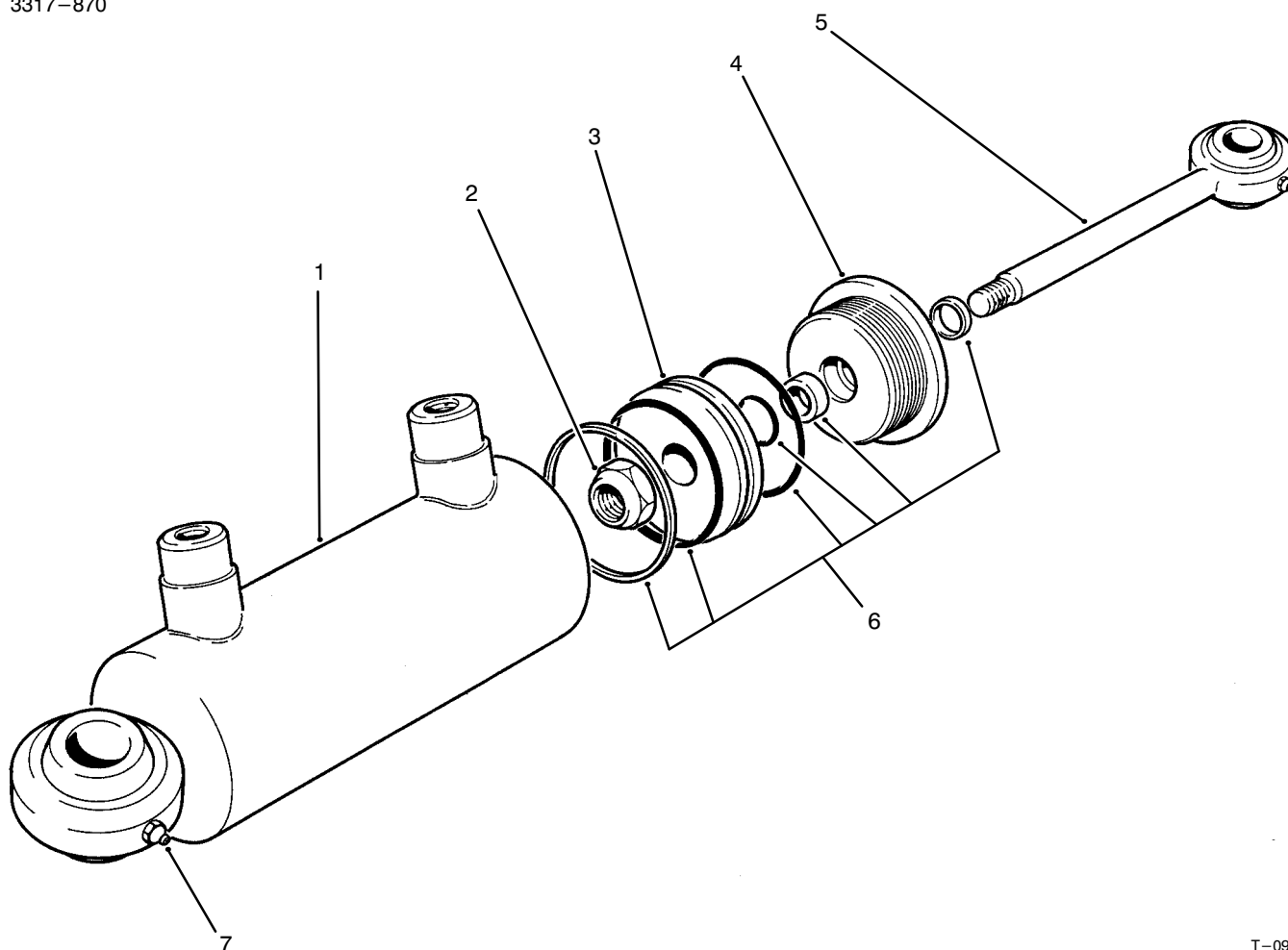


T-1915A

REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
44	75-4180	Pin – Rear Axle Pivot	1
45	75-2900	Rear Axle Assembly (Incl. Ref. #10 & 11)	1
46	237-165	Grommet	2
47	75-1200	Hydraulic Cylinder Assembly	1
48	5-1226	Washer – Thrust	1

Ref. No.	Part No.	Description	No. Used
49	328-27	Screw – Cap Hex. Hd.	1
50	75-6230	Hose – Hydraulic	1
51	66-2990	Cap – Spindle	2
52	3234-13	Screw – Cap Hex. Hd.	2
53	93-0307	Nut – Retainer	2



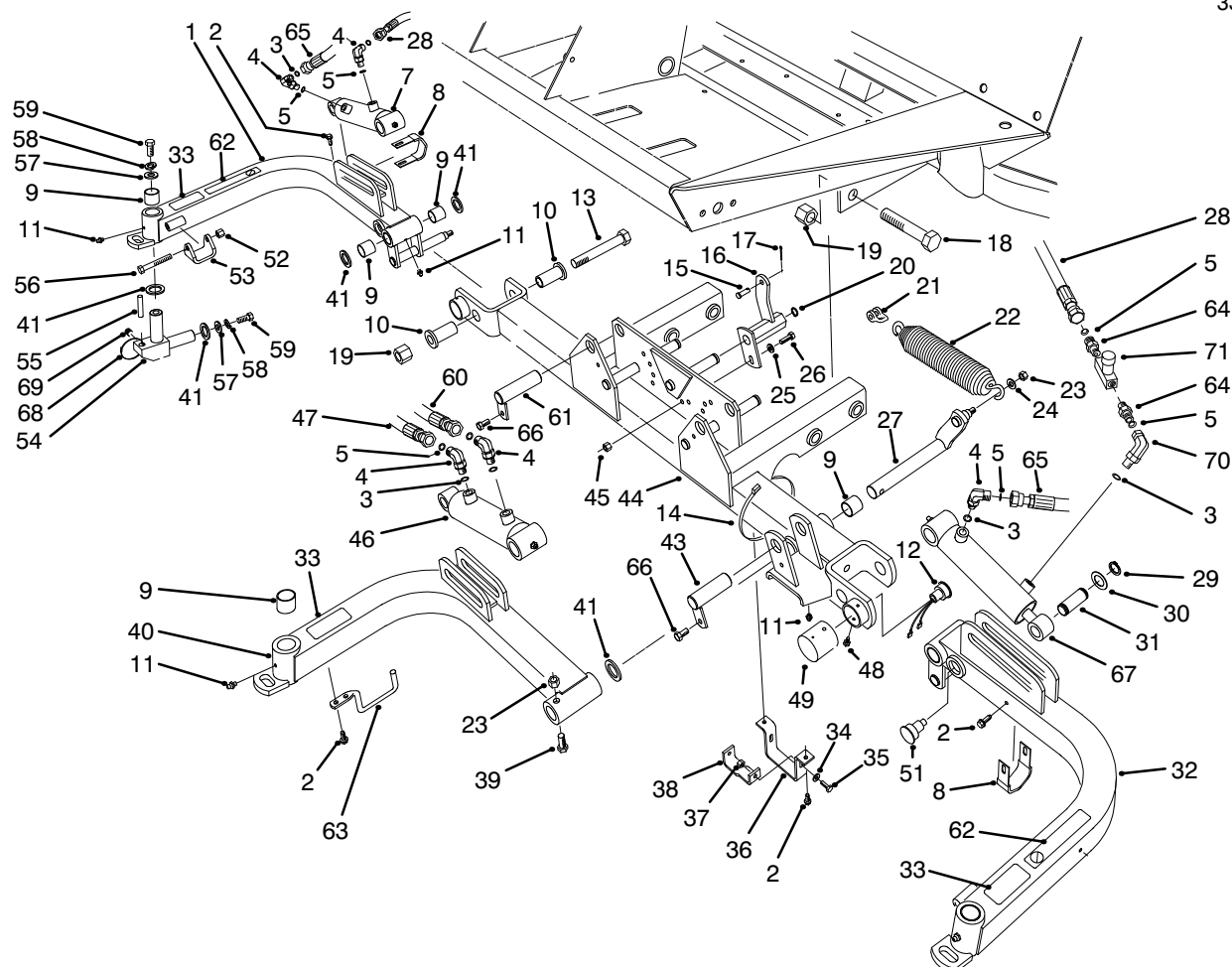
T-0996

HYDRAULIC CYLINDER NO. 75-1200

Ref. No.	Part No.	Description	No. Used
†1		Barrel Assembly	1
2	75-1210	Nut-Lock	1
3	75-1220	Piston	1
4	75-1260	Head-Internal	1

Ref. No.	Part No.	Description	No. Used
5	75-1230	Piston Rod Assembly	1
6	75-1250	Seal Kit	1
7	302-5	Fitting - Grease	2

†Not Serviced Separately



T-1059B

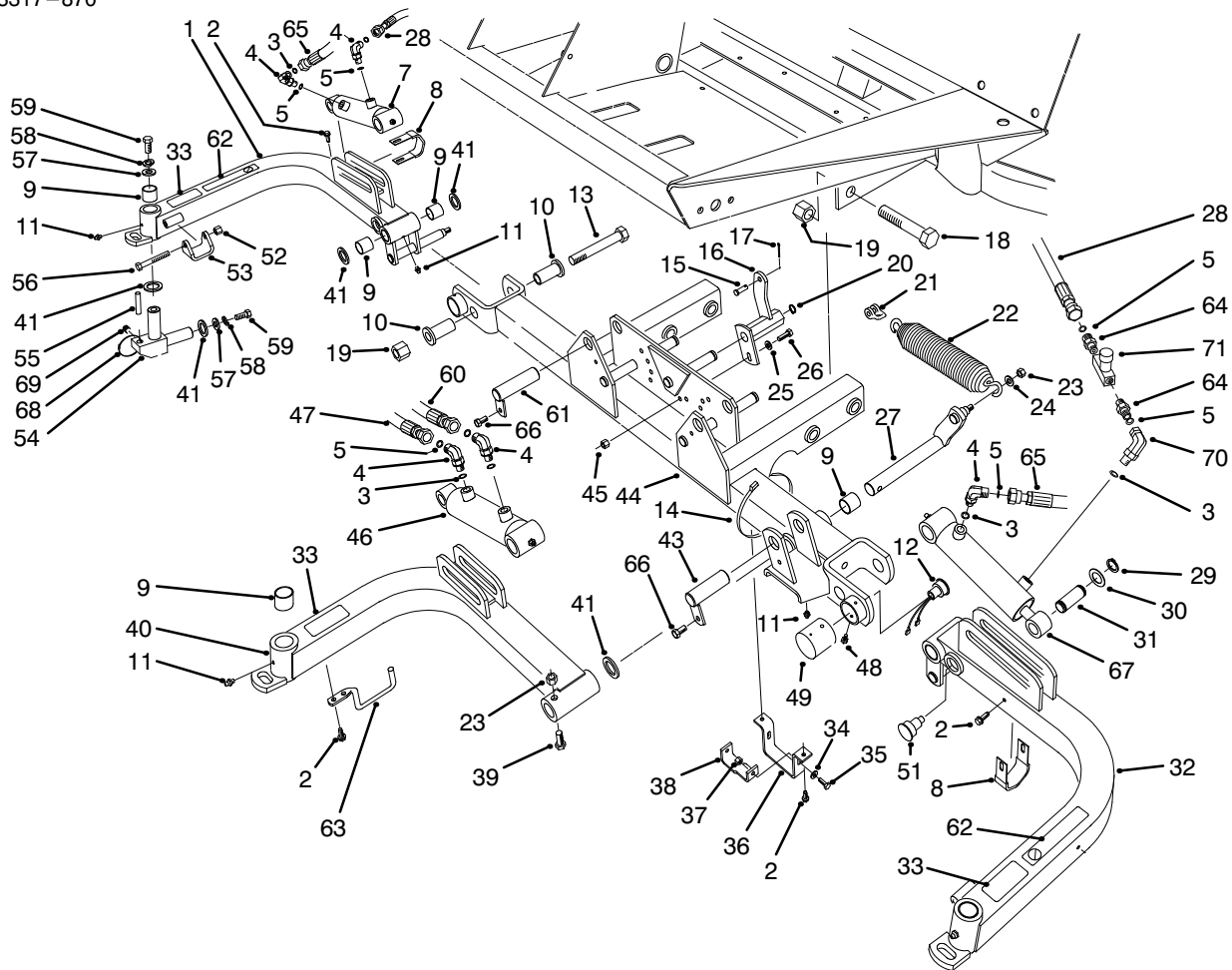
FRONT LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-5450	Lift Arm Assembly R.H. (Incl. Ref. #9 & 11)	1
2	49-2040	Screw - Thread Forming	8
3	237-78	Seal - O-Ring	6
4	340-132	Fitting - Hydraulic 90° (Incl. Ref. #3 & 5)	5
5	237-21	Seal - O-Ring	8
7	93-7551	Hydraulic Cylinder Assembly	1
8	75-5330	Clamp - Hose	2
9	67-1750	Bushing - Sleeve	12
10	84-8320	Insert - Hinge	4
11	302-5	Fitting - Grease	6
12	92-8002	Sensor - Reed Switch	1
13	328-12	Screw - Cap Hex. Hd.	2
14	3290-379	Tie - Cable	3
15	283-6	Pin - Clevis	3
16	75-5210	Bracket - Spring Center	1
*	75-5200	Bracket - Spring R.H.	1
*	75-5220	Bracket - Spring L.H.	1
17	3272-10	Pin - Cotter	3
18	328-7	Screw - Cap Hex. Hd.	4
19	3296-51	Nut - Lock	6
20	32151-48	Ring - Retaining	3

Ref. No.	Part No.	Description	No. Used
21	282-4	Clevis - Spring	3
22	5-0743	Spring - Extension	3
23	3296-44	Nut - Lock	4
24	3256-24	Washer - Flat	3
25	3256-23	Washer - Flat	3
26	322-5	Screw - Cap Hex. Hd.	3
27	75-4550	Shaft - Center Arm Pivot	1
28	75-5890	Hose - Hydraulic	2
29	32120-93	Ring - Retaining	6
30	3-6498	Washer - Thrust	6
31	75-5350	Pin - Cylinder Rod End	3
32	75-5460	Lift Arm Assembly L.H. (Incl. Ref. #9 & 11)	1
‡33	55-4300	Decal - Warning	3
33	93-6696	Decal - Warning (Europe)	3
34	3256-22	Washer - Flat	2
35	321-4	Screw - Cap Hex. Hd.	2
36	75-5370	Mount - Clamp	1
37	3296-42	Nut - Lock	2
38	75-5380	Bracket - Clamp	1
39	323-11	Screw - Cap Hex. Hd.	1
40	75-5420	Lift Arm Assembly Center (Incl. Ref. #9 & 11)	1

*Not Illustrated

‡For different language versions of this part, see International Parts Page.



T-1059B

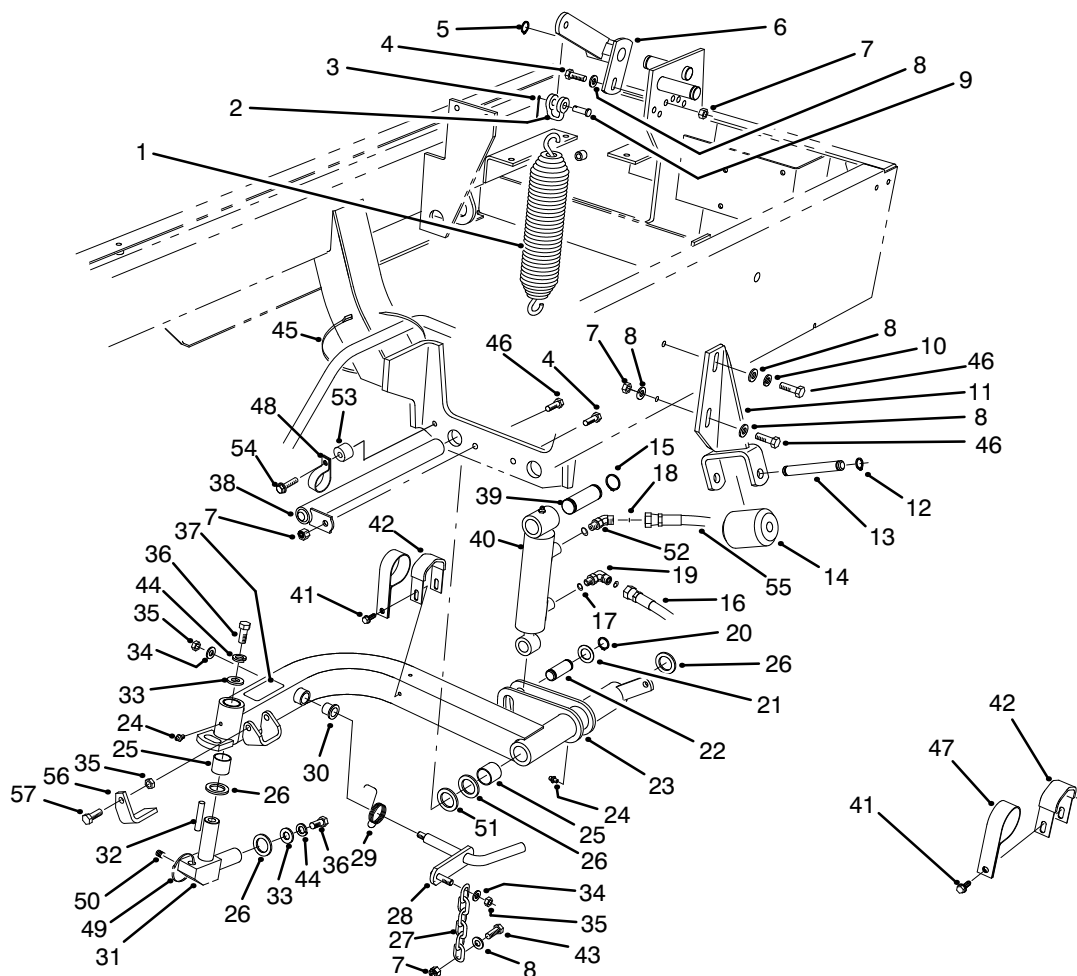
FRONT LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
41	256-115	Washer - Thrust	11
43	83-6790	Pin - Cylinder (Short)	1
44	75-3040	Carrier Frame Assembly (Incl. Ref. #9 & 11)	1
45	3296-29	Nut - Lock	3
46	93-9310	Hydraulic Cylinder Assembly	1
47	75-5900	Hose - Hydraulic	1
48	32104-76	Screw - Thread Forming	2
49	75-6370	Cover - Sensor	1
51	92-8754	Actuator - Reed Switch	1
52	3296-39	Nut - Lock	2
53	75-5410	Bracket - Arm	2
54	75-3010	Joint - Arm	3
55	32121-122	Pin - Roll	3
56	323-12	Screw - Cap Hex. Hd.	2
57	3256-6	Washer - Flat	6
58	3253-7	Washer - Lock	6
59	325-4	Screw - Cap Hex. Hd.	6
60	75-5910	Hose - Hydraulic	1
61	83-6780	Pin - Cylinder (Long)	2

Ref. No.	Part No.	Description	No. Used
‡62	36-3400	Decal - No Step	2
62	93-6687	Decal - No Step (Europe)	2
63	75-5300	Rod - Hose Support	1
64	340-13	Fitting - Straight (Incl. Ref. #5)	2
65	82-6490	Hose - Hydraulic	1
66	32144-14	Screw - Self Tapping	3
67	93-7550	Hydraulic Cylinder Assy.	1
68	3290-378	Tie - Cable	5
69	92-9097	Set Screw	3
70	340-143	Fitting - Hydraulic 90° (Incl. Ref. #3)	1
71	82-8270	Valve - Flow Control	1
*	67-7960	Decal - Hands/Feet Mounted on Cutting Unit Frames.	3
*	93-6688	Decal - Hands/Feet (Europe) Mounted on Cutting Unit Frames.	3

‡For different language versions of this part, see International Parts Page.

*Not Illustrated



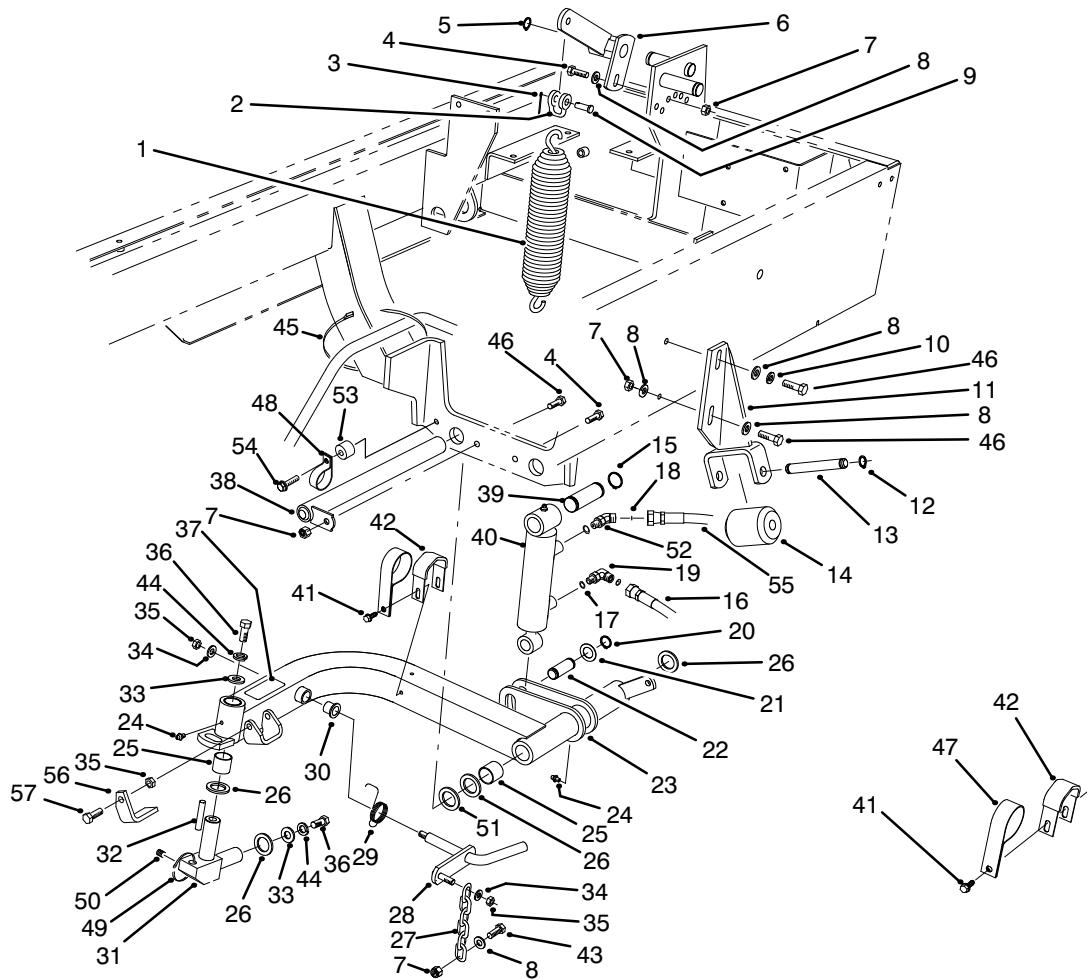
T-1060D

REAR LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	5-0743	Spring - Counterbalance	2	21	3-6498	Washer - Thrust	4
2	282-4	Clevis - Spring	2	22	75-5350	Pin - Cylinder Rod End	2
3	3272-10	Pin - Cotter	2	23	93-0066	Lift Arm Assy. Rear R.H. (Incl. Ref. #24, 25 & 30)	1
4	322-5	Screw - Cap Hex. Hd.	3	*	93-0068	Lift Arm Assy. Rear L.H. (Incl. Ref. #24, 25 & 30)	1
5	32151-48	Ring - Retaining	2	24	302-5	Fitting - Grease	4
6	75-4690	Bracket - Spring Rear R.H.	1	25	67-1750	Bushing - Sleeve	8
*	75-4650	Bracket - Spring Rear L.H.	1	26	256-115	Washer - Thrust	8
7	3296-29	Nut - Lock	8	27	5-1096	Chain - Cutting Unit	2
8	3256-23	Washer - Flat	10	28	75-4590	Rod - Pivot	2
9	283-6	Pin - Clevis	2	29	75-4520	Spring - Torsion R.H.	1
10	3253-4	Washer - Lock	2	*	75-4530	Spring - Torsion L.H.	1
11	75-3810	Bracket - Roller	2	30	256-287	Bushing - Flange	4
12	32151-61	Ring - Retaining	4	31	75-3010	Joint - Arm	2
13	75-5400	Shaft - Roller	2	32	32121-122	Pin - Roll	2
14	75-5390	Roller	2	33	3256-6	Washer - Flat	4
15	32151-36	Ring - Retaining	4	34	3256-24	Washer - Flat	4
16	75-6180	Hose - Hydraulic R.H.	2	35	3296-39	Nut - Lock	6
*	75-6080	Hose - Hydraulic L.H. (Rod)	1	36	325-4	Screw - Cap Hex. Hd.	4
17	237-78	Seal - O-Ring	4	‡37	55-4300	Decal - Warning	2
18	237-21	Seal - O-Ring	4	37	93-6696	Decal - Warning (Europe)	2
19	340-132	Fitting - Hydraulic 90° (Incl. Ref. #17 & 18)	3	38	93-0069	Pin - Pivot	2
20	32120-93	Ring - Retaining	4				

*Not Illustrated

‡For different language versions of this part, see International Parts Page.



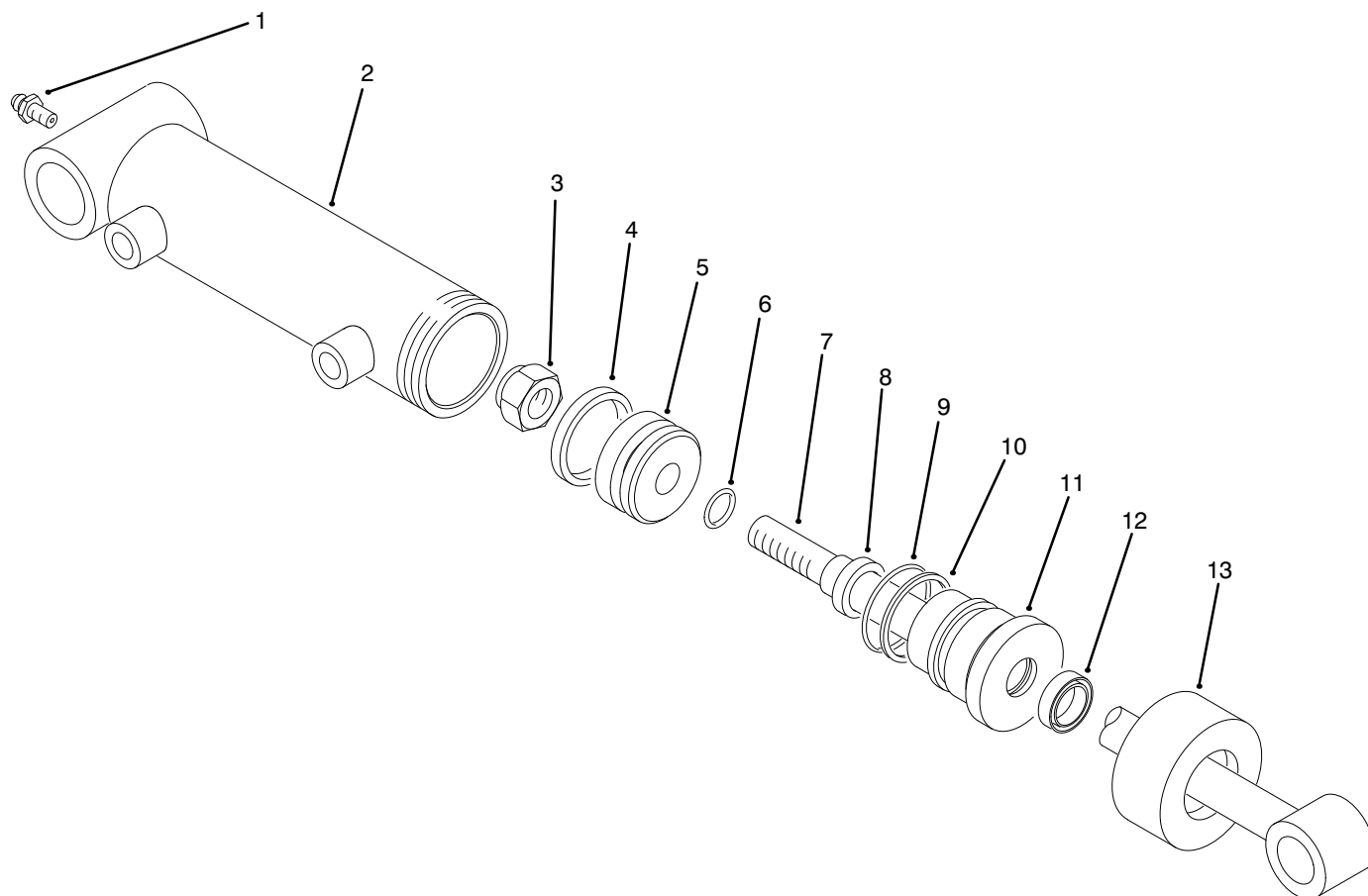
T-1060D

REAR LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
39	75-5360	Pin – Cylinder Cap End	2
40	93-9311	Hydraulic Cylinder Assy.	2
41	49-2040	Screw – Thread Forming	5
42	75-5330	Clamp – Hydraulic Line	2
43	322-12	Screw – Cap Hex. Hd.	2
44	3253-7	Washer – Lock	4
45	3290-379	Tie – Cable	1
46	322-6	Screw – Cap Hex.	4
47	2412-107	Clamp – R (Used on left rear cutting unit lift arm only)	1
48	2412-74	Clamp – R	2
49	3290-378	Tie – Cable	3
50	92-9097	Set Screw	2
51	93-0142	Bushing – Straight	2

Ref. No.	Part No.	Description	No. Used
52	340-103	Fitting – Hydraulic 45° (Incl. Ref. #17 & 18)	1
53	92-5791	Spacer	2
54	32144-49	Screw – Hex. Washer Hd.	2
55	75-6070	Hose – Hydraulic L.H. (Cap)	1
56	93-3640	Stop – Reel, RH	1
*	83-5170	Stop – Reel, LH	1
57	323-6	Screw – Cap Hex. Hd.	2
*	67-7960	Decal – Hands/Feet Mounted on Cutting Unit Frames.	2
*	93-6688	Decal – Hands/Feet (Europe) Mounted on Cutting Unit Frames.	2

*Not Illustrated



T-2053

HYDRAULIC CYLINDER NO. 93-9311

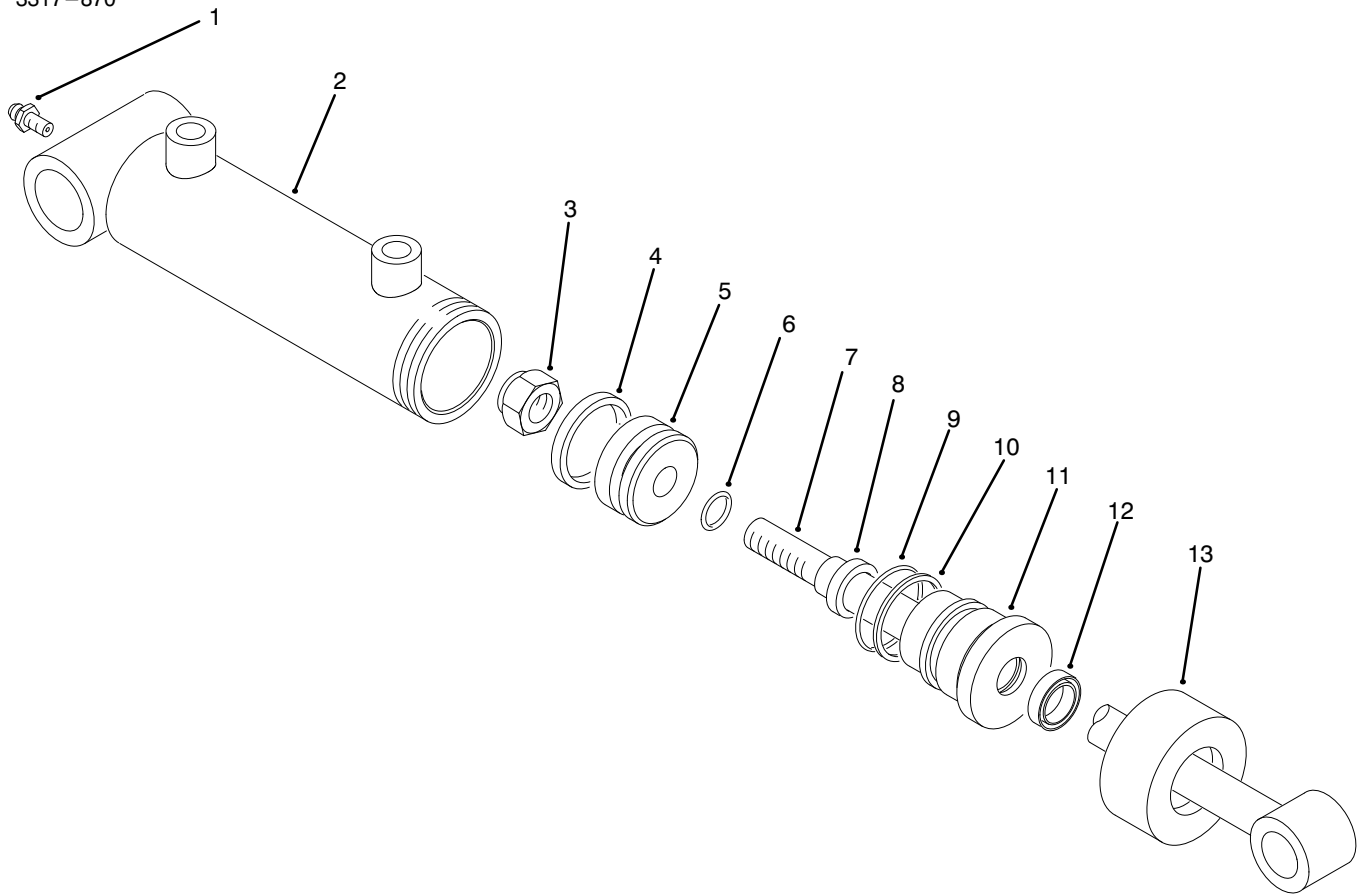
Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting - Grease	1
2	93-9313	Asm. - Barrel	1
3	32152-10	Nut	1
4		Uni-ring	1
5	70-2780	Piston	1
†6		O-Ring	1
7	75-3790	Shaft W/Tube	1
†8		Seal - Rod	1

Ref. No.	Part No.	Description	No. Used
†9		O-Ring	1
†10		Backup	1
11	93-7990	Head	1
†12		Seal - Dust	1
13	93-7991	Collar	1
*	86-7330	Seal repair Kit (Incl. Ref. #4, 6, 8-10 & 12)	1

*Not Illustrated

†Not Serviced Separately

3317-870



T-2054

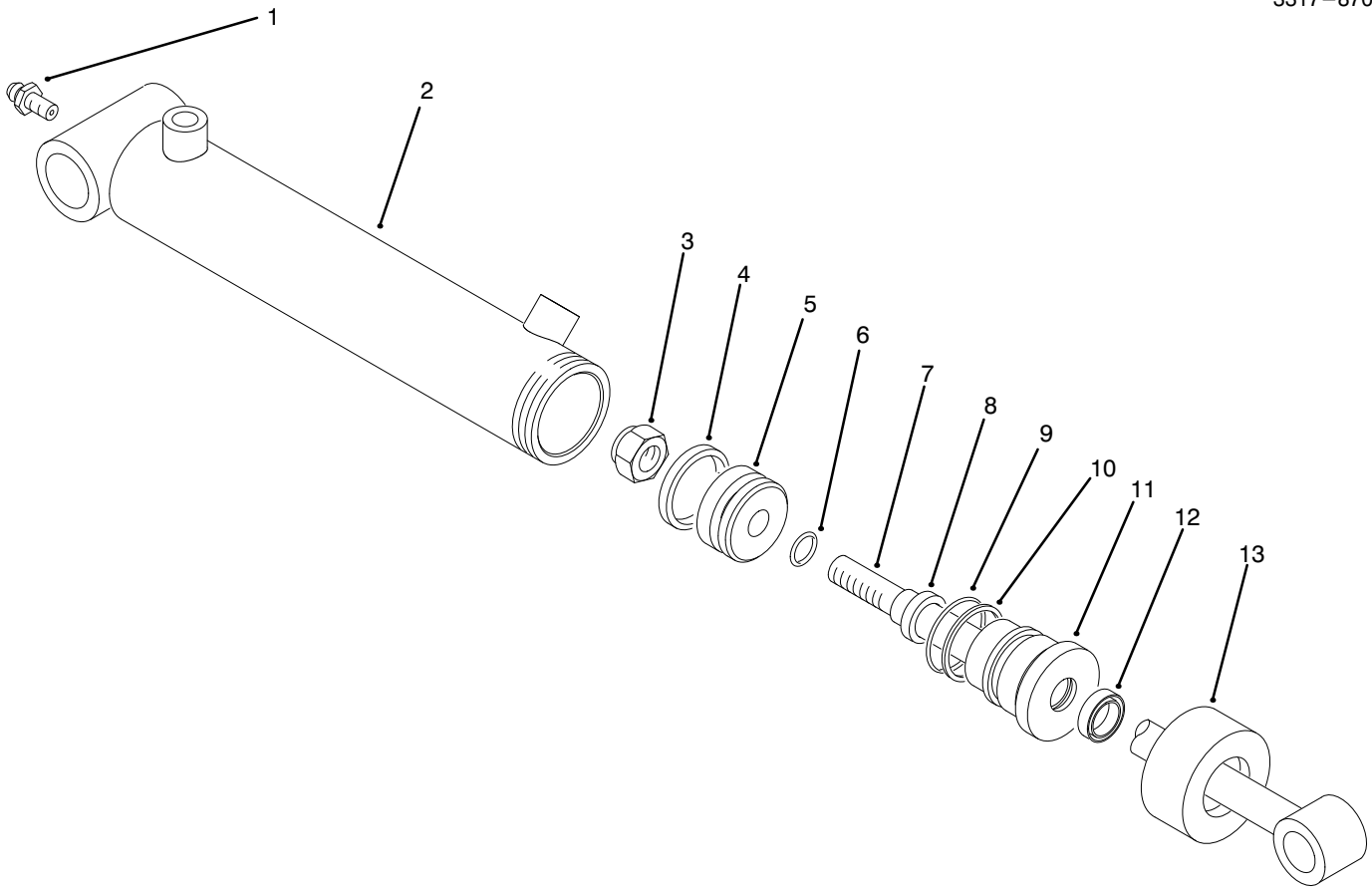
HYDRAULIC CYLINDER NO. 93-9310

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting - Grease	1
2	93-9312	Asm. - Barrel	1
3	32152-10	Nut	1
†4		Uni-ring	1
5	70-2780	Piston	1
†6		O-Ring	1
7	75-3790	Shaft W/Tube	1
†8		Seal - Rod	1

Ref. No.	Part No.	Description	No. Used
9		O-Ring	1
†10		Backup	1
11	93-7990	Head	1
†12		Seal - Dust	1
13	93-7991	Collar	1
*	86-7330	Seal repair Kit (Incl. Ref. #4, 6, 8-10 & 12)	1

*Not Illustrated

†Not Serviced Separately

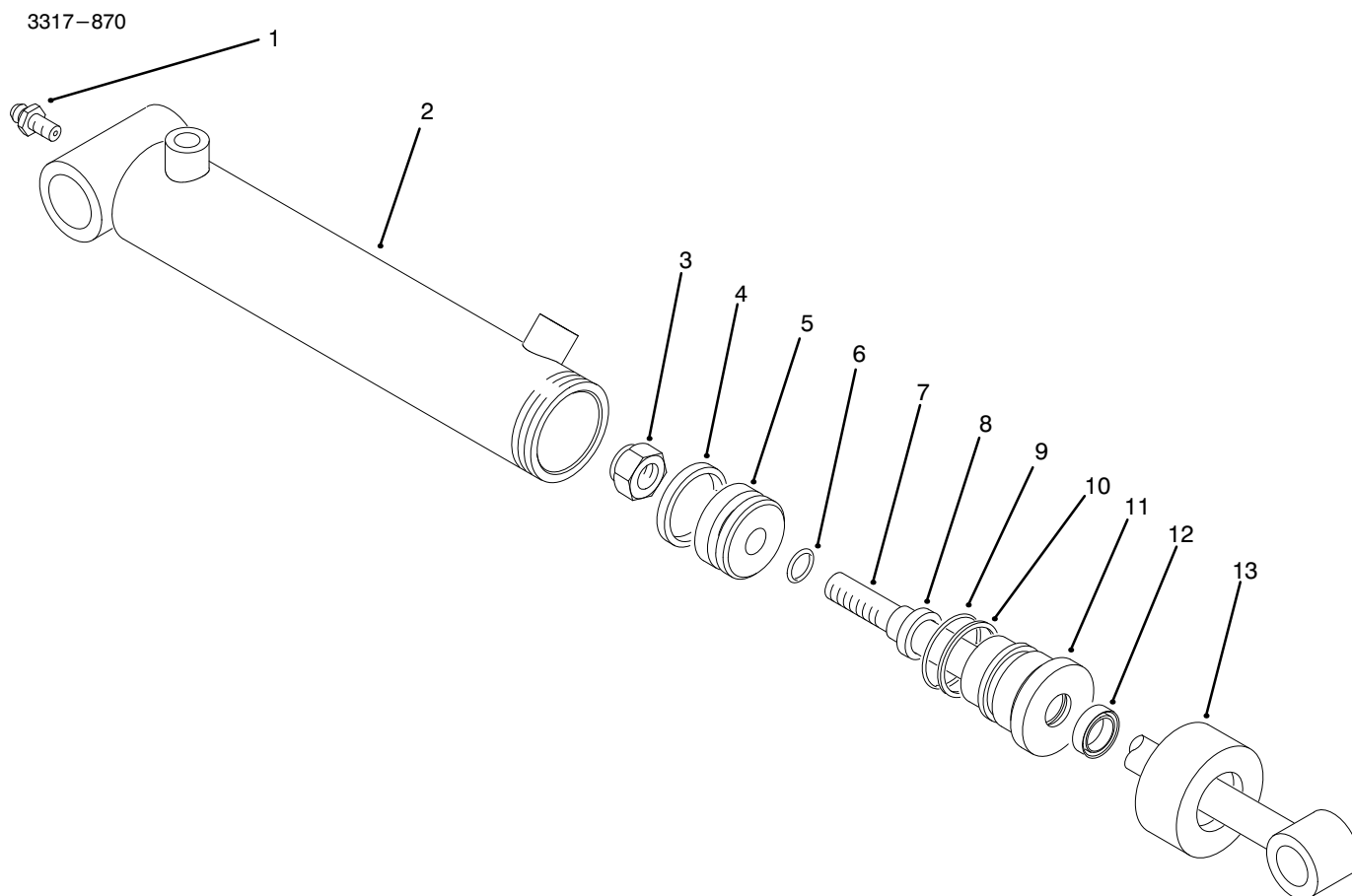


T-2055

HYDRAULIC CYLINDER NO. 93-7551

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting - Grease	1	†9		O-Ring	1
2	93-7558	Asm. - Barrel	1	†10		Backup	1
3	32152-10	Nut	1	11	93-7993	Head	1
†4		Uni-ring	1	†12		Seal - Dust	1
5	84-1710	Piston	1	13	93-7994	Collar	1
†6		O-Ring	1	*	84-1760	Seal repair Kit	
7	84-1740	Shaft W/Tube	1			(Incl. Ref. #4, 6, 8-10 & 12)	1
†8		Seal - Rod	1				

*Not Illustrated
†Not Serviced Separately



T-2055

HYDRAULIC CYLINDER NO. 93-7550

Ref. No.	Part No.	Description	No. Used
1	302-5	Fitting - Grease	1
2	93-7557	Asm. - Barrel	1
3	32152-10	Nut	1
†4		Uni-ring	1
5	70-2780	Piston	1
†6		O-Ring	1
7	75-2120	Shaft W/Tube	1
†8		Seal - Rod	1

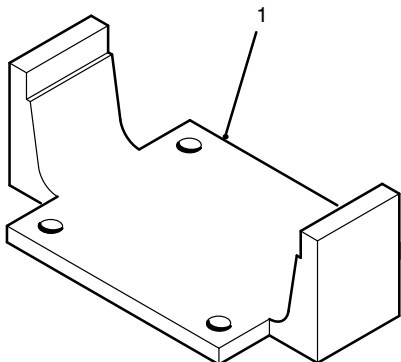
Ref. No.	Part No.	Description	No. Used
†9		O-Ring	1
†10		Backup	1
11	93-7990	Head	1
†12		Seal-Dust	1
13	93-7991	Collar	1
*	86-7330	Seal repair Kit (Incl. Ref. #4, 6, 8-10 & 12)	1

*Not Illustrated

†Not Serviced Separately

SPECIAL TOOLS

AXLE TOOL NO. *TOR859920



T-1325

Ref. No.	Part No.	Description	No. Used
1		Tool – Axle	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.

INTERNATIONAL PARTS PAGE

JAPANESE PARTS KIT NO. 83-6880

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	JAPANESE
Decal No Step	Lift Arms	36-3400	84-2780
Decal Diesel Only	Left Fender	52-1320	84-2860
Decal Spring Loaded	Lift Arms	55-4300	84-2940
Decal No Starting Fluid	Air Cleaner	67-1700	84-3100
Decal Hydraulic Oil	Right Fender & Frame	85-4730	88-1980
Decal Bolt	Frame	77-0490	80-4880
Decal Backlap	Backlap Bracket	75-0750	84-3260
Decal Towing	Tool Box Cover	75-1280	84-3340
Decal No Riders	Fenders	75-5190	84-3420
Decal Fast/Slow	Steering Tower	75-6710	84-3500
Decal Knobs	Seat Plate	83-7440	84-3900
Decal Diagnostic	A.C.E. Display	85-4760	93-8089

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	JAPANESE
Decal Slopes	Tool Box	75-7540	84-3660
Decal This End Down	Radiator Screen	83-7450	84-3820
Decal Fuses	Inside Control Box	85-4720	84-4060
Decal Service Instructions	Inside Tool Box	93-3601	92-1116
Decal Hands/Feet	Cutting Unit Frames	67-7960	84-4220
Decal Seat Belts	R.O.P.S. Roof	83-7430	84-4300
Decal HOC Instructions	Under Control Console	94-4934	94-4582
Decal Clip	Under Seat Plate	85-4610	92-1124
Decal Reels	Under Seat Plate	85-4530	92-1108
Decal Floor Plate	Main Frame	88-0440	88-1900

TORO PART NUMBER INDEX

3317-870

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
3-3251	Spring - Compression	3 12 1	36-3400	Decal - No Step	58 62 2
3-6498	Washer - Thrust	59 21 4	38-3400	Guard - Rubber	18 8 2
3-6498	Washer - Thrust	29 22 2	42-6080	Shim - Axle	23 37 A/R
3-6498	Washer - Thrust	57 30 6	42-7080	Cap	41 2 2
3-6657	Clamp - Cable	6 30 1	42-7190	Bushing - Knock	44 33 2
3-6657	Clamp - Cable	36 48 1	42-7210	Plug-Taper	40 19 1
5-0652	Spacer	5 42 1	42-7290	Gasket - Drain	40 16 2
5-0743	Spring - Counterbalance	59 1 2	42-7510	Pipe	42 4 1
5-0743	Spring - Extension	57 22 3	42-7510	Pipe	42 9 1
5-1096	Chain - Cutting Unit	59 27 2	42-7840	Key	41 20 1
5-1226	Washer - Shim	54 8 A/R	42-7860	Lock	38 33 12
5-1226	Washer - Thrust	55 48 1	42-7870	Seal	38 30 6
5-3637	Washer - Flat	35 23 1	42-8240	Gasket	46 6 3
10-6830	Stud - Drive	54 27 10	42-8690	Metal - Sealing	48 37 1
10-8110	Washer - Thrust	54 9 2	42-8700	Wire	48 38 1
14-0959	Hood	1 6 1	42-8830	Seal - O-Ring	48 6 1
21-0140	Joint - Ball	54 35 2	42-8830	Seal - O-Ring	48 10 1
21-0150	Joint - Ball L.H. Thread	54 39 2	42-9110	Gasket	42 21 1
21-2820	Hub - Rear Wheel	54 18 2	42-9110	Gasket - Muffler	34 15 1
21-7670	Case-Differential	26 33 1	42-9260	Plug - Drain	40 15 1
21-7690	Gear-Pinion	25 6 2	42-9420	Bolt - Speed Set	48 33 4
21-7700	Shaft-Pinion Mate	26 31 1	42-9430	Bolt W/Washer	42 7 1
21-7710	Pin-Roll	26 30 1	42-9430	Bolt W/Washer	48 12 2
21-7720	Washer-Thrust	25 4 2	42-9440	Bolt W/Washer	40 8 11
21-7730	Washer-Thrust	25 7 2	42-9440	Bolt W/Washer	50 24 1
21-7770	Screw-Drive Gear	26 32 5	42-9440	Bolt W/Washer	38 25 4
21-8020	Spacer-Front Pinion	26 25 1	42-9490	Bolt W/Washer	43 10 4
21-8090	Diff. Adjust. Shim .003	26 38 A/R	42-9490	Bolt W/Washer	41 11 2
21-8100	Diff. Adjust. Shim .005	26 37 A/R	42-9490	Bolt W/Washer	40 18 18
21-8110	Diff. Adjust. Shim .010	26 36 A/R	42-9510	Bolt	39 42 1
21-8120	Diff. Adjust. Shim .030	26 35 A/R	42-9570	Stud	42 20 4
21-8180	Bearing	27 3 2	42-9590	Nut	38 17 6
21-8230	Vent Tube Assembly	26 39 1	42-9640	Nut - Jam	48 9 2
21-8270	Pin-Dowel	25 3 2	42-9650	Nut - Jam	44 30 1
21-8360	Clip-Retaining	27 12 2	42-9660	Washer	50 4 1
21-8390	Cup-Bearing	26 24 1	42-9660	Washer	39 39 3
21-9260	Seal - Shaft	3 27 1	42-9850	Washer - Lock	34 14 4
21-9370	Screw-Adjusting	27 16 2	42-9850	Washer - Lock	35 26 1
21-9380	Nut-Pivot	27 17 2	43-0090	Screw - Cap Hex. Hd.	34 20 3
21-9390	Socket-Adjusting Screw	27 15 2	43-0370	Shim	50 5 1
21-9420	Spring-Shoe Return, L.H.	27 19 2	43-0510	Spring - Brush	50 14 2
21-9430	Spring-Shoe Return, R.H.	27 7 2	43-1920	Nut Set	50 17 1
21-9440	Spring-Adjusting Screw	27 14 2	43-2550	Filter	44 18 1
21-9450	Shield-Dust	27 5 2	43-2560	Gasket - Side Cover	44 19 1
21-9460	Retainer-Brake, Parking	27 10 4	43-2570	Gasket-Coil Side	44 17 1
23-2270	Bushing - Rubber	29 26 1	43-2580	Magnet	44 20 1
23-7270	Nut - Lug	23 1 10	43-2710	Seal - O-Ring	42 36 2
24-8790	Gear-Bevel, Differential	25 5 2	43-2710	O-Ring	45 45 1
24-8840	Ring-Bearing, Wheel	27 22 2	43-2740	Gasket	34 8 1
24-9180	Lever, Brake, Parking	27 4 2	43-2750	Nut - Lock	34 9 1
27-2360	Ignition Switch Assembly	11 19 1	43-2820	Cap - Sealing	39 47 1
27-3710	Dipstick - Axle	23 41 1	43-3160	Screw - Adjusting	39 44 1
27-5340	Hose - Fuel	22 11 1	43-3220	Screw - Cap Hex. Hd.	34 5 2
27-6852	Shaft-Axle, Flanged R.H.	27 * 1	43-3810	Tube - Air Cleaner	52 13 1
27-6862	Shaft-Axle, Flanged L.H.	27 1 1	43-5920	Washer - Lock	35 25 1
27-7110	Element Assembly	52 8 1	43-5960	Nut - Special	39 46 1
27-7120	Nut	52 3 1	43-5970	Nut - Hex.	35 24 1
27-7130	Clamp Assembly	52 4 1	43-6710	Diff. Adjust. Shim .003	25 15 A/R
27-7140	Baffle	52 2 1	43-6711	Diff. Adjust. Shim .005	25 16 A/R
27-7150	Cup Assembly	52 1 1	43-6712	Diff. Adjust. Shim .010	25 17 A/R
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27-7170	Band Assembly	52 7 2	43-6750	Cup-Bearing, Tapered	25 10 1
27-7220	Air Cleaner Soap	52 * 1	43-6760	Cone-Bearing, tapered	25 9 1
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28-0670	Seal-Oil	27 8 2	44-2210	Assembly - Light, Warning	11 6 1
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28-1280	Boot - Cable	51 18 1	46-6550	Connector - Fuel Elbow 90°	22 20 1
29-6162	Switch - Neutral	29 6 1	46-6560	Grommet	22 21 2
33-1260	Cover Assembly	52 12 1	46-8091	Screw - Cap Hex. Hd.	2 43 4
33-1270	Bowl	52 11 1	47-0110	Spacer - Spindle	35 4 1

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48-4220	Air Filter Assembly	52 * 1	63-8140	Pulley - Idler	35 43 1
48-7430	Pre-Cleaner Assembly	52 * 1	63-8280	Head-Filter, Fuel	53 2 1
48-7700	Screw - Cap Hex. Hd.	35 17 1	63-8290	Vent-Air	53 3 1
48-7930	Nut - Lock	34 13 4	63-8300	Element-Spin-On	53 7 1
48-9570	Washer - Lock	34 6 2	63-8300	Fuel Filter Assembly	53 * 1
48-9590	Washer - Lock	35 12 10	63-8310	Valve-Drain	53 6 1
48-9590	Washer - Lock	34 21 1	63-8360	Key - Ignition	11 9 1
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49-2040	Screw - Hex. Washer Hd.	2 47 2	63-8410	Washer - Flat	14 37 3
49-2040	Screw - Thread Forming	57 2 8	65-5100	Handle	1 5 2
49-2040	Screw - Thread Forming	60 41 5	66-2330	Base - Battery	51 30 1
49-6440	Plate - Traction Pedal	5 11 1	66-2490	Clamp - Battery	51 22 1
52-1320	Decal - Fuel	1 28 1	66-2920	Washer - Friction	6 31 2
53-8150	Fuel Pump Assembly	22 2 1	66-2960	Cluster - Warning	11 7 1
53-8150	Pump Assembly	47 * 1	66-2990	Cap - Spindle	55 51 2
53-8150	Pump Assembly	44 21 1	66-3180	Tube - Vent	32 22 1
54-8660	Washer	50 25 1	66-3240	Cap - Radiator	32 8 1
54-9040	Yoke - End	34 26 1	66-4160	Spring	6 38 1
54-9180	Kit - U-Joint	34 25 1	66-6480	Washer - Flat	23 38 4
55-4300	Decal - Warning	57 33 3	66-8121	Standpipe - Elbow 90°	22 19 1
55-4300	Decal - Warning	59 37 2	66-8520	Bumper - Down-stop	8 17 2
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56-0020	Plug - Expansion	44 12 3	66-8610	Weldment - Lower	8 10 1
56-0100	Plug - Taper	44 37 1	66-8800	Relay - Glow Plug	32 37 1
56-0220	Pin - Dowel	44 35 2	66-9290	Spacer	8 15 6
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56-0480	Key - Woodruff	38 18 2	66-9780	Bushing	4 29 1
56-1060	Snap Ring	41 15 1	66-9860	Upper Cover & Jacket	4 37 1
56-1230	Shaft - Oil Filter	44 28 1	66-9870	Plate-Retaining	4 38 1
56-1570	Bolt Set	49 8 1	66-9880	Washer-Retaining Plate	4 39 1
56-1580	Armature Set	49 23 1	66-9890	Ring-Retaining	4 40 1
56-1590	Bearing - Front	49 22 1	66-9900	Shaft-Input	4 41 1
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56-1610	Bolt	49 16 1	66-9980	Seal-Kit	4 * 1
56-1640	Stopper Set	49 13 1	66-9990	Needle Roller Kit	4 * 1
56-1670	Gear	49 10 1	67-1630	Spacer - Fan	35 8 1
56-1680	Cover Set	49 9 1	67-1690	Fitting - Fuel Elbow 90°	22 35 2
56-1700	Holder - Brush	49 18 1	67-1750	Bushing - Sleeve	57 9 12
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61-2790	Screen - Filler	14 3 1	67-2210	Plug - Taper	44 36 3
62-3820	Fitting - Grease	34 24 1	67-2230	Seal-Oil	44 14 1
62-5550	Decal - TORO	1 1 1	67-2250	Bolt	41 5 8
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62-7400	Decal - TORO	1 11 1	67-2270	Case - Oil Seal	44 15 1
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63-6361	Bracket - Engine, Rear	36 * 1	67-2300	Gasket	44 9 1
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63-6890	Hinge - Hood R.H.	1 * 1	67-2330	Bolt	44 16 6
63-6900	Hinge - Hood L.H.	1 15 1	67-2330	Bolt	42 34 4
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63-7380	Expansion Tank Assembly	51 6 1	67-2340	Bolt W/Washer	40 3 3
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63-7610	Hose-Fuel	53 8 1	67-2360	Bushing - Knock	44 26 2
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63-7628	Hose - Fuel	22 29 1	67-2380	Bushing - Knock	44 27 3
63-7640	Unit - Sending	22 8 1	67-2390	Plug - Taper	44 24 1
63-7650	Filter - Fuel	22 32 1	67-2410	Bearing Set 0.25 mm US	41 * 1
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63-7790	Screw - Cap Hex. Hd.	35 11 8	67-2440	Bolt W/Washer	44 22 3
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67-2530	Gear - Inner	40 12 1	67-3320	Shim 0.6 mm	44 * 1
67-2540	Gear - Outer	40 11 1	67-3330	Shim 0.7 mm	45 38 1
67-2550	Housing - Oil Pump	40 10 1	67-3340	Shim 0.8 mm	45 * 1
67-2560	Bolt W/Washer	40 9 3	67-3350	Shim 0.9 mm	45 * 1
67-2570	Plug - Taper	42 19 1	67-3360	Shim 1.0 mm	45 * 1
67-2570	Plug - Taper	40 29 1	67-3370	Bolt W/Washer	45 39 4
67-2580	Gasket - Case	40 2 1	67-3380	Nozzle & Holder Assembly	44 6 1
67-2590	Seal - Oil	40 23 1	67-3380	Nozzle and Holder Assembly	47 * 3
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67-2600	Bolt	40 21 3	67-3400	Pipe Assy. No. 1	45 42 1
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67-2610	Bolt	40 22 4	67-3420	Pipe Assy. No. 3	44 1 1
67-2620	Bolt	40 24 1	67-3430	Nut	44 2 3
67-2630	Seal - O-Ring	40 20 2	67-3440	Gasket	44 4 3
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67-2650	Oil Fill Cap Assembly	40 32 1	67-3480	Seal - O-Ring	46 4 3
67-2660	Seal - O-Ring	40 31 1	67-3490	Spring	46 5 3
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67-2680	Hanger - Engine	42 16 2	67-3520	Sleeve	46 10 3
67-2700	Guide - Valve	42 42 6	67-3530	Seat - Spring Upper	46 11 3
67-2710	Cap - Sealing	42 41 3	67-3540	Spring	46 12 3
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67-2740	Bolt - Flange	42 15 3	67-3560	Plate - Shim 1.85 mm	46 14 1
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67-2900	Bearing Set 0.50 mm US	38 * 3	67-3630	Plate - Shim 2.2 mm	46 * 1
67-2910	Gear	38 7 1	67-3640	Plate - Shim 2.25 mm	46 * 1
67-2930	Pulley - Crankshaft	38 19 1	67-3650	Plate - Shim 2.3 mm	46 14 1
67-2940	Nut - Jam	38 22 1	67-3660	Plate - Shim 2.35 mm	46 * 1
67-2950	Washer	38 20 1	67-3670	Plate - Shim 2.4 mm	46 * 1
67-2960	Washer - Lock	38 21 1	67-3680	Plate - Shim 2.45 mm	46 * 1
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67-3020	Gear	41 12 1	67-3740	Holder-Delivery Valve	46 3 3
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67-3040	Plate	41 14 1	67-3750	Washer	46 20 2
67-3050	Bearing	41 22 1	67-3760	Plate - Lock	46 2 3
67-3060	Shaft	41 21 1	67-3770	Screw W/Washer	46 1 3
67-3070	Gear	41 17 1	67-3780	Rack	46 19 1
67-3080	Snap Ring	41 23 1	67-3790	Screw	46 17 2
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67-3170	Spring	39 40 2	67-3890	Washer 1.55 mm	47 * 1
67-3180	Cap	38 34 6	67-3900	Washer 1.6 mm	47 * 1
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67-3240	Snap Ring	38 3 2	67-3960	Nozzle	46 27 3
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67-4050	Shaft - Governor	48 19 1	67-4890	Rear Cover Assembly	50 9 1
67-4060	Lever - Governor	48 18 1	67-4900	Terminal Set	50 11 1
67-4070	Shaft - Sliding	48 16 1	67-4910	Regulator Assembly	50 12 1
67-4080	Clip	48 24 1	67-4920	Brush	50 13 2
67-4090	Lever - Tension	48 21 1	67-4930	Rectifier	50 8 1
67-4110	Cover Assembly	48 * 1	67-5040	Spring	48 20 1
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67-4130	Cover - Governor	48 4 1	67-7250	Spacer - Cylinder	54 13 1
67-4140	Lever - Stop	48 11 1	67-7960	Decal - Hands/Feet	58 * 3
67-4150	Lever - Stop	48 40 1	67-7960	Decal - Hands/Feet	60 * 2
67-4160	Gasket	48 5 1	67-9410	Washer - Thrust	54 29 2
67-4170	Spring Set	48 * 1	68-5140	Cap - Steering Wheel	3 7 1
67-4180	Nut	48 31 1	68-5370	Decal - TORO	3 5 1
67-4190	Spring - Torque	48 28 1	68-6150	Breather - Hydraulic Tank	14 2 1
67-4200	Nut - Special	48 30 1	69-4320	Fitting - Hydraulic 90°	15 25 1
67-4210	Case - Torque Spring	48 26 1	69-4780	Clamp - Light Cluster	12 42 1
67-4220	Screw - Adjusting	48 29 1	70-2780	Piston	61 5 1
67-4230	Stopper	48 27 1	70-2780	Piston	62 5 1
67-4240	Cap - Sealing Torque Set	48 32 1	70-2780	Piston	64 5 1
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67-4330	Oil Filter Assembly	45 40 1	70-8720	Spring - Tie Rod	48 22 1
67-4340	Screen Assembly	44 31 1	70-8760	Starter Assembly	49 1 1
67-4350	Switch - Oil Pressure	43 8 1	70-8770	Bracket - Front	49 3 1
67-4360	Pulley - Water Pump	43 1 1	70-8780	Bracket - Center	49 6 1
67-4380	Water Pump Assembly	43 6 1	70-8870	Guide - Oil Level	44 8 1
67-4390	Gasket - Water Pump	43 7 1	70-8880	Dipstick	44 5 1
67-4400	Bolt	42 1 2	71-1520	Cap - Expansion Tank	51 7 1
67-4400	Bolt	43 4 1	71-4330	Seal	26 41 1
67-4410	V-Belt	43 2 1	71-4350	Nut	25 20 1
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67-4430	Gasket - Fitting	42 45 1	72-3571	Shim .096 - Diff. Adjust.	25 * A/R
67-4440	Thermostat	42 38 1	72-3572	Shim .098 - Diff. Adjust.	25 * A/R
67-4450	Fitting - Thermostat	42 32 1	72-3573	Shim .100 - Diff. Adjust.	25 22 A/R
67-4460	Gasket - Switch	42 31 1	72-3574	Shim .102 - Diff. Adjust.	25 * A/R
67-4470	Bolt	42 33 1	72-3575	Shim .104 - Diff. Adjust.	25 * A/R
67-4480	Pipe - By-Pass	42 37 1	72-3576	Shim .106 - Diff. Adjust.	25 * A/R
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67-4510	Gauge Nut - Temperature	42 35 1	72-3580	Shim .112 - Diff. Adjust.	25 * A/R
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67-4640	Bolt	50 22 1	72-3590	Shim .133 - Diff. Adjust.	25 * A/R
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67-4760	Shaft Assembly	49 15 1	72-3598	Shim .149 - Diff. Adjust.	26 22 A/R
67-4770	Pinion Set	49 14 1	72-3600	Shim .151 - Diff. Adjust.	26 * A/R
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67-4790	Shaft	49 11 1	74-0720	Tube - Manual	6 10 1
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67-4810	Pulley Set	50 16 1	74-5520	Clutch - Fan	36 53 1
67-4820	Bolt Set	50 20 1	74-5950	Swell Latch Assembly	11 5 1
67-4830	Front Bracket Assembly	50 15 1	74-5950	Swell Latch Assembly	1 21 3
67-4840	Screw Set	50 18 1	74-9100	Pad - Forward	5 12 1
67-4850	Bearing - Front	50 19 1	74-9110	Pad - Reverse	5 14 1
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75-0040	Center Section	28 18 1	75-1230	Piston Rod Assembly	56 5 1
75-0060	Plug	28 20 4	75-1250	Seal Kit	56 6 1
75-0070	Plug	28 41 1	75-1260	Head-Internal	56 4 1
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IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Reelmaster® 5100D has two identification numbers; a model number and a serial number. The two numbers are stamped on a decal which is located on the traction unit frame under the seat. In any correspondence concerning the Reelmaster 5100D, 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 5100D.
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.

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their Toro

Distributor (Dealer) to obtain guarantee policies for your country, province or state.

MAINTENANCE RECORD

[illegible]

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A.