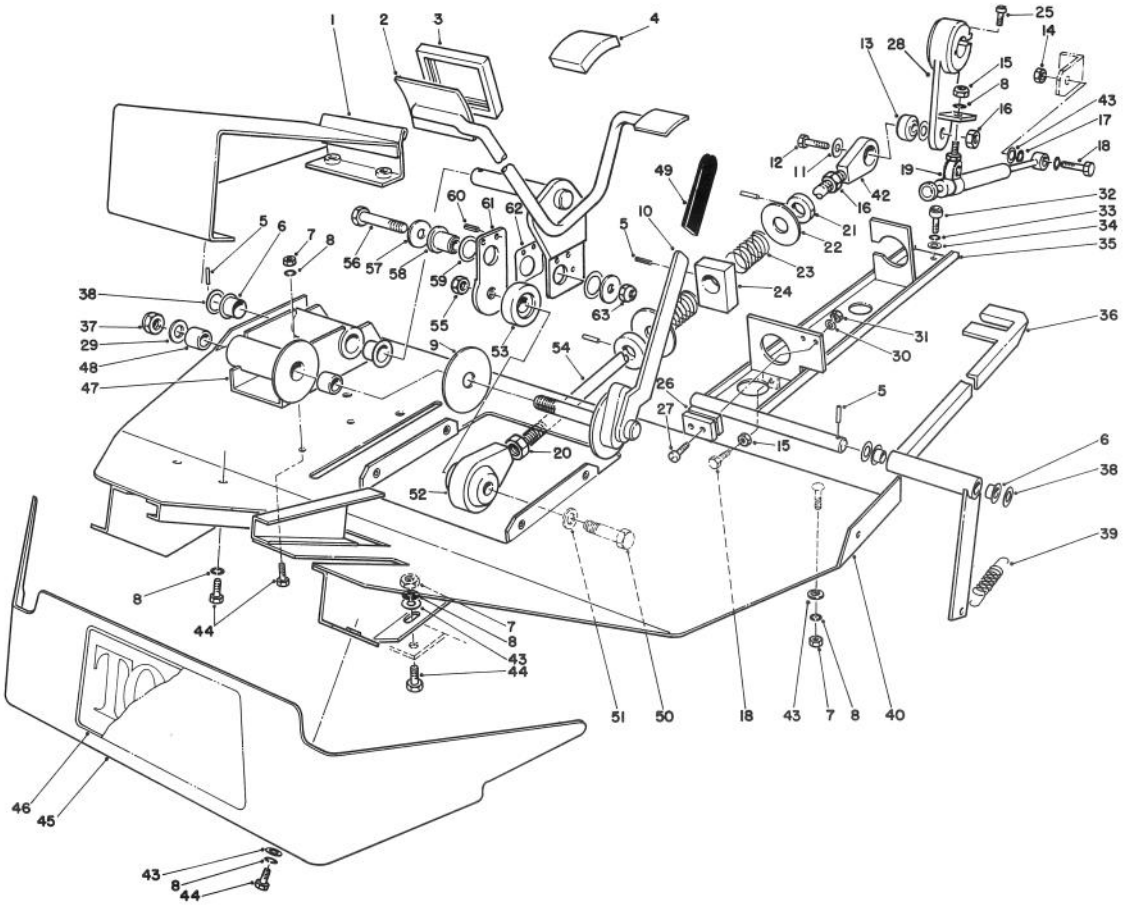
FORM NO. 3315–644

TORO®

MODEL NO. 03700–30001 & UP
MODEL NO. 03701–30001 & UP

PARTS CATALOG

REELMASTER® 450D



T–0113

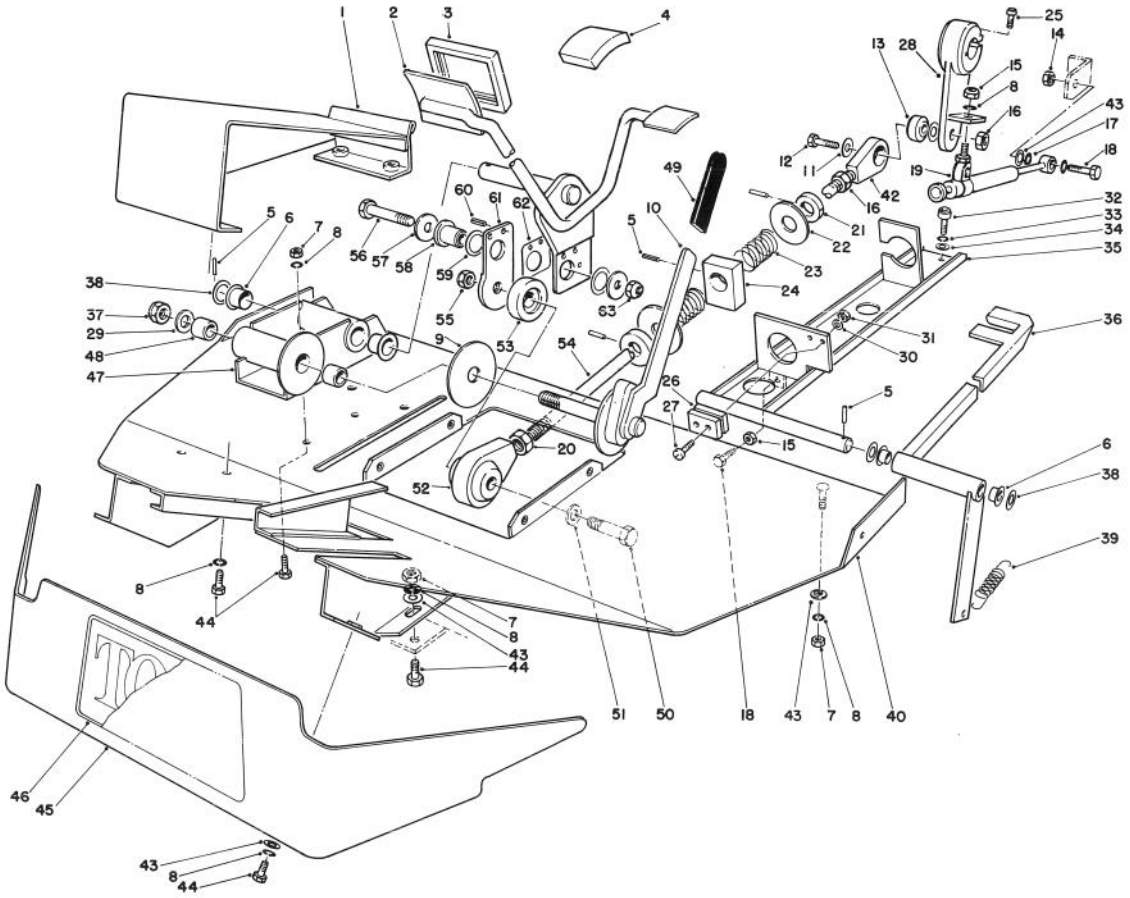
FOOT REST & PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	58–9580	Foot Rest	1
2	76–3280	Pedal – Traction	1
3	74–9100	Pad – Forward	1
4	74–9110	Pad – Reverse	1
5	60–2110	Pin – Roll	5
6	48–6790	Bushing – Flanged	4
7	48–7930	Nut – Hex.	7
8	48–9570	Washer – Lock	15
9	3–2858	Disc – Friction	1
10	60–1130	Lever	1
11	3290–483	Washer	3
12	325–9	Bolt	1
13	47–7030	Bushing – Rubber	1
14	48–9510	Nut – Hex.	1
15	48–7930	Nut – Hex.	3
16	3217–9	Nut – Hex.	2
17	3290–482	Washer	2
18	48–7740	Bolt	3

Ref. No.	Part No.	Description	No. Used
19	48–7100	Dampener	1
20	3219–5	Nut – Hex.	1
21	58–4310	Ring	2
22	58–5100	Washer	2
23	60–5700	Spring	2
24	58–9010	Block	1
25	60–6540	Bolt	1
26	29–6163	Switch	2
27	3250–40	Screw	2
28	58–7800	Lever Pump	1
29	60–6990	Washer	1
30	3255–24	Washer – Lock	2
31	3217–29	Nut – Hex.	2
32	3274–7	Bolt	2
33	3253–5	Washer – Lock	2
34	3256–24	Washer	2
35	60–0730	Bracket – Lock, Neutral	1

TPS

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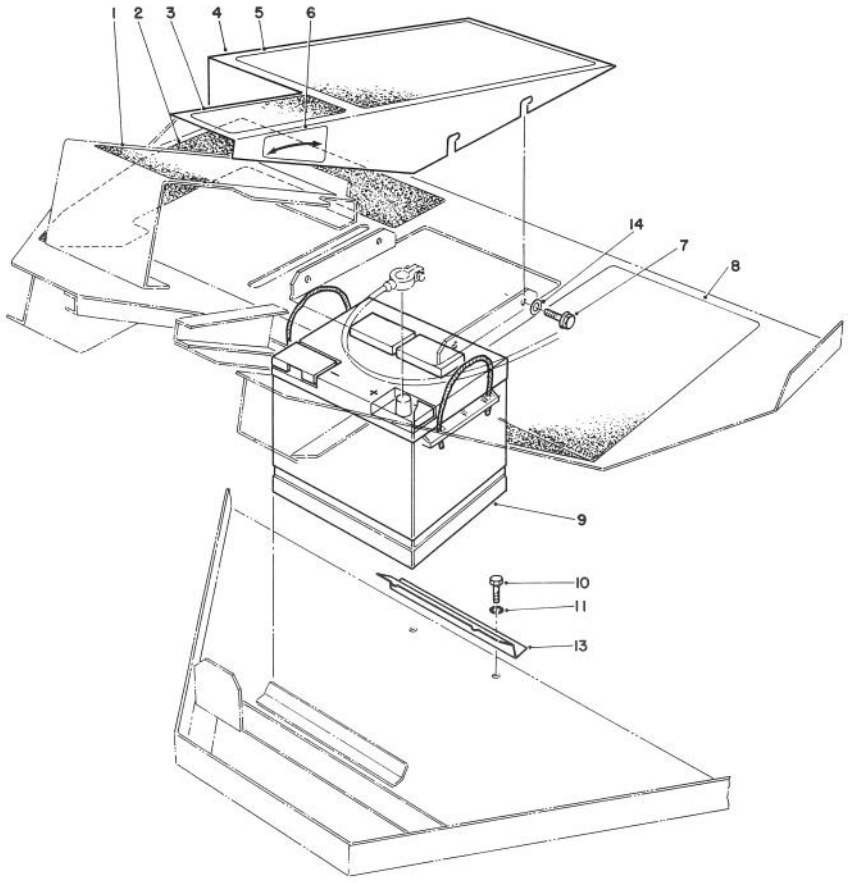


T–0113

FOOT REST & PEDALS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
36	58–0800	Lever – Neutral Lock	1
37	3296–19	Nut – Lock	1
38	60–6740	Washer	3
39	48–6940	Spring	1
40	58–7290	Plate – Floor	1
42	60–0760	Clevis	1
43	48–8030	Washer	6
44	66–3160	Bolt	11
45	58–0400	Shroud – Front	1
46	62–7400	Decal – Toro	1
47	60–0600	Bracket	1
48	60–1110	Bushing	2
49	3–7877	Grip	1
50	325–8	Screw – Cap Hex. Hd.	1

Ref. No.	Part No.	Description	No. Used
51	3256–26	Washer – Flat	1
52	2411–44	Rod End – Ball Joint	1
53	76–3350	Spacer	1
54	76–3430	Rod	1
55	3296–25	Nut – Lock	1
56	3211–6	Screw – Cap Hex. Hd.	1
57	3256–45	Washer – Flat	2
58	76–3370	Bushing	1
59	3256–76	Washer – Flat	2
60	32121–11	Pin – Roll	2
61	76–3340	Link	1
62	76–3330	Spacer	1
63	3296–6	Nut – Lock	1



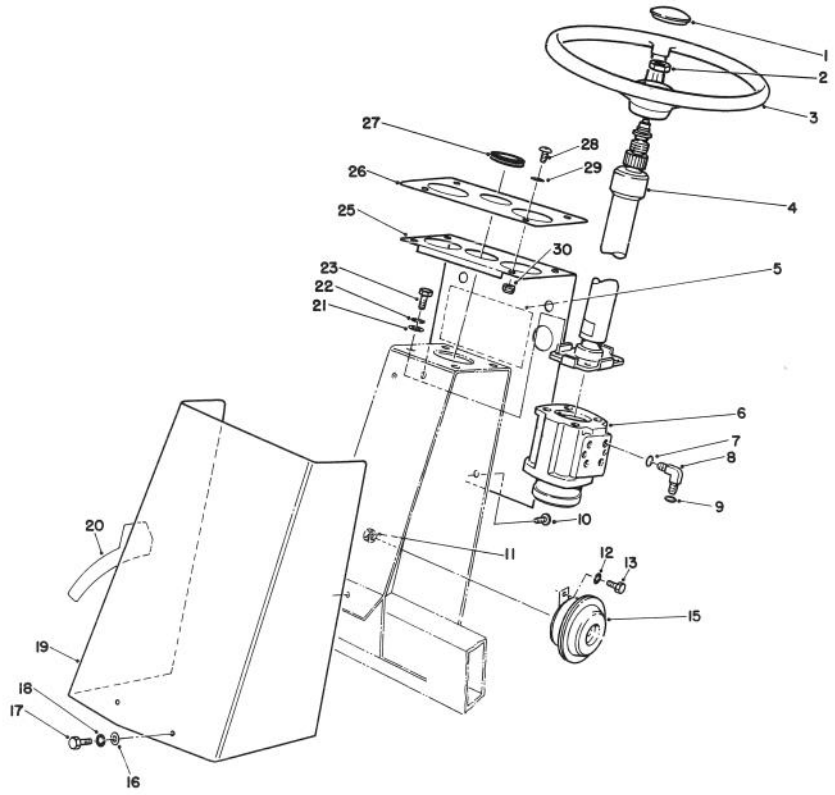
T–0114

FOOT PADS & BATTERY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	59–7280	Foot Pad – Traction	1
2	58–6510	Foot Pad – R.H.	1
3	62–6440	Foot Pad	1
4	58–7390	Assembly – Foot Rest	1
5	58–6630	Foot Pad – Center	1
6	59–7960	Decal – Latch	1
7	48–7620	Bolt – Flange, Hex. Hd.	3

Ref. No.	Part No.	Description	No. Used
8	58–6620	Foot Pad – L.H.	1
†9		Battery	1
10	322–4	Screw – Cap Hex. Hd.	2
11	3253–4	Washer – Lock	2
13	58–7270	Bar – Clamp	1
14	3256–16	Washer – Flat	3

†Obtain Locally

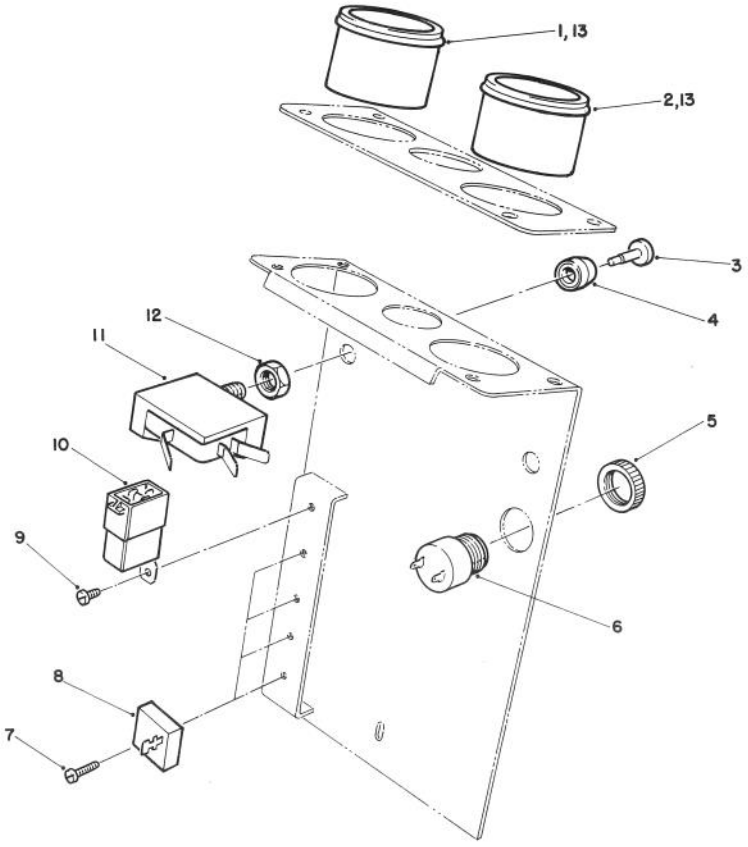


T–0115

STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	72–0130	Button – Horn	1
2	47–6990	Nut – Hex.	1
3	68–8080	Wheel – Steering	1
4	58–5960	Column – Steering	1
5	77–4830	Decal	1
6	74–2720	Valve – Steering	1
7	237–79	O–Ring	4
8	340–18	Fitting (Incl. Ref. #7 & 9)	4
9	237–22	O–Ring	4
10	60–3260	Screw	1
11	3217–6	Nut	1
12	3253–4	Washer – Lock	1
13	322–3	Screw – Cap Hex. Hd.	1
15	48–4590	Horn	1
16	48–8010	Washer	2

Ref. No.	Part No.	Description	No. Used
17	48–7610	Screw – Cap Hex. Hd.	2
18	43–5930	Washer – Lock	2
19	58–0500	Cover	1
20	63–4540	Decal – Ground Speed (Model No. 03700)	1
20	63–4530	Decal – Ground Speed (Model No. 03701)	1
21	3256–24	Washer – Flat	4
22	3253–5	Washer – Lock	4
23	323–8	Screw – Cap Hex. Hd.	4
25	82–9310	Panel – Display	1
26	82–5890	Panel – Display	1
27	60–0790	Grommet	1
28	3274–68	Screw – Hex. Button Hd.	4
29	3256–1	Washer – Flat	4
30	3296–42	Nut – Lock	4

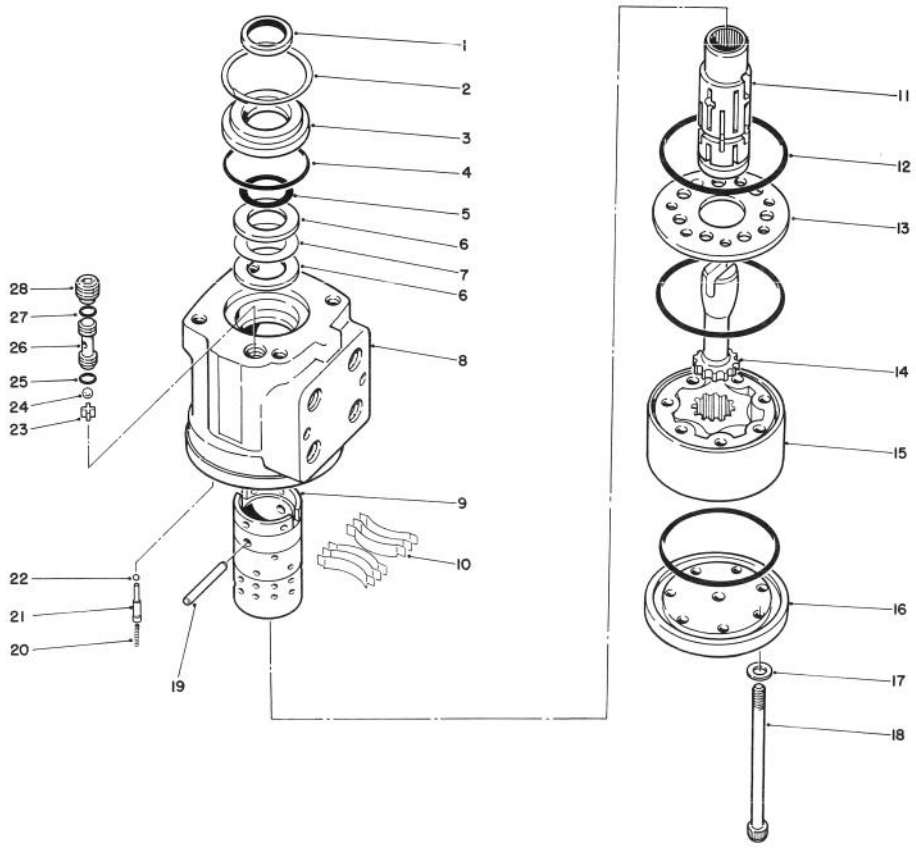


T-1222

STEERING TOWER ELECTRICAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	71-4210	Cluster – Lights, Warning	1
2	71-4200	Cluster – Lights, Warning	1
3	43-6280	Button – Push	2
4	43-6420	Bezel – Locking	2
‡5		Nut	1
6	80-9330	Alarm – Audio (Incl. Ref. #5)	1
7	3251-4	Screw – Pan Hd.	4
8	37-7600	Rectifier	4
9	3251-1	Screw – Pan Hd.	1
10	63-7590	Relay	1
11	43-6290	Switch (Incl. Ref. #3, 4 & 12)	2
12	218-498	Nut – Hex.	2
*13	219-17	Bulb – Light	8

‡Not Serviceable Separately
*Not Illustrated



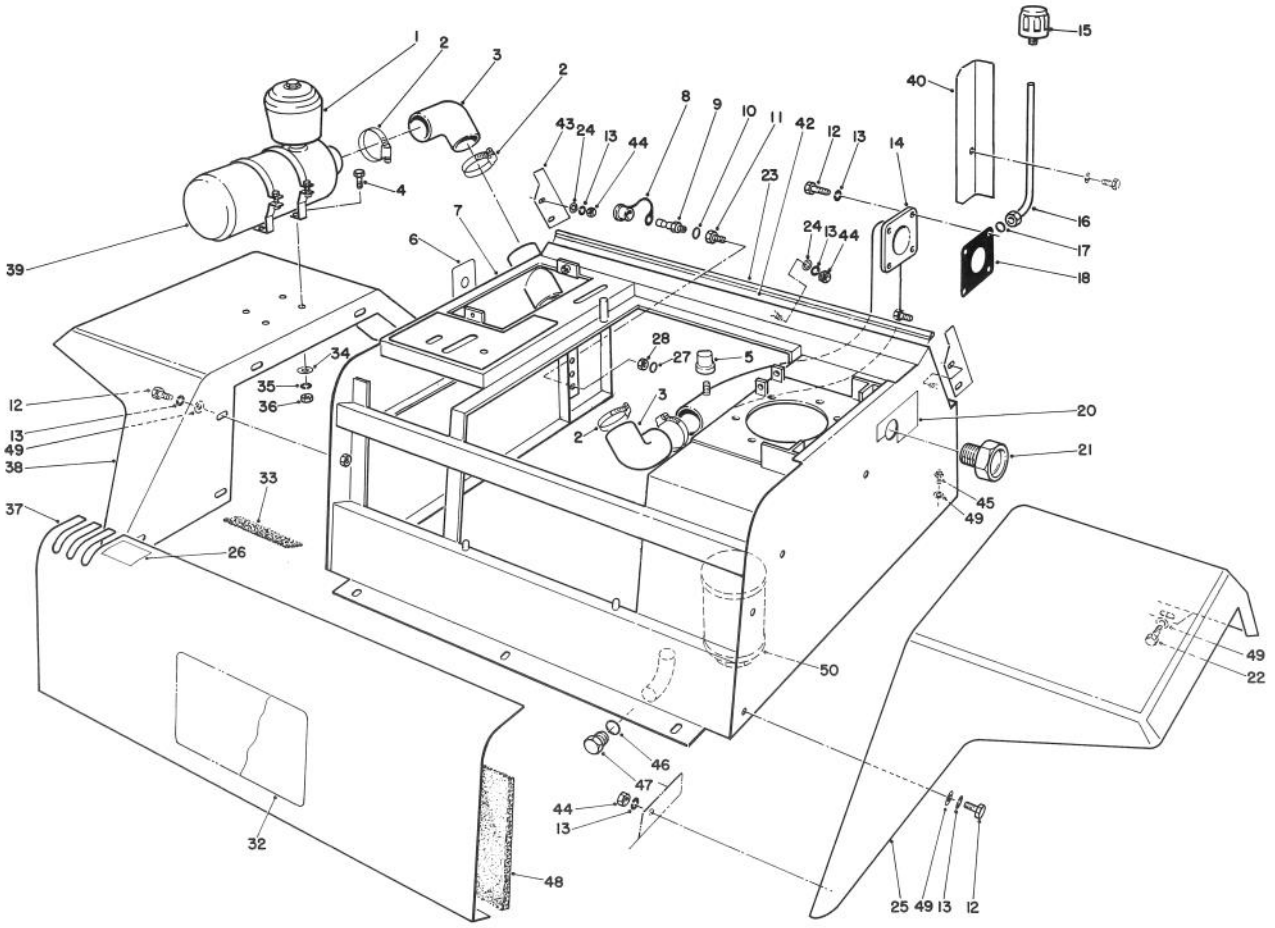
T–1065

POWER STEERING VALVE ASSEMBLY NO. 74–2720

Ref. No.	Part No.	Description	No. Used
†1		Seal 1" I.D.	1
2	52–9230	Ring – Retaining	1
3	52–9240	Bushing – Seal Gland	1
†4		Seal 1.875 I.D.	1
†5		Seal – Quad Ring 1.062 I.D.	1
6	59–6730	Race – Bearing	2
7	59–6740	Bearing – Needle, Thrust	1
†8		Housing	1
†9		Sleeve – Control	1
10	59–6820	Kit – Centering Spring	1
†11		Spool – Control	1
†12		Seal	3
13	74–3100	Plate – Spacer	1
14	59–6860	Drive	1
15	59–6870	Gerotor	1
16	59–6890	Cap – End	1
17	70–8290	Washer – Sealing	7

Ref. No.	Part No.	Description	No. Used
18	59–6900	Screw – Cap	7
19	59–6830	Kit – Pin, Centering	1
20	74–3090	Spring	2
21	74–3130	Plug – Retainer	2
22	74–3140	Ball – Check	2
23	52–9290	Retainer – Ball, Check	1
24	52–9280	Ball – Check	1
†25		Seal	1
26	52–9270	Seat – Check Ball	1
†27		Seal	1
28	52–9260	Screw – Set	1
*	52–9250	Kit – Bearing, Needle (Incl. Ref. #7 & 8)	1
*	49–0170	Kit – Seal (Incl. Ref. #1, 4, 5, 12, 25 & 27)	1

*Not Illustrated
†Not Serviceable Separately

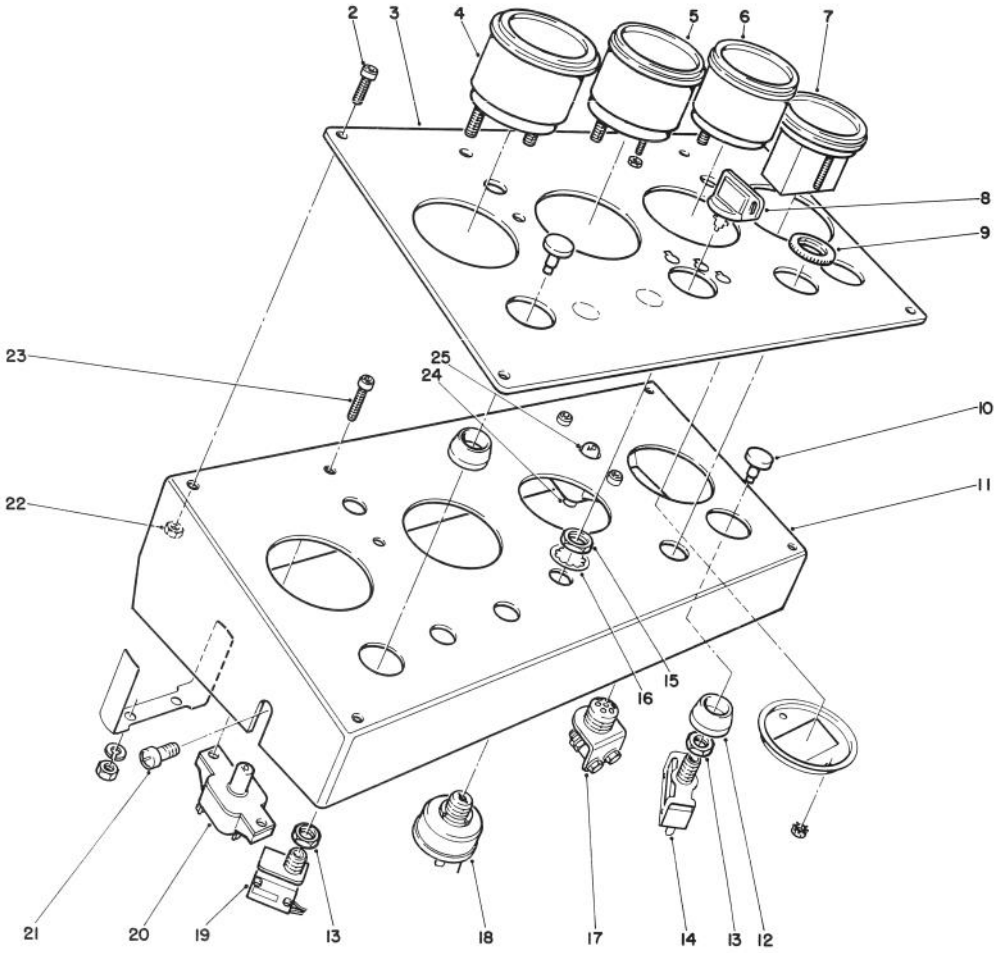


T–0118A

FENDERS & CENTER CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	48–7430	Assy. – Filter, Pre–Cleaner	1
2	2412–42	Clamp	4
3	60–0060	Elbow	2
4	66–3160	Bolt	4
5	69–1940	Indicator – Elect.	1
6	58–6680	Panel – Test Ports	1
7	58–1910	Assembly – Console, Center	1
8	353–947	Cap – Dust	5
9	59–7410	Fitting – Diagnostic (Incl. Ref. #10)	5
10	237–42	O–Ring	5
11	58–6580	Fitting (Incl. Ref. #27 & 28)	5
12	48–7620	Bolt	14
13	43–5930	Washer – Lock	22
14	80–4840	Pipe – Air Intake	1
15	68–6150	Breather	1
16	60–1870	Assembly – Pipe	1
17	237–65	O–Ring	1
18	51–6550	Gasket	1
20	59–7290	Decal – Hyd. Fill	1
21	58–5940	Sight Glass	1
22	48–6900	Screw – Self–Tap	4
23	58–5360	Seal	1

Ref. No.	Part No.	Description	No. Used
24	48–8010	Washer	8
25	58–0980	Fender – L.H.	1
26	62–6290	Decal – Lift Lever	1
27	237–21	O–Ring	5
28	3220–11	Nut – Hex.	5
32	58–6540	Decal – Operator Warning	1
33	68–7840	Strip – Foam	1
34	48–8030	Washer	4
35	48–9570	Washer – Lock	4
36	48–7930	Nut – Hex.	4
37	58–1750	Panel – Access	1
38	58–0990	Fender – R.H.	1
39	48–4220	Assembly – Air Filter (Complete)	1
40	60–2020	Shield – Heat	1
42	58–3620	Seal Plate – Front	1
43	58–3070	Seal Plate – Side	2
44	48–7890	Nut	10
45	48–6900	Screw – Self–Tapping	2
46	237–80	O–Ring	1
47	58–9160	Plug – Drain	1
48	68–7810	Panel – Lining	1
49	3256–16	Washer – Flat	16
50	48–7120	Element – Suction	1

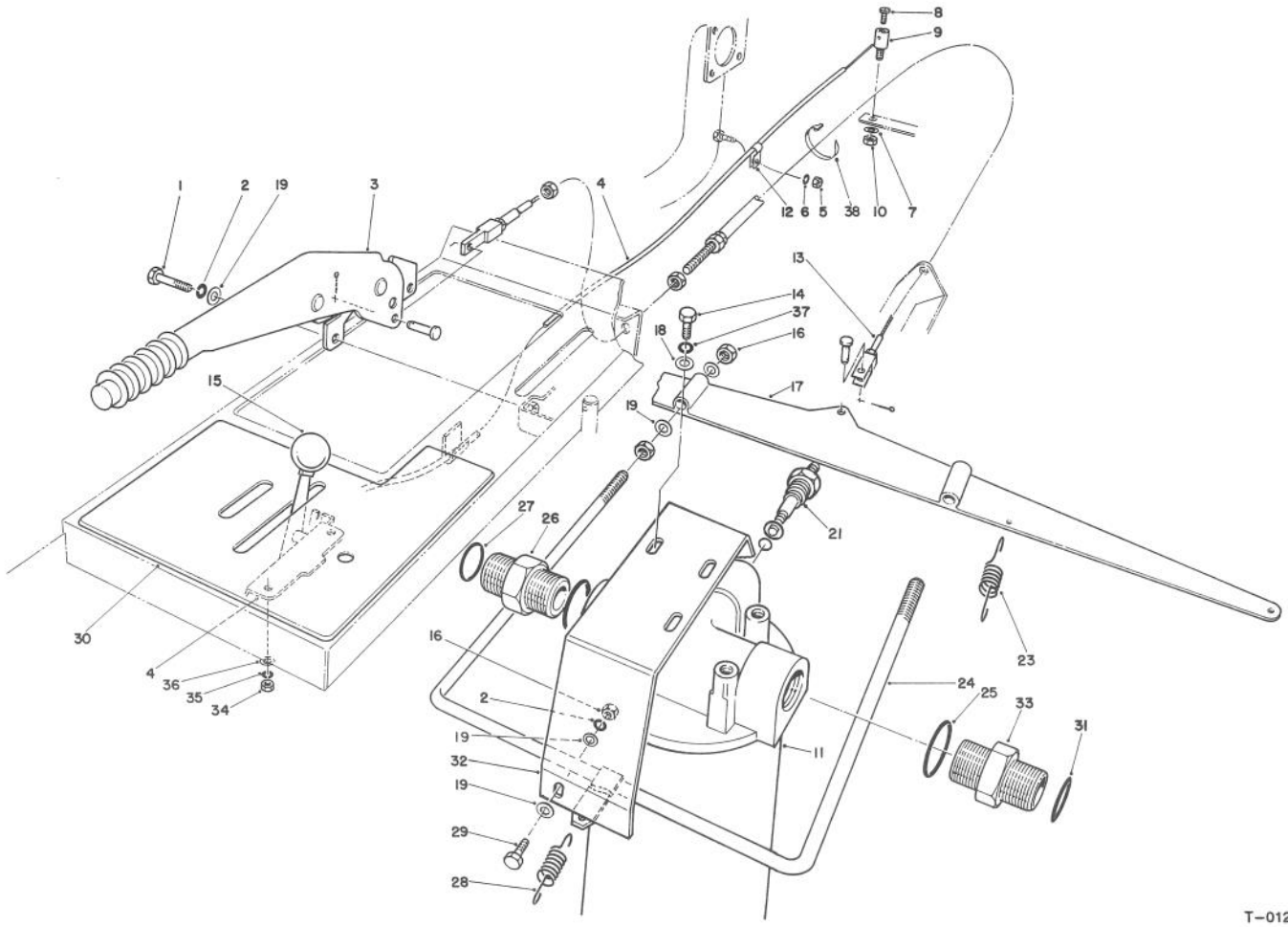


T–1210

INSTRUMENT PANEL

Ref. No.	Part No.	Description	No. Used
2	3274–68	Screw – Mach.	4
3	82–9290	Plate – Face, Instrument	1
4	77–4840	Speedometer	1
5	63–7430	Gauge – Temperature	1
6	66–2940	Gauge – Fuel	1
7	66–2950	Hourmeter	1
8	63–8360	Key – Ignition	2
†9		Nut	1
10	43–6280	Button – Push	2
11	82–9300	Panel W.A. – Instrument	1
12	43–6420	Bezel	2
13	218–498	Nut – Hex.	2
14	59–7220	Switch – Glow Plug (Incl. Ref. #10, 12 & 13)	1
15	218–446	Nut – Switch	1
16	218–447	Washer – Lock, Switch	1
17	58–2040	Indicator – Glow Plug (Incl. Ref. #9)	1
18	27–2360	Switch – Key	1
19	72–9760	Switch – Override (Incl. Ref. #10, 12 & 13)	1
20	43–4001	Breaker – Circuit, 10 amp.	1
21	60–2170	Screw – Pan Hd.	2
22	3296–42	Nut – Lock	4
23	3274–90	Screw	4
24	3250–18	Screw – Mach. Pan Hd.	2
25	43–4000	Breaker – Circuit, 40 amp.	1

†Not Serviceable Separately



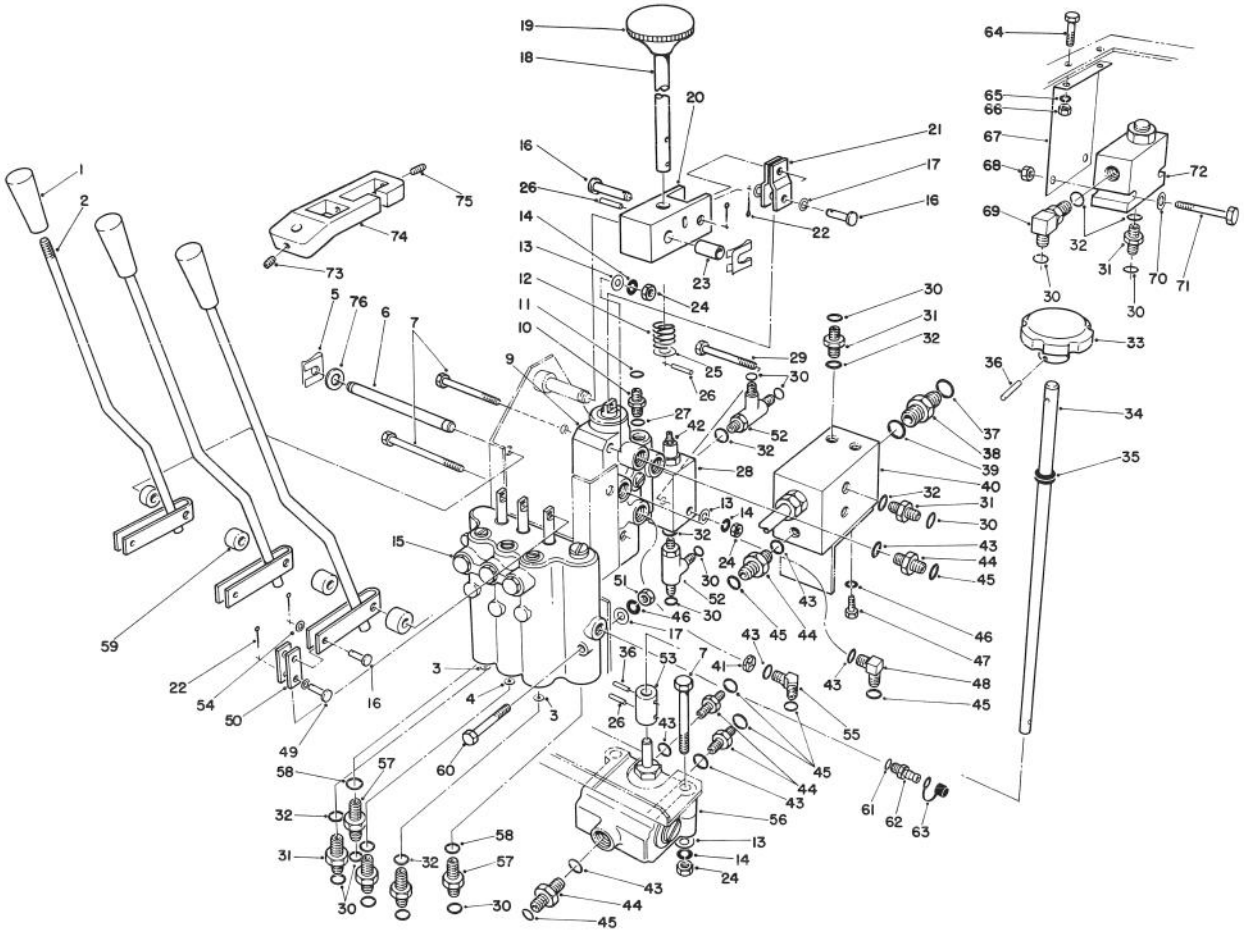
T-0120A

PARKING BRAKE, THROTTLE & OIL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	48-7700	Bolt	2
2	48-9570	Washer – Lock	2
3	53-6070	Brake – Parking	1
4	59-7240	Assembly – Throttle (Incl. Ref. #15)	1
5	48-7890	Nut – Hex.	1
6	43-5930	Washer – Lock	1
7	3256-22	Washer – Flat	1
8	25-8640	Screw	1
9	25-9090	Swivel	1
10	3296-13	Nut – Hex.	1
†11	86-6110	Assembly – Element	1
12	2412-31	Clip	1
13	58-7030	Cable – Brake	1
14	323-4	Bolt	3
15	233-25	Knob	1
16	48-7930	Nut – Hex.	4
17	58-2170	Bar	1
18	3256-3	Washer – Flat	3
19	48-8030	Washer	6
21	86-6100	Switch – Filter Warning	1
22	86-6090	Assembly – Filter, Hyd. Oil (Incl.Ref.#11 & 21)	1

Ref. No.	Part No.	Description	No. Used
23	60-2140	Spring	2
24	58-2270	Assembly – Rod	1
25	237-123	O-Ring	2
26	340-80	Adapter (Incl. Ref. #25 & 27)	1
27	340-65	O-Ring	1
28	48-6940	Spring	1
29	322-6	Bolt	2
30	58-6560	Panel – Side, Control	1
31	340-64	O-Ring	1
32	84-6470	Bracket – Filter	1
33	340-10	Adapter (Incl. Ref. #25 & 31)	1
34	48-7880	Nut – Hex.	2
35	48-8000	Washer – Lock	2
36	52-6430	Washer	2
37	3253-5	Washer – Lock	3
38	250-1	Cable – Tie	1
39	3256-23	Washer – Flat	4
40	3253-4	Washer – Lock	2
41	3217-6	Nut – Hex.	2

†Do Not Substitute



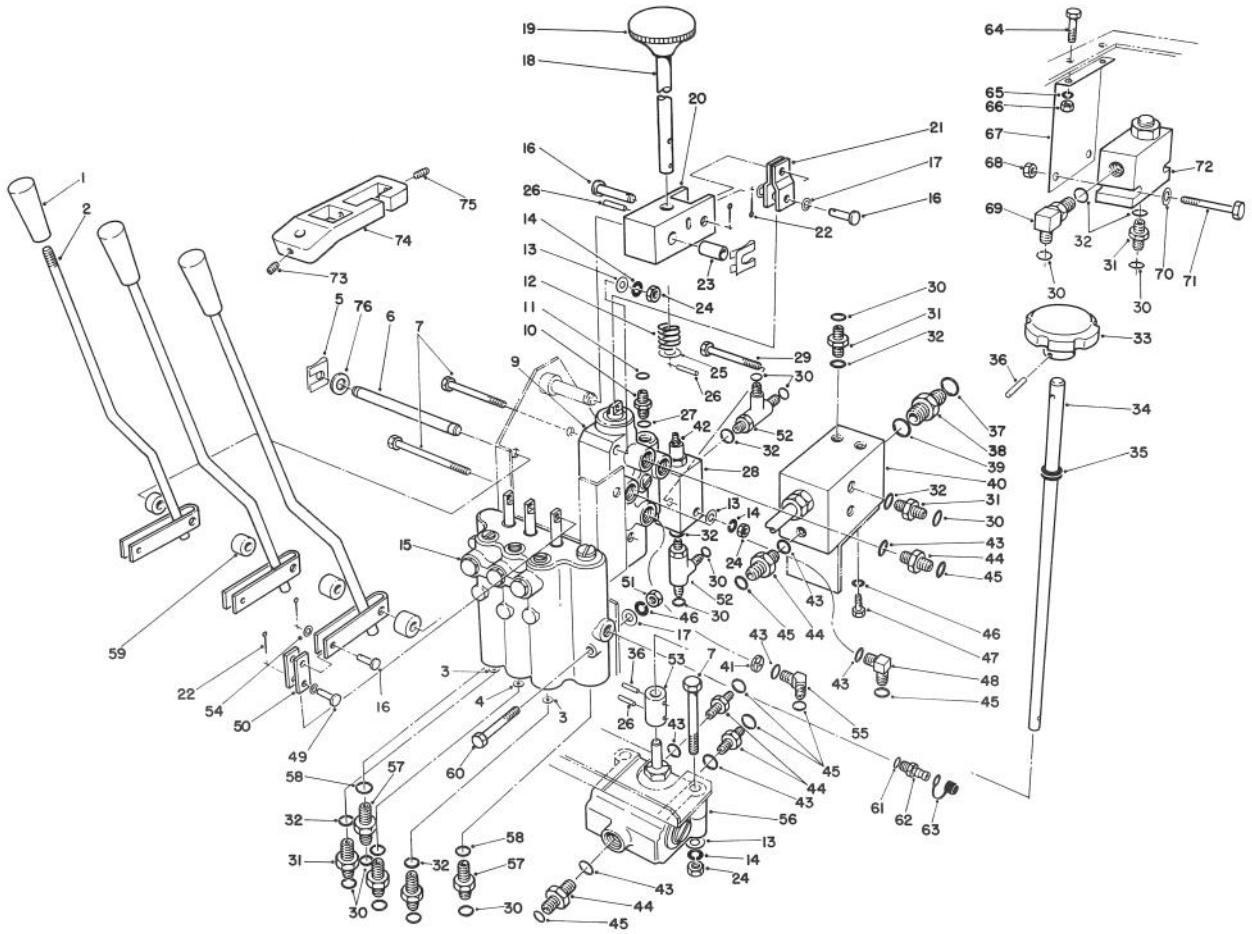
T–0121B

VALVE CONTROLS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233–39	Knob	3
2	74–3190	Lever – Lift	3
3	84–6400	Orifice – .047 Dia.	2
4	84–6401	Orifice – .052 Dia.	1
5	60–5690	Clip – Safety	3
6	58–1520	Pin – Pivot	1
7	322–12	Bolt	4
9	63–4800	Valve – Control	1
10	340–92	Fitting (Incl. Ref. #11 & 27)	1
11	237–21	O–Ring	1
12	58–7190	Spring	1
13	3256–23	Washer – Flat	5
14	3253–4	Washer – Lock	5
15	84–6200	Valve – Lift Control	1
16	58–3830	Pin – Clevis	5
17	48–8010	Washer	4
18	58–4450	Lever	1
19	233–10	Knob	1
20	58–4460	Clevis	1
21	58–1570	Link	2
22	58–1480	Pin – Cotter	8
23	60–0550	Bushing	1
24	3217–6	Nut – Hex.	5
25	48–9580	Washer	4
26	32121–118	Pin – Roll	2

Ref. No.	Part No.	Description	No. Used
27	237–78	O–Ring	1
28	58–5520	Valve (Incl. Ref. #42)	1
29	322–9	Bolt	1
30	237–22	O–Ring	15
31	340–2	Fitting (Incl. Ref. #30 & 32)	8
32	237–42	O–Ring	11
33	59–7130	Knob	1
34	58–1510	Shaft	1
35	59–7910	Grommet	1
36	60–2110	Pin – Spirol	2
37	340–64	O–Ring	1
38	340–80	Fitting (Incl. Ref. #37 & 39)	1
39	237–123	O–Ring	1
40	58–2150	Manifold	1
41	66–5410	Orifice	1
†42		Cartridge – Pressure Relief	1
43	237–80	O–Ring	9
44	340–7	Fitting (Incl. Ref. #43 & 45)	6
45	237–65	O–Ring	9
46	43–5930	Washer – Lock	4
47	48–7620	Bolt	2

†Not Serviceable Separately.



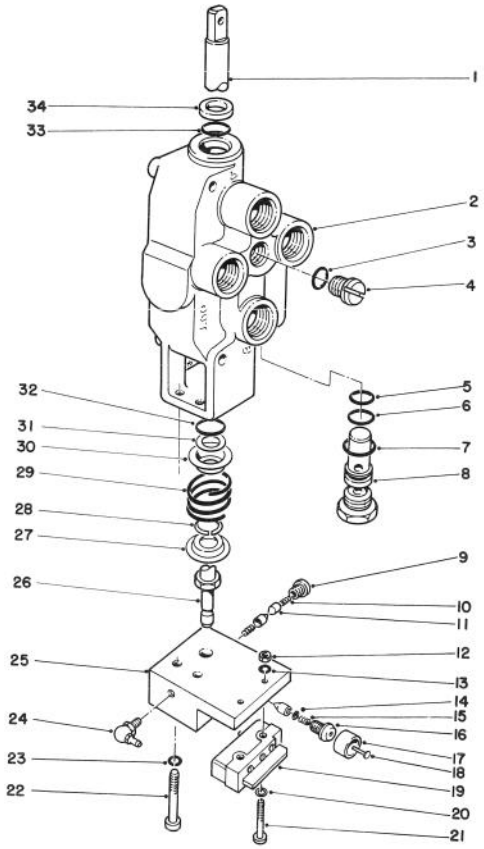
T–0121B

VALVE CONTROLS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
48	340–17	Fitting (Incl. Ref. #43 & 45)	2
49	58–3810	Pin – Clevis	3
50	58–1560	Link	6
51	48–7890	Nut – Hex.	1
52	340–86	Tee	2
53	58–1530	Coupling	1
54	52–6430	Washer	10
55	66–5860	Adapter – 45° (Incl. Ref. #43 & 45)	1
56	58–5490	Valve – Flow Control (Model No. 03700)	1
56	58–5491	Valve – Flow Control (Model No. 03701)	1
57	340–3	Fitting (Incl. Ref. #30 & 58)	2
58	237–79	O–Ring	2
59	58–1540	Spacer	4
60	60–6650	Bolt	2
61	237–42	O–Ring	1
62	59–7410	Fitting – Diagnostic (Incl. Ref. #61)	1

Ref. No.	Part No.	Description	No. Used
63	353–947	Cap – Dust	1
64	321–3	Screw – Cap Hex Hd.	2
65	3253–3	Washer – Lock	2
66	3217–5	Nut – Hex.	2
67	63–4690	Bracket – Valve	1
68	3296–8	Nut – Lock	2
69	340–77	Elbow – 90° (Incl. Ref. #30 & 32)	1
70	3256–22	Washer – Flat	2
71	321–10	Screw– Cap Hex. Hd.	2
72	63–4700	Valve – Flow Regulator (Model No. 03700)	1
72	63–4701	Valve – Flow Regulator (Model No. 03701)	1
73	3245–44	Screw – Set	1
74	74–3170	Linkage – Cross Cut Control	1
75	3245–45	Screw – Set	2
76	3256–24	Washer – Flat	2
*	66–5590	Kit – Seal (For Item #72)	1
*	66–5580	Kit – Seal Repair (For Item #28)	1

*Not Illustrated



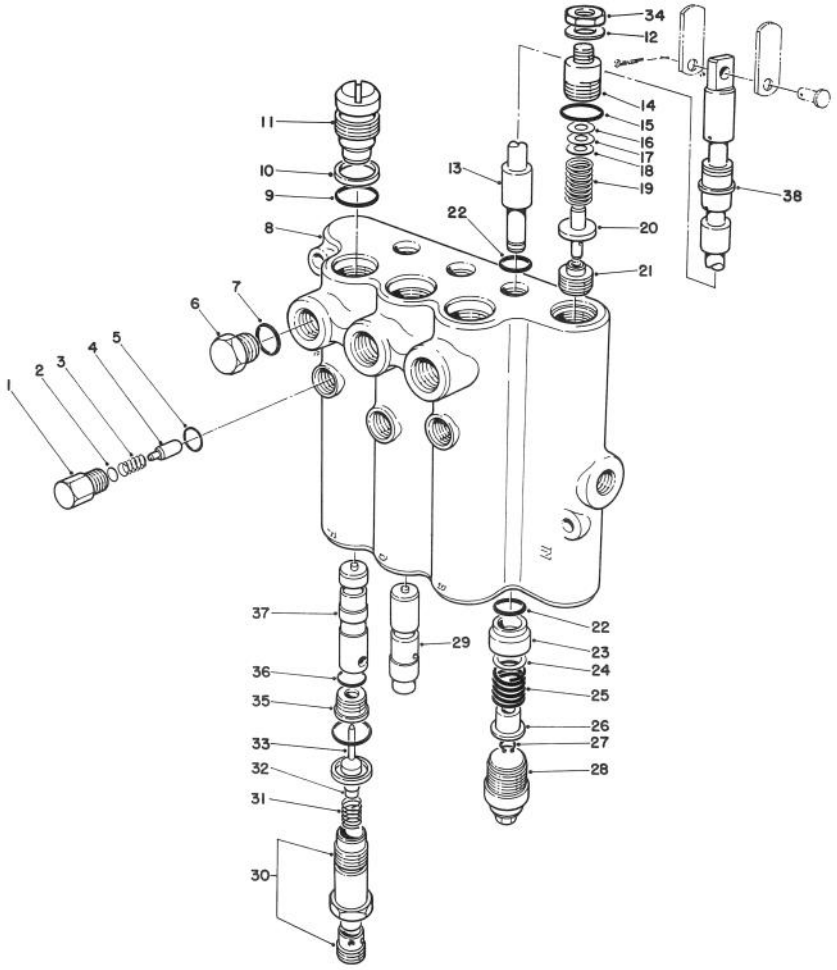
T–0123

REEL CONTROL VALVE ASSEMBLY NO. 63–4800

Ref. No.	Part No.	Description	No. Used
†1		Spool	1
†2		Body	1
3	59–8140	O–Ring	1
4	59–8160	Plug (Incl. Ref. #3)	1
5	63–4440	O–Ring	1
6	59–7860	Washer – Backup	1
7	42–1220	O–Ring	1
8	63–4780	Valve – Relief (Incl. Ref. #5–7)	1
9	59–8060	Plug – Detent	1
10	59–8050	Spring – Detent	2
11	59–8150	Pawl – Detent	3
12	66–5440	Nut – Lock	2
13	3253–19	Washer – Lock	2
14	63–4860	Circlip	1
15	63–4510	Spring	1
16	59–8230	Plug	1
17	66–5420	Sleeve	1
18	63–4850	Plunger	1

Ref. No.	Part No.	Description	No. Used
19	60–4550	Switch – Micro	1
20	3256–13	Washer – Flat	2
21	66–5430	Screw – Machine	2
22	63–4830	Screw – Cap Hd.	2
23	59–8070	Washer – Lock	2
24	302–66	Fitting – Grease	1
25	63–4820	Detent – Block	1
26	63–4840	Spool – Screw	1
27	59–8100	Washer – Shallow	1
28	59–8170	Washer – Wire	1
29	59–8040	Spring	1
30	59–8080	Washer – Deep	1
31	59–8180	Washer	1
32	59–7780	O–Ring	1
33	59–81 20	O–Ring	1
34	59–8190	Wiper	1
*	59–8250	Kit – Seal (Incl. Ref. #3, 4–7, 32 & 34)	1

*Not Illustrated
†Not Serviceable Separately



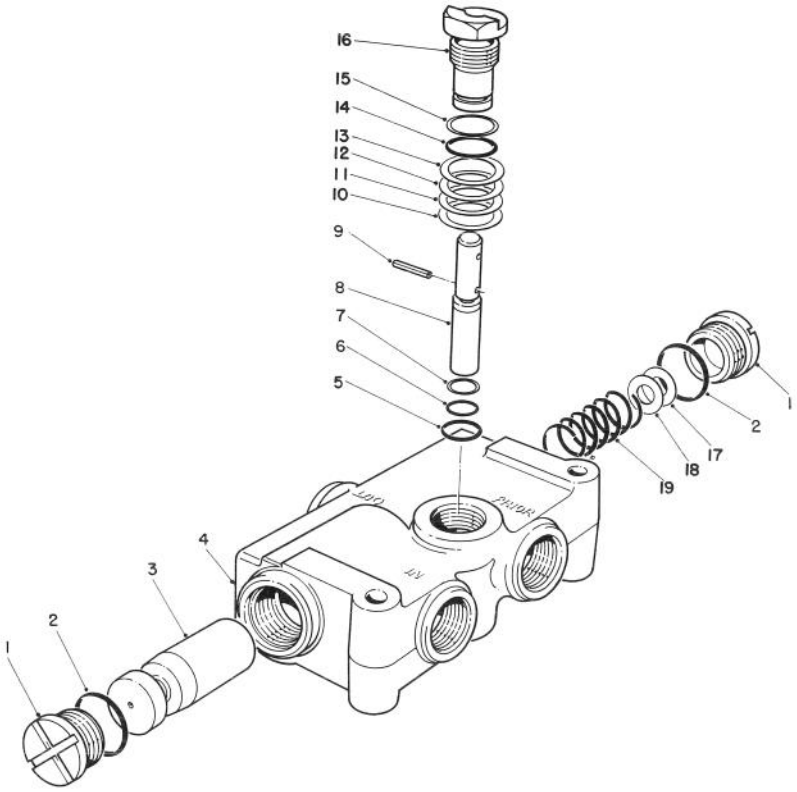
T-0124A

CONTROL VALVE ASSEMBLY NO. 84-6200

Ref. No.	Part No.	Description	No. Used
1	58-6780	Assembly - Plug (Incl. Ref. #5)	3
2	60-6450	Disc	A/R
3	58-6760	Spring	3
4	58-6770	Detent Plunger	3
5	58-6790	O-Ring	3
6	58-6710	Assembly - Plug (Incl. Ref. #7)	3
7	58-6720	O-Ring	3
†8		Body	1
9	60-5720	O-Ring	6
10	58-6370	Washer - Backup	6
11	58-6350	Assembly - Plug (Incl. Ref. #9 & 10)	3
†12		Washer	1
†13		Spool	3
14	69-1830	Assembly - Plug (Incl. Ref. #12, 15 & 34)	1
15	58-6750	O-Ring	1
16	58-6470	Washer	A/R
17	58-6480	Washer	A/R
18	58-6490	Washer	A/R
19	84-6450	Spring	1
20	58-6440	Poppet	1

Ref. No.	Part No.	Description	No. Used
†21		Seat	1
22	58-6450	O-Ring	6
23	58-6400	Bushing	3
24	58-6700	Washer	3
25	58-6730	Spring	3
26	58-6310	Spacer	3
27	58-6460	Ring - Retaining	3
28	58-6420	Assembly - Cap	3
29	84-6430	Plunger	1
30	58-6380	Assembly - Plug	3
31	58-6410	Spring	3
32	60-6440	Eyelet	3
33	58-6290	Assembly - Poppet	3
†34		Nut - Lock	1
35	58-6330	Assembly - Seat (Incl. Ref. #36)	3
36	58-6340	O-Ring	3
37	84-6420	Plunger	2
38	58-6320	Wiper - Seal	3
*	84-6400	Orifice - .047 Dia.	2
*	84-6401	Orifice - .052 Dia.	1
*	60-3780	Kit - Seal - (Incl. Ref. #5, 7, 9, 10, 15, 22, 27, 33, 36 & 38)	1

*Not Illustrated
†Not Serviceable Separately



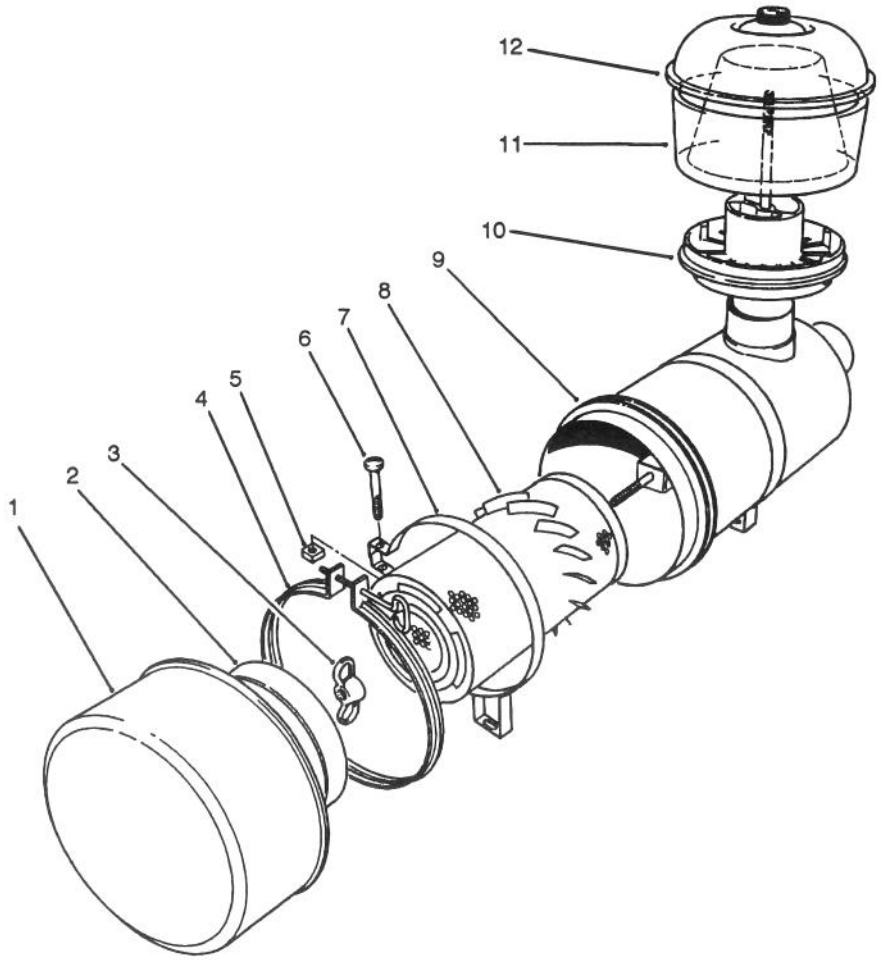
T–0125

PRIORITY FLOW CONTROL VALVE 58–5490 (MODEL NO. 03700) & 58–5491 (MODEL NO. 03701)

Ref. No.	Part No.	Description	No. Used
1	59–7600	Assembly – Plug (Incl. Ref. #2)	2
2	59–7610	O–Ring	2
†3		Spool	1
†4		Body	1
5	59–7640	O–Ring	1
6	59–7650	O–Ring	1
7	60–5950	Washer – Backup	1
8	59–7670	Metering Stem	1
9	59–7680	Pin – Groove	1
10	59–7690	Shim	A/R
11	59–7700	Shim	A/R

Ref. No.	Part No.	Description	No. Used
12	59–7710	Shim	A/R
13	59–7720	Shim	A/R
14	59–7780	O–Ring	1
15	58–6370	Washer – Backup	1
16	59–7740	Plug – Metering (03700)	1
16	74–3150	Plug – Metering (03701)	1
17	59–7750	Shim	A/R
18	59–7760	Shim	A/R
19	59–7770	Spring	1
*	63–4520	Kit – Seal (Incl. Ref. #2, 5–7,14 & 15)	1

*Not Illustrated
†Not Serviceable Separately.



T–0126

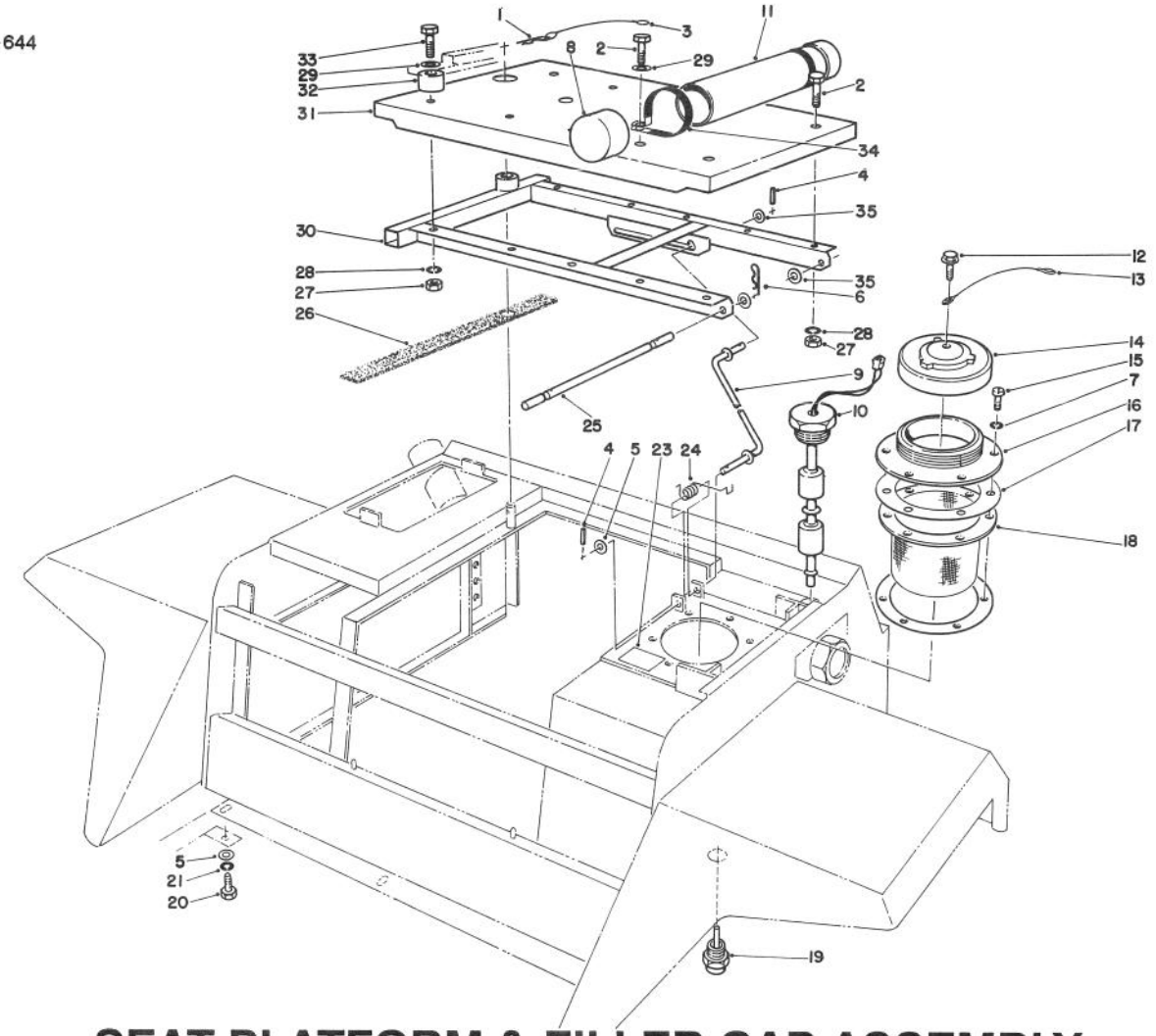
AIR CLEANER ASSEMBLY

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

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

*Not Illustrated
†Not Serviceable Separately

3315–644



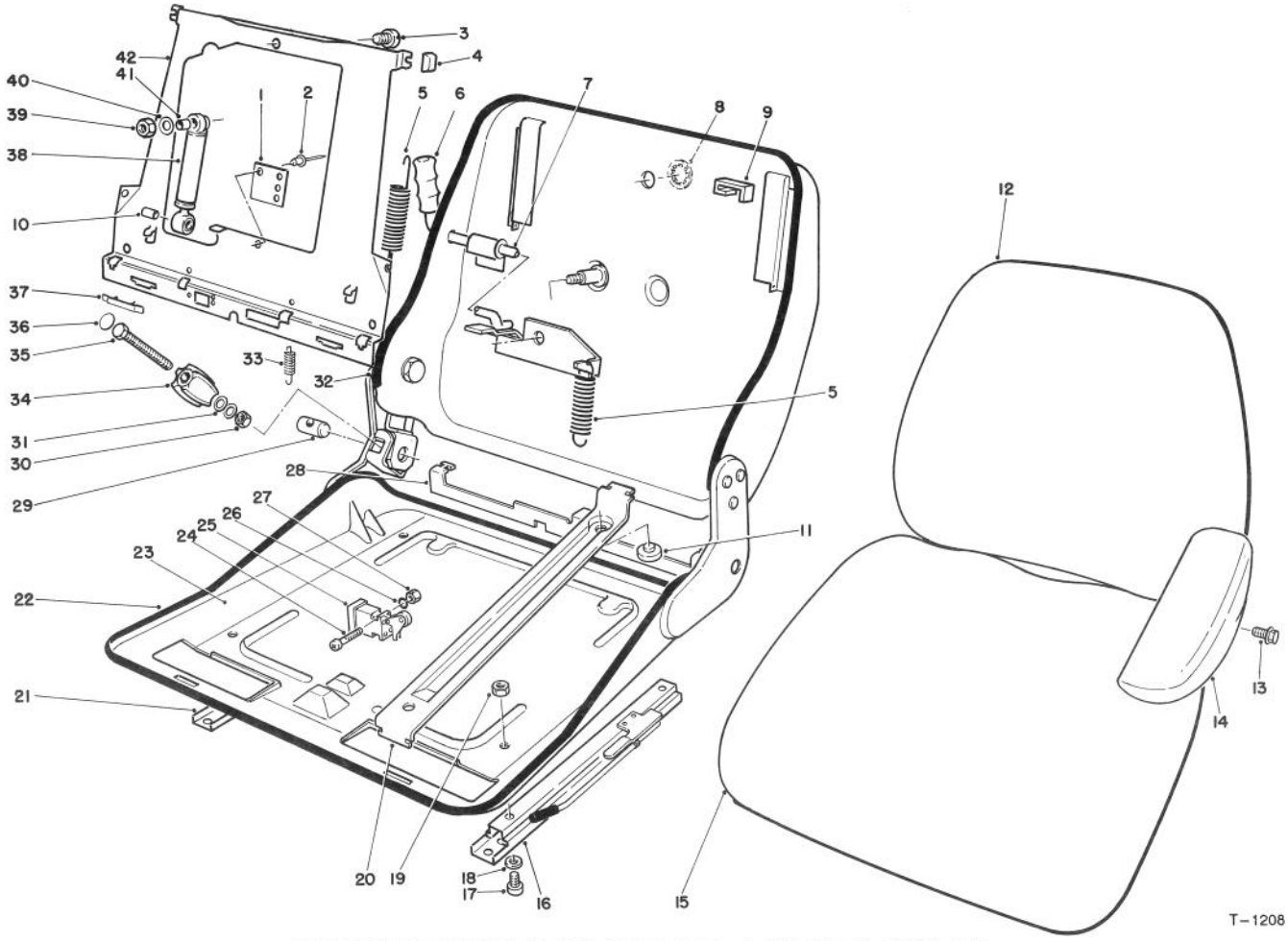
T–0127

SEAT PLATFORM & FILLER CAP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3390–355	Clip – Retaining	1
2	66–3160	Screw – Cap Hex. Hd.	6
3	60–2160	Wire – Retaining (Incl. Ref. #1)	1
4	3272–11	Pin – Cotter	2
5	48–9580	Washer	2
6	3290–250	Pin – Hair, Cotter	2
7	3253–15	Washer – Lock	6
8	65–5890	Cap – Tube	2
9	58–1650	Rod – Seat	1
10	82–9340	Switch – Oil Level	1
11	65–5870	Tube – Manual	1
†12		Screw – Washer Face	1
†13		Wire – Tie	1
†14		Cap	1
15	3252–16	Screw	6
†16		Ring	1
17	58–6820	Gasket	2
†18		Screen	1

Ref. No.	Part No.	Description	No. Used
19	60–5580	Switch – Temperature	1
20	48–9470	Screw – Cap Hex. Hd.	2
21	48–9590	Washer – Lock	2
23	58–6530	Decal – Hydraulic Oil	1
24	60–0050	Spring	1
25	58–1640	Pin – Seat Pivot	1
26	68–7850	Strip – Foam	1
27	48–7930	Nut – Hex.	10
28	48–9570	Washer – Lock	10
29	48–8030	Washer	6
30	58–1580	Assembly – Frame, Seat	1
31	58–9830	Plate – Seat	1
32	26–4840	Spacer	4
33	48–7730	Screw – Cap Hex. Hd.	4
34	2412–102	R–Clamp	2
35	3256–24	Washer – Flat	4
*	58–6800	Filler Cap Assembly (Incl. Ref. #12–14 & 16–18)	1

*Not Illustrated
†Not Serviceable Separately

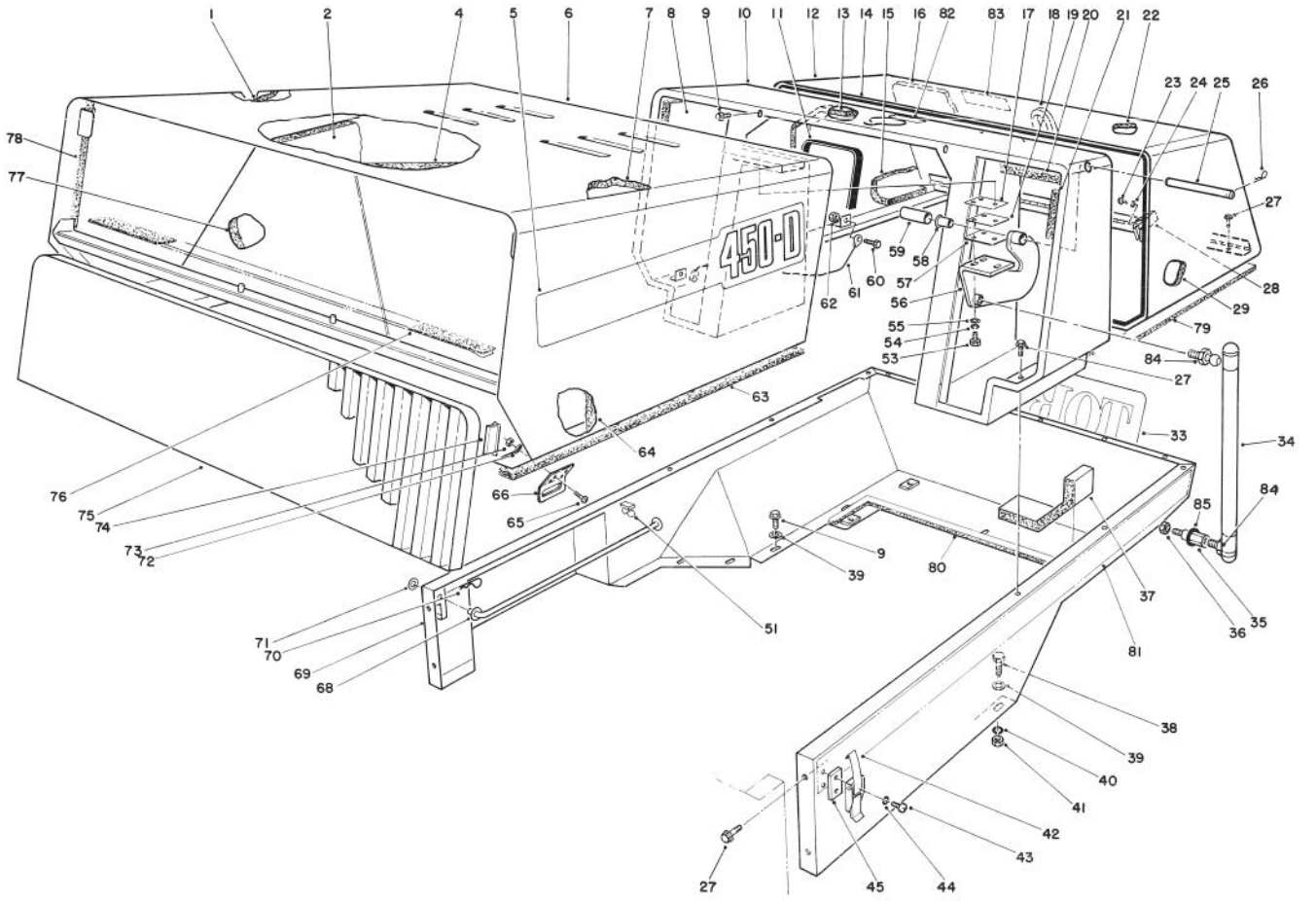


SUSPENSION SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	82-2850	Plate	1
2	82-9680	Rivet	2
3	82-9700	Screw	1
4	82-2730	Kit – Wear Parts (Incl. Ref. #8-11)	1
5	82-2740	Spring Set – Tension	1
6	56-4140	Grip – Handle	1
7	82-2870	Lever – Adjust	1
†8		Cover	1
†9		Bumper	2
†10		Bushing	1
†11		Pad	2
12	82-2800	Cushion – Backrest	1
13	56-3850	Screw – Mach. Hex. Hd.	4
14	55-4330	Arm Rest – L.H.	1
*	55-4331	Arm Rest – R.H.	1
15	82-2840	Cushion – Bottom	1
16	92-2951	Rail – Adjust. L.H.	1
17	82-9690	Screw	4
18	82-9660	Washer	4
19	82-9650	Nut	4
20	82-2820	Assembly – Swing Arm (Incl. Ref. #28 & 41))	1
21	82-2790	Rail – Adjust. R.H.	1
22	82-9710	Trim – Bottom	1

Ref. No.	Part No.	Description	No. Used
23	82-2720	Frame – Seat	1
24	82-9640	Screw	2
25	82-2810	Assembly – Switch (Incl. Ref. #24, & 26-27)	1
26	82-9620	Washer – Spring	2
27	82-9630	Nut	2
†28		Pivot – Back Plate	1
29	56-4170	Clevis – Threaded	1
30	56-3890	Nut	1
31	56-3880	Washer	2
32	82-9720	Trim – Backrest	1
33	82-2860	Spring Set – Tension	1
34	82-2750	Assembly – Spindle Adj. (Incl. Ref. #29-31 & 34-36)	1
35	82-2710	Screw	1
†36		Cover	1
37	82-2830	Clamp	2
38	82-2770	Assembly – Shock Absorber	1
39	82-9670	Nut	1
40	56-3940	Washer	1
41	82-2760	Kit – Bushing (Incl. Ref. #39 & 40)	1
†42		Plate – Backrest	1
*	82-2880	Assembly – Weight Adj. (Incl. Ref. #5-7 & 41)	1

*Not Illustrated
†Not Serviceable Separately

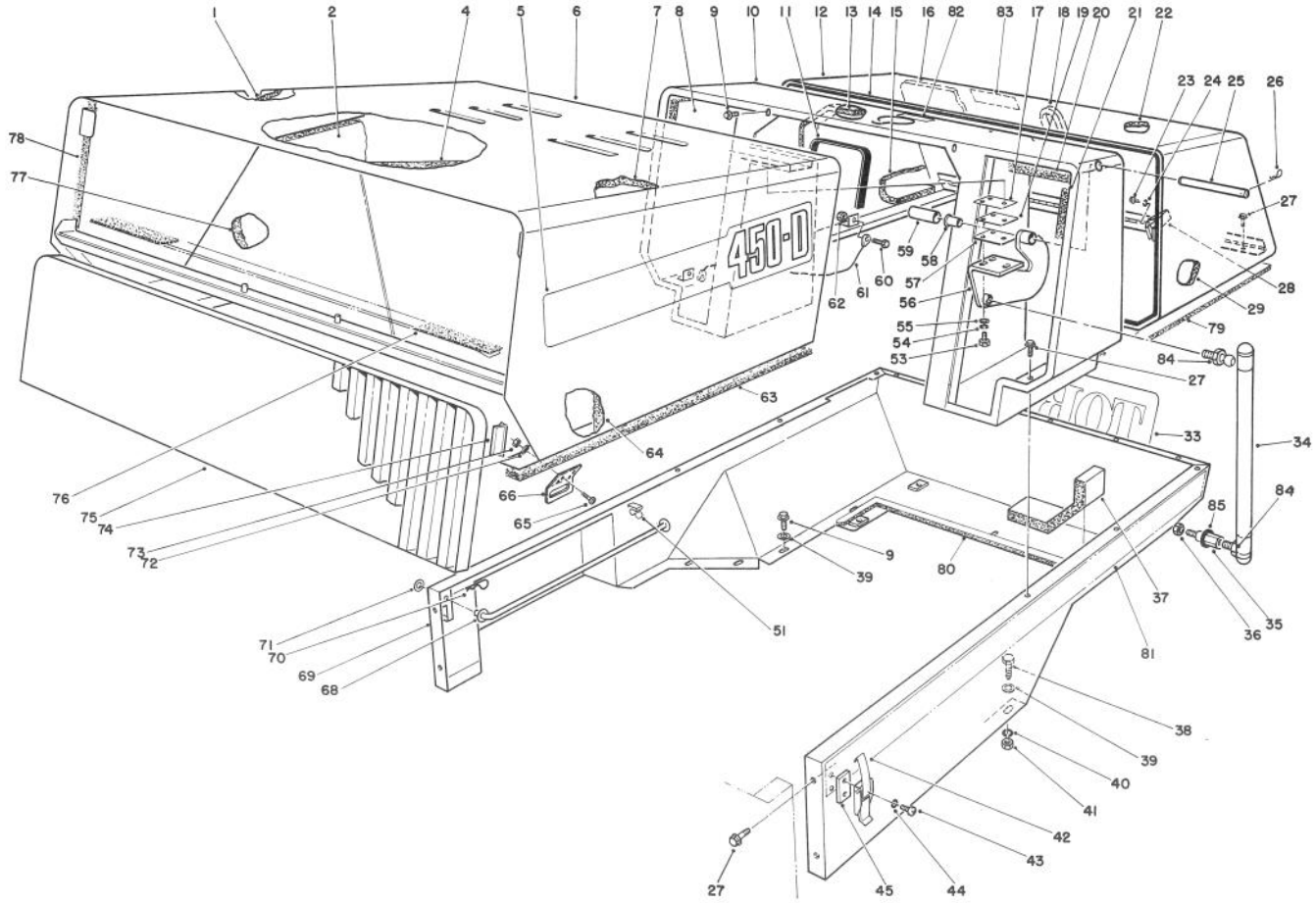


FRONT & REAR CANOPY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	68–7830	Lining – Foam R.H.	1
2	68–7730	Lining – Foam	1
4	68–7720	Lining – Foam	1
5	77–4690	Decal – 450D	2
6	75–7600	Canopy – Front	1
7	68–7820	Lining – Foam L.H.	2
8	75–8370	Lining – Foam R.H.	1
9	48–6900	Screw – Self Tapping	9
10	77–4580	Canopy – Center	1
11	60–3770	Strip – Sealing L.H.	1
*	60–3760	Strip – Sealing R.H.	1
12	92–2964	Canopy – Rear	1
13	75–8450	Seal – Radiator, Foam	1
14	69–9726	Seal – Trim	1
15	92–2952	Lining – Foam	1
16	92–2954	Foam – Panel, Rear	1
17	58–5330	Spacer	2
18	69–9727	Seal – Trim	1
19	58–5340	Spacer	2
20	75–8360	Lining – Foam	2
21	75–8380	Lining –Foam, L.H.	1
22	75–8410	Lining – Foam	1
23	3290–321	Screw – Mach. Washer Hd.	4
24	3253–2	Washer – Lock	4
25	58–3910	Pin – Hinge	2

Ref. No.	Part No.	Description	No. Used
26	3290–355	Pin – Cotter, Hair	2
27	3234–13	Screw – Flange, Hex. Hd.	15
28	69–3020	Latch	2
29	92–2953	Lining – Foam	1
33	66–6140	Decal – Toro	1
34	88–6760	Spring – Gas	2
35	58–2740	Stud	2
36	60–6770	Nut – Hex.	2
37	75–8400	Lining – Foam, L.H.	1
*	75–8390	Lining – Foam, R.H.	1
38	48–7630	Screw	1
39	3256–16	Washer – Flat	1
40	43–5930	Washer – Lock	1
41	48–7890	Nut – Hex.	1
42	58–5380	Latch – Draw, Spring	2
43	3250–25	Screw – Pan, Phil. Hd.	4
44	3253–2	Washer – Lock	4
45	58–7070	Spacer	2
51	60–0930	Clip	1
53	48–9460	Bolt	6
54	48–9570	Washer – Lock	6
55	48–8030	Washer	6
56	58–1970	Plate – Hinge, L.H.	1
*	58–1980	Plate – Hinge, R.H.	1
57	58–5350	Spacer	2

*Not Illustrated



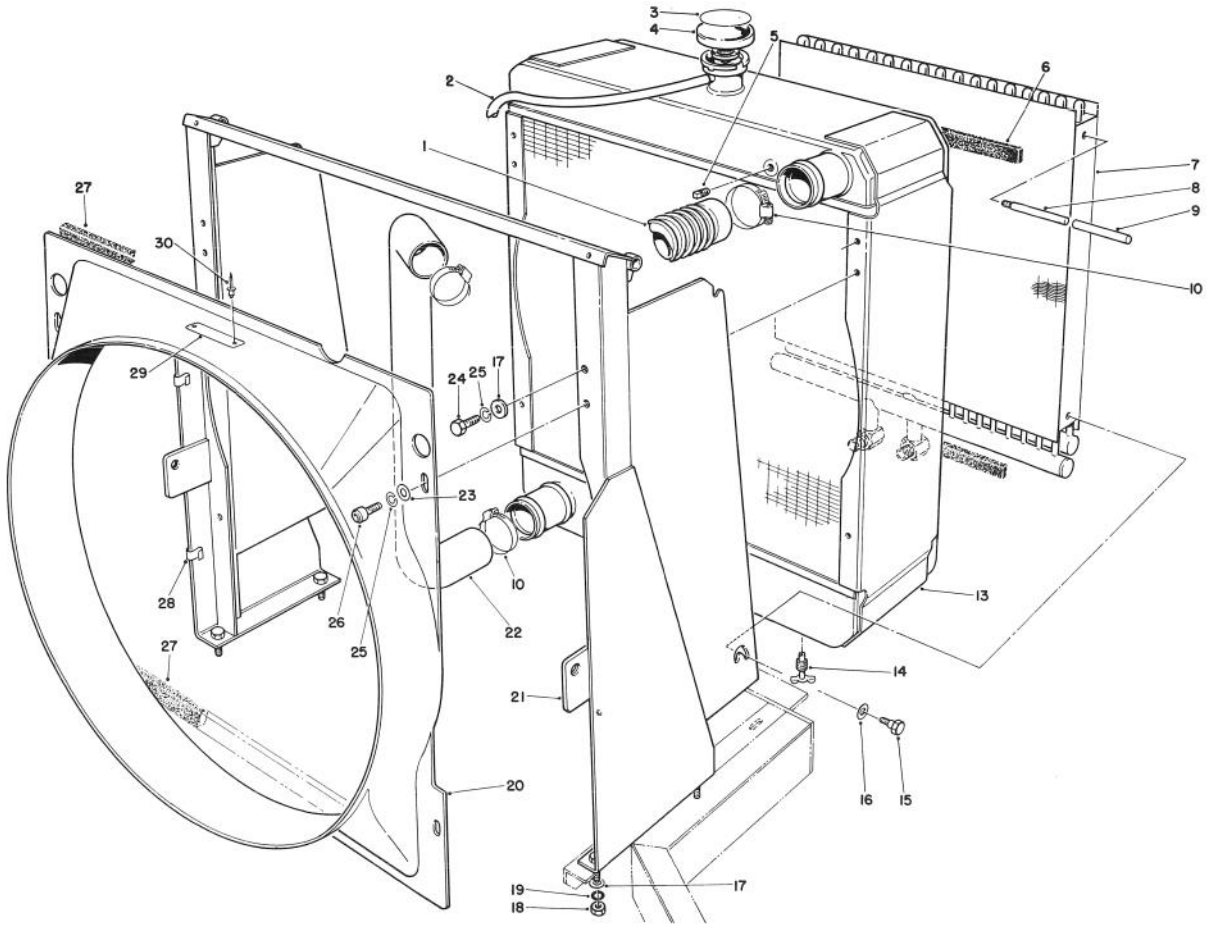
T–0129C

FRONT & REAR CANOPY ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
58	58–3930	Bushing – Flange	2
59	58–3940	Tube –Spacer	2
60	322–4	Screw – Cap Hex. Hd.	2
61	75–0570	Cable	2
62	3296–29	Nut – Lock	2
63	68–7860	Strip – Foam	2
64	68–7780	Lining – Foam	1
65	3250–31	Screw – Pan, Phil Hd.	10
66	68–6040	Bracket – Latch	2
68	60–0880	Prop	1
69	84–6000	Body – Lower	1
70	3290–467	Clip	1
71	48–9580	Washer	1
72	3256–467	Clip	1
73	3296–21	Washer – Flat	10
74	58–4250	Latch – Magnetic	2
75	58–4230	Grill – Front	1
76	68–7880	Strip – Foam	1
77	68–7690	Lining – Foam	1
78	68–7790	Lining – Foam	1

Ref. No.	Part No.	Description	No. Used
79	75–8480	Seal – Canopy, Lower	2
80	68–7570	Strip – Foam	1
81	82–9610	Decal – L.H. (Model 03701)	1
*	82–9600	Decal – R.H. (Model 03701)	1
82	58–6940	Decal – Coolant Only	1
83	49–2280	Decal – Diesel Fuel	1
84	86–6130	Stud – Ball	4
85	92–2962	Grommet	2
*	75–7600	Canopy – Front (Incl. Ref. #1, 2, 4, 6, 7, 11, 63, 64, & 76–78)	1
*	92–2964	Canopy – Rear (Incl. Ref. #12, 14–16, 18, 22, 29 & 79)	1
*	77–4580	Canopy – Center (Incl. Ref. #8, 10, 13, 20 & 21)	1

*Not Illustrated

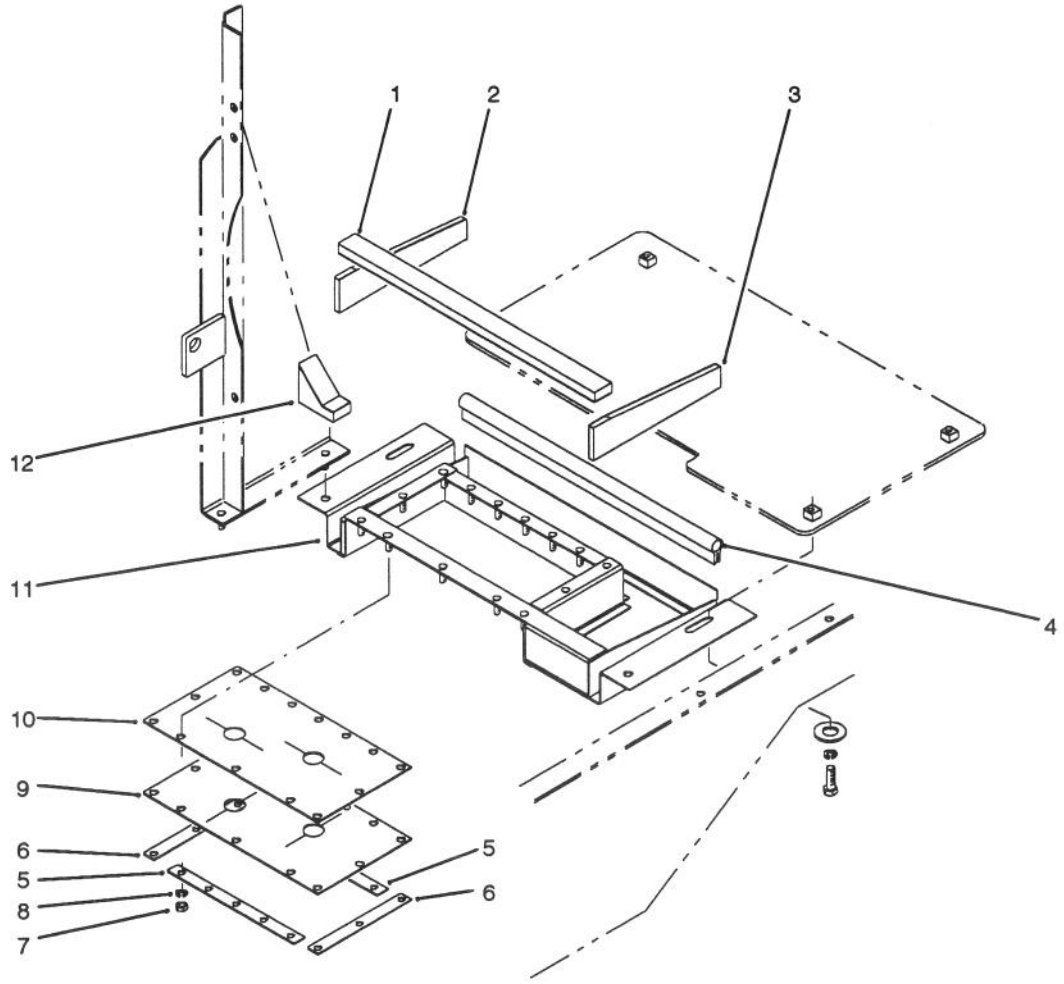


T–0130A

RADIATOR & OIL COOLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	60–3700	Hose – Flexible	1
2	60–3680	Hose – Overflow	1
3	59–8440	Decal – Warning	1
4	58–5420	Cap – Radiator 13 PS	1
5	281–2	Plug	1
6	75–8470	Strip – Sealing	2
7	58–5540	Cooler – Hyd. Oil	1
8	75–7790	Handle	2
9	47–2550	Grip – Handle	2
10	48–6020	Clamp – Hose	4
13	74–2950	Radiator (Incl. Ref. #14)	1
14	304–46	Plug – Drain	1
15	75–8330	Bolt – Shoulder	2
16	3256–25	Washer – Flat	2

Ref. No.	Part No.	Description	No. Used
17	48–8030	Washer	6
18	48–7930	Nut	4
19	48–9570	Washer – Lock	4
20	74–3070	Shroud – Fan	1
21	75–7620	Frame	1
22	58–8100	Hose	1
23	3256–71	Washer – Flat	4
24	322–3	Screw – Cap Hex. Hd.	2
25	3253–4	Washer – Lock	6
26	3274–10	Screw – Cap Soc. Hd.	4
27	68–7570	Strip – Sealing	2
28	60–0930	Clip	3
29	76–8750	Plate – Caution	1
30	3290–271	Rivet – Pop	2

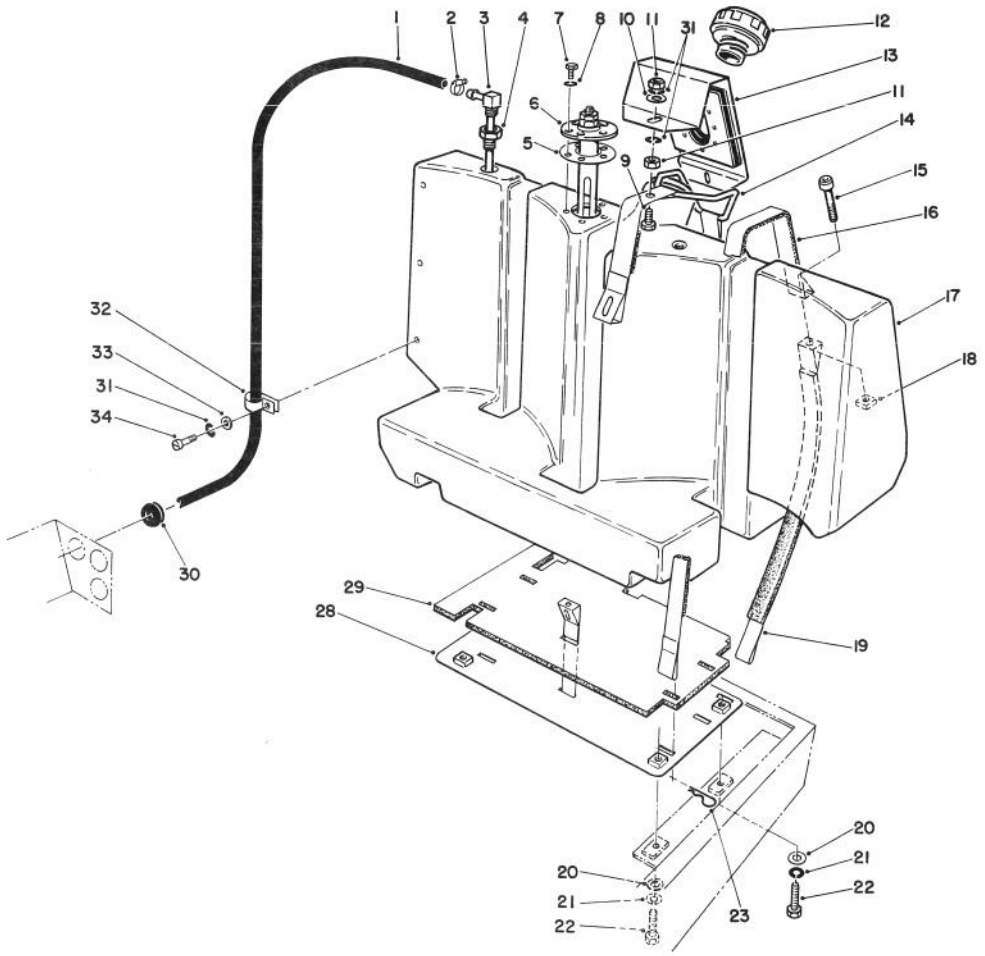


T–1559

RADIATOR SHIELD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92–2978	Foam – Shield Front	1
2	92–2976	Foam – Shield R.H.	1
3	92–2977	Foam – Shield L.H.	1
4	69–9729	Strip – Sealing	1
5	92–2975	Strip – Mount	2
6	92–2974	Strip – Mount	2

Ref. No.	Part No.	Description	No. Used
7	3217–5	Nut – Hex.	14
8	3253–3	Washer – Lock	14
9	92–2981	Shield – Neoprene	1
10	92–2980	Shield – Neoprene	1
11	92–2973	Shield – Radiator	1
12	92–2979	Block – Radiator	2

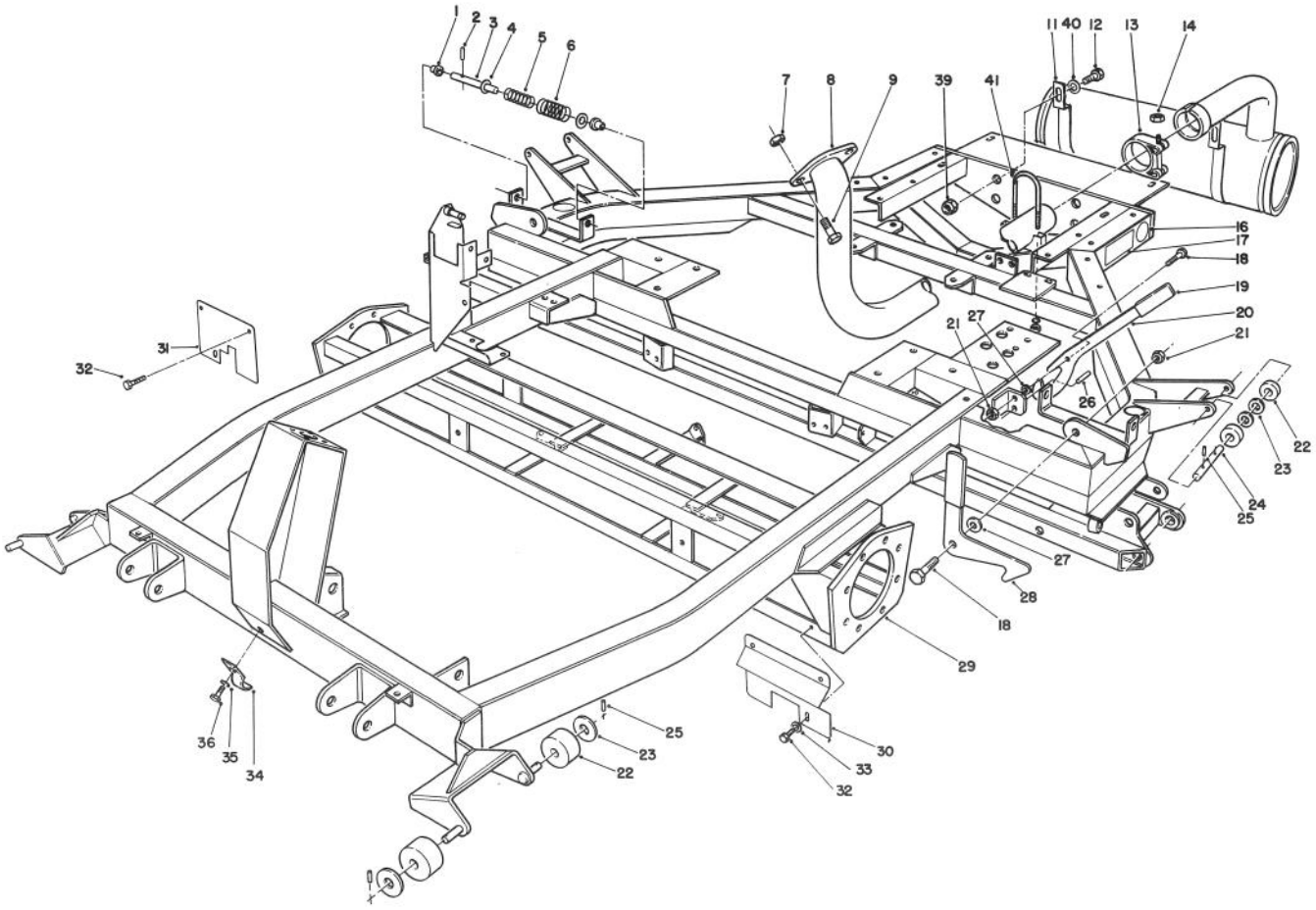


T–1557

FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	63–7624	Hose – Fuel	2
2	2412–36	Hose – Clamp	4
3	75–8240	Fitting – Fuel, hose	2
4	2812–1	Bushing – Pipe	2
5	62–7650	Gasket	1
6	77–4820	Sender – Fuel	1
7	3250–31	Screw	5
8	3253–2	Washer – Lock	5
9	321–5	Screw	2
10	3256–16	Washer – Flat	2
11	3217–5	Nut – Hex.	4
12	72–0090	Cap – Fuel Tank	1
13	75–8320	Assembly – Gasket	1
14	75–8250	Assembly – Strap w/Foam	1
15	3274–54	Screw – Cap Soc. Hd.	4
16	13–6329	Assembly – Strap w/Foam	2

Ref. No.	Part No.	Description	No. Used
17	86–6960	Tank – Fuel	1
18	32107–11	Nut – Square	4
19	13–6339	Assembly – Strap w/Foam	4
20	3256–27	Washer – Flat	4
21	48–9570	Washer – Lock	4
22	48–7730	Screw – Cap Hex. Hd. (Full Thread)	4
23	3290–355	Pin – Cotter, Hair	5
28	72–0040	Plate – Tank, Fuel	1
29	72–0110	Pad – Tank, Fuel	1
30	240–9	Grommet	3
31	3253–3	Washer – Lock	4
32	2412–106	Clamp – R	7
33	3256–22	Washer – Flat	3
34	321–3	Screw – Cap Hex. Hd.	3



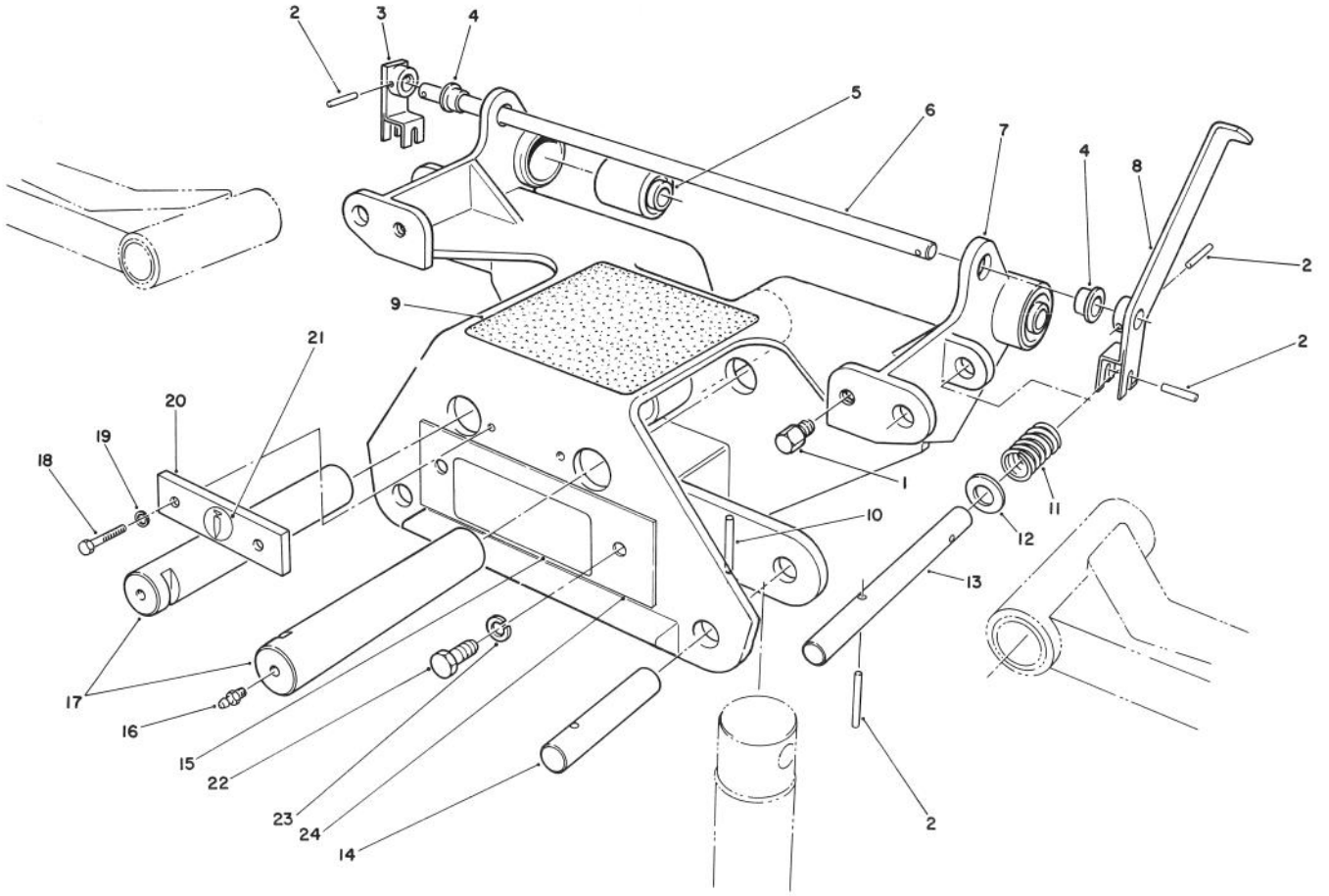
T–0132

CHASSIS & MUFFLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	58–2800	Bushing	4
2	60–3720	Pin – Roll	2
3	58–2810	Rod	2
4	3256–7	Washer – Flat	4
5	48–6780	Spring	2
6	60–1240	Spring	2
7	60–6660	Nut – Hex	2
8	76–3470	Tube – Exhaust	1
9	48–9470	Bolt	2
10	60–1670	Nut – Spring	2
11	74–2850	Muffler	1
*†	74–2900	Muffler (Spark Arrester)	1
12	323–18	Screw – Cap Hex. Hd.	2
13	60–1980	Clamp (Incl. Ref. #14 & 15)	1
‡14		Nut	1
16	58–6520	Decal – Grease	3
17	58–5910	Decal – Tire Pressure	2
18	60–6870	Bolt	3
19	48–7080	Cap	3
20	58–3800	Lever	1

Ref. No.	Part No.	Description	No. Used
21	51–2070	Nut	3
22	82–4910	Roller	8
23	51–2060	Washer	8
24	60–0160	Pin – Roller Rear	2
25	60–2110	Pin – Roll	8
26	48–8830	Pin – Roll	1
27	48–8850	Washer – Bevel	3
28	48–8540	Lever	2
29	74–2800	Chassis	1
30	60–4190	Grass Shield – L.H.	1
31	60–4200	Grass Shield – R.H.	1
32	48–6900	Screw – Hex Hd.	6
33	48–8010	Washer	2
34	60–2080	Clamp – Hose	1
35	48–9570	Washer – Lock	1
36	48–7680	Screw – Cap Hex Hd.	1
38	3256–4	Washer – Flat	2
39	3296–39	Nut – Lock	2
40	3256–3	Washer – Flat	2
41	76–3560	Clamp – Exhaust	1

*Not Illustrated †Optional
‡Not Serviceable Separately

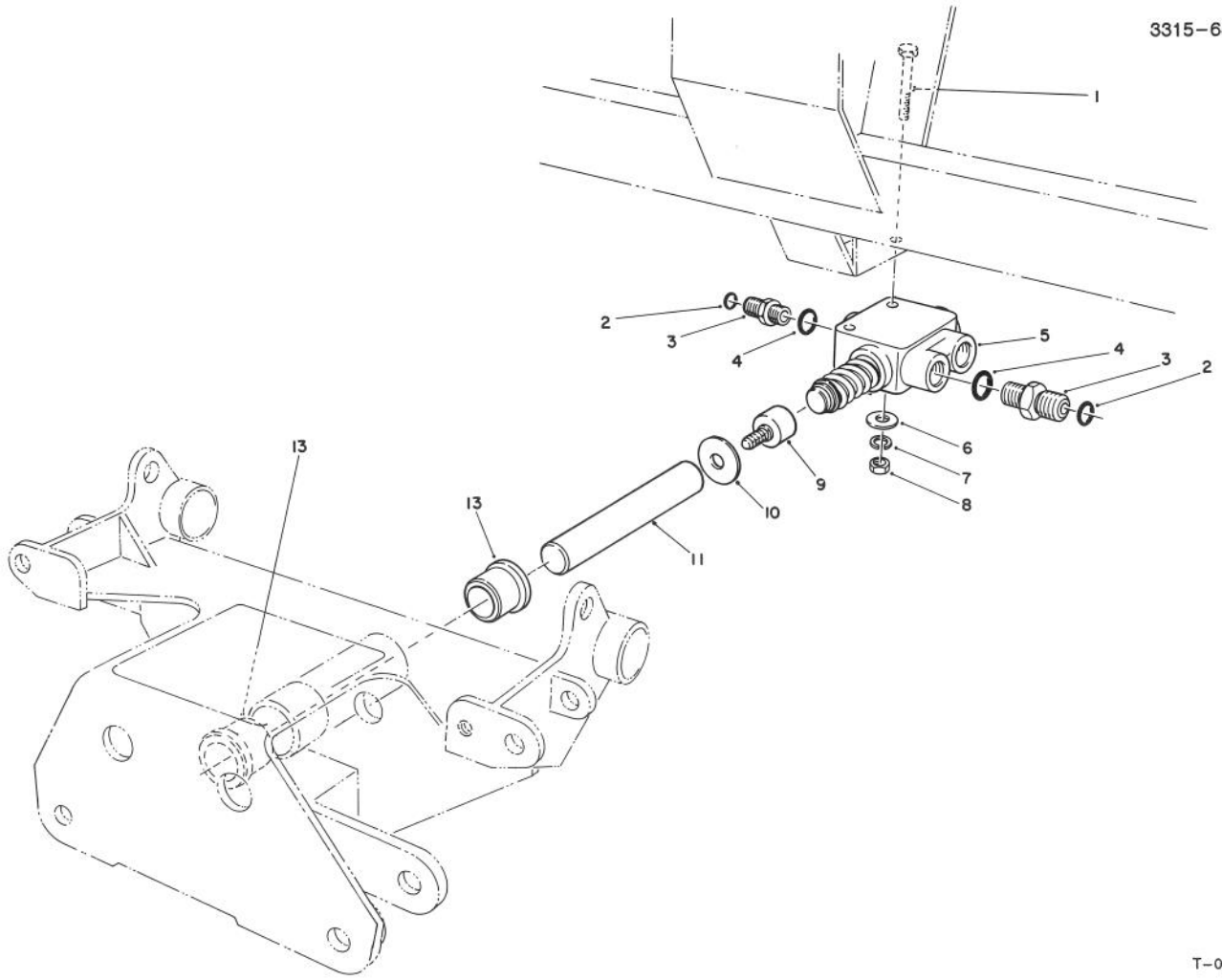


T–0133A

FRONT CARRIER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	82–9250	Stud – Threaded	2
2	60–2000	Pin – Dowel	6
3	60–1750	Lever – R.H.	1
4	60–1990	Bushing – Flange	2
5	47–7010	Bushing	2
6	60–1820	Shaft – Pivot	1
7	60–0070	Carrier – Front (Used on Model 03700–10001 Thru 10061)	1
7	74–2920	Carrier – Front (Used on Model 03701–10001 & UP and 03700–10062 & UP)	1
8	60–1780	Lever – L.H.	1
9	82–9370	Pad – Step	1
10	60–1270	Pin – Spirol	2

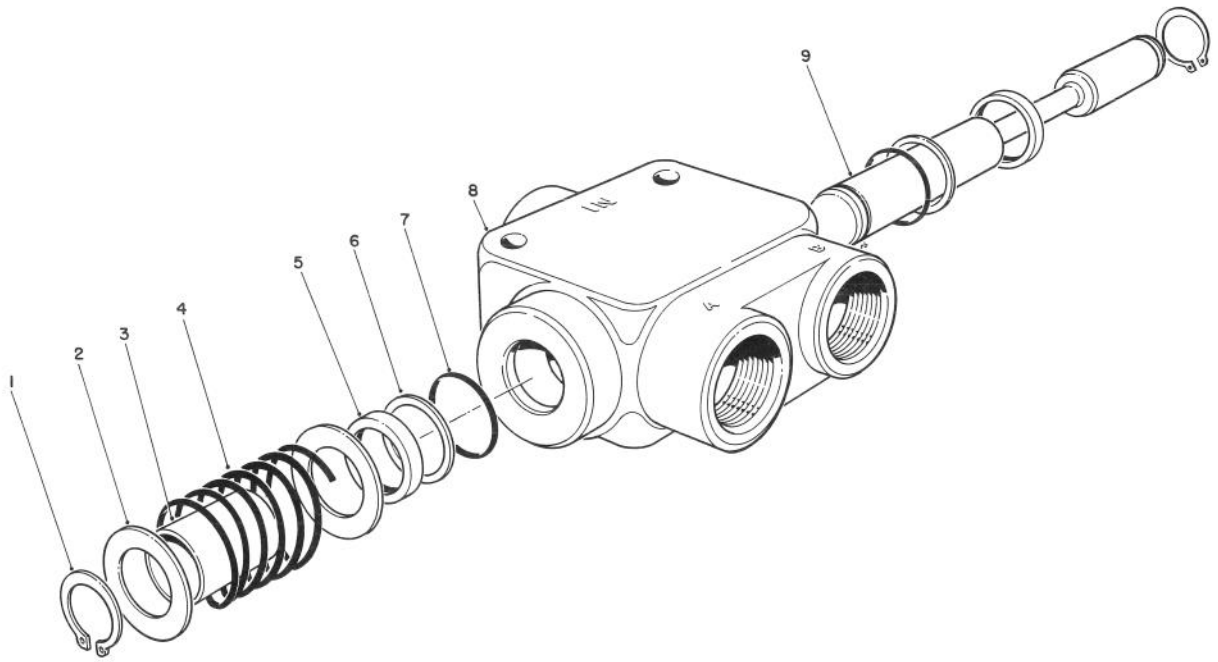
Ref. No.	Part No.	Description	No. Used
11	60–0670	Spring – Compression	2
12	51–2060	Washer (Used on Model 03700–10001 Thru 10061)	2
13	82–9360	Rod – Latch	2
14	58–2720	Pin – Cylinder Mount	2
15	86–6120	Decal – Towing	1
16	302–5	Fitting – Grease	2
17	60–0090	Pin – Lift Arm, Pivot	2
18	322–2	Screw – Cap Hex. Hd.	2
19	3253–4	Washer – Lock	2
20	60–0190	Retainer	1
21	58–6520	Decal – Grease	1
22	325–2	Screw – Cap Hex. Hd.	2
23	3253–7	Washer – Lock	2
24	84–6480	Plate – Decal	1



PUSH ROD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322-12	Screw – Cap Hex Hd.	2
2	237-65	O-Ring	3
3	340-7	Fitting – Straight (Incl. Ref. #2 & 4)	3
4	237-80	O-Ring	3
5	58-5460	Valve – Shutoff	1
6	3256-23	Washer – Flat	2

Ref. No.	Part No.	Description	No. Used
7	3253-4	Washer – Lock	2
8	3217-6	Nut – Hex	2
9	59-7140	Bumper	1
10	3256-68	Washer	A/R
11	60-0300	Rod	1
13	48-6640	Bushing – Flange	2



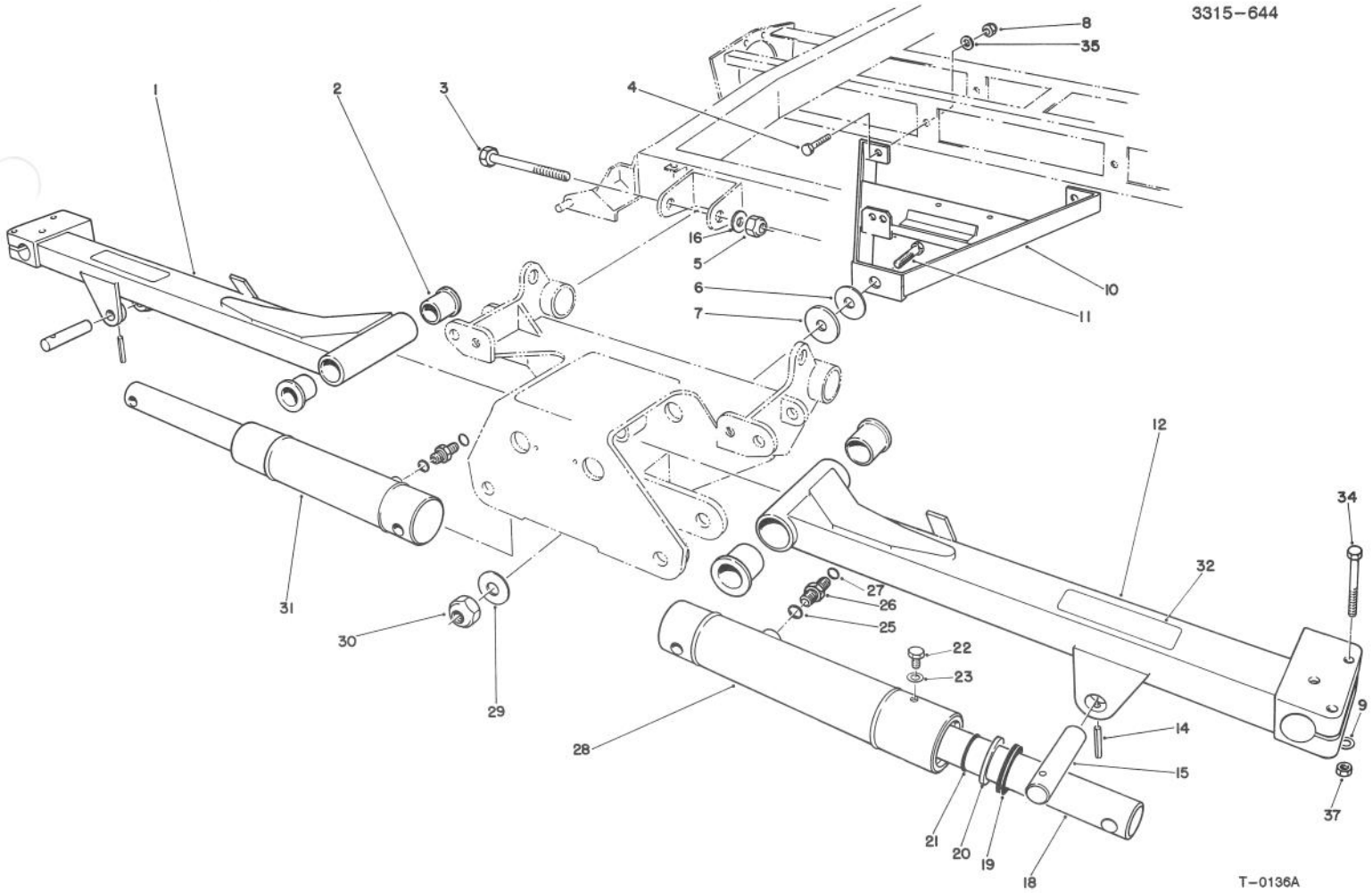
T–0135

REEL SHUT–OFF VALVE NO. 58–5460

Ref. No.	Part No.	Description	No. Used
1	59–7810	Circlip	2
2	59–7820	Washer	2
†3		Spacer	1
4	59–7840	Spring	1
5	59–7850	Wiper	2
6	59–7860	Backup Washer	2

Ref. No.	Part No.	Description	No. Used
7	59–7780	O–Ring	2
†8		Body	1
†9		Spool	1
*	59–7890	Seal Kit (Incl. Ref. #1, 5, 6 & 7)	1

*Not Illustrated
†Not Serviceable Separately



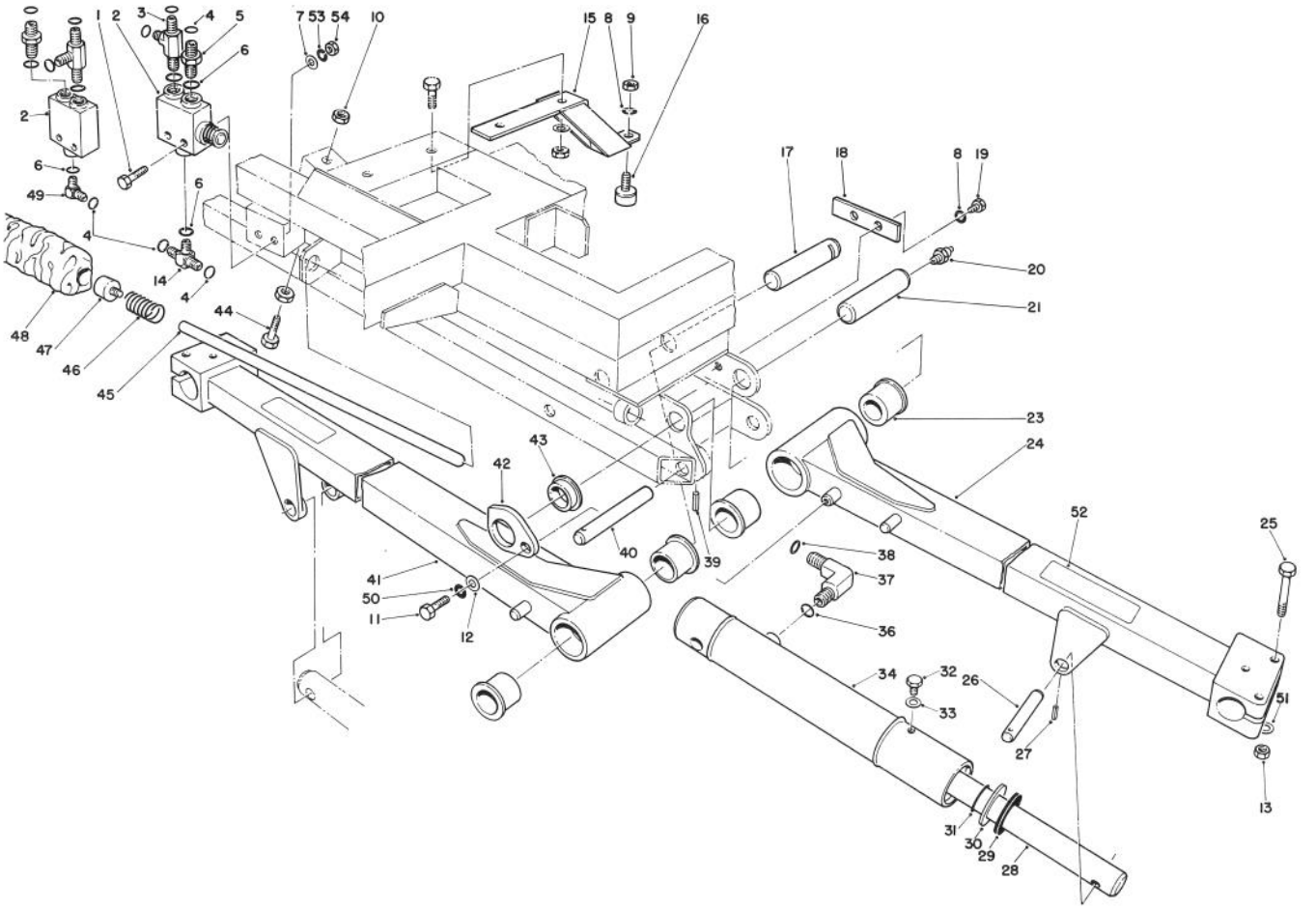
NO. 2 & 3 LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	82–9560	No. 3 Lift Arm	1
2	68–6480	Bushing	4
3	325–17	Bolt	2
4	48–9470	Bolt	2
5	3296–23	Nut – Lock	2
6	52–6180	Washer	A/R
7	60–3250	Washer – Rubber	1
8	48–9520	Nut – Lock	2
9	3256–3	Washer – Flat	6
10	60–0440	A–Frame	1
11	48–9490	Bolt	1
12	82–9550	No. 2 Lift Arm	1
14	60–1280	Pin – Roll	2
15	58–4380	Pin – Pivot	2
16	3256–26	Washer – Flat	2
†18		Rod	2
19	60–3630	Wiper	2
20	60–3620	Seal	2

Ref. No.	Part No.	Description	No. Used
21	60–3610	Snap – Ring	2
22	60–3660	Screw – Bleed	2
23	60–3650	Washer	2
25	237–42	O–Ring	2
26	340–2	Adapter (Incl. Ref. #25 & 27)	2
27	237–22	O–Ring	2
†28		Barrel – Cylinder	2
29	48–9600	Washer	1
30	48–9540	Nut	1
31	84–6210	Cylinder – Complete (Incl. Ref. #18–23 & 28)	2
32	61–3610	Decal	2
34	323–13	Bolt	6
35	48–9580	Washer	2
37	3296–39	Nut – Lock	6
*	62–6370	Seal Kit – Lift Cylinder (Incl. Ref. #19–21 & 23)	1

*Not Illustrated
†Not Serviceable Separately

3315–644



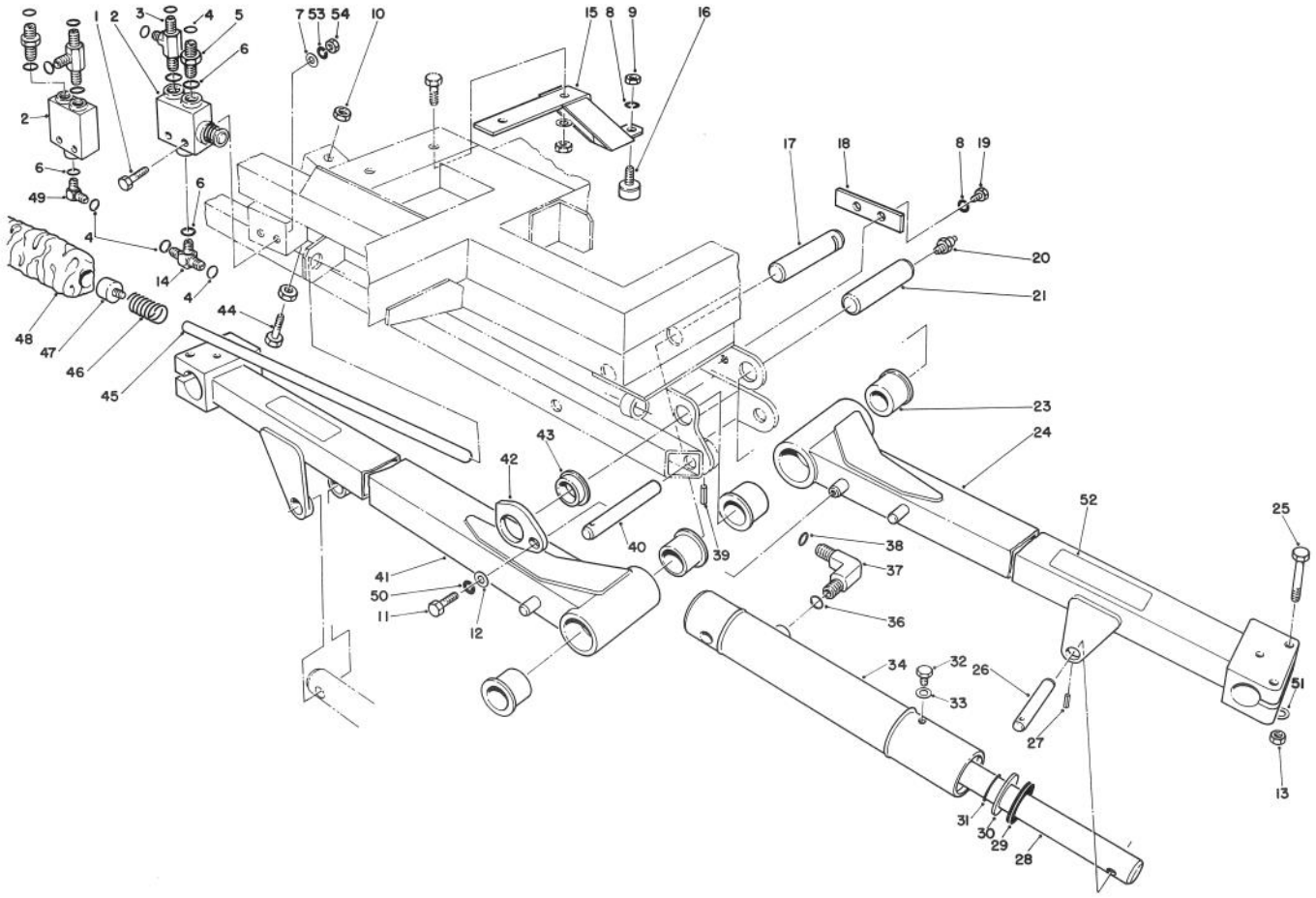
T–0137

NO. 1, 4 & 5 LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322–12	Bolt	4
2	58–5460	Valve – Shut–Off	2
3	340–22	Fitting – Tee (Incl. Ref. #4 & 6)	2
4	237–65	O–Ring	9
5	340–7	Fitting (Incl. Ref. #4 & 6)	2
6	237–80	O–Ring SAE	6
7	3256–23	Washer	4
8	48–9570	Washer – Lock	6
9	48–7930	Nut – Hex.	2
10	48–9530	Nut – Hex.	2
11	48–7780	Bolt	2
12	48–9580	Washer	2
13	3296–39	Nut – Lock	9
14	340–93	Fitting – Tee (Incl. Ref. #4 & 6)	1
15	60–1050	Bracket	2
16	48–3280	Bumper	2
17	60–0090	Pin – #1 Lift Arm Pivot	1
18	60–0190	Retainer – #1 & 4 Pivot Pin	1
*	60–1640	Retainer – #5 Pivot Pin	1
19	48–7700	Bolt	4
20	302–5	Fitting – Grease	3
21	60–0100	Pin – #4 & 5 Lift Arm Pivot	2

Ref. No.	Part No.	Description	No. Used
23	68–6480	Bushing	6
24	82–9570	Lift Arm No. 4	1
25	323–13	Bolt	9
26	58–4380	Pin – Pivot	3
27	60–1280	Pin – Roll	3
†28		Rod	3
29	60–3630	Wiper	3
30	60–3620	Seal	3
31	60–3610	Snap – Ring	3
32	60–3660	Screw – Bleed	3
33	60–3650	Washer	3
†34		Barrel – Cylinder	3
36	237–42	O–Ring SAE	3
37	340–77	Fitting (Incl. Ref. #36 & 38)	3
38	237–22	O–Ring	3
39	60–1270	Pin – Roll	3
40	58–2720	Pin – Pivot	3
41	82–9540	Lift Arm No. 1	1
42	58–9210	Cam	2
43	60–0080	Bushing – Flanged	2
44	53–5940	Bolt	1
45	60–1340	Rod – Push, R.H.	1
*	60–1350	Rod – Push, L.H.	1
46	58–3570	Spring – Compression	2

*Not Illustrated
†Not Serviceable Separately



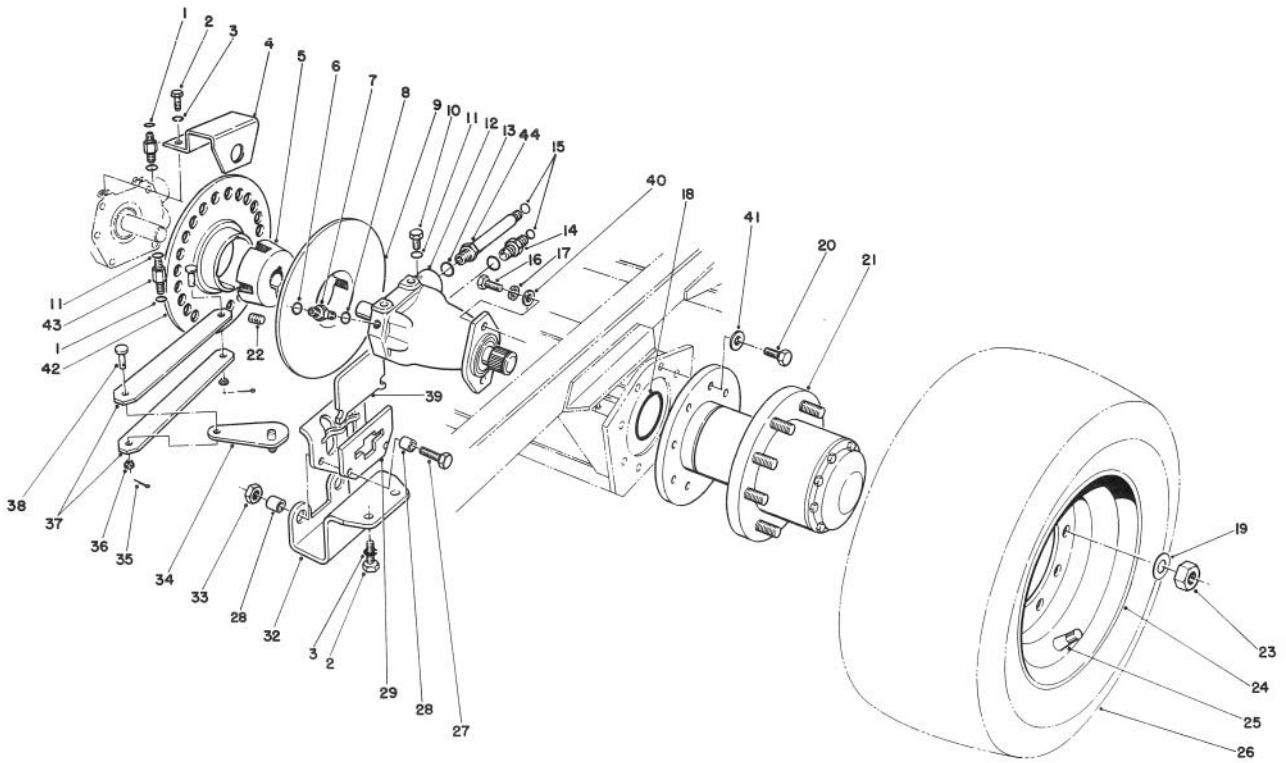
T–0137

NO. 1, 4 & 5 LIFT ARMS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	59–7140	Bumper	2
48	58–9630	Sleeve – Protector	2
49	340–17	Fitting (Incl. Ref. #4 & 6)	1
50	48–9590	Washer – Lock	2
51	3256–3	Washer – Flat	9
52	61–3610	Decal	3
53	3253–4	Washer – Lock	4

Ref. No.	Part No.	Description	No. Used
54	3217–6	Nut – Hex.	4
*	84–6210	Cylinder – Lift, Complete (Incl. Ref. #28–34)	3
*	82–9580	Lift Arm No. 5	1
*	62–6370	Seal Kit – Lift Cylinder (Incl. Ref. #29–31 & 33)	1

*Not Illustrated



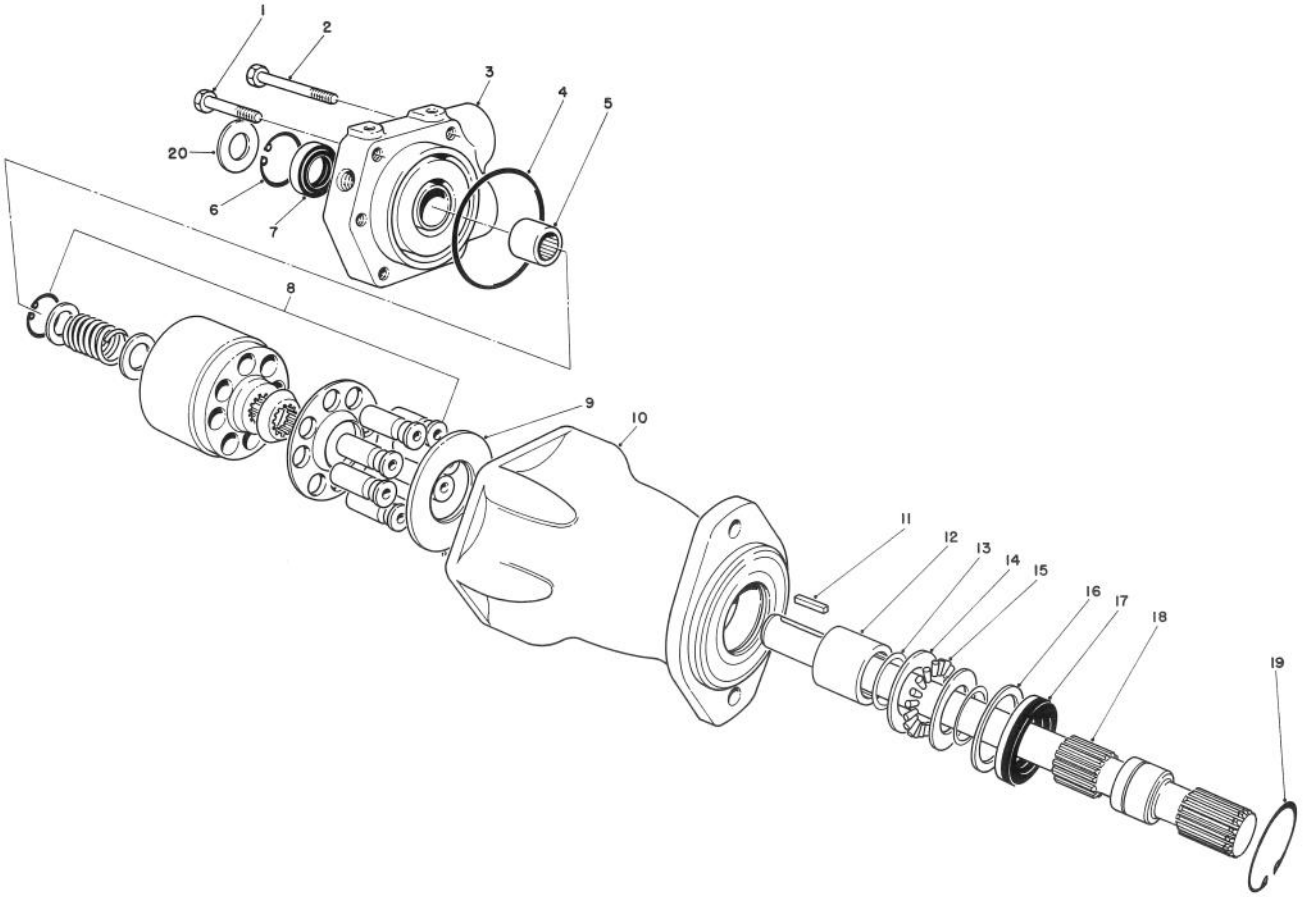
T–0138A

TRACTION DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237–21	O–Ring	2
2	322–3	Screw – Cap Hex. Hd.	6
3	3253–4	Washer – Lock	6
4	82–9330	Bracket – Sensor	1
5	23–1840	Bushing (Incl. Ref. #22)	2
6	237–22	O–Ring	2
7	340–2	Fitting (Incl. Ref. #6 & 8)	2
8	237–42	O–Ring	2
9	58–0070	Disc – Brake	1
10	353–948	Plug (Incl. Ref. #11)	2
11	237–118	O–Ring	4
12	58–5430	Motor – Wheel	2
13	237–81	O–Ring	4
14	340–9	Fitting (Incl. Ref. #13 & 15)	2
15	237–58	O–Ring	4
16	323–18	Bolt	4
17	3253–5	Washer – Lock	4
18	353–949	O–Ring	2
19	60–6990	Washer	18
20	327–3	Bolt	16
21	58–5530	Hub – Drive (Model 03701)	2
*	62–6400	Hub – Drive (Model 03700)	2

Ref. No.	Part No.	Description	No. Used
22	3247–10	Screw – Set	4
23	3219–5	Nut – Hex.	18
24	58–5610	Rim	2
25	58–5620	Tube – Inner	2
26	63–4480	Tire (Model 03700)	2
*	58–5600	Tire (Model 03701)	2
27	323–20	Bolt	4
28	58–3780	Spacer	8
29	29–1060	Bracket	2
32	58–0110	Bracket	2
33	3296–17	Nut – Lock	4
34	29–1070	Assembly – Lever	2
35	3272–6	Pin – Cotter	4
36	60–1740	Nut – Spring	4
37	58–2300	Link – Brake	4
38	283–67	Pin – Clevis	4
39	29–1080	Pad	4
40	3256–3	Washer – Flat	4
41	3256–27	Washer – Flat	16
42	82–9280	Disc – 22 Hole (Used on Model 03700)	1
*	82–9270	Disc – 27 Hole (Used on Model 03701)	1
43	340–90	Fitting (Incl. Ref. #1 & 11)	2
44	340–11	Fitting (Incl. Ref. #13 & 15)	2

*Not Illustrated

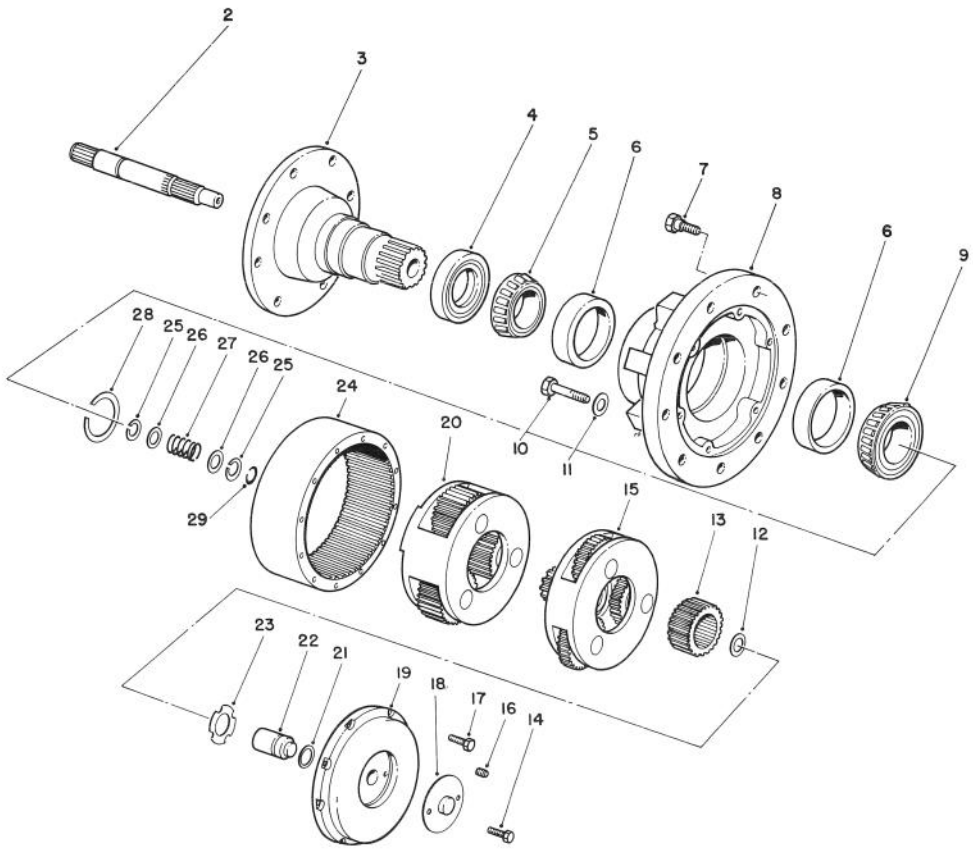


T–0139A

WHEEL MOTOR ASSEMBLY NO. 58–5430

Ref. No.	Part No.	Description	No. Used
1	59–8290	Screw – Cap Hex. Hd.	3
2	59–8280	Screw – Cap Hex. Hd.	3
3	59–8270	Assembly – Back Plate (Incl. Ref. #5)	1
4	59–8260	O–Ring	1
5	60–3590	Bearing	1
†6		Ring – Retaining	1
†7		Seal – Shaft	1
8	59–8340	Assembly – Rotating	1
9	59–8350	Asssembly – Camplate	1
10	59–8300	Assembly – Housing (Incl. Ref. #12)	1
11	59–8380	Key	1
12	60–3380	Bearing	1
13	32151–29	Ring – Retaining	2
14	252–71	Race – Thrust	1
15	252–66	Bearing – Thrust	1
16	33–3720	Washer	1
17	59–8370	Seal – Shaft	1
18	59–8360	Shaft – Drive	1
19	32151–13	Ring – Retaining	1
20	84–6440	Shield – Grass	1
*	59–8390	Kit – Seal Repair (Incl. Ref. #4, 6, 7, 13, 17,19 & 20)	1
*	66–5840	Kit – Seal Repair (Incl. Ref. #6, 7 & 20)	1

*Not Illustrated
†Not Serviceable Separately



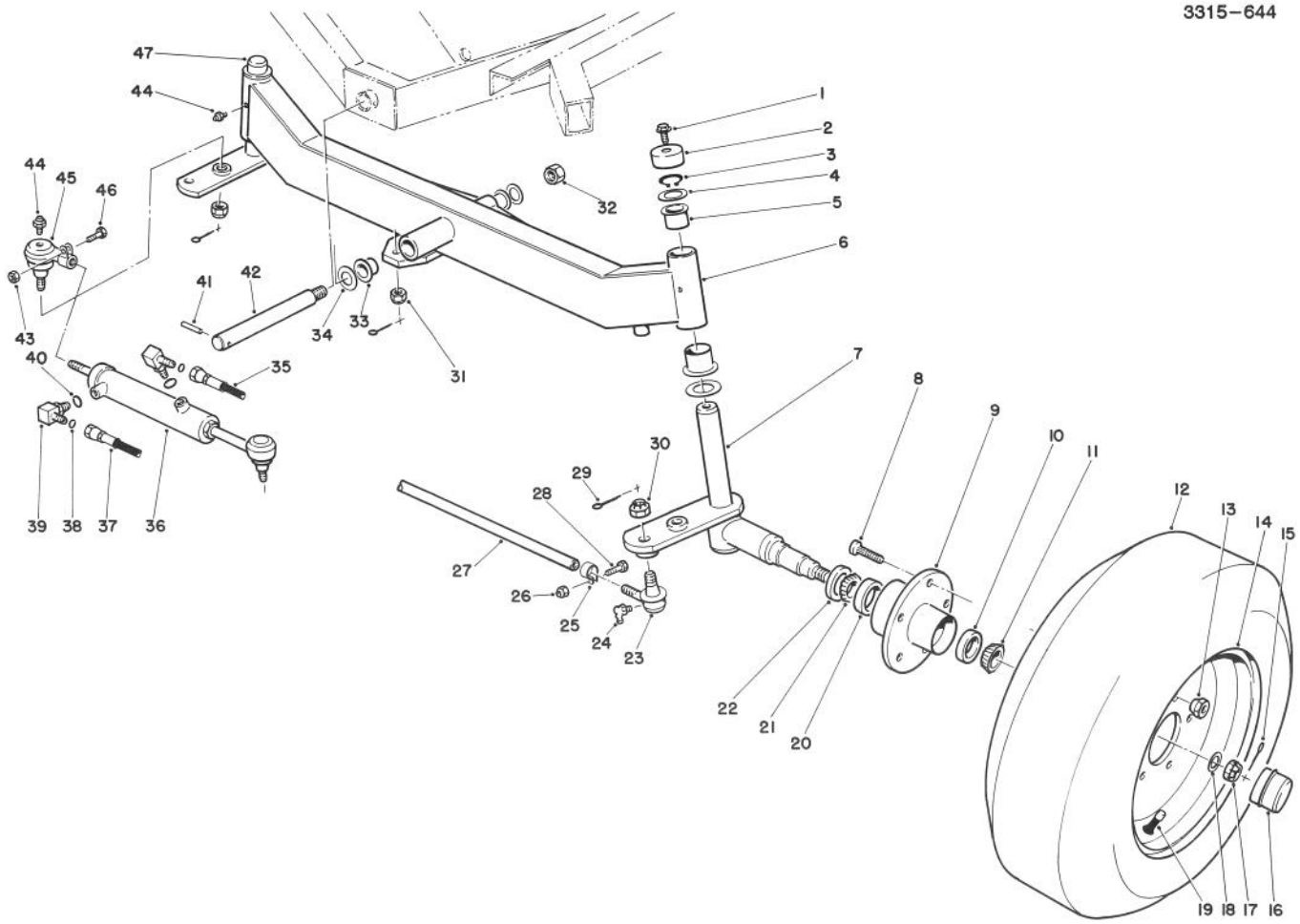
T–0140

PLANETARY GEAR DRIVE ASSEMBLY
High Speed Ratio (15.88:1) No. 58–5530□
Standard Speed Ratio (19.62:1) No. 62–6400‡

Ref. No.	Part No.	Description	No. Used
1	60–3800	Coupling	1
2	60–3810	Shaft – Input	1
3	60–3820	Spindle	1
4	60–3830	Seal – Oil	1
5	60–3840	Cone – Bearing	1
6	60–3850	Cup – Bearing	2
7	60–3860	Bolt – Wheel	9
8	60–3870	Hub	1
9	60–3880	Cone – Bearing	1
10	60–3890	Bolt – Hex. Hd.	6
11	60–3910	Washer – Flat	6
12	60–3980	Washer – Thrust	1
□13	60–3970	Gear – Primary Sun	1
‡13	62–6430	Gear – Primary Sun	1
14	60–4070	Bolt – Hex. Hd.	2
□15	60–3960	Assembly – Primary Carrier	1
‡15	62–6410	Assembly – Primary Carrier	1

Ref. No.	Part No.	Description	No. Used
16	60–4040	Plug – Pipe	1
17	60–4030	Bolt – Hex Hd.	8
18	60–4060	Cover – Disengage	1
19	60–4050	Cover – Large	1
□20	60–4000	Assy. – Secondary Carrier	1
‡20	62–6420	Assy. – Secondary Carrier	1
21	60–4020	O–Ring	1
22	60–4010	Plunger – Disengage	1
23	60–3990	Washer – Thrust	1
24	60–3900	Gear – Ring	1
25	82–8700	Ring – Retaining	2
26	60–3940	Washer	2
27	60–3950	Spring – Disengage	1
†28	62–6450	Kit – Retaining Ring	1
29	60–3930	Ring – Retaining	1
*	62–6460	Tube – RW Sealant	1

*Not Illustrated
†Includes 7 different thickness for service adjustment of bearings.
‡Used On Model 03700 □Used on Model 03701

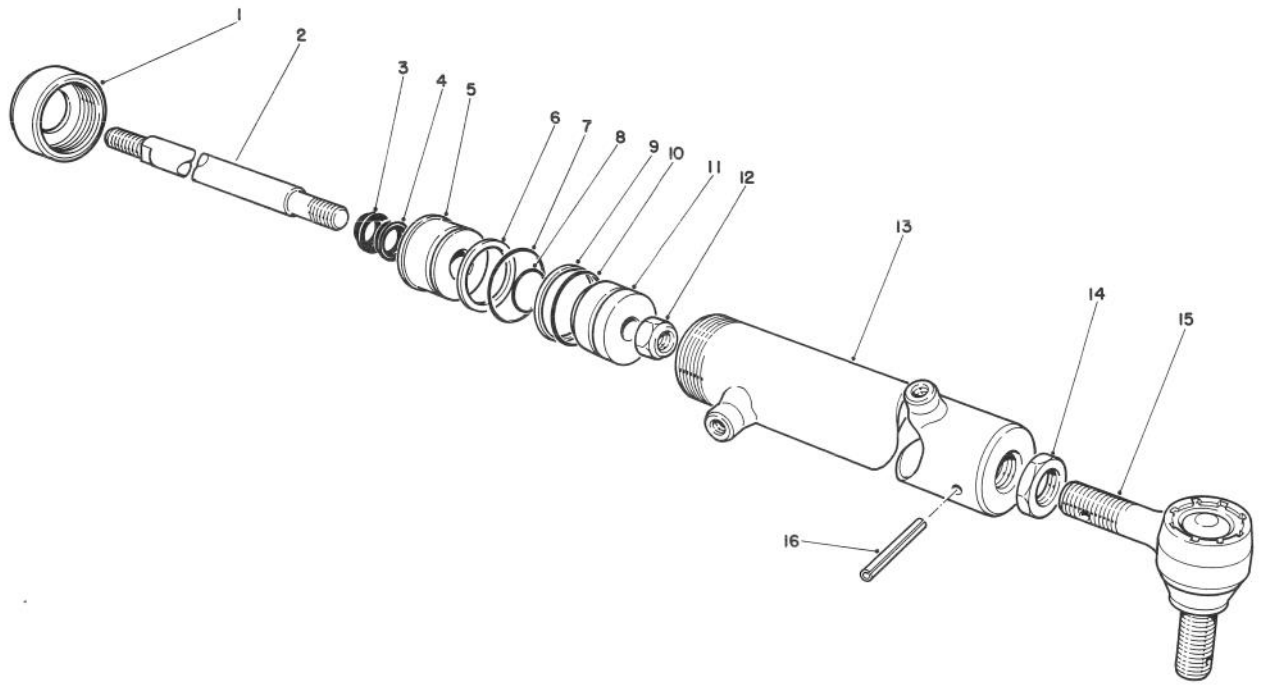


STEERING AXLE

Ref. No.	Part No.	Description	No. Used
1	3234–12	Screw – Hex. Flange Hd.	2
2	69–8890	Cap – Spindle	2
3	32151–10	Ring – Retaining	2
4	256–304	Washer – Thrust	4
5	69–6470	Bushing – Flange	4
6	82–9850	Axle – Rear	1
7	69–7370	Spindle – Wheel, L.H.	1
8	69–2990	Screw – Drive	10
9	69–2960	Hub – Wheel, Rear (Incl. Ref. #8, 10 & 20)	2
10	254–72	Cup – Bearing, Outer	2
11	254–92	Cone – Bearing, Outer	2
12	69–9880	Tire (Used on Model 03700)	2
12	58–5570	Tire (Used on Model 03701)	2
13	23–7270	Nut – Lug	10
14	217–116	Rim (Used on Model 03700)	2
14	58–5590	Rim (Used on Model 03701)	2
15	3272–13	Pin – Cotter	2
16	69–2970	Cap – Hub	2
17	32136–5	Nut – Castle	2
18	3256–28	Washer – Flat	2
19	232–27	Stem – Valve	2
20	254–107	Cup – Bearing, Inner	2
21	254–106	Cone – Bearing, Inner	2
22	69–2980	Seal – Inner	2
23	2116–4	Joint – Ball, R.H.	1
*	2116–3	Joint – Ball, L.H.	1
24	302–33	Fitting – Grease	2

Ref. No.	Part No.	Description	No. Used
25	2412–7	Assembly – Clamp (Incl. Ref. # 26 & 28)	2
†26		Nut – Lock	2
27	82–9260	Assembly – Tie Rod (Incl. Ref. #23–26, 28 & 30)	1
†28		Screw – Cap Hex. Hd.	2
29	3272–12	Pin – Cotter	4
30	32136–2	Nut – Castle	2
31	32136–13	Nut – Castle	2
32	3296–49	Nut – Lock	1
33	48–6640	Bushing – Flange	2
34	48–6660	Washer – Thrust	2
35	82–9840	Hose – Hydraulic	1
36	77–4800	Cylinder – Steering	1
37	82–9841	Hose – Hydraulic	1
38	237–22	O–Ring	2
39	340–97	Fitting – Hydraulic (Incl. Ref. #38 & 40)	1
40	237–78	O– Ring	2
41	60–3670	Pin – Roll	1
42	82–9210	Shaft – Pivot	1
†43		Nut – Hex.	1
44	302–5	Fitting – Grease	4
45	69–9810	Joint – Ball (Incl. Ref. #31, 43–44 & 46)	1
†46		Screw – Cap Hex. Hd.	1
47	69–7360	Spindle – Wheel, R.H.	1

*Not Illustrated
†Not Serviceable Separately



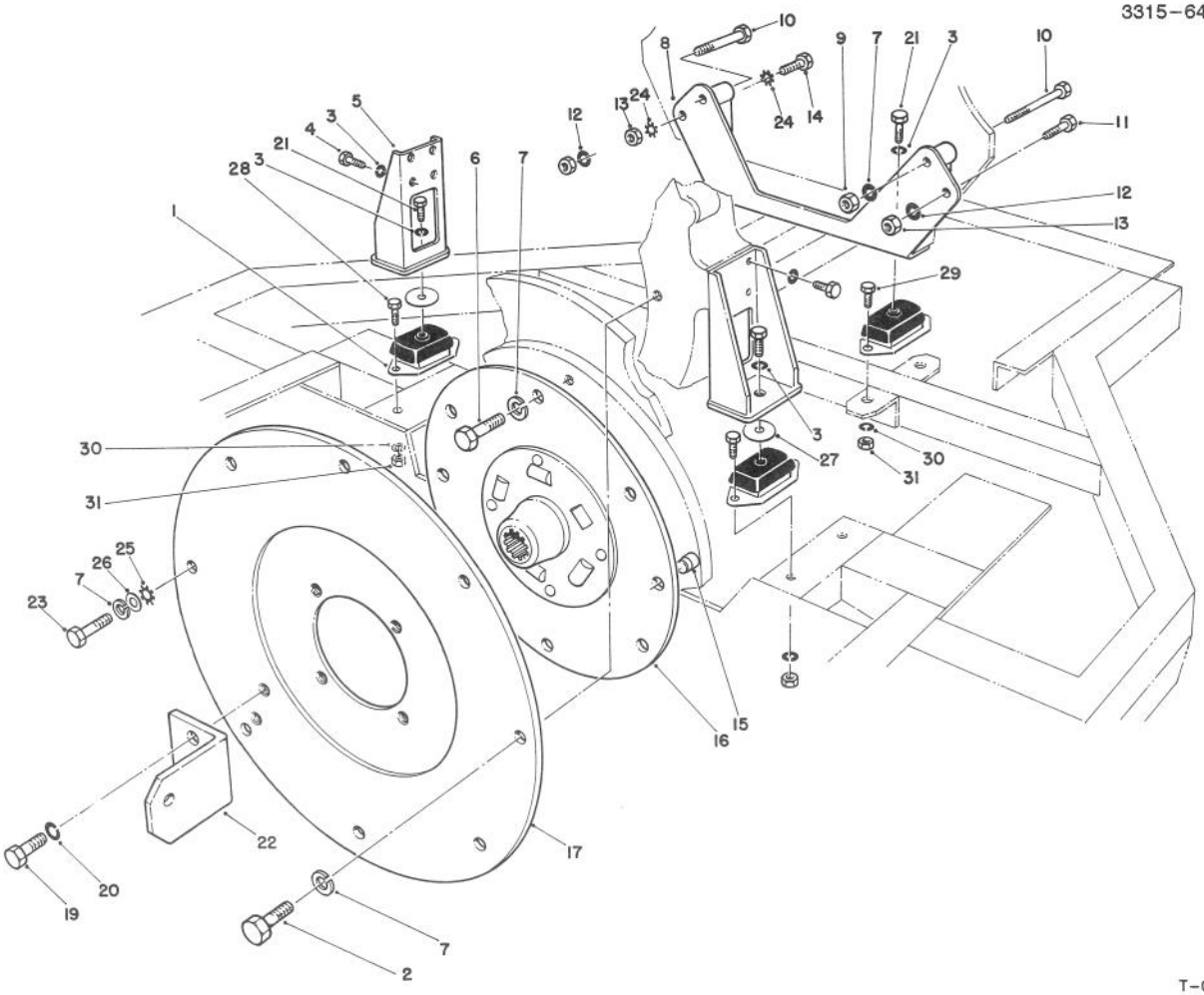
T–1209

HYDRAULIC CYLINDER 77–4800

Ref. No.	Part No.	Description	No. Used
1	82–5780	Cap – Threaded	1
2	82–5770	Rod	1
†3		Wiper – Rod	1
†4		U–Cup	1
5	82–5790	Head – Cap	1
†6		Backup Washer	1
†7		O–Ring	1
†8		O–Ring	1
†9		Servon	1

Ref. No.	Part No.	Description	No. Used
†10		O–Ring	1
11	82–5760	Piston	1
12	82–5750	Nut – Lock	1
†13		Assembly – Barrel	1
14	82–5740	Nut – Jam	1
15	82–5730	Rod Tie, End	1
16	32121–44	Pin – Roll	1
*	82–5800	Kit – Repair, Seal (Incl. Ref. #3, 4, & 6–10)	1

*Not Illustrated
†Not Serviceable Separately

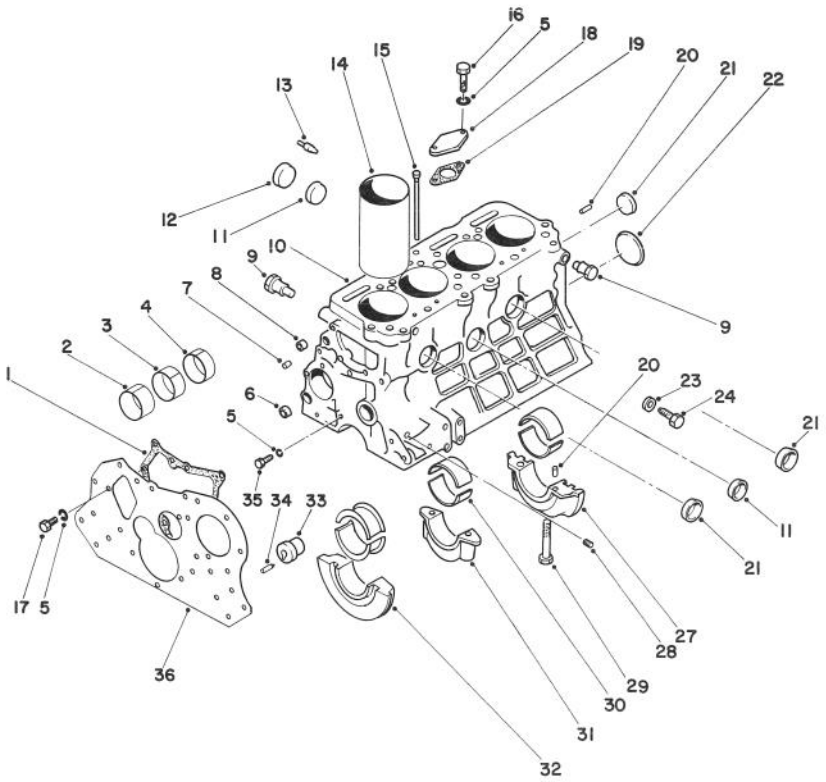


T-0142A

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	48-3250	Mount – Rubber	4
2	48-9470	Bolt	7
3	48-8070	Washer – Lock	12
4	48-7830	Bolt	8
5	48-3380	Leg – Support	2
6	48-7780	Bolt	6
7	48-9590	Washer – Lock	16
8	58-0660	Foot – Front	1
9	48-7960	Nut – Hex.	2
10	48-7570	Bolt	2
11	48-9460	Bolt	1
12	48-9570	Washer – Lock	2
13	48-7930	Nut – Hex.	3
14	60-4540	Bolt	1
15	58-3590	Dowel	2

Ref. No.	Part No.	Description	No. Used
16	48-6260	Coupling – Spring Center	1
17	69-9550	Plate – Pump Adapter	1
19	3213-20	Bolt	2
20	3253-7	Washer – Lock	2
21	60-6870	Bolt	4
22	60-1010	Lug – Angle	1
23	48-9480	Bolt	1
24	3255-8	Washer – Lock	2
25	3255-9	Washer – Lock	1
26	48-9580	Washer	1
27	58-5100	Washer	
28	323-7	Screw – Cap Hex. Hd.	4
29	323-6	Screw – Cap Hex. Hd.	4
30	3253-5	Washer – Lock	8
31	3217-7	Nut – Hex.	8



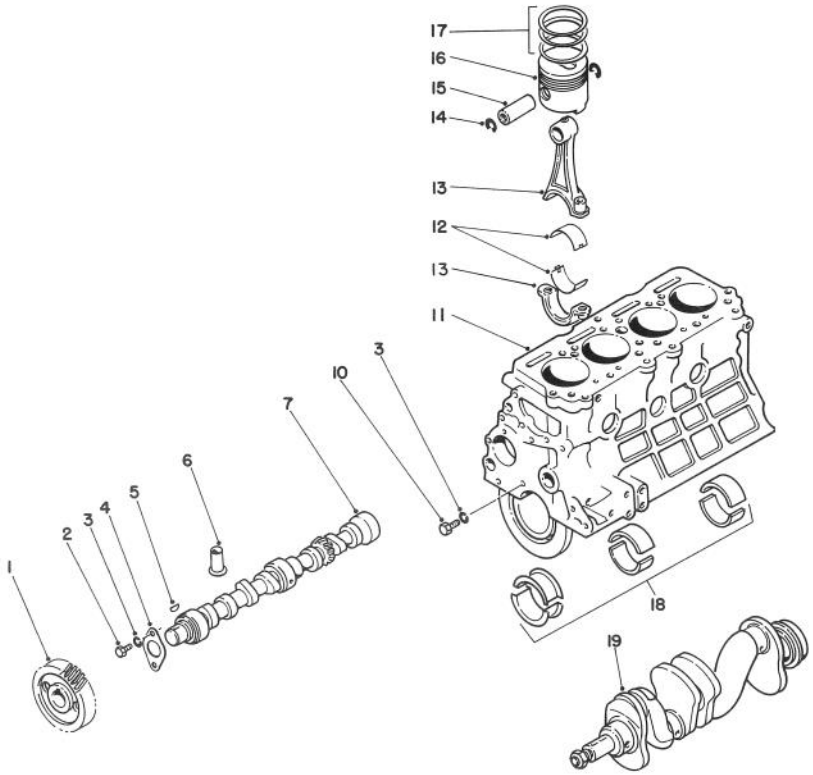
T–0143

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	51–5730	Gasket	1
2	51–5500	Bushing – Camshaft No. 1	1
3	51–5510	Bushing – Camshaft No. 2	1
4	51–5520	Bushing – Camshaft No. 3	1
5	51–7250	Washer	5
6	51–5530	Cap – Sealing	2
7	51–5540	Pin – Dowel, Gear Case	2
8	51–5690	Cap	1
9	51–5580	Hanger	2
†10		Crankcase	1
11	51–5600	Cap – Sealing	3
12	51–5670	Cap – Sealing	2
13	51–8260	Switch – Indicator, Oil Pressure	1
14	51–5550	Sleeve – Cylinder Std.	4
	51–8090	Sleeve – Cylinder O.S.	4
15	51–5560	Pipe – Oil	1
16	60–7280	Bolt	2
17	60–7110	Bolt	2
18	51–6480	Cover	1
19	51–6490	Gasket	1

Ref. No.	Part No.	Description	No. Used
20	51–5610	Pin – Dowel	8
21	51–5590	Cap – Sealing	3
22	51–5660	Plug – Expansion	1
23	51–8270	Washer – Sealing	1
24	51–8280	Bolt	1
†27		Cap – Bearing No. 3	1
28	86–6240	Plug – Taper	3
29	86–6230	Bolt	6
30	51–5770	Bearing Set Std.	1
*	51–8100	Bearing Set 0.25mm U.S.	1
*	51–8110	Bearing Set 0.50mm U.S.	1
*	51–8120	Bearing Set 0.75mm U.S.	1
†31		Cap – Bearing No. 2	1
†32		Cap – Bearing No. 1	1
33	51–5640	Assembly – Idler Gear Shaft (Incl. Ref. #34)	1
34	51–5650	Pin – Spring	1
35	60–7310	Bolt	1
36	86–6250	Plate – Front	1
*	82–2950	Kit – Eng. Overhaul, Gasket	1
*	82–2960	Engine – Complete	1

*Not Illustrated
†Not Serviceable Separately



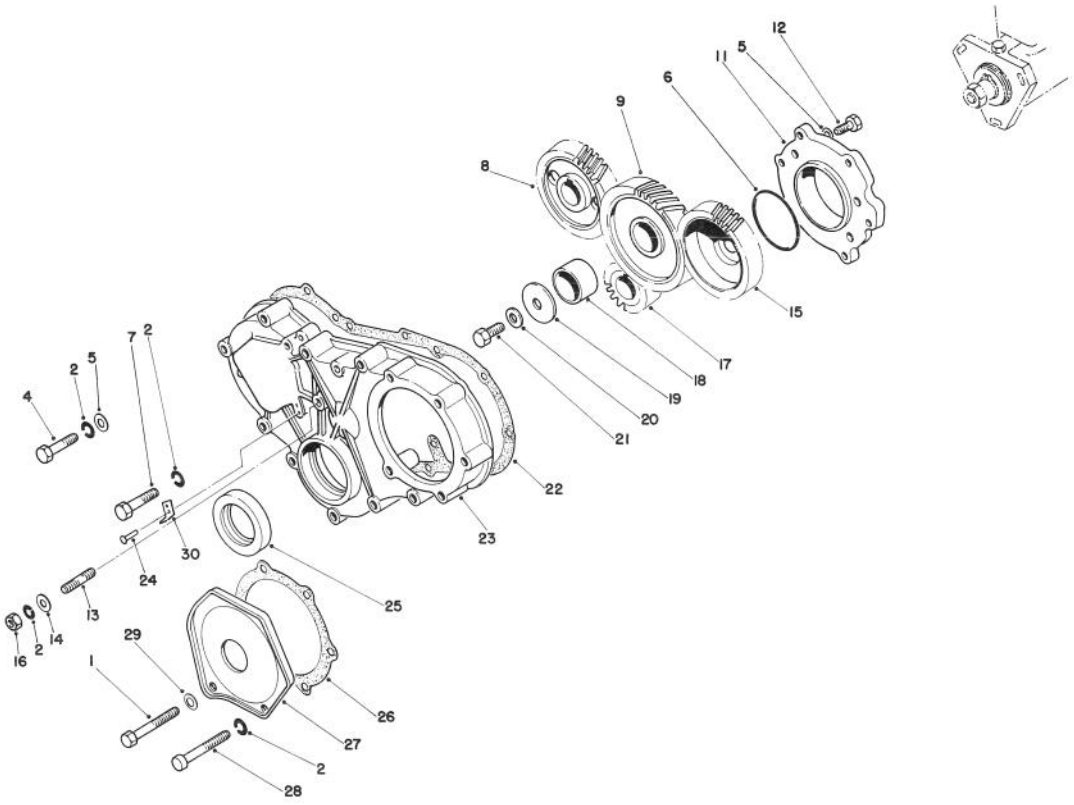
T–0144A

SHORT BLOCK ASSEMBLY NO. 82–2910
(For Engines Serial No. 159665 & UP)

Ref. No.	Part No.	Description	No. Used
1	51–6410	Gear – Camshaft	1
2	60–7110	Bolt	2
3	51–7250	Washer – Lock	3
4	51–5470	Plate – Thrust	1
5	51–5460	Key – Woodruff	1
6	86–6220	Tappet	8
7	51–5450	Camshaft	1
10	60–7310	Bolt	1
*11		Assembly – Crankcase	1

Ref. No.	Part No.	Description	No. Used
12	51–6240	Bearing – Connecting Rod	8
13	51–6200	Assembly – Connecting Rod	4
14	51–6190	Ring – Snap	8
15	51–6180	Pin – Piston	4
16	72–0240	Piston	4
17	51–6160	Ring Set – Piston	4
18	51–5770	Bearing Set – Main	1
19	86–6280	Assembly – Crankshaft	1

*Not Serviceable Separately

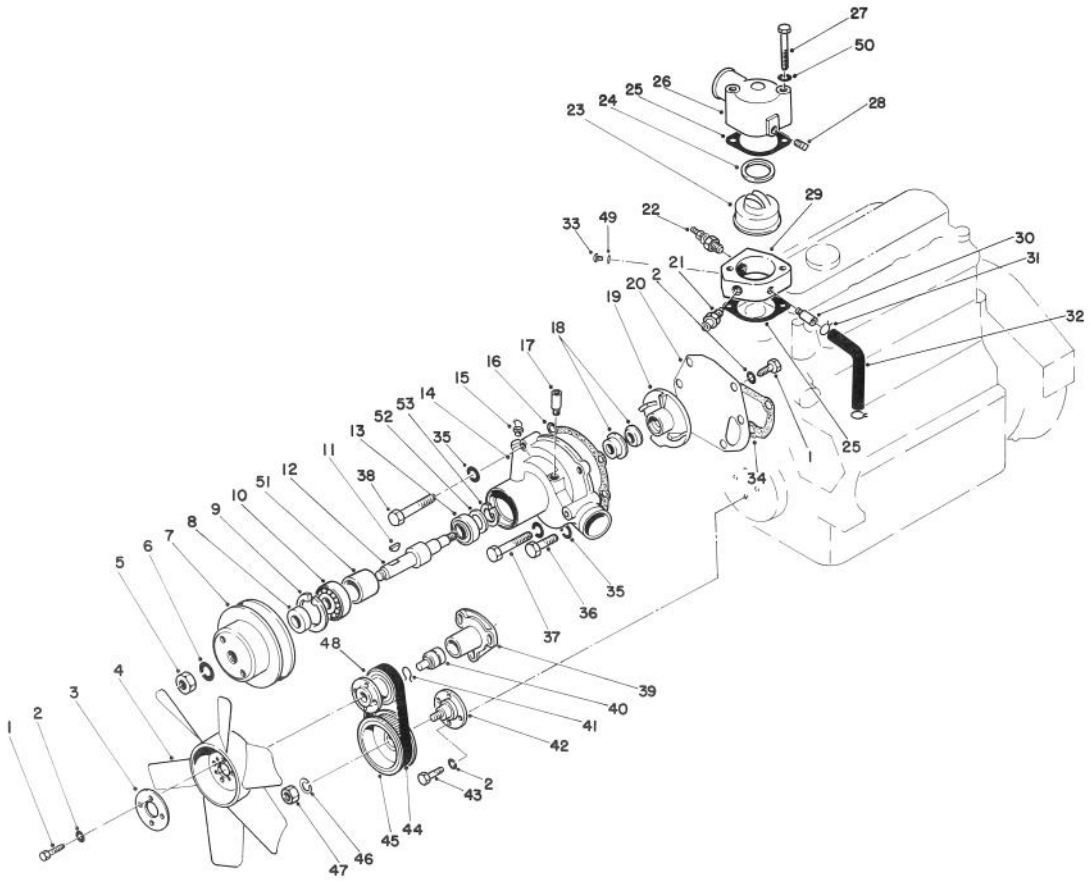


T–0146A

TIMING GEAR & CASE COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	60–6780	Bolt	4
2	51–7250	Washer – Spring	17
4	60–7040	Bolt	1
5	51–5160	Washer	2
6	60–7060	O–Ring	1
7	60–7050	Bolt	8
8	51–6410	Gear – Camshaft	1
9	86–6290	Assembly – Idler, Gear (Incl. Ref. #18)	1
11	60–7200	Plate – Flange	1
12	51–8310	Bolt	1
13	60–7150	Stud	3
14	60–5060	Washer	3
15	86–6310	Gear – Injector Pump	1
16	60–7120	Nut	3

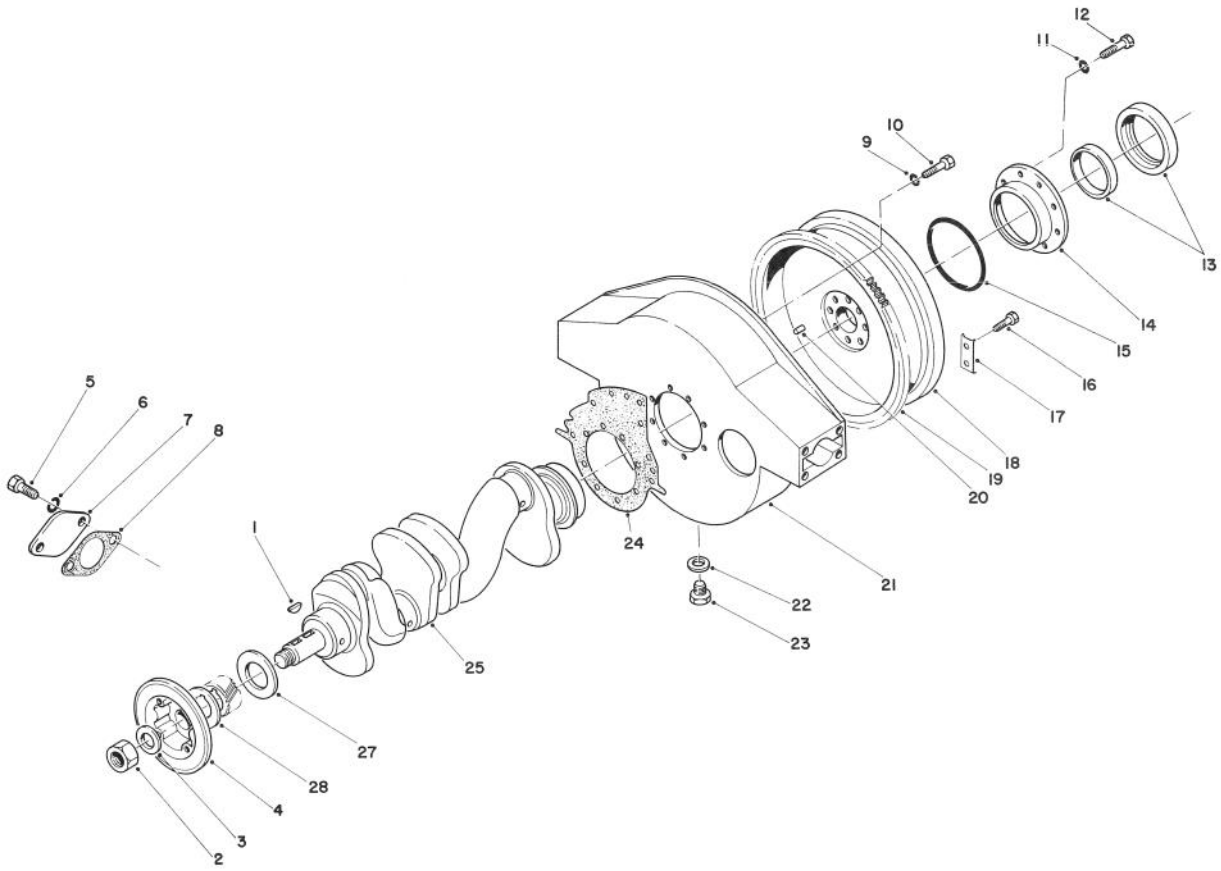
Ref. No.	Part No.	Description	No. Used
17	51–6450	Gear – Crankshaft	1
18	86–6300	Bushing	1
19	51–6400	Plate – Thrust	1
20	51–6390	Washer	1
21	60–7210	Bolt	1
22	51–5820	Gasket	1
23	86–6260	Case – Timing Gear	1
24	60–7160	Rivet	2
25	51–5870	Seal	1
26	51–5860	Gasket	1
27	51–5850	Cover	1
28	60–7180	Bolt	1
29	51–5840	Washer – Sealing	1
30	60–7170	Pointer	1



T–0148B

WATER PUMP & THERMOSTAT HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	60–7110	Bolt	6
2	51–7250	Washer – Spring	10
3	51–7270	Plate – Washer	1
4	49–0130	Fan	1
5	51–6910	Nut – Jam	1
6	51–6920	Washer – Spring	1
7	51–7130	Pulley –Water Pump	1
8	51–6930	Spacer – Water Pump	2
9	51–6940	Ring – Retaining	1
10	51–6950	Bearing – Ball	1
11	51–6960	Key – Woodruff	1
12	86–6320	Shaft	1
13	51–6980	Bearing – Ball	1
14	51–8240	Assembly – Water Pump (Incl. Ref. #1, 2, 5–13, 15–20 & 34–38)	1
15	51–7020	Fitting – Grease	1
16	51–7010	Gasket	1
17	86–6330	Pipe	1
18	51–7030	Seal Unit	1
19	86–6340	Impeller	1
20	51–7050	Cover	1
21	60–5590	Switch – Temp.	1
22	82–3110	Sender – Temp.	1
23	51–7230	Thermostat	1
24	51–7220	Gasket	1
25	51–7210	Gasket	2
26	51–7160	Assembly – Elbow (Incl. Ref. #28)	1
27	68–6030	Bolt	2
28	281–7	Plug	1
29	58–2110	Housing – Thermostat	1
30	51–7170	Pipe	1
31	51–7200	Clamp – Hose	2
32	51–7190	Hose – By–Pass	1
33	62–6320	Screw – Brass	1
34	51–7080	Gasket	1
35	51–6390	Washer – Spring	4
36	51–4910	Bolt	2
37	51–4920	Bolt	1
38	51–4930	Bolt	1
39	60–5280	Housing – Support	1
40	60–5290	Assembly – Bearing & Shaft	1
41	60–5310	Wire	1
42	60–5320	Shaft – Drive	1
43	60–7370	Bolt	4
44	62–6390	Belt	1
45	60–5200	Pulley – Drive	1
46	60–5230	Washer – Spring	1
47	60–5220	Nut	1
48	60–5300	Pulley – Driver	1
49	3255–5	Washer – Lock	1
50	3253–4	Washer – Lock	2
51	86–6370	Spacer	1
52	86–6360	Washer	1
53	86–6350	Ring – Retaining	1

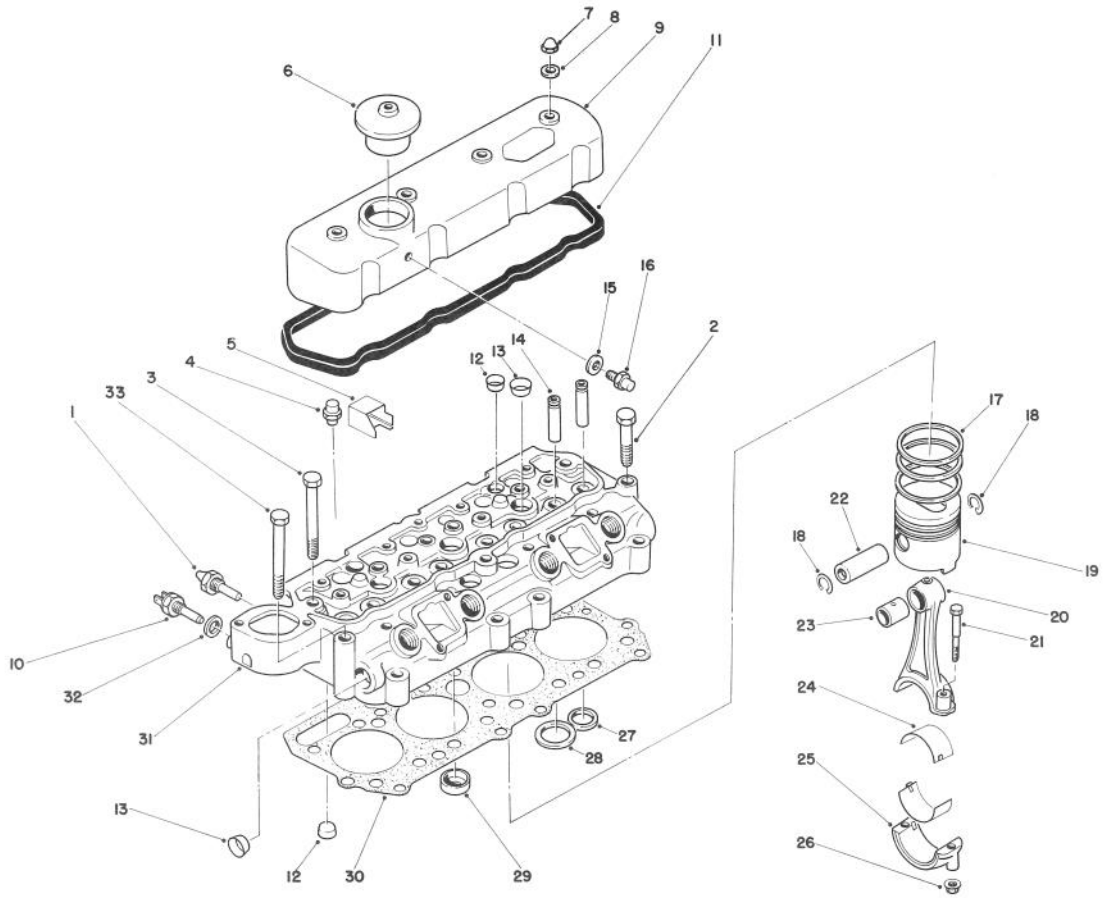


T–0150A

CRANKSHAFT & FLYWHEEL HOUSING COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	51–5460	Key – Woodruff	2
2	60–5220	Nut	1
3	51–6270	Washer	1
4	51–6310	Pulley – Crankshaft	1
5	60–7110	Bolt	2
6	51–7250	Washer – Spring	2
7	51–6010	Cover	1
8	51–6020	Gasket	1
9	51–6390	Washer – Spring	7
10	60–7480	Bolt	7
11	51–7400	Washer – Spring	8
12	60–7490	Bolt	8
13	60–7430	Assembly – Oil Seal	1
14	51–5900	Case – Seal, Oil	1
15	51–5910	O–Ring	1

Ref. No.	Part No.	Description	No. Used
16	51–6370	Bolt – Seal	4
17	51–6360	Washer – Lock	2
18	51–6340	Assembly – Flywheel (Incl. Ref. #19)	1
19	51–6350	Gear – Ring	1
20	51–6300	Pin – Dowel	2
21	51–5940	Housing – Flywheel	1
22	51–6100	Gasket – Housing, Flywheel	1
23	51–6030	Plug	1
24	86–6270	Gasket	1
25	86–6280	Assembly – Crankshaft (Incl. Ref. #1–3, & 20)	1
27	51–6330	Plate – Thrust	1
28	51–6320	Plate – Baffle	1



T–0151A

CYLINDER HEAD & PISTON COMPONENTS

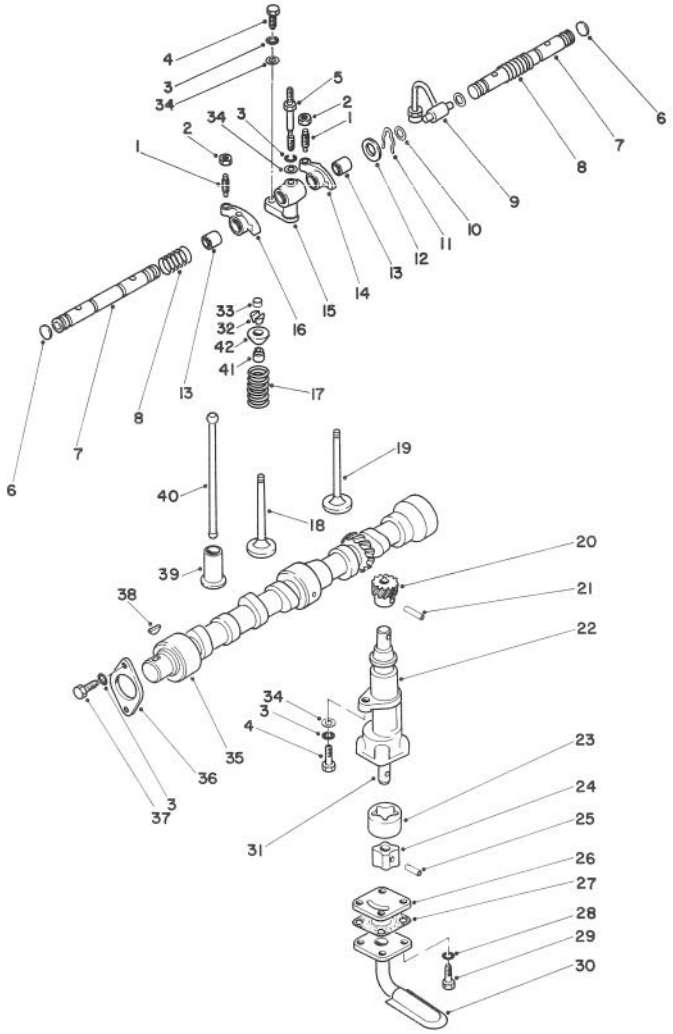
Ref. No.	Part No.	Description	No. Used
1	86–6520	Switch – Temp. Warning	1
2	51–5030	Bolt – Cylinder Head	5
3	51–5040	Bolt – Cylinder Head	10
4	51–5050	Connector – Fitting	1
5	51–5410	Cover	1
6	51–5350	Cap – Oil Fill	1
7	51–5360	Nut – Cap	4
8	51–5370	Gasket	4
9	51–5380	Asembly – Rocker Cover (Incl. Ref. #5,15–16)	1
10	59–7950	Switch – Cold Start	1
11	51–5420	Gasket – Rocker Cover	1
12	51–5530	Cap – Sealing	6
13	51–4940	Cap – Sealing	10
14	86–6200	Guide – Valve	8
15	51–5390	Washer – Sealing	1
16	51–5400	Connector	1
17	51–6160	Piston Ring Set Std.	1
*	51–8130	Piston Ring Set 0.5. 0.25mm	1
*	51–8140	Piston Ring Set 0.5. 0.50mm	1
*	51–8150	Piston Ring Set 0.5. 0.75mm	1
18	51–6190	Ring – Snap	8
19	72–0240	Piston Std.	4
*	82–2920	Piston .05 0.25mm	1

Ref. No.	Part No.	Description	No. Used
20	51–6200	Asembly – Connecting Rod (Incl. Ref. #21, 23, 25 & 26)	4
21	51–6220	Bolt	8
22	51–6180	Pin – Piston	4
23	51–6210	Bushing	4
24	51–6240	Bearing – Connecting Rod (Std.)	8
*	51–8190	Bearing – Connecting Rod U.S. 0.25mm	8
*	51–8200	Bearing – Connecting Rod U.S. 0.50mm	8
*	51–8210	Bearing – Connecting Rod U.S. 0.75mm	8
†25		Cap – Connecting Rod	4
26	51–6230	Nut	8
27	51–4970	Insert – Valve Seat, Exhaust	4
28	51–4980	Insert – Valve Seat, Inlet	4
29	72–0230	Jet – Combustion Std.	4
30	86–6190	Gasket – Cylinder Head	1
31	72–0220	Assembly – Cylinder Head (Incl. Ref. #12–14 & 27–29)	1
32	51–6890	Gasket	1
33	63–4740	Bolt –Cylinder Head	2

*Not Illustrated †Not Serviceable Separately

Note: Dimensions listed in millimeters to convert to inches; divide mm by 25.4.

3315–644



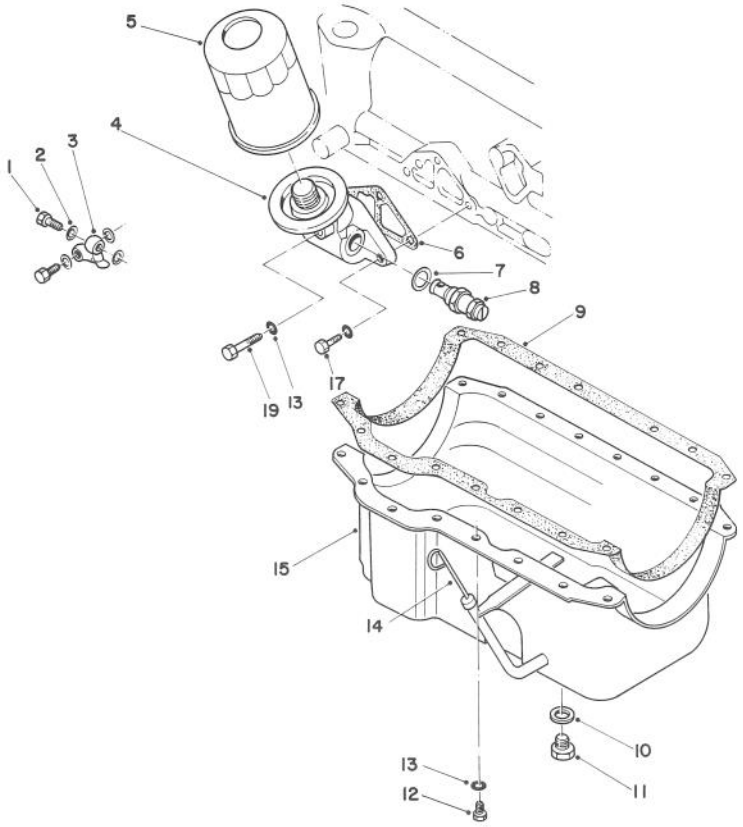
T–0152

VALVE, CAMSHAFT & PUMP COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	51–5130	Screw – Adjusting	8
2	51–5210	Nut – Jam	8
3	51–7250	Washer – Spring	11
4	60–7370	Bolt	5
5	51–5190	Bolt	4
6	51–5090	Plug – Expansion	2
7	51–5080	Assembly – Rocker Shaft (Incl. Ref. #6)	2
8	51–5100	Spring – Rocker Shaft	2
9	51–5250	Pipe – Oil	1
10	51–5240	Seal – O–Ring	2
11	51–5260	Ring – Snap	4
12	51–5270	Washer	4
13	51–5120	Bushing – Rocker	8
14	51–5200	Assembly – Rocker (Incl. Ref. #1, 2 & 13)	4
15	51–5150	Bracket – Rocker Shaft	4
16	51–5110	Assembly – Rocker (Incl. Ref. #1, 2 & 13)	4
17	51–5320	Spring – Valve	8
18	51–5340	Valve – Inlet	4
19	51–5330	Valve – Exhaust	4
20	51–6680	Gear – Pump Drive	1
21	51–6690	Pin	1

Ref. No.	Part No.	Description	No. Used
22	51–6670	Assembly – Oil Pump (Incl. Ref. #20, 21, 23–26, 28–29 & 31)	1
†23		Rotor – Outer	1
†24		Rotor – Inner	1
†25		Pin	1
26	51–6720	Cover – Oil Pump Case	1
27	51–6760	Gasket	1
28	51–7400	Washer – Spring	4
29	60–7290	Bolt	4
30	51–6750	Strainer – Oil	1
†31		Shaft – Pump Main	1
32	51–5290	Keeper – Valve	16
33	51–5280	Cap	8
34	51–5160	Washer – Flat	9
35	51–5450	Camshaft	1
36	51–5470	Plate – Thrust	1
37	60–7110	Bolt	2
38	51–5460	Key – Woodruff	1
39	86–6220	Tappet	8
40	51–5430	Pushrod	8
41	51–5310	Seal – Valve Stem	8
42	86–6210	Retainer – Upper	8
*	51–6700	Assembly – Oil Pump Rotor (Incl. Ref. #23–25 & 31)	1

*Not Illustrated
†Not Serviceable Separately

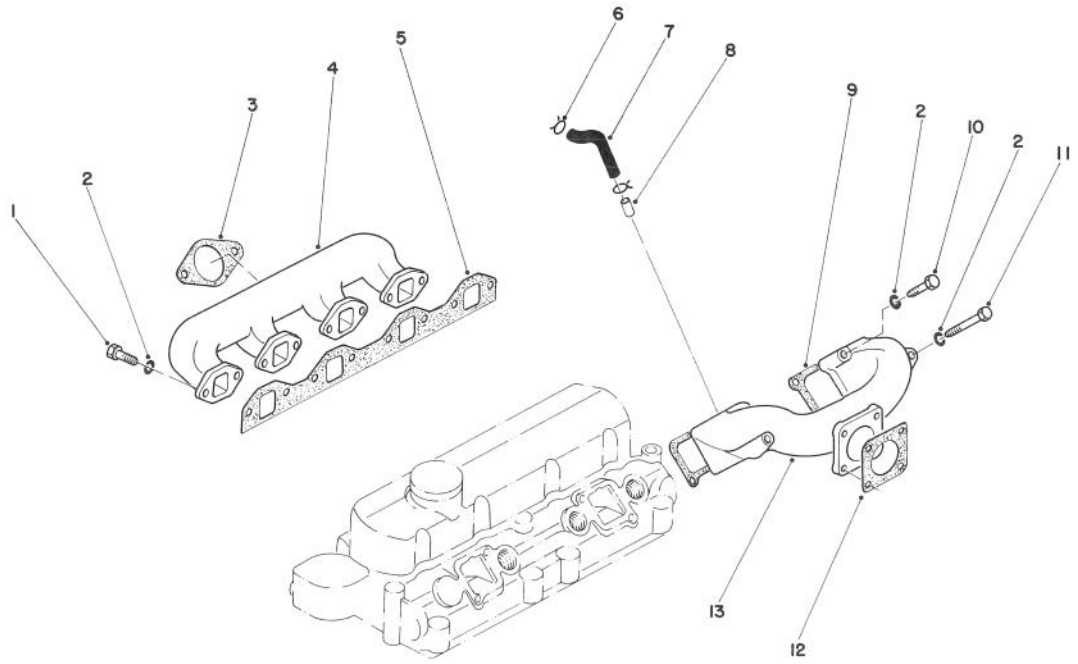


T-0153

OIL PAN & OIL FILTER

Ref. No.	Part No.	Description	No. Used
1	51-6880	Bolt - Joint	2
2	51-6890	Gasket	4
3	51-6900	Pipe - Oil	1
4	51-6800	Assembly - Oil Filter (Incl. Ref. #5 & 7-8)	1
5	49-2500	Element - Filter	1
6	51-6870	Gasket	1
7	51-6820	Washer - Gasket	1
8	51-6830	Assembly - Relief Valve	1
9	68-6410	Gasket	1

Ref. No.	Part No.	Description	No. Used
10	68-6430	Gasket	1
11	68-6420	Plug	1
12	60-7110	Bolt	16
13	51-7250	Washer - Spring	19
14	68-6440	Dipstick	1
15	68-6400	Assembly - Oil Pan (Incl. Ref. #10 & 11)	1
17	60-7370	Bolt	2
19	60-7360	Bolt	1

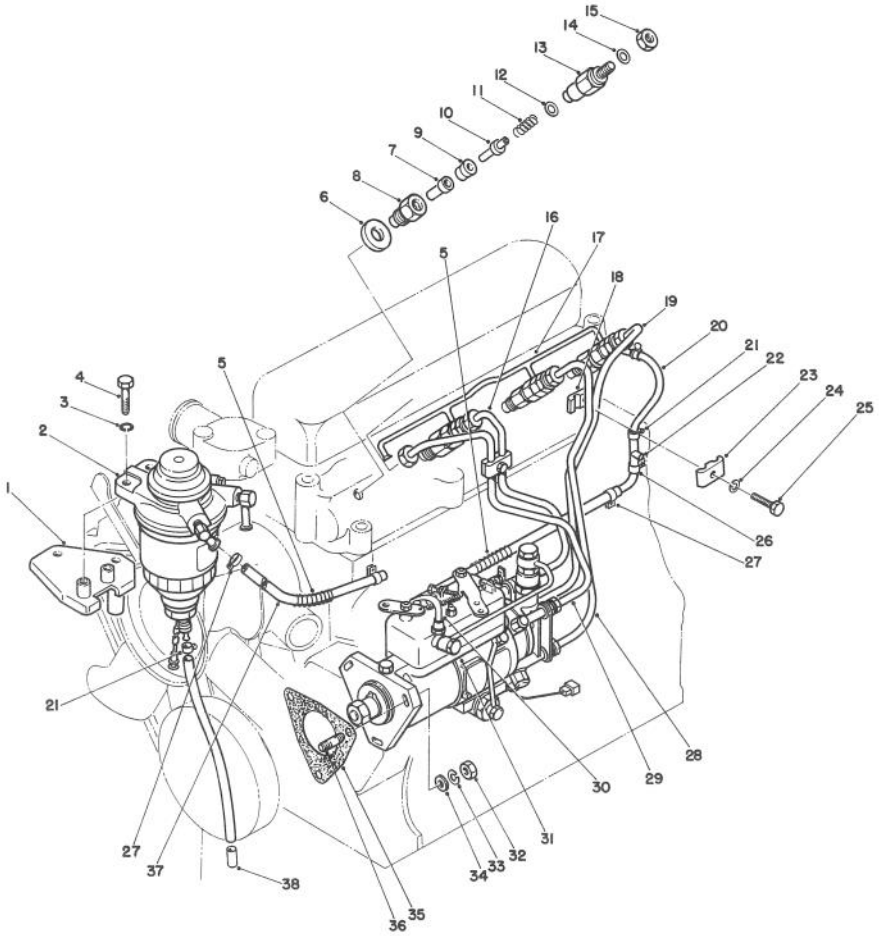


T–0154

INTAKE & EXHAUST MANIFOLD

Ref. No.	Part No.	Description	No. Used
1	60–7280	Bolt	8
2	51–7250	Washer – Spring	12
3	51–6630	Gasket – Exhaust Pipe	1
4	51–6620	Manifold – Exhaust	1
5	51–6660	Gasket – Exhaust Manifold	1
6	51–6600	Clamp	2
7	51–7190	Hose – Rubber	1

Ref. No.	Part No.	Description	No. Used
8	51–7170	Pipe	1
9	51–6500	Gasket – Intake Manifold	2
10	60–7040	Bolt	2
11	60–7300	Bolt	2
12	51–6550	Gasket – Intake Pipe	1
13	51–6540	Manifold – Inlet	1



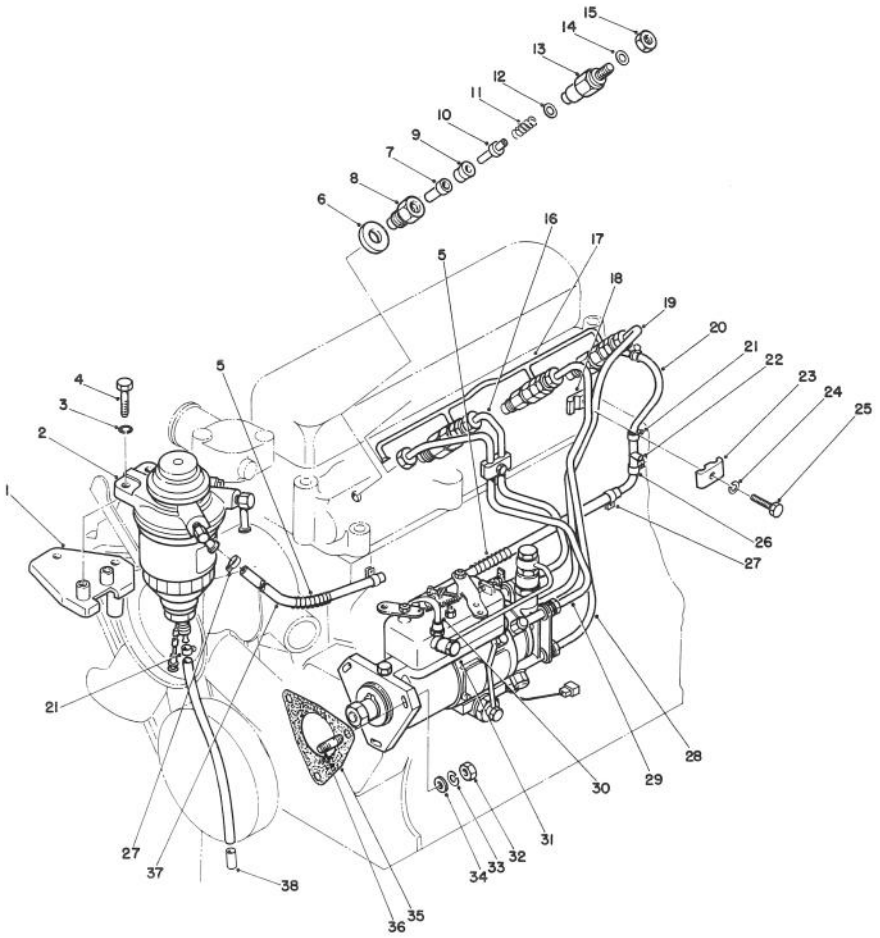
T–0155

INJECTION PUMP & NOZZLE COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	60–5000	Bracket	1
2	60–5010	Assembly – Fuel Filter	1
3	51–7250	Washer	2
4	60–7050	Bolt	2
5	60–5030	Wrap – Spiral	2
6	72–0140	Gasket	4
7	72–0160	Assembly – Nozzle Tip	4
8	72–0270	Nut – Retaining	4
9	72–0280	Spacer	4
10	72–0290	Pin – Pressure	4
11	72–0300	Spring – Pressure	4
12	51–7490	Shim – 1.0mm	A/R
*	51–8390	Shim – 1.05mm	A/R
*	51–8400	Shim – 1.10mm	A/R
*	51–8410	Shim – 1.15mm	A/R
*	51–8420	Shim – 1.20mm	A/R
*	51–8430	Shim – 1.25mm	A/R
*	51–8440	Shim – 1.30mm	A/R
*	51–8450	Shim – 1.35mm	A/R
*	51–8460	Shim – 1.40mm	A/R
*	51–8470	Shim – 1.45mm	A/R
*	51–8480	Shim – 1.50mm	A/R
*	51–8490	Shim – 1.55mm	A/R
*	51–8500	Shim – 1.60mm	A/R
*	51–8510	Shim – 1.65mm	A/R
*	51–8520	Shim – 1.70mm	A/R

Ref. No.	Part No.	Description	No. Used
*12	51–8530	Shim – 1.75mm	A/R
*	51–8540	Shim – 1.80mm	A/R
*	51–8550	Shim – 1.85mm	A/R
*	51–8560	Shim – 1.90mm	A/R
*	51–8570	Shim – 1.95mm	A/R
13	72–0320	Nozzle – Body	4
14	72–0330	Packing	4
15	72–0310	Nut	4
*	72–0150	Assy. – Nozzle, Complete (Incl. Ref. #7–15)	4
16	72–0180	Pipe – Injector No. 2	1
17	72–0210	Pipe – Fuel Leak–Off	1
18	60–5090	Clamp – Lower	2
19	72–0200	Pipe – Injector No. 4	1
20	60–5150	Hose – Rubber	1
21	60–5160	Clip	3
22	60–5170	Connector	1
23	60–5210	Clamp – Upper	2
24	51–7400	Washer – Spring	2
25	60–7290	Bolt	2
26	60–5180	Clip	1
27	60–5020	Clip	4
28	72–0190	Pipe – Injector No.3	1
29	72–0170	Pipe – Injector No. 1	1
30	60–5070	Pipe – Fuel	1

*Not Illustrated

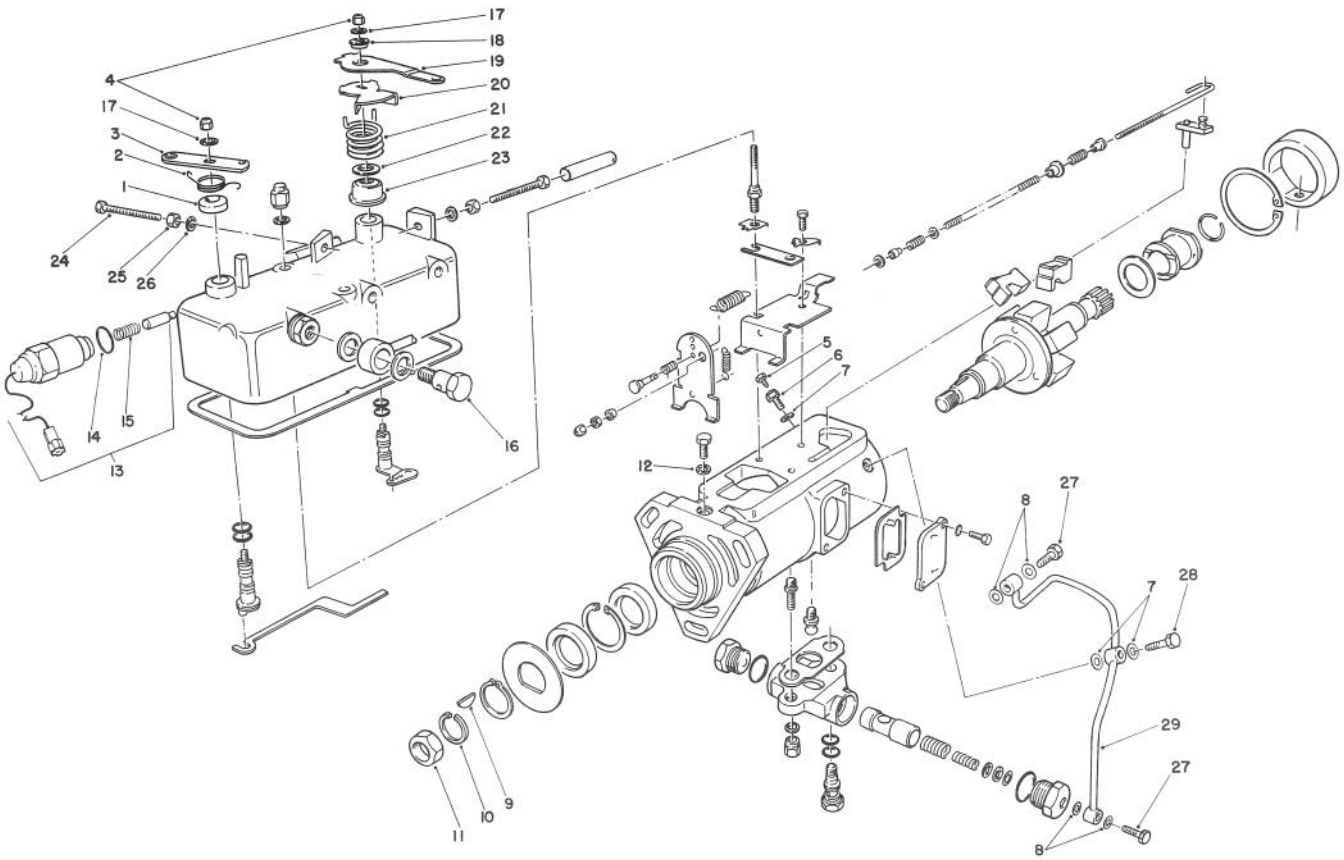


T-0155

INJECTION PUMP & NOZZLE COMPONENTS (Continued)

Ref. No.	Part No.	Description	No. Used
31	60-5100	Assembly - Injection Pump (Complete)	1
32	60-7120	Nut	3
33	51-7250	Washer - Spring	3
34	86-6380	Washer	3

Ref. No.	Part No.	Description	No. Used
35	60-5050	Gasket	1
36	86-6390	Stud	3
37	60-5040	Hose - Fuel Feed	1
38	60-2780	Tube - Drain	1

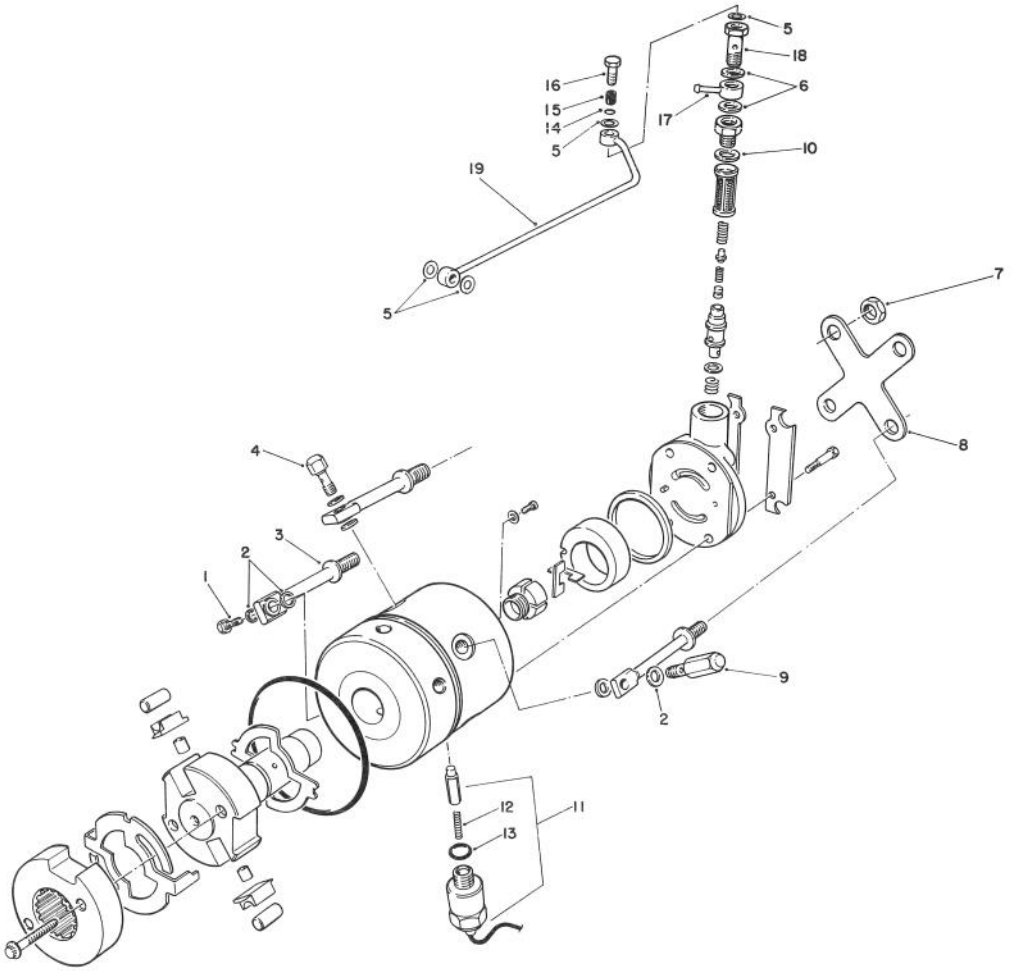


T-0156A

FUEL INJECTION PUMP NO. 60-5100

Ref. No.	Part No.	Description	No. Used
1	86-6760	Guide	1
2	63-4560	Spring	1
3	63-4570	Lever	1
4	63-4580	Nut	2
5	63-4590	Screw - Vent	1
6	63-4600	Body - Screw Vent	1
7	63-4610	Washer	3
8	63-4620	Washer	4
9	63-4630	Key	1
10	63-4640	Washer - Lock	1
11	60-7260	Nut - Hex	1
12	60-3060	Washer	1
13	60-3160	Solenoid (Incl. Ref. #14 & 15)	1
14	60-3150	Sealing Ring	1
15	60-3140	Spring	1

Ref. No.	Part No.	Description	No. Used
16	86-6650	Bolt - Outlet	1
17	86-6750	Washer	2
18	86-6700	Bushing	1
19	86-6690	Lever	1
20	86-6710	Arm	1
21	86-6730	Spring	1
22	86-6720	Washer	1
23	86-6740	Guide	1
24	86-6770	Screw	1
25	86-6680	Nut	1
26	86-6790	Washer	1
27	86-6820	Bolt	2
28	86-6800	Bolt	1
29	86-6810	Assembly - Pipe	1
*	86-6680	Assembly - Lever (Incl. Ref. #17-23)	1

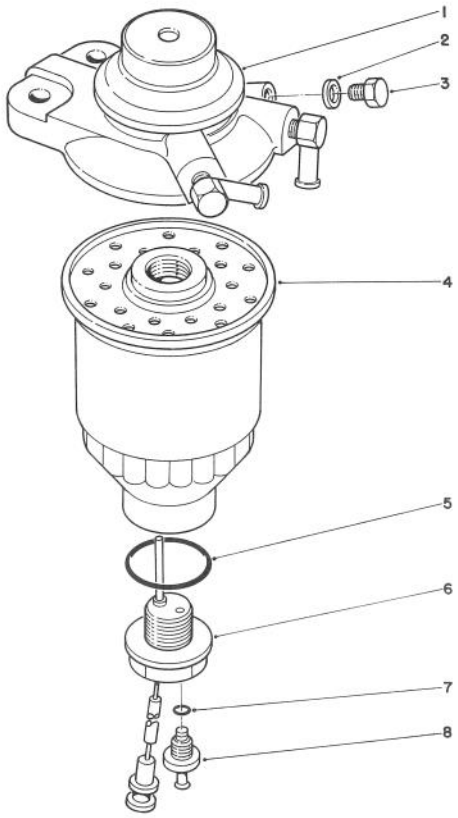


T–0157A

FUEL INJECTION PUMP NO. 60–5100 (Continued)

Ref. No.	Part No.	Description	No. Used
1	60–3070	Valve – Pressure	1
2	60–3060	Washer	8
3	60–3090	Banjo	4
4	63–4670	Valve – Pressure	2
5	63–4660	Washer	4
6	63–4650	Washer	2
7	60–3120	Nut	4
8	60–3130	Plate – Clamping	1
9	60–3100	Valve – Pressure	1
10	60–3110	Washer	1

Ref. No.	Part No.	Description	No. Used
11	60–3160	Solenoid (Incl. Ref. #12 & 13)	1
12	60–3140	Spring	1
13	60–3150	Ring – Sealing	1
14	86–6640	Seal O–Ring	1
15	86–6630	Seal – Rubber	1
16	86–6620	Bolt	1
17	86–6660	Joint	1
18	86–6610	Bolt – Inlet	1
19	86–6670	Tube – Fuel	1



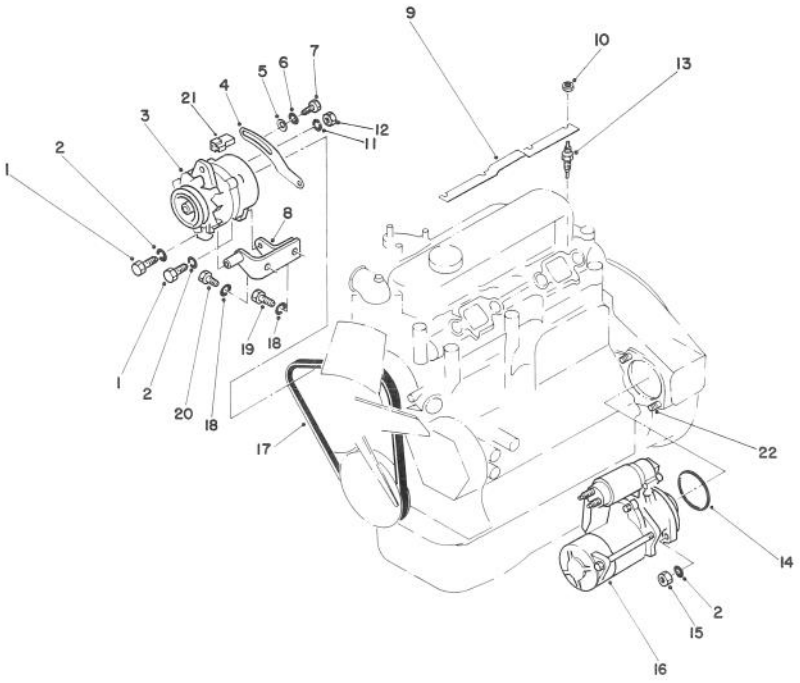
T–0158

FUEL FILTER ASSEMBLY NO. 60–5010

Ref. No.	Part No.	Description	No. Used
*1		Assembly – Body	1
*2		Seal	1
3	60–5450	Plug – Air (Incl. Ref. #2)	1
4	60–5470	Assembly – Filter Element (Incl. Ref. #5)	1

Ref. No.	Part No.	Description	No. Used
*5		O–Ring	1
6	60–5480	Sensor – Water	1
*7		O–Ring	1
8	60–5490	Kit – Drain Plug (Incl. Ref. #7)	1

*Not Serviceable Separately



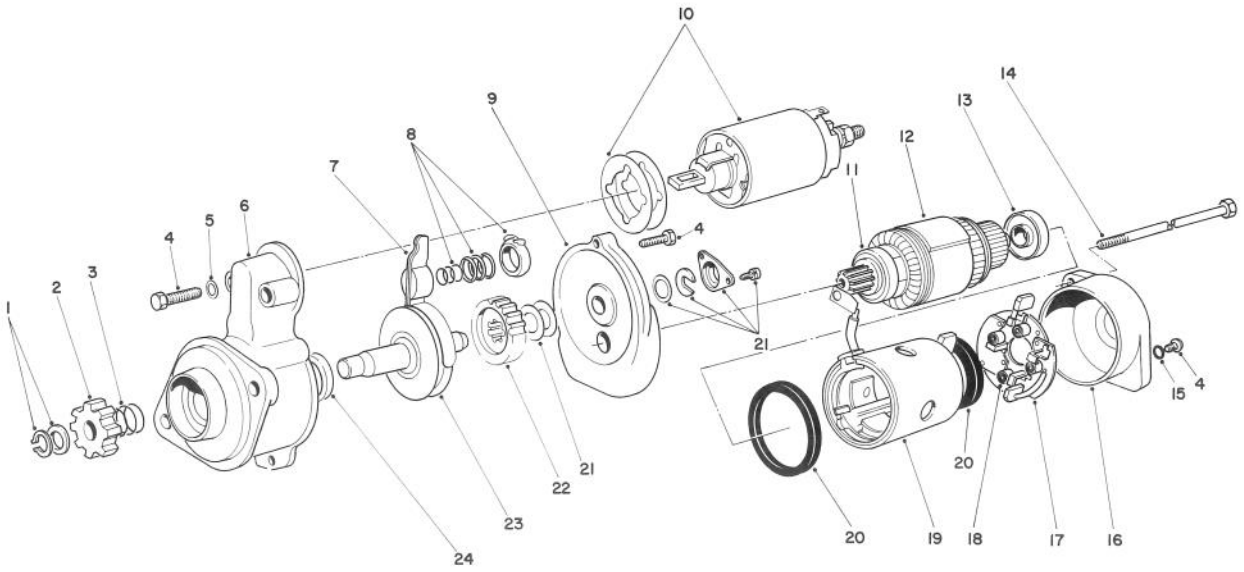
T–0159

ELECTRICAL COMPONENT PARTS

Ref. No.	Part No.	Description	No. Used
1	51–8640	Bolt	2
2	51–6390	Washer – Spring	4
3	60–5420	Alternator	1
4	51–8580	Plate – Adjusting	1
5	51–8590	Washer – Flat	1
6	51–7250	Washer – Spring	1
7	60–7370	Bolt	1
8	51–8600	Bracket – Alternator	1
9	51–8650	Plate – Connection	1
*10		Nut	4
11	48–8000	Washer – Spring	1
12	48–7880	Nut	1

Ref. No.	Part No.	Description	No. Used
13	51–8660	Plug – Glow (Incl. Ref. #10)	4
14	60–5430	O–Ring	1
15	51–5970	Nut	2
16	51–7590	Motor – Starter	1
17	49–2520	Belt	1
18	51–8610	Washer – Spring	2
19	51–8620	Bolt	1
20	51–8630	Bolt	1
21	58–6970	Diode	1
22	51–5950	Stud	2

*Not Serviceable Separately



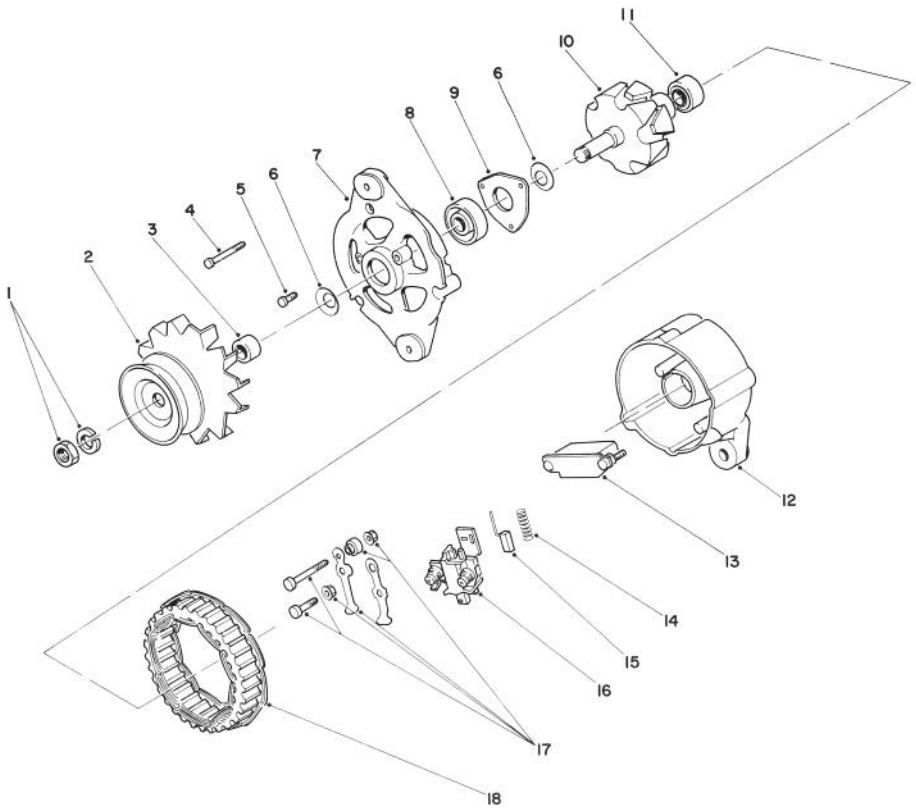
T-0160

STARTER MOTOR ASSEMBLY NO. 51-7590

Ref. No.	Part No.	Description	No. Used
1	51-7740	Assembly – Ring, Retaining	1
2	51-7730	Assembly – Gear, Pinion (Incl. Ref. #1 & 3)	1
†3		Spring	1
4	51-7600	Screw – Set	1
5	51-7610	Packing	2
6	51-7620	Assembly – Cover, Front (Incl. Ref. #24)	1
7	51-7640	Assembly – Lever	1
8	51-7650	Assembly – Spring	1
9	51-7660	Assembly – Bracket, Center	1
10	51-7670	Solenoid	1
11	51-7690	Bearing	1
12	51-7680	Assembly – Armature (Incl. Ref. #11 & 13)	1
13	51-7700	Bearing	1

Ref. No.	Part No.	Description	No. Used
14	51-7710	Bolt Set	1
15	51-7840	Ring – Rubber	2
16	51-7830	Cover – Rear	1
17	51-7810	Assembly – Brush Holder (Incl. Ref. #18)	1
18	51-7820	Spring – Brush	4
19	51-7800	Assembly – Yoke	1
20	51-7790	Packing	2
21	51-7780	Cover Set	1
22	51-7770	Gear – Pinion	1
23	51-7760	Assembly – Shaft	1
24	51-7630	Seal – Oil	1
*	51-7750	Assembly – Gear (Incl. Ref. #22 & 23)	1
*	51-7720	Assembly – Shaft, Clutch (Incl. Ref. #1-3 & 21-24)	1

*Not Illustrated
†Not Serviceable Separately



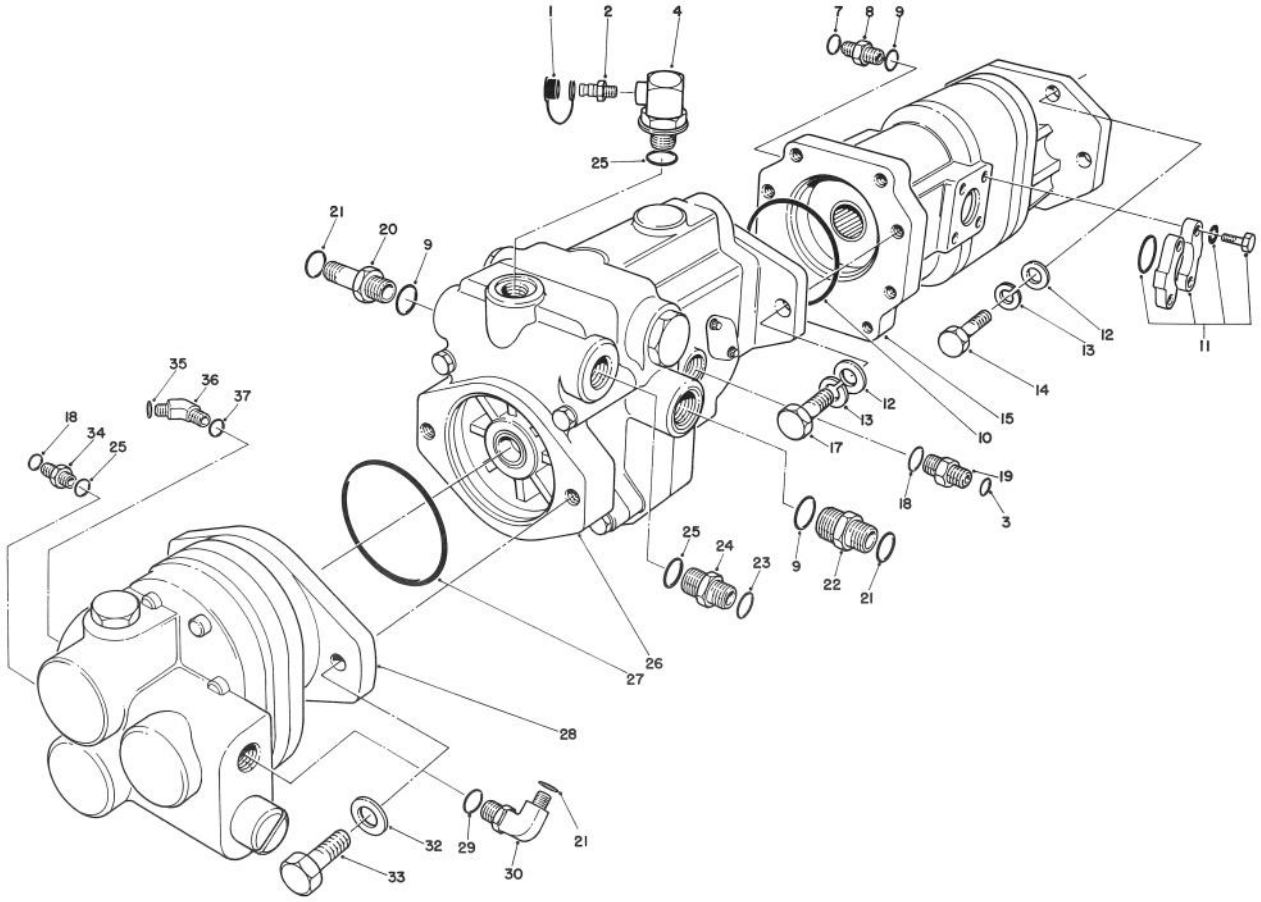
T–0161

ALTERNATOR ASSEMBLY NO. 60–5421

Ref. No.	Part No.	Description	No. Used
1	51–7850	Assembly – Nut	1
2	60–5330	Assembly – Pulley (Incl. Ref. #3)	1
†3		Collar – Shaft	1
4	51–7870	Screw – Set	1
5	51–7890	Screw – Set	1
†6		Spring Washer	2
7	60–5340	Assembly – Cover, Front (Incl. Ref. #5, 6, 8 & 9)	1
8	60–5350	Bearing	1
†9		Plate – Bearing Retainer	1

Ref. No.	Part No.	Description	No. Used
10	51–7910	Assembly – Rotor (Incl. Ref. #11)	1
11	60–5360	Bearing	1
12	86–6430	Assembly – Cover, Rear (Incl. Ref. #13,16 & 17)	1
13	86–6440	Assembly – Rectifier	1
14	51–7980	Spring – Return	2
15	51–7970	Brush	2
16	51–7960	Assembly – Regulator (Incl. Ref. #14 & 15	1
17	51–7950	Assembly – Terminal	1
18	51–7930	Stator	1

*Not Serviceable Separately



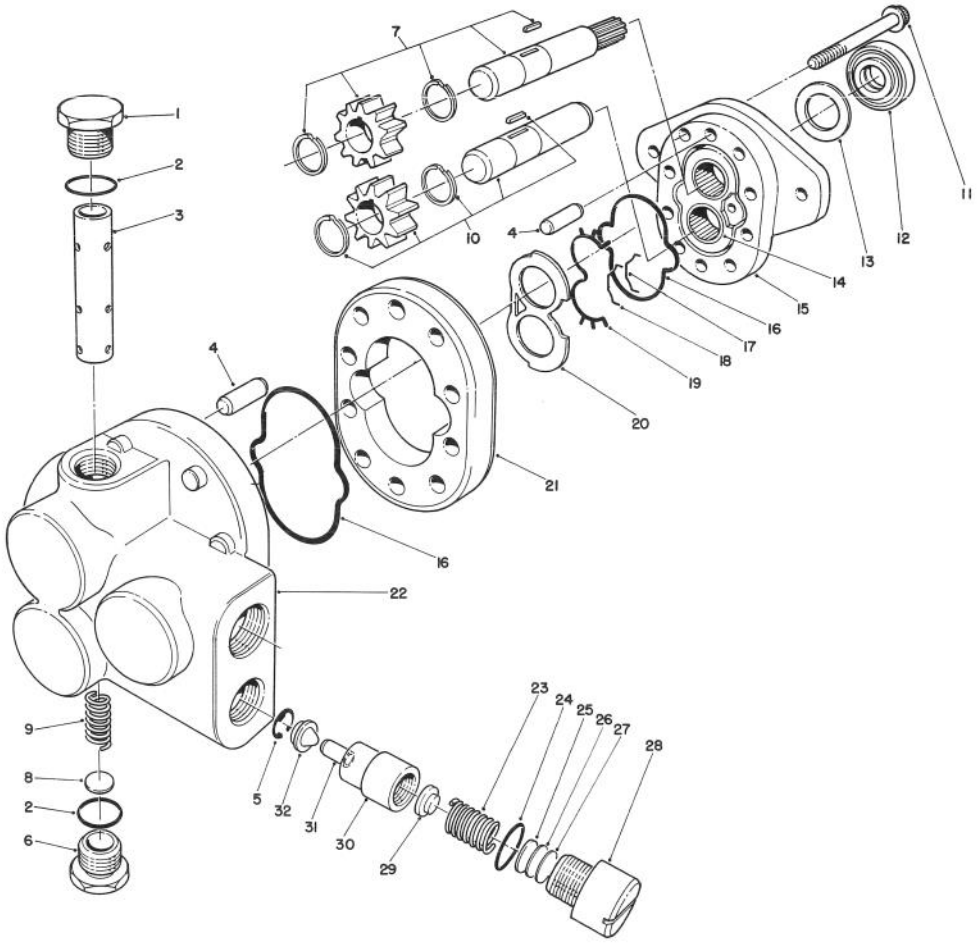
T–0162

HYDRAULIC PUMP COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	353–947	Cap – Dust	1
2	354–85	Fitting – Diagnostic	1
3	237–42	O–Ring	1
4	354–86	Elbow – 90 (Incl. Ref. #25)	1
7	237–65	O–Ring	1
8	340–8	Fitting (Incl. Ref. #7 & 9)	1
9	237–81	O–Ring	3
10	59–8550	O–Ring	1
11	340–62	Kit – Flange	1
12	3256–26	Washer – Flat	6
13	3253–7	Washer – Lock	6
14	3213–2	Bolt	4
15	86–6000	Pump – Gear, Model 03700 (Incl. Ref. #10)	1
15	86–6001	Pump – Gear, Model 03701 (Incl. Ref. #10)	1
17	325–5	Bolt	2
18	237–22	O–Ring	2
19	340–2	Fitting (Incl. Ref. #3 & 18)	1
20	340–11	Fitting – Long (Incl. Ref. #9 & 21)	1

Ref. No.	Part No.	Description	No. Used
21	237–58	O–Ring	3
22	340–9	Fitting (Incl. Ref. #9 & 21)	1
23	237–30	O–Ring	1
24	340–4	Fitting (Incl. Ref. #23 & 25)	1
25	237–79	O–Ring	3
26	58–5660	Pump – Piston	1
27	60–3520	O–Ring	1
28	58–5650	Pump – Gear	1
29	237–146	O–Ring	1
30	340–15	Fitting 90° (Incl. Ref. #21 & 29)	1
32	60–3540	Washer	2
33	60–3530	Bolt	2
34	340–3	Fitting (Incl. Ref. #18 & 25)	1
35	237–30	O–Ring	1
36	340–89	Fitting 45° (Incl. Ref. #35 & 37)	1
37	237–80	O–Ring	1
*	58–5500	Assembly – Tandem Pump (Incl. Ref. #26–28 & 32–33)	1

*Not Illustrated



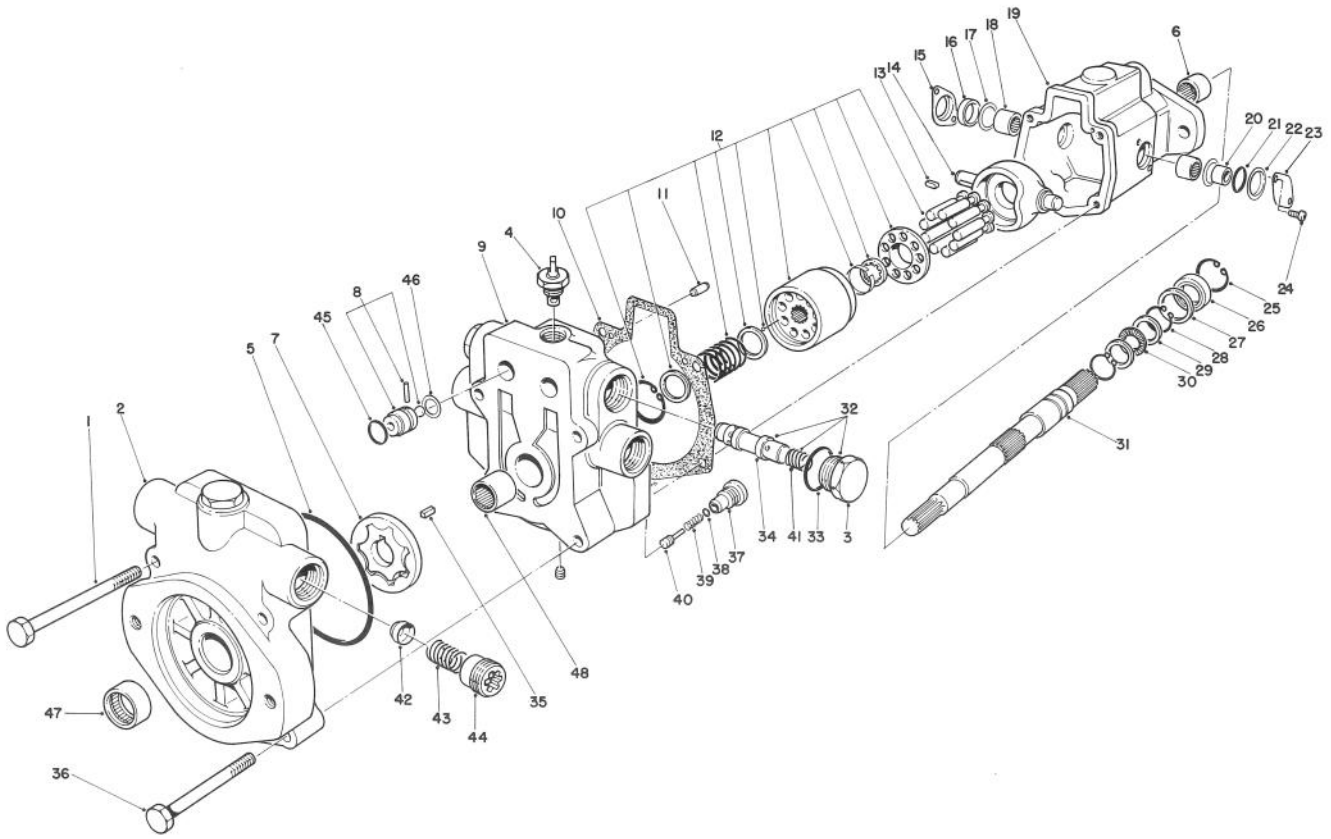
T–0163

GEAR PUMP ASSEMBLY NO. 58–5650

Ref. No.	Part No.	Description	No. Used
1	60–5860	Plug (Incl. Ref. #2)	1
2	60–5720	O–Ring	2
†3		Spool	1
4	60–5760	Pin – Dowel	4
†5		Ring – Retaining	1
6	60–5710	Plug (Incl. Ref. #2)	1
7	60–5780	Assembly – Gear Drive (Incl. Ref. #5–8)	1
8	60–5730	Disc	A/R
9	60–5820	Spring	1
10	60–5770	Assembly – Idler, Gear	1
11	42–3140	Screw – Cap Hex. Hd.	8
12	49–2640	Seal – Shaft	1
13	60–5890	Washer	1
14		Bushing	2
15	49–2660	Assembly – Plate, Front (Incl. Ref. #14)	1
16	42–3120	O–Ring	2
17	49–2680	O–Ring – Molded	1

Ref. No.	Part No.	Description	No. Used
18	49–2700	Seal – Bearing	1
19	49–2690	Gasket – Backup	1
20	49–2670	Plate – Wear	1
21	60–5740	Assembly – Body (Incl. Ref. #4)	1
†22		Assembly – Plate, Back	1
23	60–5790	Spring	1
24	60–5880	O–Ring	1
25	60–5830	Washer	A/R
26	60–5840	Washer	A/R
27	60–5850	Washer	A/R
28	60–5870	Assembly – Plug (Incl. Ref. #24)	1
29	60–5810	Plug – Seat	1
†30		Assembly – Cartridge	1
31	60–5800	Seat	1
†32		Poppet	1
*	60–5910	Kit – Repair, Back Plate	1
*	60–5900	Kit – Seal Repair (Incl.Ref. #2, 12, 13, 16–20 & 24)	1

*Not Illustrated
†Not Serviceable Separately



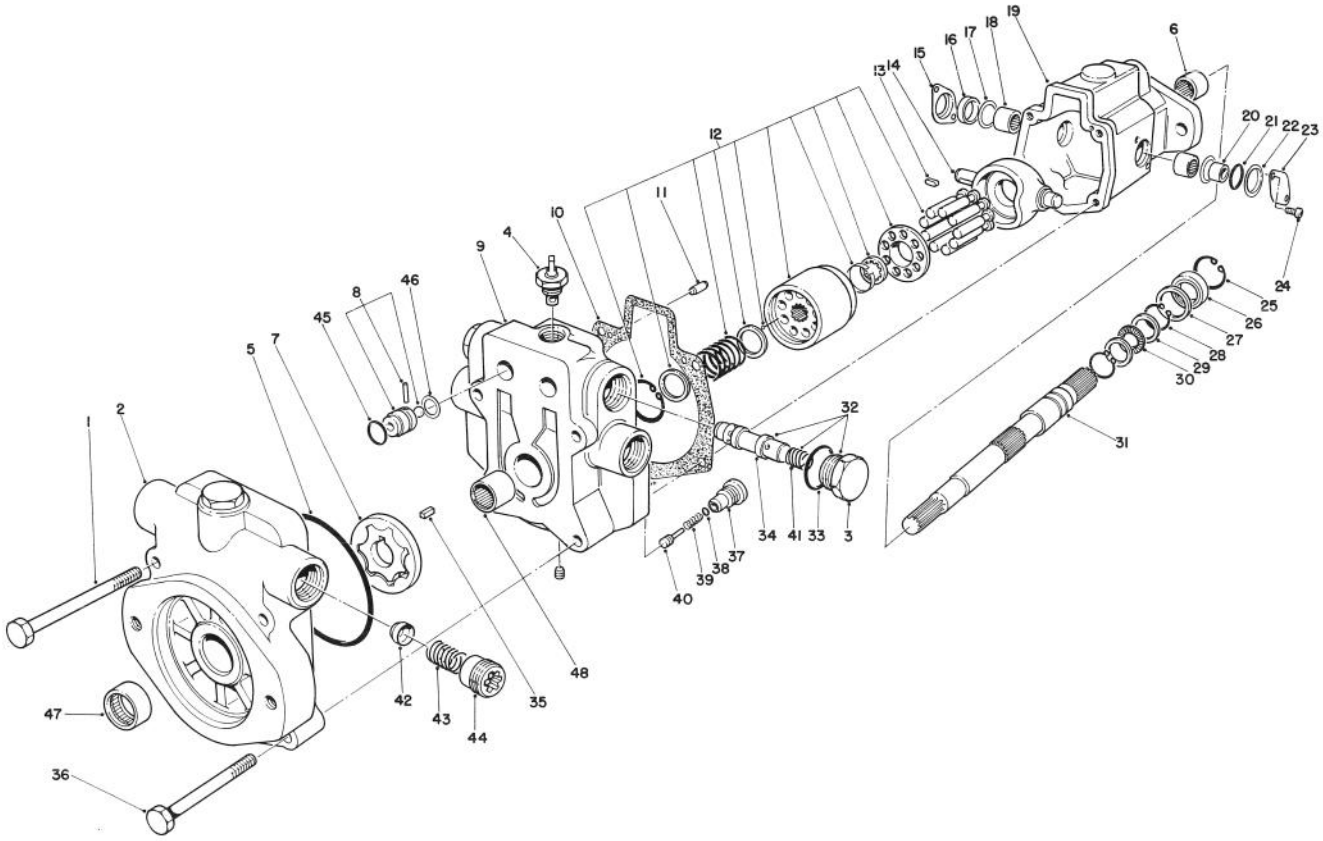
T–0164

PISTON PUMP ASSEMBLY NO. 58–5660

Ref. No.	Part No.	Description	No. Used
1	60–6230	Screw – Cap Hex. Hd.	2
2	60–6200	Assy. – Charge Pump Adap. (Incl. Ref. #42–44 & 47)	1
3	70–1240	Assembly – Plug (Incl. Ref. #33)	2
†4	39–2080	Assembly – Valve, Tow	1
5	60–6180	O–Ring	1
6	63–4390	Bearing – Needle	1
7	60–6350	Assembly – Gear, Gerotor	1
8	33–4970	Assembly – Check Valve (Incl. Ref. #45 & 46)	2
9	60–6040	Assembly – Back Plate (Incl. Ref. #4, 37–40 & 48)	1
10	60–6130	Gasket – Housing	1
11	60–6370	Pin – Dowel	2
12	60–6030	Assembly – Kit, Rotating	1
13	60–6310	Key	1
14	60–6020	Camplate	1
15	60–6120	Cover – Seal	1
16	42–2720	Seal – Shaft	1
17	60–6250	Washer	2
18	60–6110	Bearing – Needle	2
19	60–6000	Assembly – Housing (Incl. Ref. #6)	1
20	60–5990	Race – Inner	1
21	60–6190	O–Ring	1

Ref. No.	Part No.	Description	No. Used
22	60–6210	Cover – O–Ring	1
23	60–6010	Cover – Trunion	1
24	60–6330	Screw	4
25	60–6260	Ring – Retaining	1
26	60–6300	Seal – Shaft	1
27	60–6240	Washer	1
28	60–6270	Ring – Retaining	2
29	60–6160	Race – Thrust	2
30	60–6170	Bearing – Needle, Thrust	1
31	60–6140	Shaft – Drive	1
32	68–6460	Kit – Relief Valve (Incl. Ref. #3, 34 & 41)	2
33	60–5980	O–Ring	2
34		Assembly – Relief Valve	2
35	60–6320	Key	1
36	60–6220	Screw – Cap Hex. Hd.	2
37	60–6060	Cartridge	1
38	60–6080	O–Ring	1
39	60–6090	Spring	1
40	60–6070	Poppet	1
41		Spring	1
42	33–4990	Poppet	1
43	39–2140	Spring	2
44	39–2130	Retainer – Spring	1
45	237–114	O–Ring	2
46	60–5950	Washer – Backup	2

*Not Illustrated
†Used on Units With Pump Serial No. 70591 & Up



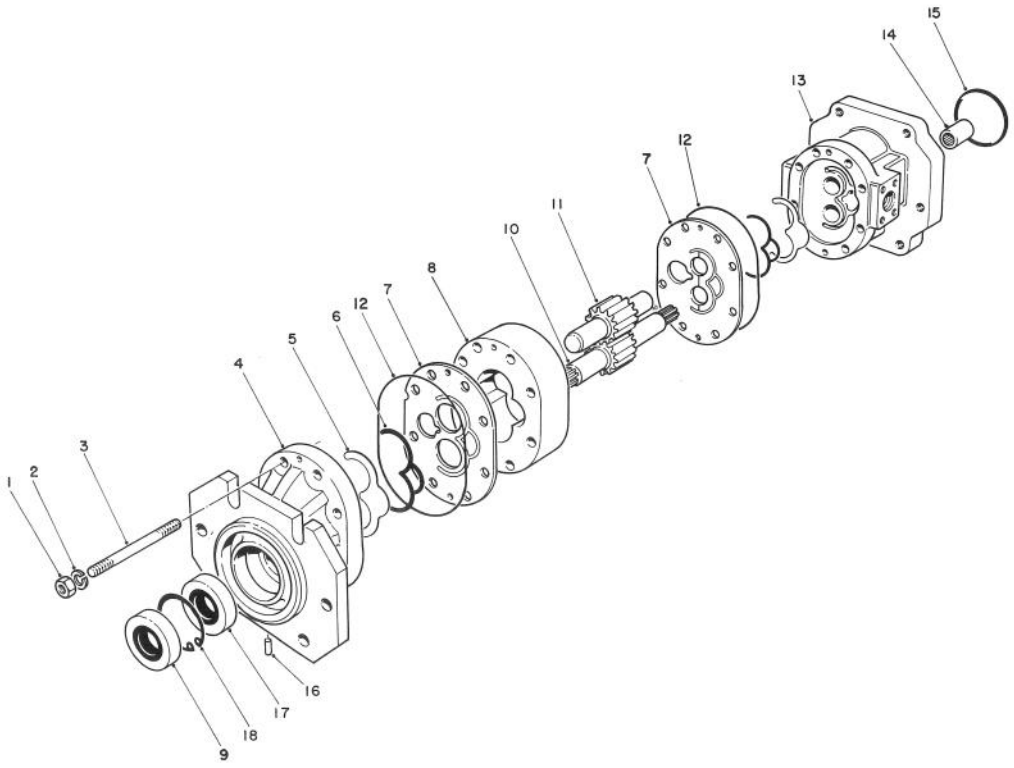
T–0164

PISTON PUMP ASSEMBLY NO. 58–5660 (Continued)

Ref. No.	Part No.	Description	No. Used
47	60–6150	Bearing	1
48	60–6050	Bearing	1

Ref. No.	Part No.	Description	No. Used
*	60–6400	Kit – Seal (Incl. Ref. #5, 10, 16, 21, 26, 28, 29, 33, 38, 45 & 46)	1
*	60–6360	Kit – Charge Relief Spring	1
*	60–6340	Kit – Bleed–Off Valve	1

*Not Illustrated

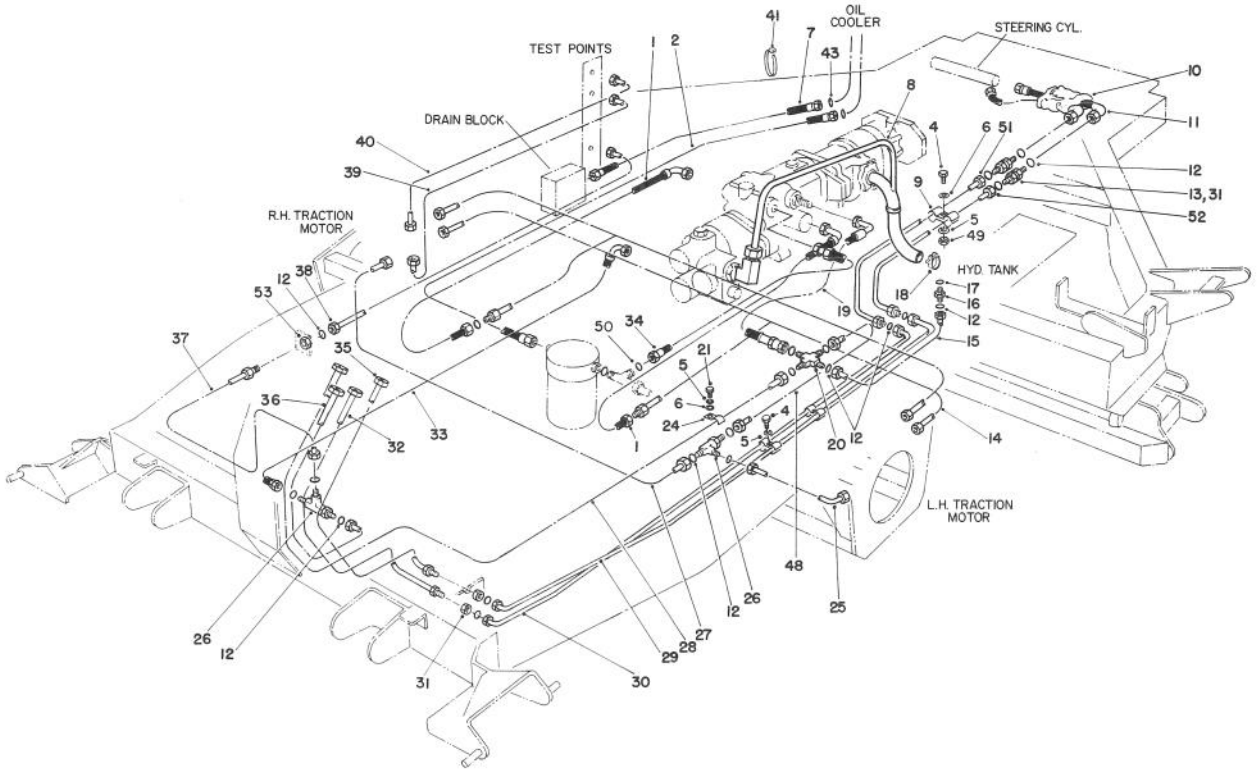


T–1556

PUMP ASSEMBLY NO. 86–6000 (Model 03700) & 86–6001 (Model 03701)

Ref. No.	Part No.	Description	No. Used
1	59–7580	Nut	8
2	59–7590	Washer – Lock	8
3	59–7970	Stud (Model 03700)	8
3	74–3210	Stud (Model 03701)	8
4	86–6010	Cover – Front	1
5	59–7990	Seal – Gland	2
6	59–8470	Retainer – Seal	2
7	86–6070	Plate – Wear	2
8	86–6020	Center S/A Section (Model 03700)	1
8	86–6060	Center S/A Section (Model 03701)	1
9	59–8590	Seal – Shaft	1
10	59–8500	Drive Gear – Spline (Model 03700)	1
10	74–3230	Drive Gear – Spline (Model 03701)	1
11	59–8600	Driven Gear (Model 03700)	1
11	74–3240	Driven Gear)Model 03701)	1
12	86–6080	O–Ring Seal	2
13	86–6030	Port Section – Rear	1
14	59–8540	Coupling	1
15	86–6040	O–Ring	1
16	86–6050	Plug	1
17	59–8570	Seal – Shaft	1
18	59–8580	Ring – Retaining	1
*	59–8610	Kit – Seal (Incl. Ref. #5, 6, 9 & 17)	1

*Not Illustrated

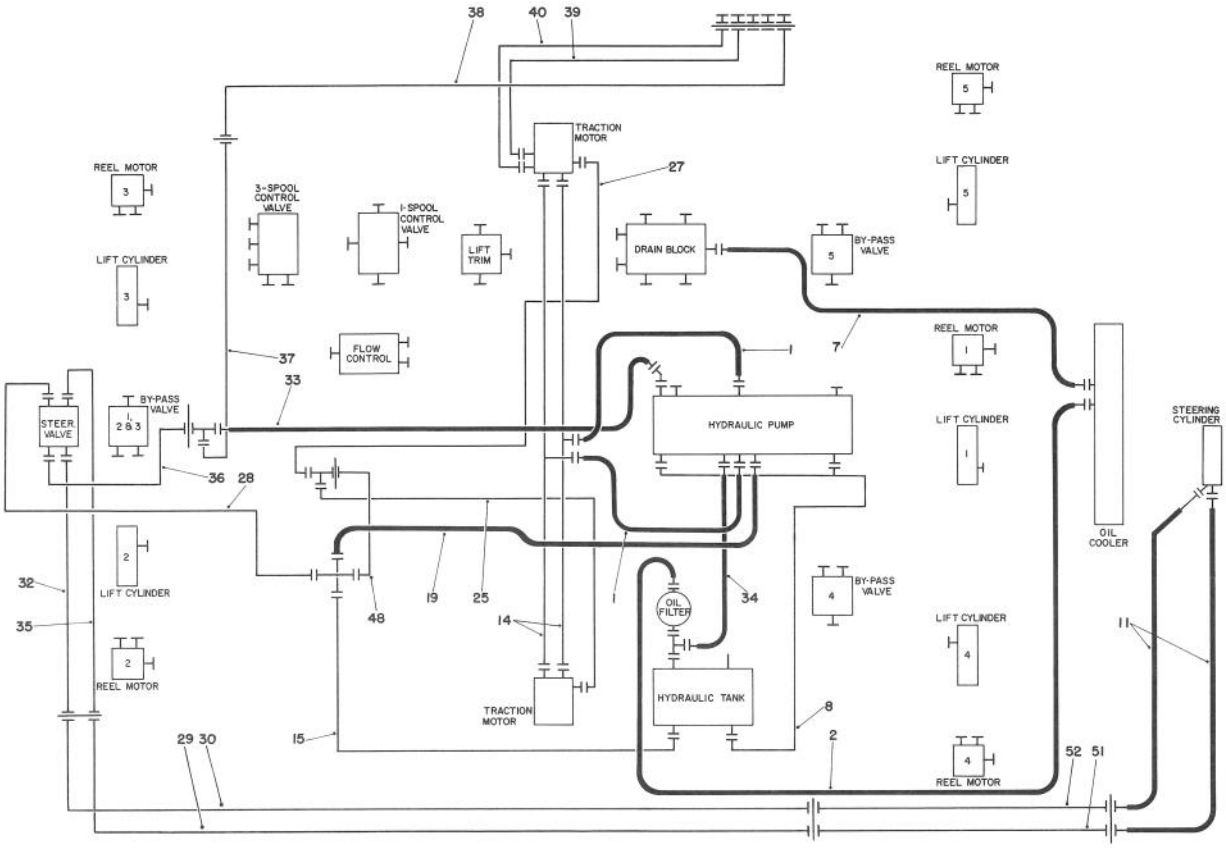


T–0166A

HYDRAULIC CIRCUIT – TRACTION & STEERING

Ref. No.	Part No.	Description	No. Used
1	58–5860	Assembly – Hose	2
2	75–8200	Assembly – Hose	1
4	48–7640	Screw – Cap Hex. Hd.	4
5	43–5930	Washer – Lock	5
6	48–8010	Washer	3
7	75–8210	Assembly – Hose	1
8	60–1900	Assembly – Tube	1
9	58–3880	Clamp	3
10	60–2010	Sleeve – Protective	1
11	58–5850	Assembly – Hose	2
12	237–22	O–Ring	22
13	340–71	Fitting	2
14	58–5690	Assembly – Tube	2
15	58–4720	Assembly – Tube	1
16	340–3	Fitting	1
17	237–79	O–Ring	1
18	2412–132	Clamp	1
19	60–1250	Assembly – Hose	1
20	340–23	Fitting	1
21	48–7690	Screw – Cap Hex. Hd.	1
22	48–8020	Washer – Lock	1
24	60–1360	Clamp	1
25	58–4790	Assembly – Tube	1
26	340–68	Fitting – Tee	2

Ref. No.	Part No.	Description	No. Used
27	58–4860	Assembly – Tube	1
28	74–2820	Assembly – Tube	1
29	68–6320	Assembly – Tube	1
30	68–6350	Assembly – Tube	1
31	340–70	Nut – Lock, Bulkhead	3
32	74–2780	Assembly – Tube	1
33	58–5720	Assembly – Hose	1
34	58–5870	Assembly – Hose	1
35	74–2810	Assembly – Tube	1
36	74–2790	Assembly – Tube	1
37	58–7780	Assembly – Tube	1
38	58–7750	Assembly – Tube	1
39	58–7770	Assembly – Tube	1
40	58–7760	Assembly – Tube	1
41	48–4480	Strap – Tie	3
43	340–65	O–Ring	2
46	340–110	Adapter – 90°	1
47	340–115	Adapter – Tee	1
48	58–4710	Assembly – Tube	1
49	48–7890	Nut – Hex	1
50	237–30	O–Ring	1
51	68–6330	Assembly – Tube	1
52	68–6360	Assembly – Tube	1
53	340–78	Nut – Lock, Bulkhead	1



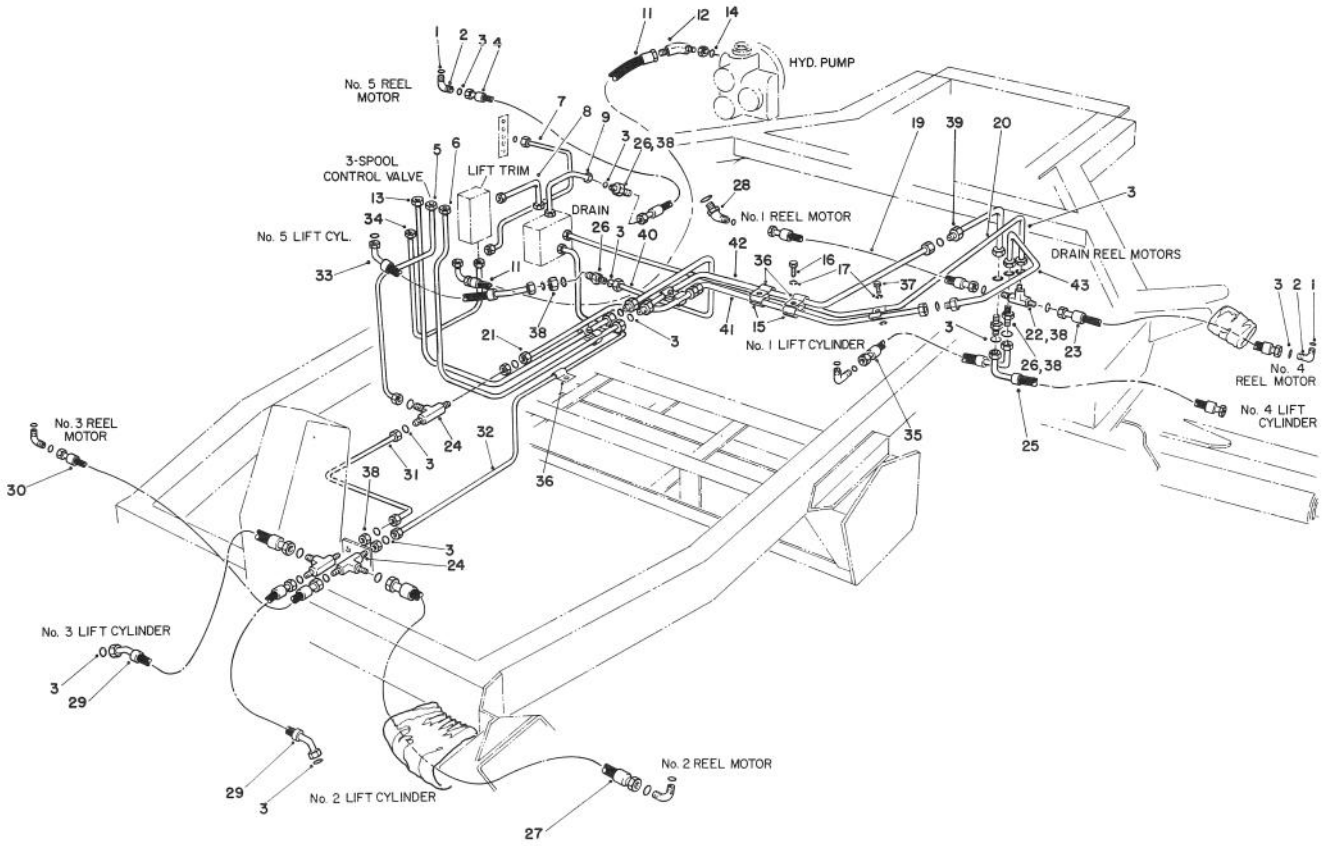
T–0167

HYDRAULIC SCHEMATIC – TRACTION & STEERING

Ref. No.	Part No.	Description	No. Used
1	58–5860	Assembly – Hose	2
2	75–8200	Assembly – Hose	1
7	75–8210	Assembly – Hose	1
8	60–1900	Assembly – Tube	1
11	58–5850	Assembly – Hose	2
14	58–5690	Assembly – Tube	2
15	58–4720	Assembly – Tube	1
19	60–1250	Assembly – Hose	1
25	58–4790	Assembly – Tube	1
27	58–4860	Assembly – Tube	1
28	74–2820	Assembly – Tube	1
29	68–6320	Assembly – Tube	1
30	68–6350	Assembly – Tube	1

Ref. No.	Part No.	Description	No. Used
32	74–2780	Assembly – Tube	1
33	58–5720	Assembly – Hose	1
34	58–5870	Assembly – Hose	1
35	74–2810	Assembly – Tube	1
36	74–2790	Assembly – Tube	1
37	58–7780	Assembly – Tube	1
38	58–7750	Assembly – Tube	1
39	58–7770	Assembly – Tube	1
40	58–7760	Assembly – Tube	1
44	66–5800	Assembly – Hose	1
48	58–4710	Assembly – Tube	1
49	68–6330	Assembly – Tube	1
50	68–6360	Assembly – Tube	1

*Not Illustrated

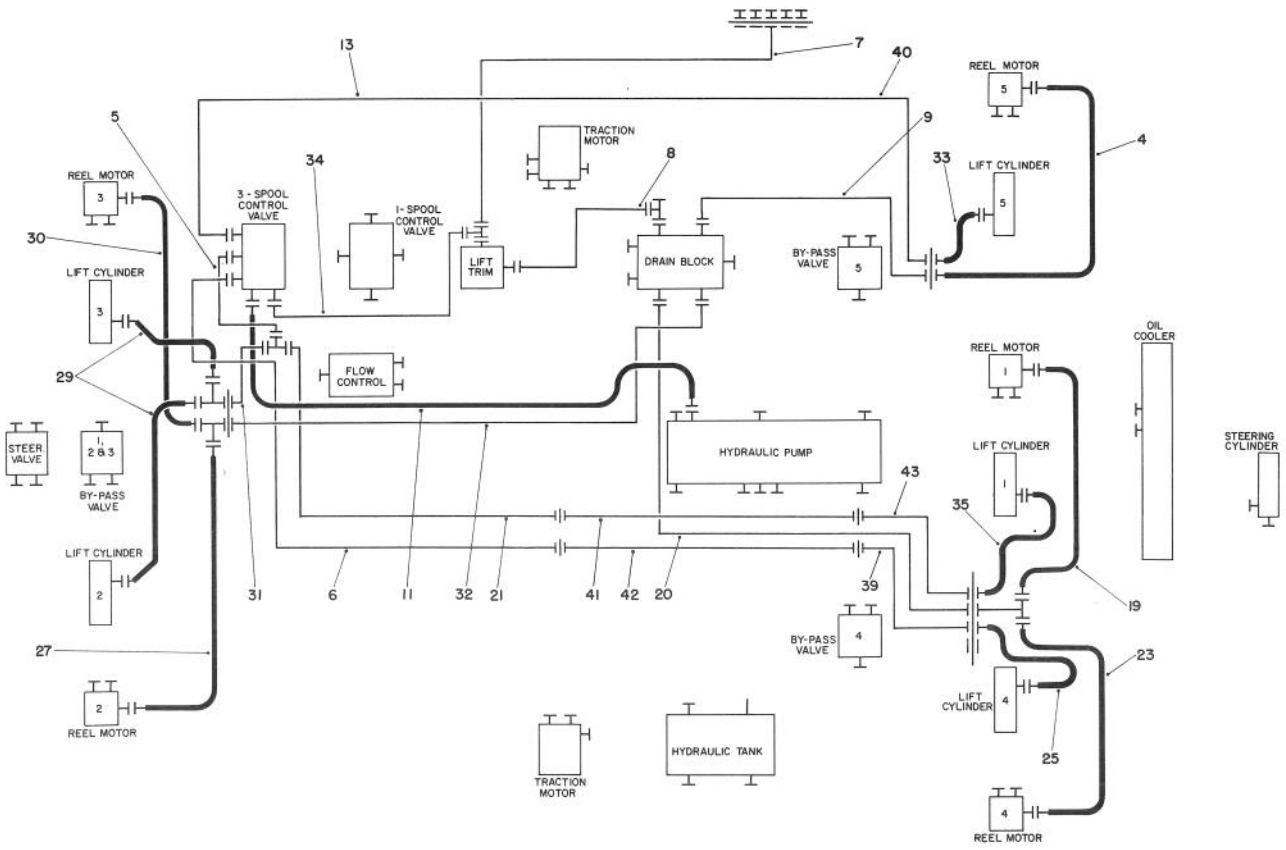


T–0168A

HYDRAULIC CIRCUIT – LIFT ARMS

Ref. No.	Part No.	Description	No. Used
1	237–42	O–Ring	7
2	340–77	Fitting – Adapter 90°	4
3	237–22	O–Ring	31
4	84–6240	Assembly – Hose	1
5	58–4750	Assembly – Tube	1
6	58–4770	Assembly – Tube	1
7	58–7730	Assembly – Tube	1
8	63–4680	Assembly – Tube	1
9	58–4780	Assembly – Tube	1
11	58–5710	Assembly – Hose	1
12	340–89	Fitting – Adapter 45°	1
13	58–5080	Assembly – Tube	1
14	237–80	O–Ring	1
15	58–3880	Clamp – Tube	5
16	60–6650	Screw – Cap Hex. Hd.	2
17	43–5930	Washer – Lock	6
18	48–8010	Washer	2
19	58–5840	Assembly – Hose	1
20	58–4850	Assembly – Tube	1
21	58–4820	Assembly – Tube	1
22	60–2180	Fitting – Tee	1

Ref. No.	Part No.	Description	No. Used
23	58–5820	Assembly – Hose	1
24	340–68	Fitting – Tee	3
25	60–1630	Assembly – Hose	1
26	340–71	Fitting – Adapter	4
27	58–6670	Assembly – Hose	1
28	340–87	Adapter – 45°	1
29	58–5850	Assembly – Hose	2
30	58–5830	Assembly – Hose	1
31	58–4760	Assembly – Tube	1
32	58–4880	Assembly – Tube	1
33	84–6230	Assembly – Hose	1
34	58–4870	Assembly – Tube	1
35	58–5800	Assembly – Hose	1
36	60–1360	Clamp – Tube	3
37	48–7640	Screw – Cap Hex. Hd.	5
38	340–70	Nut – Lock, Bulkhead	8
39	68–6260	Assembly – Tube	1
40	68–6380	Assembly – Tube	1
41	68–6240	Assembly – Tube	1
42	68–6250	Assembly – Tube	1
43	68–6300	Assembly – Tube	1

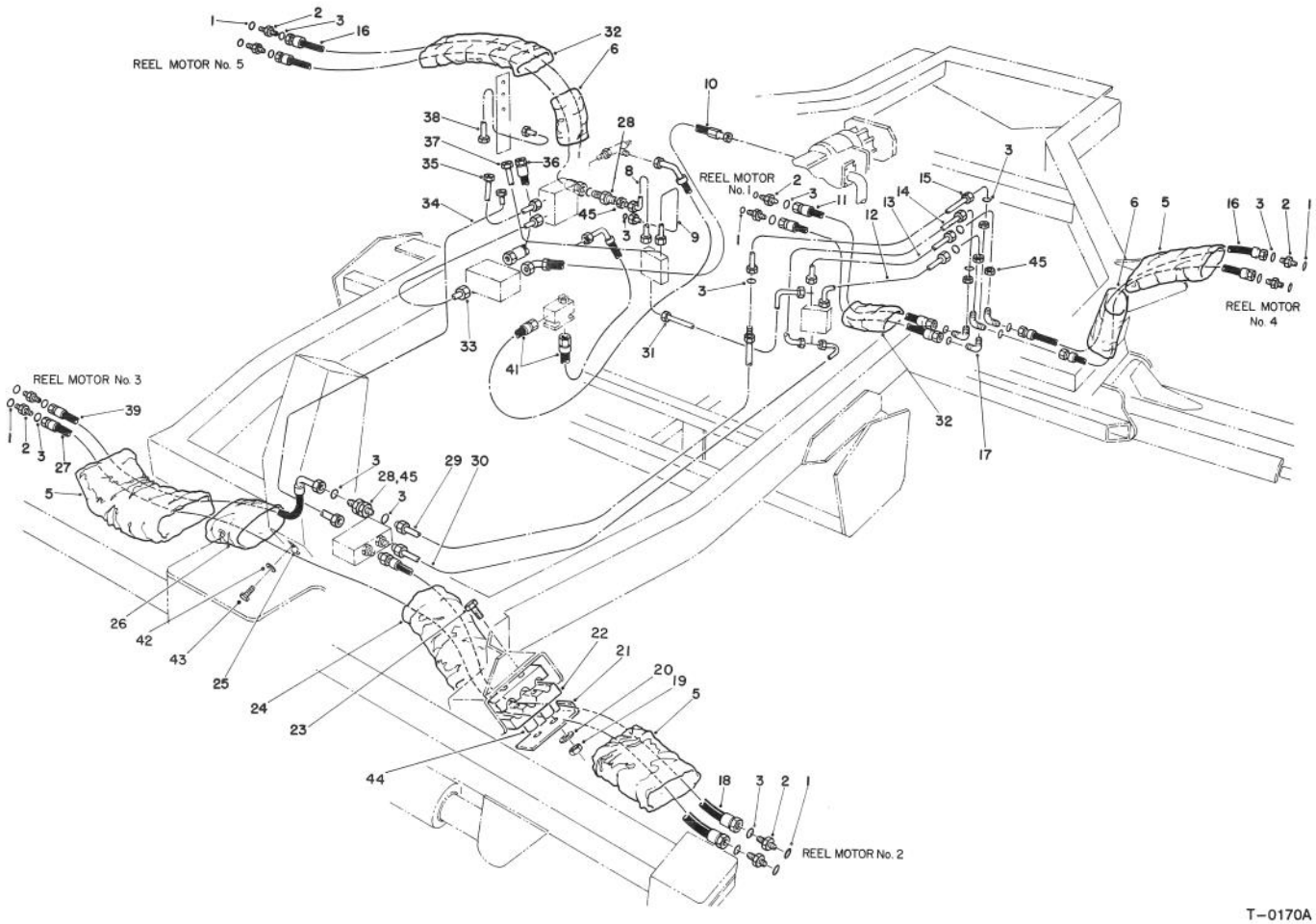


T–0169

HYDRAULIC SCHEMATIC – LIFT ARMS

Ref. No.	Part No.	Description	No. Used
1	237–42	O–Ring	7
2	340–77	Fitting – Adapter 90°	4
3	237–22	O–Ring	31
4	84–6240	Assembly – Hose	1
5	58–4750	Assembly – Tube	1
6	58–4770	Assembly – Tube	1
7	58–7730	Assembly – Tube	1
8	63–4680	Assembly – Tube	1
9	58–4780	Assembly – Tube	1
11	58–5710	Assembly – Hose	1
13	58–5080	Assembly – Tube	1
19	58–5840	Assembly – Hose	1
20	58–4850	Assembly – Tube	1
21	58–4820	Assembly – Tube	1
23	58–5820	Assembly – Hose	1

Ref. No.	Part No.	Description	No. Used
25	60–1630	Assembly – Hose	1
27	58–6670	Assembly – Hose	1
29	58–5850	Assembly – Hose	2
30	58–5830	Assembly – Hose	1
31	58–4760	Assembly – Tube	1
32	58–4880	Assembly – Tube	1
33	84–6230	Assembly – Hose	1
34	58–4870	Assembly – Tube	1
35	58–5800	Assembly – Hose	1
39	68–6260	Assembly – Tube	1
40	68–6380	Assembly – Tube	1
41	68–6240	Assembly – Tube	1
42	68–6250	Assembly – Tube	1
43	68–6300	Assembly – Tube	1

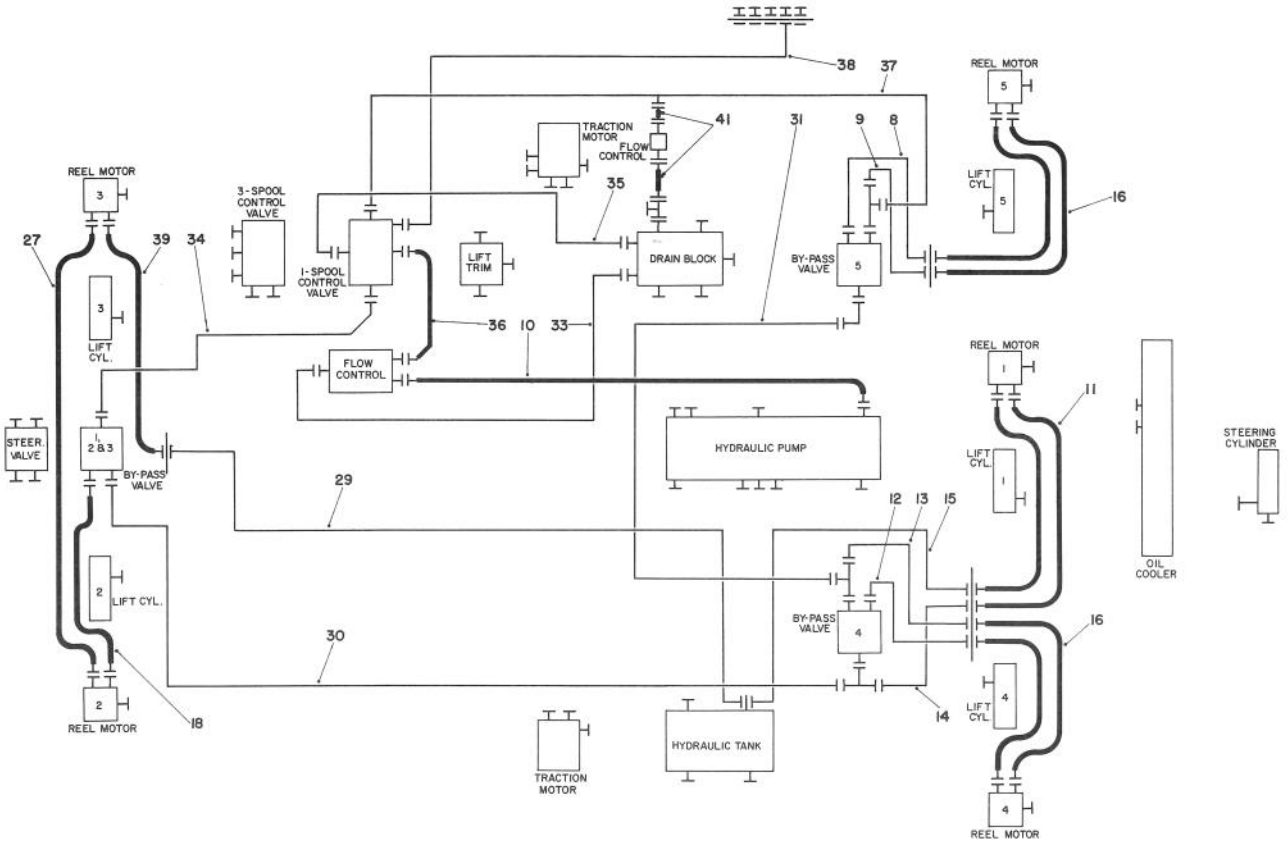


T–0170A

HYDRAULIC CIRCUIT – CUTTING UNITS

Ref. No.	Part No.	Description	No. Used
1	237–81	O–Ring	10
2	340–8	Fitting – Adapter	10
3	237–65	O–Ring	26
5	59–7190	Sleeve – Protective	4
6	59–7260	Sleeve – Protective	2
8	58–4960	Assembly – Tube	1
9	58–4970	Assembly – Tube	1
10	58–5730	Assembly – Hose	1
11	58–5790	Assembly – Hose	2
12	58–5060	Assembly – Tube	1
13	58–5000	Assembly – Tube	1
14	58–5020	Assembly – Tube	1
15	58–5040	Assembly – Tube	1
16	58–5780	Assembly – Hose	4
17	340–72	Fitting – Adapter 90°	4
18	58–5750	Assembly – Hose	1
19	3296–8	Nut – Lock	4
20	3256–16	Washer – Flat	4
21	74–2750	Retainer	2
22	74–2710	Clamp – Split	4
23	321–14	Screw – Cap Hex. Hd.	4
24	60–5650	Sleeve – Protective	1

Ref. No.	Part No.	Description	No. Used
25	60–2080	Clamp – Hose	1
26	60–5660	Sleeve – Protective	1
27	58–5740	Assembly – Hose	1
28	340–76	Fitting – Adapter	3
29	58–4990	Assembly – Tube	1
30	58–5070	Assembly – Tube	1
31	58–4950	Assembly – Tube	1
32	59–7200	Sleeve – Protective	1
33	58–5050	Assembly – Tube	1
34	58–5030	Assembly – Tube	1
35	58–4980	Assembly – Tube	1
36	60–3340	Assembly – Hose	1
37	63–4710	Assembly – Tube	1
38	58–7740	Assembly – Tube	1
39	58–5760	Assembly – Hose	1
40	340–87	Adapter – 45°	1
41	60–1250	Assembly – Hose	2
42	48–9570	Washer – Lock	1
43	48–7680	Bolt – H.H.	1
44	74–2730	Tube	4
45	340–74	Nut – Lock, Bulkhead	7

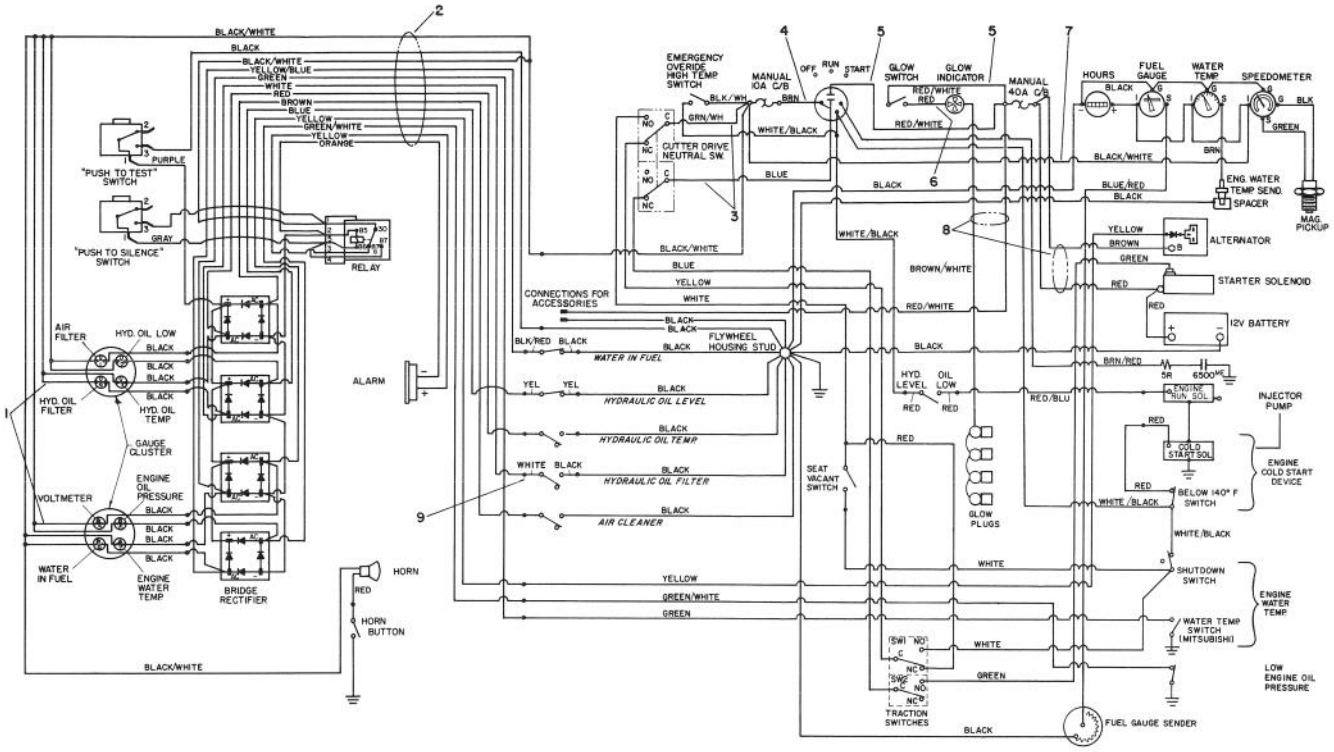


T–0171A

HYDRAULIC SCHEMATIC – CUTTING UNITS

Ref. No.	Part No.	Description	No. Used
8	58–4960	Assembly – Tube	1
9	58–4970	Assembly – Tube	1
10	58–5730	Assembly – Hose	1
11	58–5790	Assembly – Hose	2
12	58–5060	Assembly – Tube	1
13	58–5000	Assembly – Tube	1
14	58–5020	Assembly – Tube	1
15	58–5040	Assembly – Tube	1
16	58–5780	Assembly – Hose	4
18	58–5750	Assembly – Hose	1
27	58–5740	Assembly – Hose	1
29	58–4990	Assembly – Tube	1

Ref. No.	Part No.	Description	No. Used
30	58–5070	Assembly – Tube	1
31	58–4950	Assembly – Tube	1
33	58–5050	Assembly – Tube	1
34	58–5030	Assembly – Tube	1
35	58–4980	Assembly – Tube	1
36	60–3340	Assembly – Hose	1
37	63–4710	Assembly – Tube	1
38	58–7740	Assembly – Tube	1
39	58–5760	Assembly – Hose	1
41	60–1250	Assembly – Hose	2

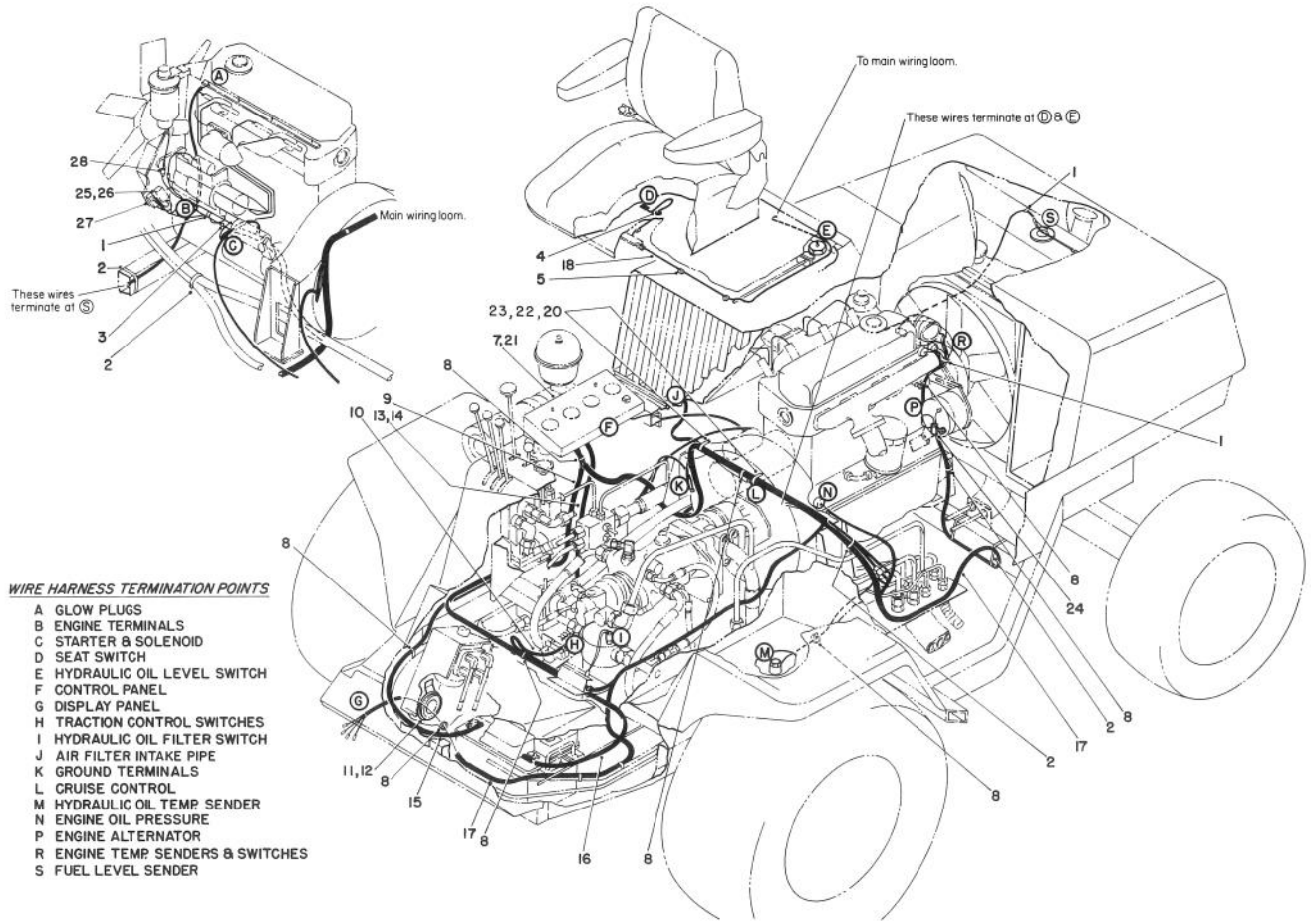


T–1221B

ELECTRICAL SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	82–9230	Harness – Wire, Ind. Lamp	2
2	82–9820	Harness – Wire, Lgt. Cluster	1
3	82–9780	Harness – Wire, Interlock	1
4	82–5940	Wire – Jumper	1
5	82–9730	Wire – Jumper	2

Ref. No.	Part No.	Description	No. Used
6	82–5930	Wire – Jumper	1
7	82–9740	Wire – Jumper, Gauges	1
8	82–9770	Harness – Wire, Glow Plugs	1
9	86–5990	Harness – Hyd. Filter	1

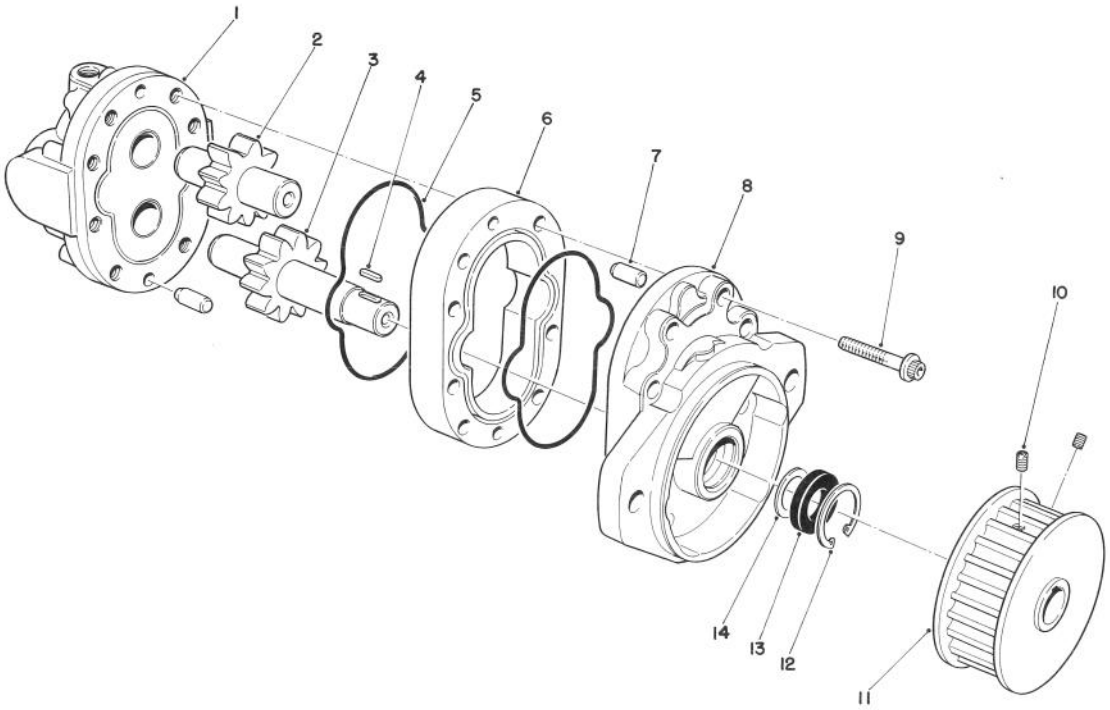


T–0173

ELECTRICAL SYSTEM DIAGRAM

Ref. No.	Part No.	Description	No. Used
1	3290–378	Tie – Cable	7
2	250–1	Tie – Cable	4
3	2412–109	Clip	1
4	237–100	Grommet	1
5	60–0930	Clip	3
7	82–9760	Harness – Wiring, Gauges	1
8	3290–378	Tie – Cable	12
9	82–9790	Harness – Wiring, Valve	1
10	82–9810	Harness – Wiring, Traction Control Switches	1
11	48–4590	Horn – Disc	1
12	82–9940	Harness – Wire, Horn	1
13	75–6700	Sensor – Magnetic	1
14	82–9800	Harness – Wire, Speedometer	1

Ref. No.	Part No.	Description	No. Used
15	58–3850	Cable – Neg. Battery	1
16	58–3840	Cable – Pos. Battery	1
17	82–9830	Harness – Wiring, Main	1
18	82–9750	Assy. – Jumper, Seat	1
20	63–4790	Clip	2
21	2412–131	Clamp–R	3
22	48–8000	Washer – Lock	2
23	48–7880	Nut – Hex.	2
24	86–6450	Diode	1
25	2412–74	Clamp–R	1
26	37–2690	Capacitor	1
27	38–2860	Resistor – 5 Ohm	1
28	58–6860	Connector	1



T–0174

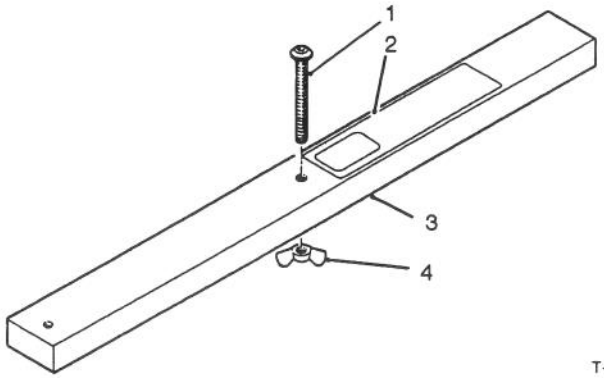
REEL MOTOR ASSEMBLY NO. 66–5700

Ref. No.	Part No.	Description	No. Used
1	66–5720	Assy. – Housing/Bushings	1
2	66–5750	Gear – Idler	1
3	66–5760	Gear – Drive	1
4	47–2380	Key	1
5	59–8420	O–Ring	2
6	66–5740	Body	1
7	42–2010	Pin – Dowel	2
8	66–5730	Assy. – Plate & Bushings (Front)	1
9	66–5770	Screw – Cap Soc. Hd.	8
10	3246–17	Screw – Set	2
11	47–7150	Pulley – Drive	1
12	59–8320	Ring – Retaining	1
13	66–5710	Seal – Shaft	1
14	60–5890	Washer – Backup	1
*	66–5700	Assembly – Reel Motor (Incl. Ref. #1–9, 12–14)	1
*	66–5690	Kit – Seal Repair (Incl. Ref. #5, 12–14)	1

*Not Illustrated

SPECIAL TOOLS

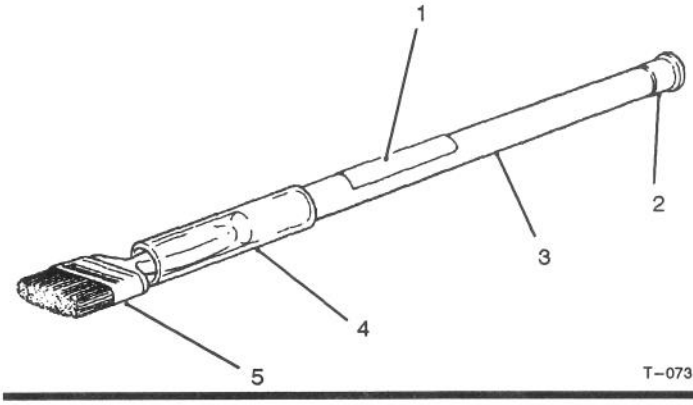
GAUGE BAR ASSEMBLY NO. 59–7900



T–0191

Ref. No.	Part No.	Description	No. Used
1	32122–54	Screw – Mach. Slot. Hd.	1
2	59–7930	Decal	1
3	59–7940	Bar	1
4	32102–3	Nut – Wing	1

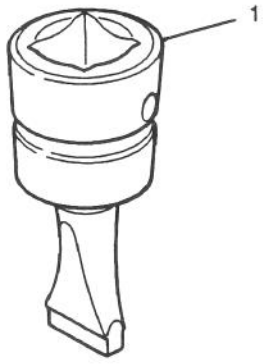
BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



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

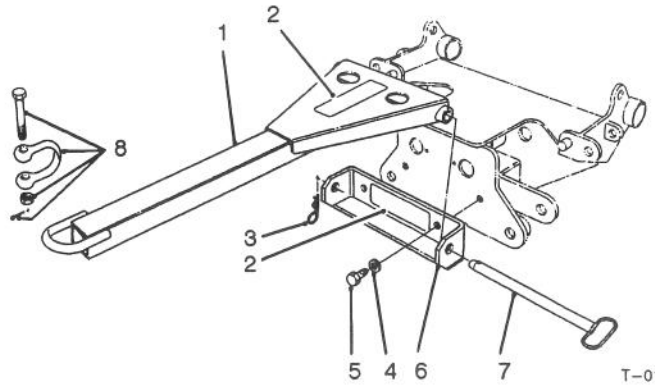
BEDKNIFE SCREW TOOL NO. *TOR510880



T–0729

Ref. No.	Part No.	Description	No. Used
1	51–0880	Tool – Bedknife Screw	1

TOW BAR ASSEMBLY NO. 58–7020



T–0190

Ref. No.	Part No.	Description	No. Used
1	12–7559	Toe Bar (Incl. Ref. #2)	1
2	59–7100	Decal – Instruction	2
3	60–4150	Pin – Retaining	1
4	48–8070	Washer – Lock	2
5	48–7830	Screw – Cap Hex. Hd.	2
6	12–7589	Toe Bar Bracket Assy. (Incl. Ref. #2)	1
7	60–4120	Pin – Toe Bar	1
8	60–4480	Shackle Assembly	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.

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3-2858	Disc – Friction	1	9	1
3-7877	Grip	2	49	1
12-7559	Toe Bar	67	1	1
12-7589	Toe Bar Bracket Assy.	67	6	1
12-9140	Decal	67	1	1
13-6329	Assembly – Strap w/Foam	22	16	2
13-6339	Assembly – Strap w/Foam	22	19	4
23-1840	Bushing	30	5	2
23-7270	Nut – Lug	33	13	10
25-8640	Screw	9	8	1
25-9090	Swivel	9	9	1
26-4840	Spacer	16	32	4
27-2360	Switch – Key	8	18	1
27-7110	Assembly – Element	15	8	1
27-7120	Nut	15	3	1
27-7130	Assembly – Clamp	15	4	1
27-7140	Baffle	15	2	1
27-7150	Assembly – Cup	15	1	1
27-7170	Assembly – Band	15	7	2
27-7220	Soap – Air Cleaner	15	*	1
29-1060	Bracket	30	29	2
29-1070	Assembly – Lever	30	34	2
29-1080	Pad	30	39	4
29-6163	Switch	1	26	2
29-9080	Handle	67	3	1
29-9090	Hose – Handle	67	4	1
33-1260	Assembly – Cover	15	12	1
33-1270	Bowl	15	11	1
33-3720	Washer	31	16	1
33-4970	Assembly – Check Valve	55	8	2
33-4990	Poppet	55	42	1
36-4310	Brush	67	5	1
37-2690	Capacitor	65	26	1
37-7600	Rectifier	5	8	4
38-2860	Resistor – 5 Ohm	65	27	1
39-2080	Assembly – Valve, Tow	55	4	1
39-2130	Retainer – Spring	55	44	1
39-2140	Spring	55	43	2
42-1220	O-Ring	12	7	1
42-2010	Pin – Dowel	66	7	2
42-2720	Seal – Shaft	55	16	1
42-3120	O-Ring	54	16	2
42-3140	Screw – Cap Hex. Hd.	54	11	8
43-4000	Breaker – Circuit, 40 amp.	8	25	1
43-4001	Breaker – Circuit, 10 amp.	8	20	1
43-5930	Washer – Lock	58	5	5
43-5930	Washer – Lock	9	6	1
43-5930	Washer – Lock	7	13	22
43-5930	Washer – Lock	60	17	6
43-5930	Washer – Lock	4	18	2
43-5930	Washer – Lock	18	40	1
43-5930	Washer – Lock	10	46	4
43-6280	Button – Push	5	3	2
43-6280	Button – Push	8	10	2
43-6290	Switch	5	11	2
43-6420	Bezel	8	12	2
43-6420	Bezel – Locking	5	4	2
47-2380	Key	66	4	1
47-2550	Grip – Handle	20	9	2
47-6990	Nut – Hex.	4	2	1
47-7010	Bushing	24	5	2
47-7030	Bushing – Rubber	1	13	1
47-7150	Pulley – Drive	66	11	1
48-3250	Mount – Rubber	35	1	4
48-3280	Bumper	28	16	2
48-3380	Leg – Support	35	5	2
48-4220	Assembly – Air Filter	15	*	1
48-4220	Assembly – Air Filter	7	39	1
48-4480	Strap – Tie	58	41	3
48-4590	Horn	4	15	1
48-4590	Horn – Disc	65	11	1
48-6020	Clamp – Hose	20	10	4
48-6260	Coupling – Spring Center	35	16	1
48-6640	Bushing – Flange	25	13	2
48-6640	Bushing – Flange	33	33	2
48-6660	Washer – Thrust	33	34	2
48-6780	Spring	23	5	2
48-6790	Bushing – Flanged	1	6	4
48-6900	Screw – Hex Hd.	23	32	6
48-6900	Screw – Self Tapping	18	9	9
48-6900	Screw – Self-Tap	7	22	4
48-6900	Screw – Self-Tapping	7	45	2
48-6940	Spring	9	28	1
48-6940	Spring	2	39	1
48-7080	Cap	23	19	3
48-7100	Dampener	1	19	1
48-7120	Element – Suction	7	50	1
48-7430	Assembly – Pre-Cleaner	15	*	1
48-7430	Assy. – Filter, Pre-Cleaner	7	1	1
48-7570	Bolt	35	10	2
48-7610	Screw – Cap Hex. Hd.	4	17	2
48-7620	Bolt	7	12	14
48-7620	Bolt	10	47	2
48-7620	Bolt – Flange, Hex. Hd.	3	7	3
48-7630	Screw	18	38	1
48-7640	Screw – Cap Hex. Hd.	58	4	4
48-7640	Screw – Cap Hex. Hd.	60	37	5
48-7680	Bolt – H.H.	62	43	1
48-7680	Screw – Cap Hex Hd.	23	36	1
48-7690	Screw – Cap Hex. Hd.	58	21	1
48-7700	Bolt	9	1	2
48-7700	Bolt	28	19	4
48-7730	Screw – Cap Hex. Hd.	22	22	4
48-7730	Screw – Cap Hex. Hd.	16	33	4
48-7740	Bolt	1	18	3
48-7780	Bolt	35	6	6
48-7780	Bolt	28	11	2
48-7830	Bolt	35	4	8
48-7830	Screw – Cap Hex. Hd.	67	5	2
48-7880	Nut	50	12	1
48-7880	Nut – Hex.	65	23	2
48-7880	Nut – Hex.	9	34	2
48-7890	Nut	7	44	10
48-7890	Nut – Hex	58	49	1
48-7890	Nut – Hex.	9	5	1
48-7890	Nut – Hex.	18	41	1
48-7890	Nut – Hex.	11	51	1
48-7930	Nut	20	18	4
48-7930	Nut – Hex.	1	7	7
48-7930	Nut – Hex.	28	9	2
48-7930	Nut – Hex.	35	13	3
48-7930	Nut – Hex.	1	15	3
48-7930	Nut – Hex.	9	16	4
48-7930	Nut – Hex.	16	27	10
48-7930	Nut – Hex.	7	36	4
48-7960	Nut – Hex.	35	9	2
48-8000	Washer – Lock	65	22	2
48-8000	Washer – Lock	9	35	2
48-8000	Washer – Spring	50	11	1
48-8010	Washer	58	6	3
48-8010	Washer	4	16	2
48-8010	Washer	10	17	4
48-8010	Washer	60	18	2
48-8010	Washer	7	24	8
48-8010	Washer	23	33	2
48-8020	Washer – Lock	58	22	1
48-8030	Washer	20	17	6
48-8030	Washer	9	19	6
48-8030	Washer	16	29	6
48-8030	Washer	7	34	4
48-8030	Washer	2	43	6
48-8030	Washer	18	55	6
48-8070	Washer – Lock	35	3	12
48-8070	Washer – Lock	67	4	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
48–8540	Lever	23	28	2
48–8830	Pin – Roll	23	26	1
48–8850	Washer – Bevel	23	27	3
48–9460	Bolt	35	11	1
48–9460	Bolt	18	53	6
48–9470	Bolt	35	2	7
48–9470	Bolt	27	4	2
48–9470	Bolt	23	9	2
48–9470	Screw – Cap Hex. Hd.	16	20	2
48–9480	Bolt	35	23	1
48–9490	Bolt	27	11	1
48–9510	Nut – Hex.	1	14	1
48–9520	Nut – Lock	27	8	2
48–9530	Nut – Hex.	28	10	2
48–9540	Nut	27	30	1
48–9570	Washer – Lock	9	2	2
48–9570	Washer – Lock	1	8	15
48–9570	Washer – Lock	28	8	6
48–9570	Washer – Lock	35	12	2
48–9570	Washer – Lock	20	19	4
48–9570	Washer – Lock	22	21	4
48–9570	Washer – Lock	16	28	10
48–9570	Washer – Lock	23	35	1
48–9570	Washer – Lock	7	35	4
48–9570	Washer – Lock	62	42	1
48–9570	Washer – Lock	18	54	6
48–9580	Washer	16	5	2
48–9580	Washer	28	12	2
48–9580	Washer	10	25	4
48–9580	Washer	35	26	1
48–9580	Washer	27	35	2
48–9580	Washer	19	71	1
48–9590	Washer – Lock	35	7	16
48–9590	Washer – Lock	16	21	2
48–9590	Washer – Lock	29	50	2
48–9600	Washer	27	29	1
49–0130	Fan	39	4	1
49–0170	Kit – Seal	6	*	1
49–2280	Decal – Diesel Fuel	19	83	1
49–2500	Element – Filter	43	5	1
49–2520	Belt	50	17	1
49–2640	Seal – Shaft	54	12	1
49–2660	Assembly – Plate, Front	54	15	1
49–2670	Plate – Wear	54	20	1
49–2680	O–Ring – Molded	54	17	1
49–2690	Gasket – Backup	54	19	1
49–2700	Seal – Bearing	54	18	1
51–0880	Tool – Bedknife Screw	67	1	1
51–2060	Washer	24	12	2
51–2060	Washer	23	23	8
51–2070	Nut	23	21	3
51–4910	Bolt	39	36	2
51–4920	Bolt	39	37	1
51–4930	Bolt	39	38	1
51–4940	Cap – Sealing	41	13	10
51–4970	Insert – Valve Seat, Exhaust	41	27	4
51–4980	Insert – Valve Seat, Inlet	41	28	4
51–5030	Bolt – Cylinder Head	41	2	5
51–5040	Bolt – Cylinder Head	41	3	10
51–5050	Connector – Fitting	41	4	1
51–5080	Assembly – Rocker Shaft	42	7	2
51–5090	Plug – Expansion	42	6	2
51–5100	Spring – Rocker Shaft	42	8	2
51–5110	Assembly – Rocker	42	16	4
51–5120	Bushing – Rocker	42	13	8
51–5130	Screw – Adjusting	42	1	8
51–5150	Bracket – Rocker Shaft	42	15	4
51–5160	Washer	38	5	2
51–5160	Washer – Flat	42	34	9
51–5190	Bolt	42	5	4
51–5200	Assembly – Rocker	42	14	4
51–5210	Nut – Jam	42	2	8
51–5240	Seal – O–Ring	42	10	2
51–5250	Pipe – Oil	42	9	1
51–5260	Ring – Snap	42	11	4
51–5270	Washer	42	12	4
51–5280	Cap	42	33	8
51–5290	Keeper – Valve	42	32	16
51–5310	Seal – Valve Stem	42	41	8
51–5320	Spring – Valve	42	17	8
51–5330	Valve – Exhaust	42	19	4
51–5340	Valve – Inlet	42	18	4
51–5350	Cap – Oil Fill	41	6	1
51–5360	Nut – Cap	41	7	4
51–5370	Gasket	41	8	4
51–5380	Asembly – Rocker Cover	41	9	1
51–5390	Washer – Sealing	41	15	1
51–5400	Connector	41	16	1
51–5410	Cover	41	5	1
51–5420	Gasket – Rocker Cover	41	11	1
51–5430	Pushrod	42	40	8
51–5450	Camshaft	37	7	1
51–5450	Camshaft	42	35	1
51–5460	Key – Woodruff	40	1	2
51–5460	Key – Woodruff	37	5	1
51–5460	Key – Woodruff	42	38	1
51–5470	Plate – Thrust	37	4	1
51–5470	Plate – Thrust	42	36	1
51–5500	Bushing – Camshaft No. 1	36	2	1
51–5510	Bushing – Camshaft No. 2	36	3	1
51–5520	Bushing – Camshaft No. 3	36	4	1
51–5530	Cap – Sealing	36	6	2
51–5530	Cap – Sealing	41	12	6
51–5540	Pin – Dowel, Gear Case	36	7	2
51–5550	Sleeve – Cylinder Std.	36	14	4
51–5560	Pipe – Oil	36	15	1
51–5580	Hanger	36	9	2
51–5590	Cap – Sealing	36	21	3
51–5600	Cap – Sealing	36	11	3
51–5610	Pin – Dowel	36	20	8
51–5640	Assembly – Idler Gear Shaft	36	33	1
51–5650	Pin – Spring	36	34	1
51–5660	Plug – Expansion	36	22	1
51–5670	Cap – Sealing	36	12	2
51–5690	Cap	36	8	1
51–5730	Gasket	36	1	1
51–5770	Bearing Set – Main	37	18	1
51–5770	Bearing Set Std.	36	30	1
51–5820	Gasket	38	22	1
51–5840	Washer – Sealing	38	29	1
51–5850	Cover	38	27	1
51–5860	Gasket	38	26	1
51–5870	Seal	38	25	1
51–5900	Case – Seal, Oil	40	14	1
51–5910	O–Ring	40	15	1
51–5940	Housing – Flywheel	40	21	1
51–5950	Stud	50	22	2
51–5970	Nut	50	15	2
51–6010	Cover	40	7	1
51–6020	Gasket	40	8	1
51–6030	Plug	40	23	1
51–6100	Gasket – Housing, Flywheel	40	22	1
51–6160	Piston Ring Set Std.	41	17	1
51–6160	Ring Set – Piston	37	17	4
51–6180	Pin – Piston	37	15	4
51–6180	Pin – Piston	41	22	4
51–6190	Ring – Snap	37	14	8
51–6190	Ring – Snap	41	18	8
51–6200	Asembly – Connecting Rod	41	20	4
51–6200	Assembly – Connecting Rod	37	13	4
51–6210	Bushing	41	23	4
51–6220	Bolt	41	21	8
51–6230	Nut	41	26	8
51–6240	Bearing – Connecting Rod	37	12	8

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
51-6240	Bearing – Connecting Rod	41	24	8
51-6270	Washer	40	3	1
51-6300	Pin – Dowel	40	20	2
51-6310	Pulley – Crankshaft	40	4	1
51-6320	Plate – Baffle	40	28	1
51-6330	Plate – Thrust	40	27	1
51-6340	Assembly – Flywheel	40	18	1
51-6350	Gear – Ring	40	19	1
51-6360	Washer – Lock	40	17	2
51-6370	Bolt – Seal	40	16	4
51-6390	Washer	38	20	1
51-6390	Washer – Spring	50	2	4
51-6390	Washer – Spring	40	9	7
51-6390	Washer – Spring	39	35	4
51-6400	Plate – Thrust	38	19	1
51-6410	Gear – Camshaft	37	1	1
51-6410	Gear – Camshaft	38	8	1
51-6450	Gear – Crankshaft	38	17	1
51-6480	Cover	36	18	1
51-6490	Gasket	36	19	1
51-6500	Gasket – Intake Manifold	44	9	2
51-6540	Manifold – Inlet	44	13	1
51-6550	Gasket	7	18	1
51-6550	Gasket – Intake Pipe	44	12	1
51-6600	Clamp	44	6	2
51-6620	Manifold – Exhaust	44	4	1
51-6630	Gasket – Exhaust Pipe	44	3	1
51-6660	Gasket – Exhaust Manifold	44	5	1
51-6670	Assembly – Oil Pump	42	22	1
51-6680	Gear – Pump Drive	42	20	1
51-6690	Pin	42	21	1
51-6700	Assembly – Oil Pump Rotor	42	*	1
51-6720	Cover – Oil Pump Case	42	26	1
51-6750	Strainer – Oil	42	30	1
51-6760	Gasket	42	27	1
51-6800	Assembly – Oil Filter	43	4	1
51-6820	Washer – Gasket	43	7	1
51-6830	Assembly – Relief Valve	43	8	1
51-6870	Gasket	43	6	1
51-6880	Bolt – Joint	43	1	2
51-6890	Gasket	43	2	4
51-6890	Gasket	41	32	1
51-6900	Pipe – Oil	43	3	1
51-6910	Nut – Jam	39	5	1
51-6920	Washer – Spring	39	6	1
51-6930	Spacer – Water Pump	39	8	2
51-6940	Ring – Retaining	39	9	1
51-6950	Bearing – Ball	39	10	1
51-6960	Key – Woodruff	39	11	1
51-6980	Bearing – Ball	39	13	1
51-7010	Gasket	39	16	1
51-7020	Fitting – Grease	39	15	1
51-7030	Seal Unit	39	18	1
51-7050	Cover	39	20	1
51-7080	Gasket	39	34	1
51-7130	Pulley –Water Pump	39	7	1
51-7160	Assembly – Elbow	39	26	1
51-7170	Pipe	44	8	1
51-7170	Pipe	39	30	1
51-7190	Hose – By–Pass	39	32	1
51-7190	Hose – Rubber	44	7	1
51-7200	Clamp – Hose	39	31	2
51-7210	Gasket	39	25	2
51-7220	Gasket	39	24	1
51-7230	Thermostat	39	23	1
51-7250	Washer	45	3	2
51-7250	Washer	36	5	5
51-7250	Washer – Lock	37	3	3
51-7250	Washer – Spring	38	2	17
51-7250	Washer – Spring	39	2	10
51-7250	Washer – Spring	44	2	12
51-7250	Washer – Spring	42	3	11
51-7250	Washer – Spring	40	6	2
51-7250	Washer – Spring	50	6	1
51-7250	Washer – Spring	43	13	19
51-7250	Washer – Spring	46	33	3
51-7270	Plate – Washer	39	3	1
51-7400	Washer – Spring	40	11	8
51-7400	Washer – Spring	45	24	2
51-7400	Washer – Spring	42	28	4
51-7490	Shim – 1.0mm	45	12	A/R
51-7590	Motor – Starter	50	16	1
51-7600	Screw – Set	51	4	1
51-7610	Packing	51	5	2
51-7620	Assembly – Cover, Front	51	6	1
51-7630	Seal – Oil	51	24	1
51-7640	Assembly – Lever	51	7	1
51-7650	Assembly – Spring	51	8	1
51-7660	Assembly – Bracket, Center	51	9	1
51-7670	Solenoid	51	10	1
51-7680	Assembly – Armature	51	12	1
51-7690	Bearing	51	11	1
51-7700	Bearing	51	13	1
51-7710	Bolt Set	51	14	1
51-7720	Assembly – Shaft, Clutch	51	*	1
51-7730	Assembly – Gear, Pinion	51	2	1
51-7740	Assembly – Ring, Retaining	51	1	1
51-7750	Assembly – Gear	51	*	1
51-7760	Assembly – Shaft	51	23	1
51-7770	Gear – Pinion	51	22	1
51-7780	Cover Set	51	21	1
51-7790	Packing	51	20	2
51-7800	Assembly – Yoke	51	19	1
51-7810	Assembly – Brush Holder	51	17	1
51-7820	Spring – Brush	51	18	4
51-7830	Cover – Rear	51	16	1
51-7840	Ring – Rubber	51	15	2
51-7850	Assembly – Nut	52	1	1
51-7870	Screw – Set	52	4	1
51-7890	Screw – Set	52	5	1
51-7910	Assembly – Rotor	52	10	1
51-7930	Stator	52	18	1
51-7950	Assembly – Terminal	52	17	1
51-7960	Assembly – Regulator	52	16	1
51-7970	Brush	52	15	2
51-7980	Spring – Return	52	14	2
51-8090	Sleeve – Cylinder O.S.	36		4
51-8100	Bearing Set 0.25mm U.S.	36	*	1
51-8110	Bearing Set 0.50mm U.S.	36	*	1
51-8120	Bearing Set 0.75mm U.S.	36	*	1
51-8130	Piston Ring Set 0.5. 0.25mm	41	*	1
51-8140	Piston Ring Set 0.5. 0.50mm	41	*	1
51-8150	Piston Ring Set 0.5. 0.75mm	41	*	1
51-8190	Bearing – Connecting Rod	41	*	8
51-8200	Bearing – Connecting Rod	41	*	8
51-8210	Bearing – Connecting Rod	41	*	8
51-8240	Assembly – Water Pump	39	14	1
51-8260	Switch – Indicator,	36	13	1
51-8270	Washer – Sealing	36	23	1
51-8280	Bolt	36	24	1
51-8310	Bolt	38	12	1
51-8390	Shim – 1.05mm	45	*	A/R
51-8400	Shim – 1.10mm	45	*	A/R
51-8410	Shim – 1.15mm	45	*	A/R
51-8420	Shim – 1.20mm	45	*	A/R
51-8430	Shim – 1.25mm	45	*	A/R
51-8440	Shim – 1.30mm	45	*	A/R
51-8450	Shim – 1.35mm	45	*	A/R
51-8460	Shim – 1.40mm	45	*	A/R
51-8470	Shim – 1.45mm	45	*	A/R
51-8480	Shim – 1.50mm	45	*	A/R
51-8490	Shim – 1.55mm	45	*	A/R
51-8500	Shim – 1.60mm	45	*	A/R
51-8510	Shim – 1.65mm	45	*	A/R

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
51-8520	Shim – 1.70mm	45	*	A/R
51-8530	Shim – 1.75mm	45	*12	A/R
51-8540	Shim – 1.80mm	45	*	A/R
51-8550	Shim – 1.85mm	45	*	A/R
51-8560	Shim – 1.90mm	45	*	A/R
51-8570	Shim – 1.95mm	45	*	A/R
51-8580	Plate – Adjusting	50	4	1
51-8590	Washer – Flat	50	5	1
51-8600	Bracket – Alternator	50	8	1
51-8610	Washer – Spring	50	18	2
51-8620	Bolt	50	19	1
51-8630	Bolt	50	20	1
51-8640	Bolt	50	1	2
51-8650	Plate – Connection	50	9	1
51-8660	Plug – Glow	50	13	4
52-6180	Washer	27	6	A/R
52-6430	Washer	9	36	2
52-6430	Washer	11	54	10
52-9230	Ring – Retaining	6	2	1
52-9240	Bushing – Seal Gland	6	3	1
52-9250	Kit – Bearing, Needle	6	*	1
52-9260	Screw – Set	6	28	1
52-9270	Seat – Check Ball	6	26	1
52-9280	Ball – Check	6	24	1
52-9290	Retainer – Ball, Check	6	23	1
53-5940	Bolt	28	44	1
53-6070	Brake – Parking	9	3	1
55-4330	Arm Rest – L.H.	17	14	1
55-4331	Arm Rest – R.H.	17	*	1
56-3850	Screw – Mach. Hex. Hd.	17	13	4
56-3880	Washer	17	31	2
56-3890	Nut	17	30	1
56-3940	Washer	17	40	1
56-4140	Grip – Handle	17	6	1
56-4170	Clevis – Threaded	17	29	1
58-0070	Disc – Brake	30	9	1
58-0110	Bracket	30	32	2
58-0400	Shroud – Front	2	45	1
58-0500	Cover	4	19	1
58-0660	Foot – Front	35	8	1
58-0800	Lever – Neutral Lock	2	36	1
58-0980	Fender – L.H.	7	25	1
58-0990	Fender – R.H.	7	38	1
58-1480	Pin – Cotter	10	22	8
58-1510	Shaft	10	34	1
58-1520	Pin – Pivot	10	6	1
58-1530	Coupling	11	53	1
58-1540	Spacer	11	59	4
58-1560	Link	11	50	6
58-1570	Link	10	21	2
58-1580	Assembly – Frame, Seat	16	30	1
58-1640	Pin – Seat Pivot	16	25	1
58-1650	Rod – Seat	16	9	1
58-1750	Panel – Access	7	37	1
58-1910	Assembly – Console, Center	7	7	1
58-1970	Plate – Hinge, L.H.	18	56	1
58-1980	Plate – Hinge, R.H.	18	*	1
58-2040	Indicator – Glow Plug	8	17	1
58-2110	Housing – Thermostat	39	29	1
58-2150	Manifold	10	40	1
58-2170	Bar	9	17	1
58-2270	Assembly – Rod	9	24	1
58-2300	Link – Brake	30	37	4
58-2720	Pin – Cylinder Mount	24	14	2
58-2720	Pin – Pivot	28	40	3
58-2740	Stud	18	35	2
58-2800	Bushing	23	1	4
58-2810	Rod	23	3	2
58-3070	Seal Plate – Side	7	43	2
58-3570	Spring – Compression	28	46	2
58-3590	Dowel	35	15	2
58-3620	Seal Plate – Front	7	42	1
58-3780	Spacer	30	28	8
58-3800	Lever	23	20	1
58-3810	Pin – Clevis	11	49	3
58-3830	Pin – Clevis	10	16	5
58-3840	Cable – Pos. Battery	65	16	1
58-3850	Cable – Neg. Battery	65	15	1
58-3880	Clamp	58	9	3
58-3880	Clamp – Tube	60	15	5
58-3910	Pin – Hinge	18	25	2
58-3930	Bushing – Flange	19	58	2
58-3940	Tube –Spacer	19	59	2
58-4230	Grill – Front	19	75	1
58-4250	Latch – Magnetic	19	74	2
58-4310	Ring	1	21	2
58-4380	Pin – Pivot	27	15	2
58-4380	Pin – Pivot	28	26	3
58-4450	Lever	10	18	1
58-4460	Clevis	10	20	1
58-4710	Assembly – Tube	58	48	1
58-4710	Assembly – Tube	59	48	1
58-4720	Assembly – Tube	58	15	1
58-4720	Assembly – Tube	59	15	1
58-4750	Assembly – Tube	60	5	1
58-4750	Assembly – Tube	61	5	1
58-4760	Assembly – Tube	60	31	1
58-4760	Assembly – Tube	61	31	1
58-4770	Assembly – Tube	60	6	1
58-4770	Assembly – Tube	61	6	1
58-4780	Assembly – Tube	60	9	1
58-4780	Assembly – Tube	61	9	1
58-4790	Assembly – Tube	58	25	1
58-4790	Assembly – Tube	59	25	1
58-4820	Assembly – Tube	60	21	1
58-4820	Assembly – Tube	61	21	1
58-4850	Assembly – Tube	60	20	1
58-4850	Assembly – Tube	61	20	1
58-4860	Assembly – Tube	58	27	1
58-4860	Assembly – Tube	59	27	1
58-4870	Assembly – Tube	60	34	1
58-4870	Assembly – Tube	61	34	1
58-4880	Assembly – Tube	60	32	1
58-4880	Assembly – Tube	61	32	1
58-4950	Assembly – Tube	62	31	1
58-4950	Assembly – Tube	63	31	1
58-4960	Assembly – Tube	62	8	1
58-4960	Assembly – Tube	63	8	1
58-4970	Assembly – Tube	62	9	1
58-4970	Assembly – Tube	63	9	1
58-4980	Assembly – Tube	62	35	1
58-4980	Assembly – Tube	63	35	1
58-4990	Assembly – Tube	63	29	1
58-4990	Assembly – Tube	62	29	1
58-5000	Assembly – Tube	62	13	1
58-5000	Assembly – Tube	63	13	1
58-5020	Assembly – Tube	62	14	1
58-5020	Assembly – Tube	63	14	1
58-5030	Assembly – Tube	62	34	1
58-5030	Assembly – Tube	63	34	1
58-5040	Assembly – Tube	63	15	1
58-5040	Assembly – Tube	62	15	1
58-5050	Assembly – Tube	62	33	1
58-5050	Assembly – Tube	63	33	1
58-5060	Assembly – Tube	62	12	1
58-5060	Assembly – Tube	63	12	1
58-5070	Assembly – Tube	62	30	1
58-5070	Assembly – Tube	63	30	1
58-5080	Assembly – Tube	60	13	1
58-5080	Assembly – Tube	61	13	1
58-5100	Washer	1	22	2
58-5100	Washer	35	27	
58-5330	Spacer	18	17	2
58-5340	Spacer	18	19	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
58-5350	Spacer	18	57	2
58-5360	Seal	7	23	1
58-5380	Latch - Draw, Spring	18	42	2
58-5420	Cap - Radiator 13 PS	20	4	1
58-5430	Motor - Wheel	30	12	2
58-5460	Valve - Shut-Off	28	2	2
58-5460	Valve - Shutoff	25	5	1
58-5490	Valve - Flow Control	11	56	1
58-5491	Valve - Flow Control	11	56	1
58-5500	Assembly - Tandem Pump	53	*	1
58-5520	Valve	10	28	1
58-5530	Hub - Drive	30	21	2
58-5540	Cooler - Hyd. Oil	20	7	1
58-5570	Tire (Used on Model 03701)	33	12	2
58-5590	Rim (Used on Model 03701)	33	14	2
58-5600	Tire (Model 03701)	30	*	2
58-5610	Rim	30	24	2
58-5620	Tube - Inner	30	25	2
58-5650	Pump - Gear	53	28	1
58-5660	Pump - Piston	53	26	1
58-5690	Assembly - Tube	58	14	2
58-5690	Assembly - Tube	59	14	2
58-5710	Assembly - Hose	60	11	1
58-5710	Assembly - Hose	61	11	1
58-5720	Assembly - Hose	58	33	1
58-5720	Assembly - Hose	59	33	1
58-5730	Assembly - Hose	62	10	1
58-5730	Assembly - Hose	63	10	1
58-5740	Assembly - Hose	62	27	1
58-5740	Assembly - Hose	63	27	1
58-5750	Assembly - Hose	62	18	1
58-5750	Assembly - Hose	63	18	1
58-5760	Assembly - Hose	62	39	1
58-5760	Assembly - Hose	63	39	1
58-5780	Assembly - Hose	62	16	4
58-5780	Assembly - Hose	63	16	4
58-5790	Assembly - Hose	62	11	2
58-5790	Assembly - Hose	63	11	2
58-5800	Assembly - Hose	60	35	1
58-5800	Assembly - Hose	61	35	1
58-5820	Assembly - Hose	60	23	1
58-5820	Assembly - Hose	61	23	1
58-5830	Assembly - Hose	60	30	1
58-5830	Assembly - Hose	61	30	1
58-5840	Assembly - Hose	60	19	1
58-5840	Assembly - Hose	61	19	1
58-5850	Assembly - Hose	58	11	2
58-5850	Assembly - Hose	59	11	2
58-5850	Assembly - Hose	60	29	2
58-5850	Assembly - Hose	61	29	2
58-5860	Assembly - Hose	58	1	2
58-5860	Assembly - Hose	59	1	2
58-5870	Assembly - Hose	58	34	1
58-5870	Assembly - Hose	59	34	1
58-5910	Decal - Tire Pressure	23	17	2
58-5940	Sight Glass	7	21	1
58-5960	Column - Steering	4	4	1
58-6290	Assembly - Poppet	13	33	3
58-6310	Spacer	13	26	3
58-6320	Wiper - Seal	13	38	3
58-6330	Assembly - Seat	13	35	3
58-6340	O-Ring	13	36	3
58-6350	Assembly - Plug	13	11	3
58-6370	Washer - Backup	13	10	6
58-6370	Washer - Backup	14	15	1
58-6380	Assembly - Plug	13	30	3
58-6400	Bushing	13	23	3
58-6410	Spring	13	31	3
58-6420	Assembly - Cap	13	28	3
58-6440	Poppet	13	20	1
58-6450	O-Ring	13	22	6
58-6460	Ring - Retaining	13	27	3
58-6470	Washer	13	16	A/R
58-6480	Washer	13	17	A/R
58-6490	Washer	13	18	A/R
58-6510	Foot Pad - R.H.	3	2	1
58-6520	Decal - Grease	23	16	3
58-6520	Decal - Grease	24	21	1
58-6530	Decal - Hydraulic Oil	16	23	1
58-6540	Decal - Operator Warning	7	32	1
58-6560	Panel - Side, Control	9	30	1
58-6580	Fitting	7	11	5
58-6620	Foot Pad - L.H.	3	8	1
58-6630	Foot Pad - Center	3	5	1
58-6670	Assembly - Hose	60	27	1
58-6670	Assembly - Hose	61	27	1
58-6680	Panel - Test Ports	7	6	1
58-6700	Washer	13	24	3
58-6710	Assembly - Plug	13	6	3
58-6720	O-Ring	13	7	3
58-6730	Spring	13	25	3
58-6750	O-Ring	13	15	1
58-6760	Spring	13	3	3
58-6770	Detent Plunger	13	4	3
58-6780	Assembly - Plug	13	1	3
58-6790	O-Ring	13	5	3
58-6800	Filler Cap Assembly	16	*	1
58-6820	Gasket	16	17	2
58-6860	Connector	65	28	1
58-6940	Decal - Coolant Only	19	82	1
58-6970	Diode	50	21	1
58-7030	Cable - Brake	9	13	1
58-7070	Spacer	18	45	2
58-7190	Spring	10	12	1
58-7270	Bar - Clamp	3	13	1
58-7290	Plate - Floor	2	40	1
58-7390	Assembly - Foot Rest	3	4	1
58-7730	Assembly - Tube	60	7	1
58-7730	Assembly - Tube	61	7	1
58-7740	Assembly - Tube	62	38	1
58-7740	Assembly - Tube	63	38	1
58-7750	Assembly - Tube	58	38	1
58-7750	Assembly - Tube	59	38	1
58-7760	Assembly - Tube	58	40	1
58-7760	Assembly - Tube	59	40	1
58-7770	Assembly - Tube	58	39	1
58-7770	Assembly - Tube	59	39	1
58-7780	Assembly - Tube	58	37	1
58-7780	Assembly - Tube	59	37	1
58-7800	Lever Pump	1	28	1
58-8100	Hose	20	22	1
58-9010	Block	1	24	1
58-9160	Plug - Drain	7	47	1
58-9210	Cam	28	42	2
58-9580	Foot Rest	1	1	1
58-9630	Sleeve - Protector	29	48	2
58-9830	Plate - Seat	16	31	1
59-81 20	O-Ring	12	33	1
59-6730	Race - Bearing	6	6	2
59-6740	Bearing - Needle, Thrust	6	7	1
59-6820	Kit - Centering Spring	6	10	1
59-6830	Kit - Pin, Centering	6	19	1
59-6860	Drive	6	14	1
59-6870	Gerotor	6	15	1
59-6890	Cap - End	6	16	1
59-6900	Screw - Cap	6	18	7
59-7100	Decal - Instruction	67	2	2
59-7130	Knob	10	33	1
59-7140	Bumper	25	9	1
59-7140	Bumper	29	47	2
59-7190	Sleeve - Protective	62	5	4
59-7200	Sleeve - Protective	62	32	1
59-7220	Switch - Glow Plug	8	14	1
59-7240	Assembly - Throttle	9	4	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
59-7260	Sleeve – Protective	62	6	2
59-7280	Foot Pad – Traction	3	1	1
59-7290	Decal – Hyd. Fill	7	20	1
59-7410	Fitting – Diagnostic	7	9	5
59-7410	Fitting – Diagnostic	11	62	1
59-7580	Nut	57	1	8
59-7590	Washer – Lock	57	2	8
59-7600	Assembly – Plug	14	1	2
59-7610	O-Ring	14	2	2
59-7640	O-Ring	14	5	1
59-7650	O-Ring	14	6	1
59-7670	Metering Stem	14	8	1
59-7680	Pin – Groove	14	9	1
59-7690	Shim	14	10	A/R
59-7700	Shim	14	11	A/R
59-7710	Shim	14	12	A/R
59-7720	Shim	14	13	A/R
59-7740	Plug – Metering (03700)	14	16	1
59-7750	Shim	14	17	A/R
59-7760	Shim	14	18	A/R
59-7770	Spring	14	19	1
59-7780	O-Ring	26	7	2
59-7780	O-Ring	14	14	1
59-7780	O-Ring	12	32	1
59-7810	Circlip	26	1	2
59-7820	Washer	26	2	2
59-7840	Spring	26	4	1
59-7850	Wiper	26	5	2
59-7860	Backup Washer	26	6	2
59-7860	Washer – Backup	12	6	1
59-7890	Seal Kit	26	*	1
59-7910	Grommet	10	35	1
59-7930	Decal	67	2	1
59-7940	Bar	67	3	1
59-7950	Switch – Cold Start	41	10	1
59-7960	Decal – Latch	3	6	1
59-7970	Stud (Model 03700)	57	3	8
59-7990	Seal – Gland	57	5	2
59-8040	Spring	12	29	1
59-8050	Spring – Detent	12	10	2
59-8060	Plug – Detent	12	9	1
59-8070	Washer – Lock	12	23	2
59-8080	Washer – Deep	12	30	1
59-8100	Washer – Shallow	12	27	1
59-8140	O-Ring	12	3	1
59-8150	Pawl – Detent	12	11	3
59-8160	Plug	12	4	1
59-8170	Washer – Wire	12	28	1
59-8180	Washer	12	31	1
59-8190	Wiper	12	34	1
59-8230	Plug	12	16	1
59-8250	Kit – Seal	12	*	1
59-8260	O-Ring	31	4	1
59-8270	Assembly – Back Plate	31	3	1
59-8280	Screw – Cap Hex. Hd.	31	2	3
59-8290	Screw – Cap Hex. Hd.	31	1	3
59-8300	Assembly – Housing	31	10	1
59-8320	Ring – Retaining	66	12	1
59-8340	Assembly – Rotating	31	8	1
59-8350	Asssembly – Camplate	31	9	1
59-8360	Shaft – Drive	31	18	1
59-8370	Seal – Shaft	31	17	1
59-8380	Key	31	11	1
59-8390	Kit – Seal Repair	31	*	1
59-8420	O-Ring	66	5	2
59-8440	Decal – Warning	20	3	1
59-8470	Retainer – Seal	57	6	2
59-8500	Drive Gear – Spline	57	10	1
59-8540	Coupling	57	14	1
59-8550	O-Ring	53	10	1
59-8570	Seal – Shaft	57	17	1
59-8580	Ring – Retaining	57	18	1
59-8590	Seal – Shaft	57	9	1
59-8600	Driven Gear (Model 03700)	57	11	1
59-8610	Kit – Seal	57	*	1
60-0050	Spring	16	24	1
60-0060	Elbow	7	3	2
60-0070	Carrier – Front	24	7	1
60-0080	Bushing – Flanged	28	43	2
60-0090	Pin – #1 Lift Arm Pivot	28	17	1
60-0090	Pin – Lift Arm, Pivot	24	17	2
60-0100	Pin – #4 & 5 Lift Arm Pivot	28	21	2
60-0160	Pin – Roller Rear	23	24	2
60-0190	Retainer	24	20	1
60-0190	Retainer – #1 & 4 Pivot Pin	28	18	1
60-0300	Rod	25	11	1
60-0440	A-Frame	27	10	1
60-0550	Bushing	10	23	1
60-0600	Bracket	2	47	1
60-0670	Spring – Compression	24	11	2
60-0730	Bracket – Lock, Neutral	1	35	1
60-0760	Clevis	2	42	1
60-0790	Grommet	4	27	1
60-0880	Prop	19	68	1
60-0930	Clip	65	5	3
60-0930	Clip	20	28	3
60-0930	Clip	18	51	1
60-1010	Lug – Angle	35	22	1
60-1050	Bracket	28	15	2
60-1110	Bushing	2	48	2
60-1130	Lever	1	10	1
60-1240	Spring	23	6	2
60-1250	Assembly – Hose	58	19	1
60-1250	Assembly – Hose	59	19	1
60-1250	Assembly – Hose	62	41	2
60-1250	Assembly – Hose	63	41	2
60-1270	Pin – Roll	28	39	3
60-1270	Pin – Spirol	24	10	2
60-1280	Pin – Roll	28	27	3
60-1280	Pin – Roll	27	14	2
60-1340	Rod – Push, R.H.	28	45	1
60-1350	Rod – Push, L.H.	28	*	1
60-1360	Clamp	58	24	1
60-1360	Clamp – Tube	60	36	3
60-1630	Assembly – Hose	60	25	1
60-1630	Assembly – Hose	61	25	1
60-1640	Retainer – #5 Pivot Pin	28	*	1
60-1670	Nut – Spring	23	10	2
60-1740	Nut – Spring	30	36	4
60-1750	Lever – R.H.	24	3	1
60-1780	Lever – L.H.	24	8	1
60-1820	Shaft – Pivot	24	6	1
60-1870	Assembly – Pipe	7	16	1
60-1900	Assembly – Tube	58	8	1
60-1900	Assembly – Tube	59	8	1
60-1980	Clamp	23	13	1
60-1990	Bushing – Flange	24	4	2
60-2000	Pin – Dowel	24	2	6
60-2010	Sleeve – Protective	58	10	1
60-2020	Shield – Heat	7	40	1
60-2080	Clamp – Hose	62	25	1
60-2080	Clamp – Hose	23	34	1
60-2110	Pin – Roll	1	5	5
60-2110	Pin – Roll	23	25	8
60-2110	Pin – Spirol	10	36	2
60-2140	Spring	9	23	2
60-2160	Wire – Retaining	16	3	1
60-2170	Screw – Pan Hd.	8	21	2
60-2180	Fitting – Tee	60	22	1
60-2780	Tube – Drain	46	38	1
60-3060	Washer	48	2	8
60-3060	Washer	47	12	1
60-3070	Valve – Pressure	48	1	1
60-3090	Banjo	48	3	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
60-3100	Valve – Pressure	48	9	1
60-3110	Washer	48	10	1
60-3120	Nut	48	7	4
60-3130	Plate – Clamping	48	8	1
60-3140	Spring	48	12	1
60-3140	Spring	47	15	1
60-3150	Ring – Sealing	48	13	1
60-3150	Sealing Ring	47	14	1
60-3160	Solenoid	48	11	1
60-3160	Solenoid	47	13	1
60-3250	Washer – Rubber	27	7	1
60-3260	Screw	4	10	1
60-3340	Assembly – Hose	62	36	1
60-3340	Assembly – Hose	63	36	1
60-3380	Bearing	31	12	1
60-3520	O-Ring	53	27	1
60-3530	Bolt	53	33	2
60-3540	Washer	53	32	2
60-3590	Bearing	31	5	1
60-3610	Snap – Ring	27	21	2
60-3610	Snap – Ring	28	31	3
60-3620	Seal	27	20	2
60-3620	Seal	28	30	3
60-3630	Wiper	27	19	2
60-3630	Wiper	28	29	3
60-3650	Washer	27	23	2
60-3650	Washer	28	33	3
60-3660	Screw – Bleed	27	22	2
60-3660	Screw – Bleed	28	32	3
60-3670	Pin – Roll	33	41	1
60-3680	Hose – Overflow	20	2	1
60-3700	Hose – Flexible	20	1	1
60-3720	Pin – Roll	23	2	2
60-3760	Strip – Sealing R.H.	18	*	1
60-3770	Strip – Sealing L.H.	18	11	1
60-3780	Kit – Seal –	13	*	1
60-3800	Coupling	32	1	1
60-3810	Shaft – Input	32	2	1
60-3820	Spindle	32	3	1
60-3830	Seal – Oil	32	4	1
60-3840	Cone – Bearing	32	5	1
60-3850	Cup – Bearing	32	6	2
60-3860	Bolt – Wheel	32	7	9
60-3870	Hub	32	8	1
60-3880	Cone – Bearing	32	9	1
60-3890	Bolt – Hex. Hd.	32	10	6
60-3900	Gear – Ring	32	24	1
60-3910	Washer – Flat	32	11	6
60-3930	Ring – Retaining	32	29	1
60-3940	Washer	32	26	2
60-3950	Spring – Disengage	32	27	1
60-3960	Assembly – Primary Carrier	32	15	1
60-3970	Gear – Primary Sun	32	13	1
60-3980	Washer – Thrust	32	12	1
60-3990	Washer – Thrust	32	23	1
60-4000	Assy. – Secondary Carrier	32	20	1
60-4010	Plunger – Disengage	32	22	1
60-4020	O-Ring	32	21	1
60-4030	Bolt – Hex Hd.	32	17	8
60-4040	Plug – Pipe	32	16	1
60-4050	Cover – Large	32	19	1
60-4060	Cover – Disengage	32	18	1
60-4070	Bolt – Hex. Hd.	32	14	2
60-4120	Pin – Toe Bar	67	7	1
60-4150	Pin – Retaining	67	3	1
60-4190	Grass Shield – L.H.	23	30	1
60-4200	Grass Shield – R.H.	23	31	1
60-4480	Shackle Assembly	67	8	1
60-4540	Bolt	35	14	1
60-4550	Switch – Micro	12	19	1
60-5000	Bracket	45	1	1
60-5010	Assembly – Fuel Filter	45	2	1
60-5020	Clip	45	27	4
60-5030	Wrap – Spiral	45	5	2
60-5040	Hose – Fuel Feed	46	37	1
60-5050	Gasket	46	35	1
60-5060	Washer	38	14	3
60-5070	Pipe – Fuel	45	30	1
60-5090	Clamp – Lower	45	18	2
60-5100	Assembly – Injection Pump	46	31	1
60-5150	Hose – Rubber	45	20	1
60-5160	Clip	45	21	3
60-5170	Connector	45	22	1
60-5180	Clip	45	26	1
60-5200	Pulley – Drive	39	45	1
60-5210	Clamp – Upper	45	23	2
60-5220	Nut	40	2	1
60-5220	Nut	39	47	1
60-5230	Washer – Spring	39	46	1
60-5280	Housing – Support	39	39	1
60-5290	Assembly – Bearing & Shaft	39	40	1
60-5300	Pulley – Driver	39	48	1
60-5310	Wire	39	41	1
60-5320	Shaft – Drive	39	42	1
60-5330	Assembly – Pulley	52	2	1
60-5340	Assembly – Cover, Front	52	7	1
60-5350	Bearing	52	8	1
60-5360	Bearing	52	11	1
60-5420	Alternator	50	3	1
60-5430	O-Ring	50	14	1
60-5450	Plug – Air	49	3	1
60-5470	Assembly – Filter Element	49	4	1
60-5480	Sensor – Water	49	6	1
60-5490	Kit – Drain Plug	49	8	1
60-5580	Switch – Temperature	16	19	1
60-5590	Switch – Temp.	39	21	1
60-5650	Sleeve – Protective	62	24	1
60-5660	Sleeve – Protective	62	26	1
60-5690	Clip – Safety	10	5	3
60-5700	Spring	1	23	2
60-5710	Plug	54	6	1
60-5720	O-Ring	54	2	2
60-5720	O-Ring	13	9	6
60-5730	Disc	54	8	A/R
60-5740	Assembly – Body	54	21	1
60-5760	Pin – Dowel	54	4	4
60-5770	Assembly – Idler, Gear	54	10	1
60-5780	Assembly – Gear Drive	54	7	1
60-5790	Spring	54	23	1
60-5800	Seat	54	31	1
60-5810	Plug – Seat	54	29	1
60-5820	Spring	54	9	1
60-5830	Washer	54	25	A/R
60-5840	Washer	54	26	A/R
60-5850	Washer	54	27	A/R
60-5860	Plug	54	1	1
60-5870	Assembly – Plug	54	28	1
60-5880	O-Ring	54	24	1
60-5890	Washer	54	13	1
60-5890	Washer – Backup	66	14	1
60-5900	Kit – Seal Repair	54	*	1
60-5910	Kit – Repair, Back Plate	54	*	1
60-5950	Washer – Backup	14	7	1
60-5950	Washer – Backup	55	46	2
60-5980	O-Ring	55	33	2
60-5990	Race – Inner	55	20	1
60-6000	Assembly – Housing	55	19	1
60-6010	Cover – Trunion	55	23	1
60-6020	Camplate	55	14	1
60-6030	Assembly – Kit, Rotating	55	12	1
60-6040	Assembly – Back Plate	55	9	1
60-6050	Bearing	56	48	1
60-6060	Cartridge	55	37	1
60-6070	Poppet	55	40	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
60-6080	O-Ring	55	38	1
60-6090	Spring	55	39	1
60-6110	Bearing - Needle	55	18	2
60-6120	Cover - Seal	55	15	1
60-6130	Gasket - Housing	55	10	1
60-6140	Shaft - Drive	55	31	1
60-6150	Bearing	56	47	1
60-6160	Race - Thrust	55	29	2
60-6170	Bearing - Needle, Thrust	55	30	1
60-6180	O-Ring	55	5	1
60-6190	O-Ring	55	21	1
60-6200	Assy. - Charge Pump Adap.	55	2	1
60-6210	Cover - O-Ring	55	22	1
60-6220	Screw - Cap Hex. Hd.	55	36	2
60-6230	Screw - Cap Hex. Hd.	55	1	2
60-6240	Washer	55	27	1
60-6250	Washer	55	17	2
60-6260	Ring - Retaining	55	25	1
60-6270	Ring - Retaining	55	28	2
60-6300	Seal - Shaft	55	26	1
60-6310	Key	55	13	1
60-6320	Key	55	35	1
60-6330	Screw	55	24	4
60-6340	Kit - Bleed-Off Valve	56	*	1
60-6350	Assembly - Gear, Gerotor	55	7	1
60-6360	Kit - Charge Relief Spring	56	*	1
60-6370	Pin - Dowel	55	11	2
60-6400	Kit - Seal	56	*	1
60-6440	Eyelet	13	32	3
60-6450	Disc	13	2	A/R
60-6540	Bolt	1	25	1
60-6650	Bolt	11	60	2
60-6650	Screw - Cap Hex. Hd.	60	16	2
60-6660	Nut - Hex	23	7	2
60-6740	Washer	2	38	3
60-6770	Nut - Hex.	18	36	2
60-6780	Bolt	38	1	4
60-6870	Bolt	23	18	3
60-6870	Bolt	35	21	4
60-6990	Washer	30	19	18
60-6990	Washer	1	29	1
60-7040	Bolt	38	4	1
60-7040	Bolt	44	10	2
60-7050	Bolt	45	4	2
60-7050	Bolt	38	7	8
60-7060	O-Ring	38	6	1
60-7110	Bolt	39	1	6
60-7110	Bolt	37	2	2
60-7110	Bolt	40	5	2
60-7110	Bolt	43	12	16
60-7110	Bolt	36	17	2
60-7110	Bolt	42	37	2
60-7120	Nut	38	16	3
60-7120	Nut	46	32	3
60-7150	Stud	38	13	3
60-7160	Rivet	38	24	2
60-7170	Pointer	38	30	1
60-7180	Bolt	38	28	1
60-7200	Plate - Flange	38	11	1
60-7210	Bolt	38	21	1
60-7260	Nut - Hex	47	11	1
60-7280	Bolt	44	1	8
60-7280	Bolt	36	16	2
60-7290	Bolt	45	25	2
60-7290	Bolt	42	29	4
60-7300	Bolt	44	11	2
60-7310	Bolt	37	10	1
60-7310	Bolt	36	35	1
60-7360	Bolt	43	19	1
60-7370	Bolt	42	4	5
60-7370	Bolt	50	7	1
60-7370	Bolt	43	17	2
60-7370	Bolt	39	43	4
60-7430	Assembly - Oil Seal	40	13	1
60-7480	Bolt	40	10	7
60-7490	Bolt	40	12	8
61-3610	Decal	27	32	2
61-3610	Decal	29	52	3
62-6290	Decal - Lift Lever	7	26	1
62-6300	Assembly - Sleeve	15	10	1
62-6320	Screw - Brass	39	33	1
62-6370	Seal Kit - Lift Cylinder	27	*	1
62-6370	Seal Kit - Lift Cylinder	29	*	1
62-6390	Belt	39	44	1
62-6400	Hub - Drive	30	*	2
62-6410	Assembly - Primary Carrier	32	15	1
62-6420	Assy. - Secondary Carrier	32	20	1
62-6430	Gear - Primary Sun	32	13	1
62-6440	Foot Pad	3	3	1
62-6450	Kit - Retaining Ring	32	28	1
62-6460	Tube - RW Sealant	32	*	1
62-7400	Decal - Toro	2	46	1
62-7650	Gasket	22	5	1
63-4390	Bearing - Needle	55	6	1
63-4440	O-Ring	12	5	1
63-4480	Tire (Model 03700)	30	26	2
63-4510	Spring	12	15	1
63-4520	Kit - Seal	14	*	1
63-4530	Decal - Ground Speed	4	20	1
63-4540	Decal - Ground Speed	4	20	1
63-4560	Spring	47	2	1
63-4570	Lever	47	3	1
63-4580	Nut	47	4	2
63-4590	Screw - Vent	47	5	1
63-4600	Body - Screw Vent	47	6	1
63-4610	Washer	47	7	3
63-4620	Washer	47	8	4
63-4630	Key	47	9	1
63-4640	Washer - Lock	47	10	1
63-4650	Washer	48	6	2
63-4660	Washer	48	5	4
63-4670	Valve - Pressure	48	4	2
63-4680	Assembly - Tube	60	8	1
63-4680	Assembly - Tube	61	8	1
63-4690	Bracket - Valve	11	67	1
63-4700	Valve - Flow Regulator	11	72	1
63-4701	Valve - Flow Regulator	11	72	1
63-4710	Assembly - Tube	62	37	1
63-4710	Assembly - Tube	63	37	1
63-4740	Bolt -Cylinder Head	41	33	2
63-4780	Valve - Relief	12	8	1
63-4790	Clip	65	20	2
63-4800	Valve - Control	10	9	1
63-4820	Detent - Block	12	25	1
63-4830	Screw - Cap Hd.	12	22	2
63-4840	Spool - Screw	12	26	1
63-4850	Plunger	12	18	1
63-4860	Circlip	12	14	1
63-7430	Gauge - Temperature	8	5	1
63-7590	Relay	5	10	1
63-7624	Hose - Fuel	22	1	2
63-8360	Key - Ignition	8	8	2
65-5870	Tube - Manual	16	11	1
65-5890	Cap - Tube	16	8	2
66-2940	Gauge - Fuel	8	6	1
66-2950	Hourmeter	8	7	1
66-3160	Bolt	7	4	4
66-3160	Bolt	2	44	11
66-3160	Screw - Cap Hex. Hd.	16	2	6
66-5410	Orifice	10	41	1
66-5420	Sleeve	12	17	1
66-5430	Screw - Machine	12	21	2
66-5440	Nut - Lock	12	12	2
66-5580	Kit - Seal Repair	11	*	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
66-5590	Kit – Seal	11	*	1
66-5690	Kit – Seal Repair	66	*	1
66-5700	Assembly – Reel Motor	66	*	1
66-5710	Seal – Shaft	66	13	1
66-5720	Assy. – Housing/Bushings	66	1	1
66-5730	Assy. – Plate & Bushings	66	8	1
66-5740	Body	66	6	1
66-5750	Gear – Idler	66	2	1
66-5760	Gear – Drive	66	3	1
66-5770	Screw – Cap Soc. Hd.	66	9	8
66-5800	Assembly – Hose	59	44	1
66-5840	Kit – Seal Repair	31	*	1
66-5860	Adapter – 45°	11	55	1
66-6140	Decal – Toro	18	33	1
68-6030	Bolt	39	27	2
68-6040	Bracket – Latch	19	66	2
68-6150	Breather	7	15	1
68-6240	Assembly – Tube	60	41	1
68-6240	Assembly – Tube	61	41	1
68-6250	Assembly – Tube	60	42	1
68-6250	Assembly – Tube	61	42	1
68-6260	Assembly – Tube	60	39	1
68-6260	Assembly – Tube	61	39	1
68-6300	Assembly – Tube	60	43	1
68-6300	Assembly – Tube	61	43	1
68-6320	Assembly – Tube	58	29	1
68-6320	Assembly – Tube	59	29	1
68-6330	Assembly – Tube	59	49	1
68-6330	Assembly – Tube	58	51	1
68-6350	Assembly – Tube	58	30	1
68-6350	Assembly – Tube	59	30	1
68-6360	Assembly – Tube	59	50	1
68-6360	Assembly – Tube	58	52	1
68-6380	Assembly – Tube	60	40	1
68-6380	Assembly – Tube	61	40	1
68-6400	Assembly – Oil Pan	43	15	1
68-6410	Gasket	43	9	1
68-6420	Plug	43	11	1
68-6430	Gasket	43	10	1
68-6440	Dipstick	43	14	1
68-6460	Kit – Relief Valve	55	32	2
68-6480	Bushing	27	2	4
68-6480	Bushing	28	23	6
68-7570	Strip – Foam	19	80	1
68-7570	Strip – Sealing	20	27	2
68-7690	Lining – Foam	19	77	1
68-7720	Lining – Foam	18	4	1
68-7730	Lining – Foam	18	2	1
68-7780	Lining – Foam	19	64	1
68-7790	Lining – Foam	19	78	1
68-7810	Panel – Lining	7	48	1
68-7820	Lining – Foam L.H.	18	7	2
68-7830	Lining – Foam R.H.	18	1	1
68-7840	Strip – Foam	7	33	1
68-7850	Strip – Foam	16	26	1
68-7860	Strip – Foam	19	63	2
68-7880	Strip – Foam	19	76	1
68-8080	Wheel – Steering	4	3	1
69-1830	Assembly – Plug	13	14	1
69-1940	Indicator – Elect.	7	5	1
69-2960	Hub – Wheel, Rear	33	9	2
69-2970	Cap – Hub	33	16	2
69-2980	Seal – Inner	33	22	2
69-2990	Screw – Drive	33	8	10
69-3020	Latch	18	28	2
69-6470	Bushing – Flange	33	5	4
69-7360	Spindle – Wheel, R.H.	33	47	1
69-7370	Spindle – Wheel, L.H.	33	7	1
69-8890	Cap – Spindle	33	2	2
69-9550	Plate – Pump Adapter	35	17	1
69-9726	Seal – Trim	18	14	1
69-9727	Seal – Trim	18	18	1
69-9729	Strip – Sealing	21	4	1
69-9810	Joint – Ball	33	45	1
69-9880	Tire (Used on Model 03700)	33	12	2
70-1240	Assembly – Plug	55	3	2
70-8290	Washer – Sealing	6	17	7
71-4200	Cluster – Lights, Warning	5	2	1
71-4210	Cluster – Lights, Warning	5	1	1
72-0040	Plate – Tank, Fuel	22	28	1
72-0090	Cap – Fuel Tank	22	12	1
72-0110	Pad – Tank, Fuel	22	29	1
72-0130	Button – Horn	4	1	1
72-0140	Gasket	45	6	4
72-0150	Assy. – Nozzle, Complete	45	*	4
72-0160	Assembly – Nozzle Tip	45	7	4
72-0170	Pipe – Injector No. 1	45	29	1
72-0180	Pipe – Injector No. 2	45	16	1
72-0190	Pipe – Injector No.3	45	28	1
72-0200	Pipe – Injector No. 4	45	19	1
72-0210	Pipe – Fuel Leak–Off	45	17	1
72-0220	Assembly – Cylinder Head	41	31	1
72-0230	Jet – Combustion Std.	41	29	4
72-0240	Piston	37	16	4
72-0240	Piston Std.	41	19	4
72-0270	Nut – Retaining	45	8	4
72-0280	Spacer	45	9	4
72-0290	Pin – Pressure	45	10	4
72-0300	Spring – Pressure	45	11	4
72-0310	Nut	45	15	4
72-0320	Nozzle – Body	45	13	4
72-0330	Packing	45	14	4
72-9760	Switch – Override	8	19	1
74-2710	Clamp – Split	62	22	4
74-2720	Valve – Steering	4	6	1
74-2730	Tube	62	44	4
74-2750	Retainer	62	21	2
74-2780	Assembly – Tube	58	32	1
74-2780	Assembly – Tube	59	32	1
74-2790	Assembly – Tube	58	36	1
74-2790	Assembly – Tube	59	36	1
74-2800	Chassis	23	29	1
74-2810	Assembly – Tube	58	35	1
74-2810	Assembly – Tube	59	35	1
74-2820	Assembly – Tube	58	28	1
74-2820	Assembly – Tube	59	28	1
74-2850	Muffler	23	11	1
74-2900	Muffler (Spark Arrester)	23	*	
74-2920	Carrier – Front	24	7	1
74-2950	Radiator	20	13	1
74-3070	Shroud – Fan	20	20	1
74-3090	Spring	6	20	2
74-3100	Plate – Spacer	6	13	1
74-3130	Plug – Retainer	6	21	2
74-3140	Ball – Check	6	22	2
74-3150	Plug – Metering (03701)	14	16	1
74-3170	Linkage – Cross Cut Control	11	74	1
74-3190	Lever – Lift	10	2	3
74-3210	Stud (Model 03701)	57	3	8
74-3230	Drive Gear – Spline	57	10	1
74-3240	Driven Gear)Model 03701)	57	11	1
74-9100	Pad – Forward	1	3	1
74-9110	Pad – Reverse	1	4	1
75-0570	Cable	19	61	2
75-6700	Sensor – Magnetic	65	13	1
75-7600	Canopy – Front	19	*	
75-7600	Canopy – Front	18	6	1
75-7620	Frame	20	21	1
75-7790	Handle	20	8	2
75-8200	Assembly – Hose	58	2	1
75-8200	Assembly – Hose	59	2	1
75-8210	Assembly – Hose	58	7	1
75-8210	Assembly – Hose	59	7	1
75-8240	Fitting – Fuel, hose	22	3	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
75-8250	Assembly – Strap w/Foam	22	14	1
75-8320	Assembly – Gasket	22	13	1
75-8330	Bolt – Shoulder	20	15	2
75-8360	Lining – Foam	18	20	2
75-8370	Lining – Foam R.H.	18	8	1
75-8380	Lining –Foam, L.H.	18	21	1
75-8390	Lining – Foam, R.H.	18	*	1
75-8400	Lining – Foam, L.H.	18	37	1
75-8410	Lining – Foam	18	22	1
75-8450	Seal – Radiator, Foam	18	13	1
75-8470	Strip – Sealing	20	6	2
75-8480	Seal – Canopy, Lower	19	79	2
76-3280	Pedal – Traction	1	2	1
76-3330	Spacer	2	62	1
76-3340	Link	2	61	1
76-3350	Spacer	2	53	1
76-3370	Bushing	2	58	1
76-3430	Rod	2	54	1
76-3470	Tube – Exhaust	23	8	1
76-3560	Clamp – Exhaust	23	41	1
76-8750	Plate – Caution	20	29	1
77-4580	Canopy – Center	19	*	1
77-4580	Canopy – Center	18	10	1
77-4690	Decal – 450D	18	5	2
77-4800	Cylinder – Steering	33	36	1
77-4820	Sender – Fuel	22	6	1
77-4830	Decal	4	5	1
77-4840	Speedometer	8	4	1
80-4840	Pipe – Air Intake	7	14	1
80-9330	Alarm – Audio	5	6	1
82-2710	Screw	17	35	1
82-2720	Frame – Seat	17	23	1
82-2730	Kit – Wear Parts	17	4	1
82-2740	Spring Set – Tension	17	5	1
82-2750	Assembly – Spindle Adj.	17	34	1
82-2760	Kit – Bushing	17	41	1
82-2770	Assembly – Shock Absorber	17	38	1
82-2790	Rail – Adjust. R.H.	17	21	1
82-2800	Cushion – Backrest	17	12	1
82-2810	Assembly – Switch	17	25	1
82-2820	Assembly – Swing Arm	17	20	1
82-2830	Clamp	17	37	2
82-2840	Cushion – Bottom	17	15	1
82-2850	Plate	17	1	1
82-2860	Spring Set – Tension	17	33	1
82-2870	Lever – Adjust	17	7	1
82-2880	Assembly – Weight Adj.	17	*	1
82-2920	Piston .05 0.25mm	41	*	1
82-2950	Kit – Eng. Overhaul, Gasket	36	*	1
82-2960	Engine – Complete	36	*	1
82-3110	Sender – Temp.	39	22	1
82-4910	Roller	23	22	8
82-5730	Rod Tie, End	34	15	1
82-5740	Nut – Jam	34	14	1
82-5750	Nut – Lock	34	12	1
82-5760	Piston	34	11	1
82-5770	Rod	34	2	1
82-5780	Cap – Threaded	34	1	1
82-5790	Head – Cap	34	5	1
82-5800	Kit – Repair, Seal	34	*	1
82-5890	Panel – Display	4	26	1
82-5930	Wire – Jumper	64	6	1
82-5940	Wire – Jumper	64	4	1
82-8700	Ring – Retaining	32	25	2
82-9210	Shaft – Pivot	33	42	1
82-9230	Harness – Wire, Ind. Lamp	64	1	2
82-9250	Stud – Threaded	24	1	2
82-9260	Assembly – Tie Rod	33	27	1
82-9270	Disc – 27 Hole	30	*	1
82-9280	Disc – 22 Hole	30	42	1
82-9290	Plate – Face, Instrument	8	3	1
82-9300	Panel W.A. – Instrument	8	11	1
82-9310	Panel – Display	4	25	1
82-9330	Bracket – Sensor	30	4	1
82-9340	Switch – Oil Level	16	10	1
82-9360	Rod – Latch	24	13	2
82-9370	Pad – Step	24	9	1
82-9540	Lift Arm No. 1	28	41	1
82-9550	No. 2 Lift Arm	27	12	1
82-9560	No. 3 Lift Arm	27	1	1
82-9570	Lift Arm No. 4	28	24	1
82-9580	Lift Arm No. 5	29	*	1
82-9600	Decal – R.H.	19	*	1
82-9610	Decal – L.H.	19	81	1
82-9620	Washer – Spring	17	26	2
82-9630	Nut	17	27	2
82-9640	Screw	17	24	2
82-9650	Nut	17	19	4
82-9660	Washer	17	18	4
82-9670	Nut	17	39	1
82-9680	Rivet	17	2	2
82-9690	Screw	17	17	4
82-9700	Screw	17	3	1
82-9710	Trim – Bottom	17	22	1
82-9720	Trim – Backrest	17	32	1
82-9730	Wire – Jumper	64	5	2
82-9740	Wire – Jumper, Gauges	64	7	1
82-9750	Assy. – Jumper, Seat	65	18	1
82-9760	Harness – Wiring, Gauges	65	7	1
82-9770	Harness – Wire, Glow Plugs	64	8	1
82-9780	Harness – Wire, Interlock	64	3	1
82-9790	Harness – Wiring, Valve	65	9	1
82-9800	Harness – Wire,	65	14	1
82-9810	Harness – Wiring, Traction	65	10	1
82-9820	Harness – Wire, Lgt. Cluster	64	2	1
82-9830	Harness – Wiring, Main	65	17	1
82-9840	Hose – Hydraulic	33	35	1
82-9841	Hose – Hydraulic	33	37	1
82-9850	Axle – Rear	33	6	1
82-9940	Harness – Wire, Horn	65	12	1
84-6000	Body – Lower	19	69	1
84-6200	Valve – Lift Control	10	15	1
84-6210	Cylinder – Complete	27	31	2
84-6210	Cylinder – Lift, Complete	29	*	3
84-6230	Assembly – Hose	60	33	1
84-6230	Assembly – Hose	61	33	1
84-6240	Assembly – Hose	60	4	1
84-6240	Assembly – Hose	61	4	1
84-6400	Orifice – .047 Dia.	13	*	2
84-6400	Orifice – .047 Dia.	10	3	2
84-6401	Orifice – .052 Dia.	13	*	1
84-6401	Orifice – .052 Dia.	10	4	1
84-6420	Plunger	13	37	2
84-6430	Plunger	13	29	1
84-6440	Shield – Grass	31	20	1
84-6450	Spring	13	19	1
84-6470	Bracket – Filter	9	32	1
84-6480	Plate – Decal	24	24	1
86-5990	Harness – Hyd. Filter	64	9	1
86-6000	Pump – Gear, Model 03700	53	15	1
86-6001	Pump – Gear, Model 03701	53	15	1
86-6010	Cover – Front	57	4	1
86-6020	Center S/A Section	57	8	1
86-6030	Port Section – Rear	57	13	1
86-6040	O-Ring	57	15	1
86-6050	Plug	57	16	1
86-6060	Center S/A Section	57	8	1
86-6070	Plate – Wear	57	7	2
86-6080	O-Ring Seal	57	12	2
86-6090	Assembly – Filter, Hyd. Oil	9	22	1
86-6100	Switch – Filter Warning	9	21	1
86-6110	Assembly – Element	9	11	1
86-6120	Decal – Towing	24	15	1
86-6130	Stud – Ball	19	84	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
86-6190	Gasket – Cylinder Head	41	30	1
86-6200	Guide – Valve	41	14	8
86-6210	Retainer – Upper	42	42	8
86-6220	Tappet	37	6	8
86-6220	Tappet	42	39	8
86-6230	Bolt	36	29	6
86-6240	Plug – Taper	36	28	3
86-6250	Plate – Front	36	36	1
86-6260	Case – Timing Gear	38	23	1
86-6270	Gasket	40	24	1
86-6280	Assembly – Crankshaft	37	19	1
86-6280	Assembly – Crankshaft	40	25	1
86-6290	Assembly – Idler, Gear	38	9	1
86-6300	Bushing	38	18	1
86-6310	Gear – Injector Pump	38	15	1
86-6320	Shaft	39	12	1
86-6330	Pipe	39	17	1
86-6340	Impeller	39	19	1
86-6350	Ring – Retaining	39	53	1
86-6360	Washer	39	52	1
86-6370	Spacer	39	51	1
86-6380	Washer	46	34	3
86-6390	Stud	46	36	3
86-6430	Assembly – Cover, Rear	52	12	1
86-6440	Assembly – Rectifier	52	13	1
86-6450	Diode	65	24	1
86-6520	Switch – Temp. Warning	41	1	1
86-6610	Bolt – Inlet	48	18	1
86-6620	Bolt	48	16	1
86-6630	Seal – Rubber	48	15	1
86-6640	Seal O-Ring	48	14	1
86-6650	Bolt – Outlet	47	16	1
86-6660	Joint	48	17	1
86-6670	Tube – Fuel	48	19	1
86-6680	Assembly – Lever	47	*	1
86-6680	Nut	47	25	1
86-6690	Lever	47	19	1
86-6700	Bushing	47	18	1
86-6710	Arm	47	20	1
86-6720	Washer	47	22	1
86-6730	Spring	47	21	1
86-6740	Guide	47	23	1
86-6750	Washer	47	17	2
86-6760	Guide	47	1	1
86-6770	Screw	47	24	1
86-6790	Washer	47	26	1
86-6800	Bolt	47	28	1
86-6810	Assembly – Pipe	47	29	1
86-6820	Bolt	47	27	2
86-6960	Tank – Fuel	22	17	1
88-6760	Spring – Gas	18	34	2
92-2951	Rail – Adjust. L.H.	17	16	1
92-2952	Lining – Foam	18	15	1
92-2953	Lining – Foam	18	29	1
92-2954	Foam – Panel, Rear	18	16	1
92-2962	Grommet	19	85	2
92-2964	Canopy – Rear	19	*	1
92-2964	Canopy – Rear	18	12	1
92-2973	Shield – Radiator	21	11	1
92-2974	Strip – Mount	21	6	2
92-2975	Strip – Mount	21	5	2
92-2976	Foam – Shield R.H.	21	2	1
92-2977	Foam – Shield L.H.	21	3	1
92-2978	Foam – Shield Front	21	1	1
92-2979	Block – Radiator	21	12	2
92-2980	Shield – Neoprene	21	10	1
92-2981	Shield – Neoprene	21	9	1
217-116	Rim (Used on Model 03700)	33	14	2
218-446	Nut – Switch	8	15	1
218-447	Washer – Lock, Switch	8	16	1
218-498	Nut – Hex.	5	12	2
218-498	Nut – Hex.	8	13	2
219-17	Bulb – Light	5	*13	8
2116-3	Joint – Ball, L.H.	33	*	1
2116-4	Joint – Ball, R.H.	33	23	1
232-27	Stem – Valve	33	19	2
233-10	Knob	10	19	1
233-25	Knob	9	15	1
233-39	Knob	10	1	3
237-21	O-Ring	30	1	2
237-21	O-Ring	10	11	1
237-21	O-Ring	7	27	5
237-22	O-Ring	60	3	31
237-22	O-Ring	61	3	31
237-22	O-Ring	30	6	2
237-22	O-Ring	4	9	4
237-22	O-Ring	58	12	22
237-22	O-Ring	53	18	2
237-22	O-Ring	27	27	2
237-22	O-Ring	10	30	15
237-22	O-Ring	28	38	3
237-22	O-Ring	33	38	2
237-30	O-Ring	53	23	1
237-30	O-Ring	53	35	1
237-30	O-Ring	58	50	1
237-42	O-Ring	60	1	7
237-42	O-Ring	61	1	7
237-42	O-Ring	53	3	1
237-42	O-Ring	30	8	2
237-42	O-Ring	7	10	5
237-42	O-Ring	27	25	2
237-42	O-Ring	10	32	11
237-42	O-Ring	11	61	1
237-42	O-Ring SAE	28	36	3
237-58	O-Ring	30	15	4
237-58	O-Ring	53	21	3
237-65	O-Ring	25	2	3
237-65	O-Ring	62	3	26
237-65	O-Ring	28	4	9
237-65	O-Ring	53	7	1
237-65	O-Ring	7	17	1
237-65	O-Ring	10	45	9
237-78	O-Ring	33	40	2
237-78	O-Ring	10	27	1
237-79	O-Ring	4	7	4
237-79	O-Ring	58	17	1
237-79	O-Ring	53	25	3
237-79	O-Ring	11	58	2
237-80	O-Ring	25	4	3
237-80	O-Ring	60	14	1
237-80	O-Ring	53	37	1
237-80	O-Ring	10	43	9
237-80	O-Ring	7	46	1
237-80	O-Ring SAE	28	6	6
237-81	O-Ring	62	1	10
237-81	O-Ring	53	9	3
237-81	O-Ring	30	13	4
237-100	Grommet	65	4	1
237-114	O-Ring	55	45	2
237-118	O-Ring	30	11	4
237-123	O-Ring	9	25	2
237-123	O-Ring	10	39	1
237-146	O-Ring	53	29	1
240-9	Grommet	22	30	3
2410-18	Plug	67	2	1
2411-44	Rod End – Ball Joint	2	52	1
2412-7	Assembly – Clamp	33	25	2
2412-31	Clip	9	12	1
2412-36	Hose – Clamp	22	2	4
2412-42	Clamp	7	2	4
2412-74	Clamp-R	65	25	1
2412-102	R-Clamp	16	34	2
2412-106	Clamp – R	22	32	7
2412-109	Clip	65	3	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
2412-131	Clamp-R	65	21	3
2412-132	Clamp	58	18	1
250-1	Cable - Tie	9	38	1
250-1	Tie - Cable	65	2	4
252-66	Bearing - Thrust	31	15	1
252-71	Race - Thrust	31	14	1
254-72	Cup - Bearing, Outer	33	10	2
254-92	Cone - Bearing, Outer	33	11	2
254-106	Cone - Bearing, Inner	33	21	2
254-107	Cup - Bearing, Inner	33	20	2
256-304	Washer - Thrust	33	4	4
281-2	Plug	20	5	1
281-7	Plug	39	28	1
283-67	Pin - Clevis	30	38	4
2812-1	Bushing - Pipe	22	4	2
302-5	Fitting - Grease	24	16	2
302-5	Fitting - Grease	28	20	3
302-5	Fitting - Grease	33	44	4
302-33	Fitting - Grease	33	24	2
302-66	Fitting - Grease	12	24	1
304-46	Plug - Drain	20	14	1
321-3	Screw - Cap Hex Hd.	11	64	2
321-3	Screw - Cap Hex. Hd.	22	34	3
321-5	Screw	22	9	2
321-10	Screw- Cap Hex. Hd.	11	71	2
321-14	Screw - Cap Hex. Hd.	62	23	4
322-2	Screw - Cap Hex. Hd.	24	18	2
322-3	Screw - Cap Hex. Hd.	30	2	6
322-3	Screw - Cap Hex. Hd.	4	13	1
322-3	Screw - Cap Hex. Hd.	20	24	2
322-4	Screw - Cap Hex. Hd.	3	10	2
322-4	Screw - Cap Hex. Hd.	19	60	2
322-6	Bolt	9	29	2
322-9	Bolt	10	29	1
322-12	Bolt	28	1	4
322-12	Bolt	10	7	4
322-12	Screw - Cap Hex Hd.	25	1	2
323-4	Bolt	9	14	3
323-6	Screw - Cap Hex. Hd.	35	29	4
323-7	Screw - Cap Hex. Hd.	35	28	4
323-8	Screw - Cap Hex. Hd.	4	23	4
323-13	Bolt	28	25	9
323-13	Bolt	27	34	6
323-18	Bolt	30	16	4
323-18	Screw - Cap Hex. Hd.	23	12	2
323-20	Bolt	30	27	4
325-2	Screw - Cap Hex. Hd.	24	22	2
325-5	Bolt	53	17	2
325-8	Screw - Cap Hex. Hd.	2	50	1
325-9	Bolt	1	12	1
325-17	Bolt	27	3	2
327-3	Bolt	30	20	16
3211-6	Screw - Cap Hex. Hd.	2	56	1
3213-2	Bolt	53	14	4
3213-20	Bolt	35	19	2
3217-5	Nut - Hex.	21	7	14
3217-5	Nut - Hex.	22	11	4
3217-5	Nut - Hex.	11	66	2
3217-6	Nut	4	11	1
3217-6	Nut - Hex	25	8	2
3217-6	Nut - Hex.	10	24	5
3217-6	Nut - Hex.	9	41	2
3217-6	Nut - Hex.	29	54	4
3217-7	Nut - Hex.	35	31	8
3217-9	Nut - Hex.	1	16	2
3217-29	Nut - Hex.	1	31	2
3219-5	Nut - Hex.	1	20	1
3219-5	Nut - Hex.	30	23	18
3220-11	Nut - Hex.	7	28	5
3234-12	Screw - Hex. Flange Hd.	33	1	2
3234-13	Screw - Flange, Hex. Hd.	18	27	15
3245-44	Screw - Set	11	73	1
3245-45	Screw - Set	11	75	2
3246-17	Screw - Set	66	10	2
3247-10	Screw - Set	30	22	4
3250-18	Screw - Mach. Pan Hd.	8	24	2
3250-25	Screw - Pan, Phil. Hd.	18	43	4
3250-31	Screw	22	7	5
3250-31	Screw - Pan, Phil Hd.	19	65	10
3250-40	Screw	1	27	2
3251-1	Screw - Pan Hd.	5	9	1
3251-4	Screw - Pan Hd.	5	7	4
3252-16	Screw	16	15	6
3253-2	Washer - Lock	22	8	5
3253-2	Washer - Lock	18	24	4
3253-2	Washer - Lock	18	44	4
3253-3	Washer - Lock	21	8	14
3253-3	Washer - Lock	22	31	4
3253-3	Washer - Lock	11	65	2
3253-4	Washer - Lock	30	3	6
3253-4	Washer - Lock	25	7	2
3253-4	Washer - Lock	3	11	2
3253-4	Washer - Lock	4	12	1
3253-4	Washer - Lock	10	14	5
3253-4	Washer - Lock	24	19	2
3253-4	Washer - Lock	20	25	6
3253-4	Washer - Lock	9	40	2
3253-4	Washer - Lock	39	50	2
3253-4	Washer - Lock	29	53	4
3253-5	Washer - Lock	30	17	4
3253-5	Washer - Lock	4	22	4
3253-5	Washer - Lock	35	30	8
3253-5	Washer - Lock	1	33	2
3253-5	Washer - Lock	9	37	3
3253-7	Washer - Lock	53	13	6
3253-7	Washer - Lock	35	20	2
3253-7	Washer - Lock	24	23	2
3253-15	Washer - Lock	16	7	6
3253-19	Washer - Lock	12	13	2
3255-5	Washer - Lock	39	49	1
3255-8	Washer - Lock	35	24	2
3255-9	Washer - Lock	35	25	1
3255-24	Washer - Lock	1	30	2
3256-1	Washer - Flat	4	29	4
3256-3	Washer - Flat	27	9	6
3256-3	Washer - Flat	9	18	3
3256-3	Washer - Flat	23	40	2
3256-3	Washer - Flat	30	40	4
3256-3	Washer - Flat	29	51	9
3256-4	Washer - Flat	23	38	2
3256-7	Washer - Flat	23	4	4
3256-13	Washer - Flat	12	20	2
3256-16	Washer - Flat	22	10	2
3256-16	Washer - Flat	3	14	3
3256-16	Washer - Flat	62	20	4
3256-16	Washer - Flat	18	39	1
3256-16	Washer - Flat	7	49	16
3256-22	Washer - Flat	9	7	1
3256-22	Washer - Flat	22	33	3
3256-22	Washer - Flat	11	70	2
3256-23	Washer	28	7	4
3256-23	Washer - Flat	25	6	2
3256-23	Washer - Flat	10	13	5
3256-23	Washer - Flat	9	39	4
3256-24	Washer	1	34	2
3256-24	Washer - Flat	4	21	4
3256-24	Washer - Flat	16	35	4
3256-24	Washer - Flat	11	76	2
3256-25	Washer - Flat	20	16	2
3256-26	Washer - Flat	53	12	6
3256-26	Washer - Flat	27	16	2
3256-26	Washer - Flat	2	51	1
3256-27	Washer - Flat	22	20	4
3256-27	Washer - Flat	30	41	16

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3256-28	Washer – Flat	33	18	2
3256-45	Washer – Flat	2	57	2
3256-68	Washer	25	10	A/R
3256-71	Washer – Flat	20	23	4
3256-76	Washer – Flat	2	59	2
3256-467	Clip	19	72	1
3258-19	Screw – Machine	15	6	2
3272-6	Pin – Cotter	30	35	4
3272-11	Pin – Cotter	16	4	2
3272-12	Pin – Cotter	33	29	4
3272-13	Pin – Cotter	33	15	2
3274-7	Bolt	1	32	2
3274-10	Screw – Cap Soc. Hd.	20	26	4
3274-54	Screw – Cap Soc. Hd.	22	15	4
3274-68	Screw – Hex. Button Hd.	4	28	4
3274-68	Screw – Mach.	8	2	4
3274-90	Screw	8	23	4
3290-250	Pin – Hair, Cotter	16	6	2
3290-271	Rivet – Pop	20	30	2
3290-321	Screw – Mach. Washer Hd.	18	23	4
3290-355	Pin – Cotter, Hair	22	23	5
3290-355	Pin – Cotter, Hair	18	26	2
3290-378	Tie – Cable	65	1	7
3290-378	Tie – Cable	65	8	12
3290-467	Clip	19	70	1
3290-482	Washer	1	17	2
3290-483	Washer	1	11	3
3296-6	Nut – Lock	2	63	1
3296-8	Nut – Lock	62	19	4
3296-8	Nut – Lock	11	68	2
3296-13	Nut – Hex.	9	10	1
3296-17	Nut – Lock	30	33	4
3296-19	Nut – Lock	2	37	1
3296-21	Washer – Flat	19	73	10
3296-23	Nut – Lock	27	5	2
3296-25	Nut – Lock	2	55	1
3296-29	Nut – Lock	19	62	2
3296-39	Nut – Lock	28	13	9
3296-39	Nut – Lock	27	37	6
3296-39	Nut – Lock	23	39	2
3296-42	Nut – Lock	8	22	4
3296-42	Nut – Lock	4	30	4
3296-49	Nut – Lock	33	32	1
32102-3	Nut – Wing	67	4	1
32107-11	Nut – Square	15	5	2
32107-11	Nut – Square	22	18	4
32121-11	Pin – Roll	2	60	2
32121-44	Pin – Roll	34	16	1
32121-118	Pin – Roll	10	26	2
32122-54	Screw – Mach. Slot. Hd.	67	1	1
32136-2	Nut – Castle	33	30	2
32136-5	Nut – Castle	33	17	2
32136-13	Nut – Castle	33	31	2
32151-10	Ring – Retaining	33	3	2
32151-13	Ring – Retaining	31	19	1
32151-29	Ring – Retaining	31	13	2
3390-355	Clip – Retaining	16	1	1
340-2	Adapter	27	26	2
340-2	Fitting	30	7	2
340-2	Fitting	53	19	1
340-2	Fitting	10	31	8
340-3	Fitting	58	16	1
340-3	Fitting	53	34	1
340-3	Fitting	11	57	2
340-4	Fitting	53	24	1
340-7	Fitting	28	5	2
340-7	Fitting	10	44	6
340-7	Fitting – Straight	25	3	3
340-8	Fitting	53	8	1
340-8	Fitting – Adapter	62	2	10
340-9	Fitting	30	14	2
340-9	Fitting	53	22	1
340-10	Adapter	9	33	1
340-11	Fitting	30	44	2
340-11	Fitting – Long	53	20	1
340-15	Fitting 90°	53	30	1
340-17	Fitting	11	48	2
340-17	Fitting	29	49	1
340-18	Fitting	4	8	4
340-22	Fitting – Tee	28	3	2
340-23	Fitting	58	20	1
340-62	Kit – Flange	53	11	1
340-64	O-Ring	9	31	1
340-64	O-Ring	10	37	1
340-65	O-Ring	9	27	1
340-65	O-Ring	58	43	2
340-68	Fitting – Tee	60	24	3
340-68	Fitting – Tee	58	26	2
340-70	Nut – Lock, Bulkhead	58	31	3
340-70	Nut – Lock, Bulkhead	60	38	8
340-71	Fitting	58	13	2
340-71	Fitting – Adapter	60	26	4
340-72	Fitting – Adapter 90°	62	17	4
340-74	Nut – Lock, Bulkhead	62	45	7
340-76	Fitting – Adapter	62	28	3
340-77	Elbow – 90°	11	69	1
340-77	Fitting	28	37	3
340-77	Fitting – Adapter 90°	60	2	4
340-77	Fitting – Adapter 90°	61	2	4
340-78	Nut – Lock, Bulkhead	58	53	1
340-80	Adapter	9	26	1
340-80	Fitting	10	38	1
340-86	Tee	11	52	2
340-87	Adapter – 45°	60	28	1
340-87	Adapter – 45°	62	40	1
340-89	Fitting – Adapter 45°	60	12	1
340-89	Fitting 45°	53	36	1
340-90	Fitting	30	43	2
340-92	Fitting	10	10	1
340-93	Fitting – Tee	28	14	1
340-97	Fitting – Hydraulic	33	39	1
340-110	Adapter – 90°	58	46	1
340-115	Adapter – Tee	58	47	1
353-947	Cap – Dust	53	1	1
353-947	Cap – Dust	7	8	5
353-947	Cap – Dust	11	63	1
353-948	Plug	30	10	2
353-949	O-Ring	30	18	2
354-85	Fitting – Diagnostic	53	2	1
354-86	Elbow – 90	53	4	1

*Not Illustrated

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 450D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame near the floor plate on R.H. side. In any correspondence concerning the Reelmaster 450D, 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 450D.
2. Part number, description, and the quantity of part(s) desired.

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

TABLE OF CONTENTS

Description	Page
Foot Rest & Pedal Assembly	1–2
Foot Pads & Battery	3
Steering Tower	4
Steering Tower – Electrical Assembly	5
Power Steering Valve Assembly No. 74–2720	6
Fenders & Center Console Assembly	7
Instrument Panel	8
Parking Brake, Throttle & Oil Filter Assembly	9
Valve Controls	10–11
Reel Control Valve Assembly No. 63–4800	12
Control Valve Assembly 84–6200	13
Priority Flow Control Valve Assy. No. 58–5490 & 58–5491	14
Air Cleaner Assembly	15
Seat Platform & Filler Cap Assembly	16
Suspension Seat Assembly	17
Front & Rear Canopy Assembly	18–19
Radiator & Oil Cooler Assembly	20
Radiator Shield Assembly	21
Fuel Tank Assembly	22
Chassis & Muffler Assembly	23
Front Carrier Assembly	24
Push Rod Assembly	25
Reel Shut–Off Valve No. 58–5460	26
No. 2 & 3 Lift Arms Assembly	27
No. 1, 4 & 5 Lift Arms Assembly	28–29
Traction Drive Assembly	30
Wheel Motor No. 58–5430	31
Planetary Gear Drive Assembly	32
Steering Axle	33
Hydraulic Cylinder No. 77–4800	34
Engine Installation Assembly	35
Crankcase Assembly	36
Short Block Assembly No. 82–2910	37
Timing Gear & Case Components	38
Water Pump & Thermostat Housing Assembly	39
Crankshaft & Flywheel Housing Components	40
Cylinder Head & Piston Components	41
Valve, Camshaft & Oil Pump Components	42
Oil Pan & Oil Filter	43
Inlet & Exhaust Manifold	44
Injection Pump & Nozzle Components	45–46
Fuel Injection Pump No. 60–5100	47–48
Fuel Filter Assembly No. 60–5010	49
Electrical Component Parts	50
Starter Motor Assembly No.51–7590	51
Alternator Assembly No. 60–5420	52
Hydraulic Pump Connections	53
Gear Pump Assembly No. 58–5650	54
Piston Pump Assembly 58–5660	55–56
Pump Assembly No. 58–5510 & 58–5511	57
Hydraulic Circuit – Traction & Steering	58
Hydraulic Schematic – Traction & Steering	59
Hydraulic Circuit – Lift Arms	60
Hydraulic Schematic – Lift Arms	61
Hydraulic Circuit – Cutting Units	62
Hydraulic Schematic – Cutting Units	63
Electrical Schematic	64
Electrical System Diagram	65
Reel Motor Assembly	66
Special Tools	67
Numerical Index	68–80

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								

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

Litho in U.S.A.