FORM NO. 3315–204

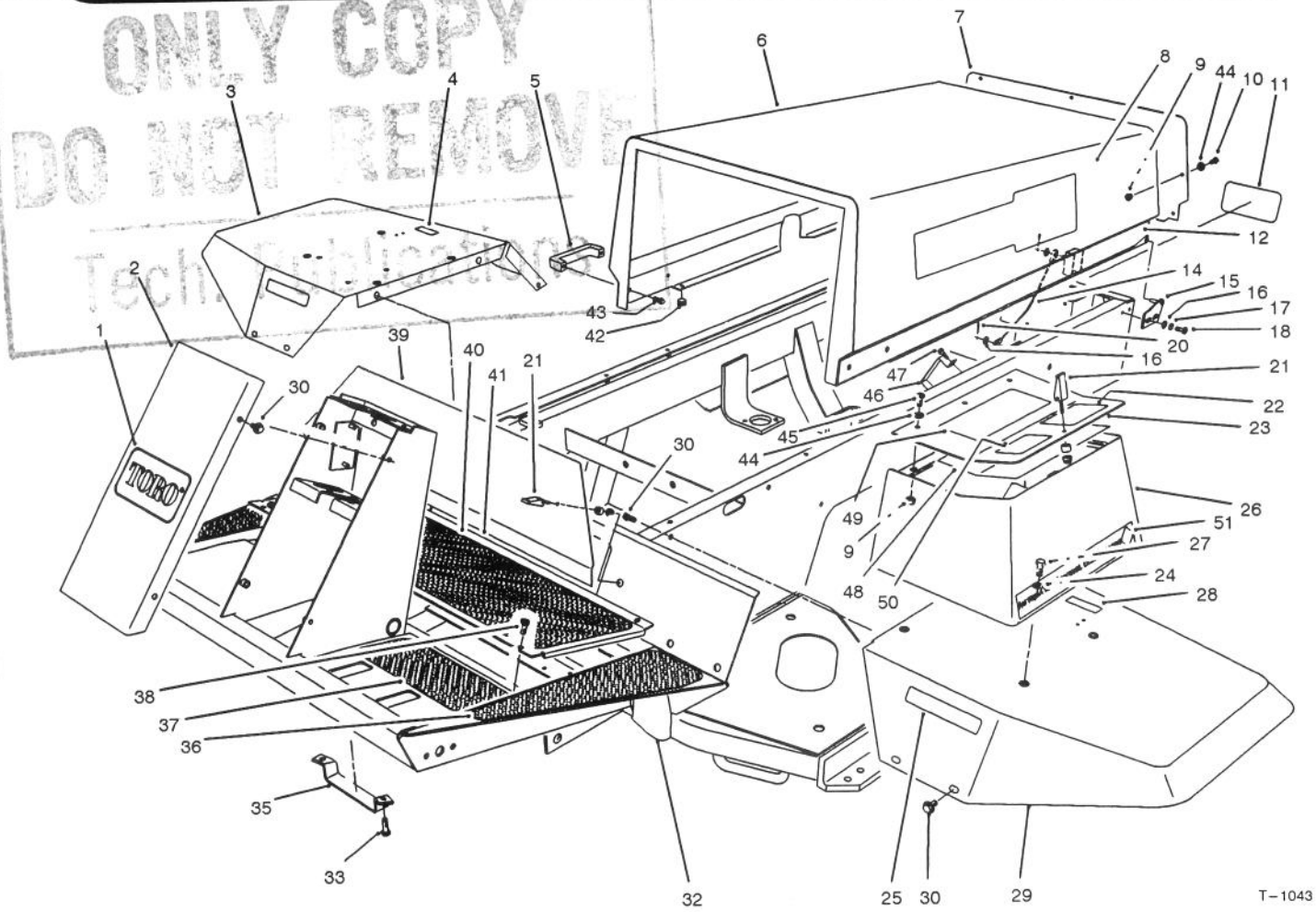
TORO®

MODEL NO. 03500–22001 & UP

PARTS CATALOG

REELMASTER® 223D
TRACTION UNIT WITH ACCESSORIES

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T–1043

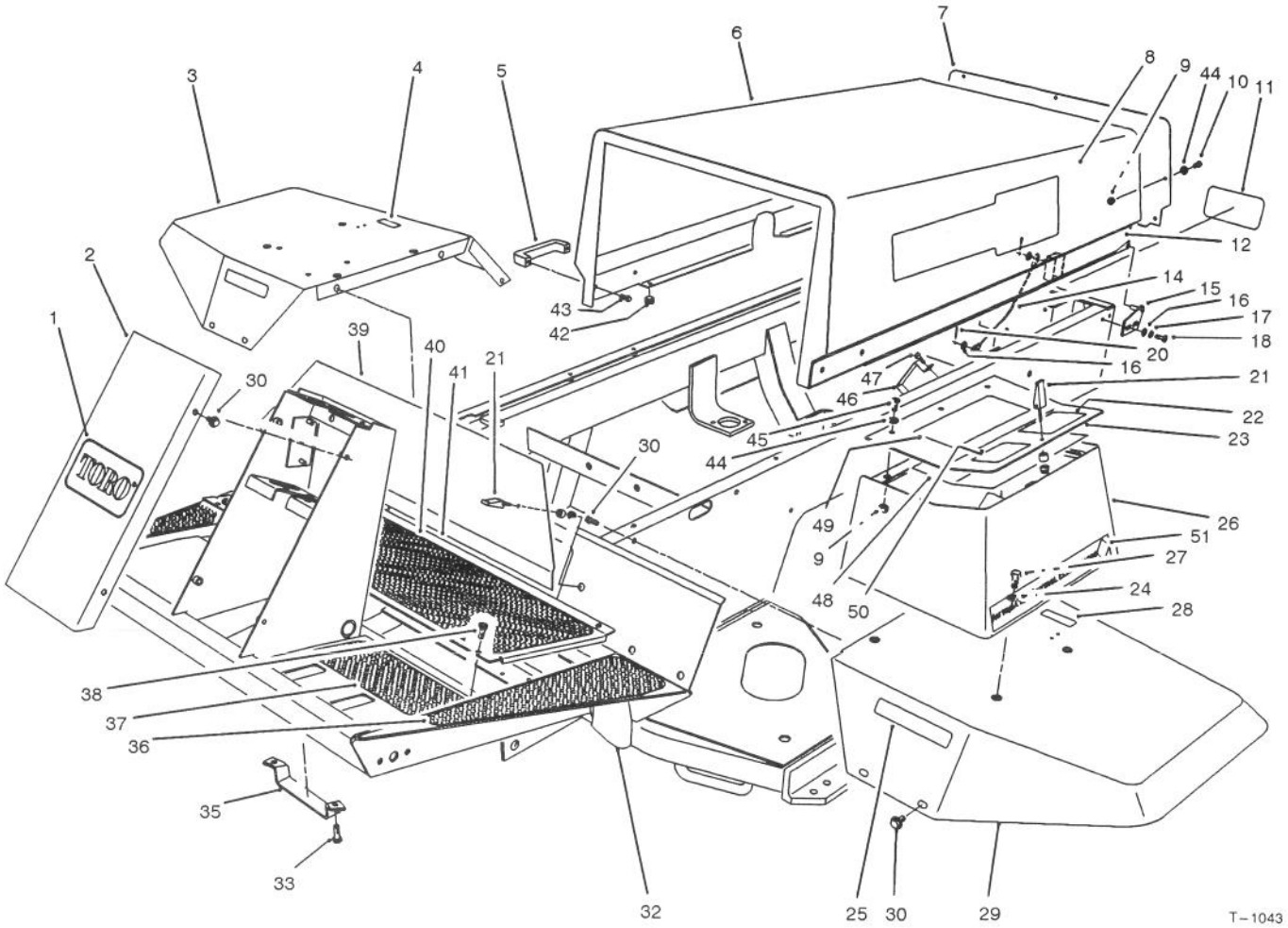
FRAME & BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	62–5550	Decal – TORO	1
2	75–1420	Cover – Steering Tower	1
3	75–3840	Fender – R.H.	1
‡4	85–4730	Decal – Hydraulic Oil (English)	1
5	65–5100	Handle	2
6	75–0890	Hood	1
7	75–2820	Grill – Hood	1
8	75–0660	Decal – Reelmaster® 223D	2
9	3296–42	Nut – Lock	10
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
*	63–6890	Hinge – Hood R.H.	1

Ref. No.	Part No.	Description	No. Used
16	3256–23	Washer – Flat	6
17	3253–4	Washer – Lock	14
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 (English)	1
23	75–6260	Cover – Tool Box	1
24	3256–3	Washer – Flat	4
‡25	75–5190	Decal – No Riders (English)	2
26	75–5810	Box – Tool	1
27	322–3	Screw – Cap Hex. Hd.	4
‡28	52–1320	Decal – Fuel (English)	1
29	75–3860	Fender – L.H.	1
30	3234–14	Screw – Hex. Washer Hd.	14
32	85–4600	Frame Assembly	1
33	322–4	Screw – Cap Hex. Hd.	2
35	75–2860	Bracket – Hose	1

‡For different language versions of this part, see International Decal Cross Reference.
*Not Illustrated

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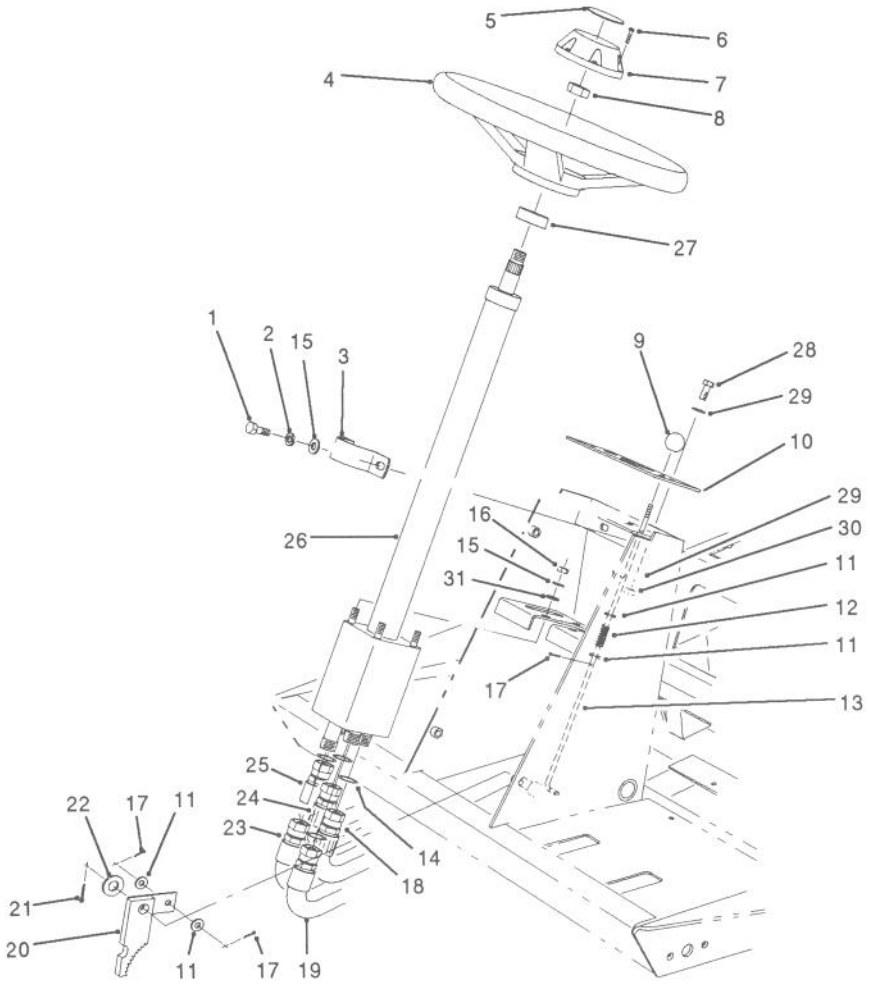
FRAME & BODY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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
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

Ref. No.	Part No.	Description	No. Used
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	75–0730	Decal – Instructions (English)	1
‡49	75–7540	Decal – Warning (English)	1
‡50	62–6280	Decal – ANSI (English) (For Reference Only)	1
51	88–0430	Decal – A.C.E.	2

*Not Illustrated

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



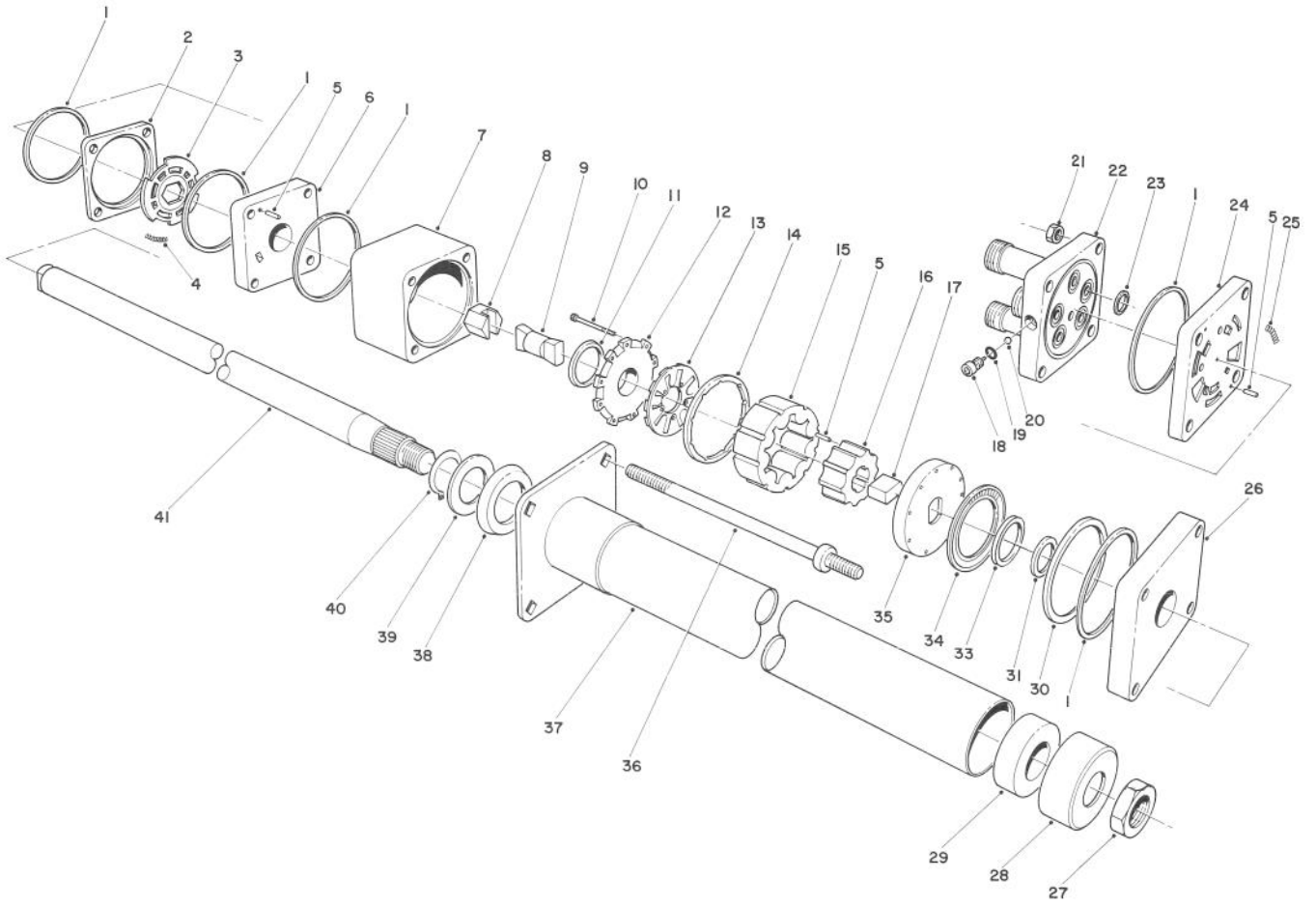
T-1044

STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-3	Screw - Cap Hex. Hd.	2
2	3253-4	Washer - Lock	2
3	75-2810	Clamp - Steering Valve	1
4	75-0560	Wheel - Steering	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	75-0580	Panel - Tower	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
17	3272-5	Pin - Cotter	3

Ref. No.	Part No.	Description	No. Used
18	75-6230	Hose - Hydraulic RT	1
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
24	75-6220	Hose - Hydraulic LT	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	3256-23	Washer - Lock E.T.L.W.	1
*	3290-378	Tie - Cable	3

*Not Illustrated



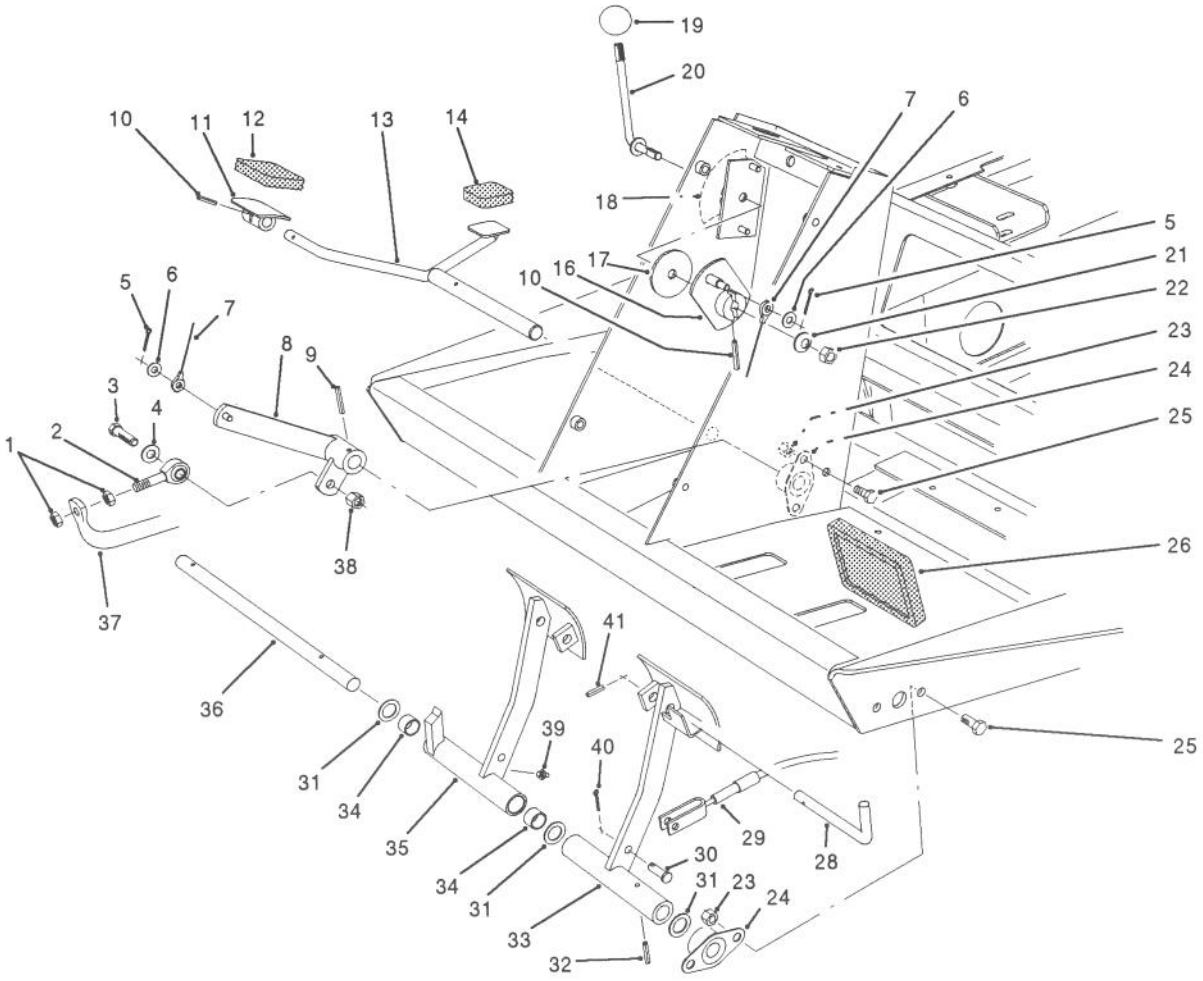
T-0417

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

Ref. No.	Part No.	Description	No. Used
26		Plate-Cover, Upper	1
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	66-9850	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	Valve-Power Steering (Incl. Ref. #1-26 & 30-36)	1

*Not Illustrated

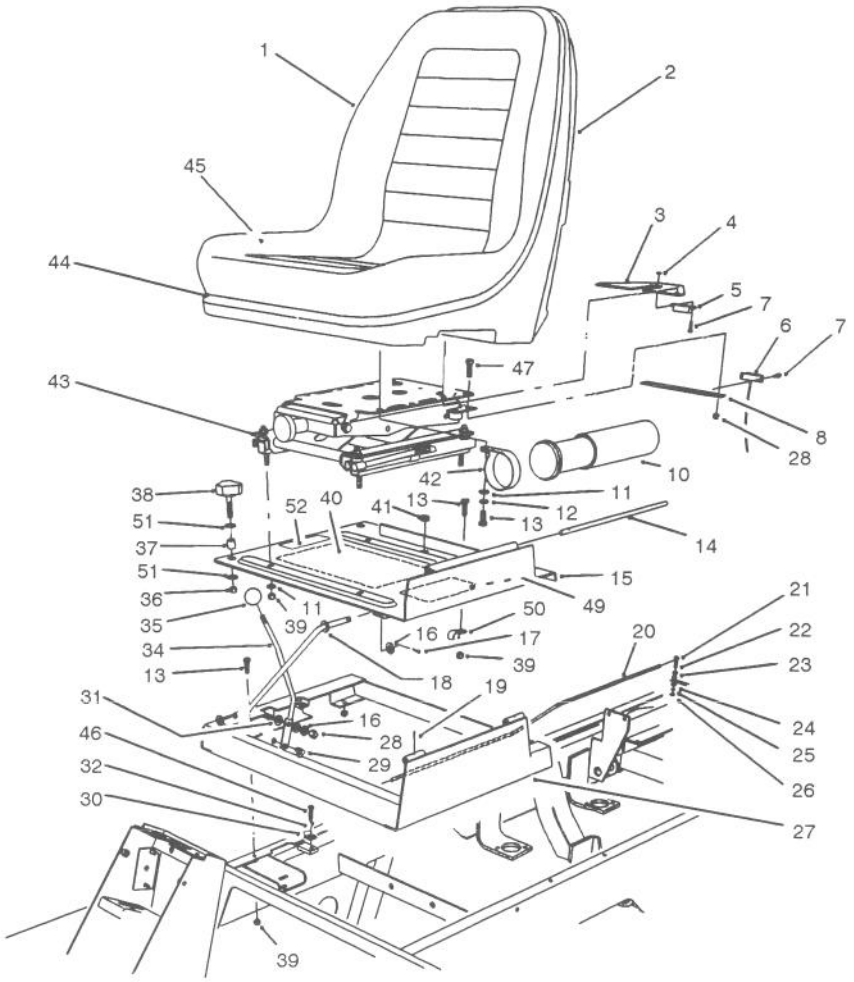


TRACTION & BRAKE PEDALS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3220-3	Nut - Jam	2
2	2411-36	Bearing - Rod End	1
3	323-8	Screw - Cap Hex. Hd.	1
4	3256-24	Washer - Flat	1
5	3272-2	Pin - Cotter	2
6	3256-22	Washer - Flat	2
7	75-6580	Cable - Pedal	1
8	75-3270	Lever - Traction Pivot	1
9	32121-6	Pin - Roll	1
10	32121-45	Pin - Roll	2
11	49-6440	Plate - Traction Pedal	1
12	74-9100	Pad - Forward	1
13	75-2970	Pedal - Traction	1
14	74-9110	Pad - Reverse	1
16	75-6510	Lever - Bracket	1
17	75-6550	Disc - Friction	1
‡18	75-6710	Decal - Fast/Slow (English)	1
19	233-42	Knob	1
20	75-6490	Lever - Pedal Stop	1
21	3290-461	Washer - Belleville	1

Ref. No.	Part No.	Description	No. Used
22	3296-59	Nut - Lock	1
23	3296-29	Nut - Lock	8
24	256-236	Bearing - Flange	4
25	322-3	Screw - Cap Hex. Hd.	8
26	7-3900	Pad - Brake	2
28	63-7880	Pin - Brake Latch	1
29	63-7733	Cable - Brake L.H.	1
*	63-7732	Cable - Brake R.H.	1
30	283-58	Pin - Clevis	4
31	3256-69	Washer - Thrust	3
32	32121-16	Pin - Roll	1
33	75-1440	Pedal - Brake L.H.	1
34	256-42	Bushing - Sleeve	2
35	75-1430	Brake Pedal Assembly R.H. (Incl. Ref. #34 & 39)	1
36	75-1470	Shaft - Brake Pedal	1
37	75-2170	Tube - Pump Control	1
38	3296-39	Nut - Lock	1
39	302-5	Fitting - Grease	1
40	3272-10	Pin - Cotter	4
41	32121-50	Pin - Roll	1

*Not Illustrated
‡For different language versions of this part, see International Decal Cross Reference.

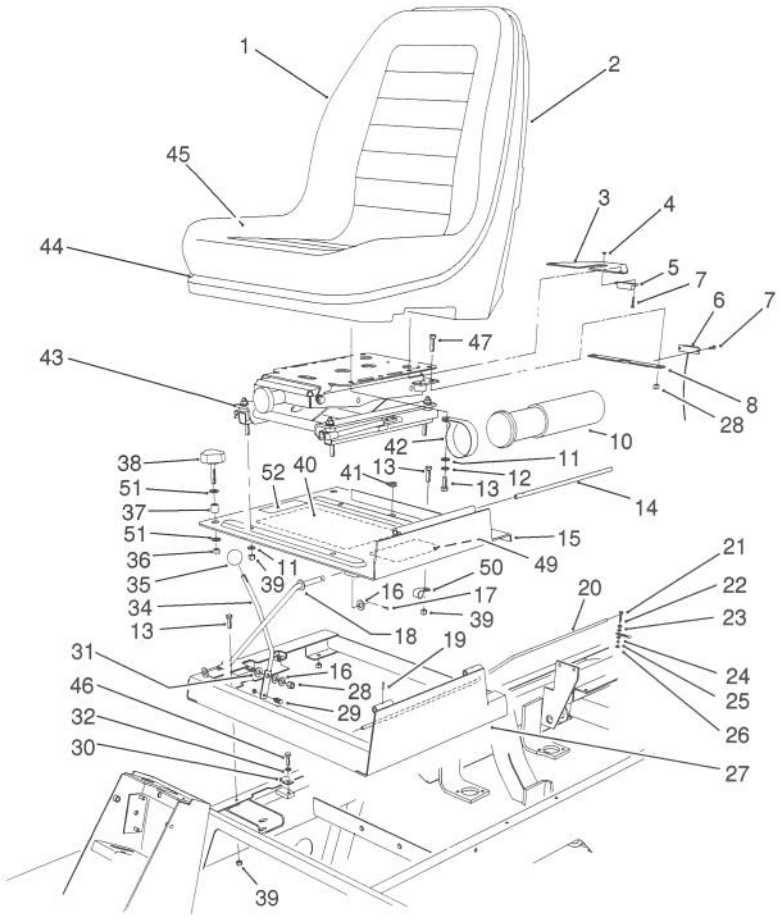


T–1046

SEAT & THROTTLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	66–5400	Seat Assembly (Incl. Ref. #2 & 44–45)	1
2	67–9560	Shell – Seat	1
3	75–4370	Bracket – Switch (Seat)	1
4	3296–54	Nut – Lock	4
5	75–6330	Magnet – Switch	1
6	75–6320	Sensor – Switch	1
7	3250–29	Screw – Cap Hex. Hd.	4
8	75–4360	Bracket – Switch	1
10	74–0720	Tube – Manual	1
11	3256–2	Washer – Flat	8
12	3253–4	Washer – Lock	4
13	322–3	Screw – Cap Hex. Hd.	9
14	75–3400	Shaft – Seat Pivot	1
15	75–3880	Plate – Seat	1
16	3256–24	Washer – Flat	3
17	3272–11	Pin – Cotter	2
18	75–3680	Rod – Seat	1
19	32121–38	Pin – Roll	1
20	75–1350	Cable – Throttle	1
21	67–5110	Screw – Special	2
22	67–5100	Sleeve – Connector	2
23	67–5120	Washer – Spring	2

Ref. No.	Part No.	Description	No. Used
24	67–5130	Washer – Flat	2
25	67–5140	Washer – I.T.L.W.	2
26	67–5150	Nut – Hex.	2
27	75–3300	Frame – Seat	1
28	3296–39	Nut – Lock	3
29	63–6760	Throttle Cable Swivel Assy. (Incl. Ref. #21–26)	2
30	3–6657	Clamp – Cable	1
31	66–2920	Spacer – Throttle	2
32	3253–3	Washer – Lock	1
34	75–3430	Rod – Throttle	1
35	233–42	Knob – Throttle	1
36	3296–59	Nut – Lock	2
37	75–5270	Spacer – Locking Knob	2
38	75–5260	Knob – Locking	2
39	3296–29	Nut – Lock	9
40	75–0760	Decal – Solenoid Info.	1
41	237–141	Grommet	1
42	2412–133	Clamp – R	2
43		Seat Suspension Assembly	1
44		Edging – Seat	1
45	67–9550	Kit – Seat Cushion	1
46	321–4	Screw – Cap Hex. Hd.	1

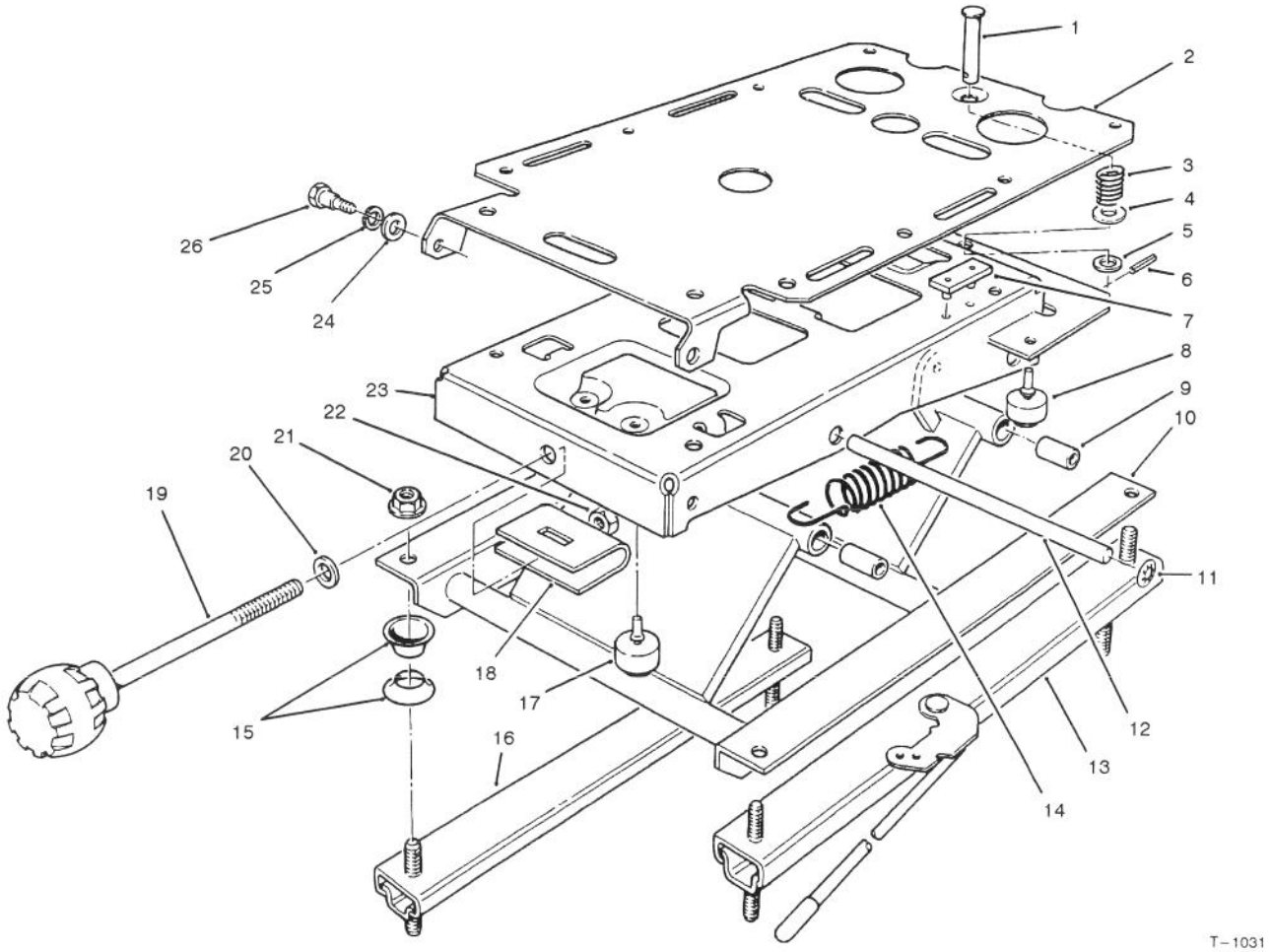


T-1046

SEAT & THROTTLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	323-4	Screw - Cap Hex. Hd.	2
‡49	75-6830	Decal - Danger (English)	1
50	2412-93	Clamp - R	1
51	52-2860	Washer - Flat	4
‡52	83-7440	Decal - Knob (English)	1

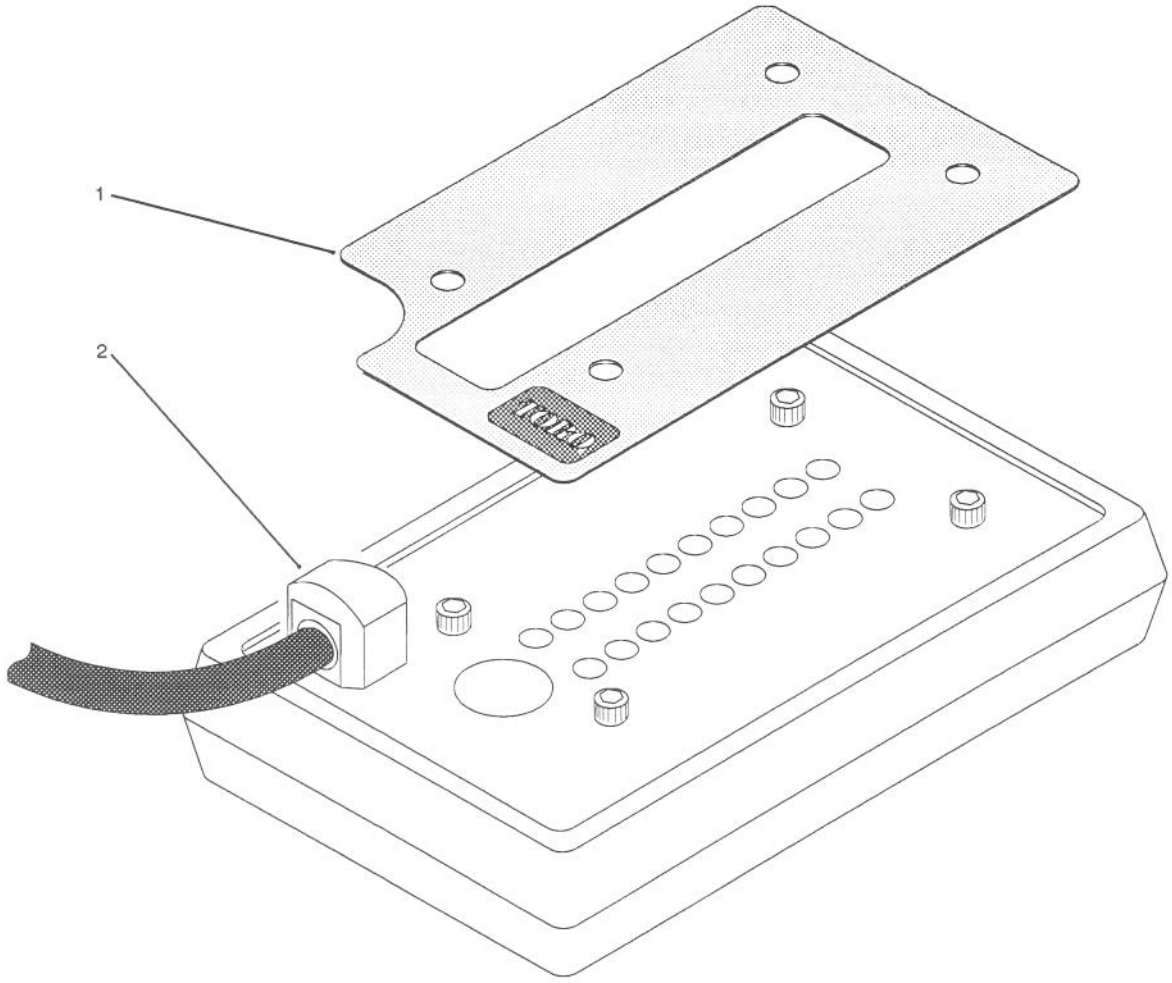
‡For different language versions of this part, see International Decal Cross Reference.



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

Ref. No.	Part No.	Description	No. Used
14	76–1940	Spring–Extension	2
15	66–9290	Spacer	6
16	66–8530	Adjuster	1
17	66–8520	Bumper–Downstop	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

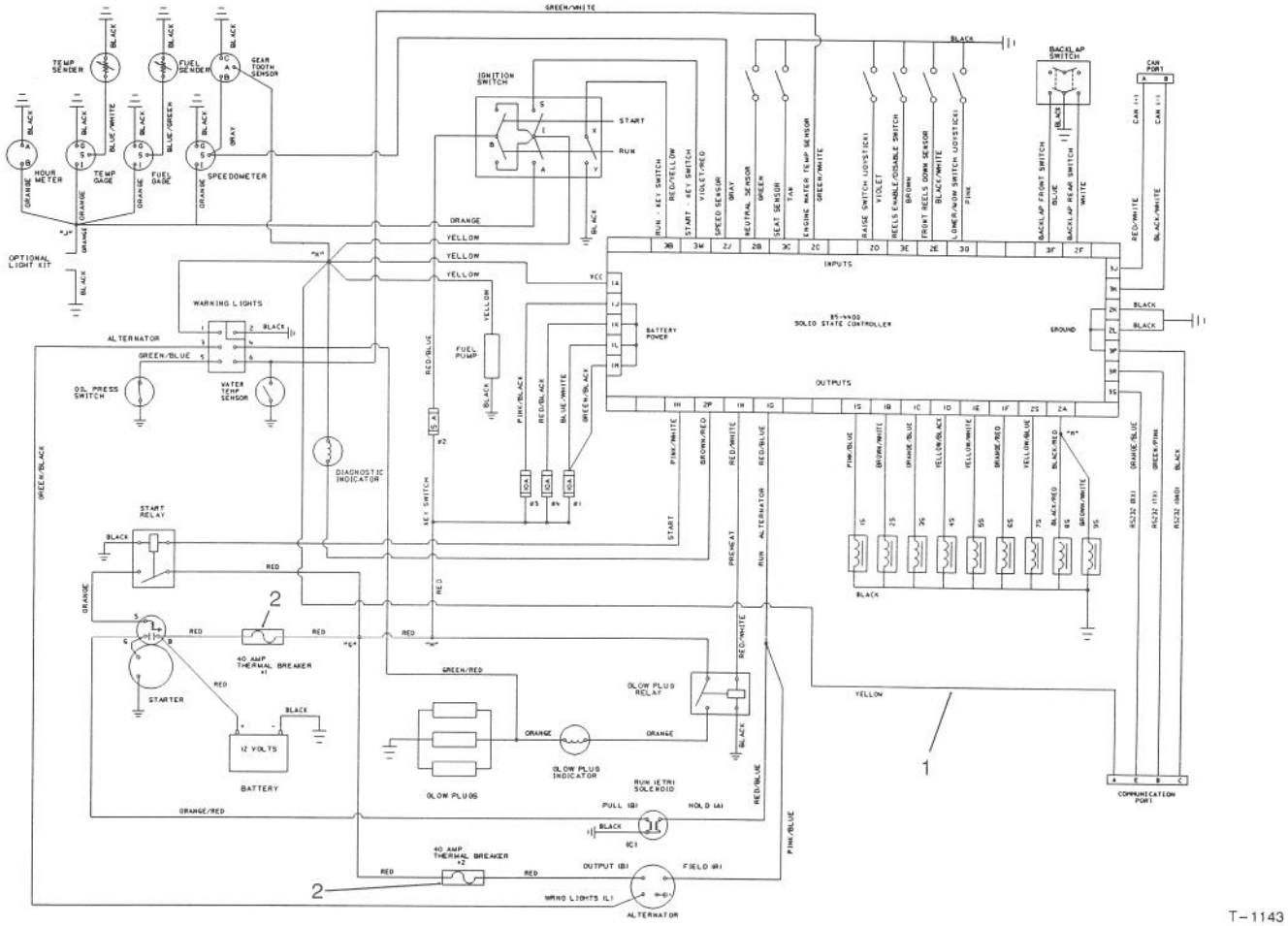


T–1458

DIAGNOSTIC–ACE DISPLAY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	85–4820	Decal – Diagnostic–ACE RM 223D V 2.0	1

Ref. No.	Part No.	Description	No. Used
2	85–4750	Box – Diagnostic–ACE	1

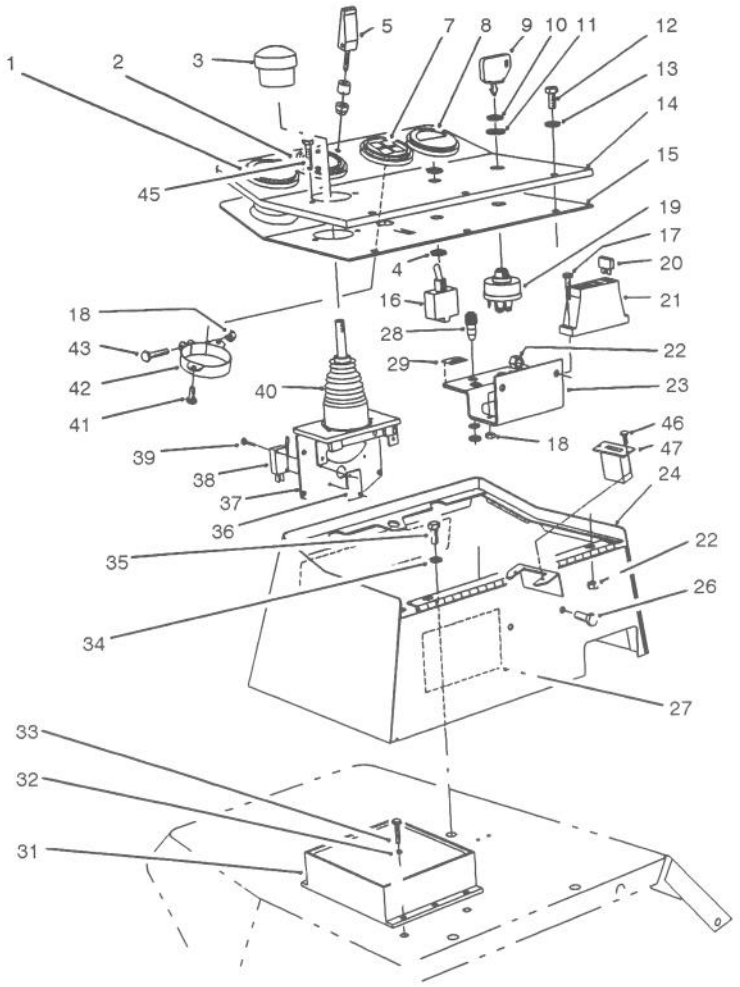


T–1143

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	85–4360	Harness – Wire Main	1

Ref. No.	Part No.	Description	No. Used
2	70–8570	Breaker – Circuit	2



T–1047

CONTROL CONSOLE ASSEMBLY

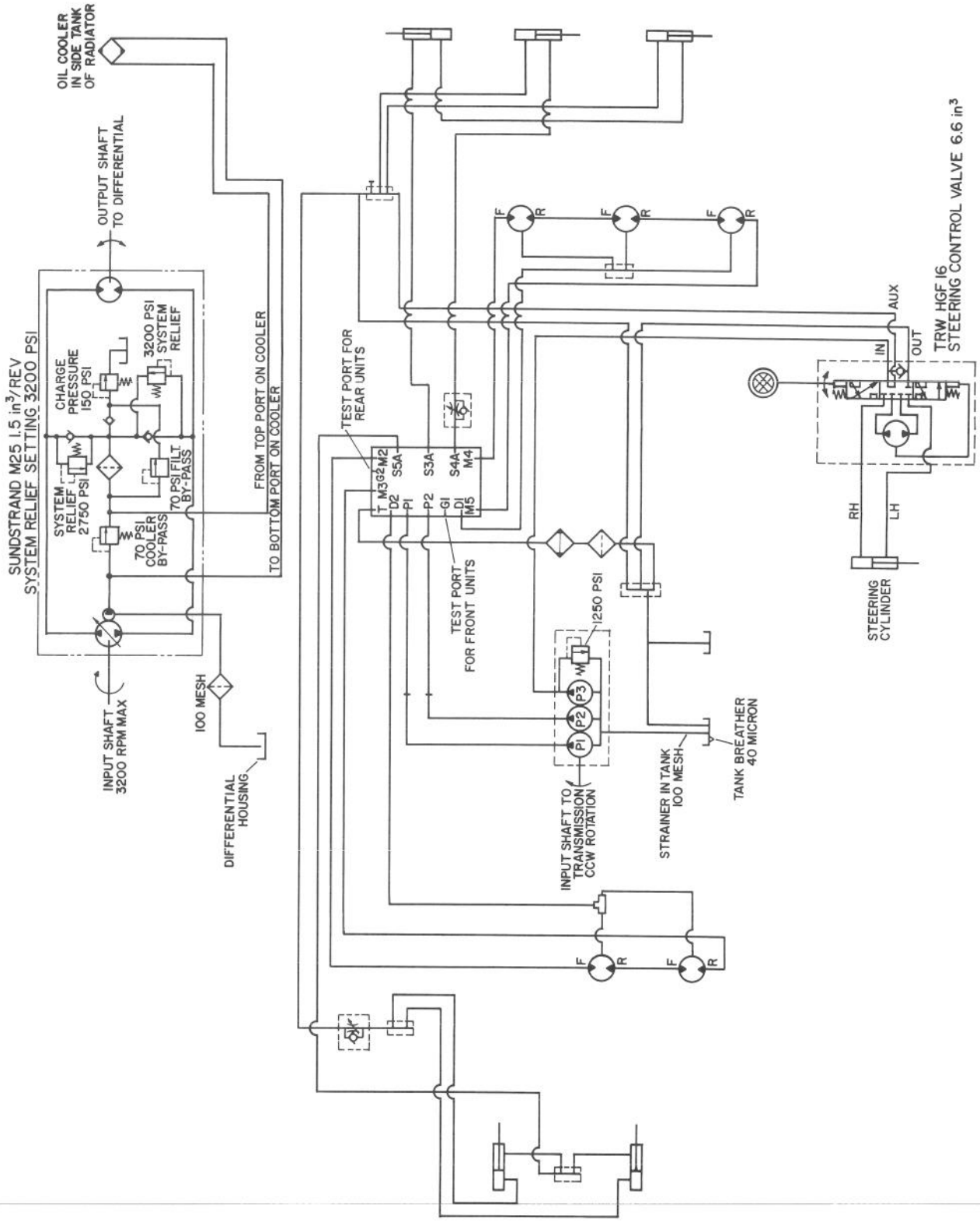
Ref. No.	Part No.	Description	No. Used
1	66–2940	Gauge – Fuel	1
2	85–4420	Gauge – Speedometer	1
3	3290–489	Knob – Lift Control	1
4	218–498	Nut – Hex.	2
5	249–48	Swell Latch Assembly	1
7	66–2960	Cluster – Warning	1
*	75–4710	Harness – Warning Light	1
*	219–17	Bulb – Light	4
8	63–7430	Gauge – Temperature	1
9	63–8360	Key – Ignition	1
10	218–446	Nut – Locking	1
11	218–447	Washer – E.T.L.W.	1
12	3258–166	Screw – Phillip Hd.	5
13	3256–1	Washer – Flat	5
14	75–0590	Panel – Control	1
15	75–6270	Cover – Control Box	1
16	75–1010	Toggle Switch Assembly (Incl. Ref. #4)	1
17	32105–13	Screw – Cap Hex. Hd.	2
18	3296–2	Nut – Lock	3
19	27–2360	Ignition Switch Assembly (Incl. Ref. #9–11)	1
20	218–573	Fuse – 5A	10
*	218–578	Fuse – 10A	1
*	218–594	Fuse – 20A	1
21	67–7160	Block – Fuse	1
22	3296–42	Nut – Lock	7
23	85–4450	Bracket – Fuse Block	1

Ref. No.	Part No.	Description	No. Used
24	75–5740	Box – Control	1
26	321–39	Screw – Cap Hex. Hd.	2
‡27	85–4720	Decal – Instruction (English)	1
28	219–19	Bulb – Light	3
29	85–4830	Decal – Diagnostic Light	1
31	85–4400	Controller – Electronic	1
32	3253–3	Washer – Lock	3
33	321–4	Screw – Cap Hex. Hd.	3
34	3256–3	Washer – Flat	4
35	322–3	Screw – Cap Hex. Hd.	4
36	3290–354	Plate – Nut	2
37	75–3420	Lift Control Assembly (Incl. Ref. #3 & 37–40)	1
38	218–590	Switch – Micro	2
39	3290–93	Screw – Cap Hex. Hd.	4
40	3290–488	Boot – Lift Control	1
41	32144–1	Screw – Cap Hex. Hd.	2
42	69–4780	Clamp – Hour Meter	1
43	32105–1	Screw – Cap Hex. Hd.	1
45	3273–26	Screw – Hex. Socket Hd.	2
46	32144–18	Screw – Cap Hex. Hd.	2
47	75–6820	Meter – Hour	1
*	75–4710	Harness – Wire (Warning Lights)	1
*	86–7560	Connector – Cover (3 Way)	3
*	86–7550	Connector – Cover (2 Way)	2

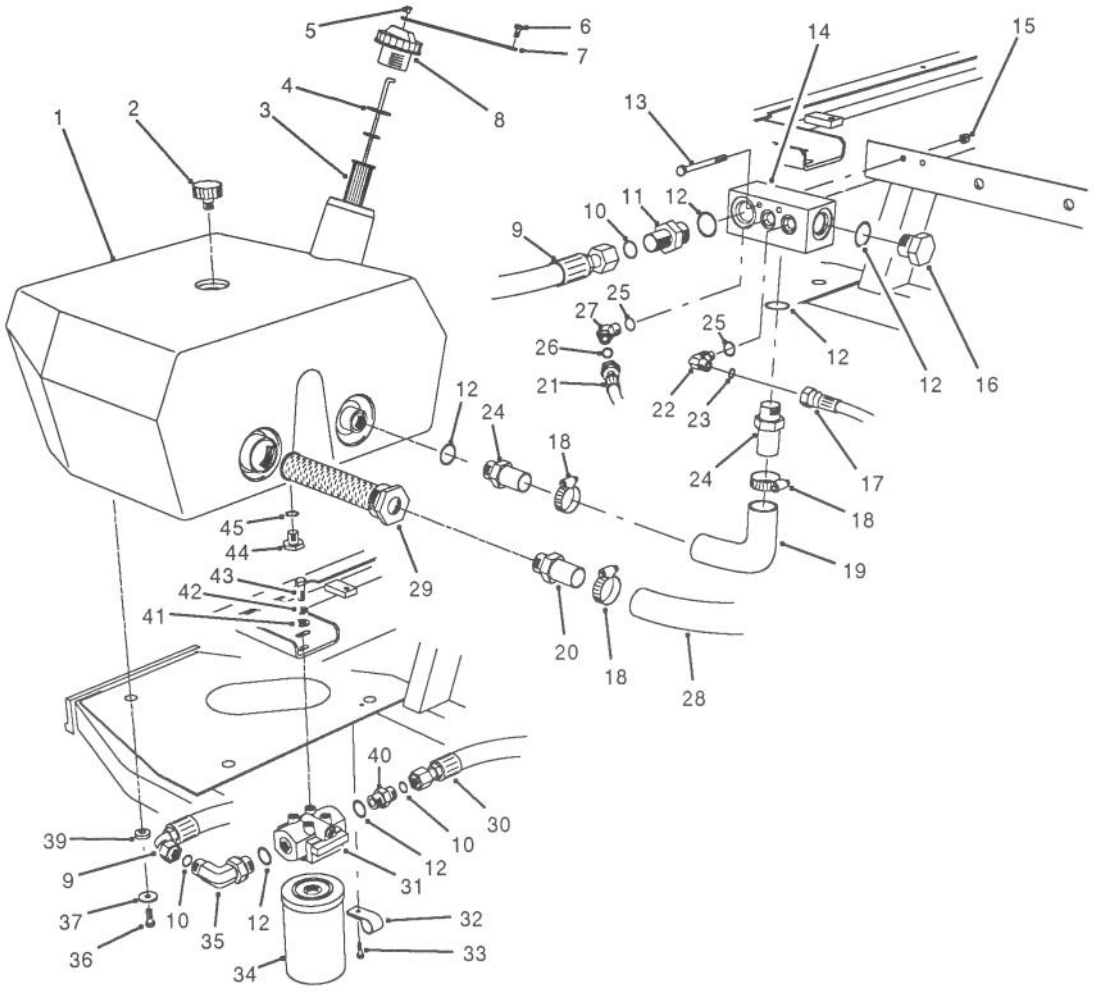
*Not Illustrated

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

HYDRAULIC SCHEMATIC



T-1144

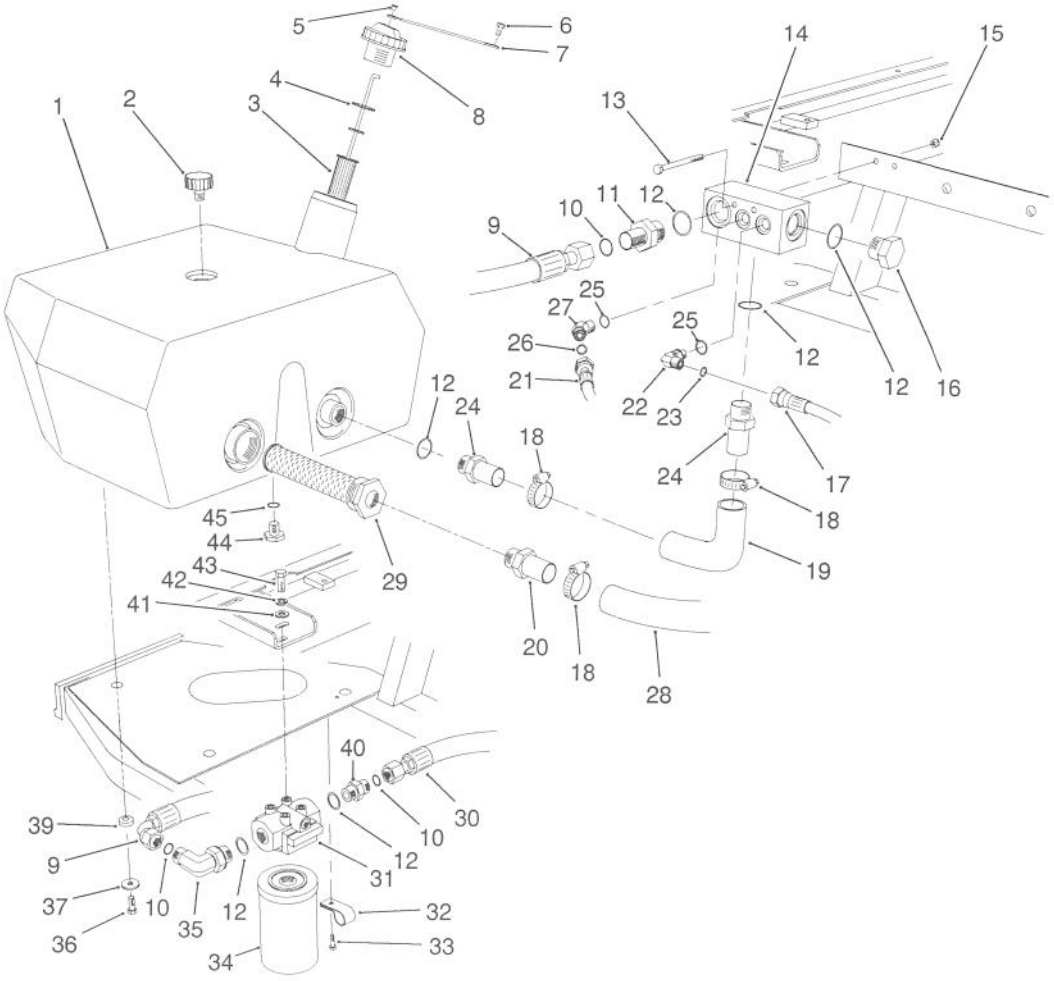


T-1048

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-1170	Reservoir - Hydraulic	1
2	68-6150	Breather - Hydraulic Tank	1
3	61-2790	Screen - Filler	1
4	75-3710	Dipstick	1
5	2410-73	Retainer - Tether	1
6	321-2	Screw - Cap Hex. Hd.	1
7	75-0540	Tether - Cap	1
8	70-8640	Cap - Hydraulic Reservoir	1
9	75-6130	Hose - Hydraulic	1
10	237-65	Seal - O-Ring	5
11	340-8	Fitting - Hydraulic Straight (Incl. Ref. #10 & 12)	1
12	237-81	Seal - O-Ring	4
13	321-23	Screw - Cap Hex. Hd.	2
14	75-5480	Manifold - Tank	1
15	3296-42	Nut - Lock	2
16	354-74	Fitting 0 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

Ref. No.	Part No.	Description	No. Used
21	75-6200	Hose - Hydraulic	1
22	340-77	Fitting - Hydraulic 90° (Incl. Ref. #23 & 25)	1
23	237-22	Seal - O-Ring	3
24	354-73	Fitting - Hydraulic Straight (Incl. Ref. #12)	2
25	237-42	Seal - O-Ring	2
26	237-21	Seal - O-Ring	1
27	340-137	Fitting - Hydraulic 45° (Incl. Ref. #25 & 26)	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	323-5	Screw - Cap Hex. Hd.	3
37	63-8410	Washer - Flat	3
39	240-11	Grommet	3

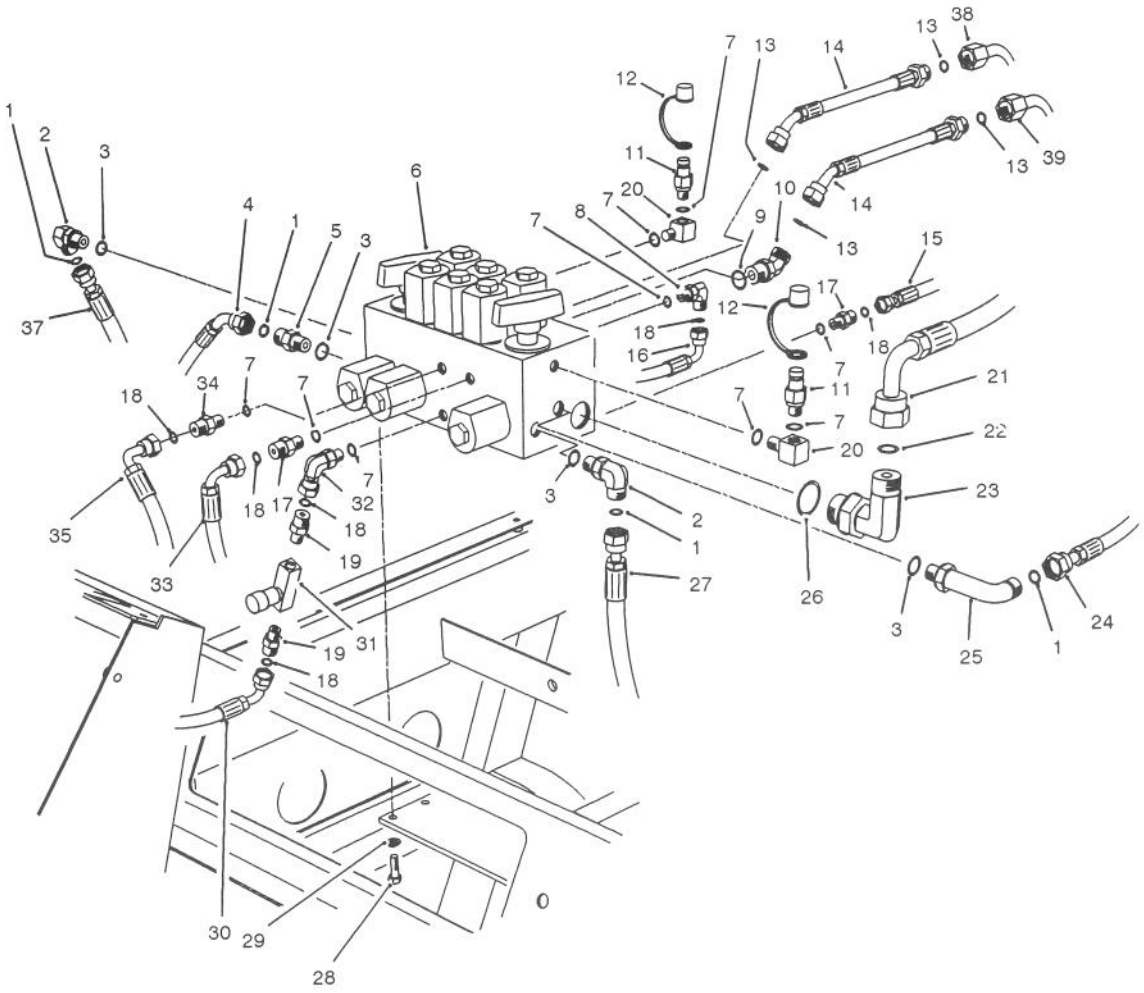


T-1048

HYDRAULIC RESERVOIR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
40	340-8	Fitting - Hydraulic Straight (Incl. Ref. #10 & 12)	1
41	3256-24	Washer - Flat	2
42	3253-21	Washer - Lock	2

Ref. No.	Part No.	Description	No. Used
43	323-4	Screw - Cap Hex. Hd.	2
44	353-550	Fitting - Plug (Incl. Ref. #45)	1
45	237-79	Seal - O-Ring	1

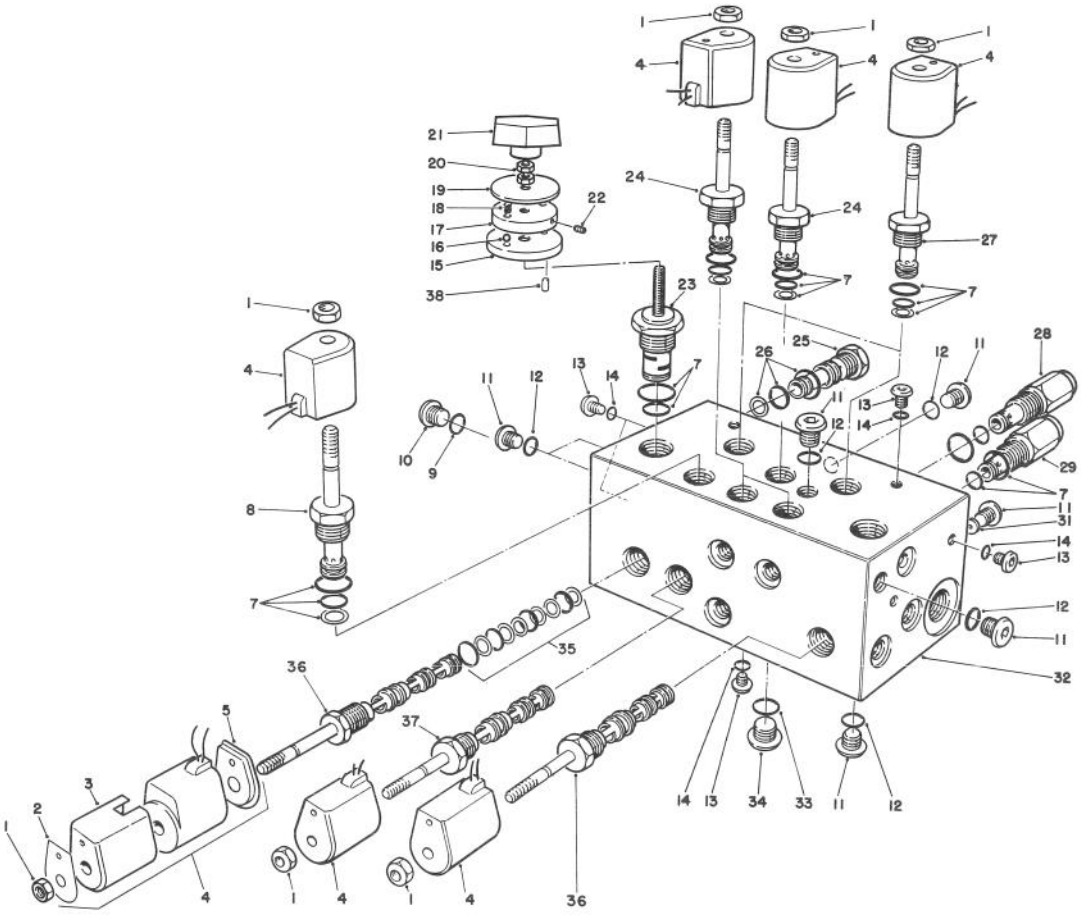


T-1094

HYDRAULIC CONTROL MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237-22	Seal - O-Ring	4
2	340-77	Fitting - Hydraulic 90° (Incl. Ref. #1 & 3)	2
3	237-42	Seal - O-Ring	4
4	75-6000	Hose - Hydraulic	1
5	340-2	Fitting - Hydraulic Straight (Incl. Ref. #1 & 3)	1
6	75-2150	Control Manifold Assembly	1
7	237-78	Seal - O-Ring	8
8	340-132	Fitting - Hydraulic 90° (Incl. Ref. #7 & 18)	1
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
15	75-6120	Hose - Hydraulic	1
16	75-5950	Hose - Hydraulic	1
17	340-92	Fitting - Hydraulic Straight (Incl. Ref. #7 & 18)	2
18	237-21	Seal - O-Ring	6
19	340-13	Fitting - Hydraulic Straight (Incl. Ref. #18)	2

Ref. No.	Part No.	Description	No. Used
20	75-6640	Fitting - Hydraulic 90° (Incl. Ref. #7)	2
21	75-6160	Hose - Hydraulic	1
22	237-65	Seal - O-Ring	1
23	340-139	Fitting - Hydraulic 90° (Incl. Ref. #22 & 26)	1
24	75-6050	Hose - Hydraulic	1
25	69-4320	Fitting - Hydraulic 90° (Incl. Ref. #1 & 3)	1
26	237-81	Seal - O-Ring	1
27	75-6040	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	75-6060	Hose - Hydraulic	1
34	340-92	Fitting - Hydraulic Straight (Incl. Ref. #7 & 18)	1
35	75-5890	Hose - Hydraulic	1
37	75-5990	Hose - Hydraulic	1
38	75-5240	Tube - Hydraulic	1
39	75-5250	Tube - Hydraulic	1



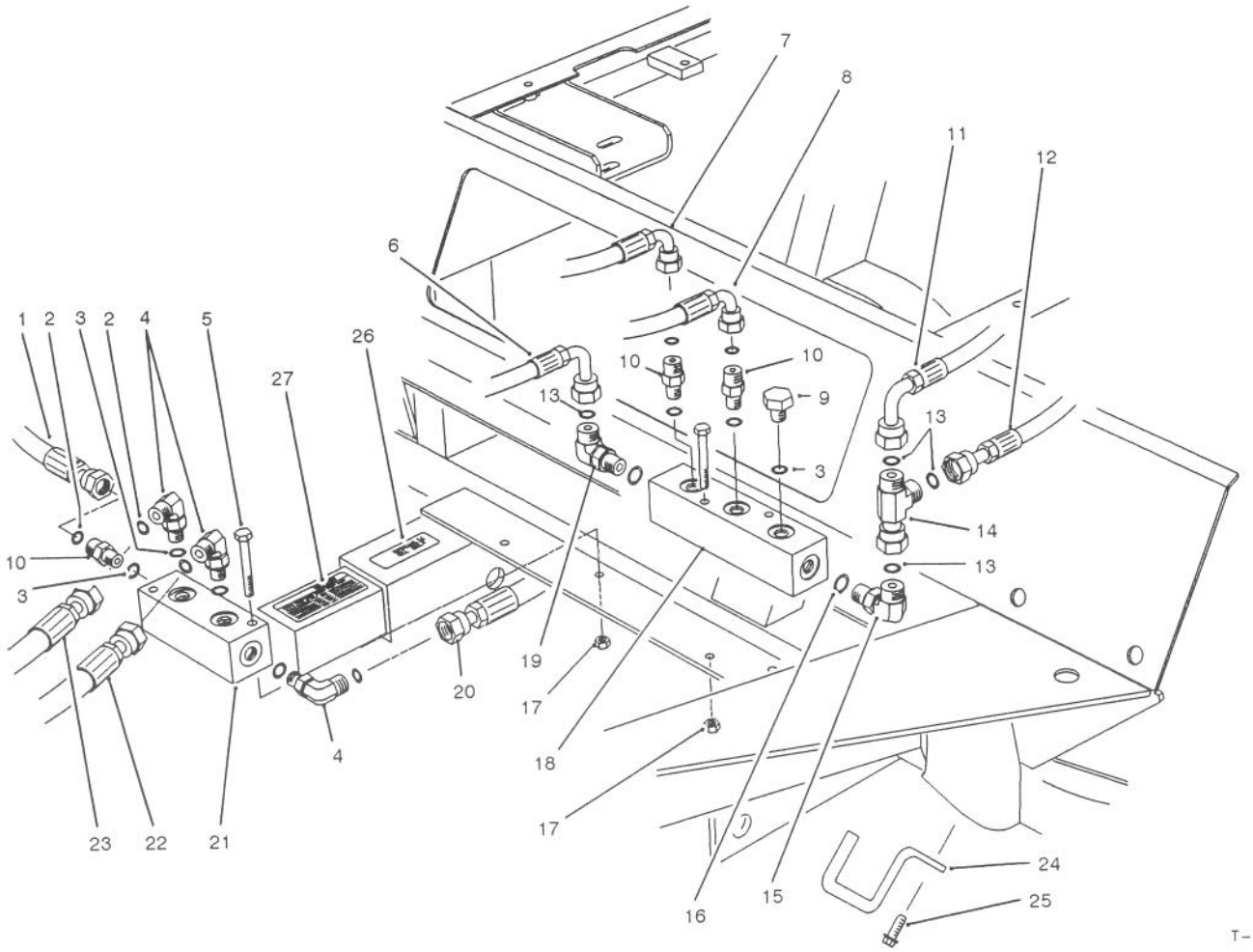
T-1035

CONTROL MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69-4300	Nut	9
†2		Plate – Name	9
†3		Cover – Coil	9
4	69-4290	Solenoid Coil Assembly (Incl. Ref. #1-5)	9
†5		Plate – Coil	9
7	75-2080	Seal Kit	10
8	75-2040	Solenoid Assembly N.C. (Incl. Ref. #7)	1
9	237-80	O-Ring	1
10	354-70	Plug	1
11	353-990	Plug	10
12	237-78	O-Ring	8
13	353-991	Plug	8
14	237-156	O-Ring	8
†15		Plate – Locating	2
†16		Ball – Detent	4
†17		Plate – Detent	2
†18		Spring – Detent	4
†19		Plate – Indicator	2
†20		Nut – Jam	4
†21		Knob Assembly	2
†22		Screw – Set	2
23	75-2060	Rotary Cartridge Assembly (Incl. Ref. #7 & 23)	2

Ref. No.	Part No.	Description	No. Used
24	75-2050	Solenoid Assembly N.C. (Incl. Ref. #7)	3
25	69-4120	Cartridge Assembly N.C. (Incl. Ref. #26)	2
26	69-4240	Seal Kit	2
27	75-2030	Solenoid Assembly N.O. (Incl. Ref. #7)	2
28	75-0920	Relief Cartridge Assembly 3000 psi (Incl. Ref. 30)	1
29	75-2010	Relief Cartridge Assembly 2000 psi (Incl. Ref. 30)	1
31	75-2070	Plug – Orifice	2
†32		Body – Manifold	1
33	237-42	O-Ring	1
34	353-989	Plug	1
35	75-2090	Seal Kit	3
36	75-2020	Solenoid Assembly (Incl. Ref. #35)	2
37	75-6910	Solenoid Assembly (Incl. Ref. #35)	1
38	84-5280	Pin – Spring	2
*	82-8520	Detent Assembly Kit (Incl. Ref. #15-22 & 38)	1

*Not Illustrated
†Not Serviceable Separately



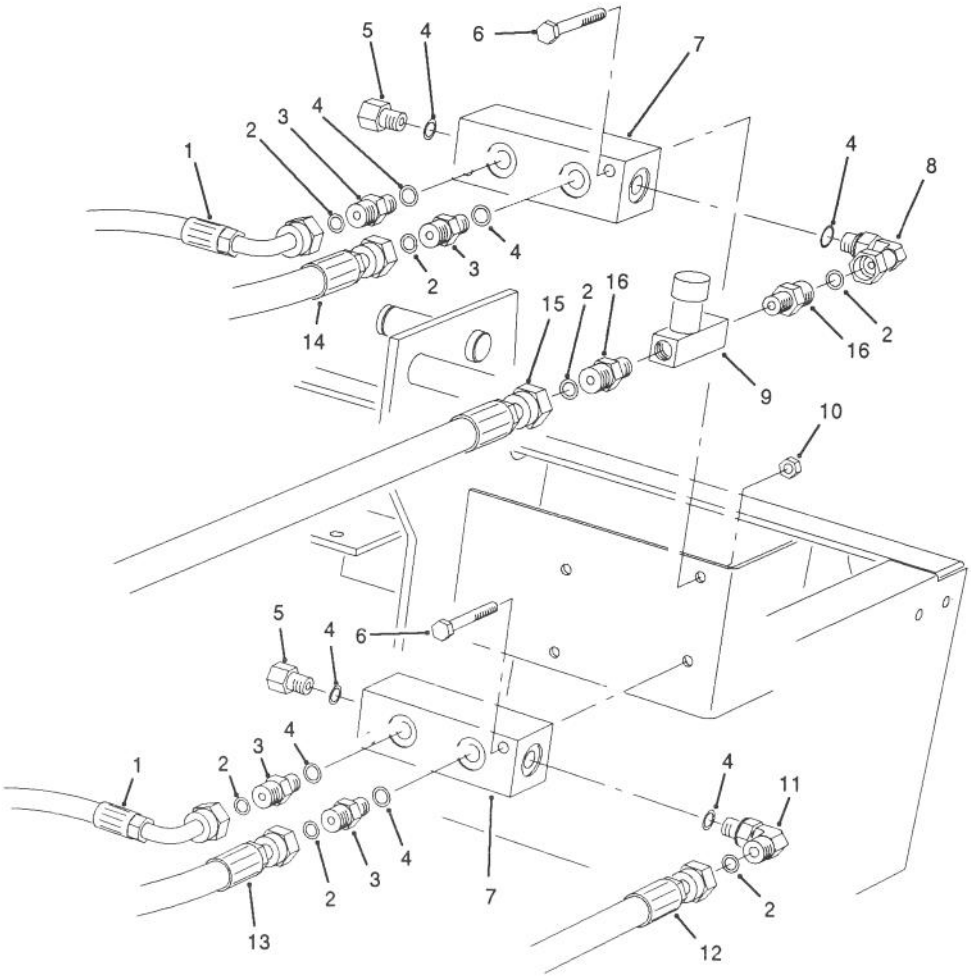
T–1058

FRONT HYDRAULIC MANIFOLDS

Ref. No.	Part No.	Description	No. Used
1	75–5980	Hose – Hydraulic	1
2	237–21	Seal – O–Ring	6
3	237–78	Seal – O–Ring	7
4	340–132	Fitting – Hydraulic 90° (Incl. Ref. #2 & 3)	3
5	321–11	Screw – Cap Hex. Hd.	4
6	75–5940	Hose – Hydraulic	1
7	75–5890	Hose – Hydraulic	1
8	75–5910	Hose – Hydraulic	1
9	355–12	Plug – Hydraulic (Incl. Ref. #3)	1
10	340–92	Fitting – Hydraulic Straight (Incl. Ref. #2 & 3)	3
11	75–6020	Hose – Hydraulic	1
12	75–6200	Hose – Hydraulic	1
13	237–22	Seal – O–Ring	4

Ref. No.	Part No.	Description	No. Used
14	340–151	Fitting – Hydraulic Tee (Incl. Ref. #13)	1
15	340–82	Fitting – Hydraulic 90° (Incl. Ref. #13 & 16)	1
16	237–42	Seal – O–Ring	2
17	3296–42	Nut – Lock	4
18	75–1190	Manifold – Hydraulic	1
19	340–77	Fitting – Hydraulic 90° (Incl. Ref. #13 & 16)	1
20	75–5950	Hose – Hydraulic	1
21	75–1180	Manifold – Hydraulic	1
22	75–5960	Hose – Hydraulic	1
23	75–5970	Hose – Hydraulic	1
24	75–5300	Rod – Hose Support	2
25	49–2040	Screw – Hex. Washer Hd.	4
26	85–4730	Decal – Oil	1
27	88–0440	Decal – Floor Plate	1

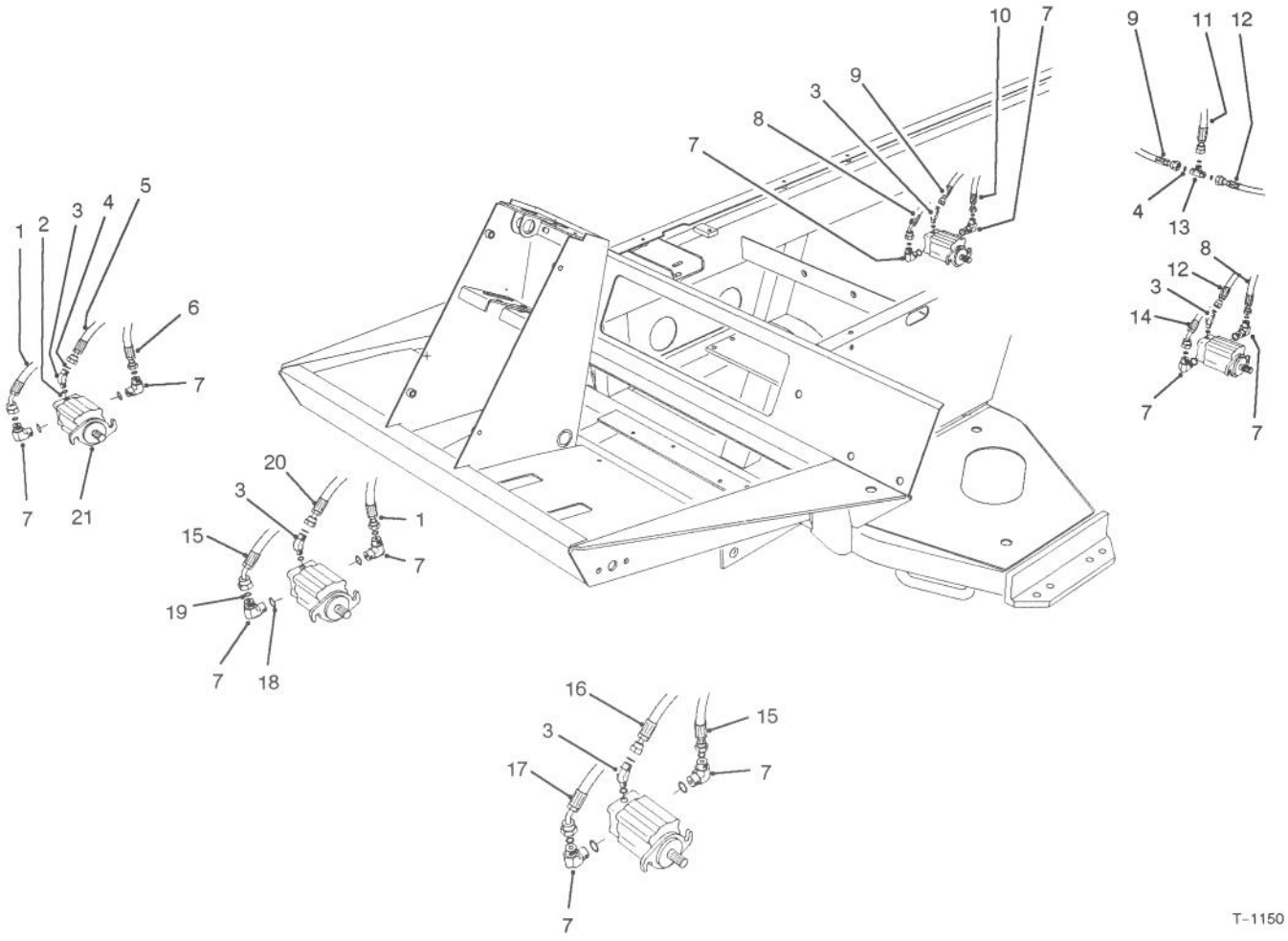
*Not Illustrated



REAR HYDRAULIC MANIFOLDS

Ref. No.	Part No.	Description	No. Used
1	75-6180	Hose - Hydraulic	2
2	237-21	Seal - O-Ring	7
3	340-92	Fitting - Hydraulic Straight (Incl. Ref. #2 & 4)	4
4	237-78	Seal - O-Ring	8
5	353-512	Fitting - Hydraulic Plug (Incl. Ref. #4)	2
6	321-11	Screw - Cap Hex. Hd.	4
7	75-1180	Manifold	2
8	340-143	Fitting - Hydraulic 90° (Incl. Ref. #4)	1

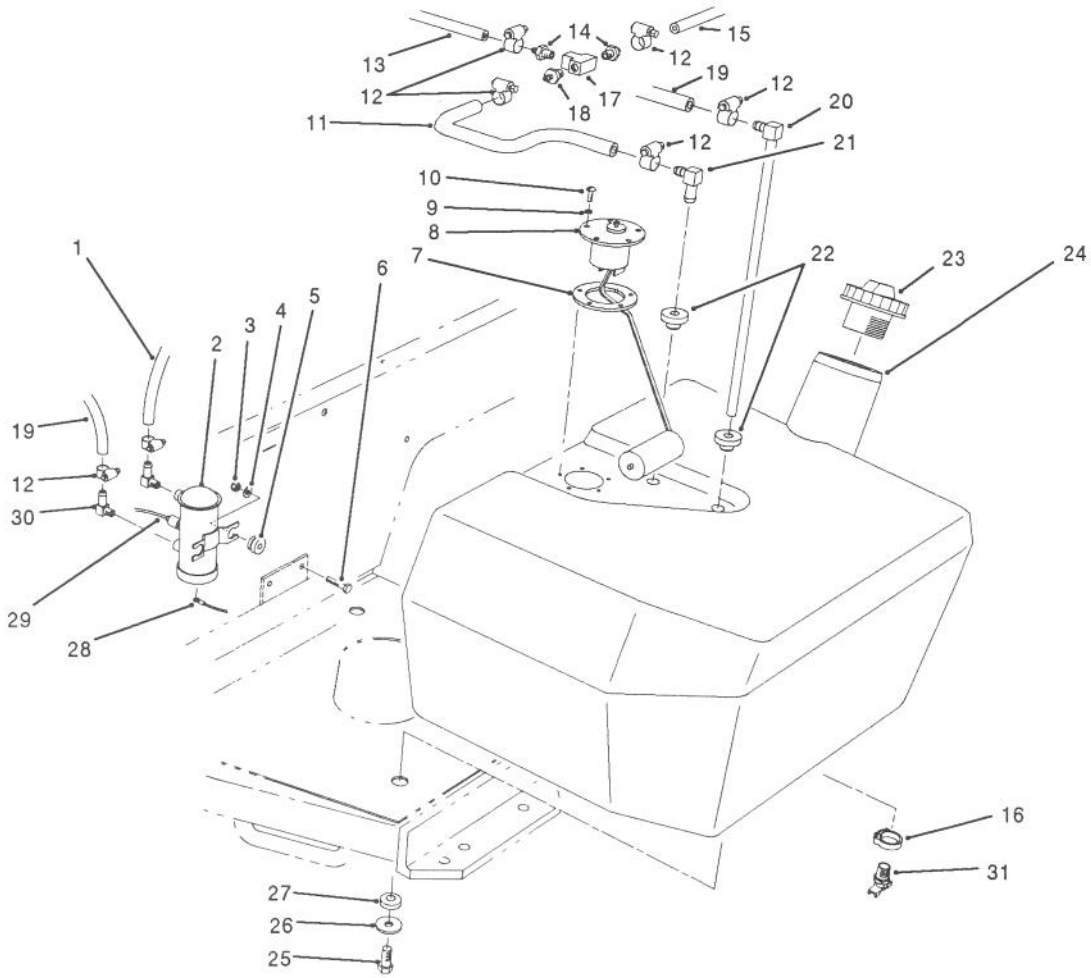
Ref. No.	Part No.	Description	No. Used
9	82-8270	Valve - Flow Control	1
10	3296-42	Nut - Lock	4
11	340-132	Fitting - Hydraulic 90° (Incl. Ref. #2 & 4)	1
12	75-6060	Hose - Hydraulic	1
13	75-6080	Hose - Hydraulic	1
14	75-6070	Hose - Hydraulic	1
15	75-6020	Hose - Hydraulic	1
16	340-13	Fitting - Hydraulic Straight (Incl. Ref. #2)	2



CUTTING UNIT HYDRAULIC COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	75-6030	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	75-5980	Hose - Hydraulic	1
6	75-6000	Hose - Hydraulic	1
7	340-18	Fitting - Hydraulic 90° (Incl. Ref. #18 & 19)	10
8	75-6190	Hose - Hydraulic	1
9	75-6110	Hose - Hydraulic	1
10	75-6040	Hose - Hydraulic	1

Ref. No.	Part No.	Description	No. Used
11	75-6120	Hose - Hydraulic	1
12	75-6100	Hose - Hydraulic	1
13	340-21	Fitting - Hydraulic Tee (Incl. Ref. #4)	1
14	75-6050	Hose - Hydraulic	1
15	75-6010	Hose - Hydraulic	1
16	75-5960	Hose - Hydraulic	1
17	75-5990	Hose - Hydraulic	1
18	237-79	Seal - O-Ring	10
19	237-22	Seal - O-Ring	10
20	75-5970	Hose - Hydraulic	1
21	75-1400	Motor - Hydraulic	5



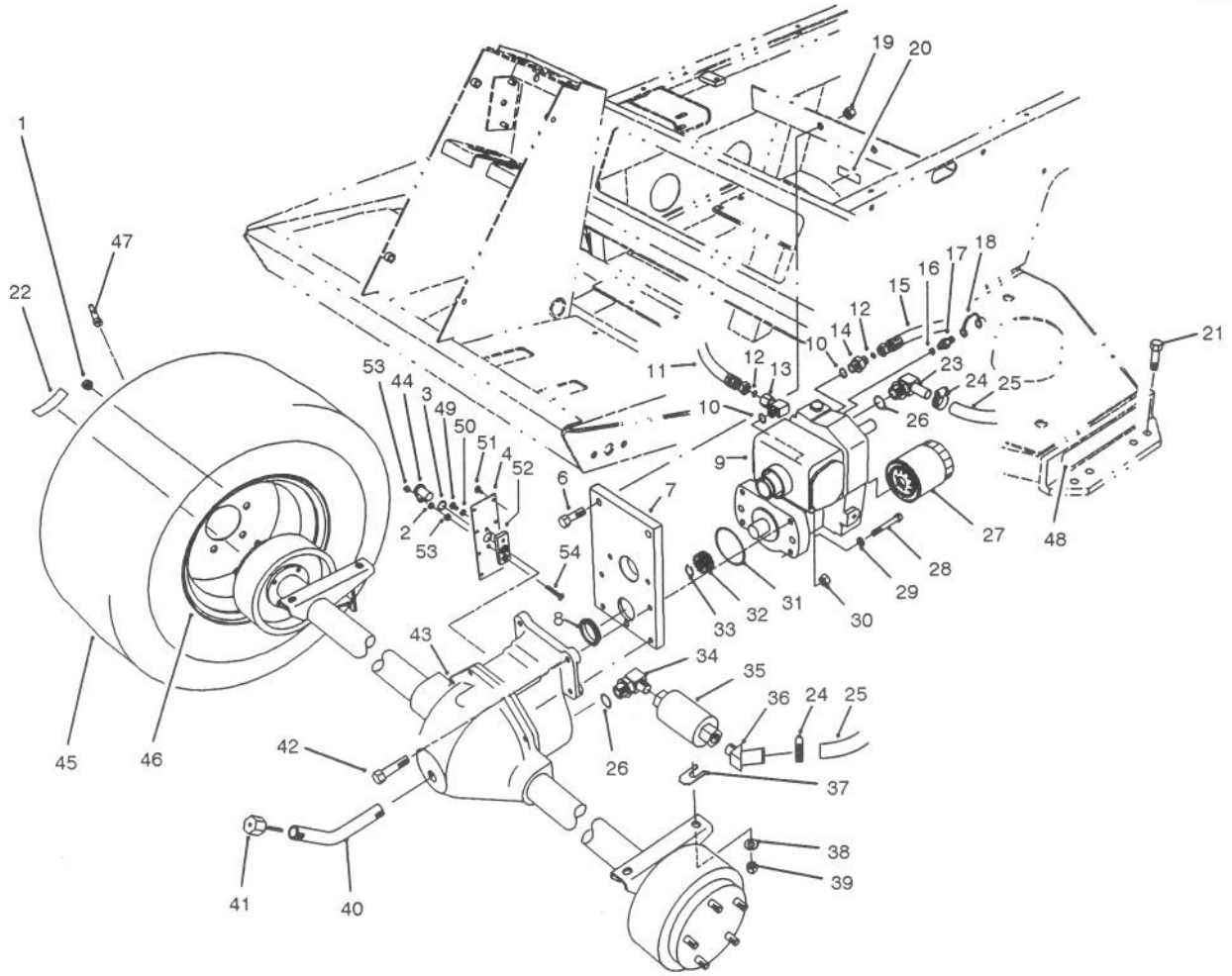
T-1049

FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63-7610	Hose - Fuel	1
2	70-8460	Fuel Pump Assembly (Incl. Ref. #5 & 28-29)	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	7
13	75-4700	Hose - Fuel	1
14	354-22	Fitting - Fuel Straight	2
15	75-4701	Hose - Fuel	1
16	2412-36	Clamp - Drain	1

Ref. No.	Part No.	Description	No. Used
17	354-20	Fitting - Fuel Tee	1
18	354-21	Fitting - Fuel Straight	1
19	44-2670	Hose - Fuel	1
20	66-8121	Standpipe - Elbow 90°	1
21	46-6550	Connector - Fuel Elbow 90°	1
22	46-6560	Grommet	2
23	70-8620	Cap - Fuel Tank (Green)	1
*	70-8621	Cap - Fuel Tank (Black)	1
24	75-1080	Tank - Fuel	1
25	323-5	Screw - Cap Hex. Hd.	3
26	63-8410	Washer - Flat	3
27	240-11	Grommet	3
28	70-8530	Wire - Fuel Pump	1
29	218-579	Wire - Fuel Pump	1
30	67-1690	Fitting - Fuel Elbow 90°	2
31	304-46	Fitting - Drain	1

*Not Illustrated
†Not Serviced Separately

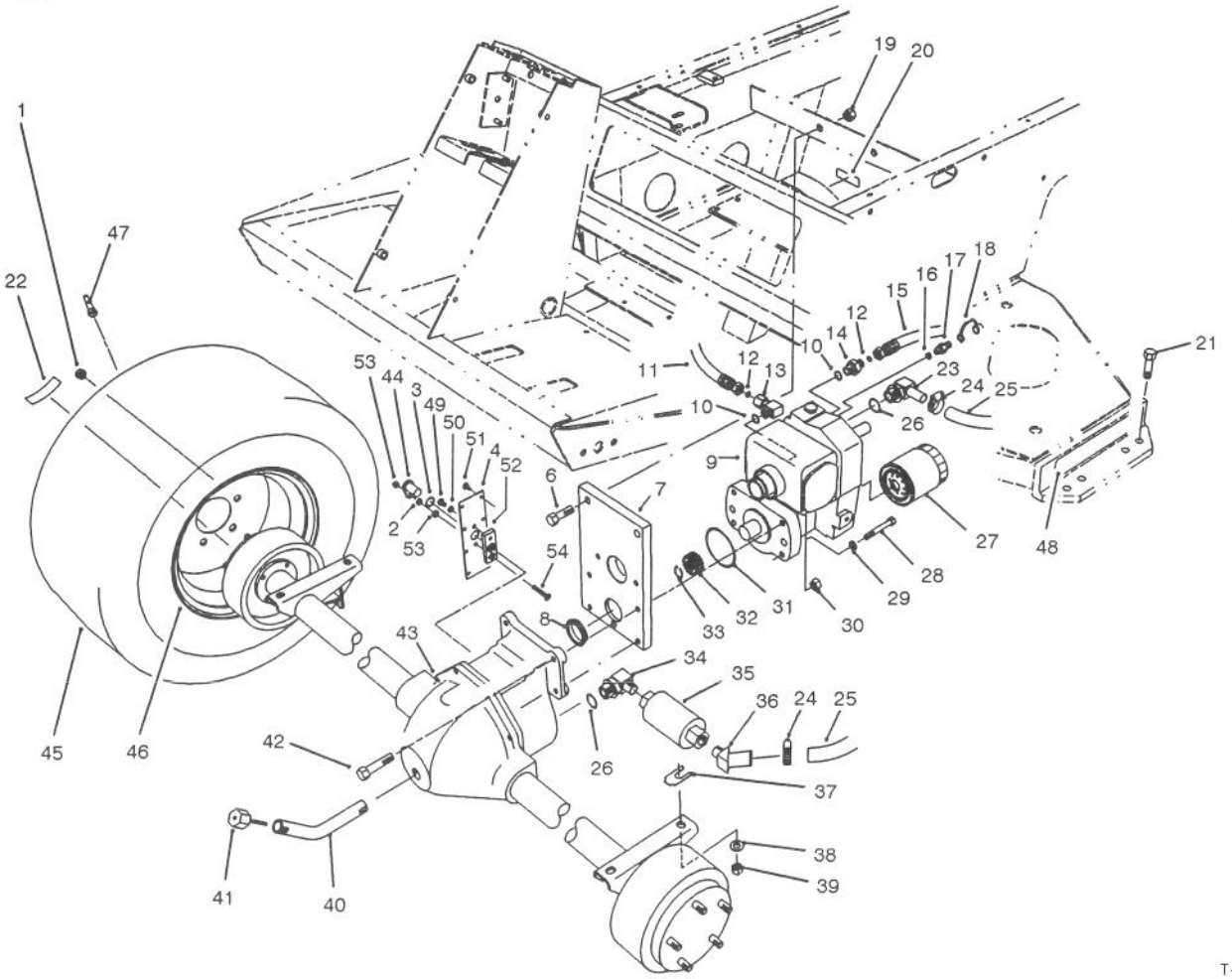


FRONT AXLE & TRANSMISSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	23–7270	Nut – Lug	10
2	3218–1	Nut – Jam	1
3	237–181	Seal – O–Ring	1
4	85–4330	Cover – Gear	1
6	325–7	Screw – Cap Hex. Hd.	2
7	75–3100	Transmission Support Assy. (Incl. Ref. #8)	1
8	75–3110	Collar – Transmission	1
9	75–0010	Transmission Assembly	1
10	237–79	Seal – O–Ring	2
11	75–6170	Hose – Hydraulic	1
12	237–22	Seal – O–Ring	2
13	340–18	Fitting – Hydraulic 90° (Incl. Ref. #10 & 12)	1
14	340–3	Fitting – Hydraulic Straight (Incl. Ref. #10 & 12)	1
15	75–6150	Hose – Hydraulic	1
16	237–78	Seal – O–Ring	1
17	354–77	Fitting – Hydraulic Test Port (Incl. Ref. #16)	1
18	354–79	Cap – Test Port	1
19	3296–23	Nut – Lock	2
‡20	77–0490	Decal – Bolt (English)	1
21	324–6	Screw – Cap Hex. Hd.	4
22	76–8730	Decal – Bolt Torque	2

Ref. No.	Part No.	Description	No. Used
23	75–4720	Fitting – Hydraulic 90° (Incl. Ref. #26)	1
24	2412–34	Clamp – Hose	2
25	75–6350	Hose	1
26	237–81	Seal – O–Ring	2
27	75–1330	Filter – Oil	1
28	323–12	Screw – Cap Hex. Hd.	2
29	3253–21	Washer – Lock	2
30	3296–39	Nut – Lock	2
31	237–161	Seal – O–Ring	1
32	86–7220	Gear – Pinion	1
33	32151–62	Ring – Retaining	1
34	354–75	Fitting – Hydraulic 90° (Incl. Ref. #26)	1
35	75–6340	Strainer – In–Line	1
36	354–72	Fitting – Hydraulic 45°	1
37	42–6080	Shim – Axle	A/R
38	3256–25	Washer – Flat	4
39	3296–48	Nut – Lock	4
40	75–6850	Tube – Oil Fill	1
41	27–3710	Dipstick – Axle	1
42	323–20	Screw – Cap Hex. Hd.	2
43	86–7200	Front Axle Assembly	1
44	85–4350	Sensor – Gear Tooth	1
45	231–134	Tire	2

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



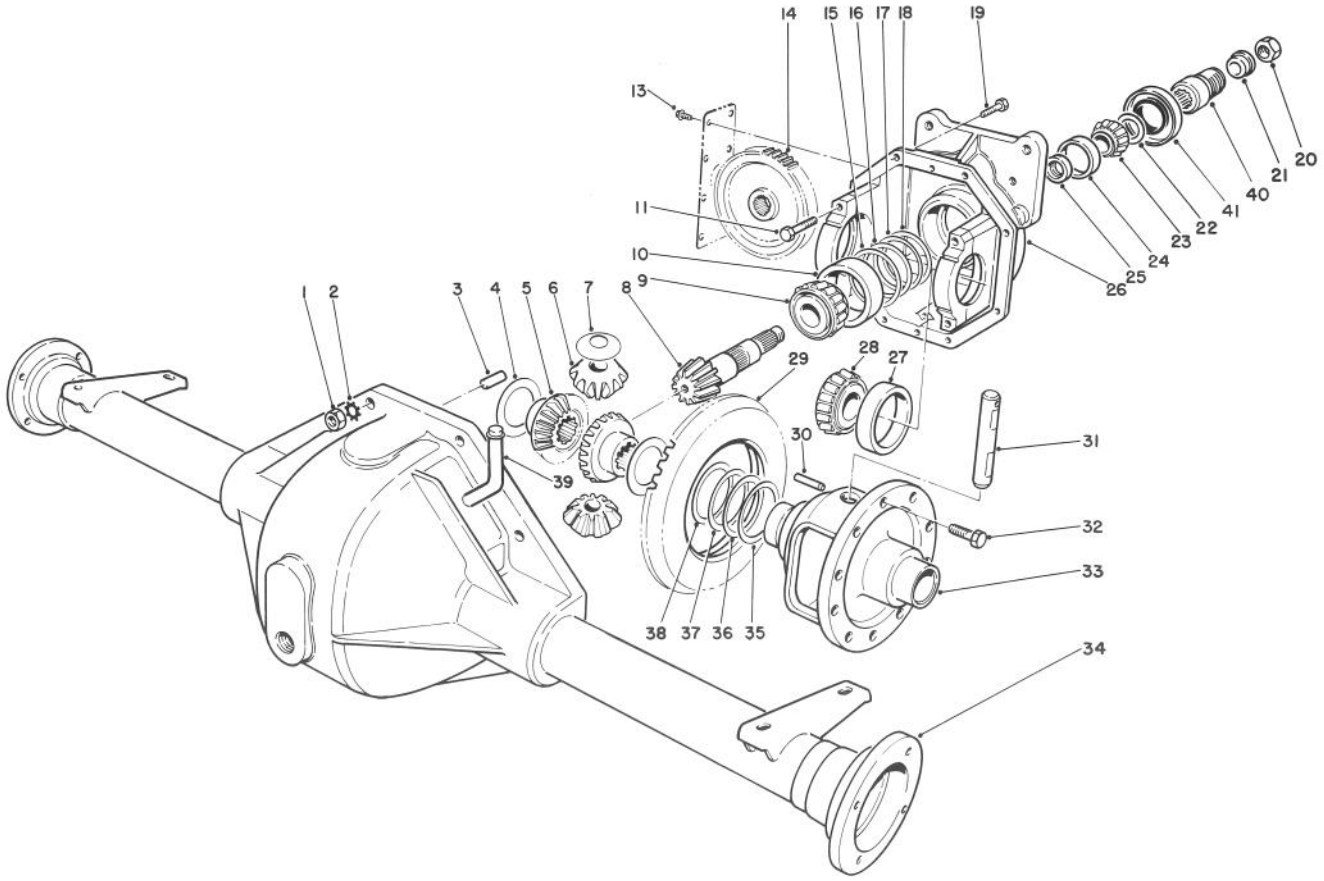
T–1050

FRONT AXLE & TRANSMISSION ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
46	217–120	Rim	2
47	232–27	Stem – Valve	2
‡48	75–0810	Decal – Caution (English)	2
49	321–2	Screw – Cap Hex. Hd.	1
50	3253–3	Washer – Lock	1

Ref. No.	Part No.	Description	No. Used
51	32144–112	Screw – Cap Hex. Hd.	8
52	85–4340	Plate – Sensor Mounting	1
53	3296–56	Nut – Lock	2
54	32108–9	Screw – Machine	1

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



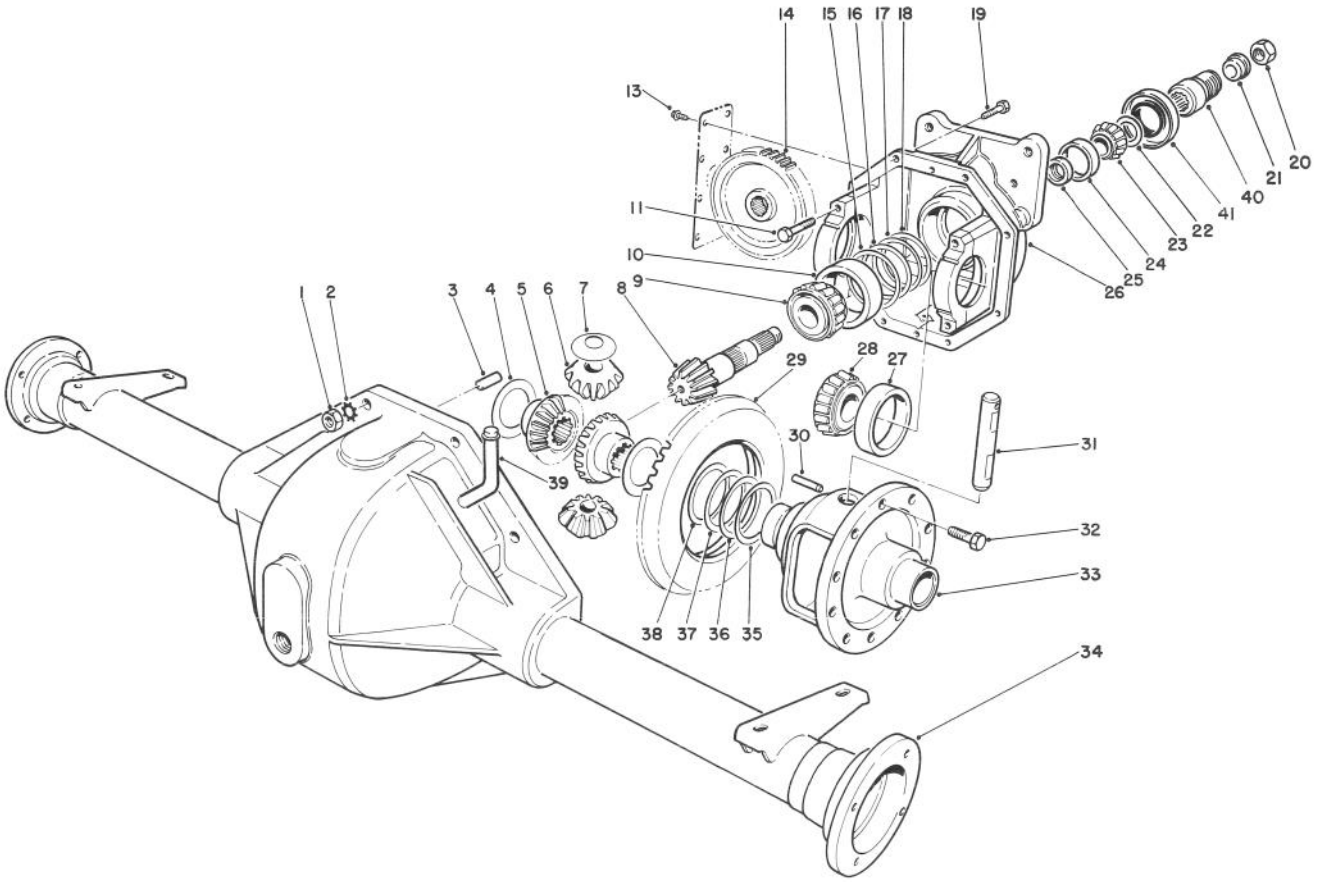
T–1315

FRONT AXLE ASSEMBLY NO. 86–7200

Ref. No.	Part No.	Description	No. Used
1	3219–2	Nut	8
2	3255–8	Washer–Lock	8
3	21–8270	Pin–Dowel	2
4	21–7720	Washer–Thrust	2
5	24–8790	Gear–Bevel, Differential	2
6	21–7690	Gear–Pinion	2
7	21–7730	Washer–Thrust	2
†8		Pinion–Drive	1
9	43–6760	Cone–Bearing, tapered	1
10	43–6750	Cup–Bearing, Tapered	1
11	324–23	Screw–Cap, Hex Hd.	4
13	32144–112	Screw–Thread Forming	8
14	86–7230	Gear–Spur	1
15	43–6710	Diff. Adjust. Shim .003	A/R
16	43–6711	Diff. Adjust. Shim .005	A/R
17	43–6712	Diff. Adjust. Shim .010	A/R
18	43–6713	Diff. Adjust. Shim .030	A/R
19	3210–7	Screw–Cap, Hex Hd.	8
20	71–4350	Nut	1
21	83–5130	Spacer – Pinion	1
22	72–3570	Shim .094 – Diff. Adjust.	A/R
*	72–3571	Shim .096 – Diff. Adjust.	A/R
*	72–3572	Shim .098 – Diff. Adjust.	A/R

Ref. No.	Part No.	Description	No. Used
22	72–3573	Shim .100 – Diff. Adjust.	A/R
*	72–3574	Shim .102 – Diff. Adjust.	A/R
*	72–3575	Shim .104 – Diff. Adjust.	A/R
*	72–3576	Shim .106 – Diff. Adjust.	A/R
*	72–3577	Shim .108 – Diff. Adjust.	A/R
*	72–3578	Shim .110 – Diff. Adjust.	A/R
*	72–3580	Shim .112 – Diff. Adjust.	A/R
*	72–3581	Shim .114 – Diff. Adjust.	A/R
*	72–3582	Shim .116 – Diff. Adjust.	A/R
*	72–3583	Shim .118 – Diff. Adjust.	A/R
*	72–3584	Shim .120 – Diff. Adjust.	A/R
*	72–3585	Shim .125 – Diff. Adjust.	A/R
*	72–3586	Shim .127 – Diff. Adjust.	A/R
*	72–3587	Shim .129 – Diff. Adjust.	A/R
*	72–3588	Shim .131 – Diff. Adjust.	A/R
*	72–3590	Shim .133 – Diff. Adjust.	A/R
*	72–3591	Shim .135 – Diff. Adjust.	A/R
*	72–3592	Shim .137 – Diff. Adjust.	A/R
*	72–3593	Shim .139 – Diff. Adjust.	A/R
*	72–3594	Shim .141 – Diff. Adjust.	A/R
*	72–3595	Shim .143 – Diff. Adjust.	A/R
*	72–3596	Shim .145 – Diff. Adjust.	A/R
*	72–3597	Shim .147 – Diff. Adjust.	A/R

*Not Illustrated
†Not Serviced Separately



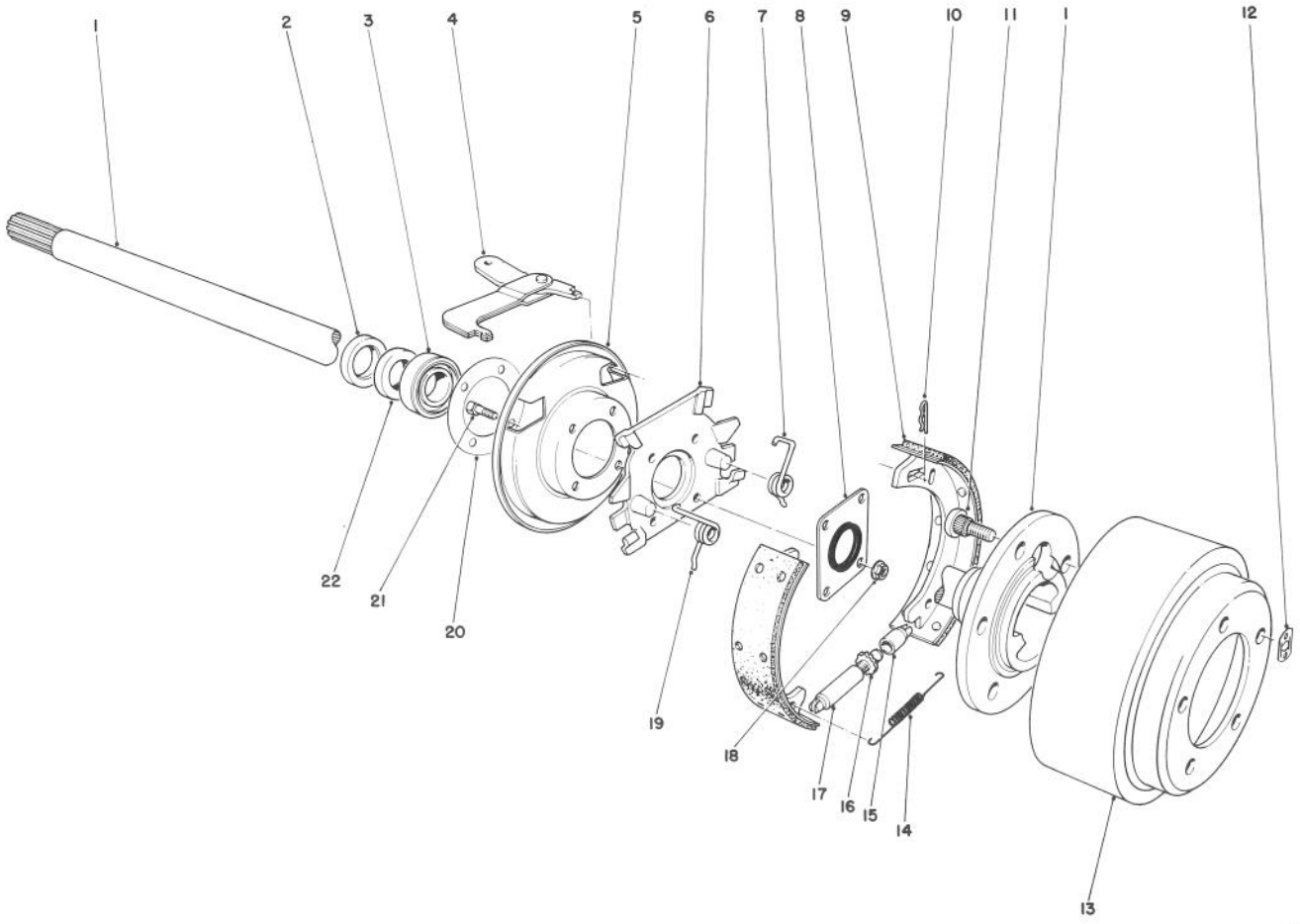
T–1315

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

Ref. No.	Part No.	Description	No. Used
32	21–7770	Screw–Drive Gear	5
33	21–7670	Case–Differential	1
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
*	72–3620	Gear & Pinion Assembly (Incl. Ref. #8 & 29)	1

*Not Illustrated
†Not Serviced Separately



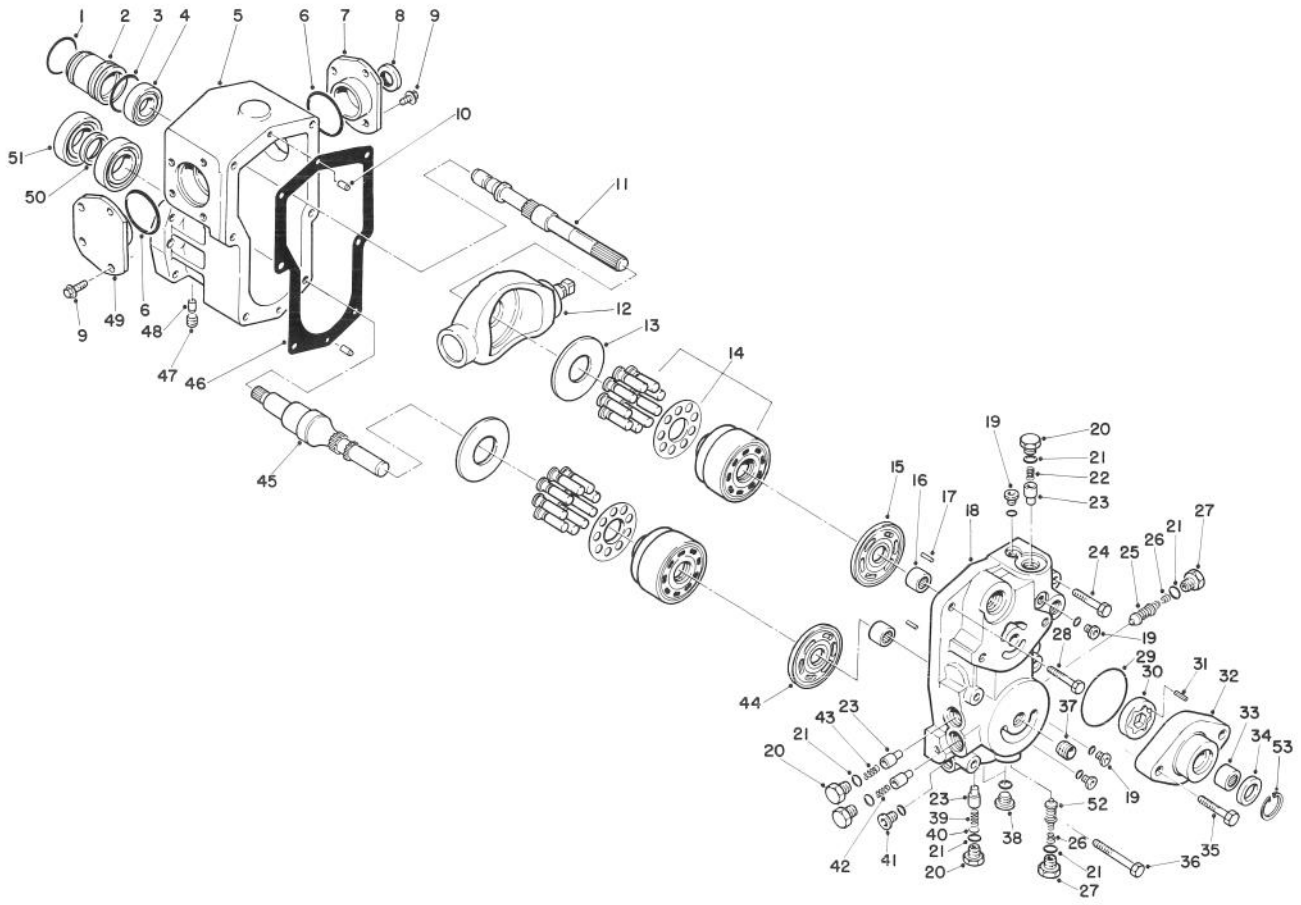
T-0421

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	21-8330	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	43-2690	Shoe & Lining Assembly	4
10	21-9460	Retainer-Brake, Parking	4
11	242-34	Stud-Flange, Axle	10

Ref. No.	Part No.	Description	No. Used
12	21-8360	Clip-Retaining	2
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	21-8320	Gasket-Bearing, Wheel	2
21	28-0660	Screw-Cap, Hex Hd.	8
22	24-8840	Ring-Bearing, Wheel	2
*	43-2690	Pair of Lined Brake Shoes	2

*Not Illustrated



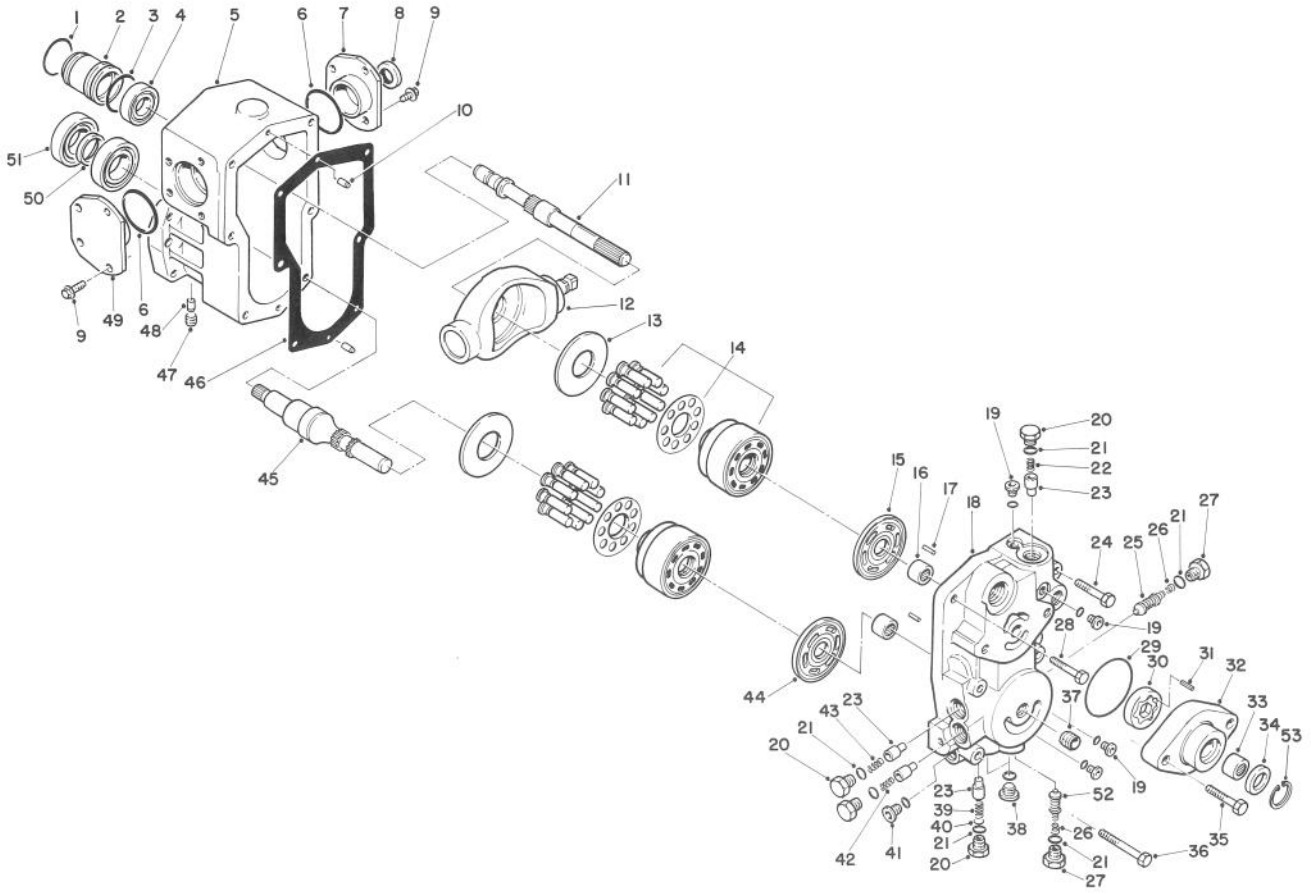
T-1006

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	Trunion 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
22	75-0250	Spring	1
23	75-0260	Valve - Relief	4

Ref. No.	Part No.	Description	No. Used
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
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	1
44	75-0490	Plate - Valve	1
45	75-0440	Shaft - Motor	1
46	75-0030	Gasket - Housing	1

*Not Illustrated



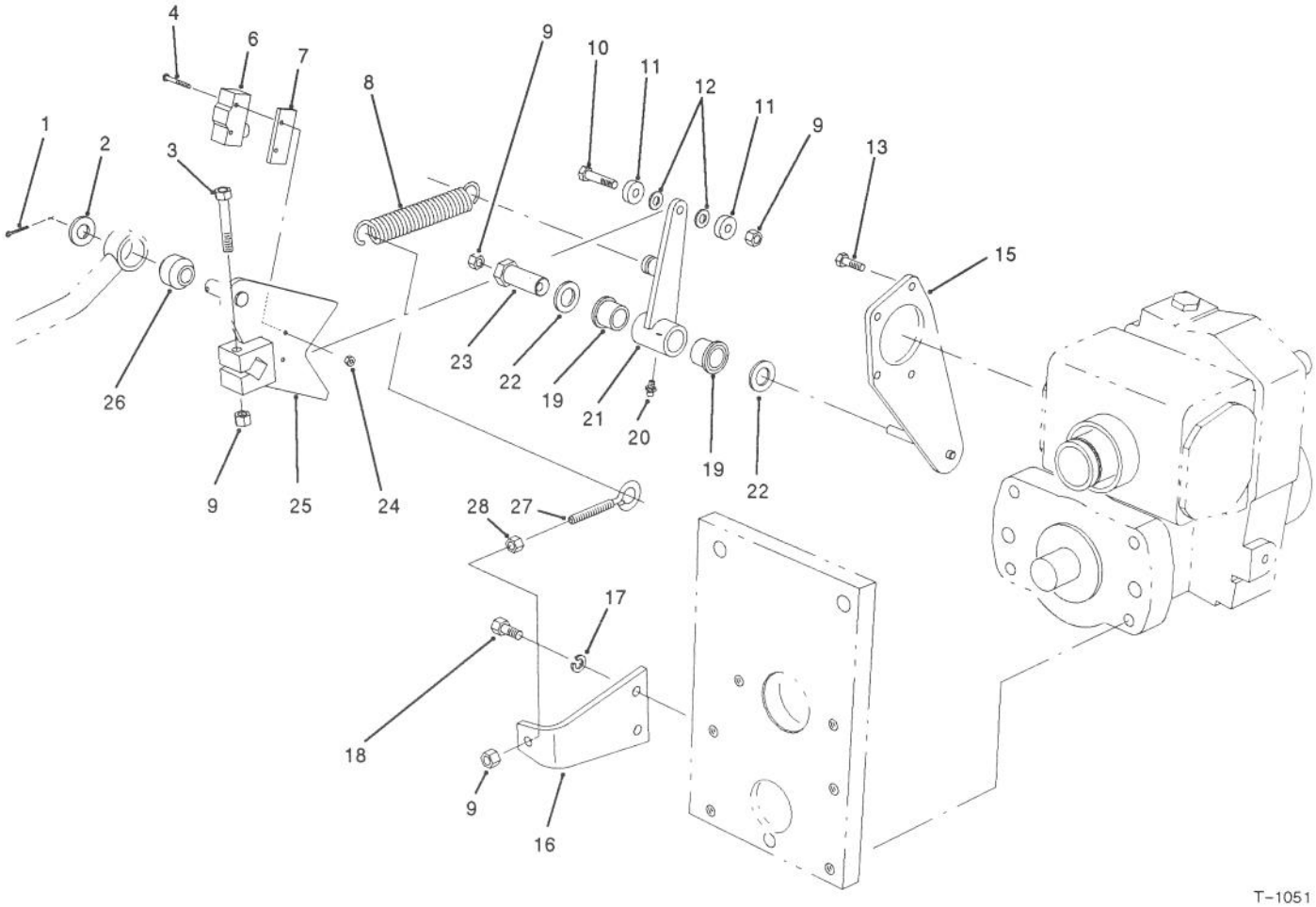
T-1006

TRANSMISSION ASSEMBLY NO. 75-0010 (Continued)

Ref. No.	Part No.	Description	No. Used
47	75-0160	Plug - Pipe	1
48	75-0220	Pin	2
49	86-7530	Trunion Cover Assy. L.H.	1
50	75-0450	Collar	1

Ref. No.	Part No.	Description	No. Used
51	75-0460	Bearing - Ball	2
52	75-6930	Valve - SCR	1
53	32120-74	Ring - Retaining	1

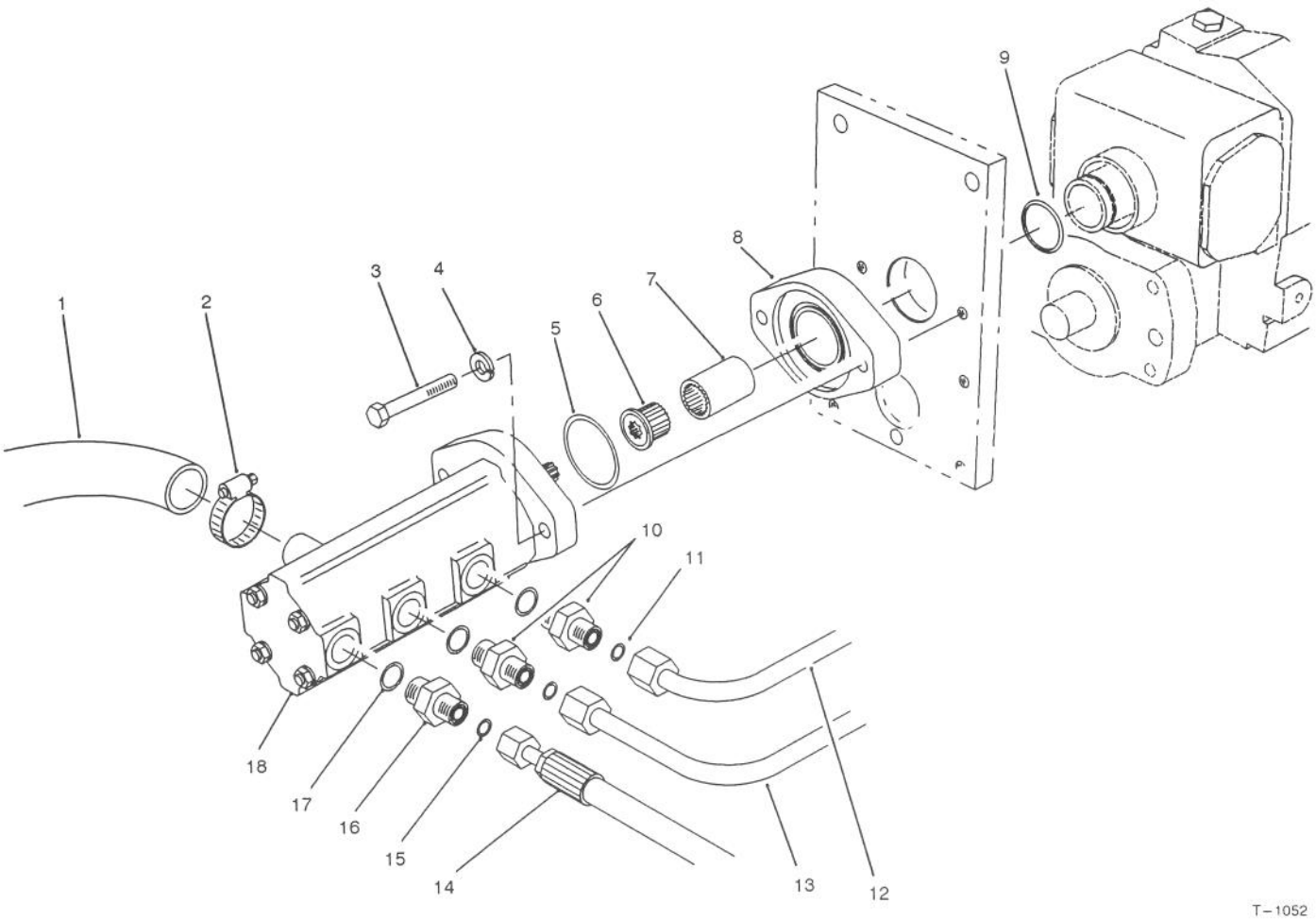
*Not Illustrated



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	75-4090	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

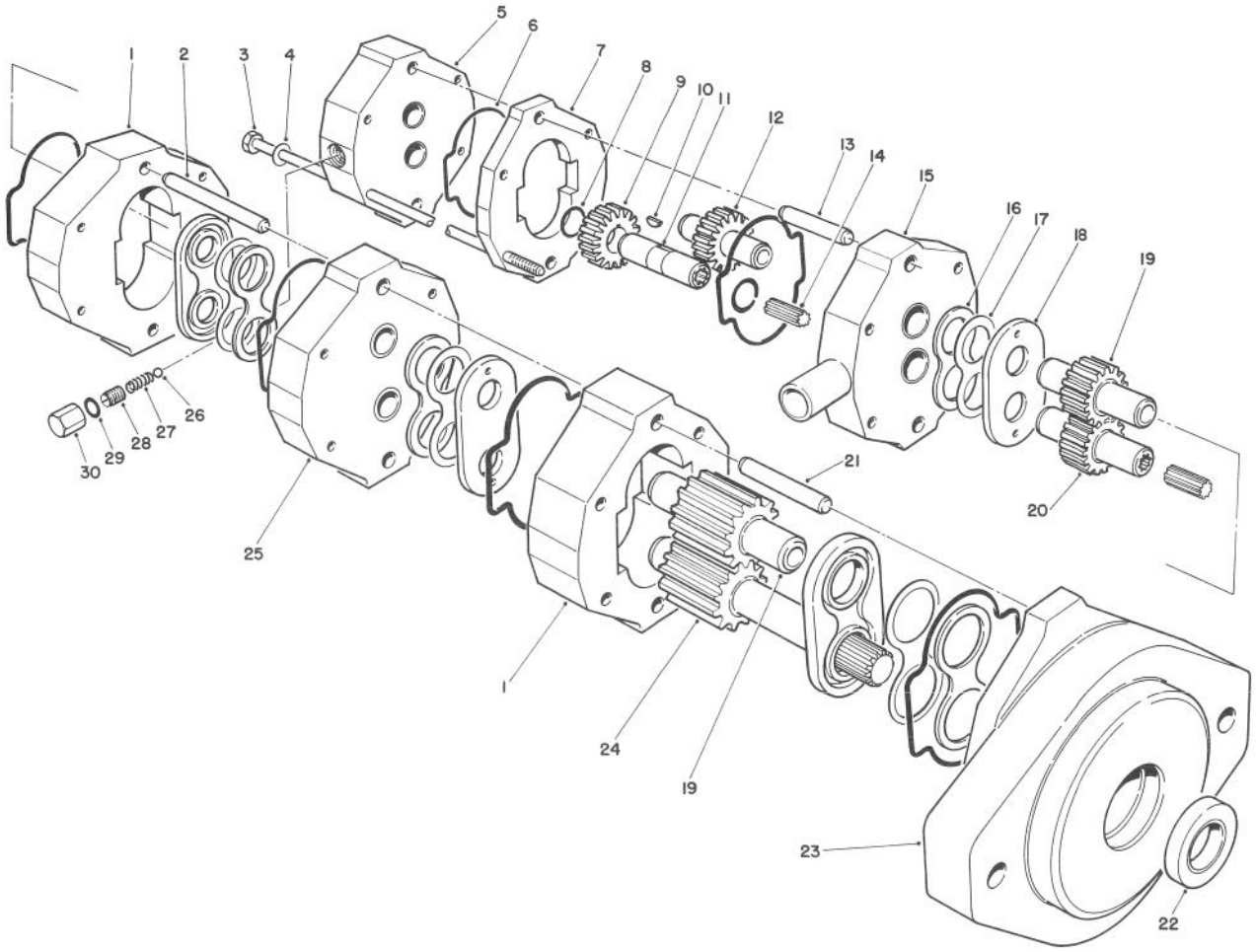


T–1052

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

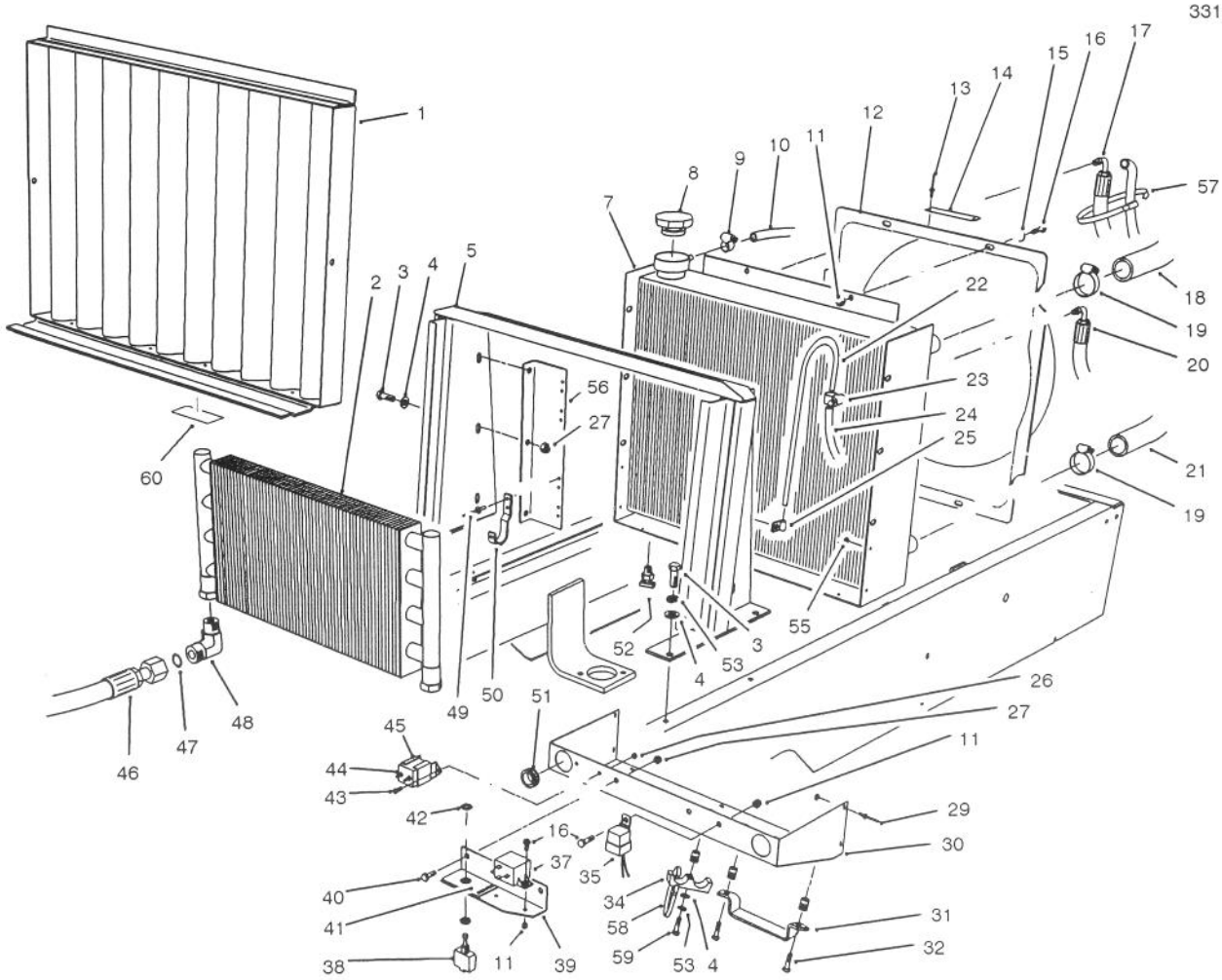


T-1029

HYDRAULIC PUMP NO. 75-0800

Ref. No.	Part No.	Description	No. Used
1	354-54	Plate - Gear	2
2	354-56	Pin - Dowel	2
3	354-64	Screw - Cap Hex. Hd.	4
4	354-16	Washer	4
5	354-63	Cover Assembly	1
6	353-922	Seal - Ring	6
7	354-60	Plate - Gear	1
8	353-886	Ring - Retaining	2
9	354-62	Gear	1
10	354-61	Key - Woodruff	1
11	354-59	Shaft - Drive	1
12	354-65	Idler Shaft Assembly	1
13	354-13	Pin- Dowel	2
14	354-5	Coupling	2
15	354-58	Plate Assembly	1
16	354-69	Seal - Load Hi Pressure	4

Ref. No.	Part No.	Description	No. Used
17	354-67	Seal - Pre-Load Hi Pressure	4
18	354-68	Plate - Load	4
19	354-66	Shaft - Idler	2
20	354-57	Gear - Drive	1
21	354-14	Pin - Dowel	2
22	354-15	Seal - Oil	1
23	354-53	Pump Body Assembly	1
24	354-52	Shaft - Drive	1
25	354-55	Plate Assembly (Incl. Ref. #26-30)	1
26	354-38	Ball - Valve	1
27	354-39	Spring - Compression	1
28	354-37	Adjuster - Valve	1
29	354-35	Gasket	1
30	354-36	Cap - Adjuster Valve	1

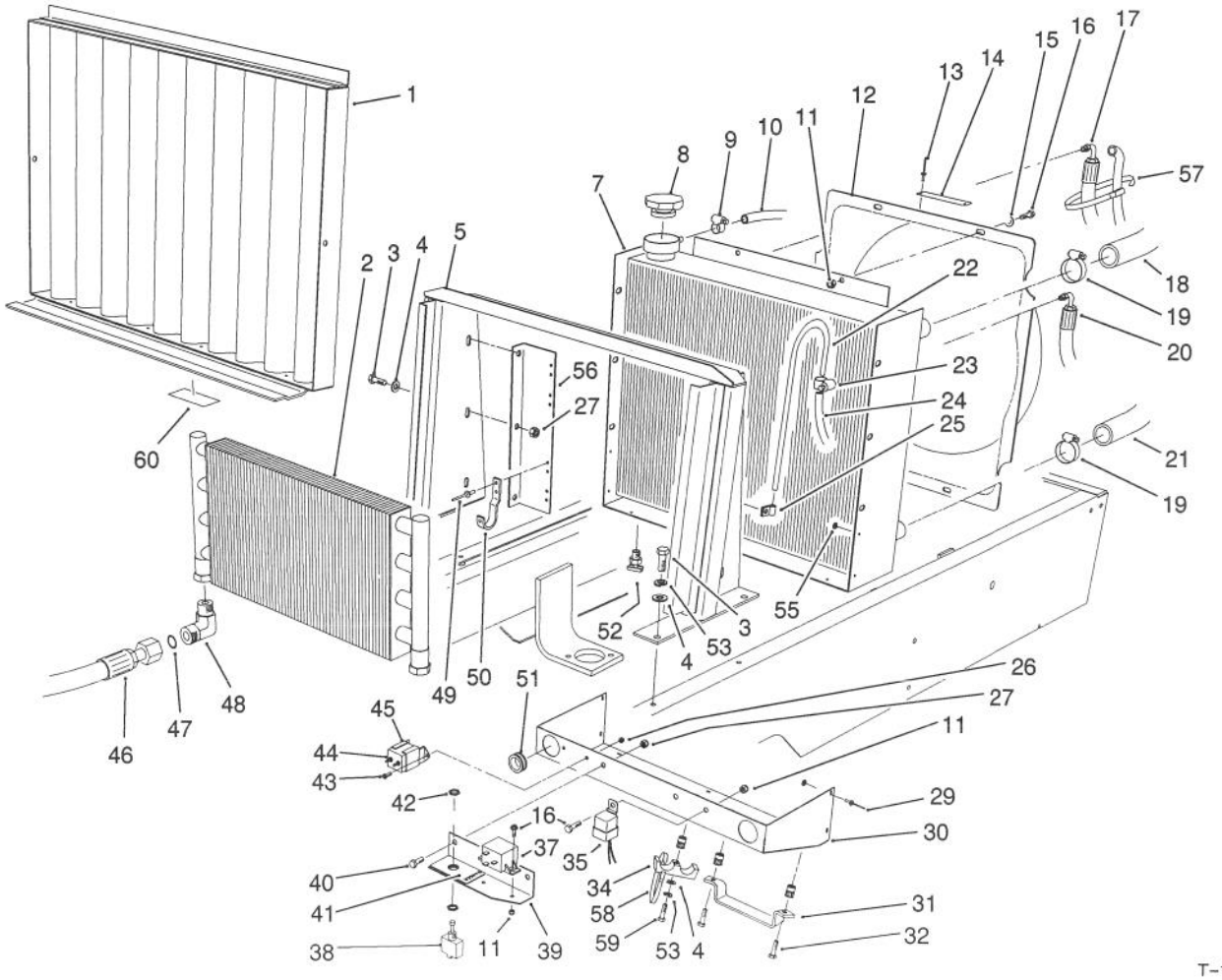


RADIATOR ASSEMBLY

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.	10
4	3256–23	Washer – Flat	12
5	75–4260	Support – Radiator	1
7	75–6290	Radiator	1
8	66–3240	Cap – Radiator	1
9	2412–108	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
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	2412–3	Clamp – Hose	4
20	75–6150	Hose – Hydraulic	1
21	75–2260	Hose – Radiator Lower	1
22	66–3180	Tube – Vent	1
23	2412–74	Clamp – Hose	1
24	75–4701	Hose – Fuel Vent	1

Ref. No.	Part No.	Description	No. Used
25	2412–103	Clamp – R	1
26	32149–7	Nut – Lock	2
27	3296–29	Nut – Lock	10
29	3269–13	Rivet – Pop	7
30	75–4310	Shield – Radiator	1
31	75–2860	Bracket – Hose	1
32	322–4	Screw – Cap Hex. Hd.	2
34	56–7974	Clamp – Tube	1
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 (English)	1
42	218–498	Nut – Lock	2
43	32105–8	Screw – Cap Hex. Hd.	2
44	67–4700	Resister – Glow	1
45	70–8560	Retainer – Glow Resister	1
46	75–6140	Hose – Hydraulic R.H.	1
*	75–6160	Hose – Hydraulic L.H.	1
47	237–65	Seal – O–Ring	2

*Not Illustrated
‡For different language versions of this part, see International Decal Cross Reference.



T-1053

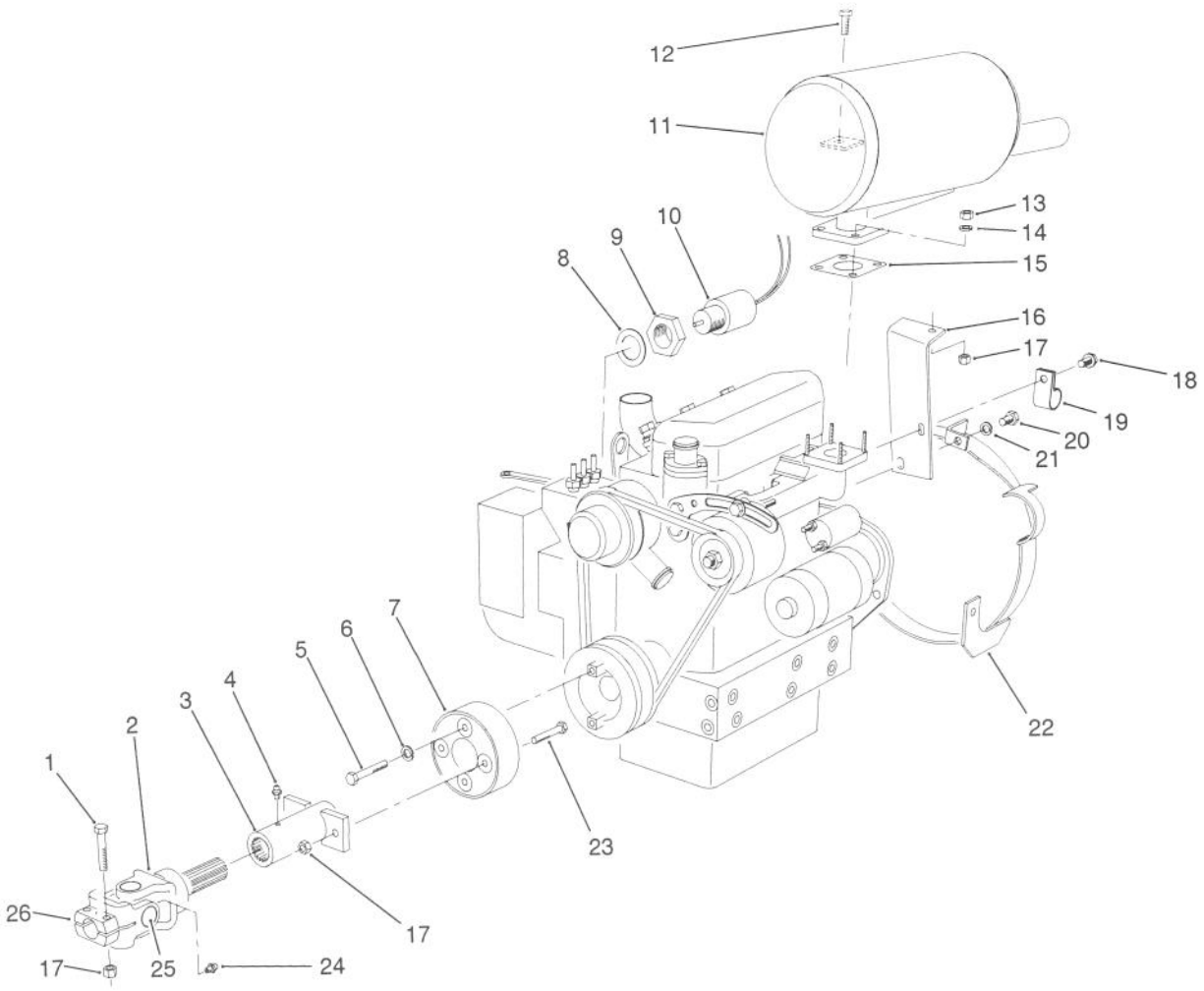
RADIATOR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
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	5

Ref. No.	Part No.	Description	No. Used
55	3256-13	Washer - Flat	7
56	75-5160	Plate - Support	2
57	3290-378	Tie - Cable	1
58	3333-975	Tie - Cable	1
59	322-6	Screw - Cap Hex. Hd.	1
‡60	83-7450	Decal - Down (English)	1

*Not Illustrated

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



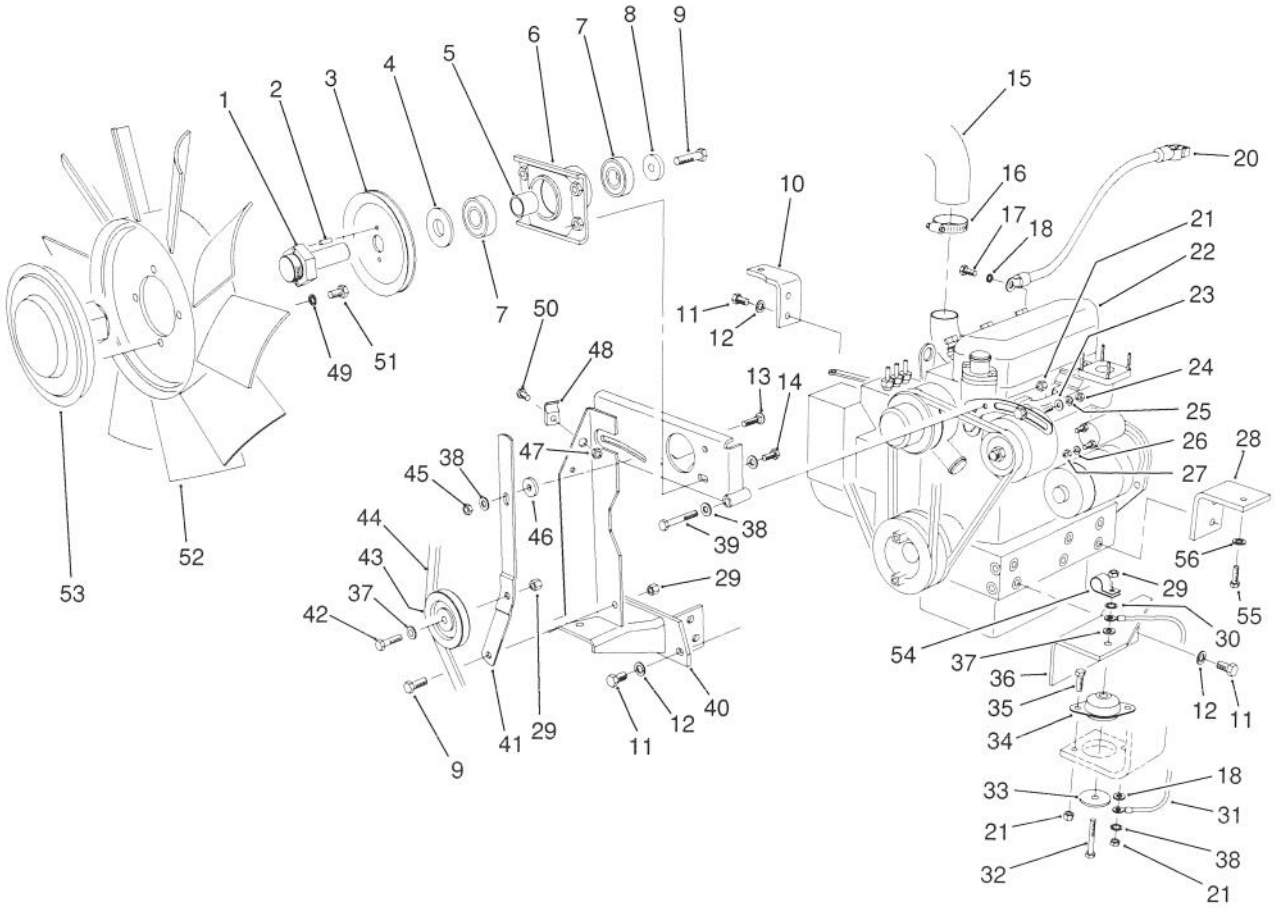
T-1054

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	62-3880	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	53-8130	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

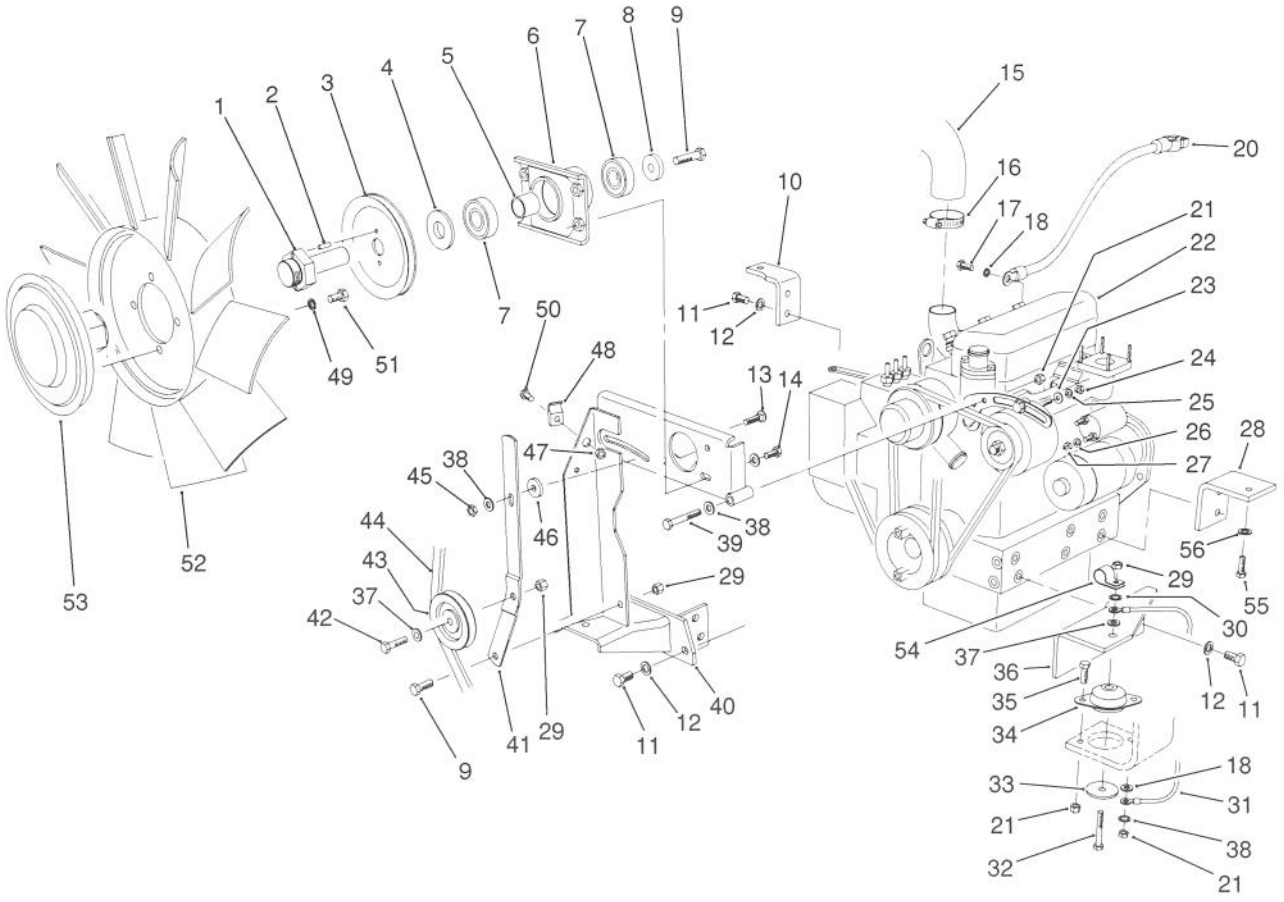


T-1055

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	71-2910	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	75-2460	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	75-0900	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	2
27	57-6390	Nut - Lock	2
28	75-2830	Bracket - Engine L.H. Rear	1
29	3296-39	Nut - Lock	5
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	66-2320	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	75-4220	Bracket - Fan	1
41	63-6720	Bracket - Fan Idler	1
42	323-8	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

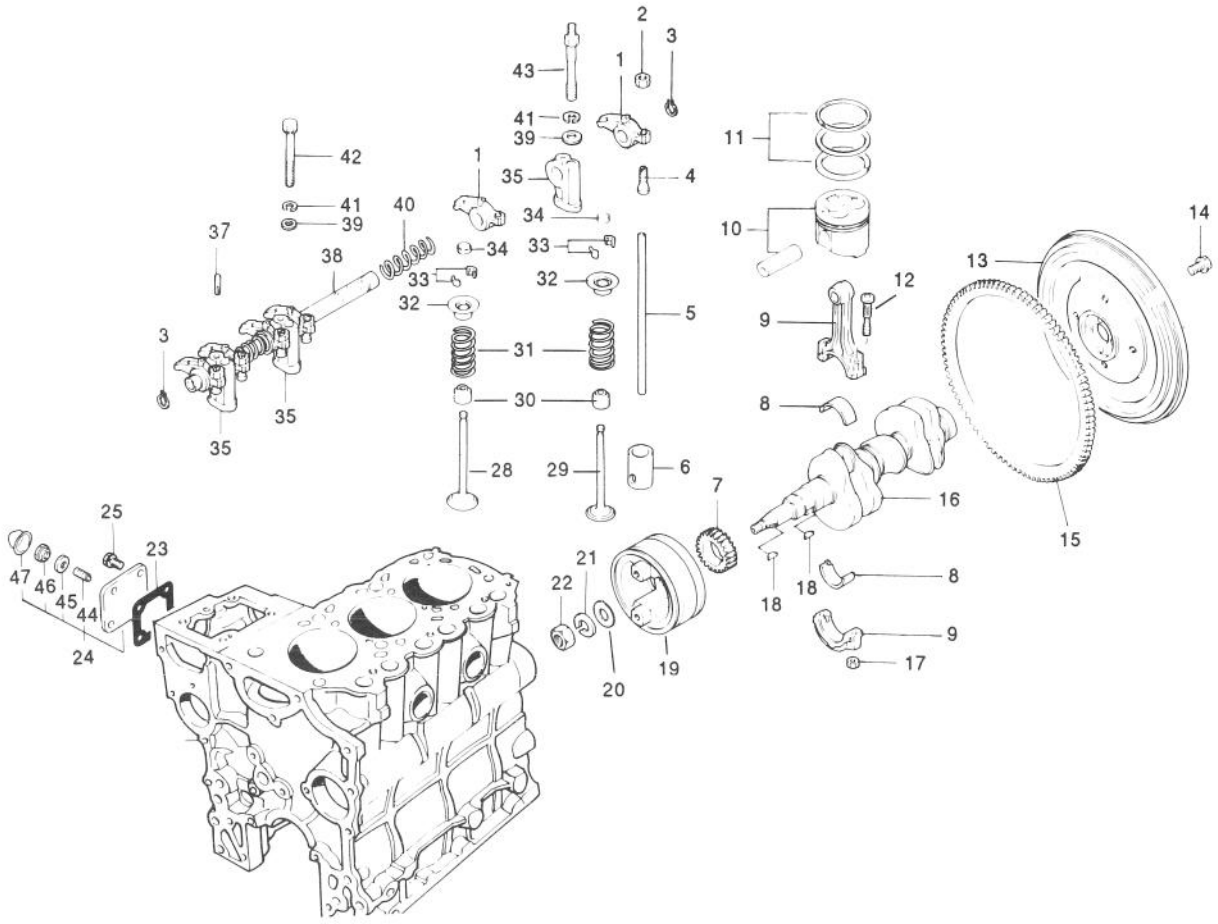


T-1055

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

Ref. No.	Part No.	Description	No. Used
53	74-5520	Clutch - Fan	1
54	2412-126	Clamp - R	1
55	323-9	Screw - Cap Hex. Hd.	1
56	3253-21	Washer - Lock	1



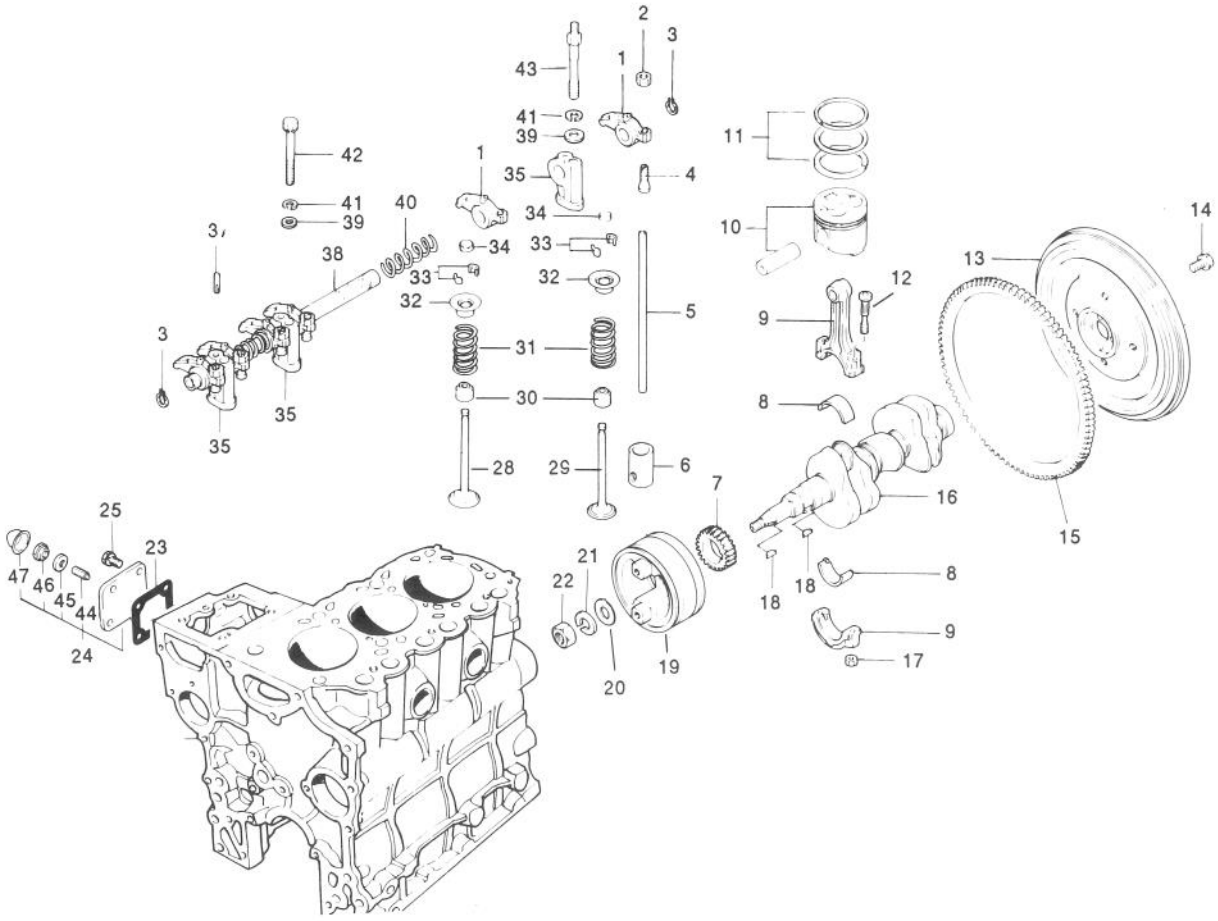
T-0565

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	67-2920	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

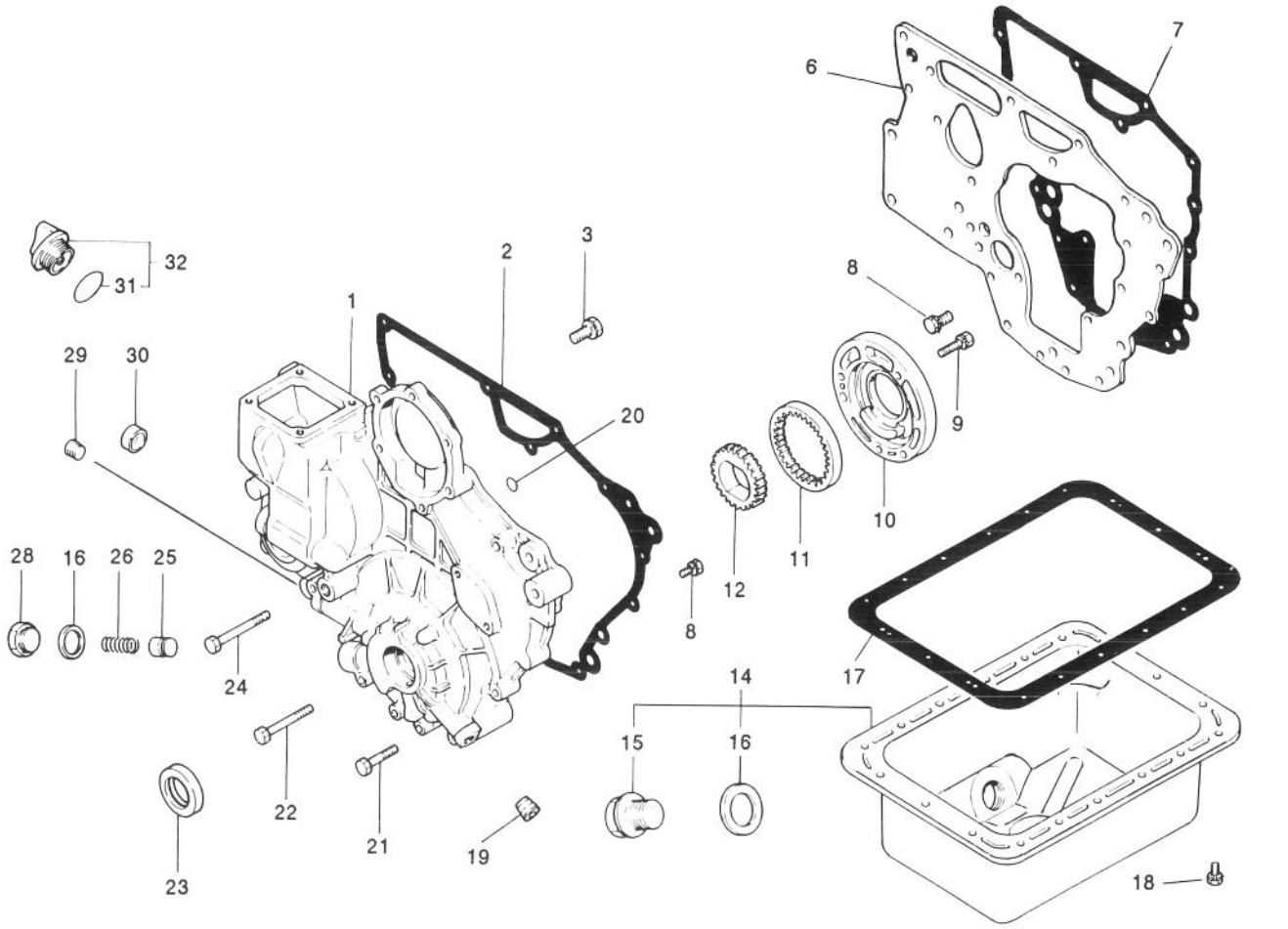


T-0565

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



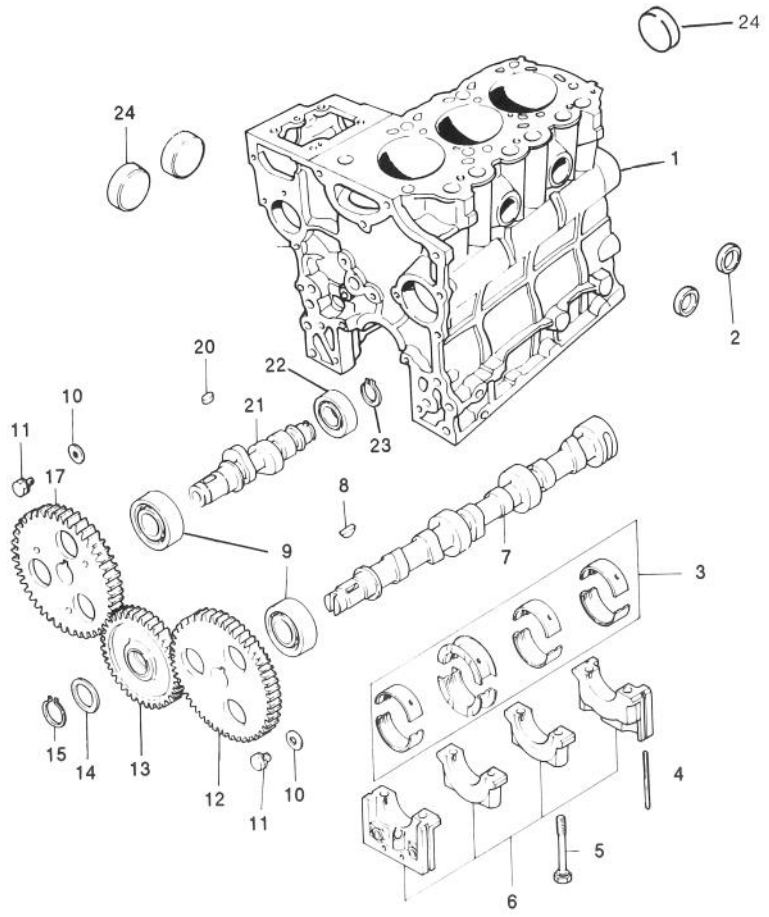
T-0567

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-4920	Case	1
2	67-2580	Gasket - Case	1
3	67-2340	Bolt W/Washer	3
6	67-2310	Plate - Front	1
7	67-2320	Gasket - Plate	1
8	42-9440	Bolt W/Washer	11
9	67-2560	Bolt W/Washer	3
10	67-2550	Housing - Oil Pump	1
11	67-2540	Gear - Outer	1
12	67-2530	Gear - Inner	1
14	75-4910	Oil Pan Assembly (Incl. Ref. #15-16)	1
15	42-9260	Plug - Drain	1
16	42-7290	Gasket - Drain	2
17	67-2480	Gasket - Oil Pan	1
18	42-9490	Bolt W/Washer	18

Ref. No.	Part No.	Description	No. Used
19	42-7210	Plug-Taper	1
20	67-2630	Seal - O-Ring	2
21	67-2600	Bolt	3
22	67-2610	Bolt	4
23	67-2590	Seal - Oil	1
24	67-2620	Bolt	1
25	67-2500	Plunger - Relief	1
26	67-2510	Spring - Relief	1
28	67-2520	Plug	1
29	67-2570	Plug - Taper	1
30	67-2640	Cap	1
31	67-2660	Seal - O-Ring	1
32	67-2650	Oil Fill Cap Assembly (Incl. Ref. #31)	1
*	75-5040	Gasket Kit (Incl. Ref. #2, 7, 16 &17)	1

*Not Illustrated



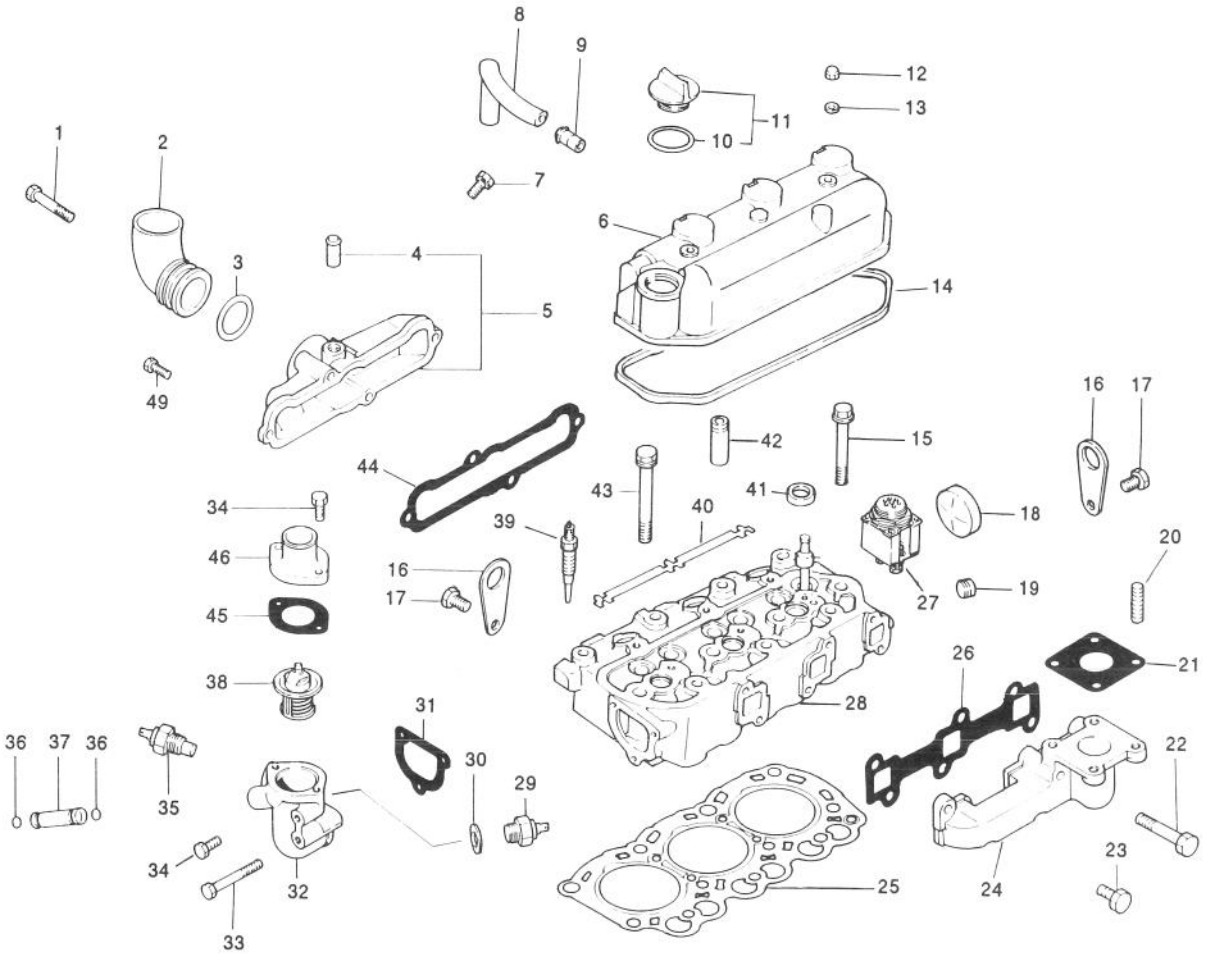
T-0564

CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-4960	Block Assembly (Incl. Ref. #2, 5, 6 & 24)	1
2	42-7080	Cap	2
3	75-4900	Bearing Set STD	1
*	67-2410	Bearing Set 0.25 mm US	1
*	67-2420	Bearing Set 0.50 mm US	1
4	67-2200	Seal	4
5	67-2250	Bolt	8
6		Gap Assembly	1
7	67-3010	Cam Shaft	1
8	56-0480	Key - Woodruff	1
9	67-3030	Bearing	2

Ref. No.	Part No.	Description	No. Used
10	67-3000	Washer	2
11	42-9490	Bolt W/Washer	2
12	67-3020	Gear	1
13	67-3090	Gear Assembly	1
14	67-3040	Plate	1
15	56-1060	Snap Ring	1
17	67-3070	Gear	1
20	42-7840	Key	1
21	67-3060	Shaft	1
22	67-3050	Bearing	1
23	67-3080	Snap Ring	1
24	56-0020	Plug	3

*Not Illustrated

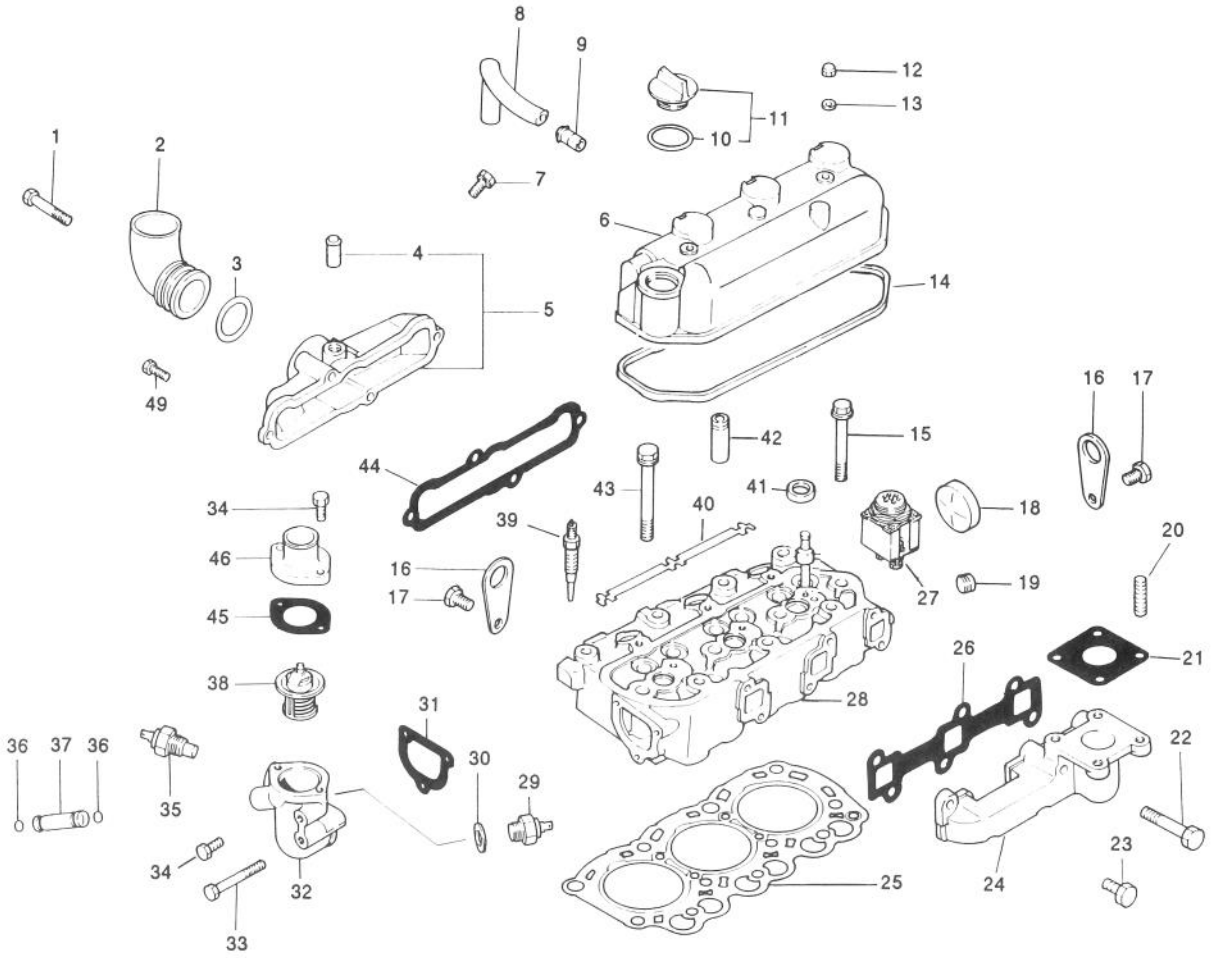


T-0566

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-4400	Bolt	2
2	67-4520	Pipe	1
3	67-4540	Seal - O-Ring	1
4	42-7510	Pipe	1
5	67-4530	Cover - Intake	1
6	67-2750	Cover Assembly (Incl. Ref. #9)	1
7	42-9430	Bolt W/Washer	1
8	67-2670	Hose - Breather	1
9	42-7510	Pipe	1
10	67-2660	Seal - O-Ring	1
11	67-2650	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

Ref. No.	Part No.	Description	No. Used
23	67-4590	Bolt	4
24	67-4560	Manifold - Exhaust	1
25	75-4950	Gasket - Cylinder Head	1
26	67-4570	Gasket - Exhaust Manifold	1
27	67-4700	Lamp - Glow	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

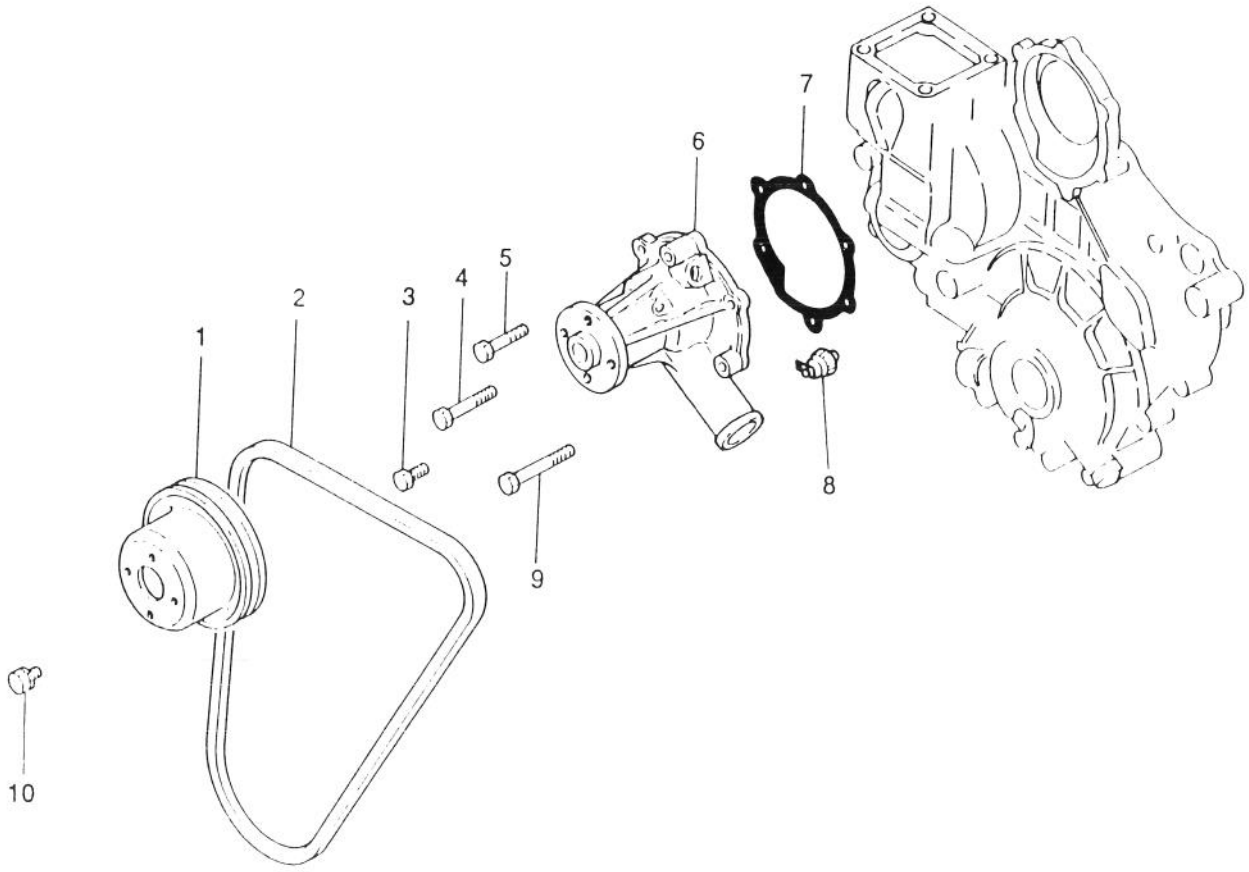


T-0566

CYLINDER HEAD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
45	67-4430	Gasket - Fitting	1
46	67-4420	Fitting - Water	1

Ref. No.	Part No.	Description	No. Used
49	67-2330	Bolt	2

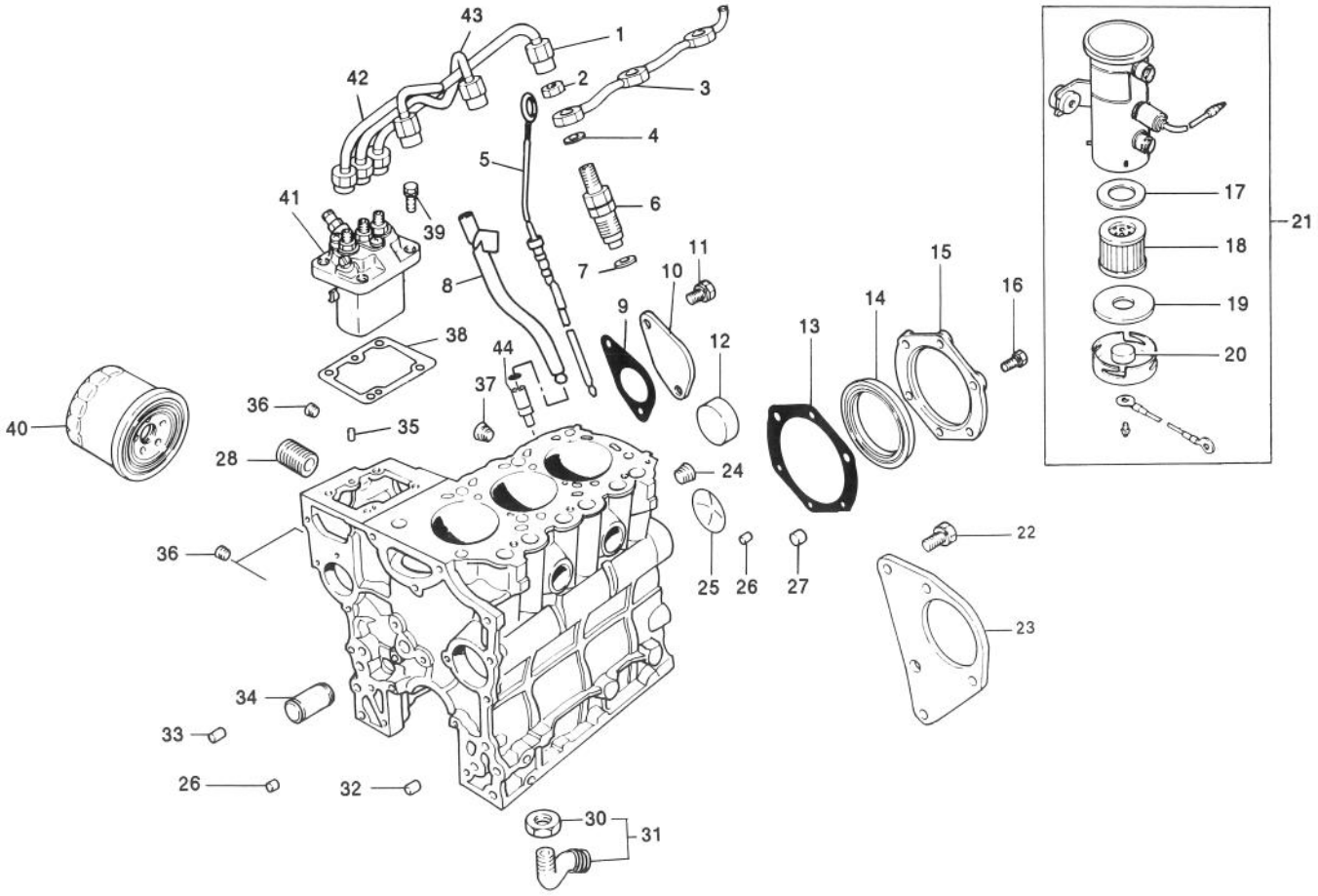


T-0568

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	67-26[illegible]	Bolt	2
10	42-9490	Bolt W/Washer	4



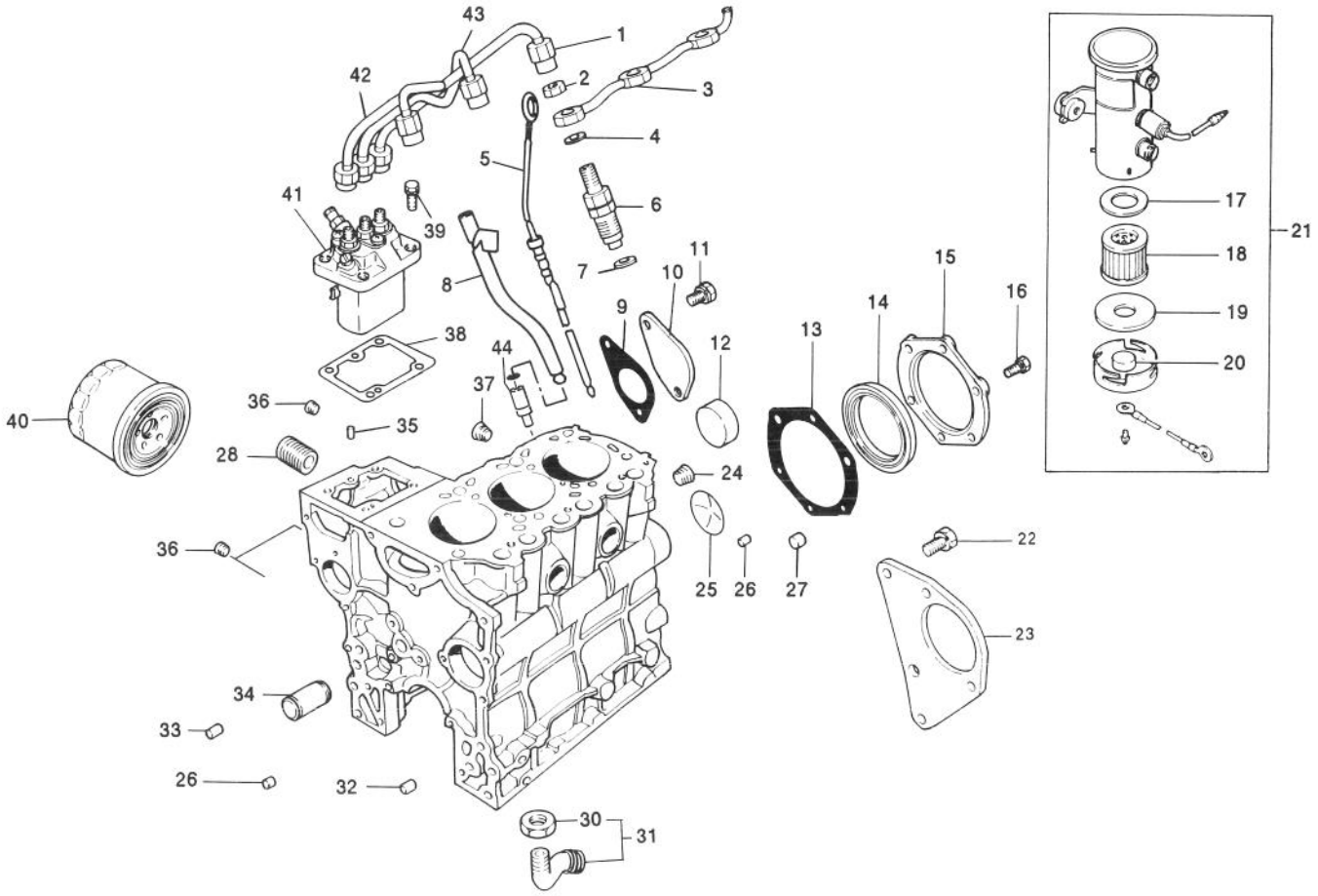
T-0569

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



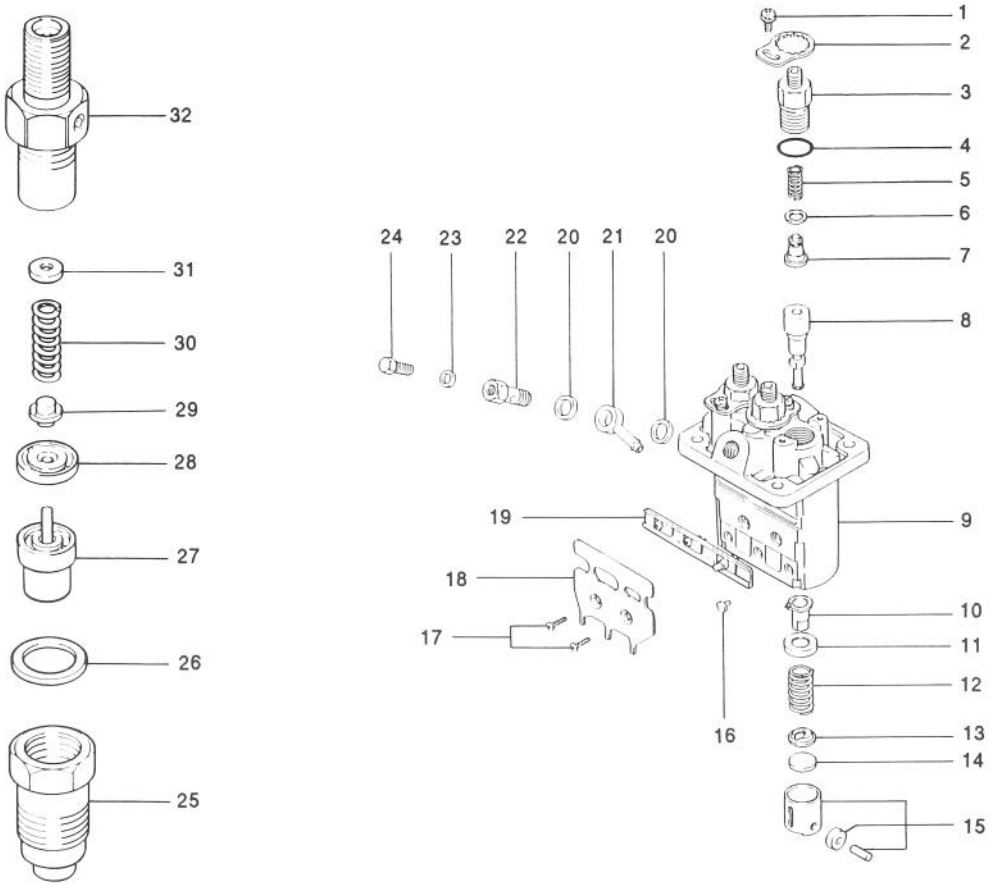
T-0569

FUEL SUPPLY & ENGINE BLOCK ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
38	67-3330	Shim 0.7 mm	1
*	67-3340	Shim 0.8 mm	1
*	67-3350	Shim 0.9 mm	1
*	67-3360	Shim 1.0 mm	1
39	67-3370	Bolt W/Washer	4

Ref. No.	Part No.	Description	No. Used
40	67-4330	Oil Filter Assembly	1
41	75-5020	Injector Pump Assembly	
42	67-3400	Pipe Assy. No. 1	1
43	67-3410	Pipe Assy. No. 2	1
44	82-8110	Retainer - Oil Guide	1

*Not Illustrated



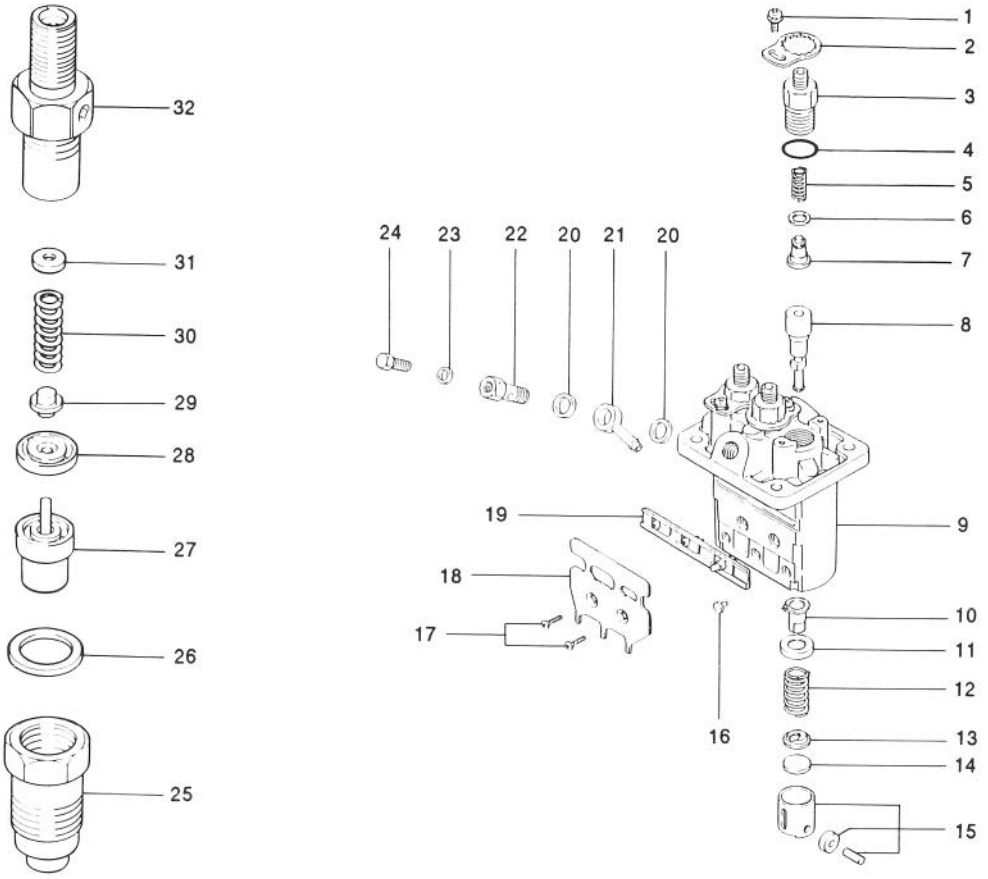
T-0570

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



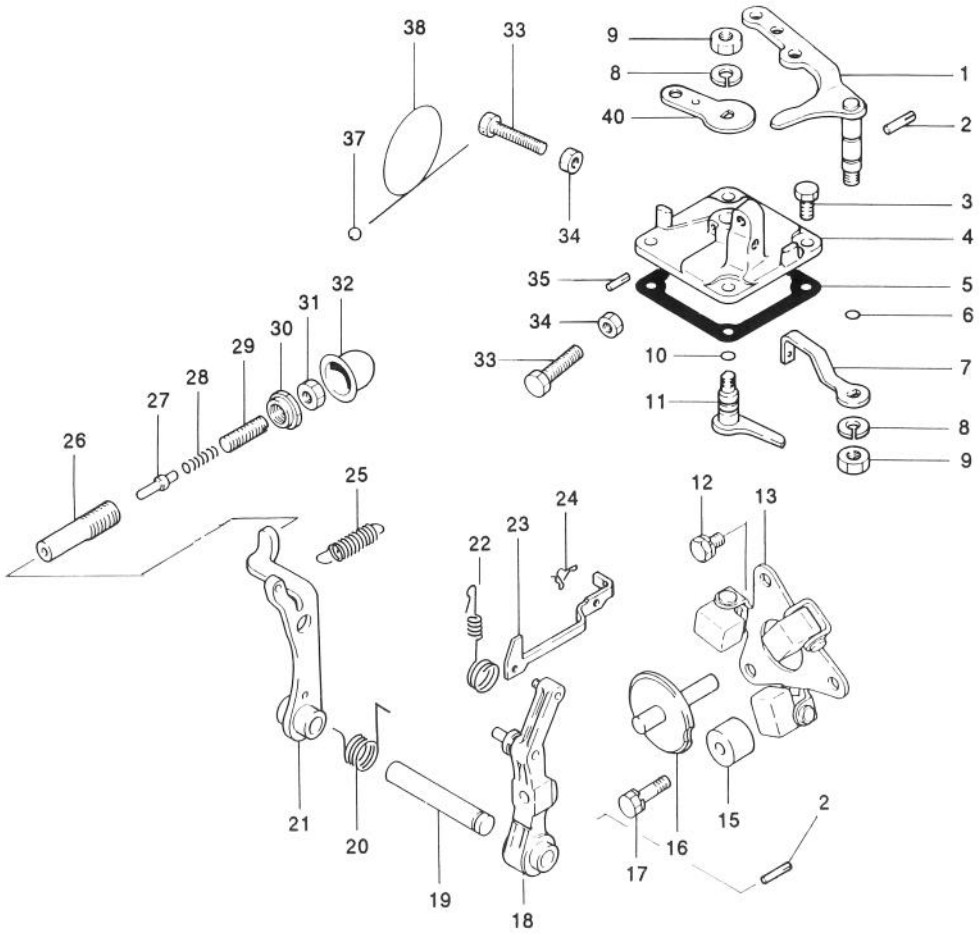
T-0570

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



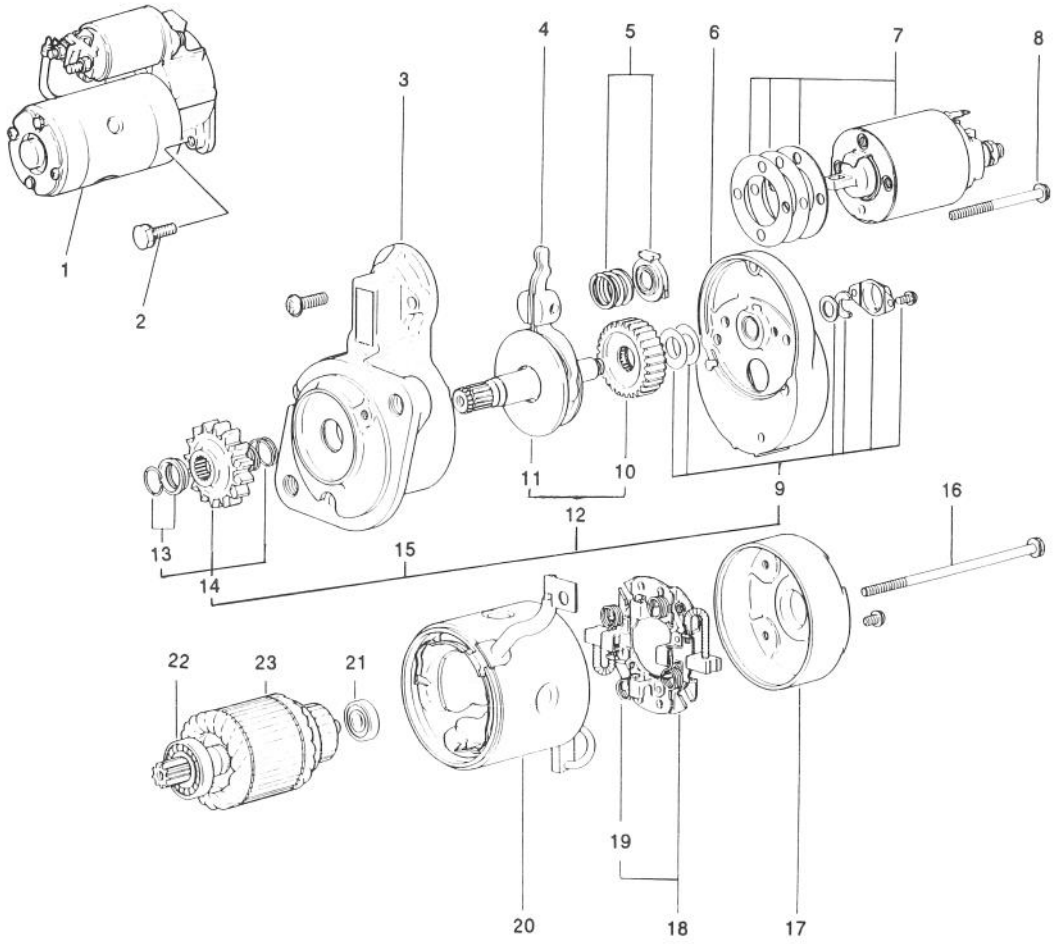
T-0571

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	43-2820	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

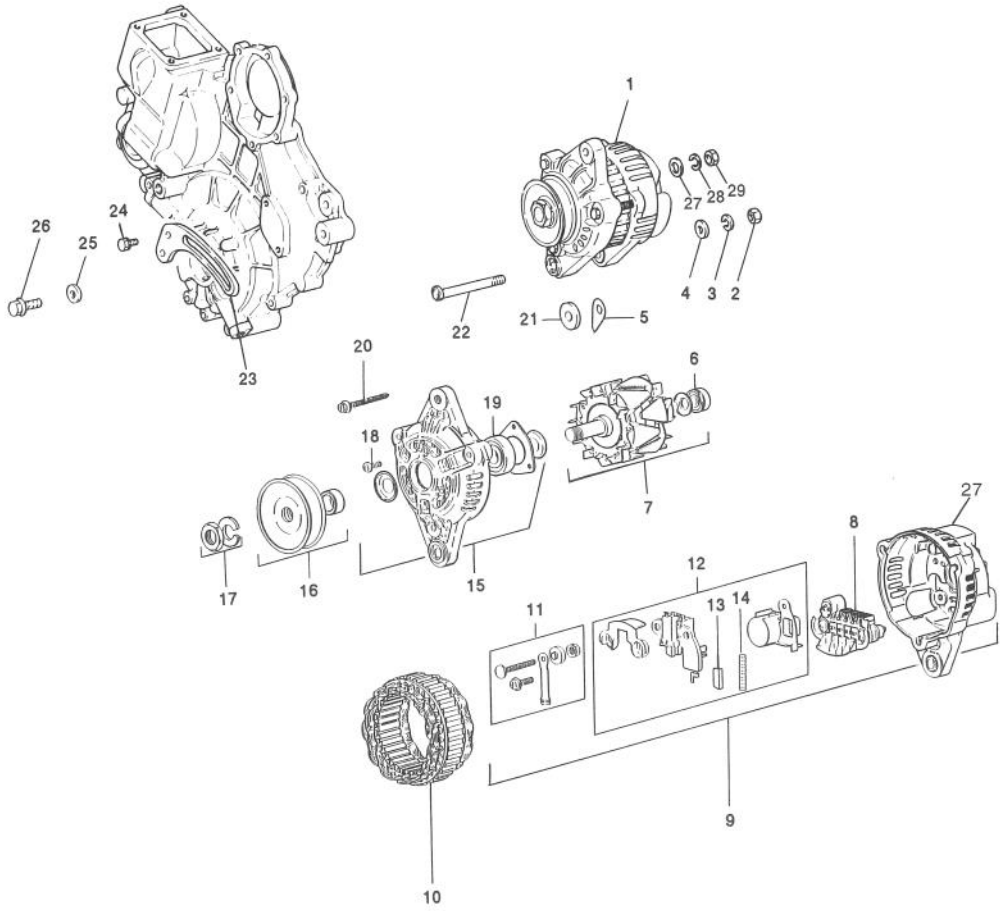


T-0572

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

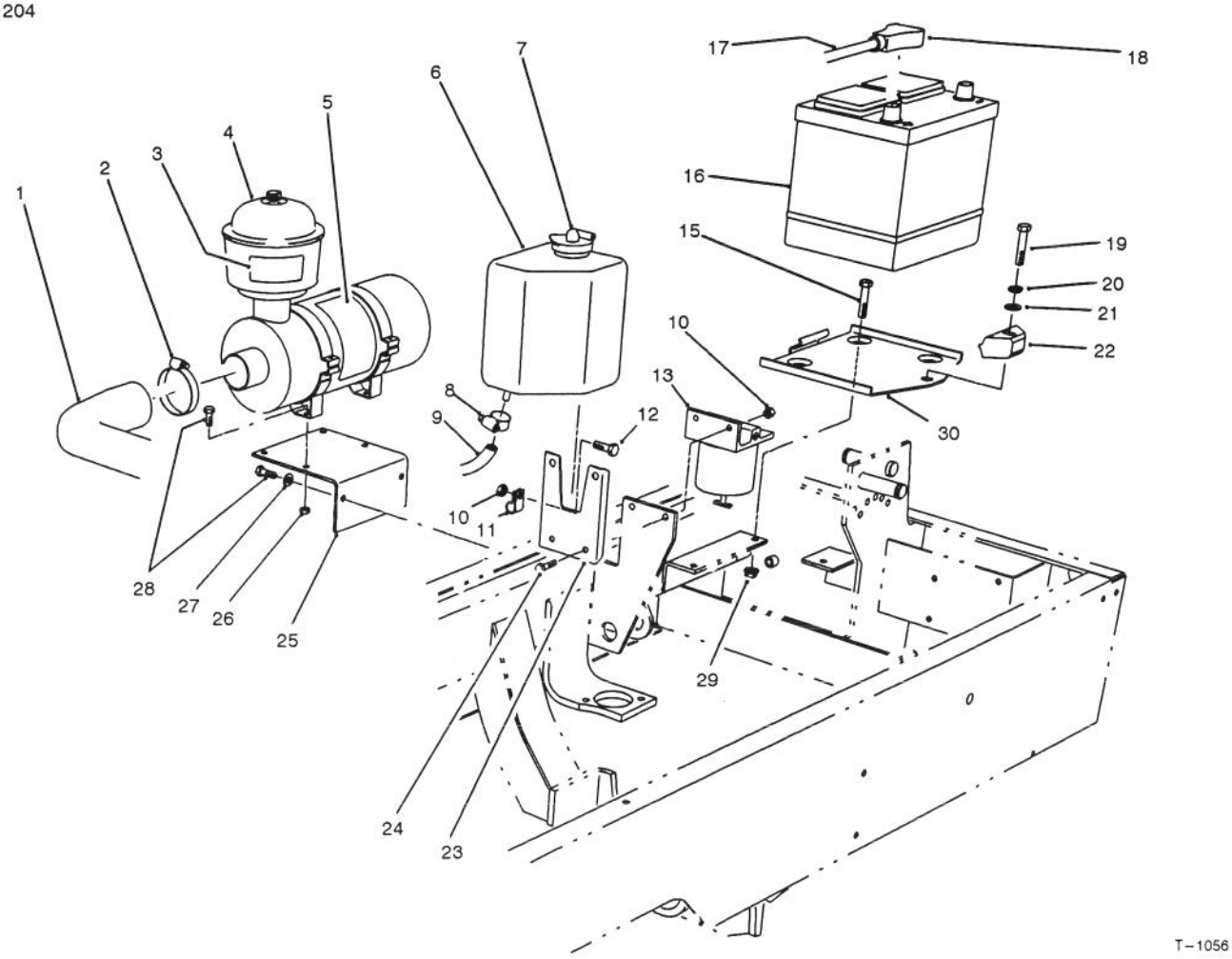


T-0573

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

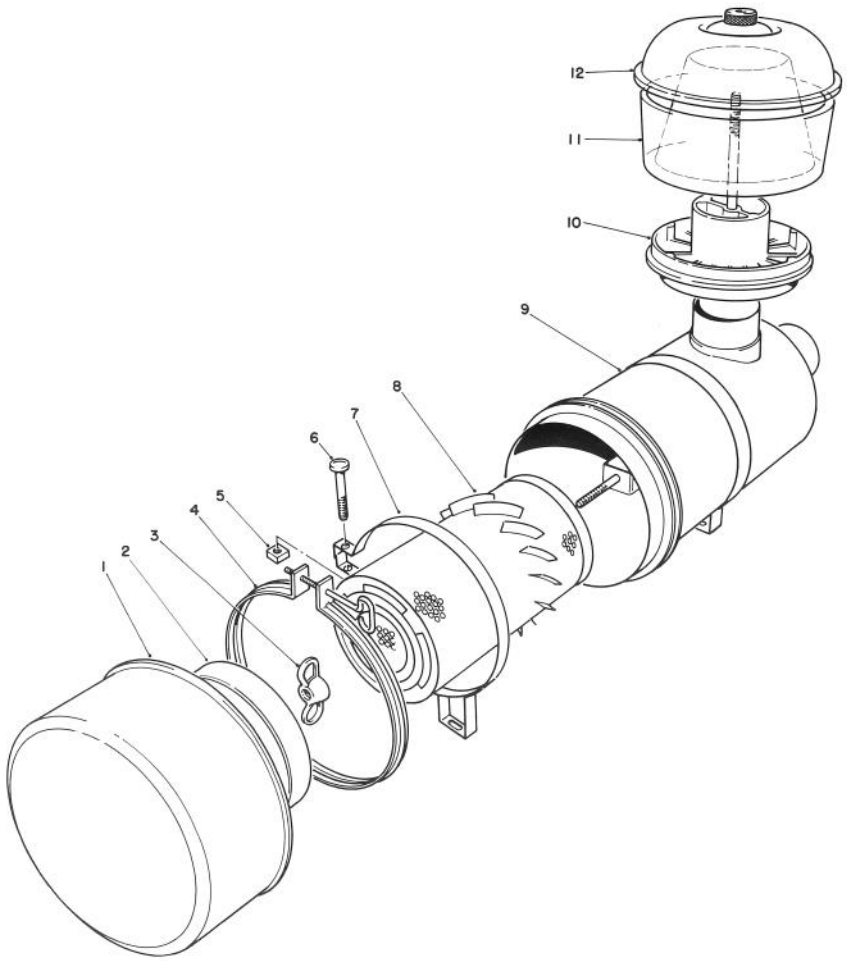


ENGINE COMPONENTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75–2460	Hose – Air Cleaner	1
2	2412–42	Clamp – Hose	1
‡3	67–1700	Decal – Starting Fluid (English)	1
4	48–4220	Air Cleaner Assembly (Incl. Ref. #5)	1
5	27–7160	Decal – Instructions	1
6	63–7380	Expansion Tank Assembly (Incl. Ref. #7)	1
7	71–1520	Cap – Expansion Tank	1
8	2412–108	Clamp – Hose	1
9	75–2850	Hose – Expansion Tank	1
10	3296–42	Nut – Lock	3
11	2412–93	Clamp – R	1
12	321–2	Screw – Cap Hex. Hd.	1
13	63–7650	Fuel Filter Assembly	1
15	322–4	Screw – Cap Hex. Hd.	3

Ref. No.	Part No.	Description	No. Used
16	13–6259	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	321–6	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	32128–25	Nut – Lock	3
30	66–2330	Base – Battery	1

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

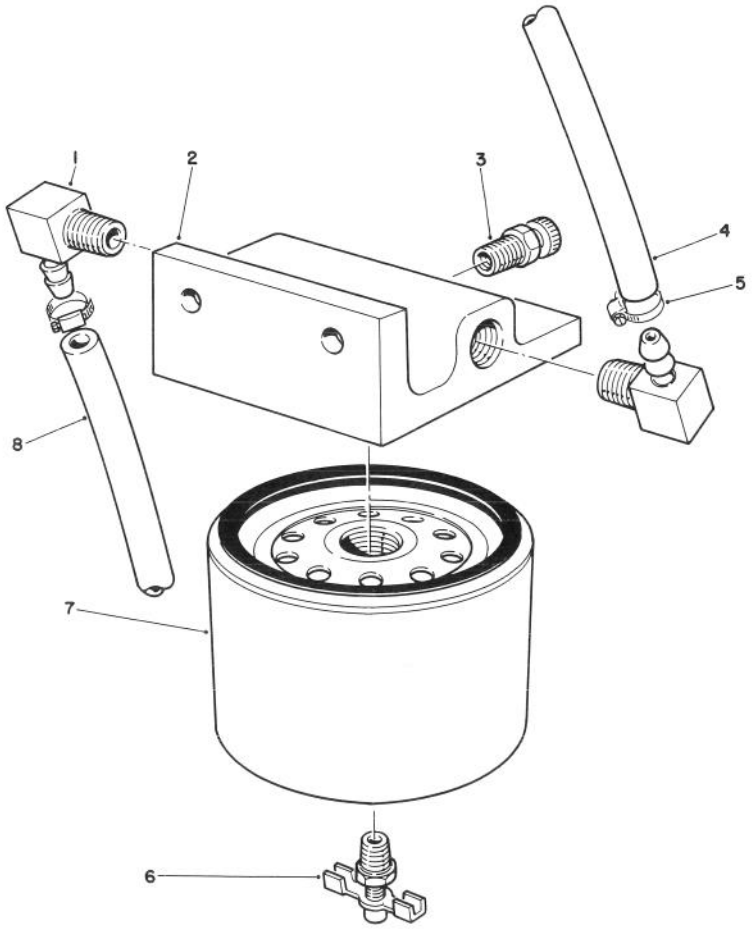


T-0126

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 (Incl. Ref. #5 & 6)	2
8	27-7110	Element Assembly	1
9†		Housing	1
10	62-6300	Sleeve Assembly	1
11	33-1270	Bowl	1
12	33-1260	Cover Assembly	1
*	48-7430	Pre-Cleaner Assembly (Incl. Ref. #10-12)	1
*	48-4220	Air Filter Assembly (Incl. Ref. #1-4, 8-9)	1
*	27-7220	Air Cleaner Soap	1

*Not Illustrated
†Not Serviceable Separately

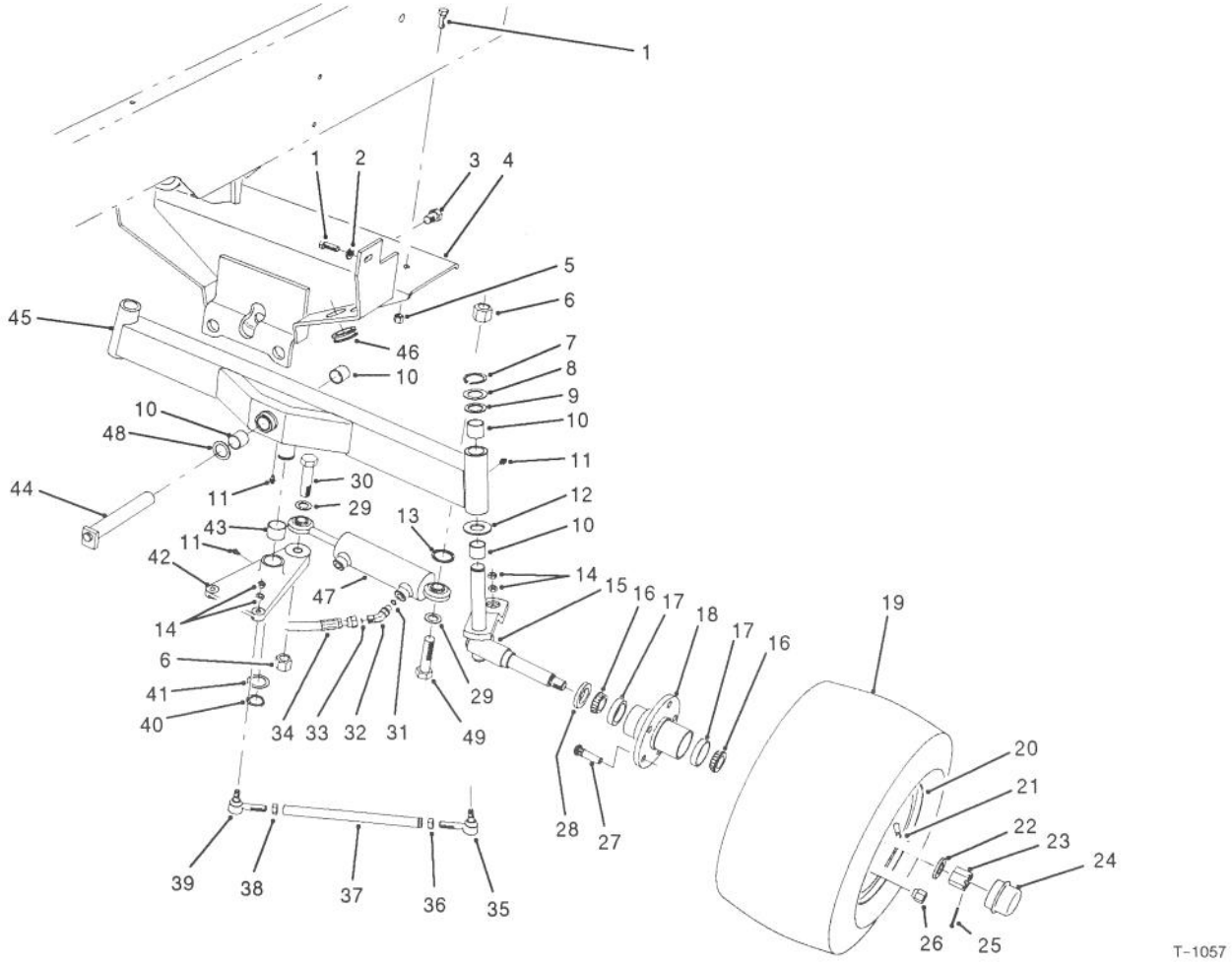


T-1030

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	353-781	Fitting-Elbow	2
2	63-8280	Head-Filter, Fuel (Incl. Ref. #3)	1
3	63-8290	Vent-Air	1
4	63-7620	Hose-Fuel	1
5	2412-108	Clamp-Hose	2
6	63-8310	Valve-Drain	1
7	63-8300	Element-Spin-On (Incl. Ref. #6)	1
8	63-7610	Hose-Fuel	1
*	63-7650	Fuel Filter Assembly (Incl. Ref. #2, 3 & 6-7)	1

*Not Illustrated

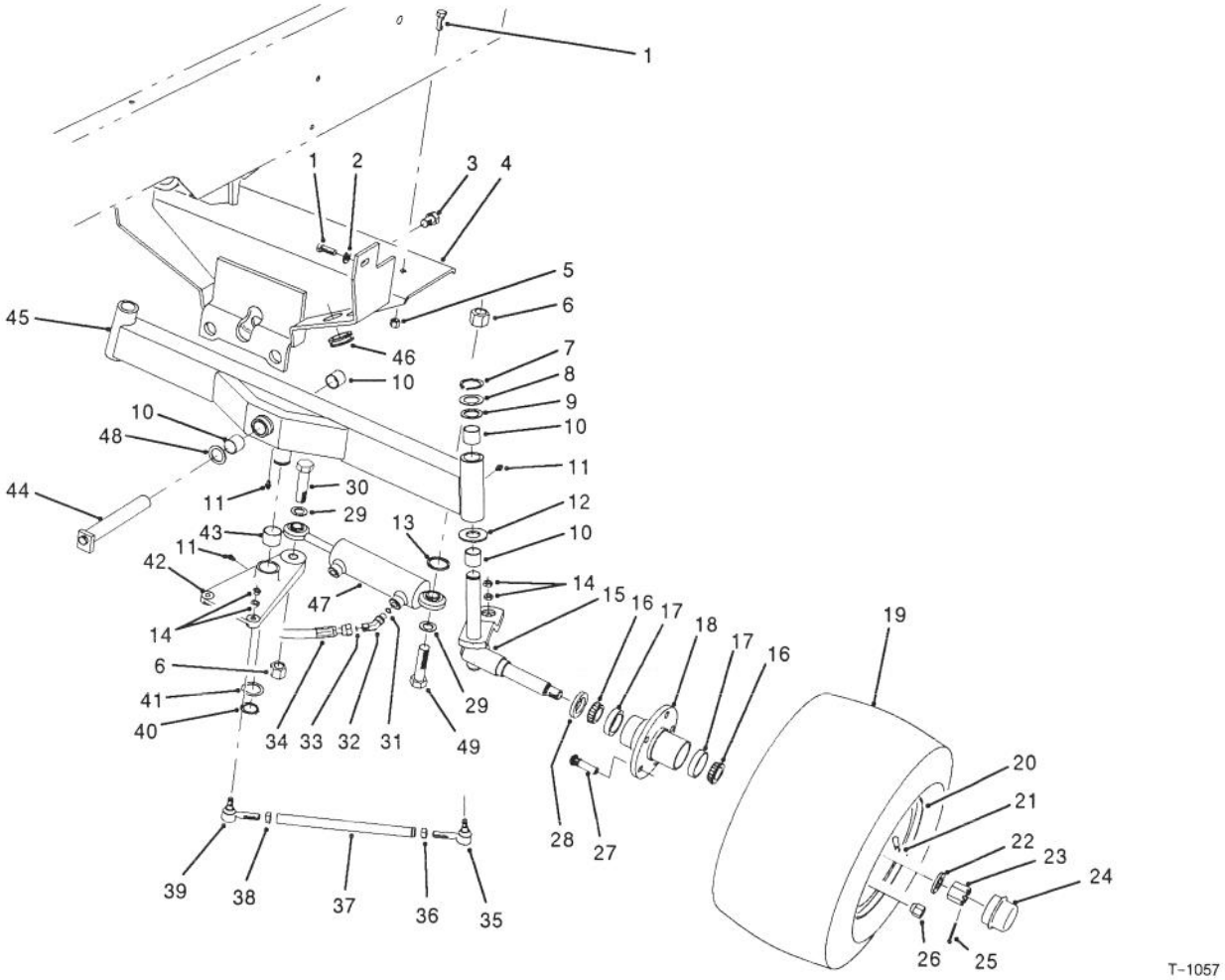


REAR AXLE ASSEMBLY

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	75-1100	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	75-4440	Spindle - Rear L.H.	1
*	75-4420	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	3256-28	Washer - Flat	2

Ref. No.	Part No.	Description	No. Used
23	32136-5	Nut - Slotted	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 (Cap End)	1
*	75-6230	Hose - Hydraulic (Rod End)	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

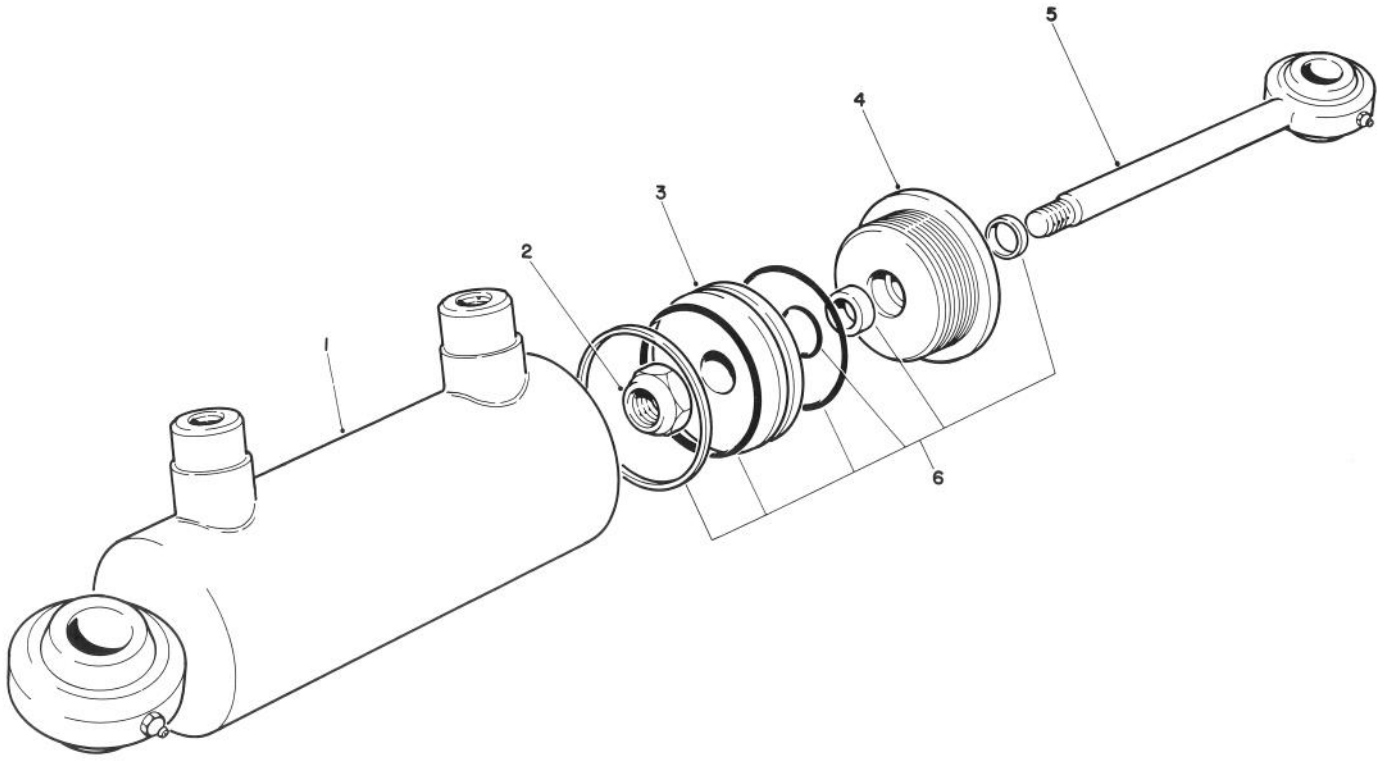
*Not Illustrated



REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
42	75-4410	Pivot Plate Assembly (Incl. Ref. #11 & 43)	1
43	76-2970	Bushing - Sleeve	2
44	75-4180	Pin - Rear Axle Pivot	1
45	75-2900	Rear Axle Assembly (Incl. Ref. #10 & 11)	1

Ref. No.	Part No.	Description	No. Used
46	237-165	Grommet	2
47	75-1200	Hydraulic Cylinder Assembly	1
48	5-1226	Washer - Thrust	2
49	328-27	Screw - Cap Hex. Hd.	1



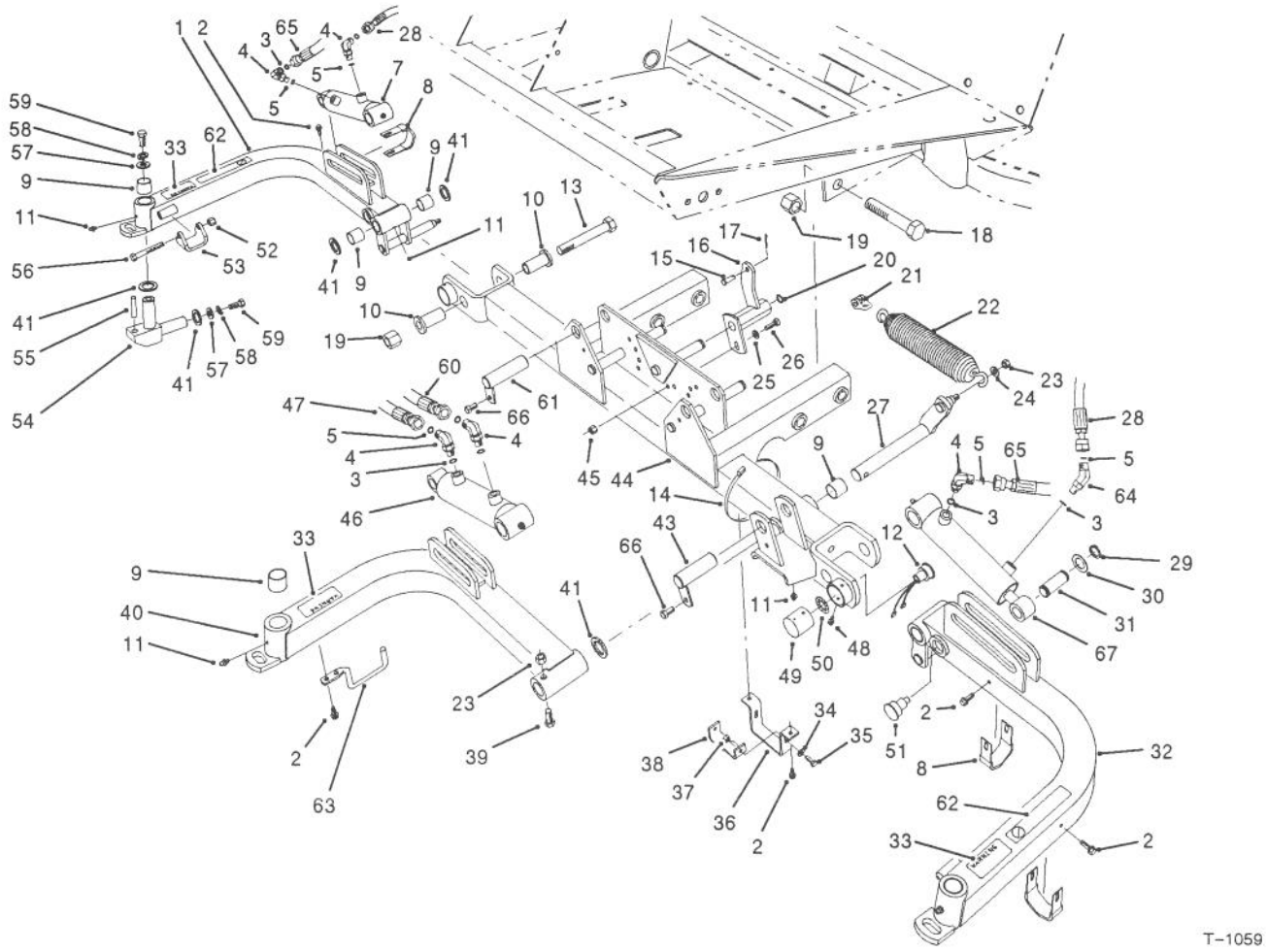
T-0996

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

Ref. No.	Part No.	Description	No. Used
4	75–1260	Head–Internal	1
5	75–1230	Piston Rod Assembly	1
6	75–1250	Seal Kit	1

†Not Serviced Separately



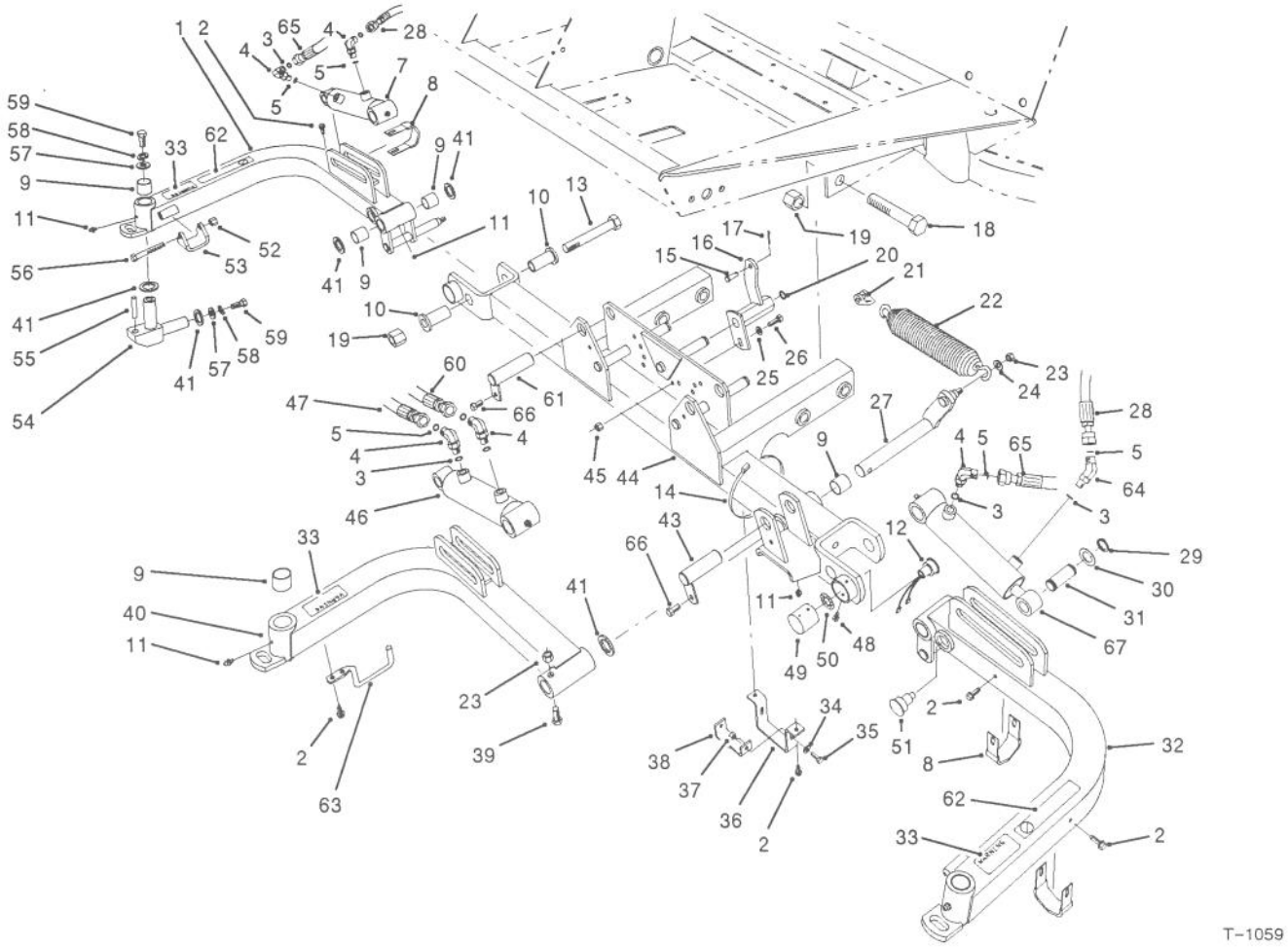
FRONT LIFT ARMS ASSEMBLY

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	10
3	237-78	Seal - O-Ring	6
4	340-132	Fitting - Hydraulic 90° (Incl. Ref. #3 & 5)	5
5	237-21	Seal - O-Ring	6
6	75-5880	Hose - Hydraulic	1
7	83-7480	Hydraulic Cylinder Assembly	1
8	75-5330	Clamp - Hose	3
9	67-1750	Bushing - Sleeve	12
10	84-8320	Insert - Hinge	4
11	302-5	Fitting - Grease	6
12	75-6300	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

Ref. No.	Part No.	Description	No. Used
20	32151-48	Ring - Retaining	3
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 (English)	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	323-10	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 Decal Cross Reference.

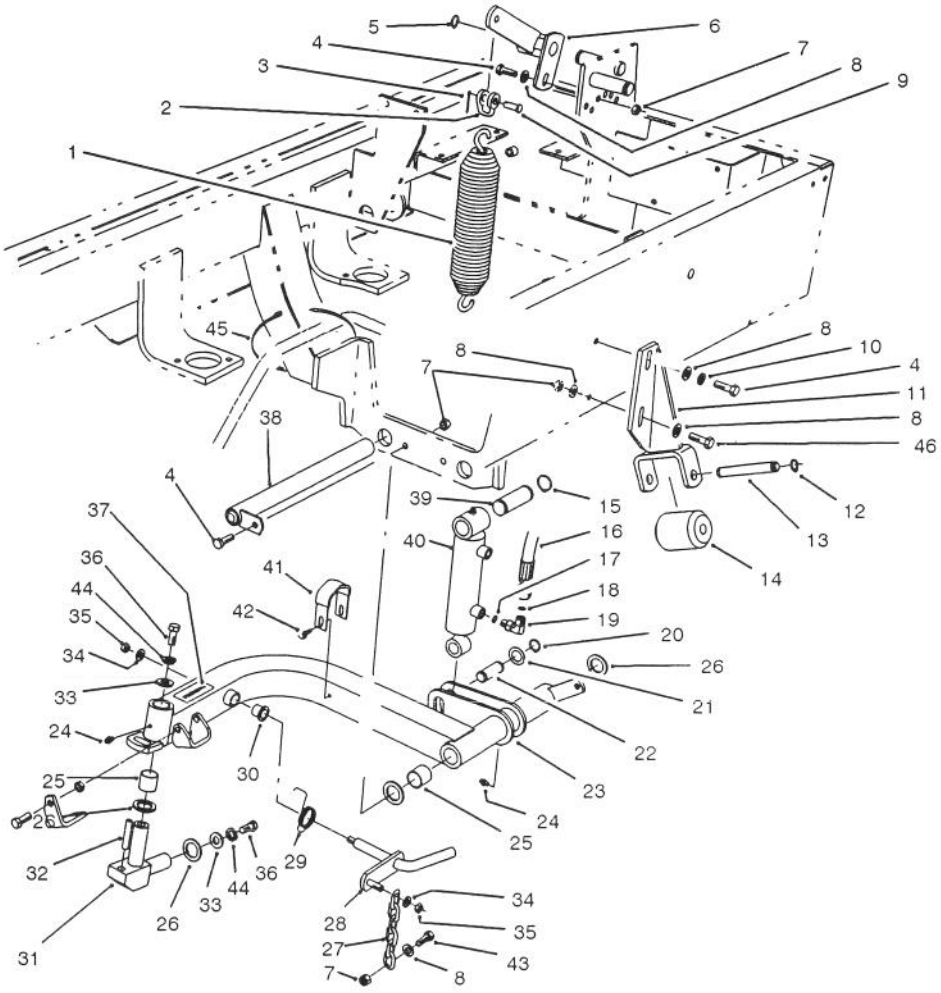


FRONT LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
41	256-115	Washer - Thrust	11
42	32151-36	Ring - Retaining	6
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	85-9880	Hydraulic Cylinder Assembly	1
47	75-5900	Hose - Hydraulic	1
48	32104-76	Screw - Thread Forming	2
49	75-6370	Cover - Sensor	1
50	32151-94	Ring - Retaining	1
51	75-6310	Magnet - Reed Switch	1
52	3296-39	Nut - Lock	2
53	75-5410	Bracket - Arm	2
54	75-3010	Joint - Arm	3

Ref. No.	Part No.	Description	No. Used
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
‡62	36-3400	Decal - No Step (English)	2
63	75-5300	Rod - Hose Support	1
64	340-103	Fitting - Hydraulic 45° (Incl. Ref. #3 & 4)	1
65	82-6490	Hose - Hydraulic	1
66	32144-14	Screw - Self Tapping	3
67	83-7490	Hydraulic Cylinder Assy.	1

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



T–1060

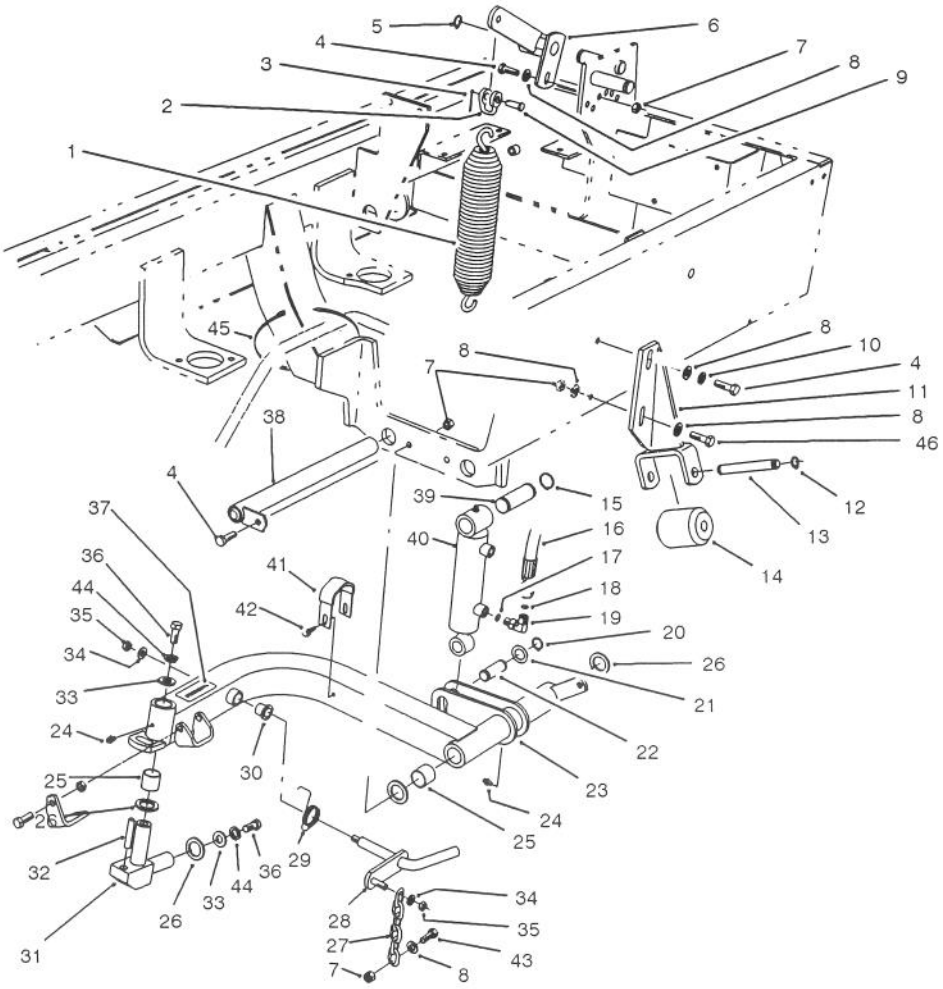
REAR LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	5–0743	Spring – Counterbalance	2
2	282–4	Clevis – Spring	2
3	3272–10	Pin – Cotter	2
4	322–5	Screw – Cap Hex. Hd.	6
5	32151–48	Ring – Retaining	2
6	75–4690	Bracket – Spring Rear R.H.	1
*	75–4650	Bracket – Spring Rear L.H.	1
7	3296–29	Nut – Lock	6
8	3256–23	Washer – Flat	10
9	283–6	Pin – Clevis	2
10	3253–4	Washer – Lock	2
11	75–3810	Bracket – Roller	2
12	32151–61	Ring – Retaining	4
13	75–5400	Shaft – Roller	2
14	75–5390	Roller	2
15	32151–36	Ring – Retaining	4
16	75–6180	Hose – Hydraulic R.H.	2
*	75–6070	Hose – Hydraulic L.H. (Cap)	1
*	75–6080	Hose – Hydraulic L.H. (Rod)	1
17	237–78	Seal – O–Ring	4
18	237–21	Seal – O–Ring	4
19	340–132	Fitting – Hydraulic 90° (Incl. Ref. #17 & 18)	4

Ref. No.	Part No.	Description	No. Used
20	32120–93	Ring – Retaining	4
21	3–6498	Washer – Thrust	4
22	75–5350	Pin – Cylinder Rod End	2
23	75–5440	Lift Arm Assy. Rear R.H. (Incl. Ref. #24, 25 & 30)	1
*	75–5430	Lift Arm Assy. Rear L.H. (Incl. Ref. #24, 25 & 30)	1
24	302–5	Fitting – Grease	4
25	67–1750	Bushing – Sleeve	8
26	256–115	Washer – Thrust	6
27	5–1096	Chain – Cutting Unit	2
28	75–4590	Rod – Pivot	2
29	75–4520	Spring – Torsion R.H.	1
*	75–4530	Spring – Torsion L.H.	1
30	256–287	Bushing – Flange	4
31	75–3010	Joint – Arm	2
32	32121–122	Pin – Roll	2
33	3256–6	Washer – Flat	4
34	3256–24	Washer – Flat	4
35	3296–39	Nut – Lock	4
36	325–4	Screw – Cap Hex. Hd.	4
‡37	55–4300	Decal – Warning (English)	2
38	75–3750	Pin – Pivot	2

*Not Illustrated

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

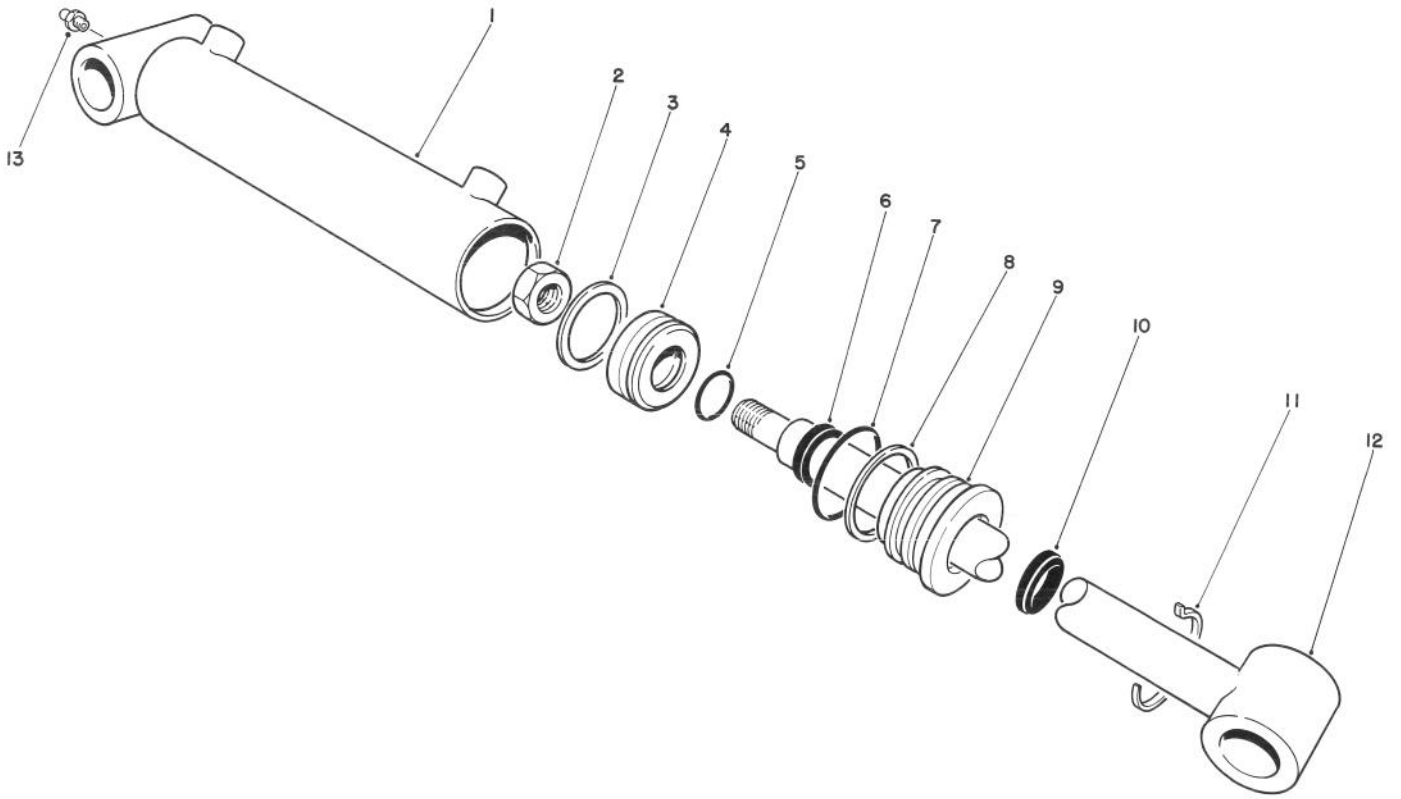


T–1060

REAR LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
39	75–5360	Pin – Cylinder Cap End	2
40	85–9880	Hydraulic Cylinder Assy.	2
41	49–2040	Screw – Thread Forming	4
42	75–5330	Clamp – Hydraulic Line	2

Ref. No.	Part No.	Description	No. Used
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.	2

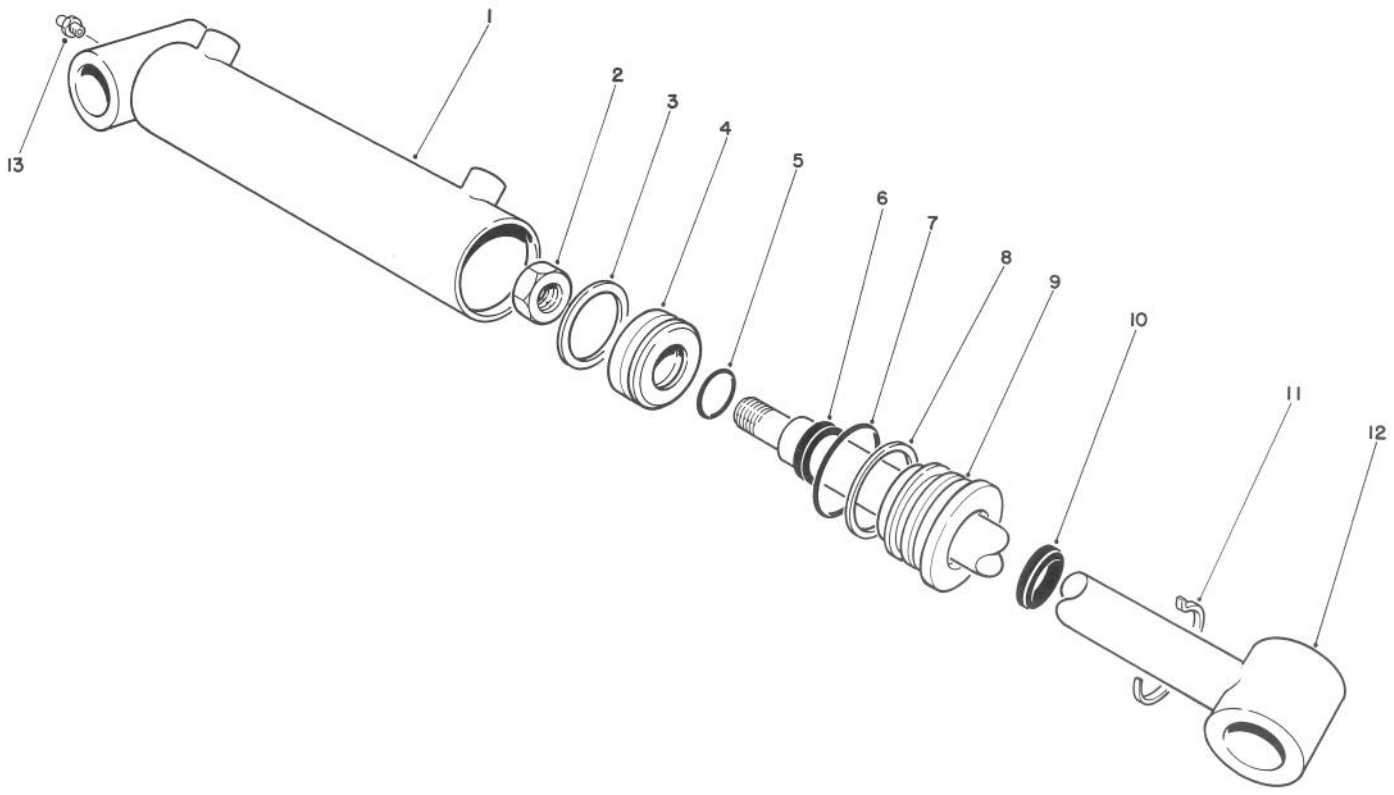


T-1032

HYDRAULIC CYLINDER NO. 85-9880

Ref. No.	Part No.	Description	No. Used
†1		Barrel W.A.	1
2	32152-10	Nut	1
†3		Uni-ring	1
4	70-2780	Piston	1
†5		Seal - O-Ring	1
†6		Seal-Rod	1
†7		Seal - O-Ring	1
†8		Backup	1
9	84-1670	Head	1
†10		Seal-Dust	1
11	84-1680	Ring-Retaining	1
12	75-3790	Clevis W.A.	1
13	302-5	Fitting - Grease	1
*	86-7330	Seal repair Kit (Incl. Ref. #3, 5-8 & 10)	1

*Not Illustrated
†Not Serviced Separately



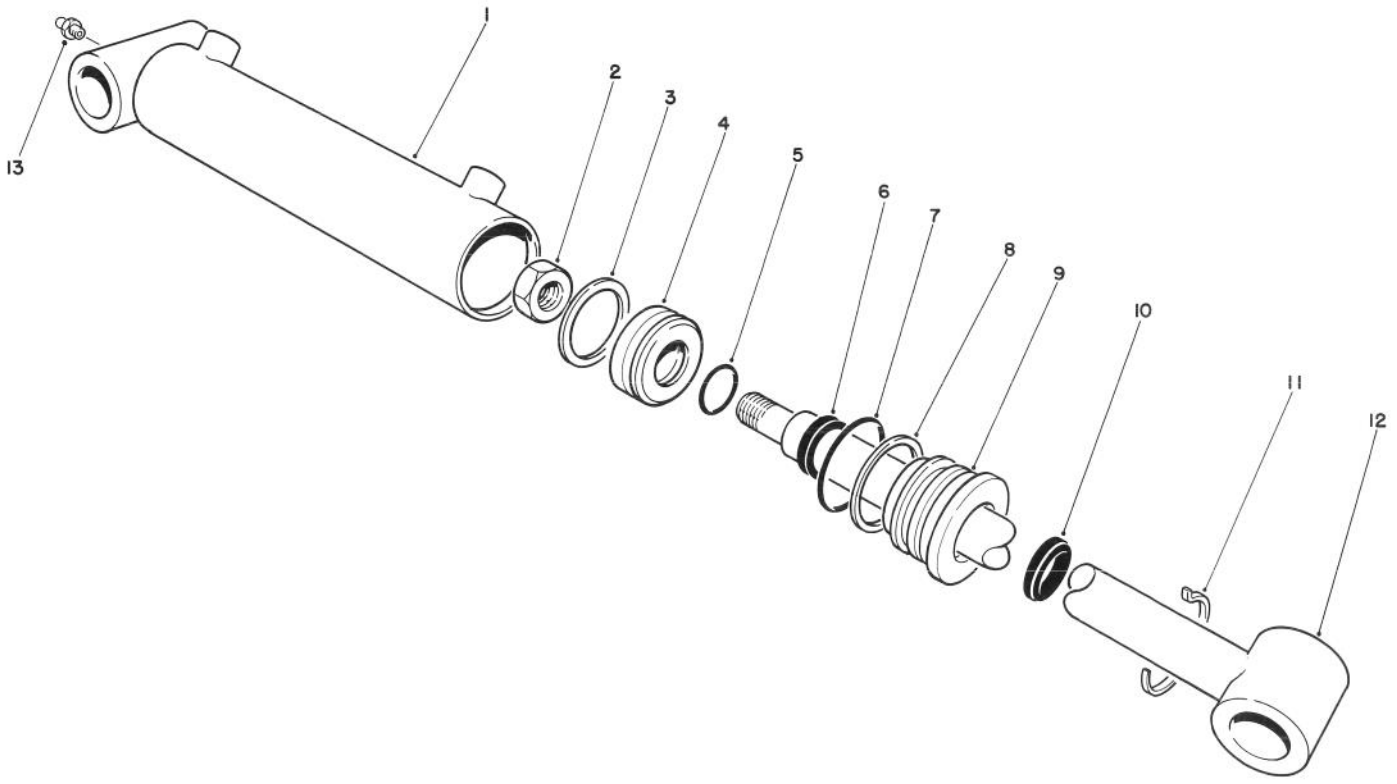
T-1032

HYDRAULIC CYLINDER NO. 83-7480

Ref. No.	Part No.	Description	No. Used
†1		Barrel W.A.	1
2	32152-10	Nut	1
†3		Uni-ring	1
4	84-1710	Piston	1
†5		O-Ring	1
†6		Seal-Rod	1
†7		O-Ring	1
†8		Backup	1

Ref. No.	Part No.	Description	No. Used
9	84-1720	Head	1
†10		Seal-Dust	1
11	84-1730	Ring-Retaining	1
12	84-1740	Clevis W.A.	1
13	302-5	Fitting - Grease	1
*	84-1760	Seal repair Kit (Incl. Ref. #3, 5-8 & 10)	1

*Not Illustrated
†Not Serviced Separately



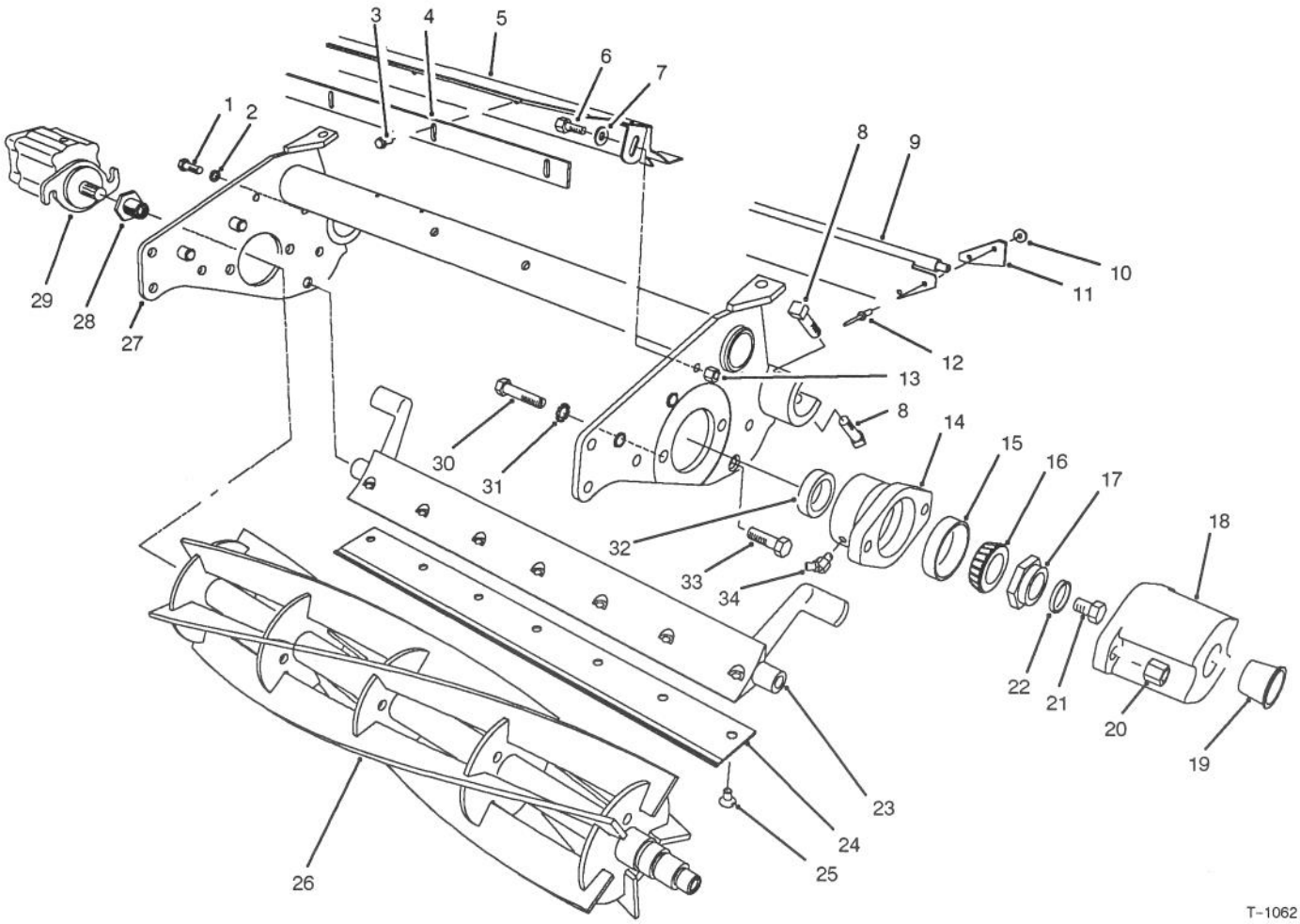
T-1032

HYDRAULIC CYLINDER NO. 83-7490

Ref. No.	Part No.	Description	No. Used
†1		Barrel W.A.	1
2	32152-10	Nut	1
†3		Uni-ring	1
4	70-2780	Piston	1
†5		O-Ring	1
†6		Seal-Rod	1
†7		O-Ring	1
†8		Backup	1

Ref. No.	Part No.	Description	No. Used
9	84-1670	Head	1
†10		Seal-Dust	1
11	84-1680	Ring-Retaining	1
12	75-2120	Clevis W.A.	1
13	302-5	Fitting - Grease	1
*	86-7330	Seal Repair Kit (Incl. Ref. #3, 5-8 & 10)	1

*Not Illustrated
†Not Serviced Separately

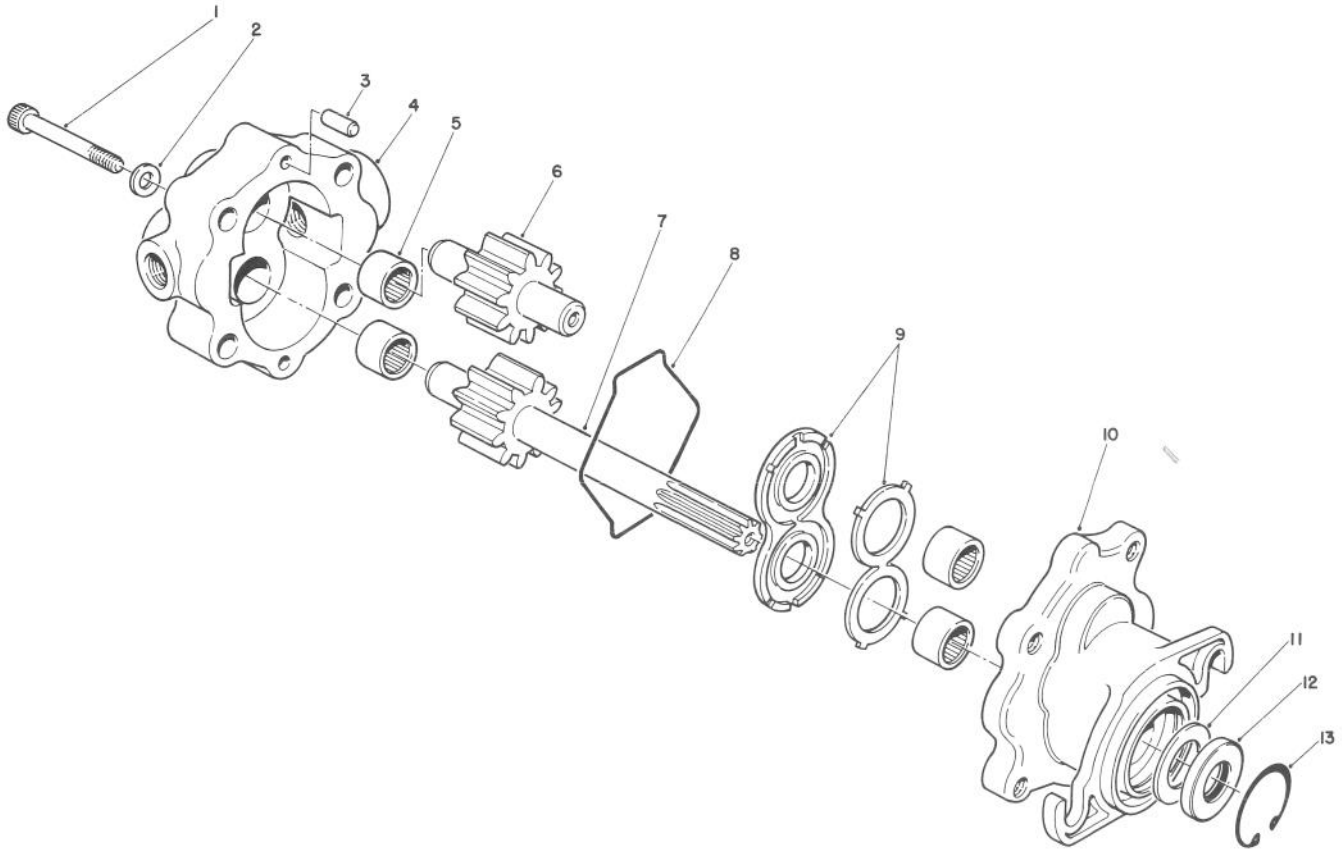


REEL ASSEMBLY
(5 & 8 Blade Cutting Units)

Ref. No.	Part No.	Description	No. Used
1	322-5	Screw - Cap Hex. Hd.	1
2	3253-4	Washer - Lock	1
3	32144-73	Screw - Self Tapping	5
4	36-7260	Bar - Cutoff	1
5	75-1840	Shield - Grass	1
6	321-4	Screw - Cap Hex. Hd.	2
7	3256-1	Washer - Flat	2
8	3243-13	Screw - Sq. Hd. Set	4
9	75-1560	Deflector - Rear	1
10	3256-49	Washer - Flat	4
11	75-1720	Flap - Rear Shield	2
12	3290-409	Rivet - Pop	4
13	3296-42	Nut - Lock	2
14	10-5120	Housing - Bearing	2
15	254-72	Cup - Bearing	2
16	254-94	Cone - Bearing	2
17	3296-60	Nut - Reel	1
18	10-5080	Cap - End	1
19	12-0460	Plug - Hole	1

Ref. No.	Part No.	Description	No. Used
20	3296-39	Nut - Lock L.H.	2
*	32128-36	Nut - Flange Lock R.H.	2
21	323-2	Screw - Cap Hex. Hd. L.H.	1
22	253-61	Seal - Oil	1
23	10-4930	Bedbar	1
24	63-8610	Bedknife	1
25	57-4910	Screw - Bedknife	7
26	14-0659	Reel - 5 Blade	1
*	14-0649	Reel - 8 Blade	1
27	75-6660	Frame - Cutting Unit	1
28	77-0340	Screw - Spline	1
29	75-1400	Reel Motor Assembly	1
30	57-3210	Screw - Special	4
31	3255-9	Washer - E.T.L.W.	4
32	253-96	Seal - Oil	2
33	217-74	Bolt - Bedbar	2
34	302-60	Fitting - Grease L.H. 90°	1
*	302-11	Fitting - Grease R.H. 45°	1

*Not Illustrated



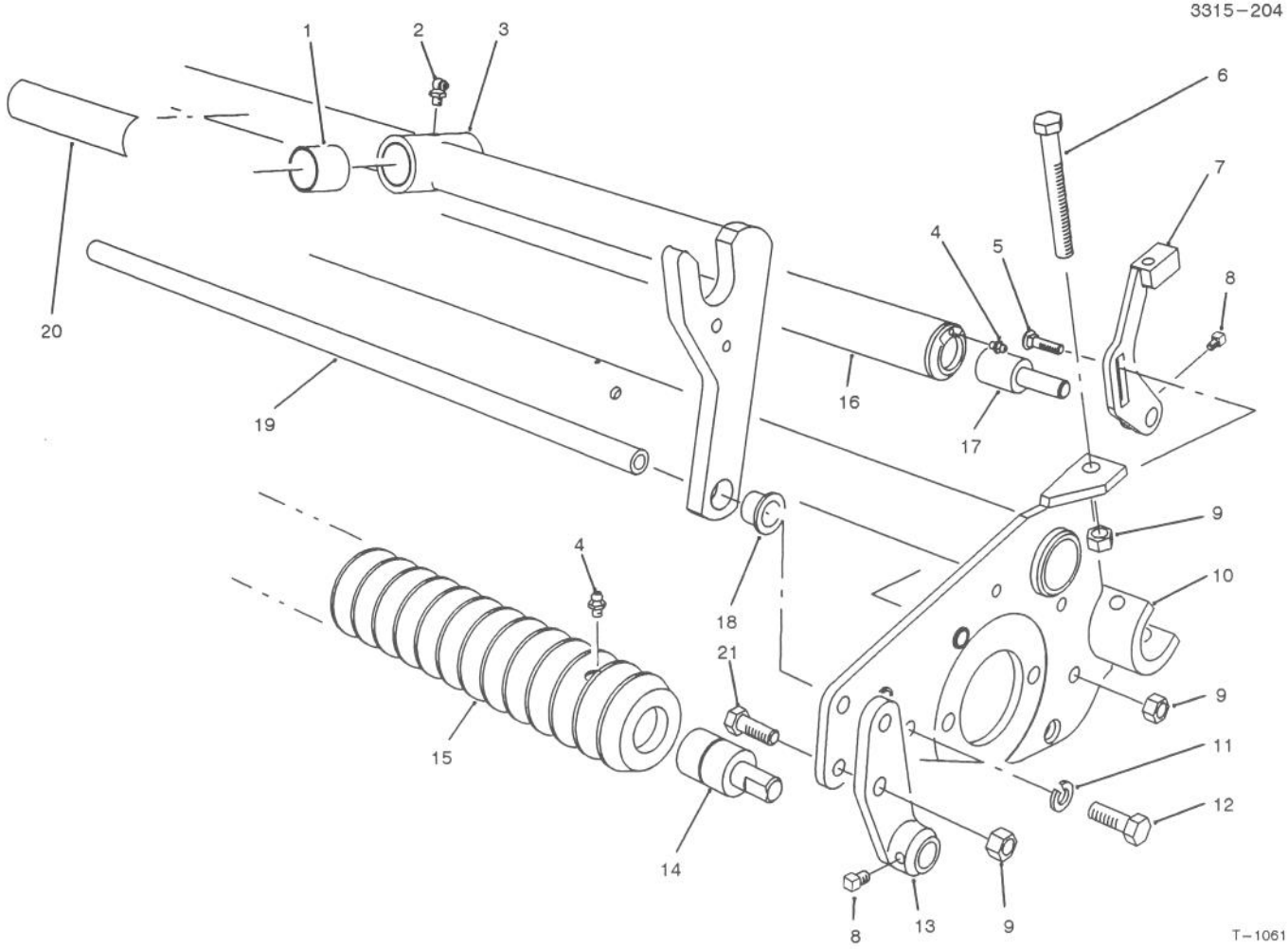
T-1009

REEL MOTOR ASSEMBLY NO. 75-1400

Ref. No.	Part No.	Description	No. Used
1	354-50	Screw-Hex Socket Hd.	4
2	354-51	Washer	4
3	353-599	Pin-Dowel	2
4	354-47	Cover Assy.	
		(Incl. Ref. #5)	1
†5		Bearing-Needle	4
6	354-45	Idler Gear Assembly	1
7	354-49	Drive Shaft Assembly	1
8	354-46	Ring-Seal	1
†9		Plate Assembly-Load	1

Ref. No.	Part No.	Description	No. Used
10	354-44	Body Assy.	
		(Incl. Ref. #5)	1
†11		Spacer	1
†12		Seal-Shaft	1
13	32151-41	Ring-Retaining	1
*	72-4380	Seal Kit	
		(Incl. Ref. #11-13)	1
*	75-1270	Repair Kit	
		(Incl. Ref. #8, & 11-13)	1

*Not Illustrated
†Not Serviced Separately

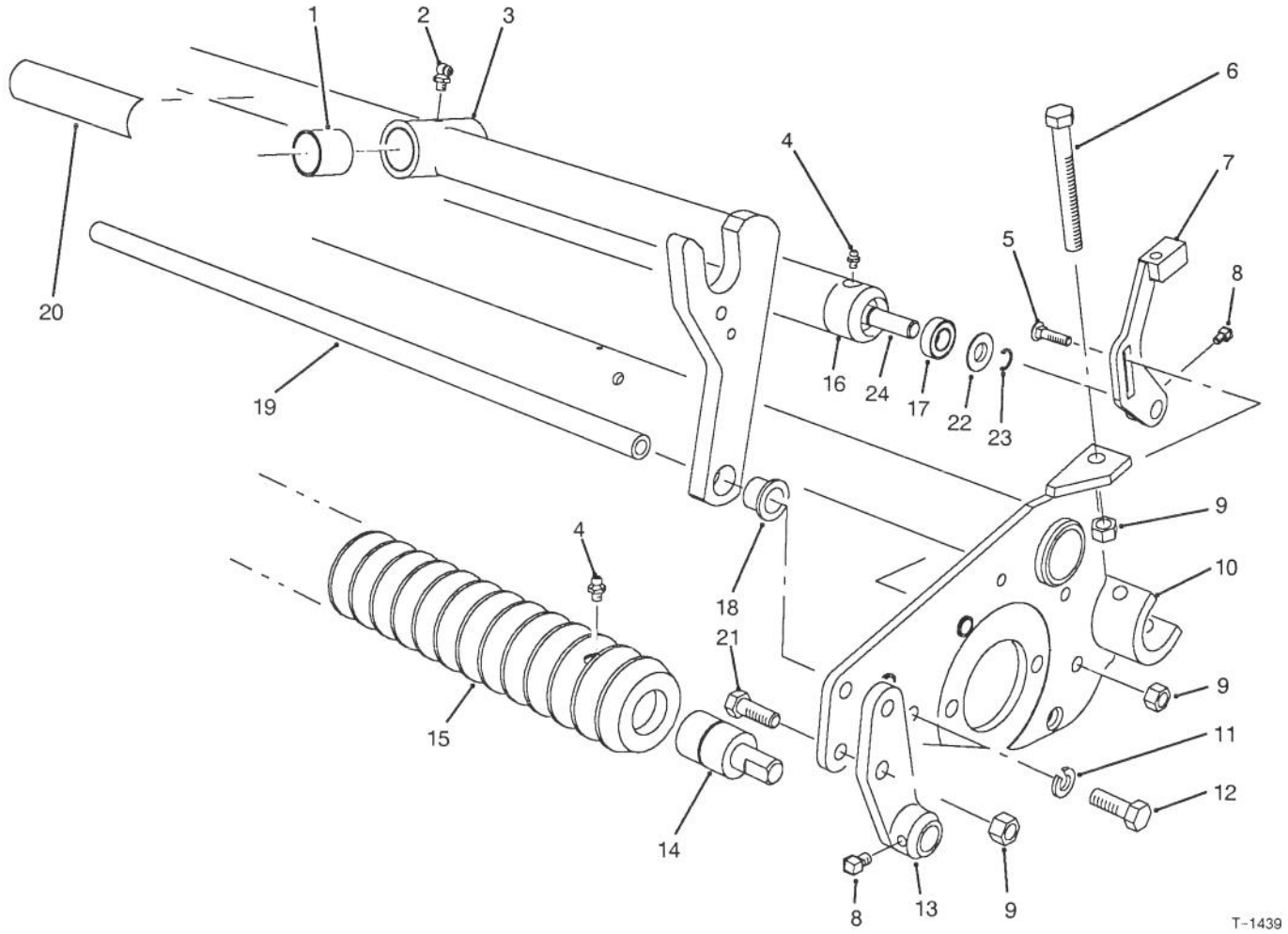


ROLLER ASSEMBLY
(5 Blade Cutting Unit Serial No. 20001 thru 20555)
(8 Blade Cutting Unit Serial No. 20001 thru 21322)

Ref. No.	Part No.	Description	No. Used
1	67–1750	Bushing – Sleeve	2
2	302–60	Fitting – Grease	1
3	75–1600	Carrier Frame Assembly (Incl. Ref. #1, 2 & 18)	1
4	302–5	Fitting – Grease	4
5	3231–2	Bolt – Carriage	2
6	323–49	Screw – Cap Hex. Hd.	2
7	75–1620	Bracket – HOC Rear L.H.	1
*	75–1610	Bracket – HOC Rear R.H.	1
8	3242–1	Screw – Sq. Hd. Set	4
9	3296–39	Nut – Lock	8
10	75–6660	Cutting Unit Frame Assy. (Incl. Ref. #11, 12 & 19)	1
11	3253–21	Washer – Lock	2
12	323–6	Screw – Cap Hex. Hd.	2
13	75–1980	Bracket – HOC Front L.H.	1
*	75–1960	Bracket – HOC Front R.H.	1
14	75–1290	Bearing Assembly	2
15	75–1520	Wiehle Roller Assembly (Incl. Ref. #4 & 12)	1
16	85–7220	Rear Roller Assembly (Incl. Ref. #4 & 17)	1
17	21–8430	Bearing Assembly	2
18	75–2160	Bearing – Flange	2
19	75–1710	Support – Cutting Unit	1
‡20	67–7960	Decal – Warning (English)	1
21	323–7	Screw – Cap Hex. Hd.	4

*Not Illustrated

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



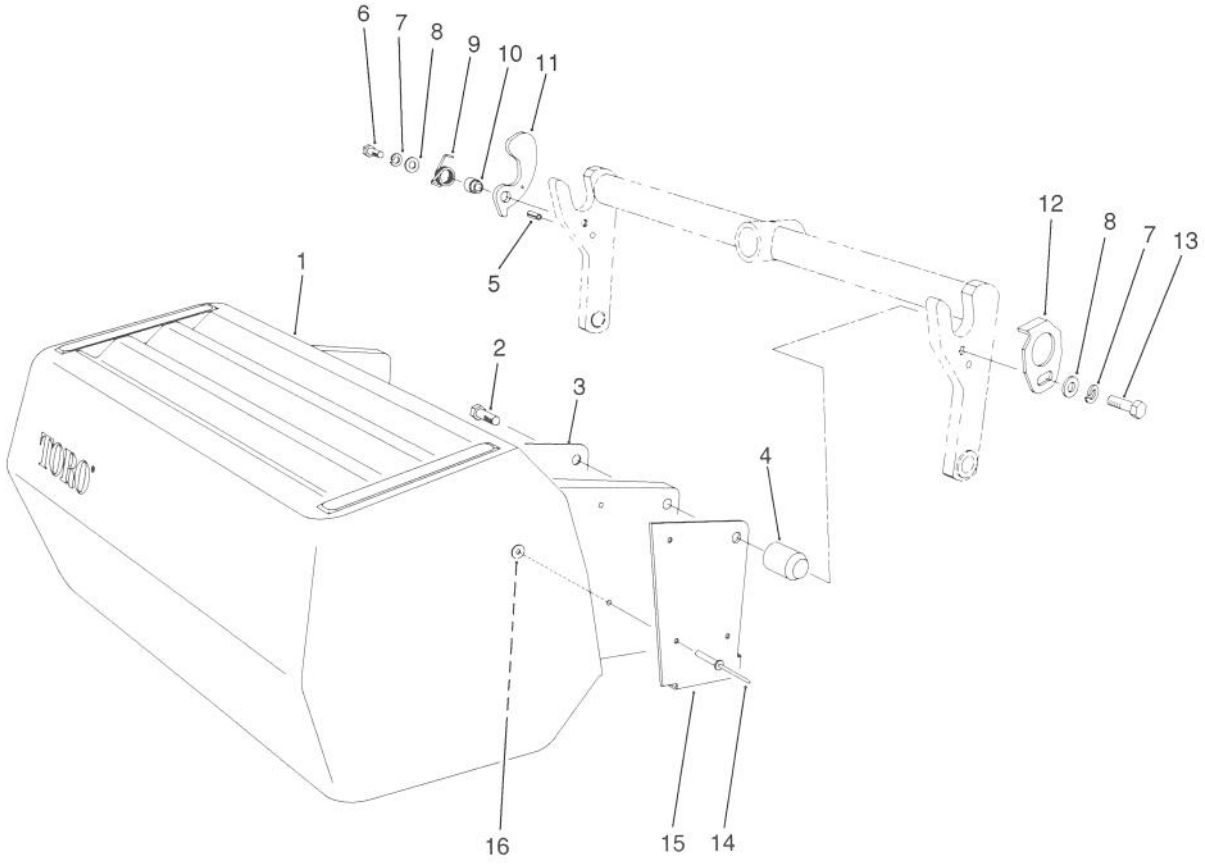
ROLLER ASSEMBLY
(5 Blade Cutting Unit Serial No. 20556 & Up)
(8 Blade Cutting Unit Serial No. 21323 & Up)

Ref. No.	Part No.	Description	No. Used
1	67-1750	Bushing - Sleeve	2
2	302-60	Fitting - Grease	1
3	75-1600	Carrier Frame Assembly (Incl. Ref. #1, 2 & 18)	1
4	302-5	Fitting - Grease	4
5	3231-2	Bolt - Carriage	2
6	323-49	Screw - Cap Hex. Hd.	2
7	75-1620	Bracket - HOC Rear L.H.	1
*	75-1610	Bracket - HOC Rear R.H.	1
8	3242-1	Screw - Sq. Hd. Set	4
9	3296-39	Nut - Lock	8
10	75-6660	Cutting Unit Frame Assy. (Incl. Ref. #11, 12 & 19)	1
11	3253-21	Washer - Lock	2
12	323-6	Screw - Cap Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
13	75-1980	Bracket - HOC Front L.H.	1
*	75-1960	Bracket - HOC Front R.H.	1
14	75-1290	Bearing Assembly	2
15	75-1520	Wiehle Roller Assembly (Incl. Ref. #4 & 12)	1
16	85-7220	Rear Roller Assembly (Incl. Ref. #4, 17 & 22-24)	1
17	85-9970	Bearing Assembly	2
18	75-2160	Bearing - Flange	2
19	75-1710	Support - Cutting Unit	1
‡20	67-7960	Decal - Warning (English)	1
21	323-7	Screw - Cap Hex. Hd.	4
22	85-7190	Washer - Shield	2
23	32151-12	Ring - Retaining	2
24	85-7180	Shaft - Roller	1

*Not Illustrated

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



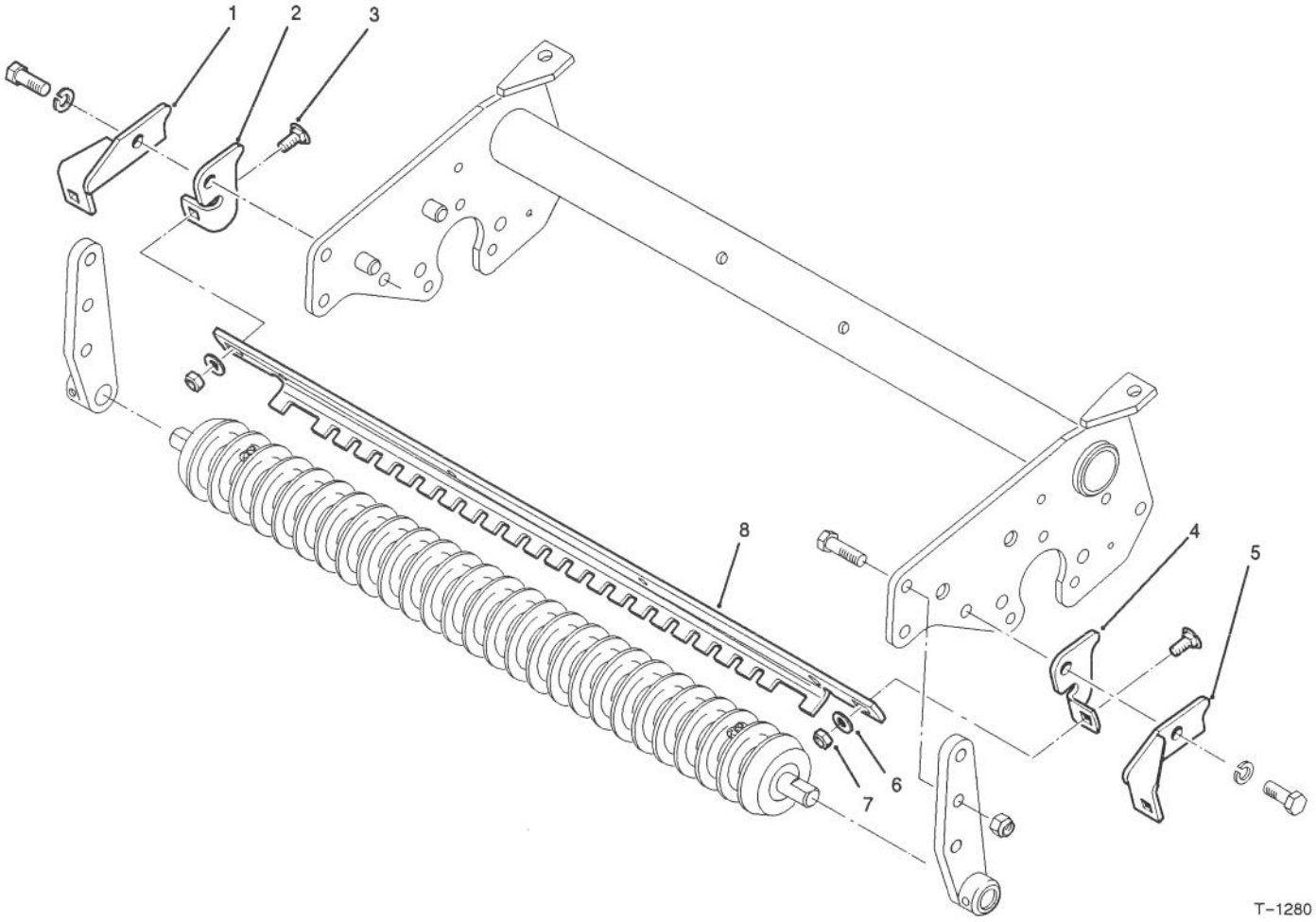
T-1063

GRASS BASKET ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-4010	Basket - Grass	1
2	323-6	Screw - Cap Hex. Hd.	2
3	75-4030	Support - Basket Inner L.H.	1
*	75-4020	Support - Basket Inner R.H.	1
4	75-3930	Pin - Basket	2
5	32121-11	Pin - Roll	1
6	322-6	Screw - Cap Hex. Hd.	1
7	3253-4	Washer - Lock	2
8	3256-71	Washer - Flat	2

Ref. No.	Part No.	Description	No. Used
9	75-3970	Spring - Torsion R.H.	1
*	75-3960	Spring - Torsion L.H.	1
10	75-3940	Collar - Basket	1
11	75-3950	Bracket - Basket	1
12	75-3920	Guide - Basket	1
13	322-1	Screw - Cap Hex. Hd.	1
14	3269-28	Rivet - Pop	10
15	75-4040	Support - Basket Outer L.H.	1
*	75-4050	Support - Basket Outer R.H.	1
16	3256-49	Washer - Flat	10

*Not Illustrated
Note: Front left, center, and rear right assemblies shown.

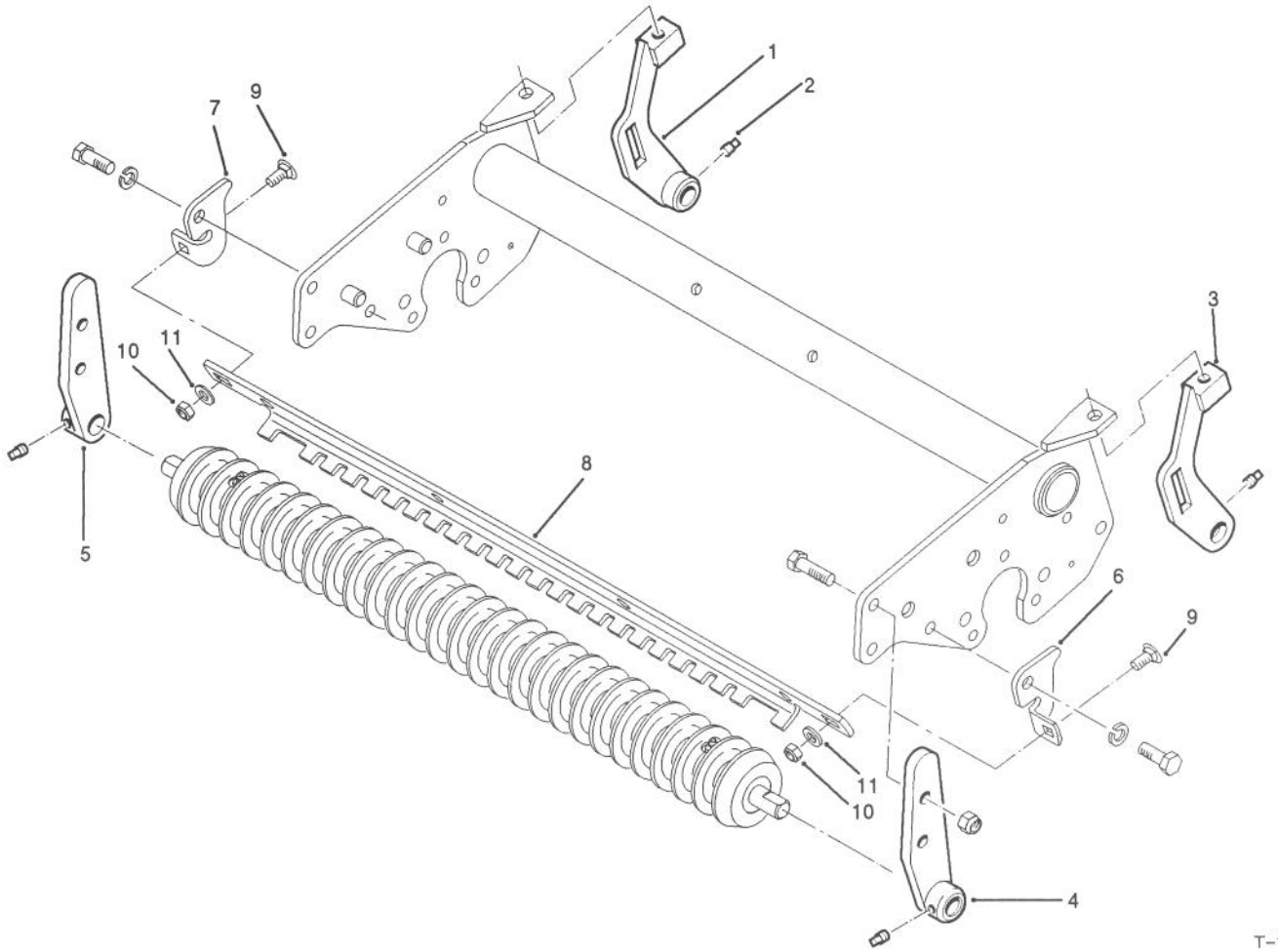


FRONT ROLLER SCRAPER KIT NO. 83-5400 (Optional)

Ref. No.	Part No.	Description	No. Used
1	83-6950	Bracket - Scraper R.H.	1
2	83-6930	Bracket - Scraper R.H.	1
3	3230-1	Bolt - Carriage	2
4	83-6940	Bracket - Scraper L.H.	1

Ref. No.	Part No.	Description	No. Used
5	83-6980	Bracket - Scraper L.H.	1
6	3256-23	Washer - Flat	2
7	3296-29	Nut - Lock	2
8	82-6830	Bracket - Scraper	1

NOTE: Quantities listed per cutting unit.



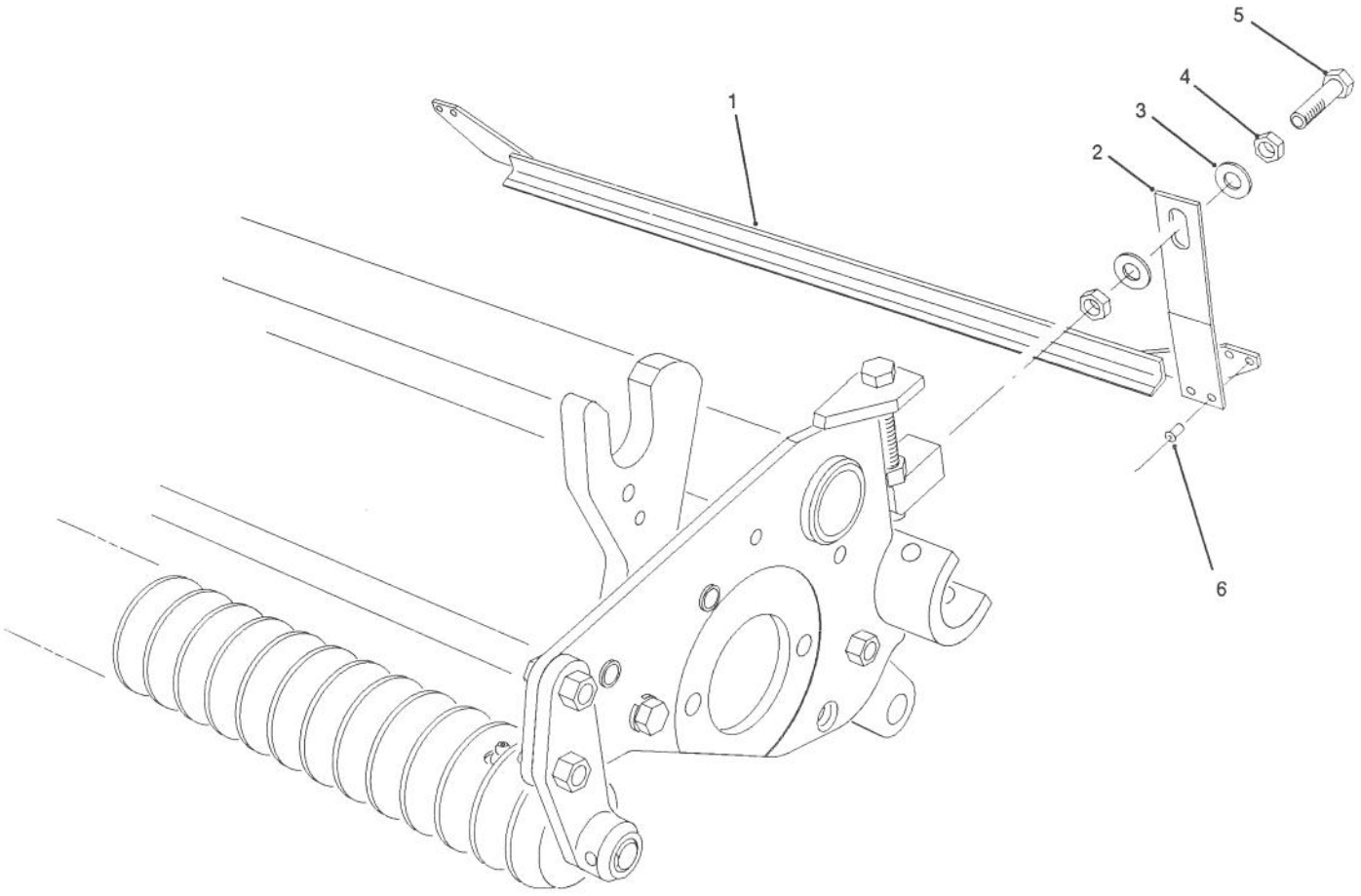
T-1308

HIGH HEIGHT–OF–CUT KIT NO. 83–5300 (Optional)

Ref. No.	Part No.	Description	No. Used
1	83–5210	H.O.C. – Right Rear	5
2	3242–1	Screw – Set Sq. Hd.	20
3	83–5230	H.O.C. – Left Rear	5
4	83–5250	Support – Front L.H.	5
5	83–5240	Support – Front R.H.	5
*6	83–4880	Bracket – High Scraper L.H.	5

Ref. No.	Part No.	Description	No. Used
*7	83–4870	Bracket – High Scraper R.H.	5
*8	82–6830	Bracket – Scraper	5
*9	3230–1	Bolt – Carriage	10
*10	3296–29	Nut – Lock	10
*11	3256–23	Washer – Flat	10

*Not Included with Kit. These parts are required to install a front roller scraper when using the High Height–of–Cut Kit.



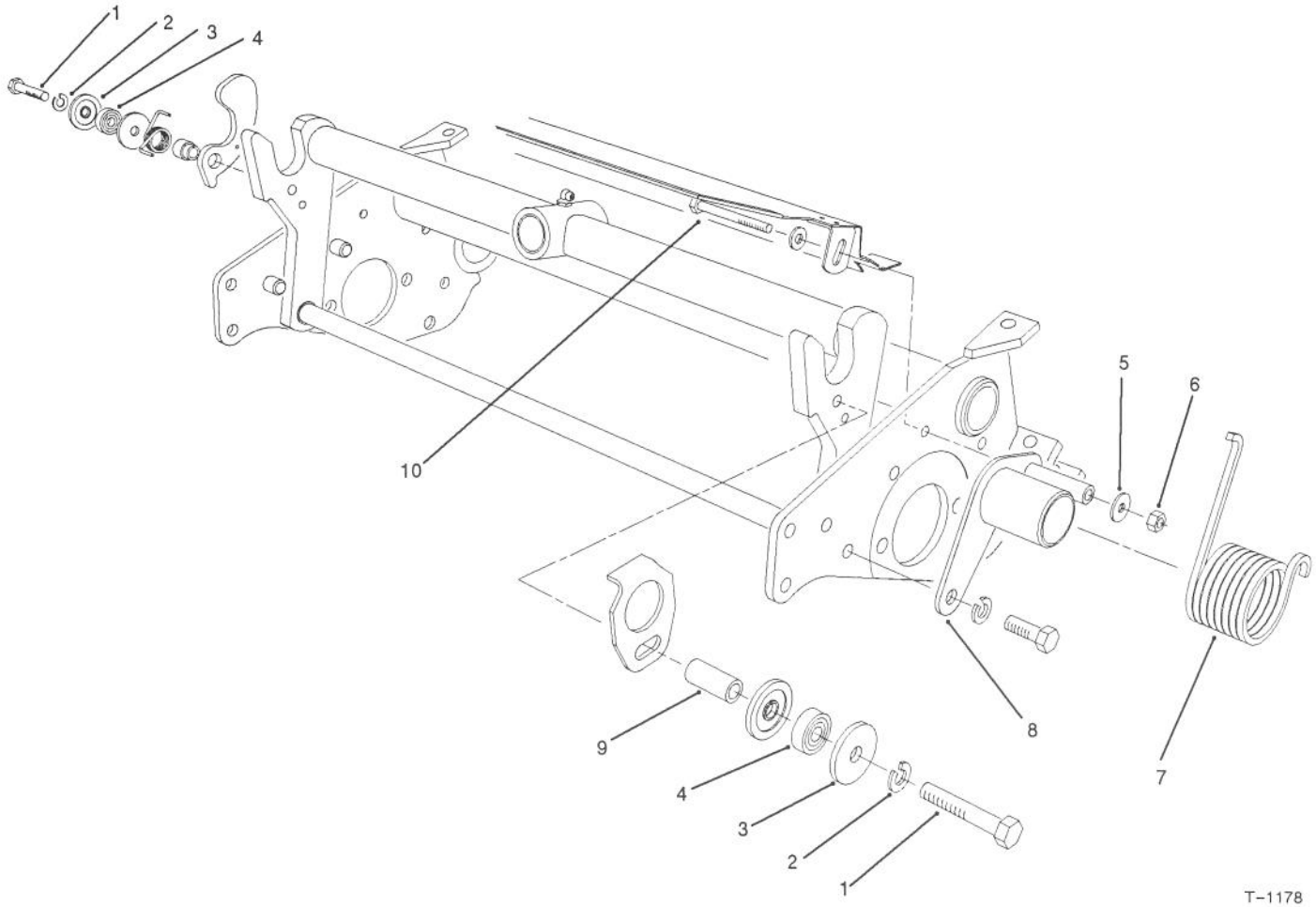
T-1096

ROLLER SCRAPER KIT MODEL NO. 03512 (Optional)

Ref. No.	Part No.	Description	No. Used
1	75-1750	Scraper - Roller	1
2	75-1740	Spring - Scraper	2
3	3256-24	Washer - Flat	4

Ref. No.	Part No.	Description	No. Used
4	3218-3	Nut - Jam	4
5	323-50	Screw - Cap Hex. Hd.	2
6	3269-3	Rivet - Pop	4

NOTE: Quantities listed per cutting unit.
*Not Illustrated



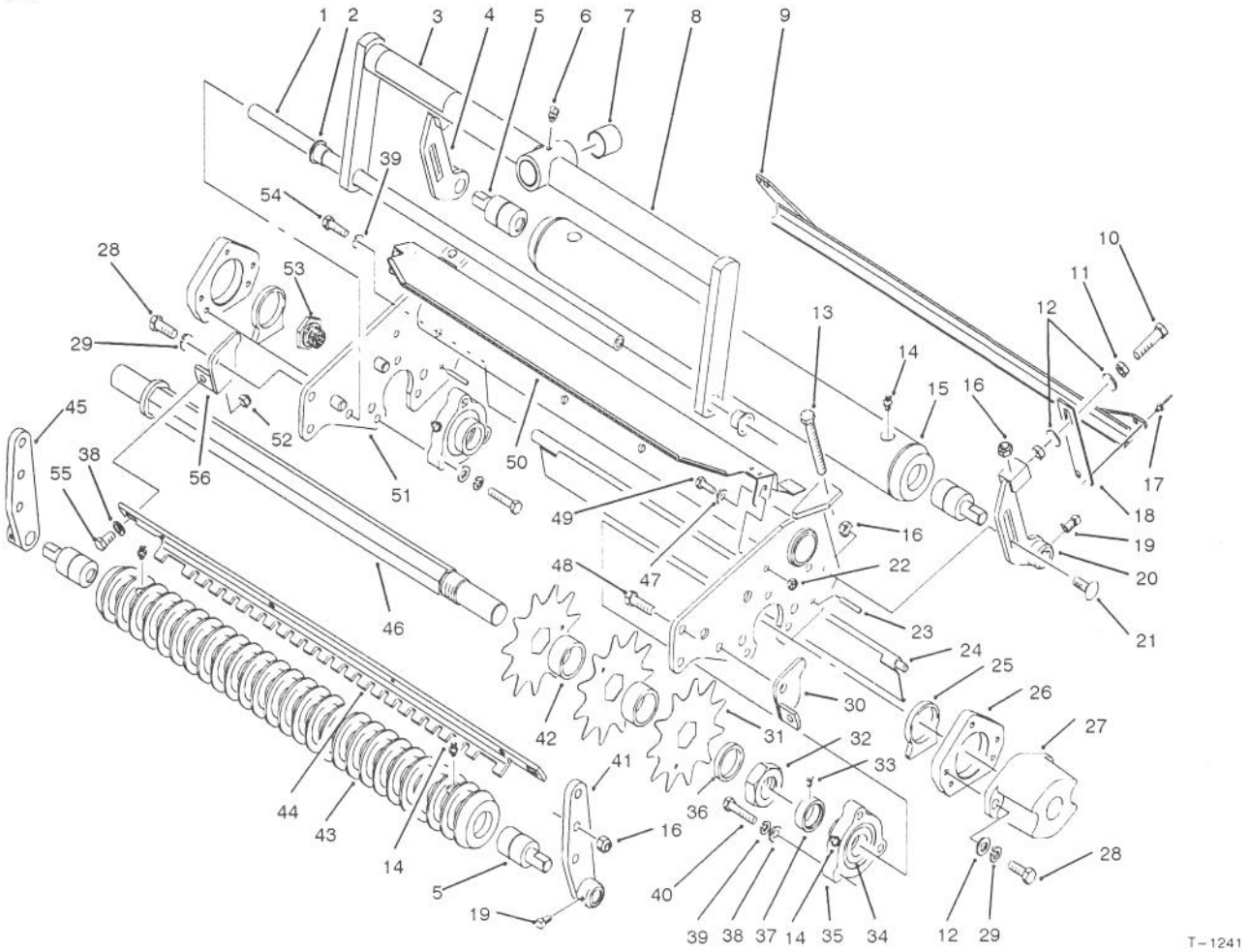
T-1178

TURF COMPENSATION KIT MODEL NO. 03510 (Optional)

Ref. No.	Part No.	Description	No. Used
1	322-9	Screw - Cap Hex. Hd.	10
2	3253-4	Washer - Lock	10
3	82-6890	Washer - Special	20
4	251-259	Bearing	10
5	3256-78	Washer - Flat	10
6	3296-42	Nut - Lock	10

Ref. No.	Part No.	Description	No. Used
7	83-4730	Spring - Torsion L.H.	5
*	83-4720	Spring - Torsion R.H.	5
8	83-4710	Plate - Spring L.H.	5
*	83-4700	Plate - Spring R.H.	5
9	82-6840	Spacer	10
10	321-23	Screw - Cap Hex. Hd.	10

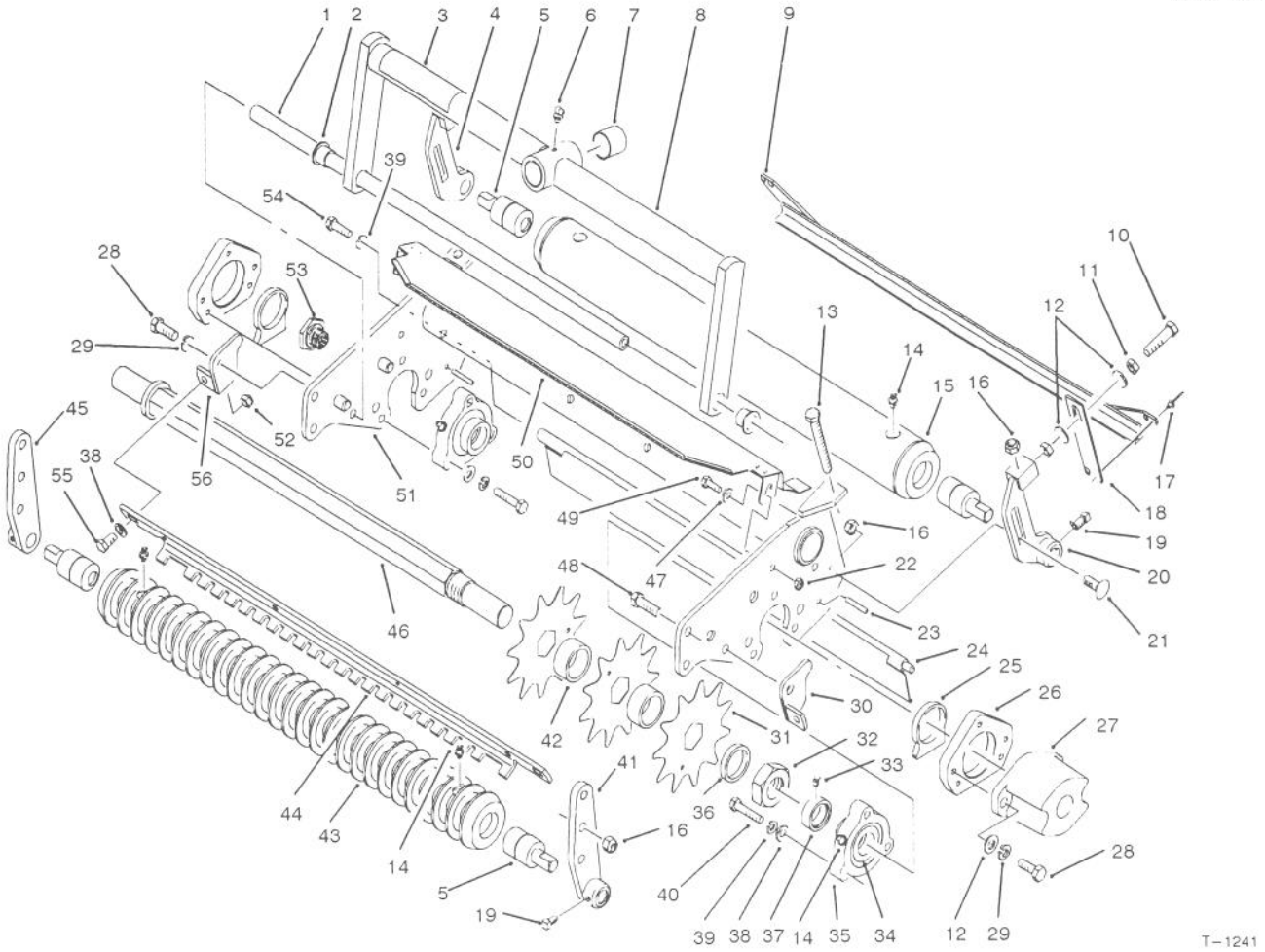
Note: Front left, center, and rear right assemblies shown.
*Not Illustrated



DETHATCHER ASSEMBLY MODEL NO. 03516 (Optional)

Ref. No.	Part No.	Description	No. Used
1	75–1710	Support	1
2	75–2160	Bushing – Flange	2
3	67–7960	Decal – Warning	1
4	82–6630	Bracket – H.O.C. RH	1
5	75–1290	Bearing	4
6	302–60	Fitting – Grease	1
7	67–1750	Bushing – Axle	2
8	82–6540	Frame W.A. – Carrier (Incl. Ref. #2, 6 & 7)	1
9	82–6740	Assy. – Scraper, Rear (Incl. Ref. #17 & 18)	1
10	323–53	Screw – Cap Hex. Hd.	2
11	3218–3	Nut – Hex. Jam	4
12	3256–24	Washer – Flat	8
13	323–49	Screw – Special	2
14	302–11	Fitting – Grease 45°	6
15	82–6680	Assembly – Roller, Rear (Incl. Ref. #5 & 14)	1
16	3296–39	Nut – Lock	8
17	3269–3	Rivet – Pop	4
18	82–6770	Spring – Scraper	2
19	3242–1	Screw – Set	4
20	82–6650	Bracket – H.O.C. LH	1

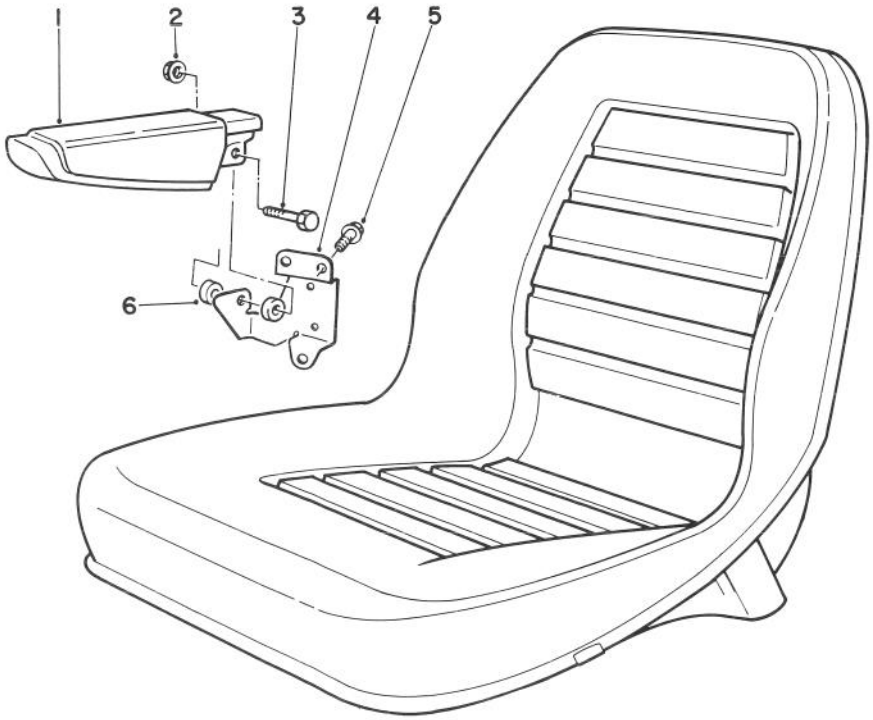
Ref. No.	Part No.	Description	No. Used
21	3231–3	Bolt – Carriage	2
22	3296–42	Nut – Lock	2
23	32121–12	Pin – Roll	2
24	82–6780	Deflector – Rear	1
25	82–6820	Spacer – Bearing	2
26	82–6810	Plate – Bearing	2
27	10–5080	Cap – End	1
28	323–6	Screw – Cap Hex. Hd.	6
29	3253–21	Washer – Lock	6
30	82–6880	Scraper W.A. – LH	1
31	17–1590	Blade – 11 Tooth	24
32	3220–18	Nut – Jam	1
33	3245–35	Screw – Set	2
34	251–337	Bearing – Ball	2
35	76–2460	Assembly – Bearing (Incl. Ref. #14, 33–34 & 37)	2
36	17–1600	Spacer	2
37	251–77	Collar – Lock	2
38	3256–23	Washer – Flat	8
39	3253–4	Washer – Lock	7
40	322–7	Screw – Cap Hex. Hd.	6
41	82–6530	Support H.O.C. – Left	1



DETHATCHER ASSEMBLY MODEL NO. 03516 (Optional) (Continued)

Ref. No.	Part No.	Description	No. Used
42	82–6600	Spacer	23
43	75–1520	Assembly – Roller, Wiehle (Incl. Ref. #5 & 14)	1
44	82–6830	Bracket – Scraper	1
45	82–6510	Support H.O.C. – Right	1
46	82–6570	Shaft – Reel	1
47	3256–1	Washer – Flat	2
48	323–7	Screw – Cap Hex. Hd.	4

Ref. No.	Part No.	Description	No. Used
49	321–4	Screw – Cap Hex. Hd.	2
50	75–1840	Assembly – Shield, Grass	1
51	82–6710	Assembly – Frame W.A.	1
52	3296–29	Nut – Lock	2
53	77–0340	Screw – Spline	1
54	322–5	Screw – Cap Hex. Hd.	1
55	322–3	Screw – Cap Hex. Hd.	2
56	82–6870	Scraper W.A. – RH	1

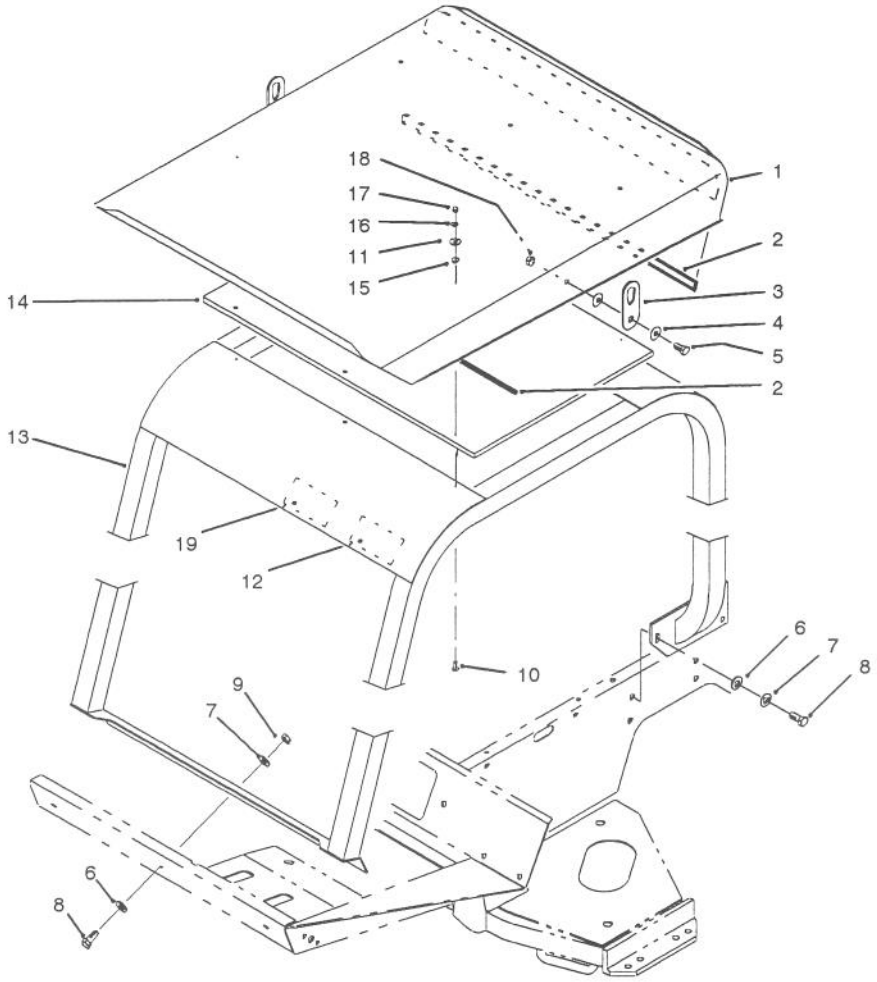


T-0634

ARMREST KIT MODEL NO. 30707 (Optional)

Ref. No.	Part No.	Description	No. Used
1	69-1180	Armrest	2
2	32128-19	Nut - Flange Lock	2
3	323-9	Screw - Cap Hex. Hd.	2
4	69-0770	Bracket - Armrest R.H.	1
*	69-0760	Bracket - Armrest L.H.	1
5	3234-23	Screw - Hex. Flange Hd.	6
6	69-1260	Spacer	4

*Not Illustrated



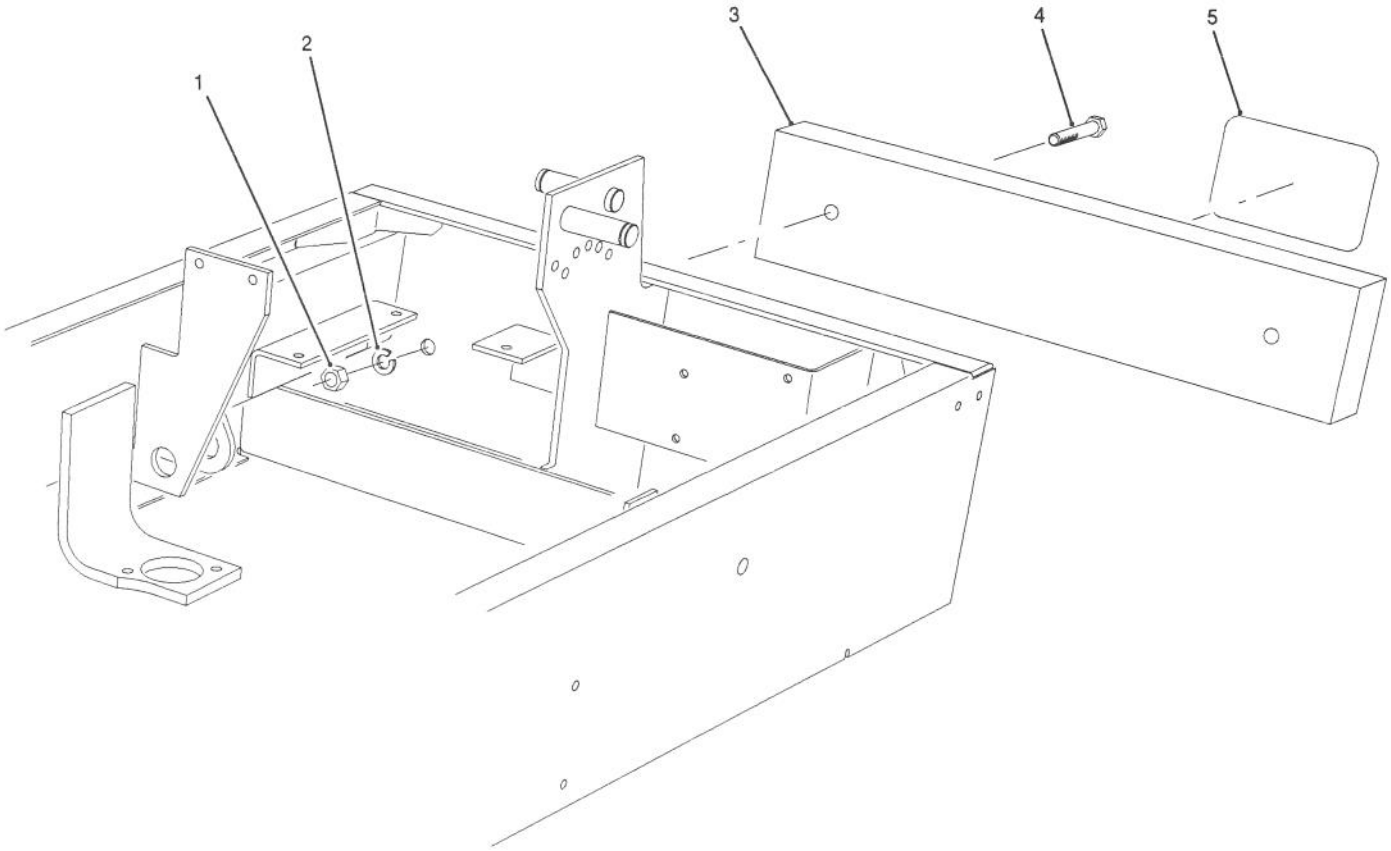
T–1304

R.O.P.S. ASSEMBLY (Optional)

Ref. No.	Part No.	Description	No. Used
1	83–7370	Roof	1
2	83–7390	Seal	2
3	83–7400	Ear – Lift	2
4	3256–24	Washer – Flat	4
5	323–6	Screw – Cap Hex. Hd.	2
6	3256–26	Washer – Flat	9
7	3253–7	Washer – Lock	9
8	325–5	Screw – Cap Hex. Hd.	9
9	3217–9	Nut – Lock	3
10	3250–45	Screw – Pan Hd.	6
11	3256–22	Washer – Flat	6

Ref. No.	Part No.	Description	No. Used
‡12	83–7430	Decal – Danger (English)	1
13	83–7410	Roll – Bar	1
14	83–7380	Insulation – Roof	1
15	83–7420	Washer – Rubber	6
16	3253–3	Washer – Lock	6
17	32111–7	Nut – Acorn	6
18	3296–39	Nut – Lock	2
19	85–9980	Decal – ROPS	1
*	21–4191	Seat Belt Assembly	1
*	3212–4	Screw – Cap Hex. Hd.	2
*	3253–6	Washer – Lock	2

*Not Illustrated
‡For different language versions of this part, see International Decal Cross Reference.



T-1152

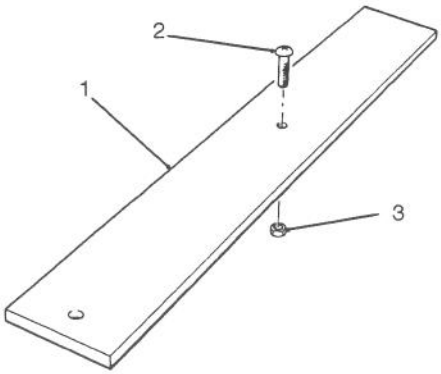
WEIGHT KIT NO. 75-6690 (Optional)

Ref. No.	Part No.	Description	No. Used
1	3217-9	Nut - Hex.	2
2	3253-27	Washer - Lock	2
3		Bar - Weight	1

Ref. No.	Part No.	Description	No. Used
4	325-8	Screw - Cap Hex. Hd.	2
5	62-5550	Decal - TORO	1

SPECIAL TOOLS

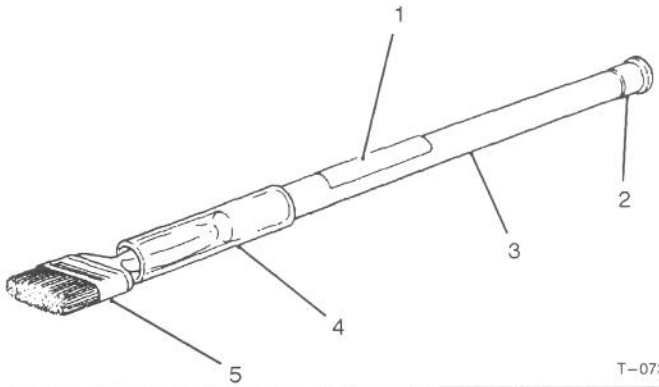
GAUGE BAR ASSEMBLY NO. 13–8199



T–1151

Ref. No.	Part No.	Description	No. Used
1	65–8320	Bar – Height–Of–Cut	1
2	32122–22	Screw	1
3	3219–14	Nut – Hex.	1

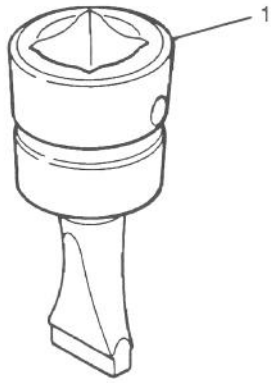
BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



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

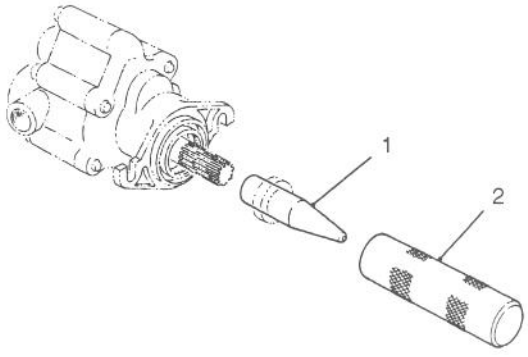
BEDKNIFE SCREW TOOL NO. *TOR510880



T–0729

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

HYDRAULIC MOTOR TOOLS



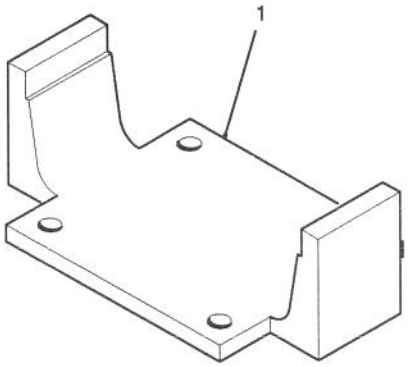
T–0727

Ref. No.	Part No.	Description	No. Used
1	*TOR491430	Protector – Seal	1
2	*TOR491450	Installer – Seal	1

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

SPECIAL TOOLS

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 DECAL CROSS REFERENCE

JAPANESE DECAL 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 ANSI	Tool Box Cover	62–6280 Ref. Only	84–3020
Decal No Starting Fluid	Air Cleaner	67–1700	84–3100
Decal Hydraulic Oil	Right Fender & Frame	85–4730	88–1980
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 Reels	Under Seat Plate	75–6830	84–3580
Decal Slopes	Tool Box	75–7540	84–3660
Decal Bolt	Frame	77–0490	80–4880
Decal This End Down	Radiator Screen	83–7450	84–3820
Decal Knobs	Seat Plate	83–7440	84–3900
Decal Change Filter	Frame	75–0790	84–3980
Decal Fuses	Inside Control Box	85–4720	84–4060
Decal Reference Chart	Inside Tool Box	75–0730	84–4140
Decal Hands/Feet	Cutting Unit Frames	67–7960	84–4220
Decal Seat Belts	R.O.P.S. Roof	83–7430	84–4300
Decal Asbestos	Behind Front Wheels	75–0810	84–4310
Decal Floor Plate	Main Frame	88–0440	88–1900

DANISH DECAL KIT NO. 83–6870

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	DANISH
Decal No Step	Lift Arms	36–3400	84–2770
Decal Diesel Only	Left Fender	52–1320	84–2850
Decal Spring Loaded	Lift Arms	55–4300	84–2930
Decal ANSI	Tool Box Cover	62–6280 Ref. Only	84–3010
Decal No Starting Fluid	Air Cleaner	67–1700	84–3090
Decal Hydraulic Oil	Right Fender & Frame	85–4730	88–2010
Decal Backlap	Backlap Bracket	75–0750	84–3250
Decal Towing	Tool Box Cover	75–1280	84–3330
Decal No Riders	Fenders	75–5190	84–3410
Decal Fast/Slow	Steering Tower	75–6710	84–3490
Decal Reels	Under Seat Plate	75–6830	84–3570
Decal Slopes	Tool Box	75–7540	84–3650
Decal Bolt	Frame	77–0490	84–3730
Decal This End Down	Radiator Screen	83–7450	84–3810
Decal Knobs	Seat Plate	83–7440	84–3890
Decal Change Filter	Frame	75–0790	84–3970
Decal Fuses	Inside Control Box	85–4720	84–4050
Decal Reference Chart	Inside Tool Box	75–0730	84–4130
Decal Hands/Feet	Cutting Unit Frames	67–7960	84–4210
Decal Seat Belts	R.O.P.S. Roof	83–7430	84–4290
Decal Asbestos	Behind Front Wheels	75–0810	84–4320
Decal Floor Plate	Main Frame	88–0440	88–1930

INTERNATIONAL DECAL CROSS REFERENCE

DUTCH DECAL KIT NO. 83–6830

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	DUTCH
Decal No Step	Lift Arms	36–3400	84–2760
Decal Diesel Only	Left Fender	52–1320	84–2840
Decal Spring Loaded	Lift Arms	55–4300	84–2920
Decal ANSI	Tool Box Cover	62–6280 Ref. Only	84–3000
Decal No Starting Fluid	Air Cleaner	67–1700	84–3080
Decal Hydraulic Oil	Right Fender & Frame	85–4730	88–2050
Decal Backlap	Backlap Bracket	75–0750	84–3240
Decal Towing	Tool Box Cover	75–1280	84–3320
Decal No Riders	Fenders	75–5190	84–3400
Decal Fast/Slow	Steering Tower	75–6710	84–3480
Decal Reels	Under Seat Plate	75–6830	84–3560
Decal Slopes	Tool Box	75–7540	84–3640
Decal Bolt	Frame	77–0490	84–3720
Decal This End Down	Radiator Screen	83–7450	84–3800
Decal Knobs	Seat Plate	83–7440	84–3880
Decal Change Filter	Frame	75–0790	84–3960
Decal Fuses	Inside Control Box	85–4720	84–4040
Decal Reference Chart	Inside Tool Box	75–0730	84–4120
Decal Hands/Feet	Cutting Unit Frames	67–7960	84–4200
Decal Seat Belts	R.O.P.S. Roof	83–7430	84–4280
Decal Asbestos	Behind Front Wheels	75–0810	75–0820
Decal Floor Plate	Main Frame	88–0440	88–1970

ITALIAN DECAL KIT NO. 83–6860

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	ITALIAN
Decal No Step	Lift Arms	36–3400	84–2750
Decal Diesel Only	Left Fender	52–1320	84–2830
Decal Spring Loaded	Lift Arms	55–4300	84–2910
Decal ANSI	Tool Box Cover	62–6280 Ref. Only	84–2990
Decal No Starting Fluid	Air Cleaner	67–1700	84–3070
Decal Hydraulic Oil	Right Fender & Frame	85–4730	88–2030
Decal Backlap	Backlap Bracket	75–0750	84–3230
Decal Towing	Tool Box Cover	75–1280	84–3310
Decal No Riders	Fenders	75–5190	84–3390
Decal Fast/Slow	Steering Tower	75–6710	84–3470
Decal Reels	Under Seat Plate	75–6830	84–3550
Decal Slopes	Tool Box	75–7540	84–3630
Decal Bolt	Frame	77–0490	84–3710
Decal This End Down	Radiator Screen	83–7450	84–3790
Decal Knobs	Seat Plate	83–7440	84–3870
Decal Change Filter	Frame	75–0790	84–3950
Decal Fuses	Inside Control Box	85–4720	84–4030
Decal Reference Chart	Inside Tool Box	75–0730	84–4110
Decal Hands/Feet	Cutting Unit Frames	67–7960	84–4190
Decal Seat Belts	R.O.P.S. Roof	83–7430	84–4270
Decal Asbestos	Behind Front Wheels	75–0810	75–0850
Decal Floor Plate	Main Frame	88–0440	88–1950

INTERNATIONAL DECAL CROSS REFERENCE

SPANISH DECAL KIT NO. 83–6850

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	SPANISH
Decal No Step	Lift Arms	36–3400	84–2740
Decal Diesel Only	Left Fender	52–1320	84–2820
Decal Spring Loaded	Lift Arms	55–4300	84–2900
Decal ANSI	Tool Box Cover	62–6280 Ref. Only	84–2980
Decal No Starting Fluid	Air Cleaner	67–1700	84–3060
Decal Hydraulic Oil	Right Fender & Frame	85–4730	88–2000
Decal Backlap	Backlap Bracket	75–0750	84–3220
Decal Towing	Tool Box Cover	75–1280	84–3300
Decal No Riders	Fenders	75–5190	84–3380
Decal Fast/Slow	Steering Tower	75–6710	84–3460
Decal Reels	Under Seat Plate	75–6830	84–3540
Decal Slopes	Tool Box	75–7540	84–3620
Decal Bolt	Frame	77–0490	84–3700
Decal This End Down	Radiator Screen	83–7450	84–3780
Decal Knobs	Seat Plate	83–7440	84–3860
Decal Change Filter	Frame	75–0790	84–3940
Decal Fuses	Inside Control Box	85–4720	84–4020
Decal Reference Chart	Inside Tool Box	75–0730	84–4100
Decal Hands/Feet	Cutting Unit Frames	67–7960	84–4180
Decal Seat Belts	R.O.P.S. Roof	83–7430	84–4260
Decal Asbestos	Behind Front Wheels	75–0810	75–0860
Decal Floor Plate	Main Frame	88–0440	88–1920

GERMAN DECAL KIT NO. 83–6810

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	GERMAN
Decal No Step	Lift Arms	36–3400	84–2730
Decal Diesel Only	Left Fender	52–1320	84–2810
Decal Spring Loaded	Lift Arms	55–4300	84–2890
Decal ANSI	Tool Box Cover	62–6280 Ref. Only	84–2970
Decal No Starting Fluid	Air Cleaner	67–1700	84–3050
Decal Hydraulic Oil	Right Fender & Frame	85–4730	88–2040
Decal Backlap	Backlap Bracket	75–0750	84–3210
Decal Towing	Tool Box Cover	75–1280	84–3290
Decal No Riders	Fenders	75–5190	84–3370
Decal Fast/Slow	Steering Tower	75–6710	84–3450
Decal Reels	Under Seat Plate	75–6830	84–3530
Decal Slopes	Tool Box	75–7540	84–3610
Decal Bolt	Frame	77–0490	84–3690
Decal This End Down	Radiator Screen	83–7450	84–3770
Decal Knobs	Seat Plate	83–7440	84–3850
Decal Change Filter	Frame	75–0790	84–3930
Decal Fuses	Inside Control Box	85–4720	84–4010
Decal Reference Chart	Inside Tool Box	75–0730	84–4090
Decal Hands/Feet	Cutting Unit Frames	67–7960	84–4170
Decal Seat Belts	R.O.P.S. Roof	83–7430	84–4250
Decal Asbestos	Behind Front Wheels	75–0810	75–0840
Decal Floor Plate	Main Frame	88–0440	88–1960

INTERNATIONAL DECAL CROSS REFERENCE

FRENCH DECAL KIT NO. 83-6920

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	FRENCH
Decal No Step	Lift Arms	36-3400	84-2720
Decal Diesel Only	Left Fender	52-1320	84-2800
Decal Spring Loaded	Lift Arms	55-4300	84-2880
Decal ANSI	Tool Box Cover	62-6280 Ref. Only	84-2960
Decal No Starting Fluid	Air Cleaner	67-1700	84-3040
Decal Hydraulic Oil	Right Fender & Frame	85-4730	88-2020
Decal Backlap	Backlap Bracket	75-0750	84-3200
Decal Towing	Tool Box Cover	75-1280	84-3280
Decal No Riders	Fenders	75-5190	84-3360
Decal Fast/Slow	Steering Tower	75-6710	84-3440
Decal Reels	Under Seat Plate	75-6830	84-3520
Decal Slopes	Tool Box	75-7540	84-3600
Decal Bolt	Frame	77-0490	84-3680
Decal This End Down	Radiator Screen	83-7450	84-3760
Decal Knobs	Seat Plate	83-7440	84-3840
Decal Change Filter	Frame	75-0790	84-3920
Decal Fuses	Inside Control Box	85-4720	84-4000
Decal Reference Chart	Inside Tool Box	75-0730	84-4080
Decal Hands/Feet	Cutting Unit Frames	67-7960	84-4160
Decal Seat Belts	R.O.P.S. Roof	83-7430	84-4240
Decal Asbestos	Behind Front Wheels	75-0810	75-0830
Decal Floor Plate	Main Frame	88-0440	88-1940

SWEDISH DECAL KIT NO. 83-6840

DESCRIPTION	LOCATION	PART NUMBER	
		ENGLISH	SWEDISH
Decal No Step	Lift Arms	36-3400	84-2710
Decal Diesel Only	Left Fender	52-1320	84-2790
Decal Spring Loaded	Lift Arms	55-4300	84-2870
Decal ANSI	Tool Box Cover	62-6280 Ref. Only	84-2950
Decal No Starting Fluid	Air Cleaner	67-1700	84-3030
Decal Hydraulic Oil	Right Fender & Frame	85-4730	88-1990
Decal Backlap	Backlap Bracket	75-0750	84-3190
Decal Towing	Tool Box Cover	75-1280	84-3270
Decal No Riders	Fenders	75-5190	84-3350
Decal Fast/Slow	Steering Tower	75-6710	84-3430
Decal Reels	Under Seat Plate	75-6830	84-3510
Decal Slopes	Tool Box	75-7540	84-3590
Decal Bolt	Frame	77-0490	84-3670
Decal This End Down	Radiator Screen	83-7450	84-3750
Decal Knobs	Seat Plate	83-7440	84-3830
Decal Change Filter	Frame	75-0790	84-3910
Decal Fuses	Inside Control Box	85-4720	84-3990
Decal Reference Chart	Inside Tool Box	75-0730	84-4070
Decal Hands/Feet	Cutting Unit Frames	67-7960	84-4150
Decal Seat Belts	R.O.P.S. Roof	83-7430	84-4230
Decal Asbestos	Behind Front Wheels	75-0810	75-0870
Decal Floor Plate	Main Frame	88-0440	88-1910

PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3-3251	Spring – Compression	3	12	1
3-6498	Washer – Thrust	58	21	4
3-6498	Washer – Thrust	28	22	2
3-6498	Washer – Thrust	56	30	6
3-6657	Clamp – Cable	6	30	1
3-6657	Clamp – Cable	35	48	1
5-0743	Spring – Counterbalance	58	1	2
5-0743	Spring – Extension	56	22	3
5-1096	Chain – Cutting Unit	58	27	2
5-1226	Washer – Shim	53	8	A/R
5-1226	Washer – Thrust	54	48	2
5-3637	Washer – Flat	34	23	1
7-3900	Pad – Brake	5	26	2
10-4930	Bedbar	63	23	1
10-5080	Cap – End	63	18	1
10-5080	Cap – End	72	27	1
10-5120	Housing – Bearing	63	14	2
10-6830	Stud – Drive	53	27	10
10-8110	Washer – Thrust	53	9	2
12-0460	Plug – Hole	63	19	1
12-9140	Decal	77	1	1
13-6259	Battery	50	16	1
14-0649	Reel – 8 Blade	63	*	1
14-0659	Reel – 5 Blade	63	26	1
17-1590	Blade – 11 Tooth	72	31	24
17-1600	Spacer	72	36	2
21-0140	Joint – Ball	53	35	2
21-0150	Joint – Ball L.H. Thread	53	39	2
21-2820	Hub – Rear Wheel	53	18	2
21-4191	Seat Belt Assembly	75	*	1
21-7670	Case–Differential	24	33	1
21-7690	Gear–Pinion	23	6	2
21-7700	Shaft–Pinion Mate	24	31	1
21-7710	Pin–Roll	24	30	1
21-7720	Washer–Thrust	23	4	2
21-7730	Washer–Thrust	23	7	2
21-7770	Screw–Drive Gear	24	32	5
21-8020	Spacer–Front Pinion	24	25	1
21-8090	Diff. Adjust. Shim .003	24	38	A/R
21-8100	Diff. Adjust. Shim .005	24	37	A/R
21-8110	Diff. Adjust. Shim .010	24	36	A/R
21-8120	Diff. Adjust. Shim .030	24	35	A/R
21-8180	Bearing	25	3	2
21-8230	Vent Tube Assembly	24	39	1
21-8270	Pin–Dowel	23	3	2
21-8320	Gasket–Bearing, Wheel	25	20	2
21-8330	Seal–Oil	25	2	2
21-8360	Clip–Retaining	25	12	2
21-8390	Cup–Bearing	24	24	1
21-8430	Bearing Assembly	65	17	2
21-9260	Seal – Shaft	3	27	1
21-9370	Screw–Adjusting	25	16	2
21-9380	Nut–Pivot	25	17	2
21-9390	Socket–Adjusting Screw	25	15	2
21-9420	Spring–Shoe Return, L.H.	25	19	2
21-9430	Spring–Shoe Return, R.H.	25	7	2
21-9440	Spring–Adjusting Screw	25	14	2
21-9450	Shield–Dust	25	5	2
21-9460	Retainer–Brake, Parking	25	10	4
23-2270	Bushing – Rubber	28	26	1
23-7270	Nut – Lug	21	1	10
24-8790	Gear–Bevel, Differential	23	5	2
24-8840	Ring–Bearing, Wheel	25	22	2
24-9180	Lever, Brake, Parking	25	4	2
27-2360	Ignition Switch Assembly	11	19	1
27-3710	Dipstick – Axle	21	41	1
27-5340	Hose – Fuel	20	11	1
27-6852	Shaft–Axle, Flanged R.H.	25	*	1
27-6862	Shaft–Axle, Flanged L.H.	25	1	1
27-7110	Element Assembly	51	8	1
27-7120	Nut	51	3	1
27-7130	Clamp Assembly	51	4	1
27-7140	Baffle	51	2	1
27-7150	Cup Assembly	51	1	1
27-7160	Decal – Instructions	50	5	1
27-7170	Band Assembly	51	7	2
27-7220	Air Cleaner Soap	51	*	1
27-9560	Spacer	34	46	1
28-0660	Screw–Cap, Hex Hd.	25	21	8
28-0670	Seal–Oil	25	8	2
28-0680	Drum–Brake	25	13	2
28-1280	Boot – Cable	50	18	1
29-6162	Switch – Neutral	28	6	1
29-9080	Handle	77	3	1
29-9090	Hose – Handle	77	4	1
33-1260	Cover Assembly	51	12	1
33-1270	Bowl	51	11	1
36-3400	Decal – No Step (English)	57	62	2
36-4310	Brush	77	5	1
36-7260	Bar – Cutoff	63	4	1
42-6080	Shim – Axle	21	37	A/R
42-7080	Cap	39	2	2
42-7190	Bushing – Knock	43	33	2
42-7210	Plug–Taper	38	19	1
42-7290	Gasket – Drain	38	16	2
42-7510	Pipe	40	4	1
42-7510	Pipe	40	9	1
42-7840	Key	39	20	1
42-7860	Lock	36	33	12
42-7870	Seal	36	30	6
42-8240	Gasket	45	6	3
42-8690	Metal – Sealing	47	37	1
42-8700	Wire	47	38	1
42-8830	Seal – O–Ring	47	6	1
42-8830	Seal – O–Ring	47	10	1
42-9110	Gasket	40	21	1
42-9260	Plug – Drain	38	15	1
42-9420	Bolt – Speed Set	47	33	4
42-9430	Bolt W/Washer	40	7	1
42-9430	Bolt W/Washer	47	12	2
42-9440	Bolt W/Washer	38	8	11
42-9440	Bolt W/Washer	49	24	1
42-9440	Bolt W/Washer	36	25	4
42-9490	Bolt W/Washer	42	10	4
42-9490	Bolt W/Washer	39	11	2
42-9490	Bolt W/Washer	38	18	18
42-9510	Bolt	37	42	1
42-9570	Stud	40	20	4
42-9590	Nut	36	17	6
42-9640	Nut – Jam	47	9	2
42-9650	Nut – Jam	43	30	1
42-9660	Washer	49	4	1
42-9660	Washer	37	39	3
42-9850	Washer – Lock	33	14	4
42-9850	Washer – Lock	34	26	2
43-0090	Screw – Cap Hex. Hd.	33	20	3
43-0370	Shim	49	5	1
43-0510	Spring – Brush	49	14	2
43-1920	Nut Set	49	17	1
43-2550	Filter	43	18	1
43-2560	Gasket – Side Cover	43	19	1
43-2570	Gasket–Coil Side	43	17	1
43-2580	Magnet	43	20	1
43-2690	Pair of Lined Brake Shoes	25	*	2
43-2690	Shoe & Lining Assembly	25	9	4
43-2710	Seal – O–Ring	40	36	2
43-2740	Gasket	33	8	1
43-2750	Nut – Lock	33	9	1
43-2820	Cap – Sealing	37	47	1
43-2820	Cap – Sealing Torque Set	47	32	1
43-3160	Screw – Adjusting	37	44	1
43-3220	Screw – Cap Hex. Hd.	33	5	2
43-5920	Washer – Lock	34	25	1
43-5960	Nut – Special	37	46	1
43-5970	Nut – Hex.	34	24	1
43-6710	Diff. Adjust. Shim .003	23	15	A/R

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
43-6711	Diff. Adjust. Shim .005	23	16	A/R
43-6712	Diff. Adjust. Shim .010	23	17	A/R
43-6713	Diff. Adjust. Shim .030	23	18	A/R
43-6750	Cup-Bearing, Tapered	23	10	1
43-6760	Cone-Bearing, tapered	23	9	1
43-6800	Nut-Lock	25	18	8
43-6810	Spider-Torque	25	6	2
44-2670	Hose - Fuel	20	19	1
46-6550	Connector - Fuel Elbow 90°	20	21	1
46-6560	Grommet	20	22	2
46-8091	Screw - Cap Hex. Hd.	2	43	4
47-0110	Spacer - Spindle	34	4	1
48-4220	Air Cleaner Assembly	50	4	1
48-4220	Air Filter Assembly	51	*	1
48-7430	Pre-Cleaner Assembly	51	*	1
48-7700	Screw - Cap Hex. Hd.	34	17	1
48-7930	Nut - Lock	33	13	4
48-9570	Washer - Lock	33	6	2
48-9590	Washer - Lock	34	12	10
48-9590	Washer - Lock	33	21	1
49-2040	Screw - Hex. Washer Hd.	17	25	4
49-2040	Screw - Hex. Washer Hd.	2	47	2
49-2040	Screw - Thread Forming	56	2	10
49-2040	Screw - Thread Forming	59	41	4
49-6440	Plate - Traction Pedal	5	11	1
52-1320	Decal - Fuel (English)	1	28	1
52-2860	Washer - Flat	7	51	4
53-8130	Gasket - Muffler	33	15	1
53-8150	Pump Assembly	46	*	1
53-8150	Pump Assembly	43	21	1
54-8660	Washer	49	25	1
54-9040	Yoke - End	33	26	1
54-9180	Kit - U-Joint	33	25	1
55-4300	Decal - Warning (English)	56	33	3
55-4300	Decal - Warning (English)	58	37	2
56-0020	Plug	39	24	3
56-0020	Plug - Expansion	40	18	1
56-0020	Plug-Expansion	43	12	3
56-0100	Plug - Taper	43	37	1
56-0220	Pin - Dowel	43	35	2
56-0480	Key - Woodruff	39	8	1
56-0480	Key - Woodruff	36	18	2
56-1060	Snap Ring	39	15	1
56-1230	Shaft - Oil Filter	43	28	1
56-1570	Bolt Set	48	8	1
56-1580	Armature Set	48	23	1
56-1590	Bearing - Front	48	22	1
56-1600	Bearing - Rear	48	21	1
56-1610	Bolt	48	16	1
56-1640	Stopper Set	48	13	1
56-1670	Gear	48	10	1
56-1680	Cover Set	48	9	1
56-1700	Holder - Brush	48	18	1
56-1710	Spring - Brush	48	19	4
56-1720	Bracket - Rear	48	17	1
56-7974	Clamp - Tube	31	34	1
57-3210	Screw - Special	63	30	4
57-4910	Screw - Bedknife	63	25	7
57-6390	Nut - Lock	34	27	2
61-2790	Screen - Filler	13	3	1
62-3820	Fitting - Grease	33	24	1
62-3880	Fitting - Grease	33	4	1
62-5550	Decal - TORO	1	1	1
62-5550	Decal - TORO	76	5	1
62-6280	Decal - ANSI (English) (For Reference Only)	2	50	1
62-6300	Sleeve Assembly	51	10	1
62-7400	Decal - TORO	1	11	1
62-7650	Gasket - Sending Unit	20	7	1
63-6720	Bracket - Fan Idler	34	41	1
63-6760	Throttle Cable Swivel Assy.	6	29	2
63-6890	Hinge - Hood R.H.	1	*	1
63-6900	Hinge - Hood L.H.	1	15	1
63-7140	Mount - Engine	34	34	4
63-7380	Expansion Tank Assembly	50	6	1
63-7400	Washer - Flat	34	33	4
63-7430	Gauge - Temperature	11	8	1
63-7440	Solenoid - Stop	33	10	1
63-7590	Relay - Starter	31	35	1
63-7610	Hose - Fuel	20	1	1
63-7610	Hose-Fuel	52	8	1
63-7620	Hose-Fuel	52	4	1
63-7640	Unit - Sending	20	8	1
63-7650	Fuel Filter Assembly	52	*	1
63-7650	Fuel Filter Assembly	50	13	1
63-7732	Cable - Brake R.H.	5	*	1
63-7733	Cable - Brake L.H.	5	29	1
63-7790	Screw - Cap Hex. Hd.	34	11	8
63-7880	Pin - Brake Latch	5	28	1
63-7900	Rack - Parking Brake	3	20	1
63-8140	Pulley - Idler	34	43	1
63-8280	Head-Filter, Fuel	52	2	1
63-8290	Vent-Air	52	3	1
63-8300	Element-Spin-On	52	7	1
63-8310	Valve-Drain	52	6	1
63-8360	Key - Ignition	11	9	1
63-8410	Washer - Flat	20	26	3
63-8410	Washer - Flat	13	37	3
63-8610	Bedknife	63	24	1
65-5100	Handle	1	5	2
65-8320	Bar - Height-Of-Cut	77	1	1
66-2320	Bracket - Engine L.H. Front	34	36	1
66-2330	Base - Battery	50	30	1
66-2490	Clamp - Battery	50	22	1
66-2920	Spacer - Throttle	6	31	2
66-2940	Gauge - Fuel	11	1	1
66-2960	Cluster - Warning	11	7	1
66-3180	Tube - Vent	31	22	1
66-3240	Cap - Radiator	31	8	1
66-5400	Seat Assembly	6	1	1
66-8121	Standpipe - Elbow 90°	20	20	1
66-8520	Bumper-Downstop	8	17	2
66-8530	Adjuster	8	16	1
66-8560	Nut-Push	8	11	4
66-8610	Weldment-Lower	8	10	1
66-8800	Relay - Glow Plug	31	37	1
66-9290	Spacer	8	15	6
66-9770	Seal	4	28	1
66-9780	Bushing	4	29	1
66-9850	Bolt-Special	4	36	4
66-9860	Upper Cover & Jacket	4	37	1
66-9870	Plate-Retaining	4	38	1
66-9880	Washer-Retaining Plate	4	39	1
66-9890	Ring-Retaining	4	40	1
66-9900	Shaft-Input	4	41	1
66-9970	Spring Kit	4	*	1
66-9980	Seal-Kit	4	*	1
66-9990	Needle Roller Kit	4	*	1
67-1630	Spacer - Fan	34	8	1
67-1690	Fitting - Fuel Elbow 90°	20	30	2
67-1700	Decal - Starting Fluid	50	3	1
67-1750	Bushing - Axle	72	7	2
67-1750	Bushing - Sleeve	65	1	2
67-1750	Bushing - Sleeve	66	1	2
67-1750	Bushing - Sleeve	56	9	12
67-1750	Bushing - Sleeve	58	25	8
67-1751	Bushing - Sleeve	53	10	6
67-2200	Seal	39	4	4
67-2210	Plug - Taper	43	36	3
67-2230	Seal-Oil	43	14	1
67-2250	Bolt	39	5	8
67-2260	Shaft-Idler	43	34	1
67-2270	Case - Oil Seal	43	15	1
67-2280	Gasket-Seal, Oil	43	13	1
67-2290	Cover	43	10	1
67-2300	Gasket	43	9	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
67–2310	Plate – Front	38	6	1
67–2320	Gasket – Plate	38	7	1
67–2330	Bolt	42	3	2
67–2330	Bolt	43	16	6
67–2330	Bolt	40	34	4
67–2330	Bolt	41	49	2
67–2340	Bolt W/Washer	38	3	3
67–2340	Bolt W/Washer	43	11	2
67–2340	Bolt W/Washer	40	17	4
67–2340	Screw – Hex. Washer Hd.	33	18	1
67–2350	Plug – Expansion	43	25	1
67–2360	Bushing – Knock	43	26	2
67–2370	Bushing – Knock	43	32	1
67–2380	Bushing – Knock	43	27	3
67–2390	Plug – Taper	43	24	1
67–2410	Bearing Set 0.25 mm US	39	*	1
67–2420	Bearing Set 0.50 mm US	39	*	1
67–2430	Bracket – Starter	43	23	1
67–2440	Bolt W/Washer	43	22	3
67–2480	Gasket – Oil Pan	38	17	1
67–2500	Plunger – Relief	38	25	1
67–2510	Spring – Relief	38	26	1
67–2520	Plug	38	28	1
67–2530	Gear – Inner	38	12	1
67–2540	Gear – Outer	38	11	1
67–2550	Housing – Oil Pump	38	10	1
67–2560	Bolt W/Washer	38	9	3
67–2570	Plug – Taper	40	19	1
67–2570	Plug – Taper	38	29	1
67–2580	Gasket – Case	38	2	1
67–2590	Seal – Oil	38	23	1
67–2600	Bolt	42	5	1
67–2600	Bolt	38	21	3
67–2610	Bolt	42	9	2
67–2610	Bolt	38	22	4
67–2620	Bolt	38	24	1
67–2630	Seal – O–Ring	38	20	2
67–2640	Cap	38	30	1
67–2650	Cap – Oil Filler	40	11	1
67–2650	Oil Fill Cap Assembly	38	32	1
67–2660	Seal – O–Ring	40	10	1
67–2660	Seal – O–Ring	38	31	1
67–2670	Hose – Breather	40	8	1
67–2680	Hanger –Engine	40	16	2
67–2700	Guide – Valve	40	42	6
67–2710	Cap – Sealing	40	41	3
67–2730	Bolt	40	43	8
67–2740	Bolt – Flange	40	15	3
67–2750	Cover Assembly	40	6	1
67–2760	Gasket	40	14	1
67–2770	Nut – Cap	40	12	2
67–2780	Washer	40	13	2
67–2850	Rod Assembly–Connecting	36	9	3
67–2860	Bolt	36	12	6
67–2890	Bearing Set 0.25 mm US	36	*	3
67–2900	Bearing Set 0.50 mm US	36	*	3
67–2910	Gear	36	7	1
67–2920	Crankshaft	36	16	1
67–2930	Pulley – Crankshaft	36	19	1
67–2940	Nut – Jam	36	22	1
67–2950	Washer	36	20	1
67–2960	Washer – Lock	36	21	1
67–2970	Flywheel Assembly	36	13	1
67–2980	Gear – Ring	36	15	1
67–2990	Bolt	36	14	4
67–3000	Washer	39	10	2
67–3010	Cam Shaft	39	7	1
67–3020	Gear	39	12	1
67–3030	Bearing	39	9	2
67–3040	Plate	39	14	1
67–3050	Bearing	39	22	1
67–3060	Shaft	39	21	1
67–3070	Gear	39	17	1
67–3080	Snap Ring	39	23	1
67–3090	Gear Assembly	39	13	1
67–3100	Retainer	36	32	6
67–3110	Spring	36	31	6
67–3120	Tappet	36	6	6
67–3130	Valve – Intake	36	28	3
67–3140	Valve – Exhaust	36	29	3
67–3150	Rod–Push	36	5	6
67–3160	Arm–Rocker	36	1	6
67–3170	Spring	37	40	2
67–3180	Cap	36	34	6
67–3190	Rocker Shaft Assembly	36	38	1
67–3200	Stay – Rocker	36	35	3
67–3210	Screw – Adjusting	36	4	6
67–3220	Pin	36	37	1
67–3230	Nut – Jam	36	2	6
67–3240	Snap Ring	36	3	2
67–3250	Bolt–Rocker Stay	37	43	2
67–3260	Washer	49	3	1
67–3260	Washer	47	8	2
67–3260	Washer	37	41	3
67–3280	Shim 0.2 mm	43	38	1
67–3290	Shim 0.3 mm	43	*	1
67–3300	Shim 0.5 mm	43	*	1
67–3310	Shim 0.4 mm	43	*	1
67–3320	Shim 0.6 mm	43	*	1
67–3330	Shim 0.7 mm	44	38	1
67–3340	Shim 0.8 mm	44	*	1
67–3350	Shim 0.9 mm	44	*	1
67–3360	Shim 1.0 mm	44	*	1
67–3370	Bolt W/Washer	44	39	4
67–3380	Nozzle & Holder Assembly	43	6	1
67–3380	Nozzle and Holder Assembly	46	*	3
67–3390	Gasket – Nozzle Holder	43	7	3
67–3400	Pipe Assy. No. 1	44	42	1
67–3410	Pipe Assy. No. 2	44	43	1
67–3420	Pipe Assy. No. 3	43	1	1
67–3430	Nut	43	2	3
67–3440	Gasket	43	4	3
67–3460	Housing–Pump	45	9	1
67–3480	Seal – O–Ring	45	4	3
67–3490	Spring	45	5	3
67–3500	Valve	45	7	3
67–3520	Sleeve	45	10	3
67–3530	Seat – Spring Upper	45	11	3
67–3540	Spring	45	12	3
67–3550	Seat – Spring Lower	45	13	3
67–3560	Plate – Shim 1.85 mm	45	14	1
67–3570	Plate – Shim 1.9 mm	45	*	1
67–3580	Plate – Shim 1.95 mm	45	*	1
67–3590	Plate – Shim 2.0 mm	45	*	1
67–3600	Plate – Shim 2.05 mm	45	*	1
67–3610	Plate – Shim 2.1 mm	45	*	1
67–3620	Plate – Shim 2.15 mm	45	*	1
67–3630	Plate –Shim 2.2 mm	45	*	1
67–3640	Plate – Shim 2.25 mm	45	*	1
67–3650	Plate – Shim 2.3 mm	45	14	1
67–3660	Plate – Shim 2.35 mm	45	*	1
67–3670	Plate – Shim 2.4 mm	45	*	1
67–3680	Plate – Shim 2.45 mm	45	*	1
67–3690	Plate – Shim 2.5 mm	45	*	1
67–3700	Tappet	45	15	3
67–3710	Screw – Air Bleed	45	24	1
67–3720	Washer	45	23	1
67–3730	Screw	45	22	1
67–3740	Holder–Delivery Valve	45	3	3
67–3740	Nipple – Swivel	45	21	1
67–3750	Washer	45	20	2
67–3760	Plate – Lock	45	2	3
67–3770	Screw W/Washer	45	1	3
67–3780	Rack	45	19	1
67–3790	Screw	45	17	2
67–3800	Bracket – Wire Stop	45	18	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
67–3810	Pin – Tappet Guide	45	16	3
67–3830	Washer 1.25 mm	45	31	1
67–3840	Washer 1.3 mm	46	31	1
67–3850	Washer 1.35 mm	46	*	1
67–3860	Washer 1.4 mm	46	*	1
67–3870	Washer 1.45 mm	46	*	1
67–3880	Washer 1.5 mm	46	*	1
67–3890	Washer 1.55 mm	46	*	1
67–3900	Washer 1.6 mm	46	*	1
67–3910	Washer 1.65 mm	46	31	1
67–3920	Washer 1.7 mm	46	*	1
67–3930	Spring	45	30	3
67–3940	Pin – Pressure	45	29	3
67–3950	Piece – Distance	45	28	3
67–3960	Nozzle	45	27	3
67–3970	Nut – Retaining	45	25	3
67–3980	Gasket	45	26	3
67–3990	Lever – Speed Control	47	1	1
67–4000	Pin	47	2	2
67–4010	Stopper	47	15	1
67–4030	Rod – Tie	47	23	1
67–4040	Weight Assembly	47	13	1
67–4050	Shaft – Governor	47	19	1
67–4060	Lever – Governor	47	18	1
67–4070	Shaft – Sliding	47	16	1
67–4080	Clip	47	24	1
67–4090	Lever – Tension	47	21	1
67–4110	Cover Assembly	47	*	1
67–4120	Pin – Grooved	47	35	1
67–4130	Cover – Governor	47	4	1
67–4140	Lever – Stop	47	11	1
67–4150	Lever – Stop	47	40	1
67–4160	Gasket	47	5	1
67–4170	Spring Set	47	*	
67–4180	Nut	47	31	1
67–4190	Spring – Torque	47	28	1
67–4200	Nut – Special	47	30	1
67–4210	Case – Torque Spring	47	26	1
67–4220	Screw – Adjusting	47	29	1
67–4230	Stopper	47	27	1
67–4270	Bolt	47	3	4
67–4280	Bolt W/Washer	47	17	1
67–4290	Nut	47	34	4
67–4310	Gasket	36	23	1
67–4330	Oil Filter Assembly	44	40	1
67–4340	Screen Assembly	43	31	1
67–4350	Switch – Oil Pressure	42	8	1
67–4360	Pulley – Water Pump	42	1	1
67–4380	Water Pump Assembly	42	6	1
67–4390	Gasket – Water Pump	42	7	1
67–4400	Bolt	40	1	2
67–4400	Bolt	42	4	1
67–4410	V–Belt	42	2	1
67–4420	Fitting – Water	41	46	1
67–4430	Gasket – Fitting	41	45	1
67–4440	Thermostat	40	38	1
67–4450	Fitting – Thermostat	40	32	1
67–4460	Gasket – Switch	40	31	1
67–4470	Bolt	40	33	1
67–4480	Pipe – By–Pass	40	37	1
67–4490	Gasket	40	30	1
67–4500	Switch – Thermo	40	29	1
67–4510	Gauge Nut – Temperature	40	35	1
67–4520	Pipe	40	2	1
67–4530	Cover – Intake	40	5	1
67–4540	Seal – O–Ring	40	3	1
67–4550	Gasket–Intake Manifold	40	44	1
67–4560	Manifold – Exhaust	40	24	1
67–4570	Gasket – Exhaust Manifold	40	26	1
67–4580	Bolt	40	22	2
67–4590	Bolt	40	23	4
67–4610	Bolt W/Washer	48	2	2
67–4620	Spacer	49	21	1
67–4630	Alternator Assembly	49	1	1
67–4640	Bolt	49	22	1
67–4660	Bolt – Flange	49	26	1
67–4670	Nut	49	2	1
67–4680	Plug – Glow	40	39	3
67–4690	Plate – Glow Plug	40	40	1
67–4700	Lamp – Glow	40	27	1
67–4700	Resister – Glow	31	44	1
67–4720	Lever	48	4	1
67–4730	Spring Set	48	5	1
67–4750	Switch	48	7	1
67–4760	Shaft Assembly	48	15	1
67–4770	Pinion Set	48	14	1
67–4780	Gear Set	48	12	1
67–4790	Shaft	48	11	1
67–4800	Yoke	48	20	1
67–4810	Pulley Set	49	16	1
67–4820	Bolt Set	49	20	1
67–4830	Front Bracket Assembly	49	15	1
67–4840	Screw Set	49	18	1
67–4850	Bearing – Front	49	19	1
67–4860	Rotor Assembly	49	7	
67–4870	Bearing – Rear	49	6	1
67–4880	Stator	49	10	1
67–4890	Rear Cover Assembly	49	9	1
67–4900	Terminal Set	49	11	1
67–4910	Regulator Assembly	49	12	1
67–4920	Brush	49	13	2
67–4930	Rectifier	49	8	1
67–5040	Spring	47	20	1
67–5100	Sleeve – Connector	6	22	2
67–5110	Screw – Special	6	21	2
67–5120	Washer – Spring	6	23	2
67–5130	Washer – Flat	6	24	2
67–5140	Washer – I.T.L.W.	6	25	2
67–5150	Nut – Hex.	6	26	2
67–7160	Block – Fuse	11	21	1
67–7250	Spacer – Cylinder	53	13	1
67–7960	Decal – Warning	72	3	1
67–7960	Decal – Warning (English)	65	20	1
67–7960	Decal – Warning (English)	66	20	1
67–9410	Washer – Thrust	53	29	2
67–9550	Kit – Seat Cushion	6	45	1
67–9560	Shell – Seat	6	2	1
68–5140	Cap – Steering Wheel	3	7	1
68–5370	Decal – TORO	3	5	1
68–6150	Breather – Hydraulic Tank	13	2	1
69–0760	Bracket – Armrest L.H.	74	*	1
69–0770	Bracket – Armrest R.H.	74	4	1
69–1180	Armrest	74	1	2
69–1260	Spacer	74	6	4
69–4120	Cartridge Assembly N.C.	16	25	2
69–4240	Seal Kit	16	26	2
69–4290	Solenoid Coil Assembly	16	4	9
69–4300	Nut	16	1	9
69–4320	Fitting – Hydraulic 90°	15	25	1
69–4780	Clamp – Hour Meter	11	42	1
70–2780	Piston	60	4	1
70–2780	Piston	62	4	1
70–8220	Cable – Ground	34	31	1
70–8460	Fuel Pump Assembly	20	2	1
70–8530	Wire – Fuel Pump	20	28	1
70–8560	Retainer – Glow Resister	31	45	1
70–8570	Breaker – Circuit	10	2	2
70–8620	Cap – Fuel Tank (Green)	20	23	1
70–8621	Cap – Fuel Tank (Black)	20	*	1
70–8640	Cap – Hydraulic Reservoir	13	8	1
70–8700	Pipe – Fuel Return	43	3	1
70–8720	Spring – Tie Rod	47	22	1
70–8760	Starter Assembly	48	1	1
70–8770	Bracket – Front	48	3	1
70–8780	Bracket – Center	48	6	1
70–8870	Guide – Oil Level	43	8	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
70–8880	Dipstick	43	5	1
71–1520	Cap – Expansion Tank	50	7	1
71–2910	Bracket – Engine R.H. Rear	34	10	1
71–4330	Seal	24	41	1
71–4350	Nut	23	20	1
72–3570	Shim .094 – Diff. Adjust.	23	22	A/R
72–3571	Shim .096 – Diff. Adjust.	23	*	A/R
72–3572	Shim .098 – Diff. Adjust.	23	*	A/R
72–3573	Shim .100 – Diff. Adjust.	23	22	A/R
72–3574	Shim .102 – Diff. Adjust.	23	*	A/R
72–3575	Shim .104 – Diff. Adjust.	23	*	A/R
72–3576	Shim .106 – Diff. Adjust.	23	*	A/R
72–3577	Shim .108 – Diff. Adjust.	23	*	A/R
72–3578	Shim .110 – Diff. Adjust.	23	*	A/R
72–3580	Shim .112 – Diff. Adjust.	23	*	A/R
72–3581	Shim .114 – Diff. Adjust.	23	*	A/R
72–3582	Shim .116 – Diff. Adjust.	23	*	A/R
72–3583	Shim .118 – Diff. Adjust.	23	*	A/R
72–3584	Shim .120 – Diff. Adjust.	23	*	A/R
72–3585	Shim .125 – Diff. Adjust.	23	*	A/R
72–3586	Shim .127 – Diff. Adjust.	23	*	A/R
72–3587	Shim .129 – Diff. Adjust.	23	*	A/R
72–3588	Shim .131 – Diff. Adjust.	23	*	A/R
72–3590	Shim .133 – Diff. Adjust.	23	*	A/R
72–3591	Shim .135 – Diff. Adjust.	23	*	A/R
72–3592	Shim .137 – Diff. Adjust.	23	*	A/R
72–3593	Shim .139 – Diff. Adjust.	23	*	A/R
72–3594	Shim .141 – Diff. Adjust.	23	*	A/R
72–3595	Shim .143 – Diff. Adjust.	23	*	A/R
72–3596	Shim .145 – Diff. Adjust.	23	*	A/R
72–3597	Shim .147 – Diff. Adjust.	23	*	A/R
72–3598	Shim .149 – Diff. Adjust.	24	22	A/R
72–3600	Shim .151 – Diff. Adjust.	24	*	A/R
72–3620	Gear & Pinion Assembly	24	*	1
72–4380	Seal Kit	64	*	1
72–6140	Cover – Rear	49	27	1
74–0720	Tube – Manual	6	10	1
74–5520	Clutch – Fan	35	53	1
74–5950	Swell Latch Assembly	1	21	3
74–9100	Pad – Forward	5	12	1
74–9110	Pad – Reverse	5	14	1
75–0010	Transmission Assembly	21	9	1
75–0020	Housing	26	5	1
75–0030	Gasket – Housing	26	46	1
75–0040	Center Section	26	18	1
75–0060	Plug	26	20	4
75–0070	Plug	26	41	1
75–0090	Screw – Cap Hex Hd.	26	9	8
75–0110	Screw – Cap Hex Hd.	26	35	2
75–0120	Screw – Cap Hex Hd.	26	28	1
75–0130	Screw – Cap Hex Hd.	26	24	3
75–0140	Spring – Conical	26	26	1
75–0150	Guide – Seal	26	2	1
75–0170	Plug – Straight Thread	26	19	4
75–0180	Screw – Cap Hex Hd.	26	36	2
75–0190	Plug – Special	26	27	2
75–0200	Plug – Straight Thread	26	38	2
75–0210	O–Ring	26	6	2
75–0220	Pin	27	48	2
75–0230	Seal – Lip	26	8	1
75–0240	O–Ring	26	21	6
75–0250	Spring	26	22	1
75–0260	Valve – Relief	26	23	4
75–0270	Spring	26	39	1
75–0280	Spring	26	42	1
75–0290	Spring	26	43	1
75–0300	Valve – SCR	26	25	1
75–0310	Shim	26	40	1
75–0320	Nipple	26	37	1
75–0330	Seal – Lip	26	34	1
75–0340	Bearing – Needle	26	33	1
75–0350	Pin	26	31	1
75–0360	Gerotor	26	30	1
75–0370	O–Ring	26	29	1
75–0380	Plate – Valve	26	15	1
75–0390	Plate – Swash	26	12	1
75–0400	Plate – Thrust	26	13	2
75–0410	O–Ring	26	3	1
75–0430	Ring – Retaining	26	1	1
75–0440	Shaft – Motor	26	45	1
75–0450	Collar	27	50	1
75–0460	Bearing – Ball	27	51	2
75–0470	Cylinder Block Kit	26	14	2
75–0480	Pin	26	10	2
75–0490	Plate – Valve	26	44	1
75–0500	Bearing – Needle	26	16	2
75–0510	Pin	26	17	2
75–0520	Bearing – Ball	26	4	1
75–0540	Tether – Cap	13	7	1
75–0550	Strainer – Suction	13	29	1
75–0560	Wheel – Steering	3	4	1
75–0570	Cable – Hood	1	14	1
75–0580	Panel – Tower	3	10	1
75–0590	Panel – Control	11	14	1
75–0600	Steering Valve Assembly	3	26	1
75–0600	Valve–Power Steering	4	*	1
75–0610	Tread – Foot R.H.	2	*	1
75–0620	Tread – Foot L.H.	2	37	1
75–0630	Tread – Foot Center	2	40	1
75–0640	Tread – Footrest R.H.	2	*	1
75–0650	Tread – Footrest L.H.	2	36	1
75–0660	Decal – Reelmasterr 223D	1	8	2
75–0670	Decal – Hood Trim L.H.	1	12	1
75–0680	Decal – Hood Trim R.H.	1	*	1
75–0720	Housing–Lower	24	34	1
75–0730	Decal – Instructions	2	48	1
75–0750	Decal – Backlap Switch	31	41	1
75–0760	Decal – Solenoid Info.	6	40	1
75–0800	Gear Pump Assembly	29	18	1
75–0810	Decal – Caution (English)	22	48	2
75–0890	Hood	1	6	1
75–0900	Engine Assembly	34	22	1
75–0920	Relief Cartridge Assembly	16	28	1
75–0930	Hook – Oil Cooler	32	50	4
75–0940	Guard – Flywheel	33	22	1
75–1010	Toggle Switch Assembly	11	16	1
75–1020	Switch – Backlap	31	38	1
75–1040	Cooler – Oil	31	2	1
75–1070	Muffler	33	11	1
75–1080	Tank – Fuel	20	24	1
75–1100	Support – Rear Axle	53	4	1
75–1170	Reservoir – Hydraulic	13	1	1
75–1180	Manifold	18	7	2
75–1180	Manifold – Hydraulic	17	21	1
75–1190	Manifold – Hydraulic	17	18	1
75–1200	Hydraulic Cylinder Assembly	54	47	1
75–1210	Nut–Lock	55	2	1
75–1220	Piston	55	3	1
75–1230	Piston Rod Assembly	55	5	1
75–1250	Seal Kit	55	6	1
75–1260	Head–Internal	55	4	1
75–1270	Repair Kit	64	*	1
75–1280	Decal – Warning (English)	1	22	1
75–1290	Bearing	72	5	4
75–1290	Bearing Assembly	65	14	2
75–1290	Bearing Assembly	66	14	2
75–1300	Hydraulic Filter Head Assy.	13	31	1
75–1310	Element – Hydraulic Filter	13	34	1
75–1330	Filter – Oil	21	27	1
75–1350	Cable – Throttle	6	20	1
75–1360	Cable – Battery (Ground)	34	20	1
75–1370	Battery Cable Assy. (+)	50	17	1
75–1380	Belt – V	34	44	1
75–1390	Panel – Access	2	39	1
75–1400	Motor – Hydraulic	19	21	5
75–1400	Reel Motor Assembly	63	29	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
75-1410	Panel – Floor	2	41	1
75-1420	Cover – Steering Tower	1	2	1
75-1430	Brake Pedal Assembly R.H.	5	35	1
75-1440	Pedal – Brake L.H.	5	33	1
75-1470	Shaft – Brake Pedal	5	36	1
75-1490	Rod – Parking Brake	3	13	1
75-1520	Assembly – Roller, Wiehle	73	43	1
75-1520	Wiehle Roller Assembly	65	15	1
75-1520	Wiehle Roller Assembly	66	15	1
75-1560	Deflector – Rear	63	9	1
75-1600	Carrier Frame Assembly	65	3	1
75-1600	Carrier Frame Assembly	66	3	1
75-1610	Bracket – HOC Rear R.H.	65	*	1
75-1610	Bracket – HOC Rear R.H.	66	*	1
75-1620	Bracket – HOC Rear L.H.	65	7	1
75-1620	Bracket – HOC Rear L.H.	66	7	1
75-1710	Support	72	1	1
75-1710	Support – Cutting Unit	65	19	1
75-1710	Support – Cutting Unit	66	19	1
75-1720	Flap – Rear Shield	63	11	2
75-1740	Spring – Scraper	70	2	2
75-1750	Scraper – Roller	70	1	1
75-1840	Assembly – Shield, Grass	73	50	1
75-1840	Shield – Grass	63	5	1
75-1960	Bracket – HOC Front R.H.	65	*	1
75-1960	Bracket – HOC Front R.H.	66	*	1
75-1980	Bracket – HOC Front L.H.	65	13	1
75-1980	Bracket – HOC Front L.H.	66	13	1
75-2010	Relief Cartridge Assembly	16	29	1
75-2020	Solenoid Assembly	16	36	2
75-2030	Solenoid Assembly N.O.	16	27	2
75-2040	Solenoid Assembly N.C.	16	8	1
75-2050	Solenoid Assembly N.C.	16	24	3
75-2060	Rotary Cartridge Assembly	16	23	2
75-2070	Plug – Orifice	16	31	2
75-2080	Seal Kit	16	7	10
75-2090	Seal Kit	16	35	3
75-2120	Clevis W.A.	62	12	1
75-2150	Control Manifold Assembly	15	6	1
75-2160	Bearing – Flange	65	18	2
75-2160	Bearing – Flange	66	18	2
75-2160	Bushing – Flange	72	2	2
75-2170	Tube – Pump Control	5	37	1
75-2240	Hose – Radiator Upper	31	18	1
75-2260	Hose – Radiator Lower	31	21	1
75-2430	Coupling – Transmission	29	7	1
75-2460	Hose – Air Cleaner	50	1	1
75-2460	Hose – Air Cleaner	34	15	1
75-2810	Clamp – Steering Valve	3	3	1
75-2820	Grill – Hood	1	7	1
75-2830	Bracket – Engine L.H. Rear	34	28	1
75-2850	Hose – Expansion Tank	50	9	1
75-2850	Hose – Expansion Tank	31	10	1
75-2860	Bracket – Hose	31	31	1
75-2860	Bracket – Hose	1	35	1
75-2900	Rear Axle Assembly	54	45	1
75-2970	Pedal – Traction	5	13	1
75-3010	Joint – Arm	58	31	2
75-3010	Joint – Arm	57	54	3
75-3040	Carrier Frame Assembly	57	44	1
75-3100	Transmission Support Assy.	21	7	1
75-3110	Collar – Transmission	21	8	1
75-3130	Rod – Tie	53	37	2
75-3140	Bracket – Air Cleaner	50	25	1
75-3270	Lever – Traction Pivot	5	8	1
75-3300	Frame – Seat	6	27	1
75-3390	Bracket – Backlap	31	39	1
75-3400	Shaft – Seat Pivot	6	14	1
75-3420	Lift Control Assembly	11	37	1
75-3430	Rod – Throttle	6	34	1
75-3480	Weldment–Upper	8	23	1
75-3510	Bolt–Shoulder	8	26	2
75-3530	Spring–Compression	8	3	1
75-3540	Pin–Roll	8	6	1
75-3550	Bumper–Seat	8	7	2
75-3580	Plate–Mounting, Seat	8	2	1
75-3680	Rod – Seat	6	18	1
75-3710	Dipstick	13	4	1
75-3750	Pin – Pivot	58	38	2
75-3780	Fan	35	52	1
75-3790	Clevis W.A.	60	12	1
75-3810	Bracket – Roller	58	11	2
75-3840	Fender – R.H.	1	3	1
75-3860	Fender – L.H.	1	29	1
75-3880	Plate – Seat	6	15	1
75-3920	Guide – Basket	67	12	1
75-3930	Pin – Basket	67	4	2
75-3940	Collar – Basket	67	10	1
75-3950	Bracket – Basket	67	11	1
75-3960	Spring – Torsion L.H.	67	*	1
75-3970	Spring – Torsion R.H.	67	9	1
75-4010	Basket – Grass	67	1	1
75-4020	Support – Basket Inner R.H.	67	*	1
75-4030	Support – Basket Inner L.H.	67	3	1
75-4040	Support – Basket Outer L.H.	67	15	1
75-4050	Support – Basket Outer R.H.	67	*	1
75-4060	Screen – Radiator	31	1	1
75-4080	Plate – Traction	28	15	1
75-4090	Switch Arm Assembly	28	21	1
75-4100	Control – Pump	28	25	1
75-4130	Plate – Switch	28	7	1
75-4180	Pin – Rear Axle Pivot	54	44	1
75-4220	Bracket – Fan	34	40	1
75-4250	Bracket – Expansion Tank	50	23	1
75-4260	Support – Radiator	31	5	1
75-4310	Shield – Radiator	31	30	1
75-4350	Shroud – Fan	31	12	1
75-4360	Bracket – Switch	6	8	1
75-4370	Bracket – Switch (Seat)	6	3	1
75-4400	Adaptor – Transmission	29	8	1
75-4410	Pivot Plate Assembly	54	42	1
75-4420	Spindle – Rear R.H.	53	*	1
75-4440	Spindle – Rear L.H.	53	15	1
75-4450	Hub – Fan Drive	34	6	1
75-4490	Bracket – Muffler	33	16	1
75-4520	Spring – Torsion R.H.	58	29	1
75-4530	Spring – Torsion L.H.	58	*	1
75-4550	Shaft – Center Arm Pivot	56	27	1
75-4590	Rod – Pivot	58	28	2
75-4630	Coupling – Driveshaft	33	7	1
75-4650	Bracket – Spring Rear L.H.	58	*	1
75-4690	Bracket – Spring Rear R.H.	58	6	1
75-4700	Hose – Fuel	20	13	1
75-4701	Hose – Fuel	20	15	1
75-4701	Hose – Fuel Vent	31	24	1
75-4710	Harness – Warning Light	11	*	1
75-4710	Harness – Wire	11	*	1
75-4720	Fitting – Hydraulic 90°	21	23	1
75-4900	Bearing Set STD	39	3	1
75-4910	Oil Pan Assembly	38	14	1
75-4920	Case	38	1	1
75-4930	Cylinder Head Assembly	40	28	1
75-4940	Brace – Alternator	49	23	1
75-4950	Gasket – Cylinder Head	40	25	1
75-4960	Block Assembly	39	1	1
75-4970	Element	45	8	3
75-4980	Lever – Governor Spring	47	7	1
75-4990	Spring – Governor	47	25	1
75-5000	Body	46	32	3
75-5010	Bearing Set STD	36	8	3
75-5020	Injector Pump Assembly	44	41	
75-5040	Gasket Kit	38	*	1
75-5050	Ring Set STD	36	11	3
75-5060	Ring Set 0.25 mm OS	36	*	3
75-5070	Ring Set 0.50 mm OS	36	*	3
75-5080	Piston & Pin Set STD	36	10	3

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
75–5090	Piston & Pin Set	36	*	3
75–5100	Piston & Pin Set	36	*	3
75–5110	Cover Assy.	36	24	1
75–5120	Gasket	37	45	1
75–5160	Plate – Support	32	56	2
75–5190	Decal – No Riders (English)	1	25	2
75–5200	Bracket – Spring R.H.	56	*	1
75–5210	Bracket – Spring Center	56	16	1
75–5220	Bracket – Spring L.H.	56	*	1
75–5240	Tube – Hydraulic	29	12	1
75–5240	Tube – Hydraulic	15	38	1
75–5250	Tube – Hydraulic	29	13	1
75–5250	Tube – Hydraulic	15	39	1
75–5260	Knob – Locking	6	38	2
75–5270	Spacer – Locking Knob	6	37	2
75–5300	Rod – Hose Support	17	24	2
75–5300	Rod – Hose Support	57	63	1
75–5310	Spacer – Bearing	34	5	1
75–5330	Clamp – Hose	56	8	3
75–5330	Clamp – Hydraulic Line	59	42	2
75–5350	Pin – Cylinder Rod End	58	22	2
75–5350	Pin – Cylinder Rod End	56	31	3
75–5360	Pin – Cylinder Cap End	59	39	2
75–5370	Mount – Clamp	56	36	1
75–5380	Bracket – Clamp	56	38	1
75–5390	Roller	58	14	2
75–5400	Shaft – Roller	58	13	2
75–5410	Bracket – Arm	57	53	2
75–5420	Lift Arm Assembly Center	56	40	1
75–5430	Lift Arm Assy. Rear L.H.	58	*	1
75–5440	Lift Arm Assy. Rear R.H.	58	23	1
75–5450	Lift Arm Assembly R.H.	56	1	1
75–5460	Lift Arm Assembly L.H.	56	32	1
75–5470	Spacer	28	12	2
75–5480	Manifold – Tank	13	14	1
75–5720	Hose – Hydraulic	13	19	1
75–5740	Box – Control	11	24	1
75–5810	Box – Tool	1	26	1
75–5880	Hose – Hydraulic	56	6	1
75–5890	Hose – Hydraulic	17	7	1
75–5890	Hose – Hydraulic	56	28	2
75–5890	Hose – Hydraulic	15	35	1
75–5900	Hose – Hydraulic	15	30	1
75–5900	Hose – Hydraulic	57	47	1
75–5910	Hose – Hydraulic	17	8	1
75–5910	Hose – Hydraulic	57	60	1
75–5940	Hose – Hydraulic	17	6	1
75–5940	Hose – Hydraulic AUX	3	23	1
75–5950	Hose – Hydraulic	15	16	1
75–5950	Hose – Hydraulic	17	20	1
75–5960	Hose – Hydraulic	19	16	1
75–5960	Hose – Hydraulic	17	22	1
75–5970	Hose – Hydraulic	19	20	1
75–5970	Hose – Hydraulic	17	23	1
75–5980	Hose – Hydraulic	17	1	1
75–5980	Hose – Hydraulic	19	5	1
75–5990	Hose – Hydraulic	19	17	1
75–5990	Hose – Hydraulic	15	37	1
75–6000	Hose – Hydraulic	15	4	1
75–6000	Hose – Hydraulic	19	6	1
75–6010	Hose – Hydraulic	19	15	1
75–6020	Hose – Hydraulic	17	11	1
75–6020	Hose – Hydraulic	18	15	1
75–6030	Hose – Hydraulic	19	1	1
75–6040	Hose – Hydraulic	19	10	1
75–6040	Hose – Hydraulic	15	27	1
75–6050	Hose – Hydraulic	19	14	1
75–6050	Hose – Hydraulic	15	24	1
75–6060	Hose – Hydraulic	18	12	1
75–6060	Hose – Hydraulic	15	33	1
75–6070	Hose – Hydraulic	18	14	1
75–6070	Hose – Hydraulic L.H. (Cap)	58	*	1
75–6080	Hose – Hydraulic	18	13	1
75–6080	Hose – Hydraulic L.H. (Rod)	58	*	1
75–6100	Hose – Hydraulic	19	12	1
75–6110	Hose – Hydraulic	19	9	1
75–6120	Hose – Hydraulic	19	11	1
75–6120	Hose – Hydraulic	15	15	1
75–6130	Hose – Hydraulic	13	9	1
75–6140	Hose – Hydraulic	13	30	1
75–6140	Hose – Hydraulic R.H.	31	46	1
75–6150	Hose – Hydraulic	21	15	1
75–6150	Hose – Hydraulic	31	20	1
75–6160	Hose – Hydraulic	15	21	1
75–6160	Hose – Hydraulic L.H.	31	*	1
75–6170	Hose – Hydraulic	21	11	1
75–6170	Hose – Hydraulic	31	17	1
75–6180	Hose – Hydraulic	18	1	2
75–6180	Hose – Hydraulic R.H.	58	16	2
75–6190	Hose – Hydraulic	19	8	1
75–6200	Hose – Hydraulic	17	12	1
75–6200	Hose – Hydraulic	13	21	1
75–6220	Hose – Hydraulic	53	34	1
75–6220	Hose – Hydraulic LT	3	24	1
75–6230	Hose – Hydraulic	53	*	1
75–6230	Hose – Hydraulic RT	3	18	1
75–6240	Hose – Hydraulic	29	14	1
75–6240	Hose – Hydraulic IN	3	19	1
75–6250	Hose – Hydraulic	13	17	1
75–6250	Hose – Hydraulic OUT	3	25	1
75–6260	Cover – Tool Box	1	23	1
75–6270	Cover – Control Box	11	15	1
75–6280	Bracket – Hose	2	46	1
75–6290	Radiator	31	7	1
75–6300	Sensor – Reed Switch	56	12	1
75–6310	Magnet – Reed Switch	57	51	1
75–6320	Sensor – Switch	6	6	1
75–6330	Magnet – Switch	6	5	1
75–6340	Strainer – In–Line	21	35	1
75–6350	Hose	21	25	1
75–6370	Cover – Sensor	57	49	1
75–6380	Shaft – Fan	34	1	1
75–6390	Pulley – Fan	34	3	1
75–6410	Yoke – Shaft	33	2	1
75–6420	Yoke – Slip Tube	33	3	1
75–6490	Lever – Pedal Stop	5	20	1
75–6510	Lever – Bracket	5	16	1
75–6550	Disc – Friction	5	17	1
75–6580	Cable – Pedal	5	7	1
75–6640	Fitting – Hydraulic 90°	15	20	2
75–6660	Cutting Unit Frame Assy.	65	10	1
75–6660	Cutting Unit Frame Assy.	66	10	1
75–6660	Frame – Cutting Unit	63	27	1
75–6710	Decal – Fast/Slow	5	18	1
75–6820	Meter – Hour	11	47	1
75–6830	Decal – Danger (English)	7	49	1
75–6840	Knob – Knurled	2	38	4
75–6850	Tube – Oil Fill	21	40	1
75–6870	Hose – Hydraulic Suction	13	28	1
75–6870	Hose – Suction	29	1	1
75–6880	Screen – Spark Arrester	33	*	1
75–6910	Solenoid Assembly	16	37	1
75–6930	Valve – SCR	27	52	1
75–7540	Decal – Warning (English)	2	49	1
76–1910	Shaft–Pivot	8	12	2
76–1920	Bushing–Sleeve	8	9	4
76–1930	Knob–Tension Adjustment	8	19	1
76–1940	Spring–Extension	8	14	2
76–2460	Assembly – Bearing	72	35	2
76–2940	Bumper–Rubber	8	8	2
76–2970	Bushing – Sleeve	54	43	2
76–2980	Washer – Thrust	53	41	1
76–8640	Stud – Traction	28	23	1
76–8730	Decal – Bolt Torque	21	22	2
76–8750	Plate – Caution	31	14	1
76–9430	Spring – Extension	28	8	1

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
77–0340	Screw – Spline	63	28	1
77–0340	Screw – Spline	73	53	1
77–0490	Decal – Bolt (English)	21	20	1
77–2870	Weldment–Hanger	8	18	1
80–4860	Pin–Clevis	8	1	1
82–6490	Hose – Hydraulic	57	65	1
82–6510	Support H.O.C. – Right	73	45	1
82–6530	Support H.O.C. – Left	72	41	1
82–6540	Frame W.A. – Carrier	72	8	1
82–6570	Shaft – Reel	73	46	1
82–6600	Spacer	73	42	23
82–6630	Bracket – H.O.C. RH	72	4	1
82–6650	Bracket – H.O.C. LH	72	20	1
82–6680	Assembly – Roller, Rear	72	15	1
82–6710	Assembly – Frame W.A.	73	51	1
82–6740	Assy. – Scraper, Rear	72	9	1
82–6770	Spring – Scraper	72	18	2
82–6780	Deflector – Rear	72	24	1
82–6810	Plate – Bearing	72	26	2
82–6820	Spacer – Bearing	72	25	2
82–6830	Bracket – Scraper	69	*8	5
82–6830	Bracket – Scraper	68	8	1
82–6830	Bracket – Scraper	73	44	1
82–6840	Spacer	71	9	10
82–6870	Scraper W.A. – RH	73	56	1
82–6880	Scraper W.A. – LH	72	30	1
82–6890	Washer – Special	71	3	20
82–8110	Retainer – Oil Guide	44	44	1
82–8270	Valve – Flow Control	18	9	1
82–8270	Valve – Flow Control	15	31	1
82–8520	Detent Assembly Kit	16	*	1
82–9060	Adjuster W/Handle	8	13	1
83–4700	Plate – Spring R.H.	71	*	5
83–4710	Plate – Spring L.H.	71	8	5
83–4720	Spring – Torsion R.H.	71	*	5
83–4730	Spring – Torsion L.H.	71	7	5
83–4780	Housing – Charge Pump	26	32	1
83–4870	Bracket – High Scraper R.H.	69	*7	5
83–4880	Bracket – High Scraper L.H.	69	*6	5
83–4910	Coupler – Pinion	24	40	1
83–5130	Spacer – Pinion	23	21	1
83–5210	H.O.C. – Right Rear	69	1	5
83–5230	H.O.C. – Left Rear	69	3	5
83–5240	Support – Front R.H.	69	5	5
83–5250	Support – Front L.H.	69	4	5
83–6780	Pin – Cylinder (Long)	57	61	2
83–6790	Pin – Cylinder (Short)	57	43	1
83–6930	Bracket – Scraper R.H.	68	2	1
83–6940	Bracket – Scraper L.H.	68	4	1
83–6950	Bracket – Scraper R.H.	68	1	1
83–6980	Bracket – Scraper L.H.	68	5	1
83–7370	Roof	75	1	1
83–7380	Insulation – Roof	75	14	1
83–7390	Seal	75	2	2
83–7400	Ear – Lift	75	3	2
83–7410	Roll – Bar	75	13	1
83–7420	Washer – Rubber	75	15	6
83–7430	Decal – Danger (English)	75	12	1
83–7440	Decal – Knob (English)	7	52	1
83–7450	Decal – Down (English)	32	60	1
83–7480	Hydraulic Cylinder Assembly	56	7	1
83–7490	Hydraulic Cylinder Assy.	57	67	1
84–1670	Head	60	9	1
84–1670	Head	62	9	1
84–1680	Ring–Retaining	60	11	1
84–1680	Ring–Retaining	62	11	1
84–1710	Piston	61	4	1
84–1720	Head	61	9	1
84–1730	Ring–Retaining	61	11	1
84–1740	Clevis W.A.	61	12	1
84–1760	Seal repair Kit	61	*	1
84–5280	Pin – Spring	16	38	2
84–8320	Insert – Hinge	56	10	4
85–4330	Cover – Gear	21	4	1
85–4340	Plate – Sensor Mounting	22	52	1
85–4350	Sensor – Gear Tooth	21	44	1
85–4360	Harness – Wire Main	10	1	1
85–4400	Controller – Electronic	11	31	1
85–4420	Gauge – Speedometer	11	2	1
85–4450	Bracket – Fuse Block	11	23	1
85–4600	Frame Assembly	1	32	1
85–4720	Decal – Instruction	11	27	1
85–4730	Decal – Hydraulic Oil	1	4	1
85–4730	Decal – Oil	17	26	1
85–4750	Box – Diagnostic–ACE	9	1	1
85–4820	Decal – Diagnostic–ACE	9	2	1
85–4830	Decal – Diagnostic Light	11	29	1
85–7180	Shaft – Roller	66	24	1
85–7190	Washer – Shield	66	22	2
85–7220	Rear Roller Assembly	65	16	1
85–7220	Rear Roller Assembly	66	16	1
85–9880	Hydraulic Cylinder Assembly	57	46	1
85–9880	Hydraulic Cylinder Assy.	59	40	2
85–9900	Plate – Spring Anchor	28	16	1
85–9910	Eyebolt	28	27	1
85–9970	Bearing Assembly	66	17	2
85–9980	Decal – ROPS	75	19	1
86–7190	Upper Housing	24	26	1
86–7200	Front Axle Assembly	21	43	1
86–7220	Gear – Pinion	21	32	1
86–7230	Gear–Spur	23	14	1
86–7330	Seal Repair Kit	62	*	1
86–7330	Seal repair Kit	60	*	1
86–7520	Trunion Cover Assy. R.H.	26	7	1
86–7530	Trunion Cover Assy. L.H.	27	49	1
86–7540	Shaft – Pump	26	11	1
86–7550	Connector – Cover (2 Way)	11	*	2
86–7560	Connector – Cover (3 Way)	11	*	3
86–9190	Hose – Hydraulic	15	14	2
86–9200	Sleeve – Pump	29	6	1
88–0430	Decal – A.C.E.	2	51	2
88–0440	Decal – Floor Plate	17	27	1
32151–12	Ring – Retaining	66	23	2
217–74	Bolt – Bedbar	63	33	2
217–120	Rim	22	46	2
217–121	Rim	53	20	2
218–446	Nut – Locking	11	10	1
218–447	Washer – E.T.L.W.	11	11	1
218–498	Nut – Hex.	11	4	2
218–498	Nut – Lock	31	42	2
218–573	Fuse – 5A	11	20	10
218–578	Fuse – 10A	11	*	1
218–579	Wire – Fuel Pump	20	29	1
218–590	Switch – Micro	11	38	2
218–594	Fuse – 20A	11	*	1
219–17	Bulb – Light	11	*	4
219–19	Bulb – Light	11	28	3
231–134	Tire	21	45	2
231–141	Tire	53	19	2
232–27	Stem – Valve	22	47	2
232–35	Stem – Valve	53	21	2
233–17	Knob – Parking Brake	3	9	1
233–42	Knob	5	19	1
233–42	Knob – Throttle	6	35	1
237–21	Seal – O–Ring	17	2	6
237–21	Seal – O–Ring	18	2	7
237–21	Seal – O–Ring	19	4	8
237–21	Seal – O–Ring	56	5	6
237–21	Seal – O–Ring	15	18	6
237–21	Seal – O–Ring	58	18	4
237–21	Seal – O–Ring	13	26	1
237–21	Seal – O–Ring	53	33	2
237–22	Seal – O–Ring	15	1	4
237–22	Seal – O–Ring	21	12	2
237–22	Seal – O–Ring	17	13	4
237–22	Seal – O–Ring	3	14	5

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
237-22	Seal – O-Ring	29	15	1
237-22	Seal – O-Ring	19	19	10
237-22	Seal – O-Ring	13	23	3
237-30	Seal – O-Ring	29	11	2
237-30	Seal – O-Ring	15	13	4
237-42	O-Ring	16	33	1
237-42	Seal – O-Ring	15	3	4
237-42	Seal – O-Ring	17	16	2
237-42	Seal – O-Ring	13	25	2
237-65	Seal – O-Ring	13	10	5
237-65	Seal – O-Ring	15	22	1
237-65	Seal – O-Ring	31	47	2
237-78	O-Ring	16	12	8
237-78	Seal – O-Ring	19	2	5
237-78	Seal – O-Ring	17	3	7
237-78	Seal – O-Ring	56	3	6
237-78	Seal – O-Ring	18	4	8
237-78	Seal – O-Ring	15	7	8
237-78	Seal – O-Ring	21	16	1
237-78	Seal – O-Ring	58	17	4
237-78	Seal – O-Ring	53	31	2
237-79	Seal – O-Ring	15	9	2
237-79	Seal – O-Ring	21	10	2
237-79	Seal – O-Ring	29	17	3
237-79	Seal – O-Ring	19	18	10
237-79	Seal – O-Ring	14	45	1
237-80	O-Ring	16	9	1
237-81	Seal – O-Ring	13	12	4
237-81	Seal – O-Ring	15	26	1
237-81	Seal – O-Ring	21	26	2
237-141	Bumper	2	42	2
237-141	Grommet	6	41	1
237-156	O-Ring	16	14	8
237-161	Seal – O-Ring	21	31	1
237-162	Seal – O-Ring	29	5	1
237-163	Seal – O-Ring	29	9	1
237-165	Grommet	54	46	2
237-181	Seal – O-Ring	21	3	1
240-3	Grommet	32	51	2
240-11	Grommet	20	27	3
240-11	Grommet	13	39	3
241-119	Cap – Dust	53	24	2
242-34	Stud-Flange, Axle	25	11	10
242-50	Nut – Lug	53	26	10
249-48	Swell Latch Assembly	11	5	1
2410-18	Plug	77	2	1
2410-73	Retainer – Tether	13	5	1
2411-36	Bearing – Rod End	5	2	1
2412-3	Clamp – Hose	31	19	4
2412-34	Clamp – Hose	29	2	1
2412-34	Clamp – Hose	13	18	3
2412-34	Clamp – Hose	21	24	2
2412-36	Clamp – Drain	20	16	1
2412-42	Clamp – Hose	50	2	1
2412-74	Clamp – Hose	31	23	1
2412-81	Clamp – R	33	19	1
2412-92	Clamp – Hose	34	16	1
2412-93	Clamp – R	50	11	1
2412-93	Clamp – R	13	32	2
2412-93	Clamp – R	7	50	1
2412-103	Clamp – R	31	25	1
2412-108	Clamp – Hose	50	8	1
2412-108	Clamp – Hose	31	9	1
2412-108	Clamp – Hose	20	12	7
2412-108	Clamp-Hose	52	5	2
2412-126	Clamp – R	35	54	1
2412-133	Clamp – R	6	42	2
251-77	Collar – Lock	72	37	2
251-259	Bearing	71	4	10
251-259	Bearing – Ball	28	11	2
251-318	Bearing – Ball	34	7	2
251-337	Bearing – Ball	72	34	2
253-61	Seal – Oil	63	22	1
253-96	Seal – Oil	63	32	2
253-129	Seal – Grease	53	28	2
254-65	Cone-Tapered Bearing	24	28	2
254-66	Cup-Tapered Bearing	24	27	2
254-72	Cup – Bearing	63	15	2
254-72	Cup – Bearing	53	17	4
254-91	Cone-Bearing	24	23	1
254-94	Cone – Bearing	53	16	4
254-94	Cone – Bearing	63	16	2
256-42	Bushing – Sleeve	5	34	2
256-113	Bushing – Flange	28	19	2
256-115	Washer – Thrust	58	26	6
256-115	Washer – Thrust	57	41	11
256-121	Washer – Thrust	53	12	2
256-236	Bearing – Flange	5	24	4
256-287	Bushing – Flange	58	30	4
282-4	Clevis – Spring	58	2	2
282-4	Clevis – Spring	56	21	3
283-6	Pin – Clevis	58	9	2
283-6	Pin – Clevis	56	15	3
283-58	Pin – Clevis	5	30	4
302-5	Fitting – Grease	65	4	4
302-5	Fitting – Grease	66	4	4
302-5	Fitting – Grease	53	11	4
302-5	Fitting – Grease	56	11	6
302-5	Fitting – Grease	60	13	1
302-5	Fitting – Grease	61	13	1
302-5	Fitting – Grease	62	13	1
302-5	Fitting – Grease	28	20	1
302-5	Fitting – Grease	58	24	4
302-5	Fitting – Grease	5	39	1
302-11	Fitting – Grease 45°	72	14	6
302-11	Fitting – Grease R.H. 45°	63	*	1
302-60	Fitting – Grease	65	2	1
302-60	Fitting – Grease	66	2	1
302-60	Fitting – Grease	72	6	1
302-60	Fitting – Grease L.H. 90°	63	34	1
304-46	Drain – Radiator	32	52	1
304-46	Fitting – Drain	20	31	1
321-2	Screw – Cap Hex. Hd.	13	6	1
321-2	Screw – Cap Hex. Hd.	50	12	1
321-2	Screw – Cap Hex. Hd.	22	49	1
321-4	Screw – Cap Hex. Hd.	63	6	2
321-4	Screw – Cap Hex. Hd.	31	16	7
321-4	Screw – Cap Hex. Hd.	11	33	3
321-4	Screw – Cap Hex. Hd.	56	35	2
321-4	Screw – Cap Hex. Hd.	6	46	1
321-4	Screw – Cap Hex. Hd.	73	49	2
321-4	Screw – Cap Hex. Hd.	35	50	1
321-6	Screw – Cap Hex. Hd.	50	24	2
321-8	Screw – Cap Hex. Hd.	20	6	2
321-11	Screw – Cap Hex. Hd.	17	5	4
321-11	Screw – Cap Hex. Hd.	18	6	4
321-23	Screw – Cap Hex. Hd.	71	10	10
321-23	Screw – Cap Hex. Hd.	13	13	2
321-39	Screw – Cap Hex. Hd.	1	10	7
321-39	Screw – Cap Hex. Hd.	11	26	2
322-1	Screw – Cap Hex. Hd.	67	13	1
322-2	Screw – Cap Hex. Hd.	31	40	2
322-2	Screw – Cap Hex. Hd.	35	51	4
322-3	Screw – Cap Hex. Hd.	3	1	2
322-3	Screw – Cap Hex. Hd.	6	13	9
322-3	Screw – Cap Hex. Hd.	34	14	4
322-3	Screw – Cap Hex. Hd.	28	18	2
322-3	Screw – Cap Hex. Hd.	5	25	8
322-3	Screw – Cap Hex. Hd.	1	27	4
322-3	Screw – Cap Hex. Hd.	15	28	4
322-3	Screw – Cap Hex. Hd.	50	28	6
322-3	Screw – Cap Hex. Hd.	11	35	4
322-3	Screw – Cap Hex. Hd.	73	55	2
322-4	Screw – Cap Hex. Hd.	33	12	1
322-4	Screw – Cap Hex. Hd.	50	15	3
322-4	Screw – Cap Hex. Hd.	31	32	2

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
322-4	Screw – Cap Hex. Hd.	1	33	2
322-5	Screw – Cap Hex. Hd.	63	1	1
322-5	Screw – Cap Hex. Hd.	31	3	10
322-5	Screw – Cap Hex. Hd.	58	4	6
322-5	Screw – Cap Hex. Hd.	1	18	4
322-5	Screw – Cap Hex. Hd.	56	26	3
322-5	Screw – Cap Hex. Hd.	34	35	8
322-5	Screw – Cap Hex. Hd.	73	54	1
322-6	Screw – Cap Hex.	59	46	2
322-6	Screw – Cap Hex. Hd.	67	6	1
322-6	Screw – Cap Hex. Hd.	32	59	1
322-7	Screw – Cap Hex. Hd.	28	10	1
322-7	Screw – Cap Hex. Hd.	72	40	6
322-9	Screw – Cap Hex. Hd.	33	1	2
322-9	Screw – Cap Hex. Hd.	71	1	10
322-10	Screw – Cap Hex. Hd.	28	3	1
322-11	Screw – Cap Hex. Hd.	34	39	1
322-12	Screw – Cap Hex. Hd.	33	23	2
322-12	Screw – Cap Hex. Hd.	59	43	2
323-2	Screw – Cap Hex. Hd. L.H.	63	21	1
323-4	Screw – Cap Hex. Hd.	14	43	2
323-4	Screw – Cap Hex. Hd.	7	47	2
323-5	Screw – Cap Hex. Hd.	20	25	3
323-5	Screw – Cap Hex. Hd.	13	36	3
323-6	Screw – Cap Hex. Hd.	53	1	4
323-6	Screw – Cap Hex. Hd.	67	2	2
323-6	Screw – Cap Hex. Hd.	75	5	2
323-6	Screw – Cap Hex. Hd.	34	9	2
323-6	Screw – Cap Hex. Hd.	65	12	2
323-6	Screw – Cap Hex. Hd.	66	12	2
323-6	Screw – Cap Hex. Hd.	72	28	6
323-7	Screw – Cap Hex. Hd.	65	21	4
323-7	Screw – Cap Hex. Hd.	66	21	4
323-7	Screw – Cap Hex. Hd.	73	48	4
323-8	Screw – Cap Hex. Hd.	5	3	1
323-8	Screw – Cap Hex. Hd.	34	42	1
323-9	Screw – Cap Hex. Hd.	74	3	2
323-9	Screw – Cap Hex. Hd.	50	19	1
323-9	Screw – Cap Hex. Hd.	35	55	1
323-10	Screw – Cap Hex. Hd.	56	39	1
323-11	Screw – Cap Hex. Hd.	34	32	3
323-12	Screw – Cap Hex. Hd.	29	3	2
323-12	Screw – Cap Hex. Hd.	21	28	2
323-12	Screw – Cap Hex. Hd.	57	56	2
323-20	Screw – Cap Hex. Hd.	21	42	2
323-49	Screw – Cap Hex. Hd.	65	6	2
323-49	Screw – Cap Hex. Hd.	66	6	2
323-49	Screw – Special	72	13	2
323-50	Screw – Cap Hex. Hd.	70	5	2
323-53	Screw – Cap Hex. Hd.	72	10	2
324-6	Screw – Cap Hex. Hd.	21	21	4
324-23	Screw–Cap, Hex Hd.	23	11	4
325-4	Screw – Cap Hex. Hd.	58	36	4
325-4	Screw – Cap Hex. Hd.	57	59	6
325-5	Screw – Cap Hex. Hd.	75	8	9
325-7	Screw – Cap Hex. Hd.	21	6	2
325-8	Screw – Cap Hex. Hd.	76	4	2
327-2	Screw – Cap Hex. Hd.	53	3	1
328-7	Screw – Cap Hex. Hd.	56	18	4
328-12	Screw – Cap Hex. Hd.	56	13	2
328-25	Screw – Cap Hex. Hd.	53	30	1
328-27	Screw – Cap Hex. Hd.	54	49	1
3210-7	Screw–Cap, Hex Hd.	23	19	8
3212-4	Screw – Cap Hex. Hd.	75	*	2
3217-6	Nut – Hex.	28	28	1
3217-9	Nut – Hex.	76	1	2
3217-9	Nut – Lock	75	9	3
3218-1	Nut – Jam	21	2	1
3218-3	Nut – Hex. Jam	72	11	4
3218-3	Nut – Jam	70	4	4
3219-2	Nut	23	1	8
3219-14	Nut – Hex.	77	3	1
3220-3	Nut – Jam	5	1	2
3220-3	Nut – Jam	53	14	8
3220-5	Nut – Jam	53	36	2
3220-6	Nut	4	27	1
3220-6	Nut – Steering Wheel	3	8	1
3220-12	Nut – Jam L.H. Thread	53	38	2
3220-18	Nut – Jam	72	32	1
3230-1	Bolt – Carriage	69	*9	10
3230-1	Bolt – Carriage	68	3	2
3230-2	Bolt – Carriage	34	13	1
3231-2	Bolt – Carriage	65	5	2
3231-2	Bolt – Carriage	66	5	2
3231-3	Bolt – Carriage	72	21	2
3234-14	Screw – Hex. Washer Hd.	1	30	14
3234-23	Screw – Hex. Flange Hd.	74	5	6
3242-1	Screw – Set	72	19	4
3242-1	Screw – Set Sq. Hd.	69	2	20
3242-1	Screw – Sq. Hd. Set	65	8	4
3242-1	Screw – Sq. Hd. Set	66	8	4
3243-13	Screw – Sq. Hd. Set	63	8	4
3245-35	Screw – Set	72	33	2
3250-29	Screw – Cap Hex. Hd.	6	7	4
3250-45	Screw – Pan Hd.	75	10	6
3253-3	Washer – Lock	75	16	6
3253-3	Washer – Lock	11	32	3
3253-3	Washer – Lock	6	32	1
3253-3	Washer – Lock	22	50	1
3253-4	Washer – Lock	3	2	2
3253-4	Washer – Lock	63	2	1
3253-4	Washer – Lock	71	2	10
3253-4	Washer – Lock	67	7	2
3253-4	Washer – Lock	58	10	2
3253-4	Washer – Lock	6	12	4
3253-4	Washer – Lock	1	17	14
3253-4	Washer – Lock	28	17	2
3253-4	Washer – Lock	15	29	4
3253-4	Washer – Lock	72	39	7
3253-4	Washer – Lock	35	49	4
3253-4	Washer – Lock	32	53	5
3253-5	Washer – Lock	29	4	2
3253-6	Washer – Lock	75	*	2
3253-6	Washer–Lock	8	25	2
3253-7	Washer – Lock	75	7	9
3253-7	Washer – Lock	59	44	4
3253-7	Washer – Lock	57	58	6
3253-15	Washer – Lock	20	9	5
3253-21	Washer – Lock	65	11	2
3253-21	Washer – Lock	66	11	2
3253-21	Washer – Lock	50	20	1
3253-21	Washer – Lock	21	29	2
3253-21	Washer – Lock	72	29	6
3253-21	Washer – Lock	14	42	2
3253-21	Washer – Lock	35	56	1
3253-27	Washer – Lock	76	2	2
3255-8	Washer – Lock	34	18	2
3255-8	Washer–Lock	23	2	8
3255-9	Washer – E.T.L.W.	63	31	4
3255-9	Washer – Lock E.T.L.W.	34	30	1
3256-1	Washer – Flat	63	7	2
3256-1	Washer – Flat	11	13	5
3256-1	Washer – Flat	3	29	2
3256-1	Washer – Flat	2	44	10
3256-1	Washer – Flat	73	47	2
3256-2	Washer – Flat	6	11	8
3256-3	Washer – Flat	1	24	4
3256-3	Washer – Flat	11	34	4
3256-5	Washer – Flat	8	4	1
3256-6	Washer – Flat	58	33	4
3256-6	Washer – Flat	57	57	6
3256-13	Washer – Flat	32	55	7
3256-22	Washer – Flat	20	4	2
3256-22	Washer – Flat	5	6	2
3256-22	Washer – Flat	3	11	4
3256-22	Washer – Flat	75	11	6

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3256–22	Washer – Flat	31	15	4
3256–22	Washer – Flat	56	34	2
3256–23	Washer – Flat	69	*11	10
3256–23	Washer – Flat	31	4	12
3256–23	Washer – Flat	68	6	2
3256–23	Washer – Flat	58	8	10
3256–23	Washer – Flat	3	15	6
3256–23	Washer – Flat	1	16	6
3256–23	Washer – Flat	56	25	3
3256–23	Washer – Flat	50	27	2
3256–23	Washer – Flat	34	38	5
3256–23	Washer – Flat	72	38	8
3256–23	Washer – Lock E.T.L.W.	3	31	1
3256–24	Washer	8	5	1
3256–24	Washer – Flat	53	2	2
3256–24	Washer – Flat	70	3	4
3256–24	Washer – Flat	5	4	1
3256–24	Washer – Flat	75	4	4
3256–24	Washer – Flat	72	12	8
3256–24	Washer – Flat	6	16	3
3256–24	Washer – Flat	50	21	1
3256–24	Washer – Flat	56	24	3
3256–24	Washer – Flat	58	34	4
3256–24	Washer – Flat	34	37	4
3256–24	Washer – Flat	14	41	2
3256–25	Washer – Flat	21	38	4
3256–26	Washer – Flat	28	2	1
3256–26	Washer – Flat	75	6	9
3256–26	Washer – Flat	3	22	1
3256–26	Washer–Flat	8	24	2
3256–28	Washer – Flat	53	22	2
3256–46	Washer–Flat	8	20	1
3256–49	Washer – Flat	63	10	4
3256–49	Washer – Flat	67	16	10
3256–69	Washer – Thrust	5	31	3
3256–71	Washer – Flat	67	8	2
3256–78	Washer – Flat	71	5	10
3258–19	Screw–Machine	51	6	2
3258–166	Screw – Phillip Hd.	11	12	5
3258–166	Screw – Phillip Hd.	3	28	2
3258–166	Screw – Phillip Hd.	2	45	3
3269–3	Rivet – Pop	70	6	4
3269–3	Rivet – Pop	72	17	4
3269–13	Rivet – Pop	31	29	7
3269–15	Rivet – Pop	32	49	8
3269–28	Rivet – Pop	67	14	10
3272–2	Pin – Cotter	5	5	2
3272–4	Pin – Cotter	1	20	2
3272–5	Pin – Cotter	3	17	3
3272–10	Pin – Cotter	28	1	1
3272–10	Pin – Cotter	58	3	2
3272–10	Pin – Cotter	56	17	3
3272–10	Pin – Cotter	3	21	1
3272–10	Pin – Cotter	5	40	4
3272–11	Pin – Cotter	6	17	2
3272–13	Pin – Cotter	53	25	2
3273–26	Screw – Hex. Socket Hd.	11	45	2
3290–93	Screw – Cap Hex. Hd.	11	39	4
3290–271	Rivet – Pop	31	13	2
3290–354	Plate – Nut	11	36	2
3290–378	Tie – Cable	3	*	3
3290–378	Tie – Cable	32	57	1
3290–379	Tie – Cable	56	14	3
3290–379	Tie – Cable	59	45	1
3290–409	Rivet – Pop	63	12	4
3290–461	Washer – Belleville	5	21	1
3290–488	Boot – Lift Control	11	40	1
3290–489	Knob – Lift Control	11	3	1
3296–2	Nut – Lock	11	18	3
3296–9	Nut – Hex.	28	24	2
3296–20	Nut – Lock	3	16	4
3296–23	Nut – Lock	21	19	2
3296–29	Nut – Lock	69	*10	10
3296–29	Nut – Lock	58	7	6
3296–29	Nut – Lock	68	7	2
3296–29	Nut – Lock	28	9	4
3296–29	Nut – Lock	33	17	5
3296–29	Nut – Lock	34	21	9
3296–29	Nut – Lock	5	23	8
3296–29	Nut – Lock	50	26	4
3296–29	Nut – Lock	31	27	10
3296–29	Nut – Lock	6	39	9
3296–29	Nut – Lock	57	45	3
3296–29	Nut – Lock	73	52	2
3296–39	Nut – Lock	53	5	2
3296–39	Nut – Lock	65	9	8
3296–39	Nut – Lock	66	9	8
3296–39	Nut – Lock	72	16	8
3296–39	Nut – Lock	75	18	2
3296–39	Nut – Lock	6	28	3
3296–39	Nut – Lock	34	29	5
3296–39	Nut – Lock	21	30	2
3296–39	Nut – Lock	58	35	4
3296–39	Nut – Lock	5	38	1
3296–39	Nut – Lock	57	52	2
3296–39	Nut – Lock L.H.	63	20	2
3296–42	Nut – Lock	20	3	2
3296–42	Nut – Lock	71	6	10
3296–42	Nut – Lock	1	9	10
3296–42	Nut – Lock	18	10	4
3296–42	Nut – Lock	50	10	3
3296–42	Nut – Lock	31	11	7
3296–42	Nut – Lock	63	13	2
3296–42	Nut – Lock	13	15	2
3296–42	Nut – Lock	17	17	4
3296–42	Nut – Lock	11	22	7
3296–42	Nut – Lock	72	22	2
3296–42	Nut – Lock	3	30	2
3296–42	Nut – Lock	56	37	2
3296–42	Nut – Lock	34	47	1
3296–44	Nut – Lock	56	23	4
3296–44	Nut–Lock	8	22	1
3296–48	Nut – Lock	21	39	4
3296–51	Nut – Lock	56	19	6
3296–54	Nut – Lock	6	4	4
3296–56	Nut – Lock	22	53	2
3296–59	Nut – Lock	5	22	1
3296–59	Nut – Lock	6	36	2
3296–60	Nut – Reel	63	17	1
32104–76	Screw – Thread Forming	57	48	2
32105–1	Screw – Cap Hex. Hd.	11	43	1
32105–8	Screw – Cap Hex. Hd.	31	43	2
32105–13	Screw – Cap Hex. Hd.	11	17	2
32105–21	Screw	28	4	2
32107–11	Nut–Square	51	5	2
32108–9	Screw – Machine	22	54	1
32111–7	Nut – Acorn	75	17	6
32120–74	Ring – Retaining	27	53	1
32120–93	Ring – Retaining	58	20	4
32120–93	Ring – Retaining	56	29	6
32121–2	Pin – Roll	34	2	2
32121–6	Pin – Roll	5	9	1
32121–11	Pin – Roll	67	5	1
32121–12	Pin – Roll	72	23	2
32121–16	Pin – Roll	5	32	1
32121–38	Pin – Roll	6	19	1
32121–45	Pin – Roll	5	10	2
32121–50	Pin – Roll	5	41	1
32121–122	Pin – Roll	58	32	2
32121–122	Pin – Roll	57	55	3
32122–22	Screw – Phillip Hd.	77	2	1
32122–24	Screw – Round Hd.	20	10	5
32128–19	Nut – Flange Lock	74	2	2
32128–25	Nut – Lock	50	29	3
32128–26	Nut–Flange	8	21	4
32128–36	Nut – Flange Lock R.H.	63	*	2

*Not Illustrated

PART NUMBER INDEX (Continued)

Part No.	Description	Pg. No.	Ref. No.	Qty.
32136–5	Nut – Slotted	53	23	2
32144–1	Screw – Cap Hex. Hd.	11	41	2
32144–10	Screw – Hex. Washer Hd.	13	33	2
32144–14	Screw – Self Tapping	57	66	3
32144–18	Screw – Cap Hex. Hd.	11	46	2
32144–21	Screw	3	6	1
32144–22	Screw – Cap Hex. Hd.	28	13	4
32144–73	Screw – Self Tapping	63	3	5
32144–112	Screw – Cap Hex. Hd.	22	51	8
32144–112	Screw–Thread Forming	23	13	8
32149–1	Nut – Lock	34	45	1
32149–7	Nut – Lock	31	26	2
32151–36	Ring – Retaining	53	7	2
32151–36	Ring – Retaining	58	15	4
32151–36	Ring – Retaining	57	42	6
32151–41	Ring–Retaining	64	13	1
32151–48	Ring – Retaining	58	5	2
32151–48	Ring – Retaining	56	20	3
32151–61	Ring – Retaining	58	12	4
32151–62	Ring – Retaining	21	33	1
32151–77	Ring – Retaining	53	40	1
32151–94	Ring – Retaining	57	50	1
32152–10	Nut	60	2	1
32152–10	Nut	61	2	1
32152–10	Nut	62	2	1
32153–6	Nut – Lock	53	6	2
3333–975	Tie – Cable	32	58	1
340–2	Fitting – Hydraulic Straight	15	5	1
340–3	Fitting – Hydraulic Straight	21	14	1
340–3	Fitting – Hydraulic Straight	29	16	1
340–4	Fitting – Hydraulic Straight	29	10	2
340–8	Fitting – Hydraulic Straight	13	11	1
340–8	Fitting – Hydraulic Straight	14	40	1
340–13	Fitting – Hydraulic Straight	18	16	2
340–13	Fitting – Hydraulic Straight	15	19	2
340–18	Fitting – Hydraulic 90°	21	13	1
340–18	Fitting – Hydraulic 90°	19	7	10
340–21	Fitting – Hydraulic Tee	19	13	1
340–77	Fitting – Hydraulic 90°	15	2	2
340–77	Fitting – Hydraulic 90°	17	19	1
340–77	Fitting – Hydraulic 90°	13	22	1
340–82	Fitting – Hydraulic 90°	17	15	1
340–92	Fitting – Hydraulic Straight	18	3	4
340–92	Fitting – Hydraulic Straight	17	10	3
340–92	Fitting – Hydraulic Straight	15	17	2
340–92	Fitting – Hydraulic Straight	15	34	1
340–101	Fitting – Hydraulic Straight	15	10	2
340–103	Fitting – Hydraulic 45°	19	3	5
340–103	Fitting – Hydraulic 45°	53	32	2
340–103	Fitting – Hydraulic 45°	57	64	1
340–108	Fitting – Hydraulic 90°	32	48	2
340–132	Fitting – Hydraulic 90°	17	4	3
340–132	Fitting – Hydraulic 90°	56	4	5
340–132	Fitting – Hydraulic 90°	15	8	1
340–132	Fitting – Hydraulic 90°	18	11	1
340–132	Fitting – Hydraulic 90°	58	19	4
340–137	Fitting – Hydraulic 45°	13	27	1
340–139	Fitting – Hydraulic 90°	15	23	1
340–139	Fitting – Hydraulic 90°	13	35	1
340–143	Fitting – Hydraulic 90°	18	8	1
340–143	Fitting – Hydraulic 90°	15	32	1
340–151	Fitting – Hydraulic Tee	17	14	1
353–512	Fitting – Hydraulic Plug	18	5	2
353–550	Fitting – Plug	14	44	1
353–599	Pin–Dowel	64	3	2
353–682	Fitting – Hydraulic Straight	13	20	1
353–781	Fitting–Elbow	52	1	2
353–886	Ring – Retaining	30	8	2
353–922	Seal – Ring	30	6	6
353–989	Plug	16	34	1
353–990	Plug	16	11	10
353–991	Plug	16	13	8
354–5	Coupling	30	14	2
354–13	Pin– Dowel	30	13	2
354–14	Pin – Dowel	30	21	2
354–15	Seal – Oil	30	22	1
354–16	Washer	30	4	4
354–20	Fitting – Fuel Tee	20	17	1
354–21	Fitting – Fuel Straight	20	18	1
354–22	Fitting – Fuel Straight	20	14	2
354–35	Gasket	30	29	1
354–36	Cap – Adjuster Valve	30	30	1
354–37	Adjuster – Valve	30	28	1
354–38	Ball – Valve	30	26	1
354–39	Spring – Compression	30	27	1
354–44	Body Assy.	64	10	1
354–45	Idler Gear Assembly	64	6	1
354–46	Ring–Seal	64	8	1
354–47	Cover Assy.	64	4	1
354–49	Drive Shaft Assembly	64	7	1
354–50	Screw–Hex Socket Hd.	64	1	4
354–51	Washer	64	2	4
354–52	Shaft – Drive	30	24	1
354–53	Pump Body Assembly	30	23	1
354–54	Plate – Gear	30	1	2
354–55	Plate Assembly	30	25	1
354–56	Pin – Dowel	30	2	2
354–57	Gear – Drive	30	20	1
354–58	Plate Assembly	30	15	1
354–59	Shaft – Drive	30	11	1
354–60	Plate – Gear	30	7	1
354–61	Key – Woodruff	30	10	1
354–62	Gear	30	9	1
354–63	Cover Assembly	30	5	1
354–64	Screw – Cap Hex. Hd.	30	3	4
354–65	Idler Shaft Assembly	30	12	1
354–66	Shaft – Idler	30	19	2
354–67	Seal – Pre–Load Hi Pressure	30	17	4
354–68	Plate – Load	30	18	4
354–69	Seal – Load Hi Pressure	30	16	4
354–70	Plug	16	10	1
354–72	Fitting – Hydraulic 45°	21	36	1
354–73	Fitting – Hydraulic Straight	13	24	2
354–74	Fitting 0 Hydraulic Plug	13	16	1
354–75	Fitting – Hydraulic 90°	21	34	1
354–77	Fitting – Hydraulic Test Port	21	17	1
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*Not Illustrated

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PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Reelmaster® 223D 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 223D, 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 223D.
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

Date								

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

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