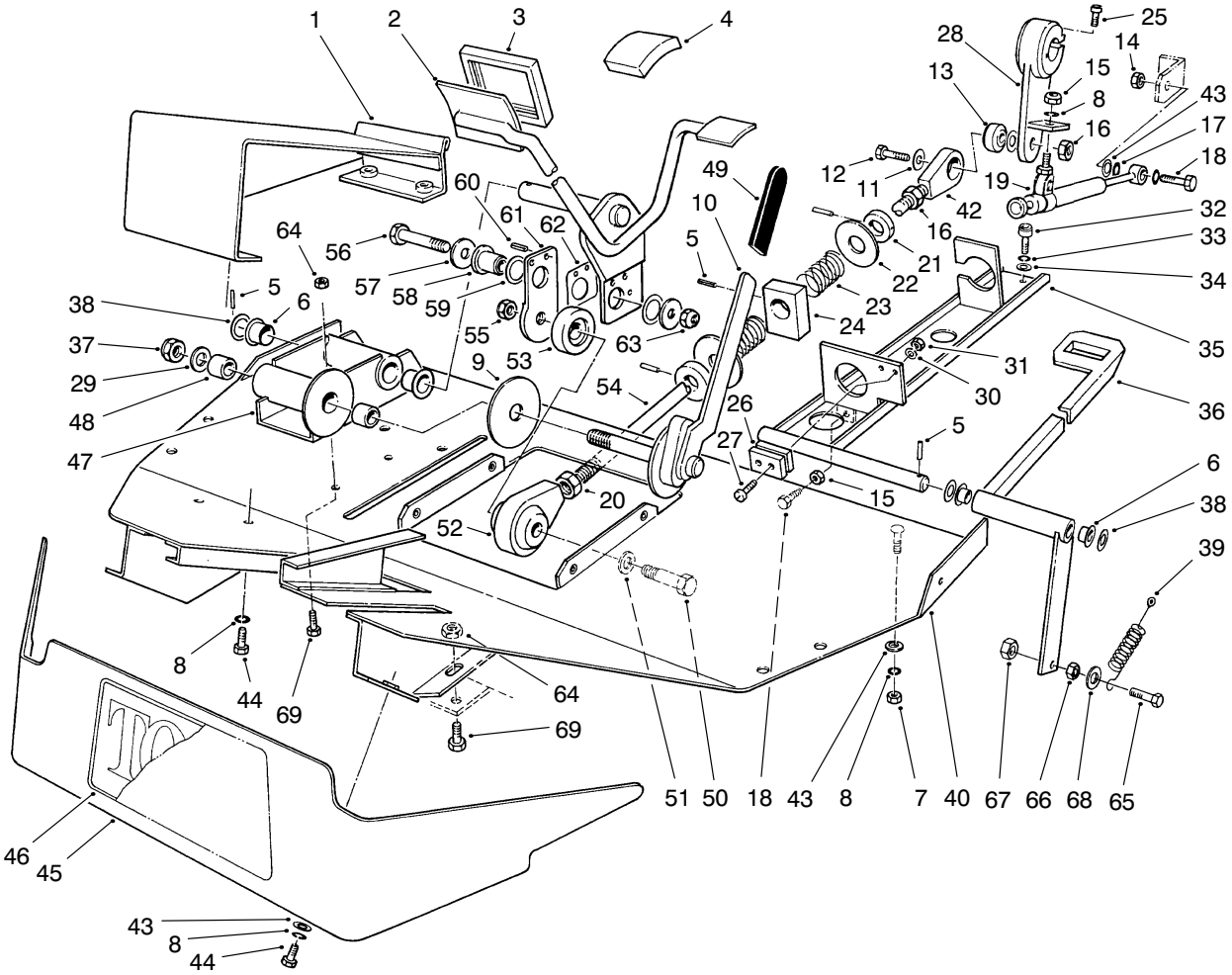
FORM NO. 3318−315 REV A

TORO®

MODEL NO. 03702−60001 & UP
MODEL NO. 03702TE−60001 & UP

PARTS CATALOG

REELMASTER® 4500D 2wd
Traction Unit



T−0113A

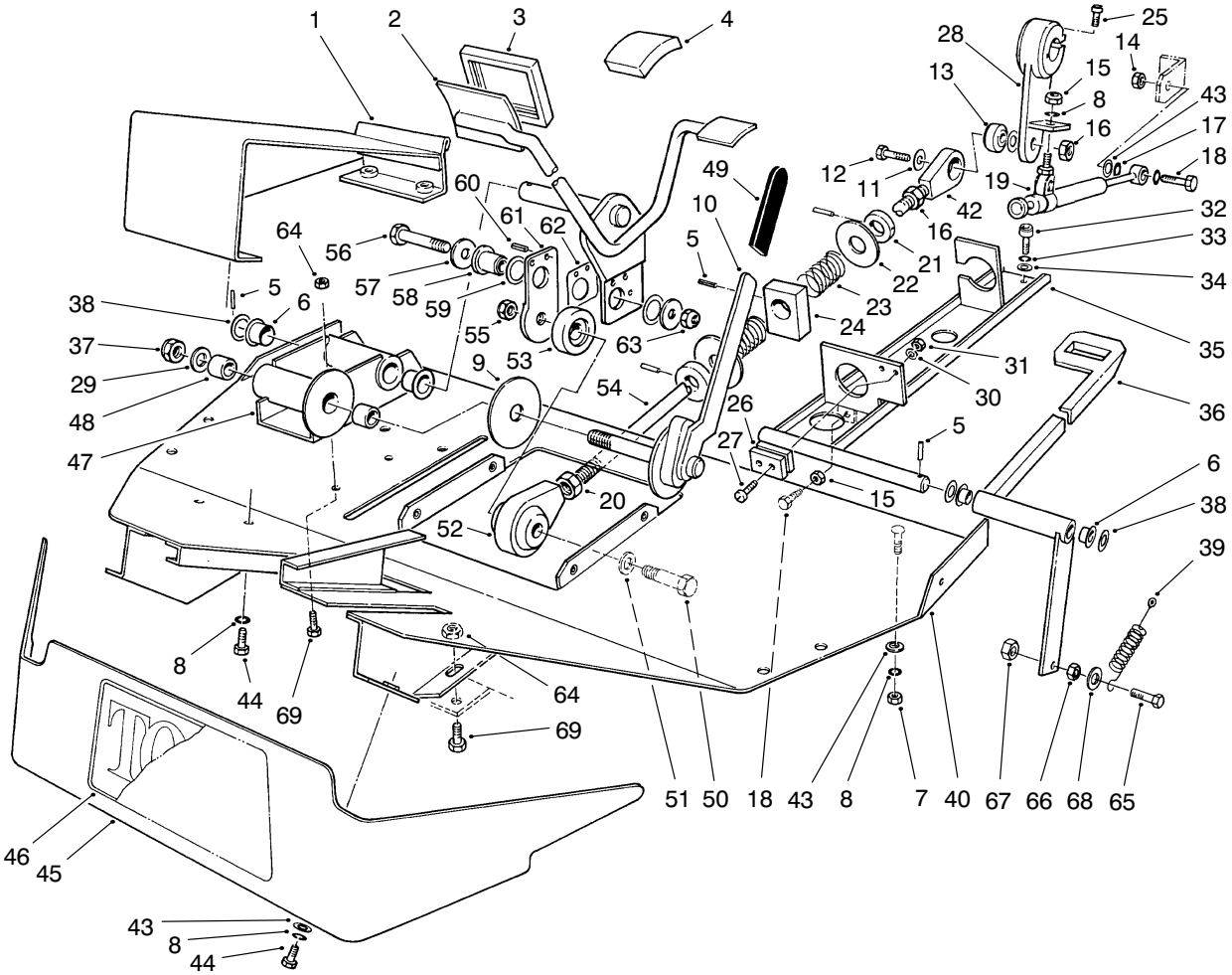
FOOT REST & PEDAL ASSEMBLY

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.	3
8	42−9850	Washer − Lock	11
9	3−2858	Disc − Friction	1
10	60−1130	Lever	1
11	3290−483	Washer	3
12	325−9	Screw − HH	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

Ref. No.	Part No.	Description	No. Used
17	3290−482	Washer	2
18	60−6760	Screw	3
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	3274−89	Screw − Socket Head	1
26	29−6163	Switch	2
27	3250−40	Screw − Slotted Pan Head	2
28	92−9210	Lever Pump	1
29	60−6990	Washer	1
30	3255−24	Washer − Lock	2
31	3217−29	Nut − Hex.	2
32	3274−7	Screw − Socket Head	2

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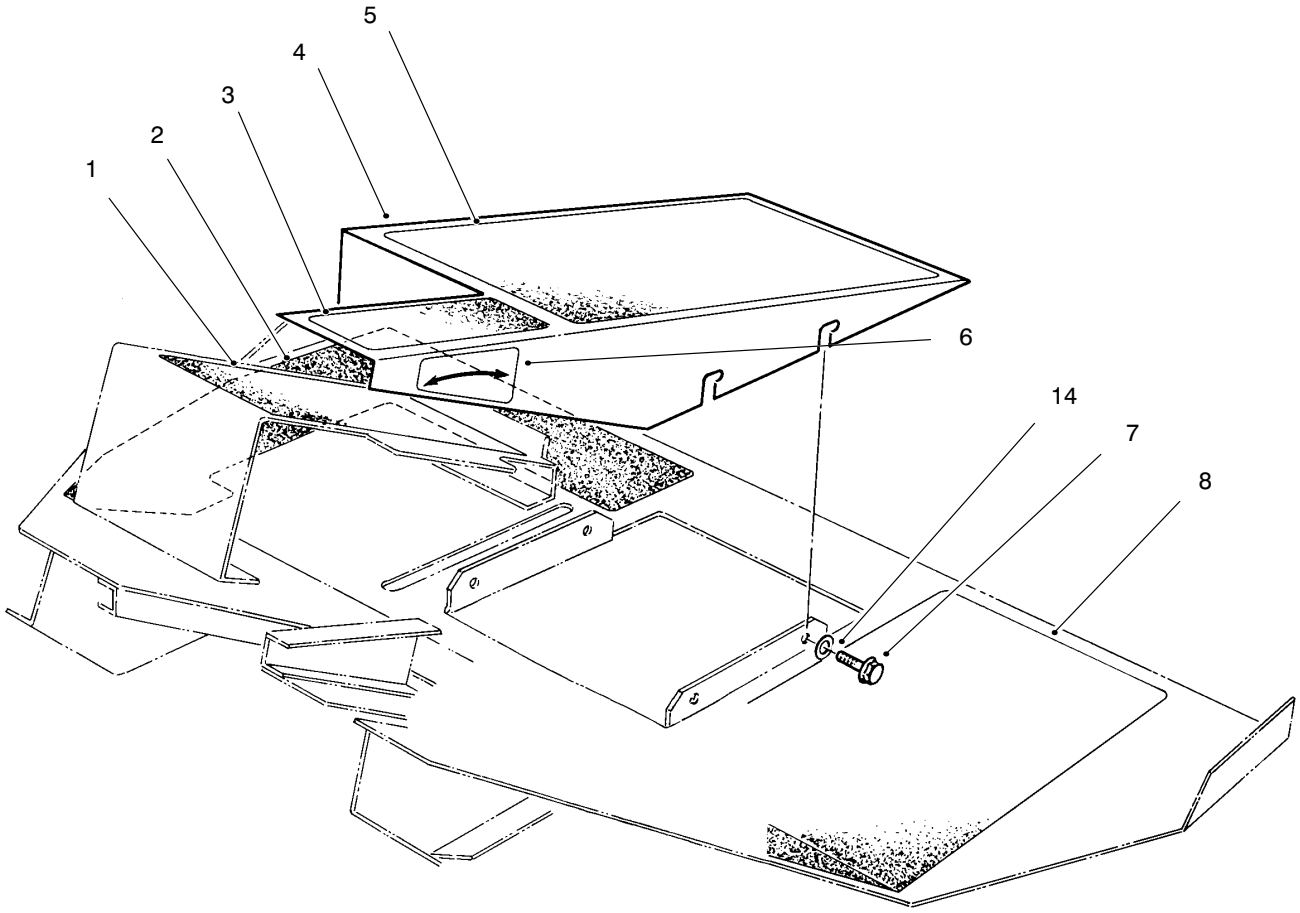
TPS



FOOT REST & PEDALS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
33	3253−5	Washer − Lock	2
34	3256−24	Washer	2
35	60−0730	Bracket − Lock, Neutral	1
36	92−9228	Lever − Neutral Lock	1
37	3296−19	Nut − Lock	1
38	60−6740	Washer	3
39	92−9221	Cable − Spring	1
40	92−4730	Plate − Floor	1
42	60−0760	Clevis	1
43	48−8030	Washer	9
44	66−3160	Screw	7
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 − HH	1
51	3256−26	Washer − Flat	1

Ref. No.	Part No.	Description	No. Used
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 − HH	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
64	32128−20	Nut − Flange	4
65	322−6	Screw − HH	1
66	3218−2	Nut − Jam	1
67	3296−29	Nut − Lock	1
68	3256−3	Washer − Flat	1
69	3234−5	Screw − Flange Hex. Hd.	4



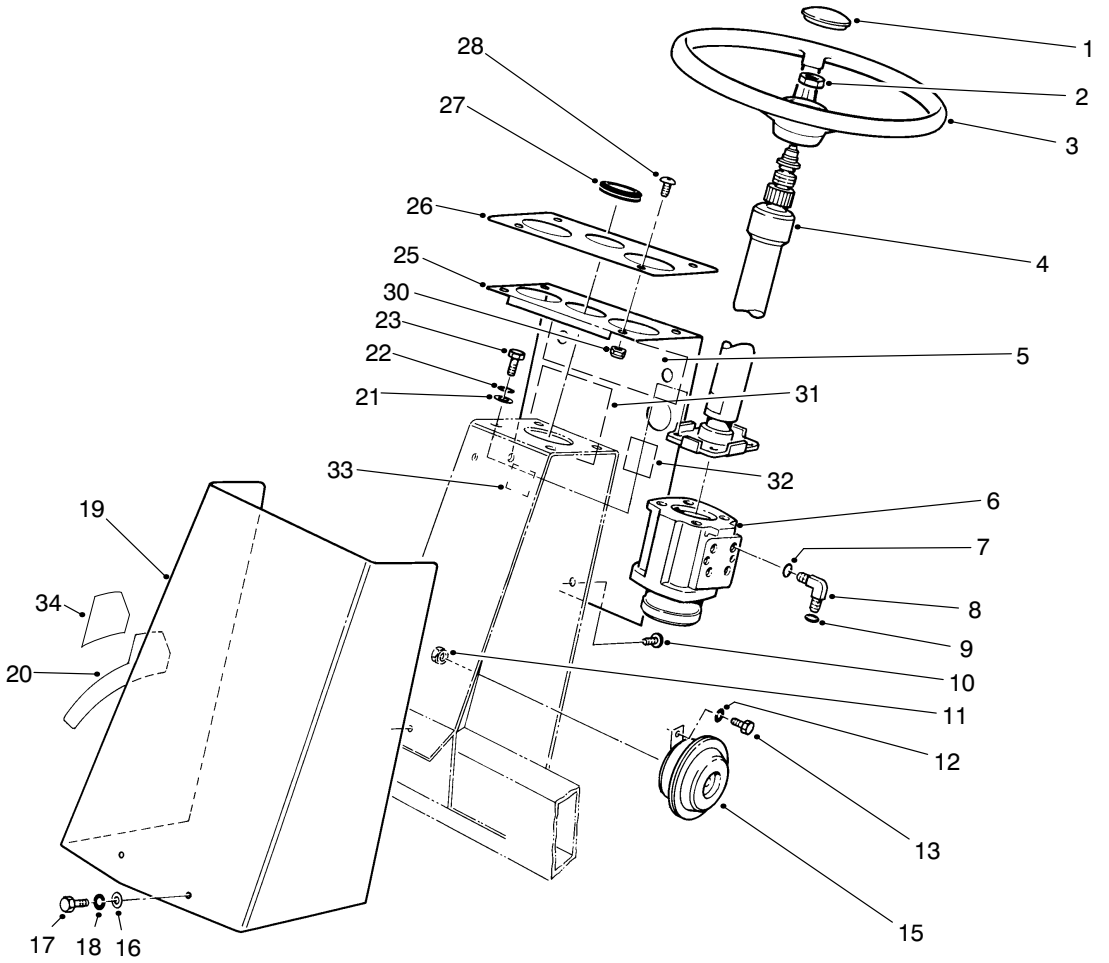
T−0114

FOOT PADS

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	Asm−Foot Rest	1
5	58−6630	Foot Pad − Center	1

Ref. No.	Part No.	Description	No. Used
6	59−7960	Decal − Latch	1
6	93−9409	Decal − Latch (Europe)	1
7	48−7620	Screw	3
8	58−6620	Foot Pad − L.H.	1
14	3256−16	Washer − Flat	3

†Obtain Locally

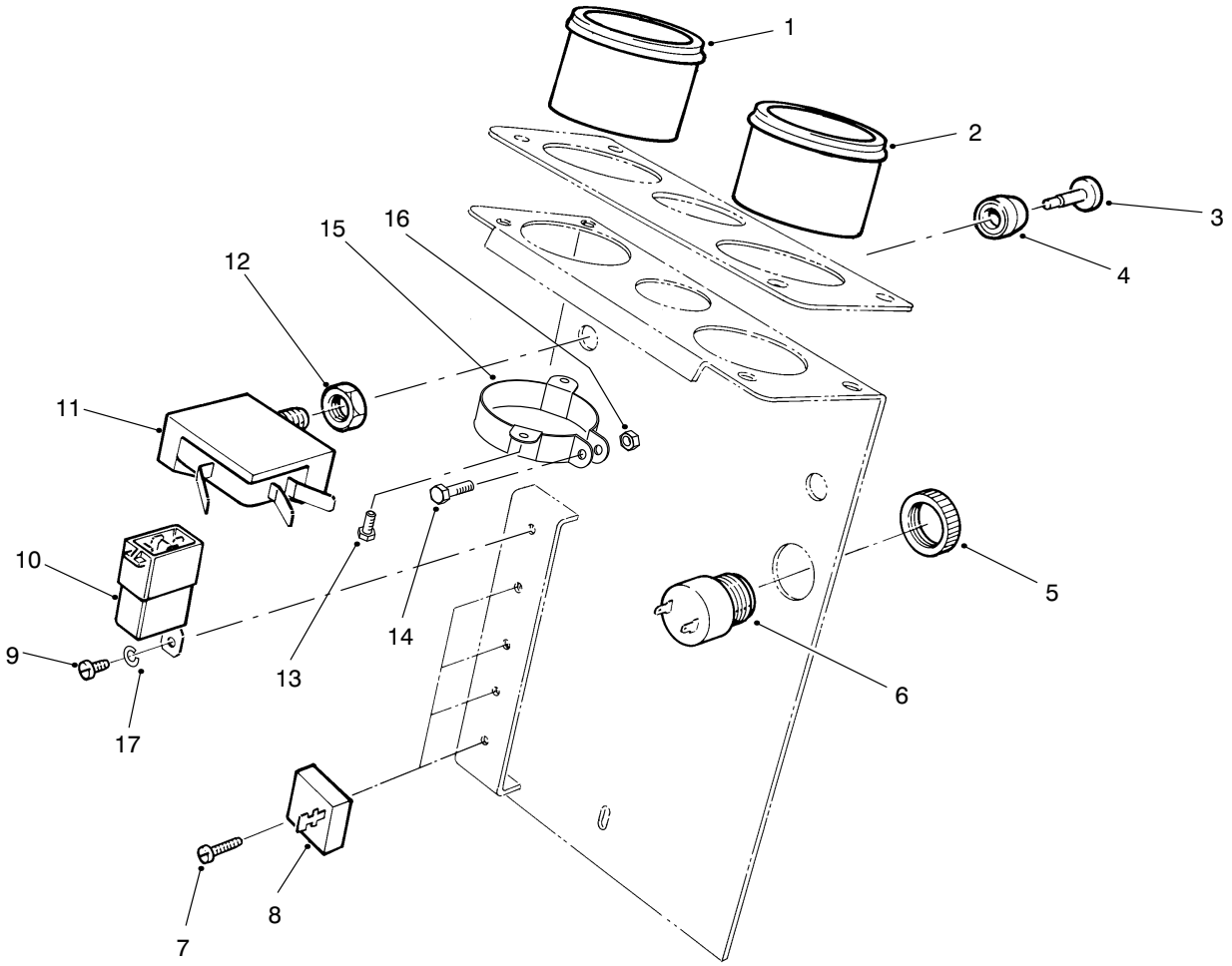


STEERING TOWER ASSEMBLY

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
5	93−9399	Decal − Noise (Europe)	1
6	92−9220	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 − HH	1
15	48−4590	Horn	1
16	48−8010	Washer	2
17	48−7610	Screw − HH	2
18	43−5930	Washer − Lock	2

Ref. No.	Part No.	Description	No. Used
19	58−0500	Cover	1
20	63−4540	Decal − Ground Speed	1
*	93−9397	Decal − Ground Speed (Europe)	1
21	3256−24	Washer − Flat	4
22	3253−5	Washer − Lock	4
23	323−8	Screw − HH	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
30	3296−42	Nut − Lock	4
31	92−5524	Decal − Noise Rating, 90 (Europe)	1
32	63−9920	Decal − EEC 105	1
33	93−7252	Decal − CE Mark	1
34	93−9427	Decal − 5 Blade Clip (For use on 5 Blade Reels) (Europe)	1

*Not Illustrated



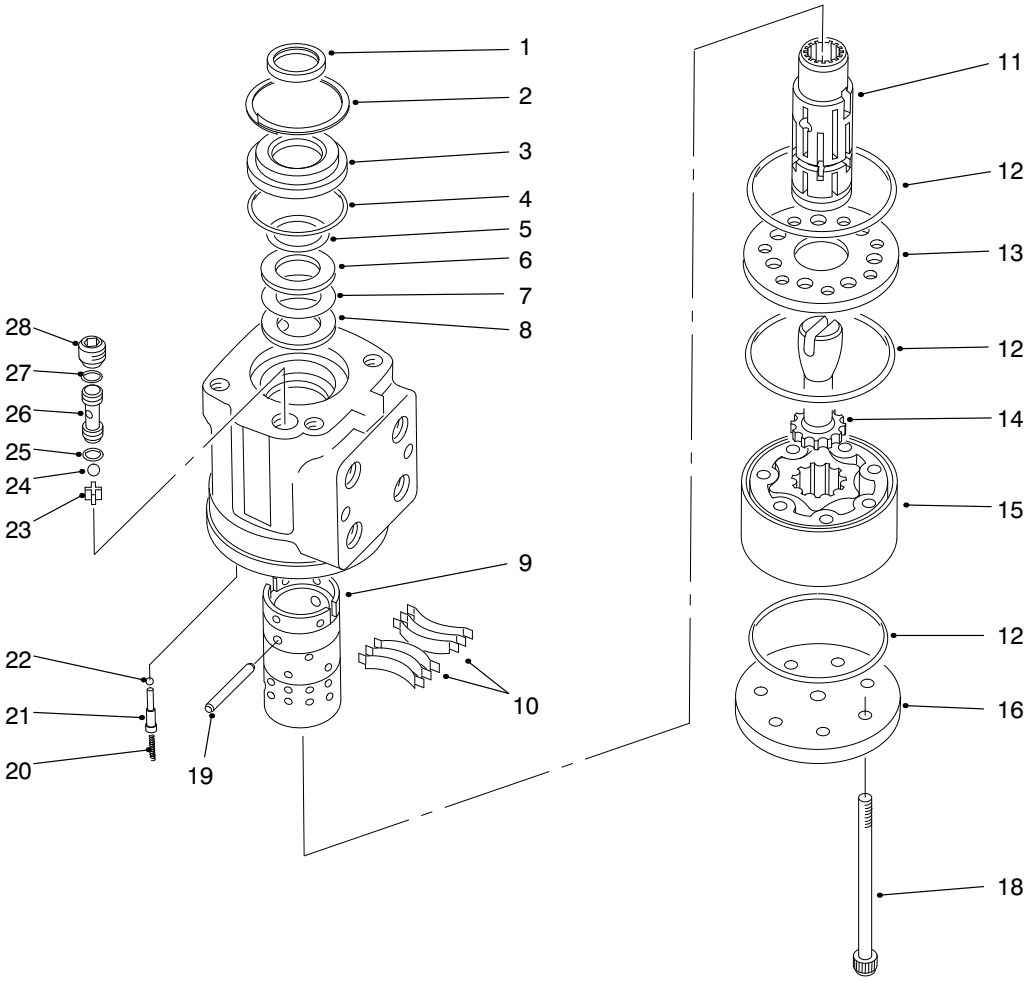
T−0122A

STEERING TOWER ELECTRICAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−1434	Cluster − Warning Lights	1
2	93−1435	Cluster − Warning Lights	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

Ref. No.	Part No.	Description	No. Used
10	63−7590	Relay	1
11	94−8288	Switch (Incl. Ref #3, 4, &12)	2
12	218−498	Nut − Hex.	2
13	32144−19	Screw − HH	4
14	32105−12	Screw − HH	2
15	69−4780	Clamp − Gauge	2
16	3296−2	Nut − Hex.	2
17	3253−2	Washer − Lock	1
*	219−17	Bulb − Warning Light	8

†Not Serviceable Separately
*Not Illustrated

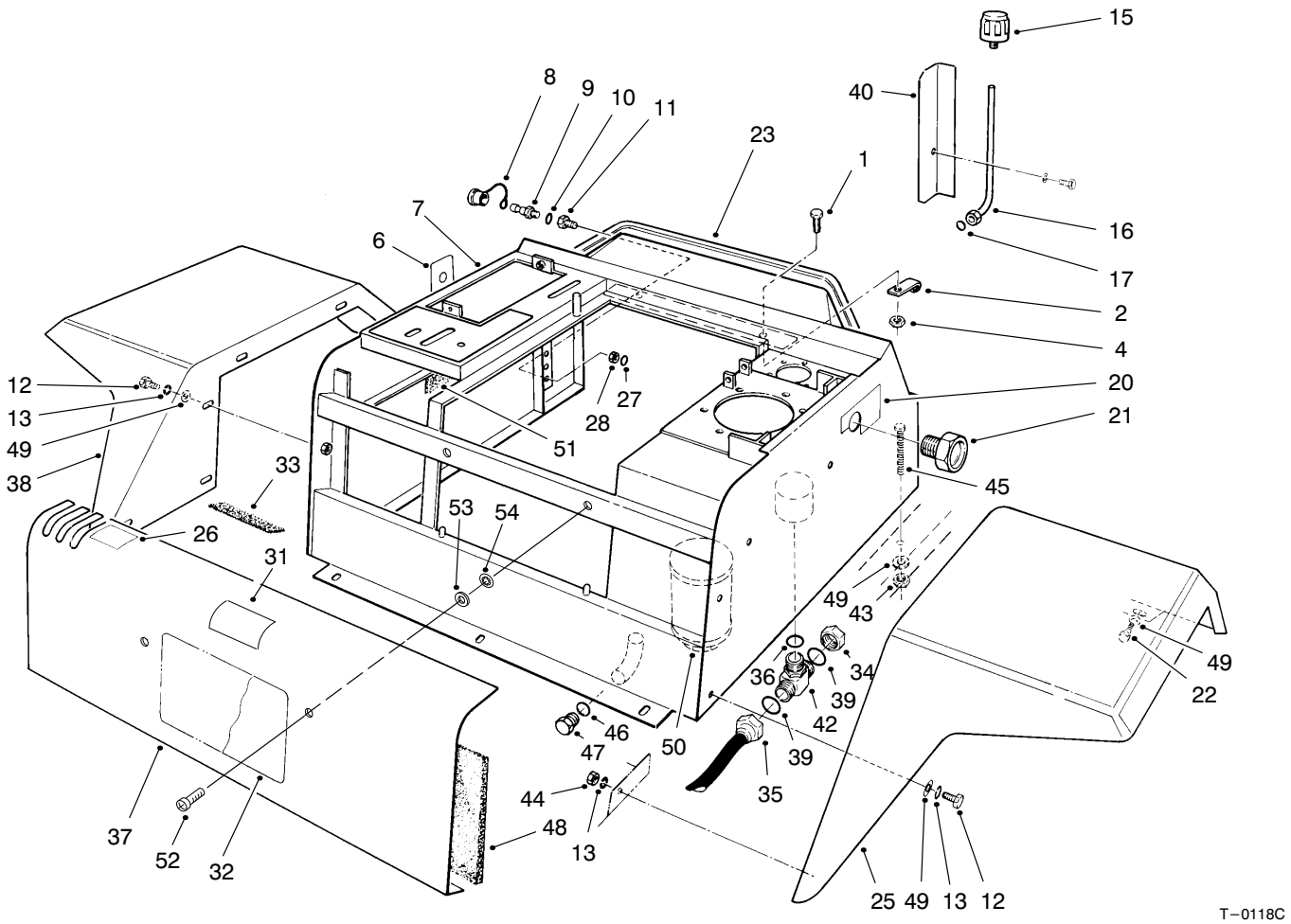


POWER STEERING VALVE ASSEMBLY NO. 92−9220

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	92−9732	Plate − Spacer	1
14	59−6860	Drive	1
15	59−6870	Gerotor	1
16	92−9730	Cap − End	1
18	92−9733	Screw − HH	7

Ref. No.	Part No.	Description	No. Used
19	59−6830	Kit − Pin, Centering	1
20	74−3090	Spring	2
21	92−9737	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
*	92−9749	Kit − Seal (Incl. Ref. #1, 4, 5, 12, 25 & 27)	1
*	92−9747	Kit − End Cap (Incl. Ref. #13, 16, & 18)	1

*Not Illustrated
†Not Serviceable Separately

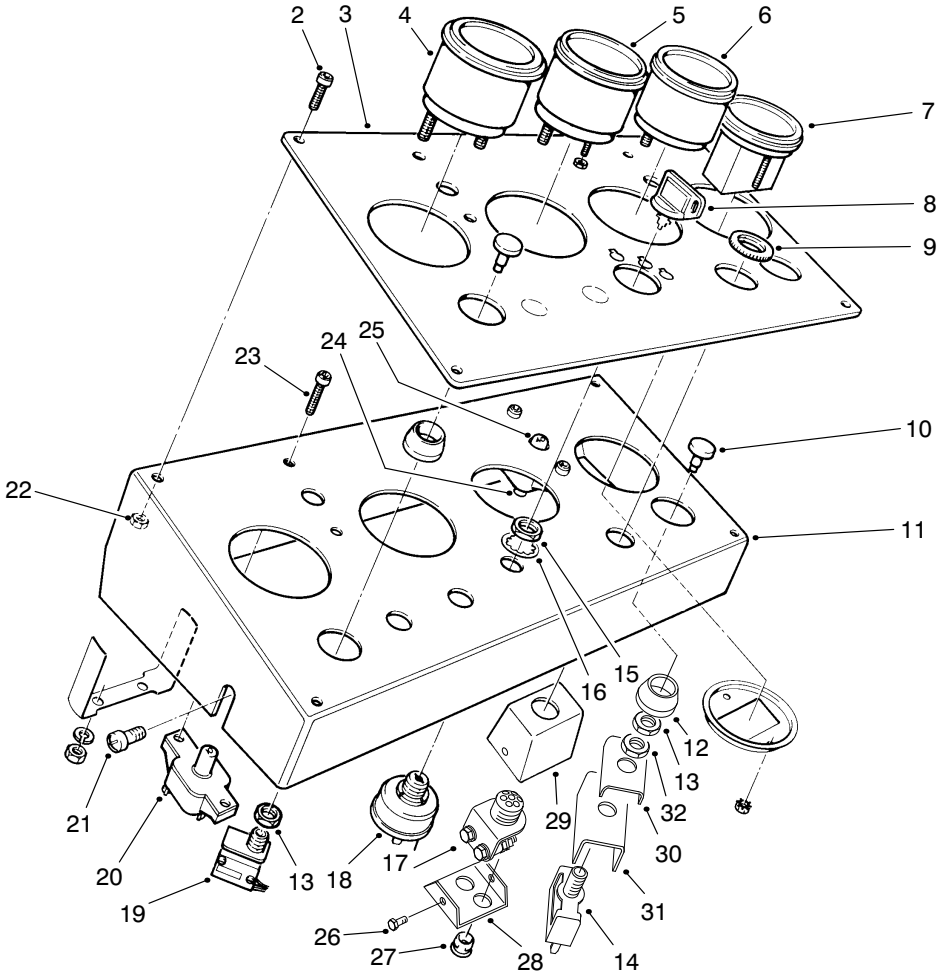


T−0118C

FENDERS & CENTER CONSOLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321−3	Screw − HH	2
2	2412−106	Clamp − R	2
4	3296−42	Nut − Lock	2
6	58−6680	Panel − Test Ports	1
6	93−9401	Decal − Test Ports (Europe)	1
7	92−9273	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	Screw	10
13	43−5930	Washer − Lock	12
15	68−6150	Breather	1
16	92−4751	Tube − Breather	1
17	237−65	O−Ring	1
20	59−7290	Decal − Hyd. Fill	1
20	93−9406	Decal − Hyd. Fill (Europe)	1
21	58−5940	Sight Glass	1
22	48−6900	Screw − Self−Tap	4
23	92−5682	Seal	1
25	58−0980	Fender − LH	1
26	62−6290	Decal − Lift Lever	1
26	93−9407	Decal − Lift Lever (Europe)	1
27	237−21	O−Ring	5
28	3220−11	Nut − Hex.	5

Ref. No.	Part No.	Description	No. Used
31	93−9426	Decal − Danger	1
31	93−9425	Decal − Danger (Europe)	1
32	58−6540	Decal − Operator Warning	1
32	93−9408	Decal − Warning (Europe)	1
33	68−7840	Strip − Foam	1
34	340−117	Cap − Hydraulic	1
35	92−5694	Hose − Hydraulic	1
36	237−79	O−Ring	1
37	58−1750	Panel − Access	1
38	92−4746	Fender − RH	1
39	237−22	O−Ring	2
40	60−2020	Shield − Heat	1
42	92−4799	Fitting − Hydraulic Tee (Incl. Ref. #36 & 39)	1
43	3296−42	Nut − Lock	2
44	48−7890	Nut	10
45	321−24	Screw − HH	2
46	237−80	O−Ring	1
47	58−9160	Asm−Drain Plug (Incl. Ref. #46)	1
48	68−7810	Panel − Lining	1
49	3256−22	Washer − Flat	16
50	48−7120	Element − Suction	1
51	92−6081	Foam − Dampener	1
52	3250−36	Screw − Phil. Hd.	2
53	3256−3	Washer − Flat	2
54	32151−72	Ring − Retaining	2



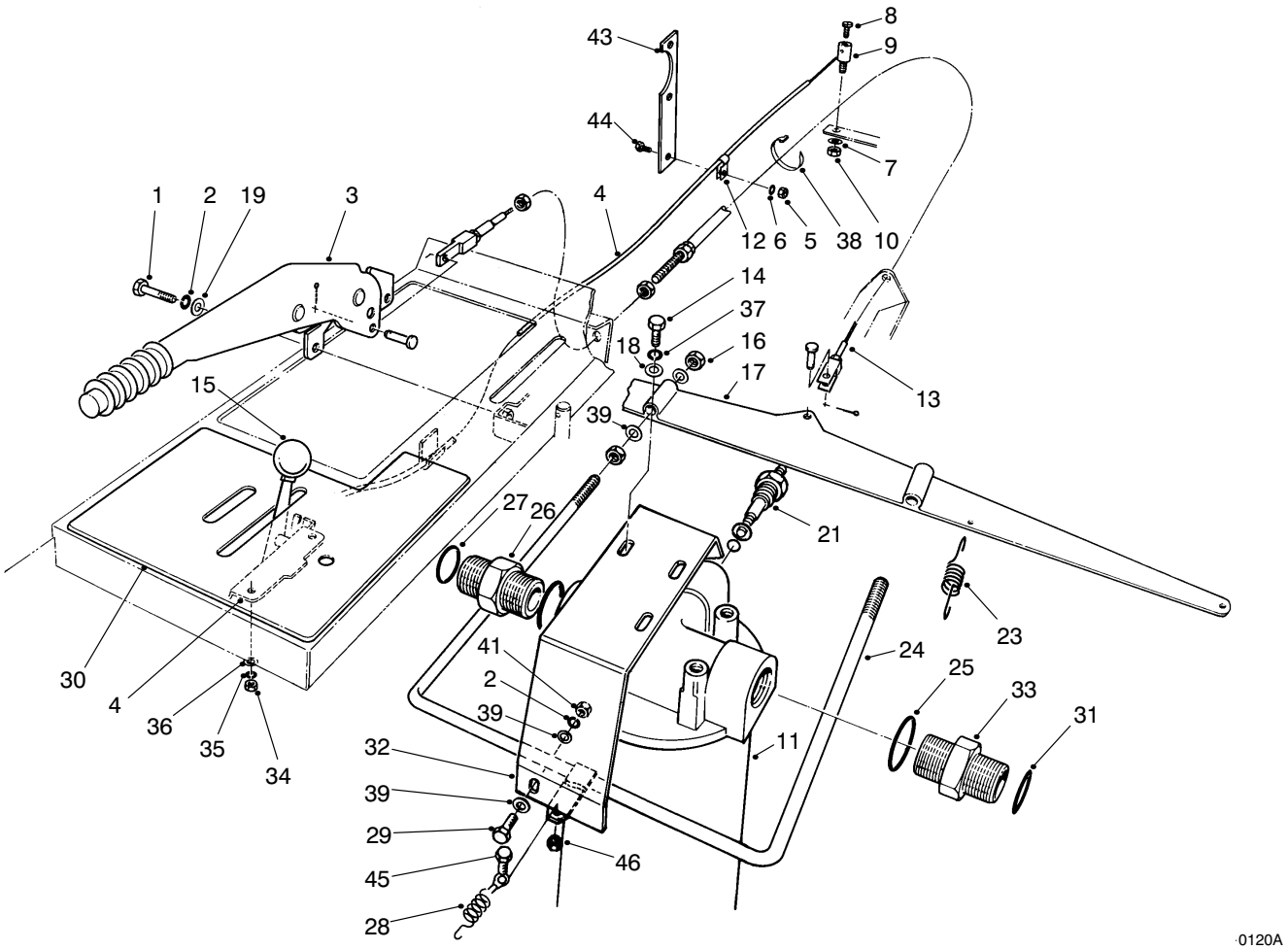
T−1210−3

INSTRUMENT PANEL

Ref. No.	Part No.	Description	No. Used
2	3274−68	Screw − Mach.	4
3	92−5656	Plate − Face, Instrument	1
3	93−9403	Panel − Face, Instrument (Europe)	1
4	77−4840	Speedometer	1
5	92−9211	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	92−5657	Panel − Instrument	1
12	43−6420	Bezel	2
13	218−498	Nut − Hex.	2
14	94−8290	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

Ref. No.	Part No.	Description	No. Used
18	27−2360	Asm−Key Switch (Incl. Ref. #15 & 16)	1
19	72−9760	Switch − Override (Incl. Ref. #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
26	32144−73	Screw − HH	2
27	92−5256	Bushing − Universal	2
28	93−7793	Plate	1
29	93−7792	Shield − Glow Plug Indicator	1
30	93−7791	Bracket	1
31	93−7790	Shield	1
32	218−497	Nut − Beveled	1

†Not Serviceable Separately



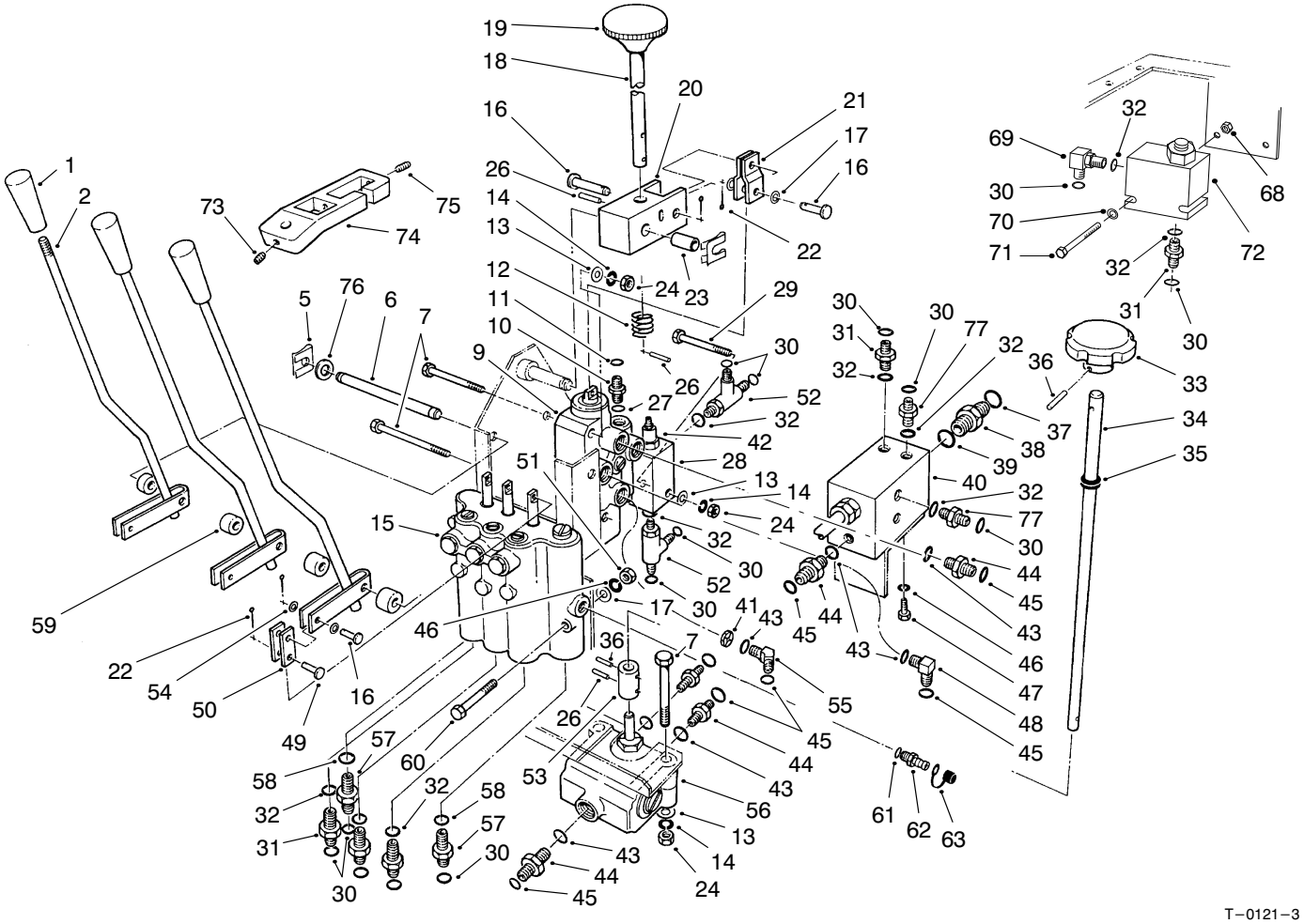
0120A

PARKING BRAKE, THROTTLE & OIL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	42−9230	Screw − HH	2
2	42−9850	Washer − Lock	2
3	53−6070	Brake − Parking	1
4	59−7240	Asm−Throttle (Incl. Ref. #15)	1
5	3217−5	Nut − Hex.	1
6	3253−3	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	Asm−Element	1
12	2412−31	Clip	1
13	92−9222	Cable − Brake	1
14	323−4	Screw − HH	3
15	233−25	Knob	1
16	3217−6	Nut − Hex.	4
17	58−2170	Bar	1
18	3256−3	Washer − Flat	3
19	48−8030	Washer	2
21	86−6100	Switch − Filter Warning	1
22	86−6090	Asm−Hydraulic Oil Filter (Incl. Ref. #11 & 21)	1
23	60−2140	Spring	2
24	92−9225	Asm−Yoke	1

Ref. No.	Part No.	Description	No. Used
25	237−123	O−Ring	2
26	340−80	Adapter (Incl. Ref. #25 & 27)	1
27	340−65	O−Ring	1
28	92−9221	Cable − Spring	1
29	322−6	Screw − HH	2
30	58−6560	Panel − Side, Control	1
30	93−9402	Panel − Side, Control (Europe)	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	43−5920	Washer − Lock	2
36	52−6430	Washer	2
37	3253−5	Washer − Lock	3
38	3290−378	Cable − Tie	1
39	3256−23	Washer − Flat	8
41	3217−6	Nut − Hex.	2
43	92−4754	Bracket − Cable	1
44	321−4	Screw − HH	1
45	11−9030	Bolt − Shoulder	1
46	3296−42	Nut − Lock	1

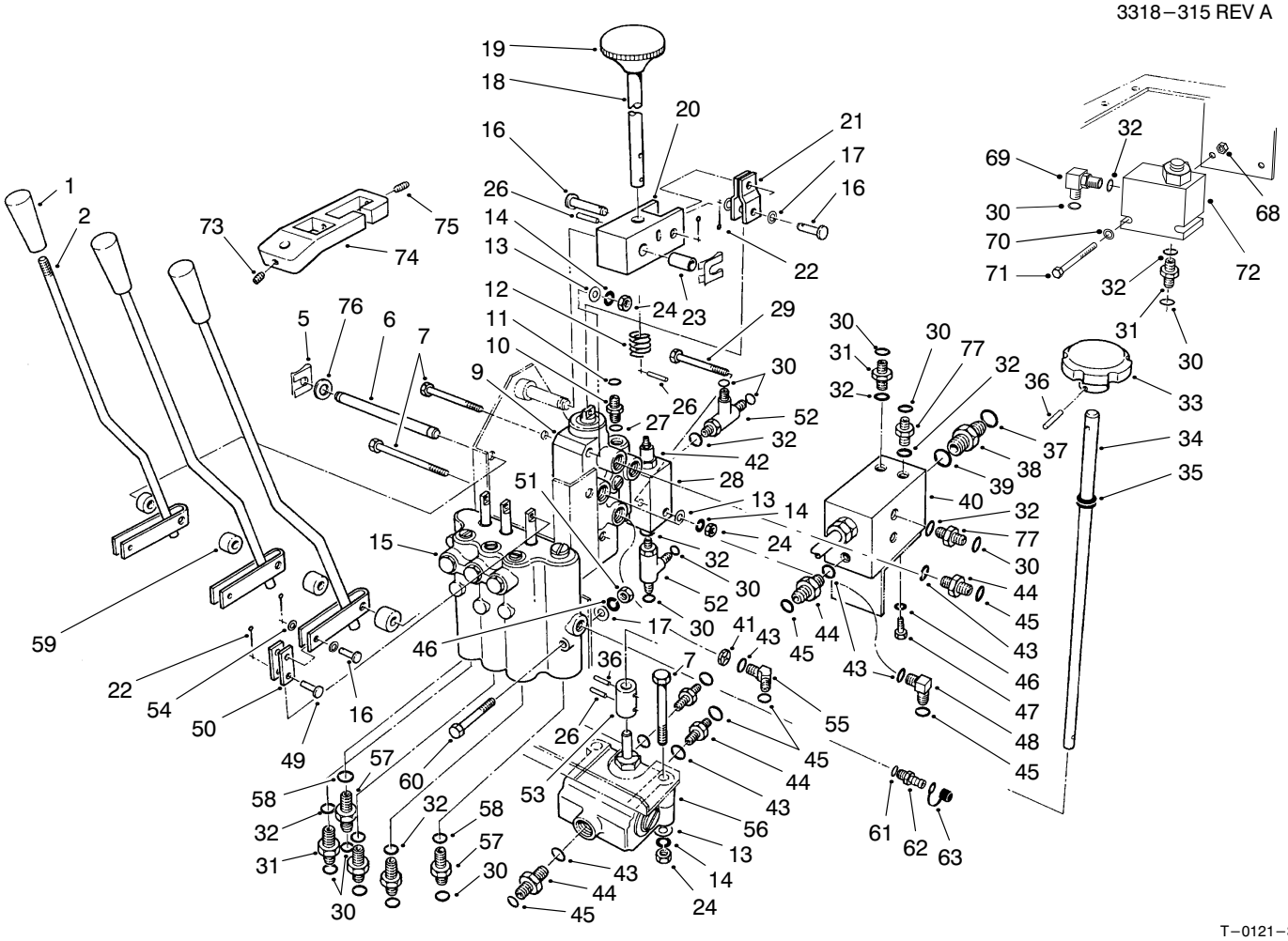
†Do Not Substitute



VALVE CONTROLS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233−39	Knob	3
2	74−3190	Lever − Lift	3
5	60−5690	Clip − Safety	3
6	58−1520	Pin − Pivot	1
7	322−12	Screw − HH	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	93−1432	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	3272−1	Pin − Cotter	8
23	60−0550	Bushing	1
24	3217−6	Nut − Hex.	5
26	32121−118	Pin − Roll	2
27	237−78	O−Ring	1
28	58−5520	Valve (Incl. Ref. #42)	1
29	322−9	Screw − HH	1
30	237−22	O−Ring	15
31	340−2	Fitting (Incl. Ref. #30 & 32)	5
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	Screw	2
48	340−17	Fitting (Incl. Ref. #43 & 45)	2
49	58−3810	Pin − Clevis	3
50	58−1560	Link	6

†Not Serviceable Separately.

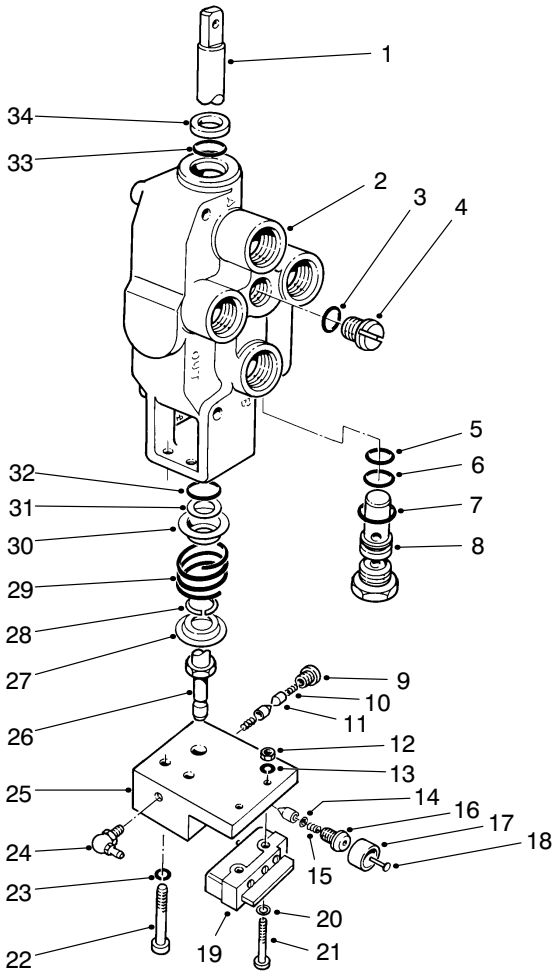


VALVE CONTROLS ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
51	48−7890	Nut − Hex.	1
52	340−86	Fitting − Hydraulic Tee (Incl. Ref. #30 & 32)	2
53	58−1530	Coupling	1
53	93−7768	Coupling (Europe)	1
54	52−6430	Washer	6
55	66−5860	Adapter − 45° (Incl. Ref. #43 & 45)	1
56	58−5490	Valve − Flow Control	1
57	340−3	Fitting (Incl. Ref. #30 & 58)	2
58	237−79	O−Ring	2
59	58−1540	Spacer	4
60	60−6650	Screw − HH	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
68	3296−8	Nut − Lock	2
69	340−77	Elbow − 90° (Incl. Ref. #30 & 32)	1
70	3256−22	Washer − Flat	2
71	321−11	Screw− HH	2
72	63−4700	Valve − Flow Regulator	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
77	92−9258	Fitting − Check Valve (Incl. Ref. #30 & 32)	3
*	66−5590	Kit − Seal (For Item #72)	1
*	66−5580	Kit − Seal Repair (For Item #28)	1

*Not Illustrated



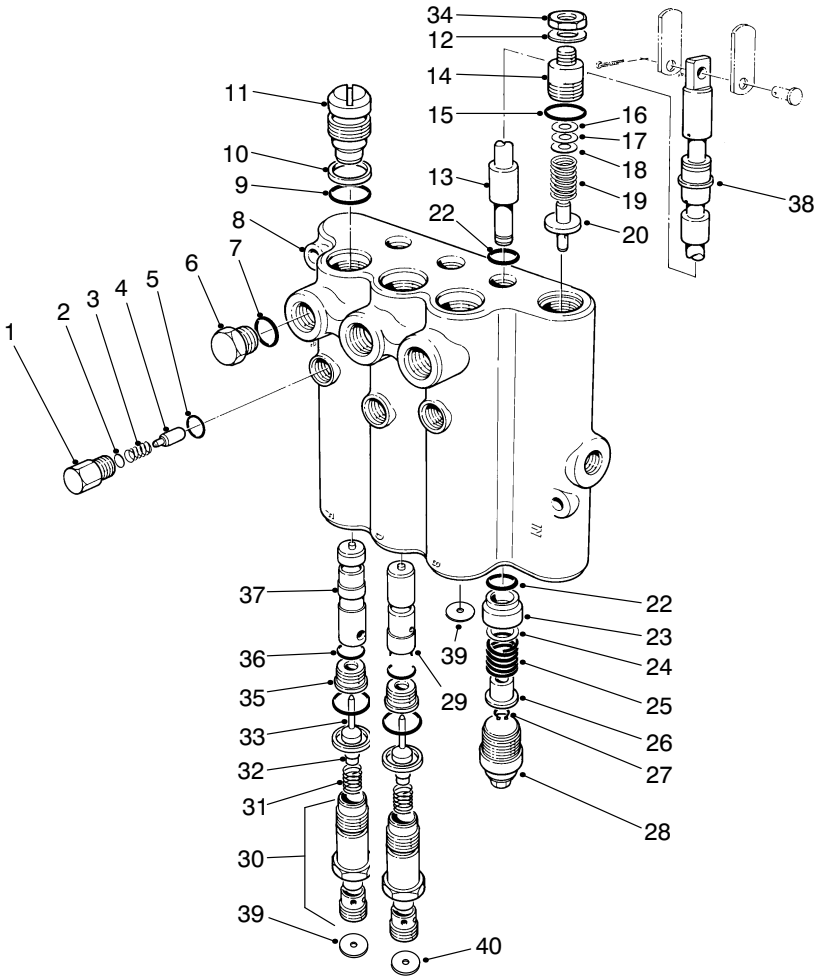
T−0123

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	42−1260	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 − HH	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	59−8120	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



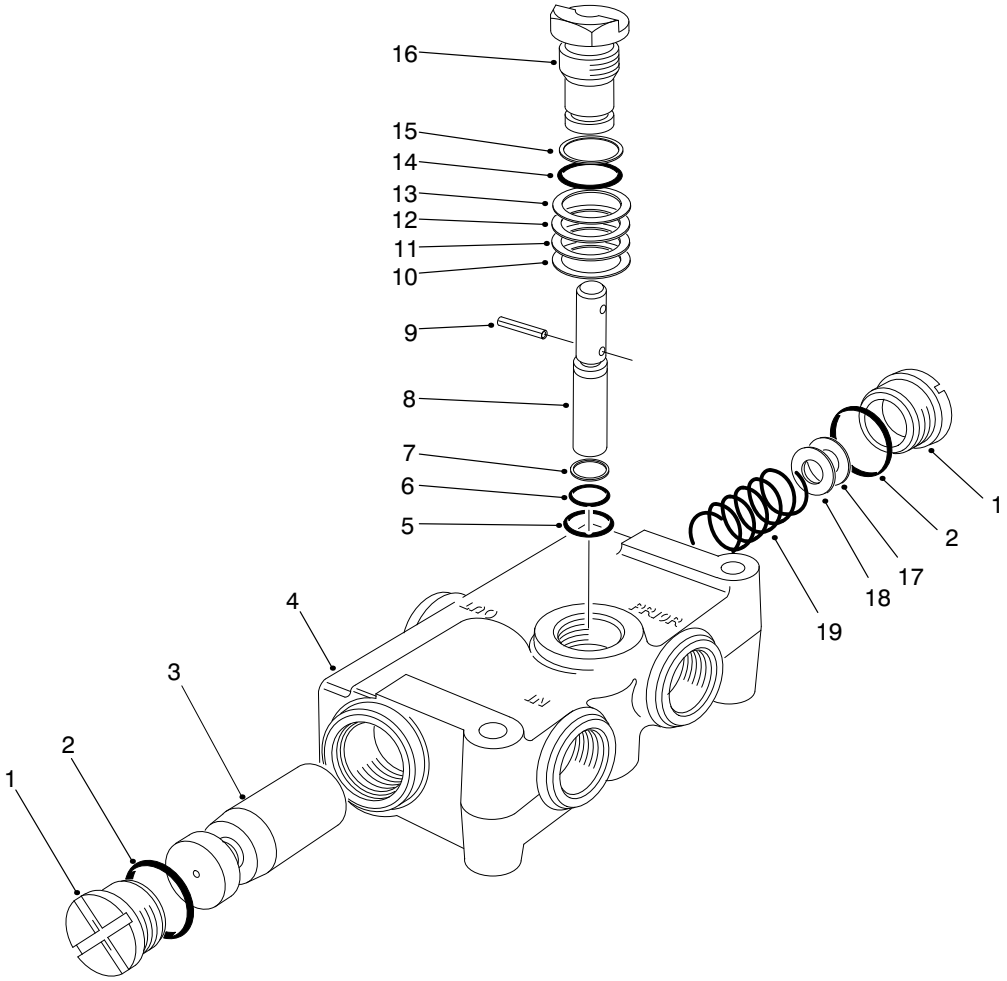
T−0124A

CONTROL VALVE ASSEMBLY NO. 93−1432

Ref. No.	Part No.	Description	No. Used
1	58−6780	Asm−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	Asm−Plug (Incl. Ref. #7)	3
7	58−6720	O−Ring	3
†8		Body	1
9	60−5720	O−Ring	6
10	58−6310	Washer − Backup	6
11	58−6350	Asm−Plug (Incl. Ref. #9 & 10)	3
†12		Washer	1
†13		Spool	3
14	69−1830	Asm−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
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	Asm−Cap	3
29	84−6430	Plunger	1
30	58−6380	Asm−Plug	3
31	58−6410	Spring	3
32	60−6440	Eyelet	3
33	58−6290	Asm−Poppet	3
†34		Nut − Lock	1
35	58−6330	Asm−Seat (Incl. Ref. #36)	3
36	58−6340	O−Ring	3
37	84−6420	Plunger	2
38	58−6320	Wiper − Seal	3
39	84−6400	Orifice − .047 Dia.	2
40	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



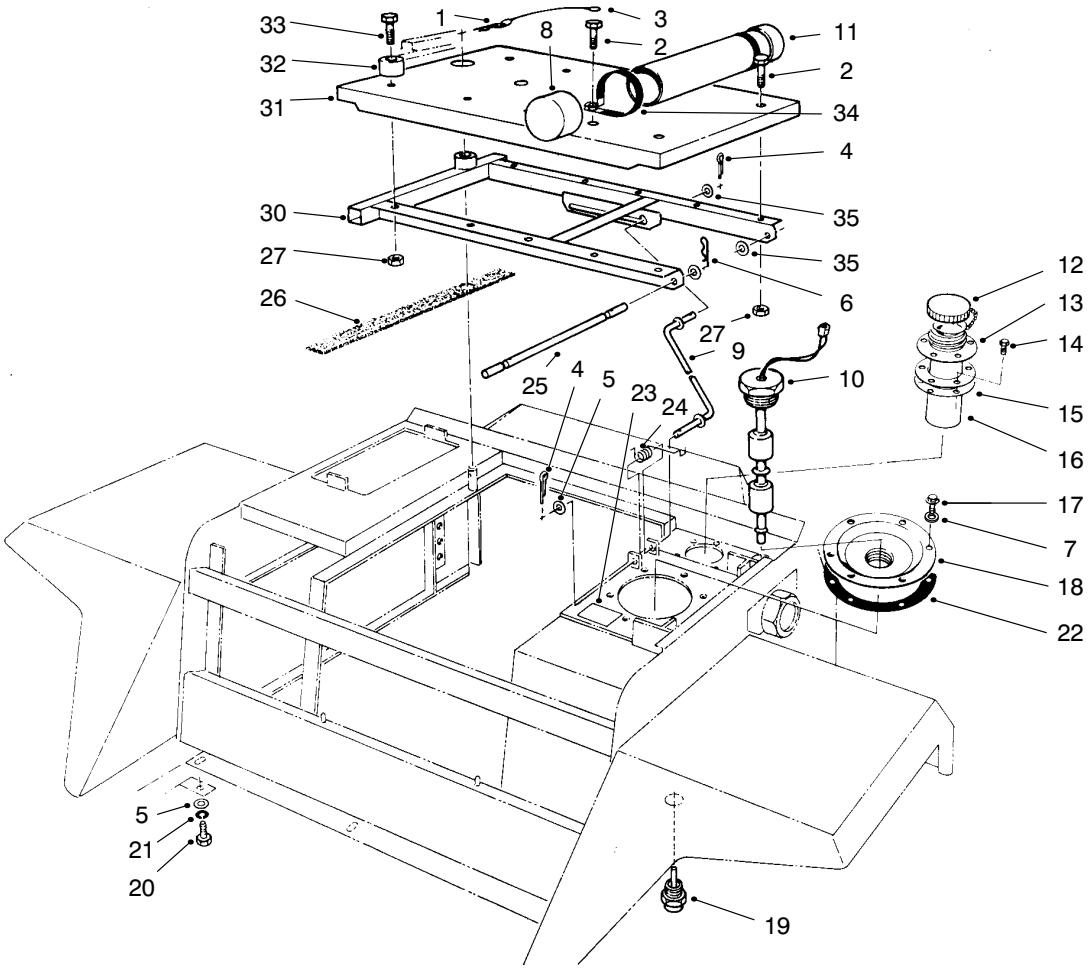
T−0125

PRIORITY FLOW CONTROL VALVE NO. 58−5490

Ref. No.	Part No.	Description	No. Used
1	59−7600	Asm−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		Metering Stem	1
†9		Pin − Groove	1
†10		Shim	A/R
†11		Shim	A/R
†12		Shim	A/R

Ref. No.	Part No.	Description	No. Used
13	59−7720	Shim	A/R
14	59−7780	O−Ring	1
15	58−6370	Washer − Backup	1
†16		Plug − Metering	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
*	94−8265	Kit − Metering (Incl. Ref. #8−12 & 16)	1

*Not Illustrated
†Not Serviceable Separately

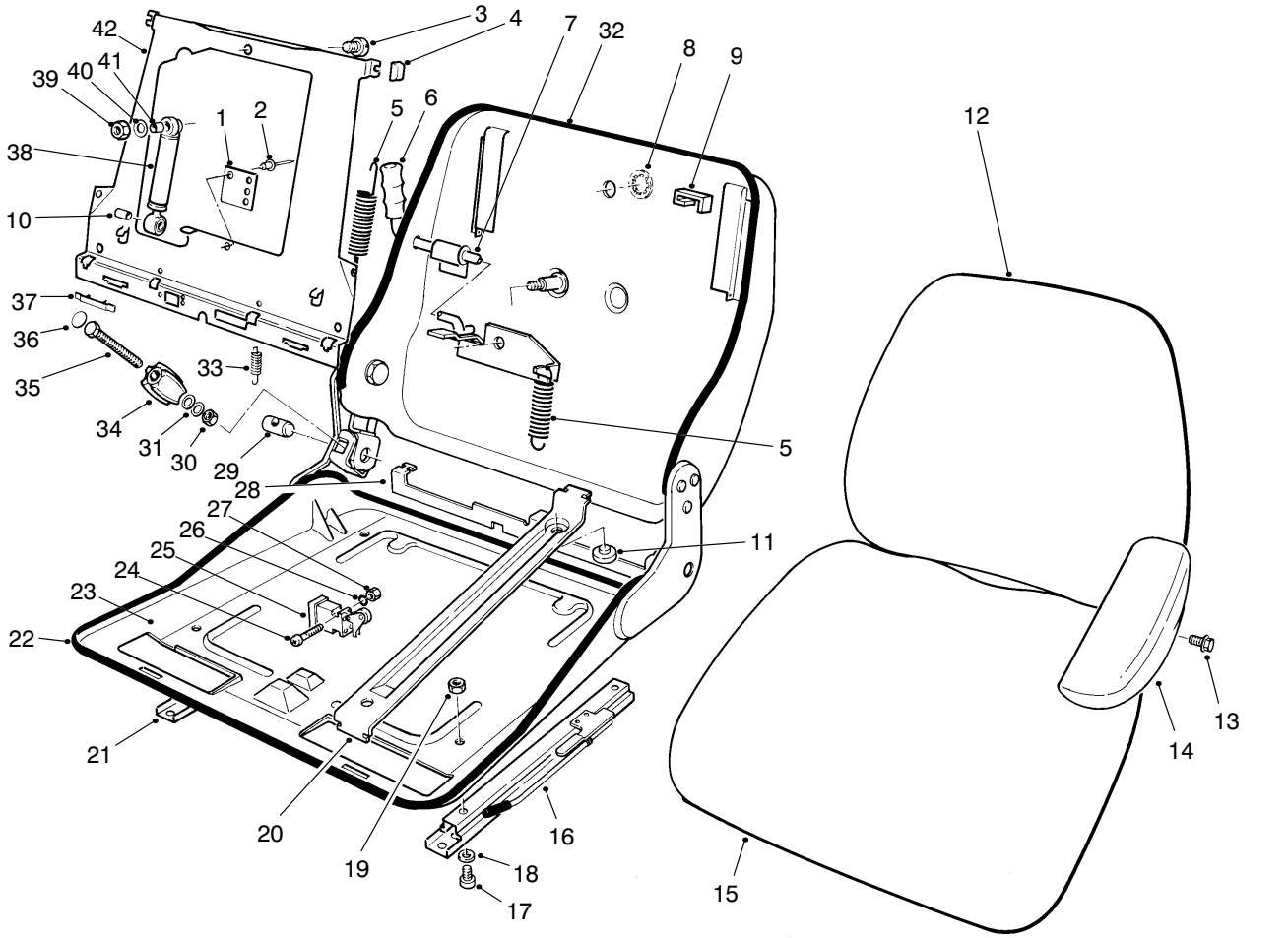


T−1787

SEAT PLATFORM & FILLER CAP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290−355	Clip − Retaining	1
2	3234−5	Screw − Flange 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	71−4040	Asm−Filler Cap (Incl. Ref. #13−16)	1
13	353−961	Bayonet Flange	1
14	32144−107	Screw − HH	6
15	353−963	Gasket	2
16	62−2610	Strainer	1
17	46−0670	Screw − Pan Hd.	6

Ref. No.	Part No.	Description	No. Used
18	92−9200	Cover	1
19	60−5580	Switch − Temperature	1
20	48−9470	Screw − HH	2
21	48−9590	Washer − Lock	2
22	58−6820	Gasket	1
23	58−6530	Decal − Hydraulic Oil	1
23	93−8067	Decal − Hydraulic Oil (Europe)	1
24	60−0050	Spring	1
25	58−1640	Pin − Seat Pivot	1
26	68−7850	Strip − Foam	1
27	32128−20	Nut − Hex.	10
30	58−1580	Asm−Seat Frame	1
31	58−9830	Plate − Seat	1
32	26−4840	Spacer	4
33	322−6	Screw − HH	4
34	2412−102	R−Clamp	2
35	3256−24	Washer − Flat	4

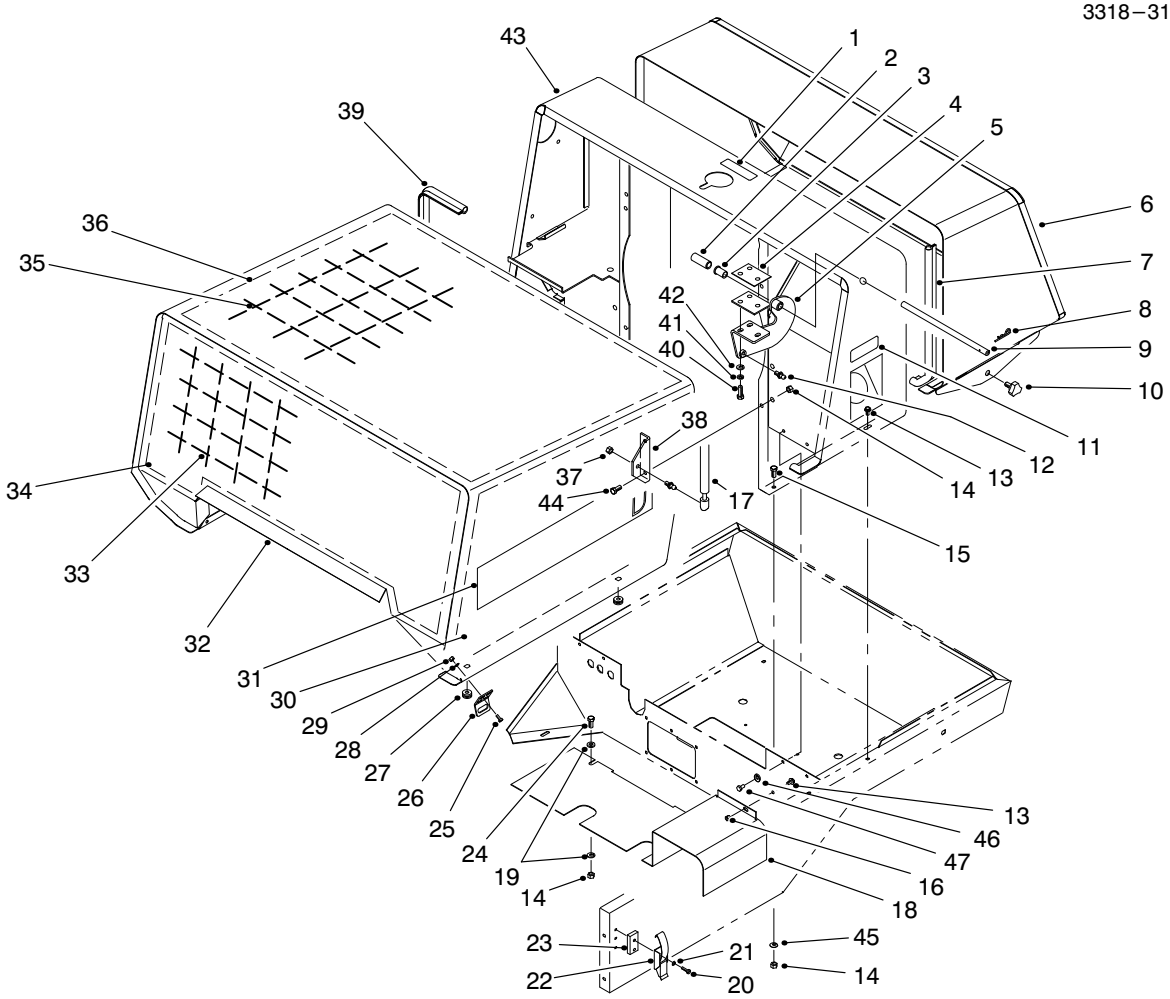


SUSPENSION SEAT ASSEMBLY

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	56−4150	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	Asm−Swing Arm (Incl. Ref. #28 & 41)	1
21	82−2790	Rail − Adjust. R.H.	1
22	82−9710	Trim − Bottom	1
23	82−2720	Frame − Seat	1

Ref. No.	Part No.	Description	No. Used
24	82−9640	Screw	2
25	82−2810	Asm−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	Asm−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	Asm−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	Asm−Weight Adj. (Incl. Ref. #5−7 & 41)	1

*Not Illustrated
†Not Serviceable Separately



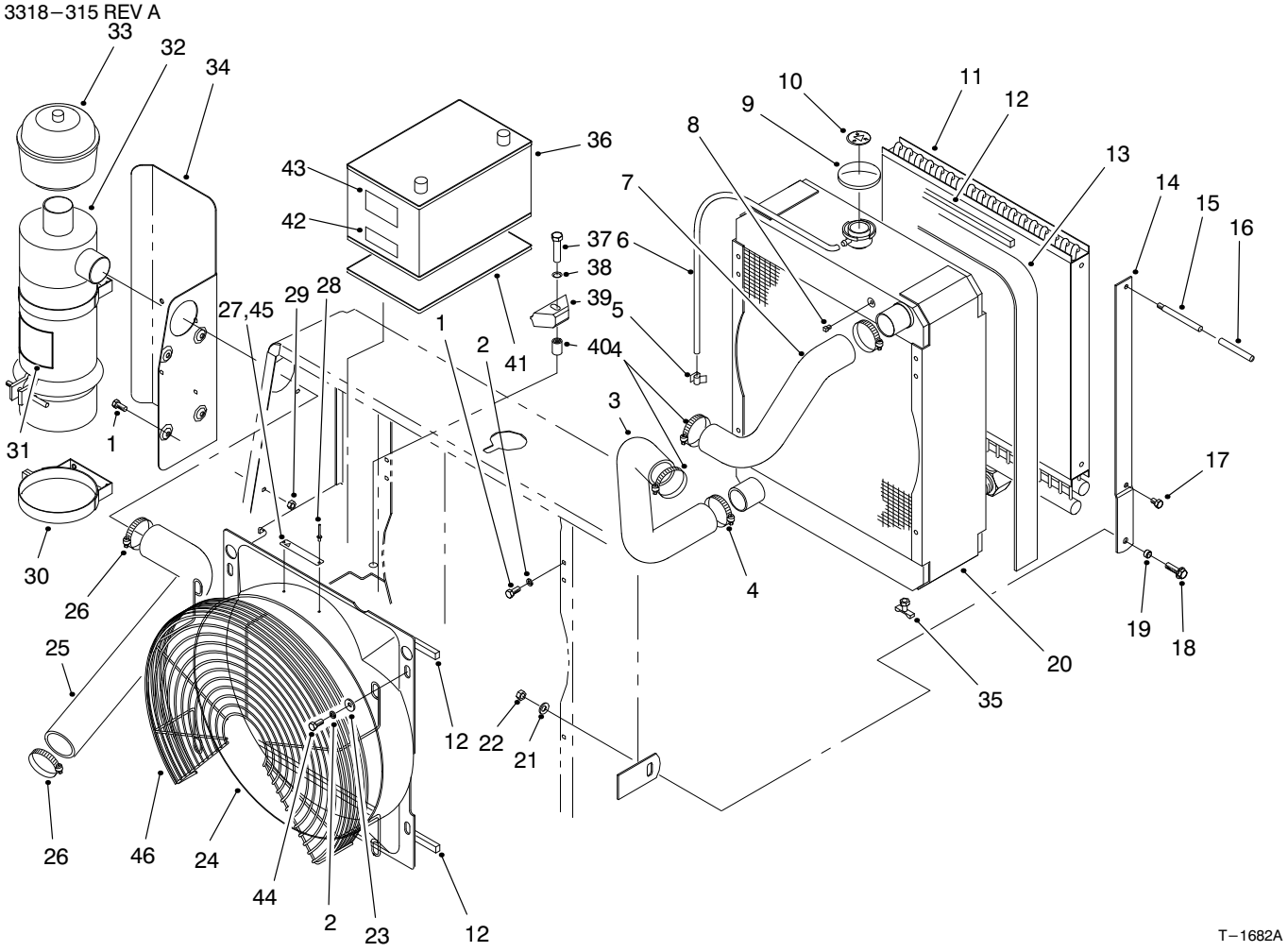
T−1683A

FRONT & REAR CANOPY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	58−6940	Decal − Coolant Only	1
1	93−9404	Decal − Coolant (Europe)	1
2	92−5655	Spacer	2
3	58−3930	Bushing − Flange	2
4	58−5330	Spacer − Hinge	A/R
*	58−5350	Spacer − Hinge	A/R
5	58−1970	Hinge − LH	1
*	58−1980	Hinge − RH	1
6	92−6086	Screen − Rear	1
7	92−5253	Strip − Sealing	1
8	3290−355	Pin − Hair Cotter	2
9	58−3910	Pin − Hinge	2
10	77−3620	Knob − Retainer	2
11	52−1321	Decal − Diesel Fuel	1
11	93−6680	Decal − Diesel Fuel (Europe)	1
12	86−6130	Stud − Ball	4
13	3234−13	Screw − Hex. Flange Hd.	5
14	3296−29	Nut − Lock	9
15	322−5	Screw − HH	4
16	3296−56	Nut − Lock	1
17	88−6760	Spring − Gas	2
18	92−5270	Baffle − Lower Body	1
19	3256−23	Washer − Flat	2
20	3250−25	Screw − Pan Hd.	4
21	3253−2	Washer − Lock	4
22	58−5380	Latch − Draw	2

Ref. No.	Part No.	Description	No. Used
23	58−7070	Spacer	2
24	322−3	Screw − HH	1
25	3250−31	Screw − Pan Hd.	8
26	68−6040	Bracket − Latch	2
27	237−141	Grommet	4
28	3256−51	Washer − Flat	8
29	3296−27	Nut − Hex.	8
30	92−5681	Foam − Side LH	1
*	92−5680	Foam − Side RH	1
31	86−6470	Decal − RM4500D	2
32	92−4713	Canopy − Front	1
33	92−5673	Support − Foam Front	1
34	92−5679	Foam − Front	1
35	92−5672	Support − Foam Top/Side	1
36	92−5678	Foam − Top	1
37	48−9510	Nut − Lock	2
38	92−5652	Bracket − Gas Spring	2
39	92−6060	Strip − Sealing	1
40	57−6380	Screw − HH	6
41	42−9850	Washer − Lock	6
42	48−8030	Washer − Flat	6
43	93−1445	Canopy − Center (Incl. Ref. #1 & 11)	1
44	322−4	Screw − HH	4
45	3256−3	Washer − Flat	4
46	3253−3	Washer − Lock	4
47	321−2	Screw − HH	4

*Not Illustrated

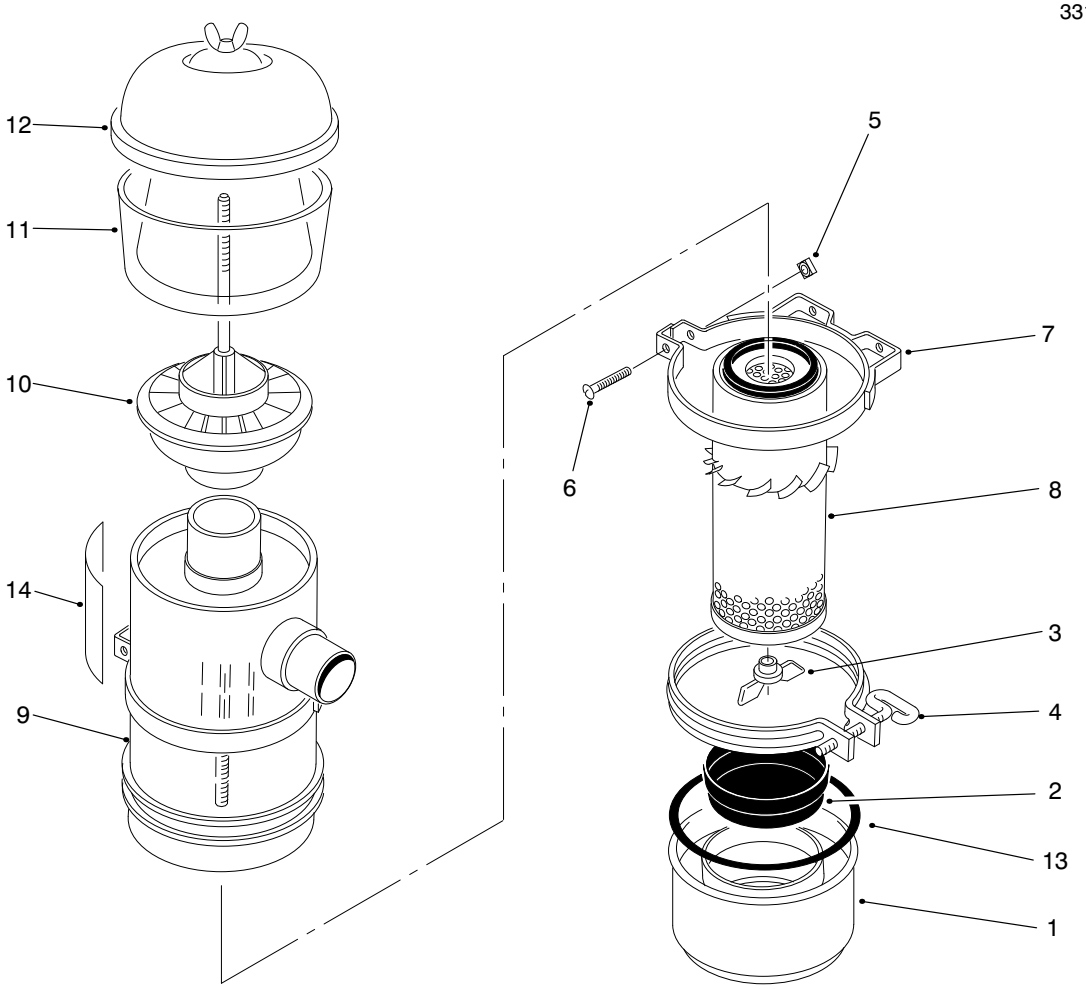


RADIATOR, OIL COOLER & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322−3	Screw − HH	10
2	3253−4	Washer − Lock	6
3	92−4795	Hose − Radiator Lower	1
4	2412−92	Clamp − Hose	4
5	60−0930	Clip	2
6	60−3680	Hose − Overflow	1
7	92−4796	Hose − Radiator Upper	1
8	281−2	Plug Pipe	1
9	58−5420	Cap − Radiator	1
10	59−8440	Decal − Warning	1
11	58−5540	Cooler − Hydraulic Oil	1
12	68−7575	Strip − Sealing	3
13	92−6062	Foam − Radiator Seal	1
14	92−4753	Strap − Oil Cooler	2
15	75−7790	Handle	2
16	47−2550	Grip − Handle	2
17	48−7680	Screw − HH	2
18	3234−11	Screw − Hex. Flange Hd.	2
19	76−2290	Spacer	2
20	92−4729	Asm−Radiator (Incl. Ref. #35)	1
21	3256−24	Washer − Flat	2
22	3296−39	Nut − Lock	2
23	3256−71	Washer − Flat	4
24	92−4798	Shroud − Fan	1

Ref. No.	Part No.	Description	No. Used
25	92−9245	Hose − Intake	1
26	2412−42	Clamp − Hose	2
27	76−8750	Plate − Caution (Model 03702 & Europe)	1
28	3290−271	Rivet − Pop	2
29	3296−29	Nut − Lock	8
30	27−7170	Band − Mounting	2
31	27−7160	Decal − Instruction	1
32	27−7100	Asm−Air Cleaner	1
33	48−7430	Asm−Pre−Cleaner	1
34	92−6065	Shield	1
35	304−46	Valve − Drain	1
†36		Battery	1
37	323−9	Screw − HH	1
38	3256−24	Washer	1
39	66−2490	Retainer − Battery	1
40	32148−9	Insert − Threaded	1
41	93−1420	Tray − Battery	1
42	93−6668	Decal − Battery (Europe)	1
43	93−7276	Decal − Danger (Europe)	1
44	322−4	Screw − HH (Model 03702)	4
44	322−5	Screw − HH (Europe)	4
45	93−6681	Decal − Fan (Europe)	1
46	93−7752	Guard − Fan (Europe)	1

†Obtain Locally



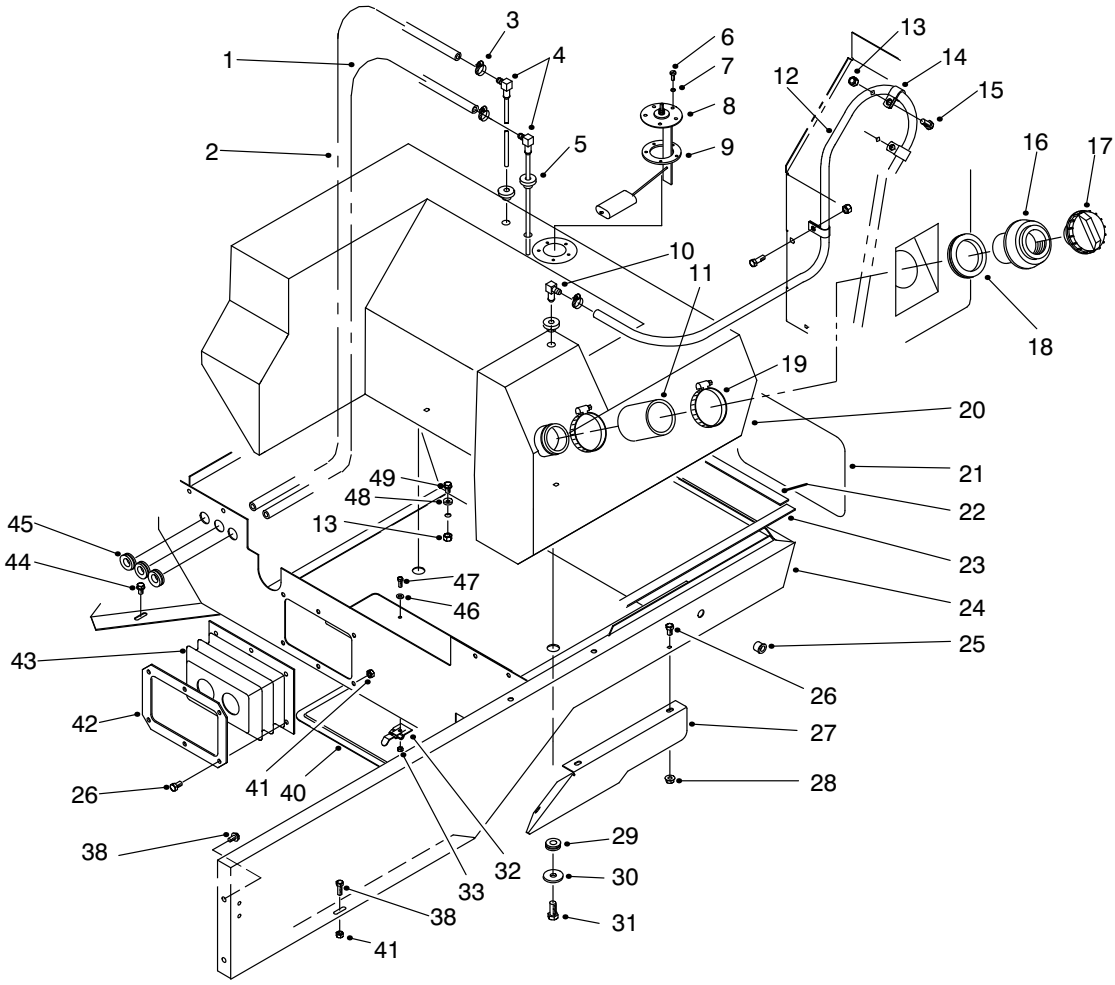
T−1684

AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27−7150	Asm−Cup	1
2	27−7140	Baffle	1
3	27−7120	Nut	1
4	27−7130	Asm−Clamp	1
5	32107−11	Nut − Square	2
6	3258−19	Screw − Machine	2
7	27−7170	Asm−Band (Incl. Ref. #5 & 6)	2
8	27−7110	Asm−Element	1
†9		Housing	1
10	62−6300	Asm−Sleeve	1

Ref. No.	Part No.	Description	No. Used
11	33−1270	Bowl	1
12	33−1260	Asm−Cover	1
13	80−3330	Gasket	1
14	27−7160	Decal − Instructions	1
*	48−7430	Asm−Pre−Cleaner (Incl. Ref. #10−12)	1
*	27−7100	Asm−Air Filter (Incl. Ref. #1−4, 8−9 & 13−14)	1
*	27−7220	Soap − Air Cleaner	1

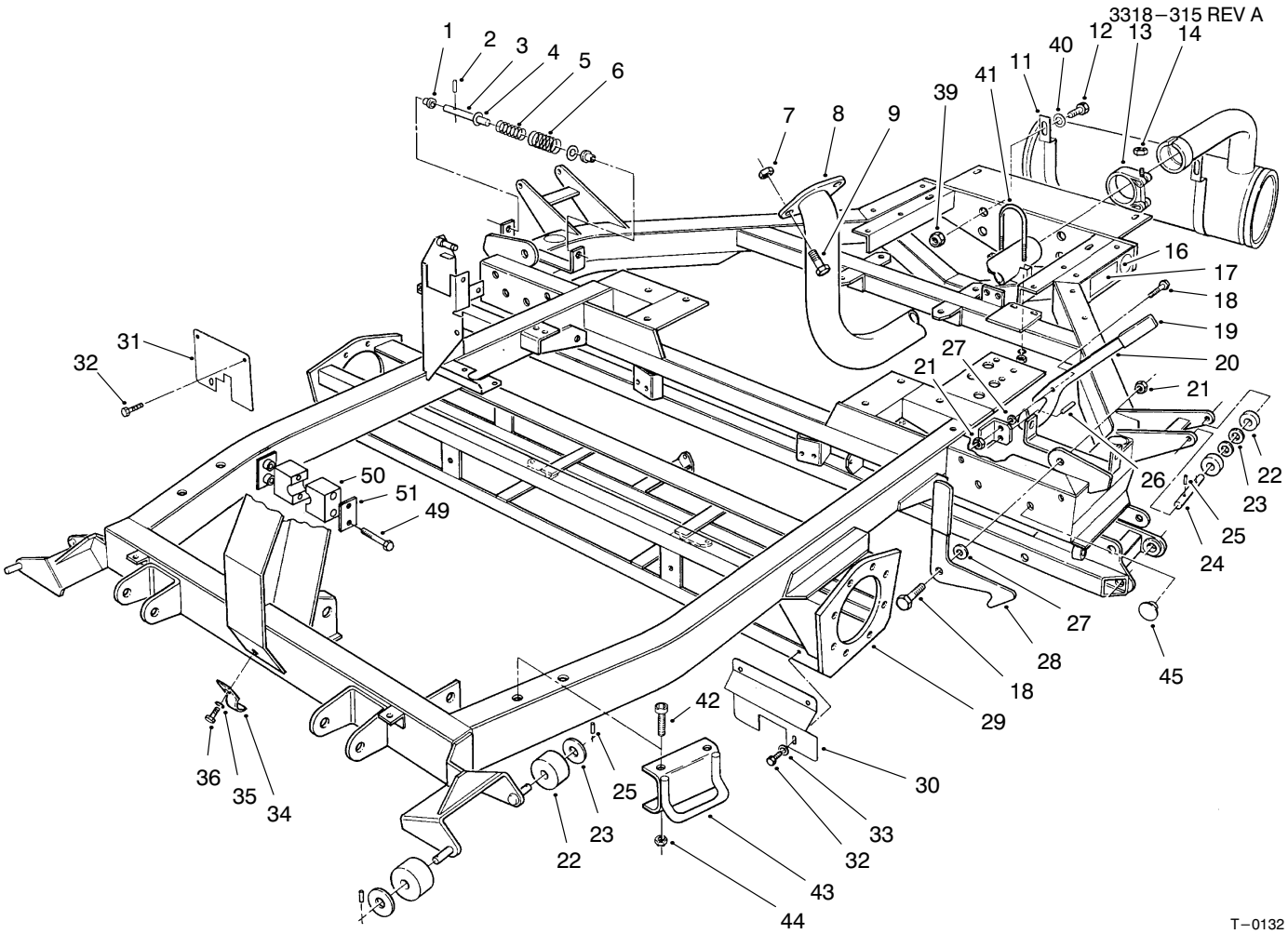
*Not Illustrated
†Not Serviceable Separately



FUEL TANK & LOWER BODY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92−9285	Hose − Fuel, Return	1
2	92−9284	Hose − Fuel, Suction	1
3	2412−108	Clamp − Hose	5
4	92−9266	Standpipe	2
5	46−6560	Grommet	3
6	32122−24	Screw − Truss Hd.	5
7	3253−15	Washer − Lock	5
8	92−9267	Sender − Fuel	1
9	62−7650	Gasket − Fuel Sender	1
10	46−6550	Elbow	1
11	92−9272	Hose − Fuel Fill	1
12	92−9283	Hose − Vent, Fuel	1
13	3296−29	Nut − Lock	4
14	92−6064	R−Clamp	3
15	322−3	Screw − HH	2
16	92−5674	Neck − Fuel Fill	1
17	93−3102	Cap − Fuel	1
18	92−5675	Grommet	1
19	2412−42	Clamp − Hose	2
20	93−1402	Tank − Fuel	1
21	66−6140	Decal − TORO	1
22	92−5671	Strip − Sealing	1

Ref. No.	Part No.	Description	No. Used
23	92−5670	Strip − Sealing	2
24	92−4703	Body − Lower	1
25	32148−9	Nut − Insert	2
26	321−2	Screw − HH	9
27	92−6069	Shield − Exhaust	1
28	32128−33	Nut − Lock, Flange Hd.	3
29	240−11	Grommet	2
30	63−8410	Washer − Flat	2
31	323−5	Screw − HH	2
32	52−9590	Latch	4
33	3296−12	Nut − Lock	4
38	3234−4	Screw − Hex. Flange Hd.	5
40	92−5654	Panel − Clean Out	1
41	3296−56	Nut − Lock	7
42	92−5653	Ring − Clamp	1
43	92−5269	Bellows	1
44	3234−13	Screw − Taptite	2
45	240−9	Grommet	3
46	3256−51	Washer − Flat	4
47	32144−1	Screw − Hex. Hd.	4
48	3256−23	Washer − Flat	2
49	3234−17	Screw − Hex. Flange Hd.	2

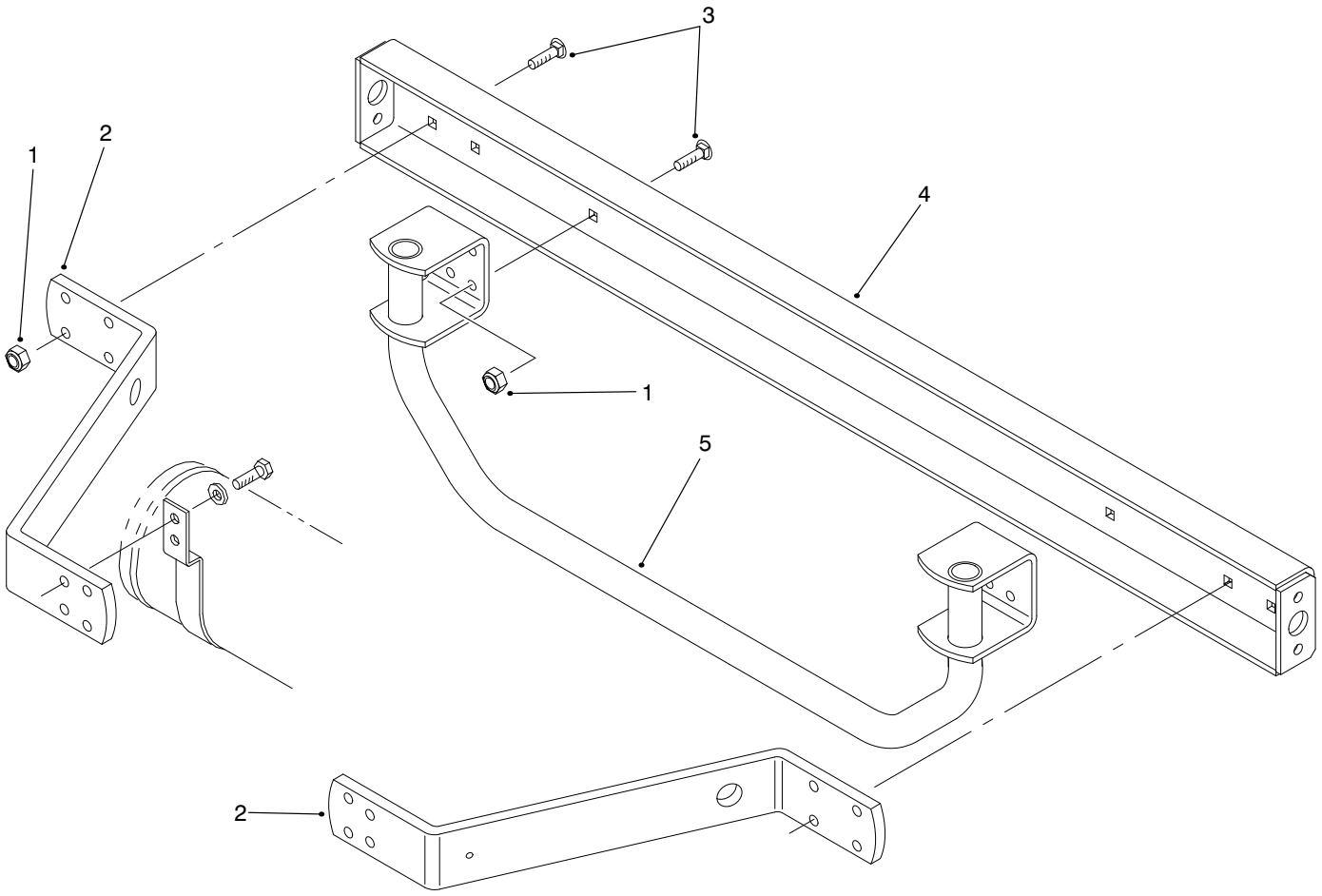


CHASSIS & MUFFLER ASSEMBLY

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	Screw	2
11	74−2850	Muffler	1
*	74−2900	Spark Arrester − Muffler (Optional)	1
12	323−9	Screw − HH	2
13	2412−132	Clamp (Incl. Ref. #14)	1
‡14		Nut	1
16	58−6520	Decal − Grease	3
17	58−5910	Decal − Tire Pressure	2
17	93−9405	Decal − Tire Pressure (Europe)	2
18	60−6870	Screw	3
19	48−7080	Cap	3
20	86−6570	Lever	1
21	51−2070	Nut	3
22	82−4910	Roller	8

Ref. No.	Part No.	Description	No. Used
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	86−6590	Lever − LH	1
*	86−6580	Lever − RH	1
29	92−4761	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	42−9850	Washer − Lock	1
36	48−7680	Screw − HH	1
39	3296−39	Nut − Lock	2
40	3256−24	Washer − Flat	2
41	76−3560	Clamp − Exhaust	1
42	3289−25	Screw − Socket Flat Hd.	4
43	92−4768	Tiedown	2
44	3296−23	Nut − Lock	4
45	92−6059	Plug − Button	12
49	321−9	Screw − HH	2
50	82−2990	Clamp − Tube	2
51	82−2980	Plate − Cover	1

*Not Illustrated
‡Not Serviceable Separately

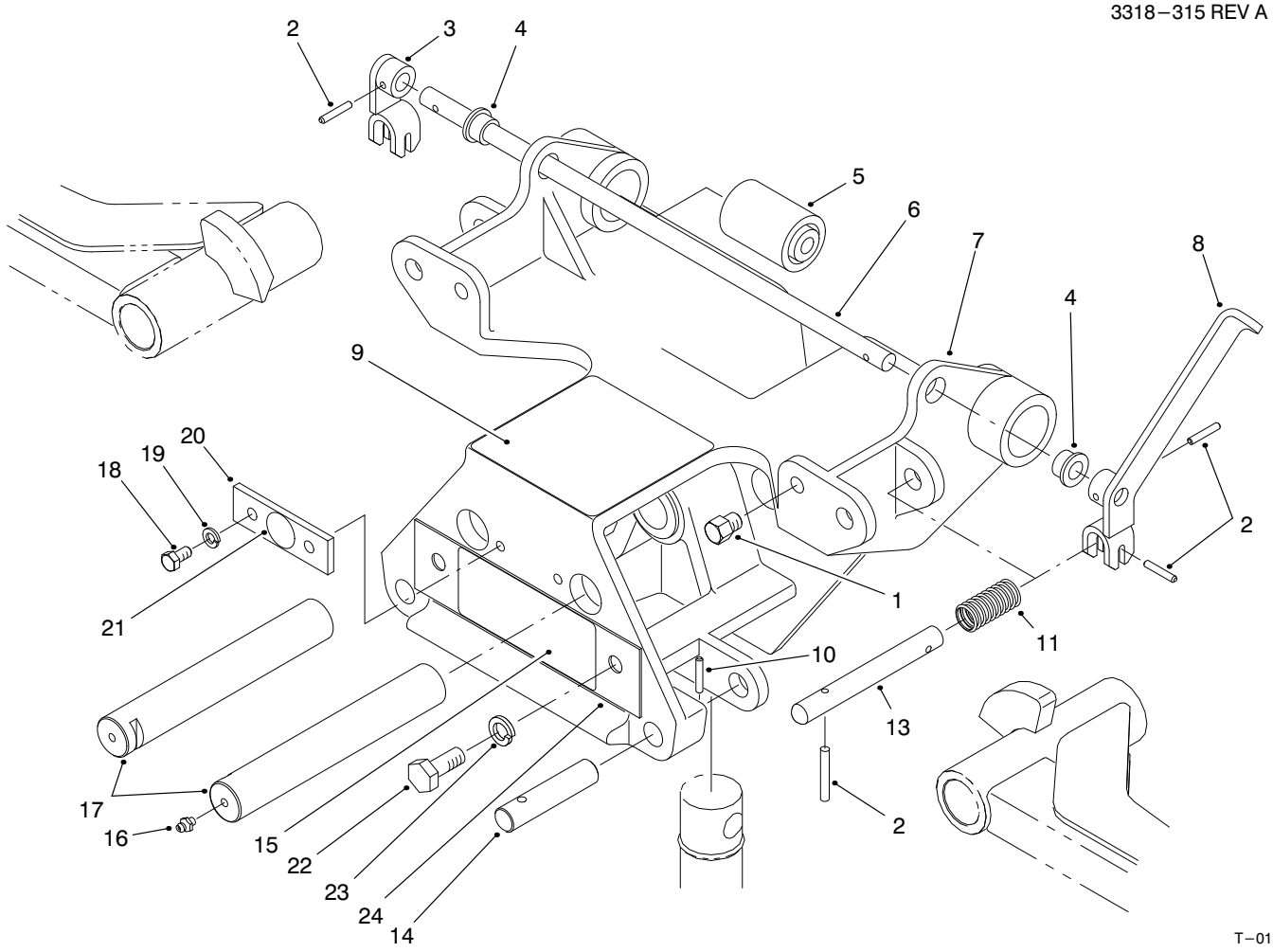


T−2388

BUMPER, GUARD & BRACKET ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296−39	Nut − Lock	12
2	92−6051	Bracket − Bumper	2
3	3231−25	Bolt − Carriage	12

Ref. No.	Part No.	Description	No. Used
4	92−6052	Bumper	1
5	92−6050	Guard − Hose	1



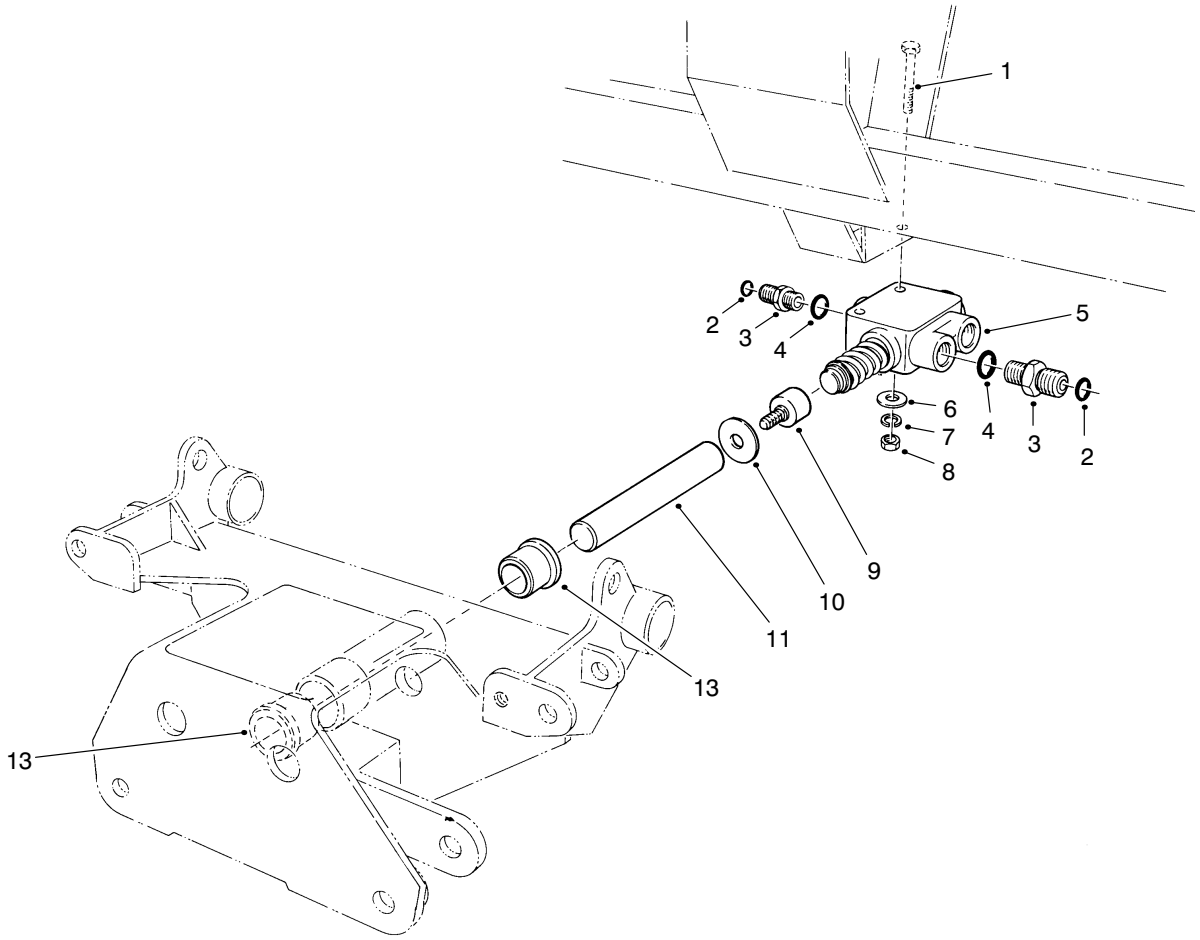
T−0133

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	74−2920	Carrier − Front	1
8	60−1780	Lever − L.H.	1
9	82−9370	Pad − Step	1
10	3285−11	Pin − Spirol	2
11	60−0670	Spring − Compression	2
13	82−9360	Rod − Latch	2

Ref. No.	Part No.	Description	No. Used
14	58−2720	Pin − Cylinder Mount	2
15	86−6120	Decal − Towing	1
15	93−9400	Decal − Towing (Europe)	1
16	302−5	Fitting − Grease	2
17	60−0090	Pin − Lift Arm, Pivot	2
18	322−2	Screw − HH	2
19	3253−4	Washer − Lock	2
20	60−0190	Retainer	1
21	58−6520	Decal − Grease	1
22	325−2	Screw − HH	2
23	3253−7	Washer − Lock	2
24	84−6480	Plate − Decal	1

*Not Illustrated

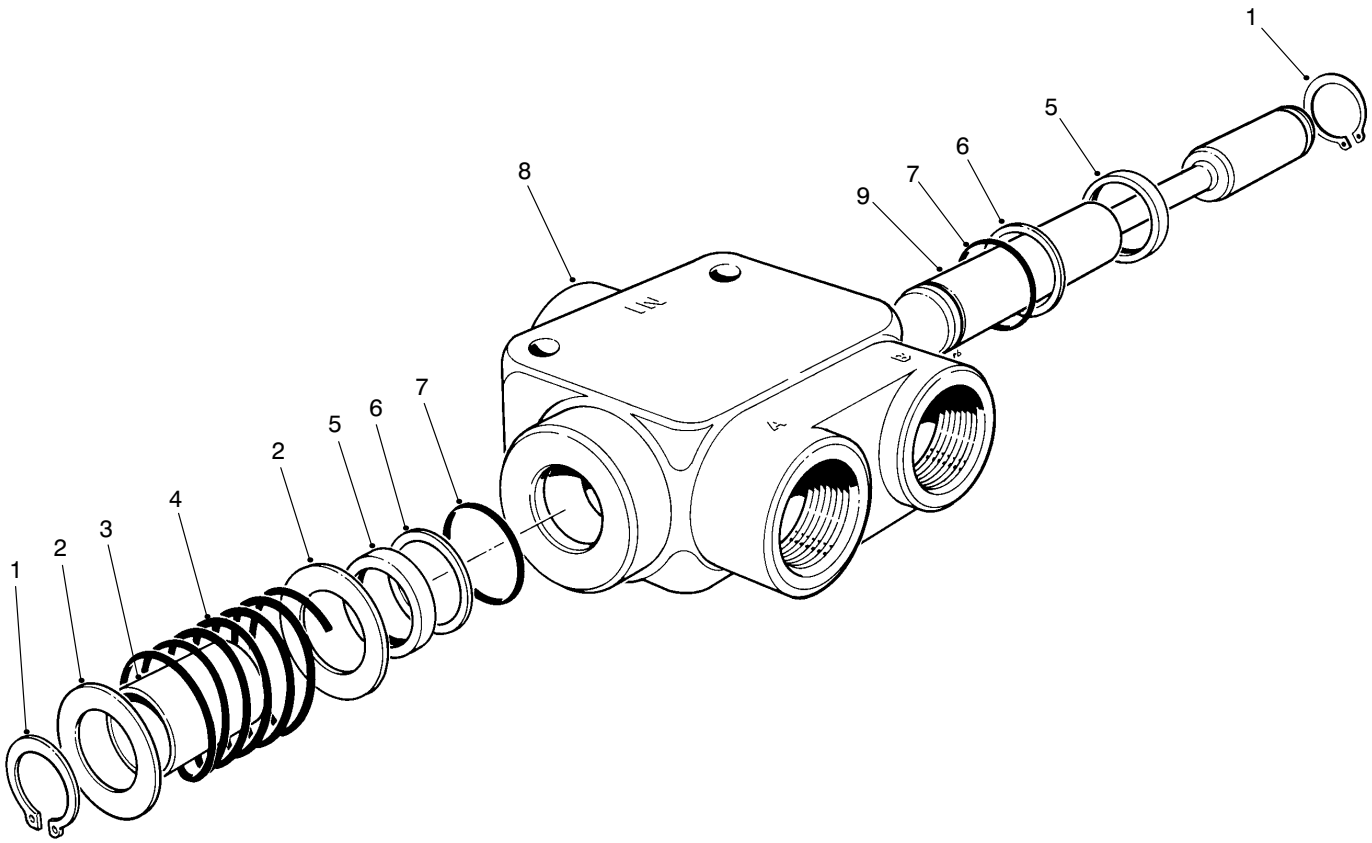


T−0134A

PUSH ROD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322−12	Screw − HH	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

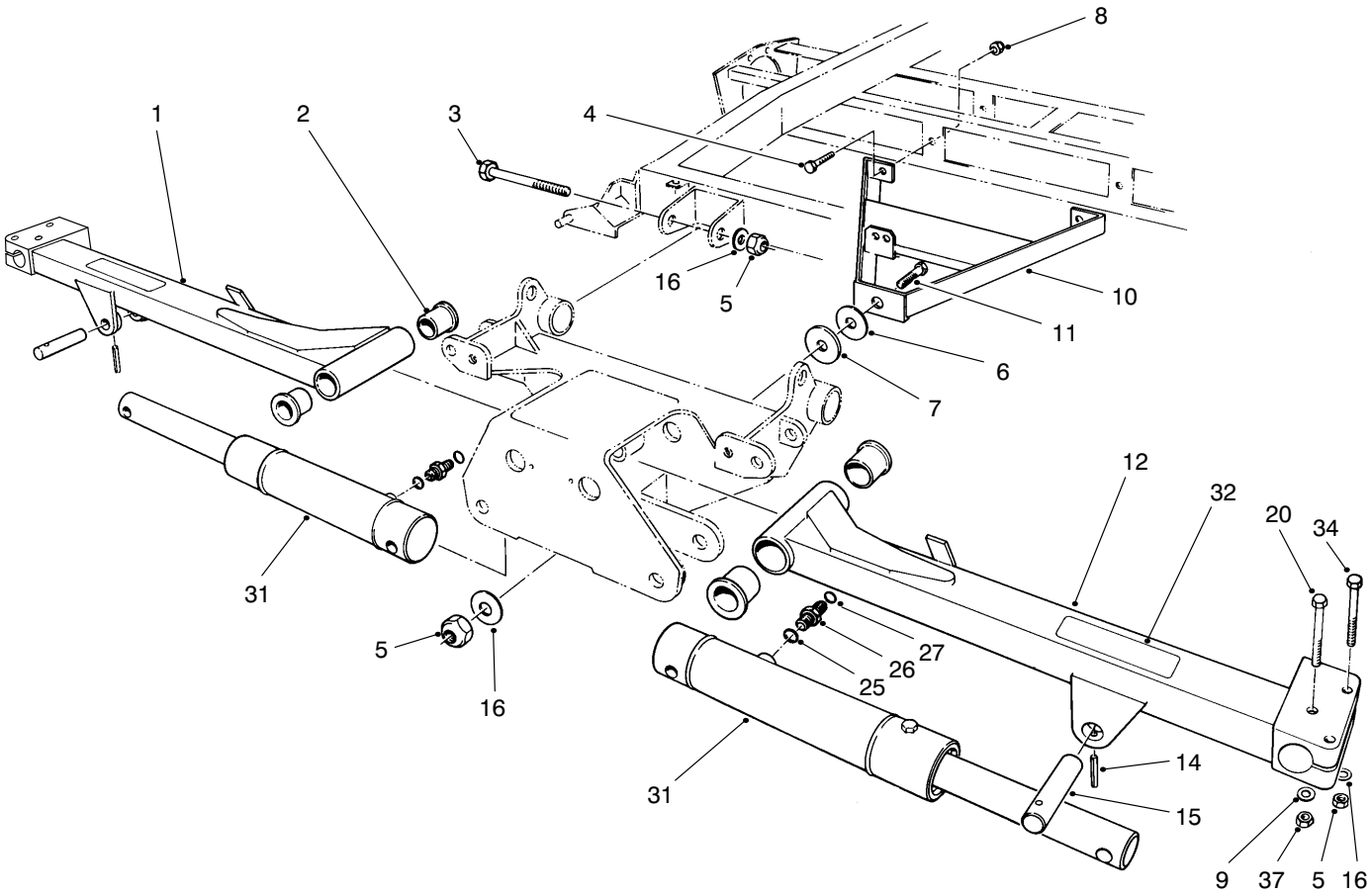


T−0135

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
7	59−7780	O−Ring	2
†8		Body	1
†9		Spool	1
*	59−7890	Kit − Seal (Incl. Ref. #1, 5, 6 & 7)	1

*Not Illustrated
†Not Serviceable Separately

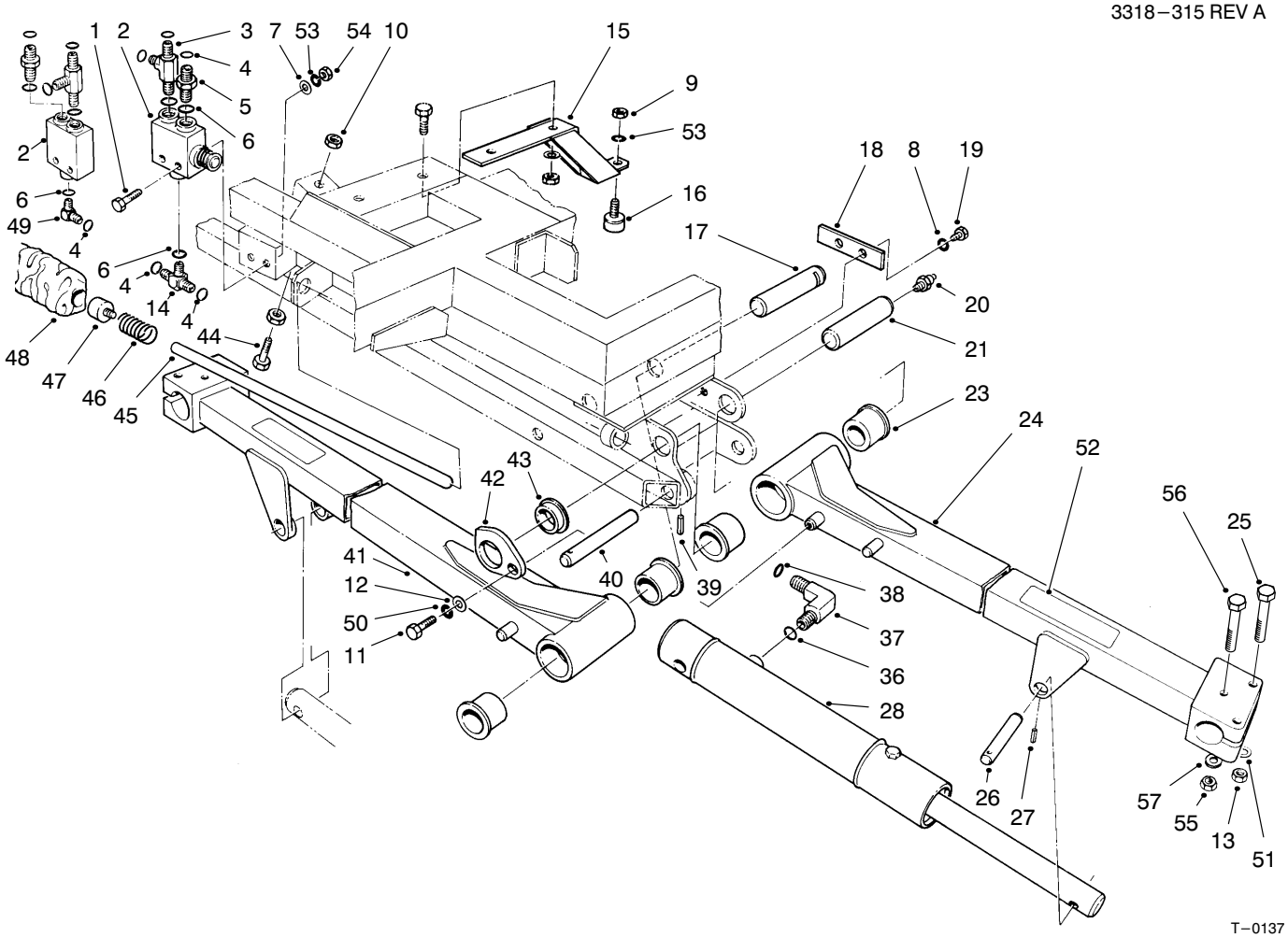


T−0136A

NO. 2 & 3 LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92−9291	No. 3 Lift Arm	1
2	68−6480	Bushing	4
3	325−17	Screw − HH	2
4	323−7	Screw − HH	2
5	3296−23	Nut − Lock	7
6	52−6180	Washer	A/R
7	60−3250	Washer − Rubber	1
8	3290−357	Nut − Lock	2
9	3256−56	Washer − Flat	2
10	92−9246	A−Frame	1
11	325−7	Screw − HH	1
12	92−9290	No. 2 Lift Arm	1
14	60−1280	Pin − Roll	2

Ref. No.	Part No.	Description	No. Used
15	58−4380	Pin − Pivot	2
16	3256−26	Washer − Flat	7
20	323−13	Screw − HH	2
25	237−42	O−Ring	2
26	340−2	Adapter (Incl. Ref. #25 & 27)	2
27	237−22	O−Ring	2
31	84−6210	Asm−Hydraulic Cylinder	2
32	61−3610	Decal	2
32	93−7331	Decal − (Europe)	1
34	325−34	Screw − HH	4
37	3296−39	Nut − Lock	2

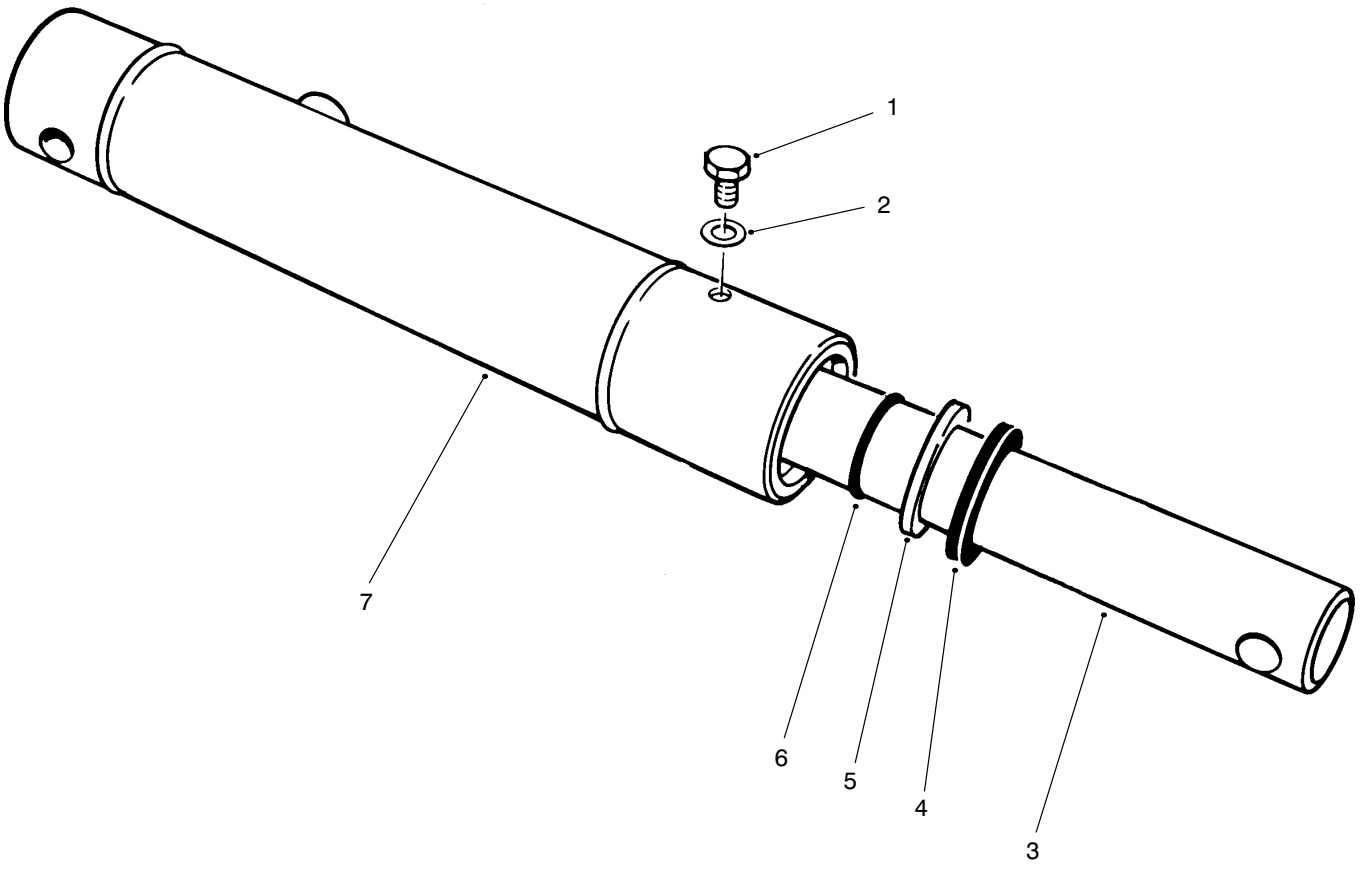


NO. 1, 4 & 5 LIFT ARMS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322−12	Screw − HH	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	42−9850	Washer − Lock	4
9	48−7930	Nut − Hex.	2
10	48−9530	Nut − Hex.	2
11	323−6	Screw − HH	2
12	3256−3	Washer	2
13	3296−23	Nut − Lock	6
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	42−9230	Screw − HH	4
20	302−5	Fitting − Grease	3
21	60−0100	Pin − #4 & 5 Lift Arm Pivot	2
23	68−6480	Bushing	6
24	92−9296	Lift Arm No. 4	1
25	325−34	Screw − HH	6
26	58−4380	Pin − Pivot	3

Ref. No.	Part No.	Description	No. Used
27	60−1280	Pin − Roll	3
28	84−6210	Asm−Hydraulic 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	3285−11	Pin − Roll	3
40	58−2720	Pin − Pivot	3
41	92−9289	Lift Arm No. 1	1
42	58−9210	Cam	2
43	60−0080	Bushing − Flanged	2
44	53−5940	Screw − HH	1
45	60−1340	Rod − Push RH	1
*	60−1350	Rod − Push LH	1
46	58−3570	Spring − Compression	2
47	59−7140	Bumper	2
48	58−9630	Sleeve − Protector	2
49	340−17	Fitting (Incl. Ref. #4 & 6)	1
50	3253−5	Washer − Lock	2
51	3256−26	Washer − Flat	6
52	61−3610	Decal	3
52	93−7331	Decal − (Europe)	1
53	3253−4	Washer − Lock	6
54	3217−6	Nut − Hex.	4
*	92−9297	Lift Arm No. 5	1
55	3296−39	Nut − Lock	3
56	323−13	Screw − HH	3
57	3256−56	Washer − Flat	3

*Not Illustrated



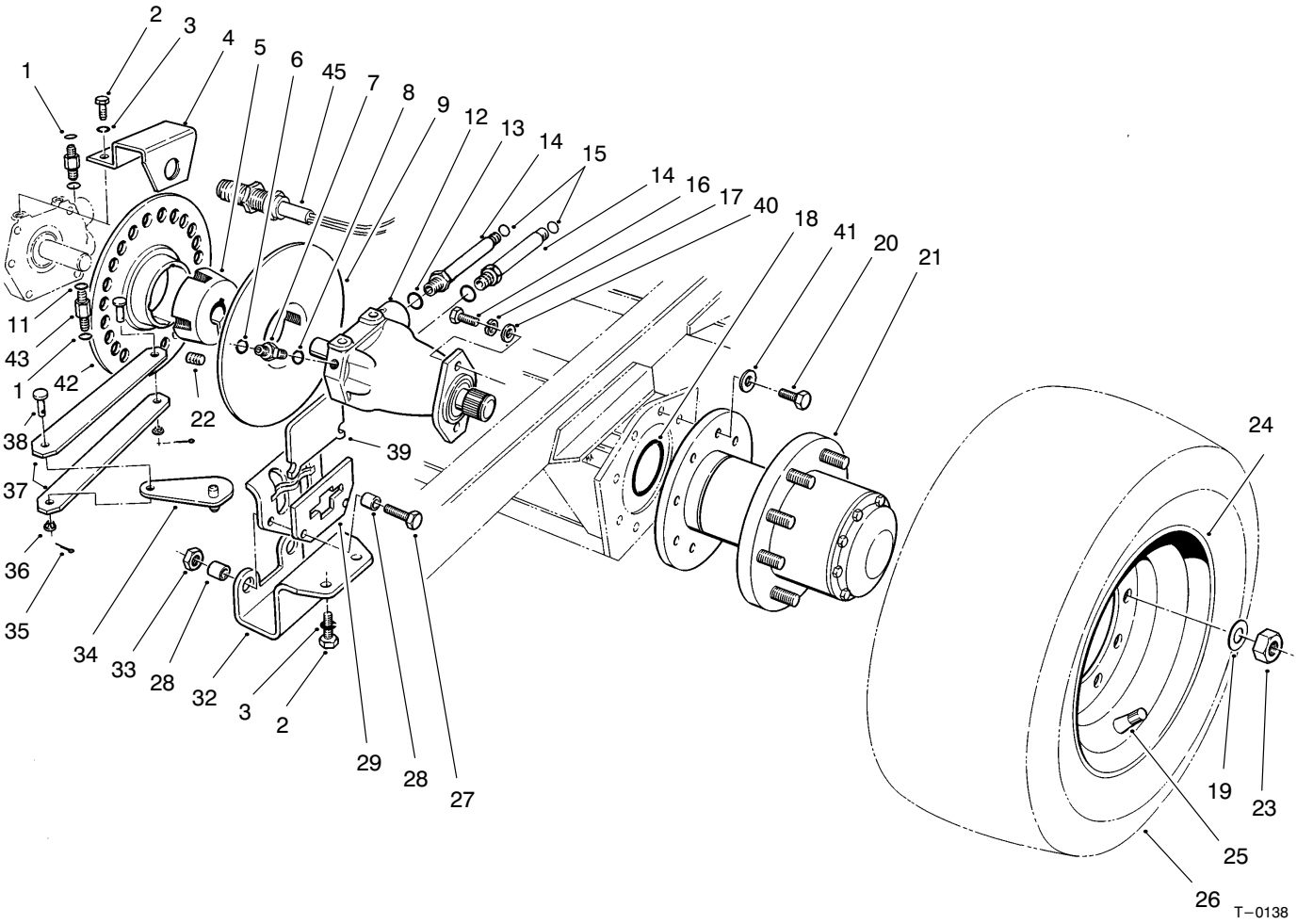
T−1685

HYDRAULIC CYLINDER ASSEMBLY NO. 84−6210

Ref. No.	Part No.	Description	No. Used
1	60−3660	Screw − Bleed	1
2	60−3650	Washer	1
†3		Rod	1
4	60−3630	Wiper	1
5	60−3620	Seal	1

Ref. No.	Part No.	Description	No. Used
6	60−3610	Ring − Snap	1
†7		Barrel	1
*	62−6370	Kit − Seal (Incl. Ref. #2 & 4−6)	1

†Not Sold Separately



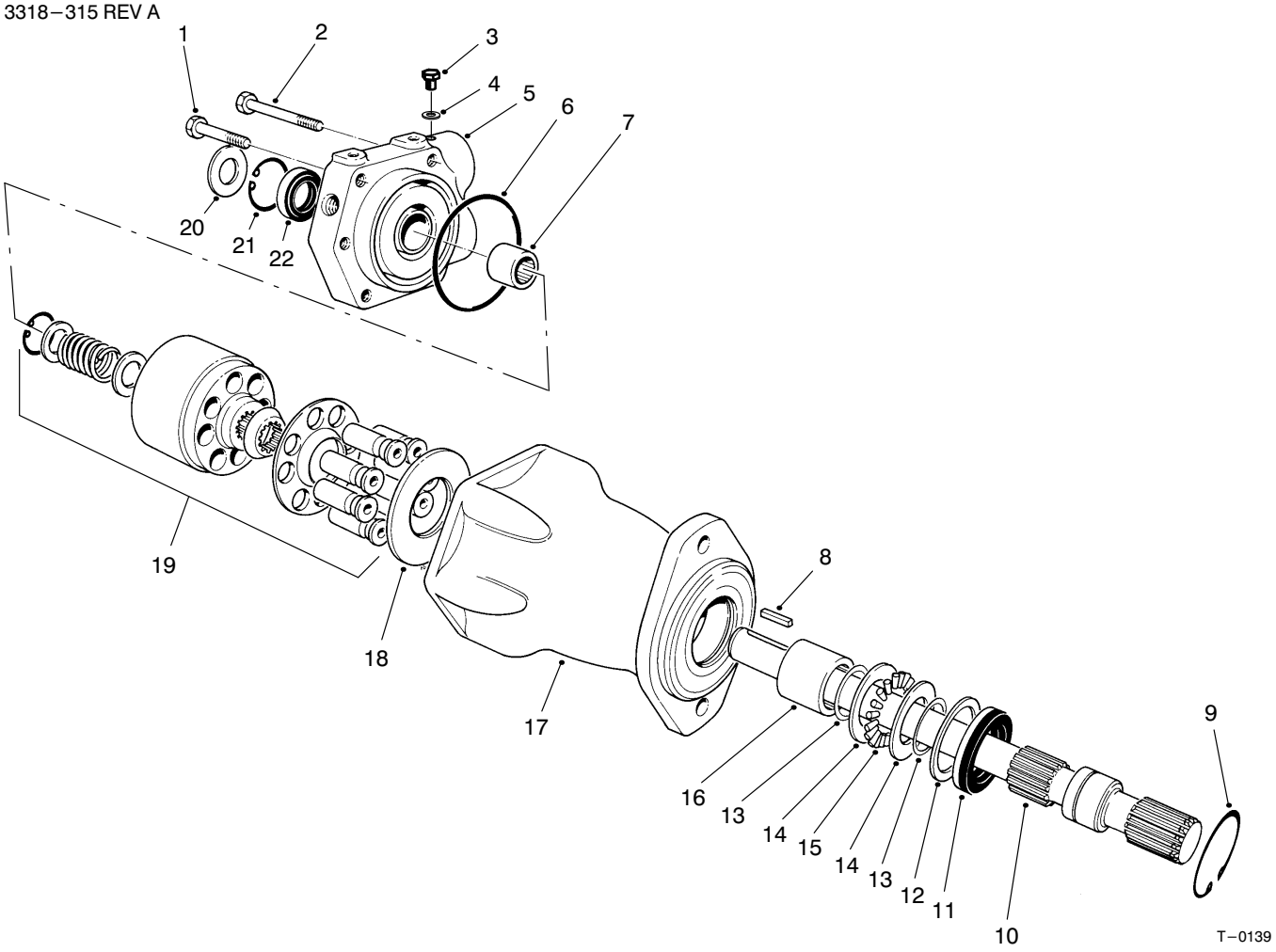
TRACTION DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237−21	O−Ring	2
2	322−3	Screw − HH	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
11	237−118	O−Ring	2
12	58−5430	Motor − Wheel	2
13	237−81	O−Ring	4
14	92−6058	Fitting (Incl. Ref. #13 & 15)	4
15	237−58	O−Ring	4
16	323−18	Screw − HH	4
17	3253−5	Washer − Lock	4
18	353−949	O−Ring	2
19	60−6990	Washer	18
20	327−3	Screw − HH	16
21	62−6400	Asm−Drive Hub	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	2
27	323−20	Screw − HH	4
28	58−3780	Spacer	8
29	29−1060	Bracket	2
32	58−0110	Bracket	2
33	3296−39	Nut − Lock	4
34	29−1070	Asm−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	2
43	340−90	Fitting (Incl. Ref. #1 & 11)	2
45	75−6700	Sensor − Magnetic	1

*Not Illustrated

3318−315 REV A

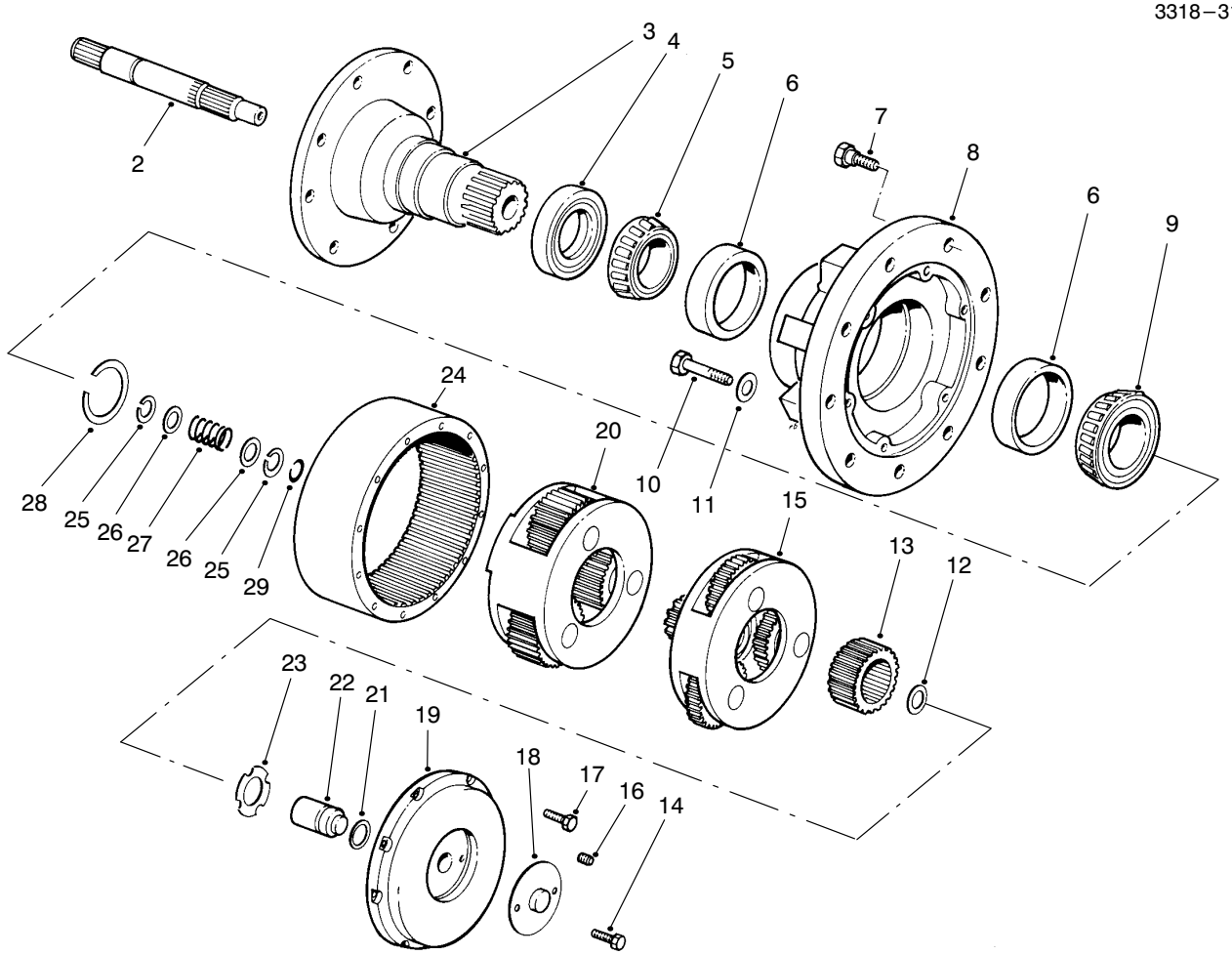


WHEEL MOTOR ASSEMBLY NO. 58−5430

Ref. No.	Part No.	Description	No. Used
1	59−8290	Screw − HH	3
2	59−8280	Screw − HH	3
3	353−948	Plug (Incl. Ref. #4)	2
4	237−118	O−Ring	2
5	59−8270	Asm−Back Plate (Incl. Ref. #7)	1
6	59−8260	O−Ring	1
7	60−3590	Bearing	1
8	59−8380	Key	1
9	32151−13	Ring − Retaining	1
10	59−8360	Shaft − Drive	1
11	59−8370	Seal − Shaft	1
12	33−3720	Washer	1
13	32151−29	Ring − Retaining	2

Ref. No.	Part No.	Description	No. Used
14	252−71	Race − Thrust	1
15	252−66	Bearing − Thrust	1
16	60−3380	Bearing	1
17	59−8300	Asm−Housing (Incl. Ref. #16)	1
18	59−8350	Asm−Camplate	1
19	59−8340	Asm−Rotating	1
20	84−6440	Shield − Grass	1
†21		Ring − Retaining	1
†22		Seal − Shaft	1
*	59−8390	Kit − Seal Repair (Incl. Ref. #6, 9, 11, 13, & 20−22)	1
*	66−5840	Kit − Seal Repair (Incl. Ref. #20−22)	1

*Not Illustrated
†Not Serviceable Separately



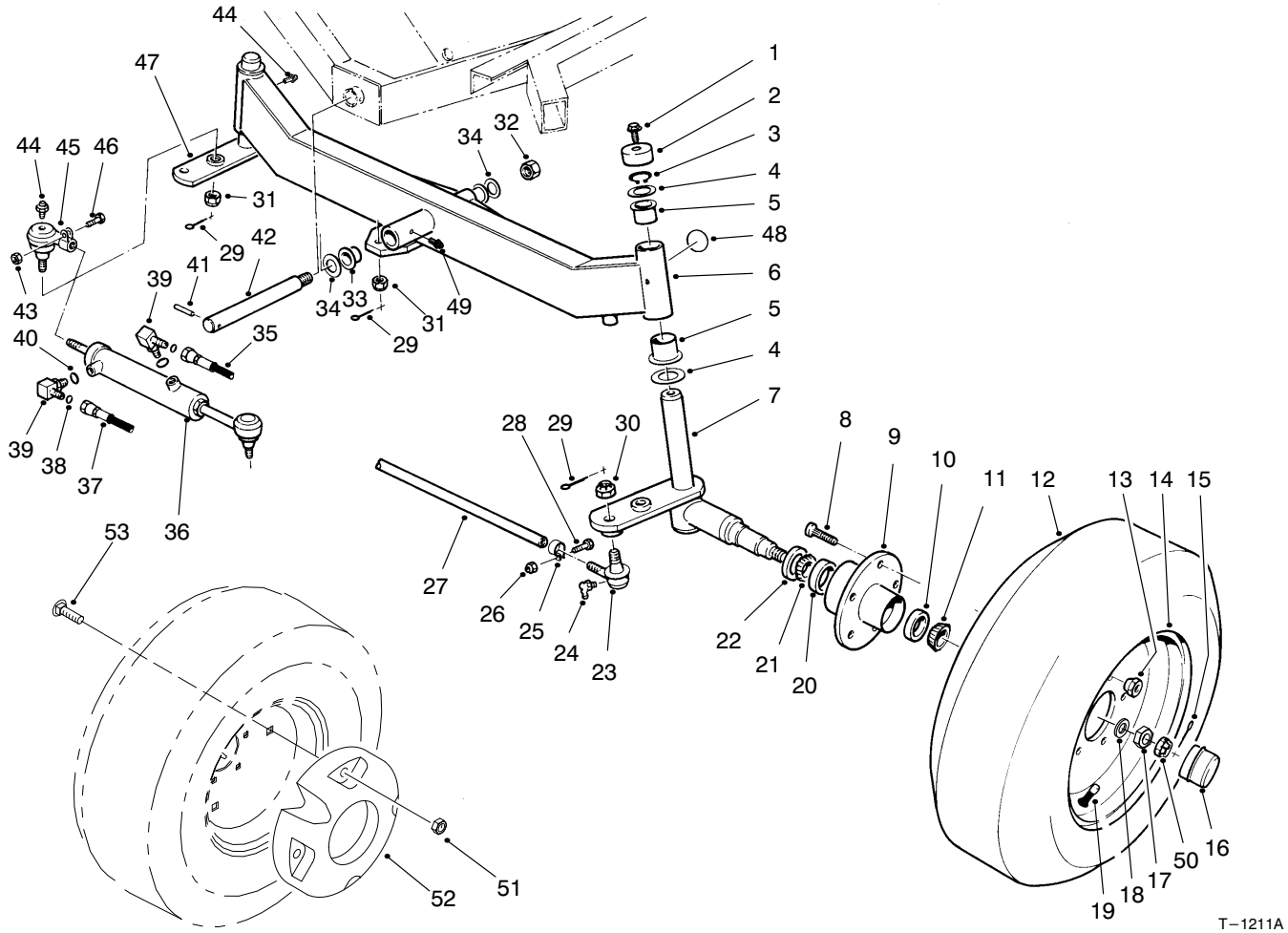
T−0140

PLANETARY GEAR DRIVE ASSEMBLY
Standard Speed Ratio (19.62:1)

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	62−6430	Gear − Primary Sun (Standard Speed Ratio)	1
14	60−4070	Bolt − Hex. Hd.	2
15	62−6410	Asm−Primary Carrier (Standard Speed Ratio)	1
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	62−6420	Asm−Secondary Carrier (Standard Speed Ratio)	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.

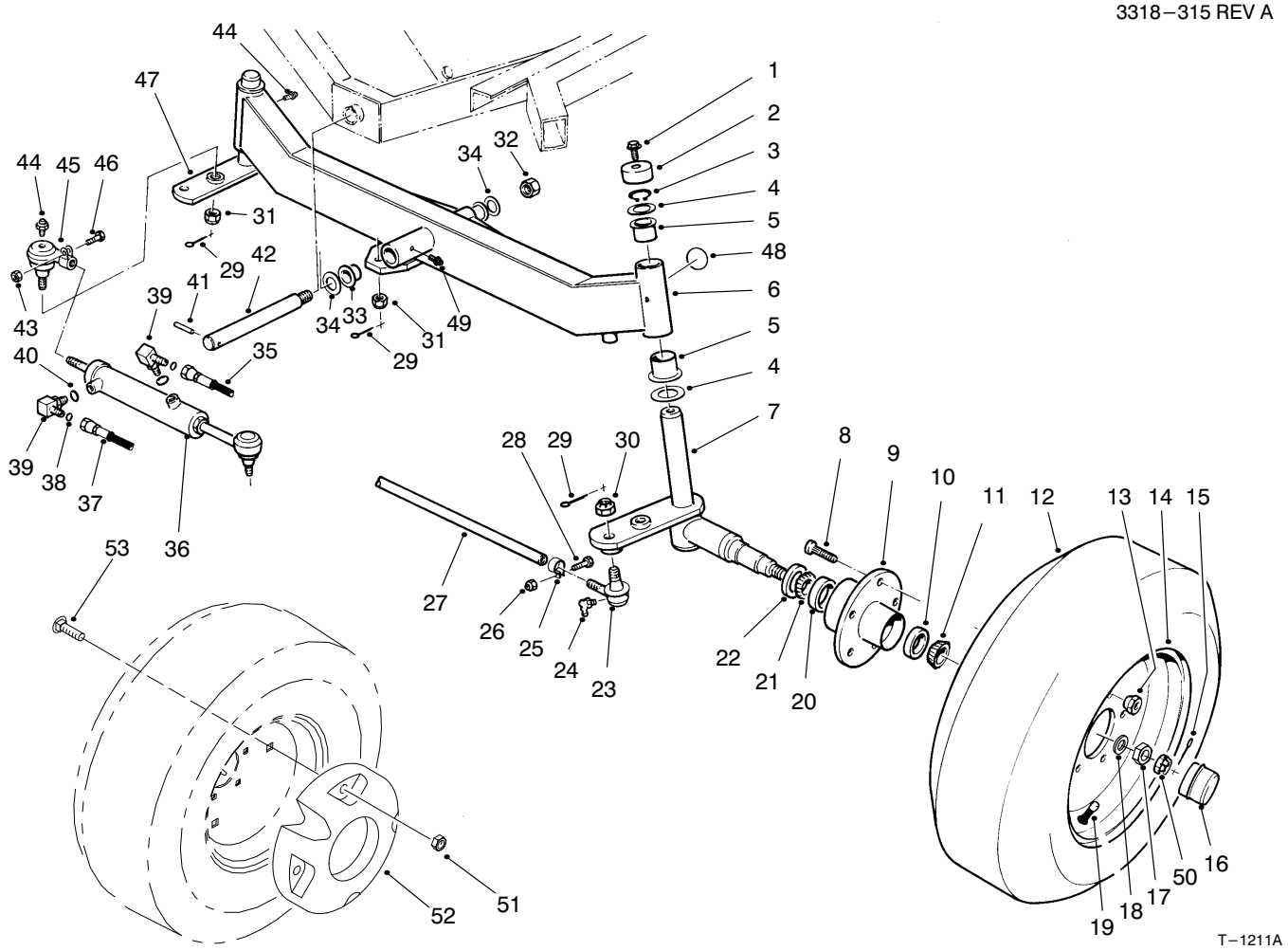


STEERING AXLE

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	93−0311	Spindle − Wheel LH	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	2
13	23−7270	Nut − Lug	10
14	217−116	Rim	2
15	3272−13	Pin − Cotter	2
16	69−2970	Cap − Hub	2
17	3220−7	Nut − Jam	2
18	93−0309	Washer − Tab	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 RH	1
*	2116−3	Joint − Ball, L.H.	1
24	302−33	Fitting − Grease	2

Ref. No.	Part No.	Description	No. Used
25	2412−7	Asm−Clamp (Incl. Ref. # 26 & 28)	2
†26		Nut − Lock	2
27	82−9260	Asm−Tie Rod (Incl. Ref. #23−26, 28 & 30)	1
†28		Screw − HH	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)	2
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	3
45	69−9810	Joint − Ball (Incl. Ref. #31, 43−44 & 46)	1
†46		Screw − HH	1

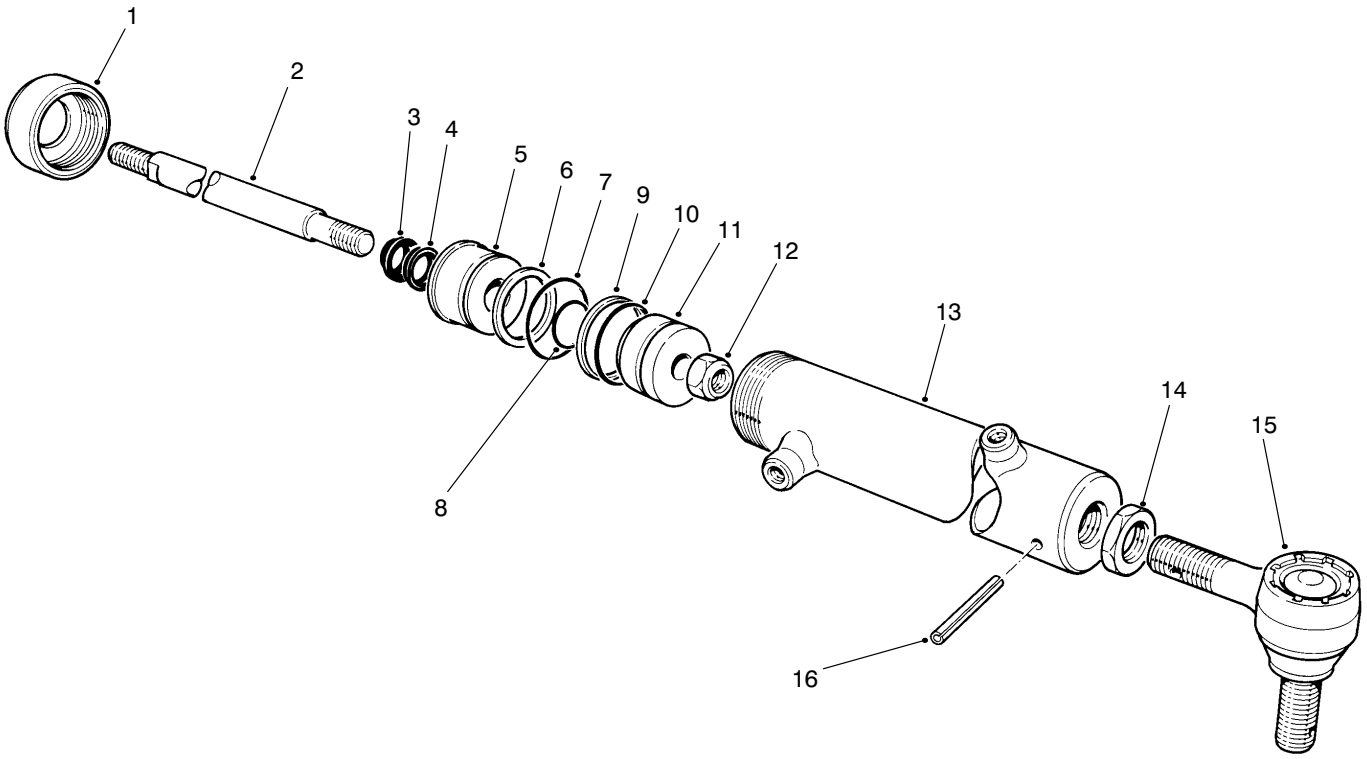
*Not Illustrated
†Not Serviceable Separately



STEERING AXLE (Continued)

Ref. No.	Part No.	Description	No. Used
47	93−0310	Spindle − Wheel RH	1
48	58−6520	Decal − Grease	2
49	302−11	Fitting − Grease	1
50	93−0307	Nut − Retainer	2

Ref. No.	Part No.	Description	No. Used
51	3296−25	Nut − Lock (Europe)	2
52	11−0440	Weight − (Europe)	4
53	3233−7	Bolt − Carriage (Europe)	8



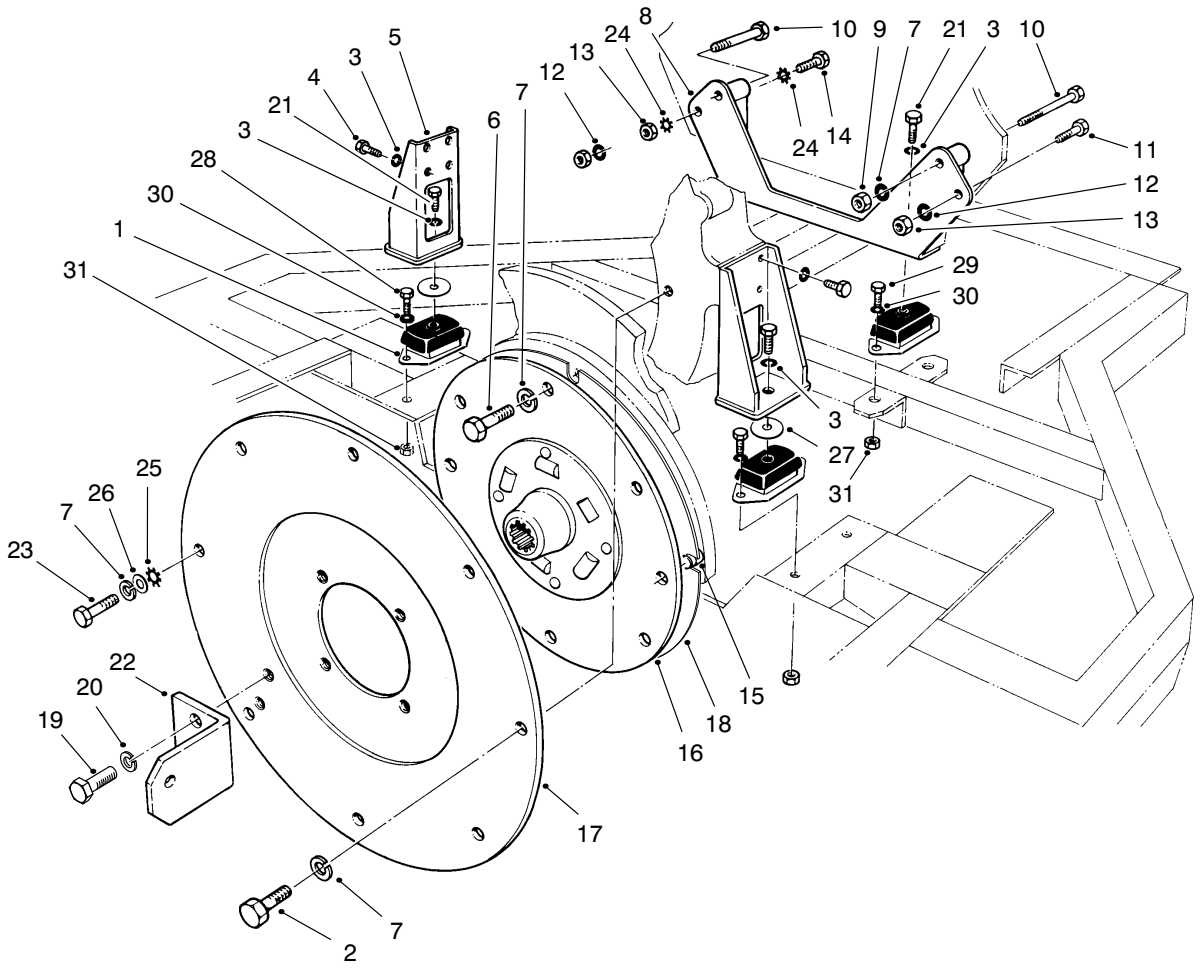
T−1209

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		Asm−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

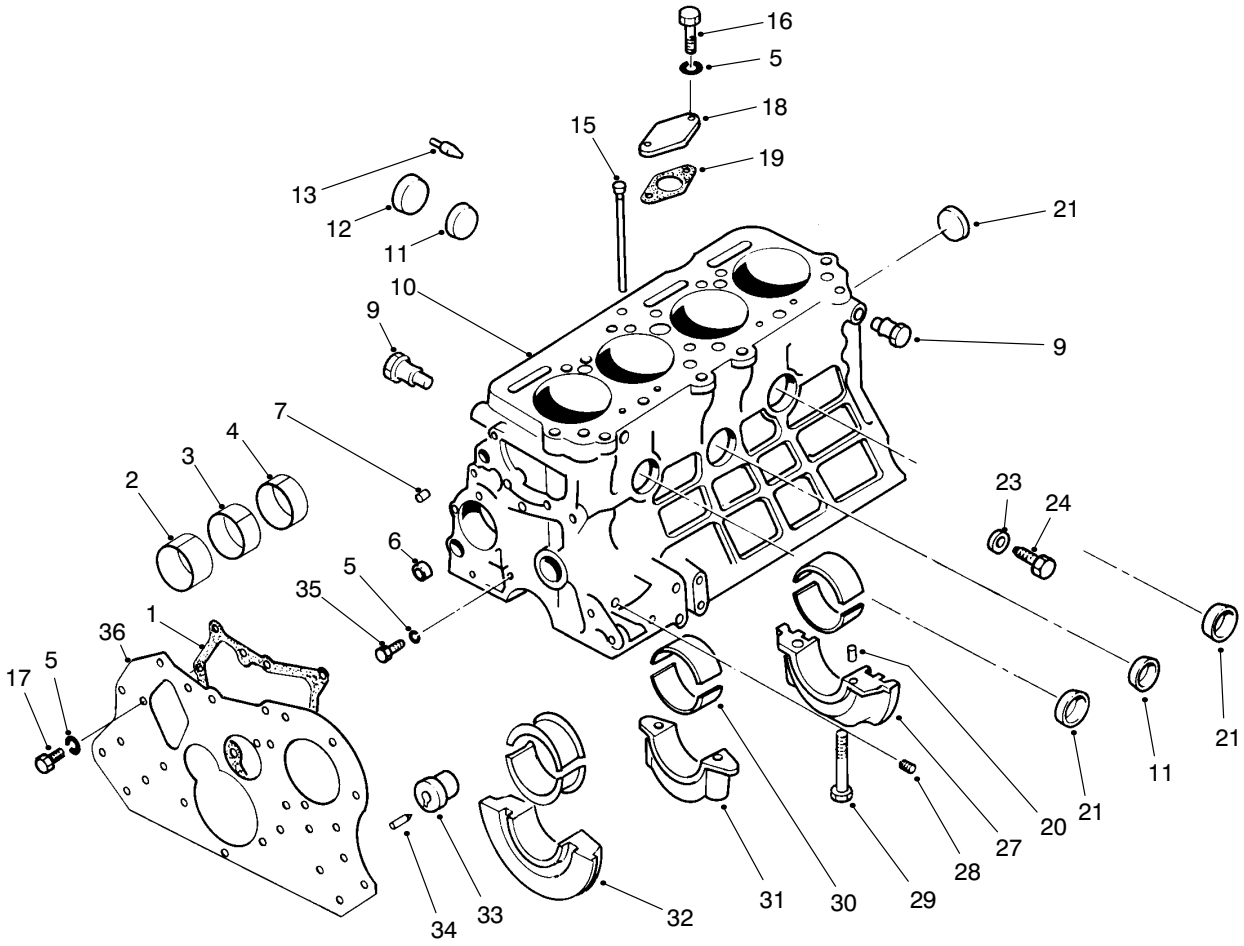


T−0142−2

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	48−3250	Mount − Rubber	4
2	48−9470	Screw	7
3	48−8070	Washer − Lock	12
4	48−7830	Screw − HH	8
5	48−3380	Leg − Support	2
6	48−7780	Screw − HH	6
7	48−9590	Washer − Lock	16
8	58−0660	Foot − Front	1
9	48−7960	Nut − Hex.	2
10	48−7570	Screw − HH	2
11	57−6380	Screw − HH	1
12	42−9850	Washer − Lock	2
13	48−7930	Nut − Hex.	3
14	57−6380	Screw − HH	1
15	58−3590	Dowel	2
16	92−1753	Coupling − Spring Center	1

Ref. No.	Part No.	Description	No. Used
17	69−9550	Plate − Pump Adapter	1
18	94−8451	Spacer − Coupling	1
19	3213−20	Screw − HH	2
20	3253−7	Washer − Lock	2
21	60−6870	Screw − HH	4
22	60−1010	Lug − Angle	1
23	48−9480	Screw	1
24	3255−8	Washer − Lock	2
25	3255−9	Washer − Lock	1
26	48−9580	Washer	1
27	58−5100	Washer	2
28	323−7	Screw − HH	4
29	323−6	Screw − HH	4
30	3256−24	Washer − Flat	8
31	32128−21	Nut − Hex.	8



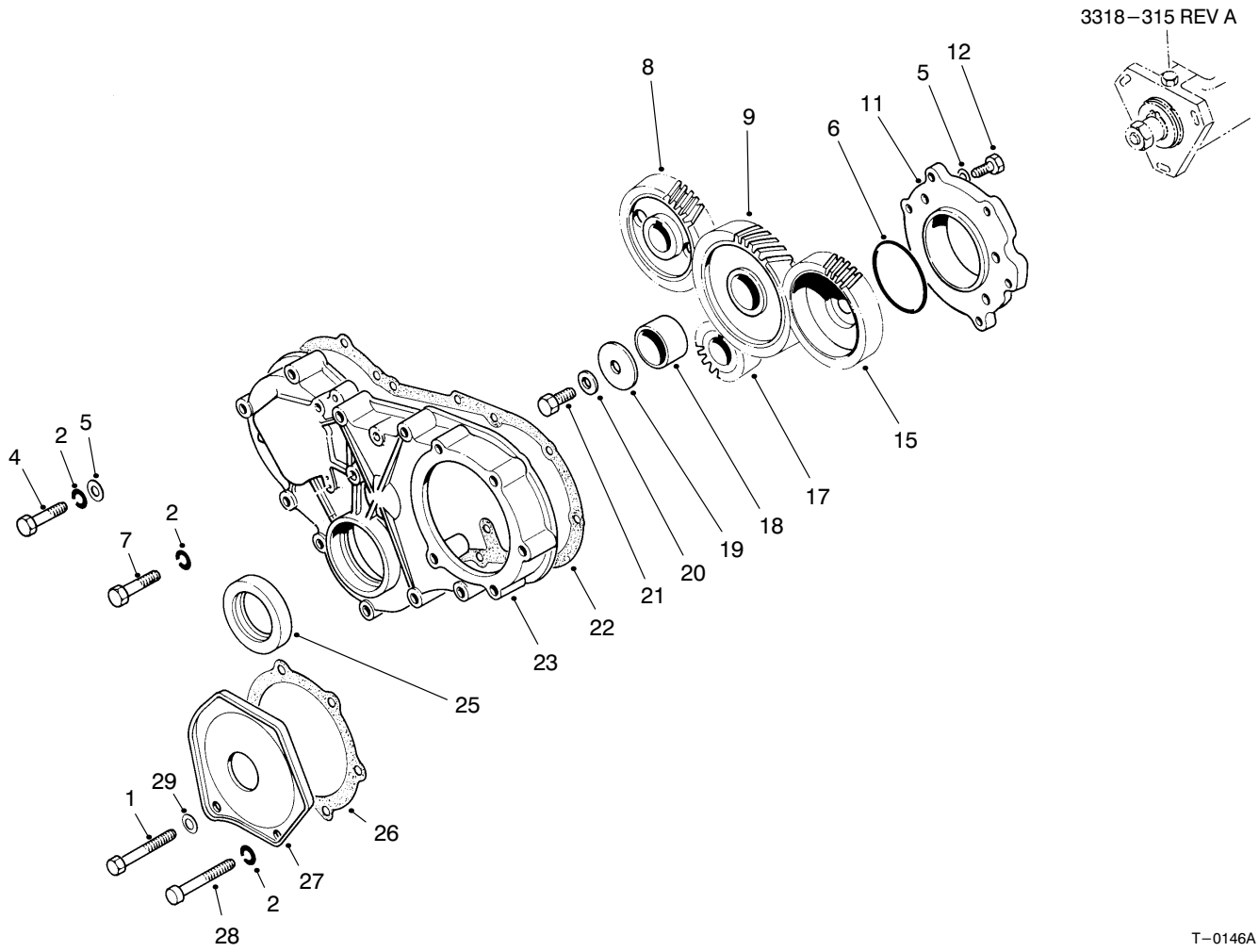
T−0143A

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
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
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
20	51−5610	Pin − Dowel	8

Ref. No.	Part No.	Description	No. Used
21	51−5590	Cap − Sealing	3
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	Asm−Idler Gear Shaft (Incl. Ref. #34)	1
34	51−5650	Pin − Spring	1
35	60−7310	Bolt	1
36	86−6250	Plate − Front	1
*	92−5268	Kit − Engine Gasket	1
*	92−2986	Engine − Complete	1

*Not Illustrated
†Not Serviceable Separately ‡Included in Engine Gasket Kit

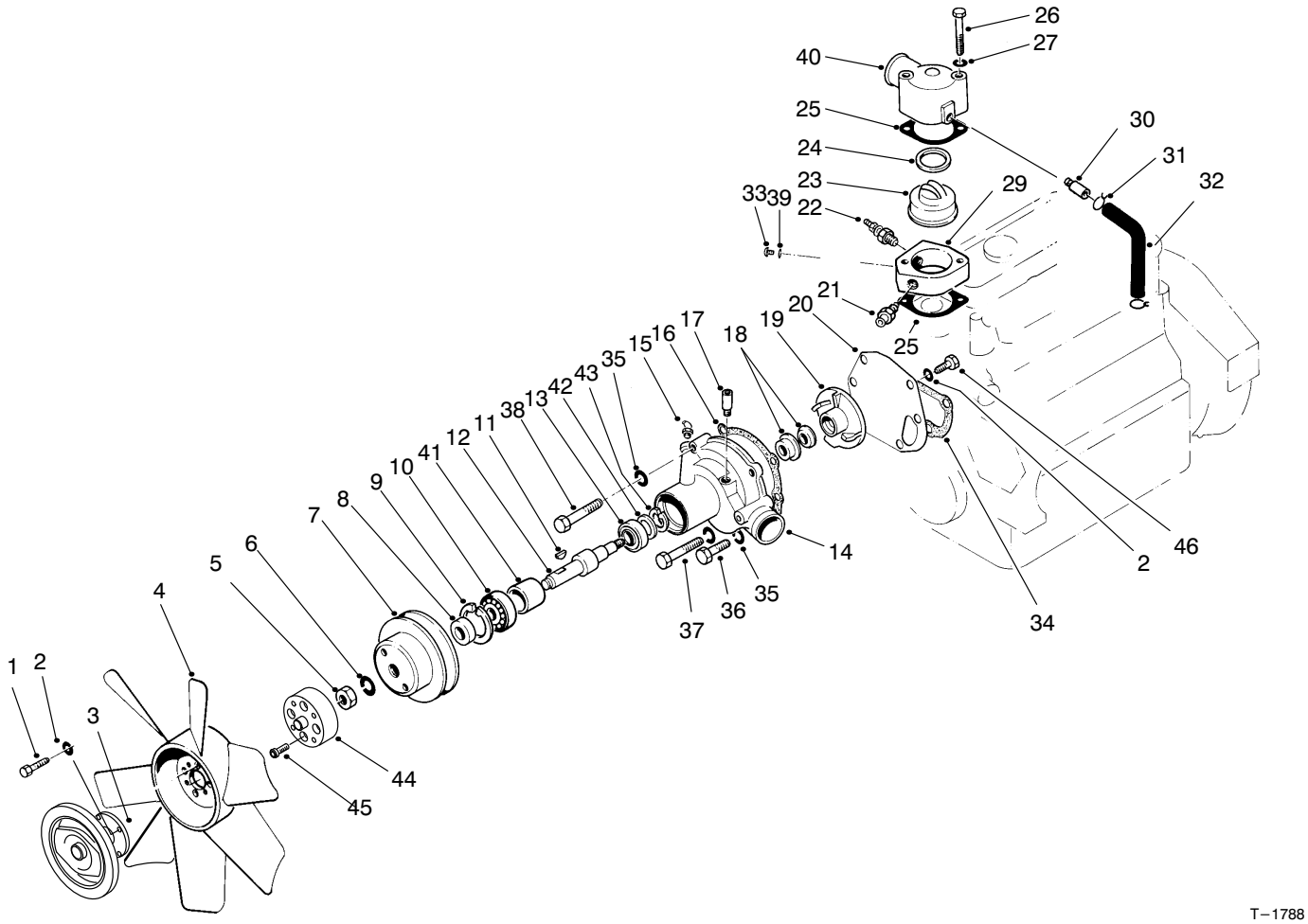


TIMING GEAR & CASE COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	60−7180	Bolt	1
2	51−7250	Washer − Spring	13
4	92−6094	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	Asm−Idler Gear (Incl. Ref. #18)	1
11	60−7200	Plate − Flange	1
12	51−8310	Bolt	1
15	86−6310	Gear − Injector Pump	1

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	92−6096	Case − Timing Gear	1
25	51−5870	Seal	1
‡26	51−5860	Gasket	1
27	51−5850	Cover	1
28	70−2860	Bolt	4
‡29	51−5840	Washer − Sealing	1

‡Included in Engine Gasket Kit



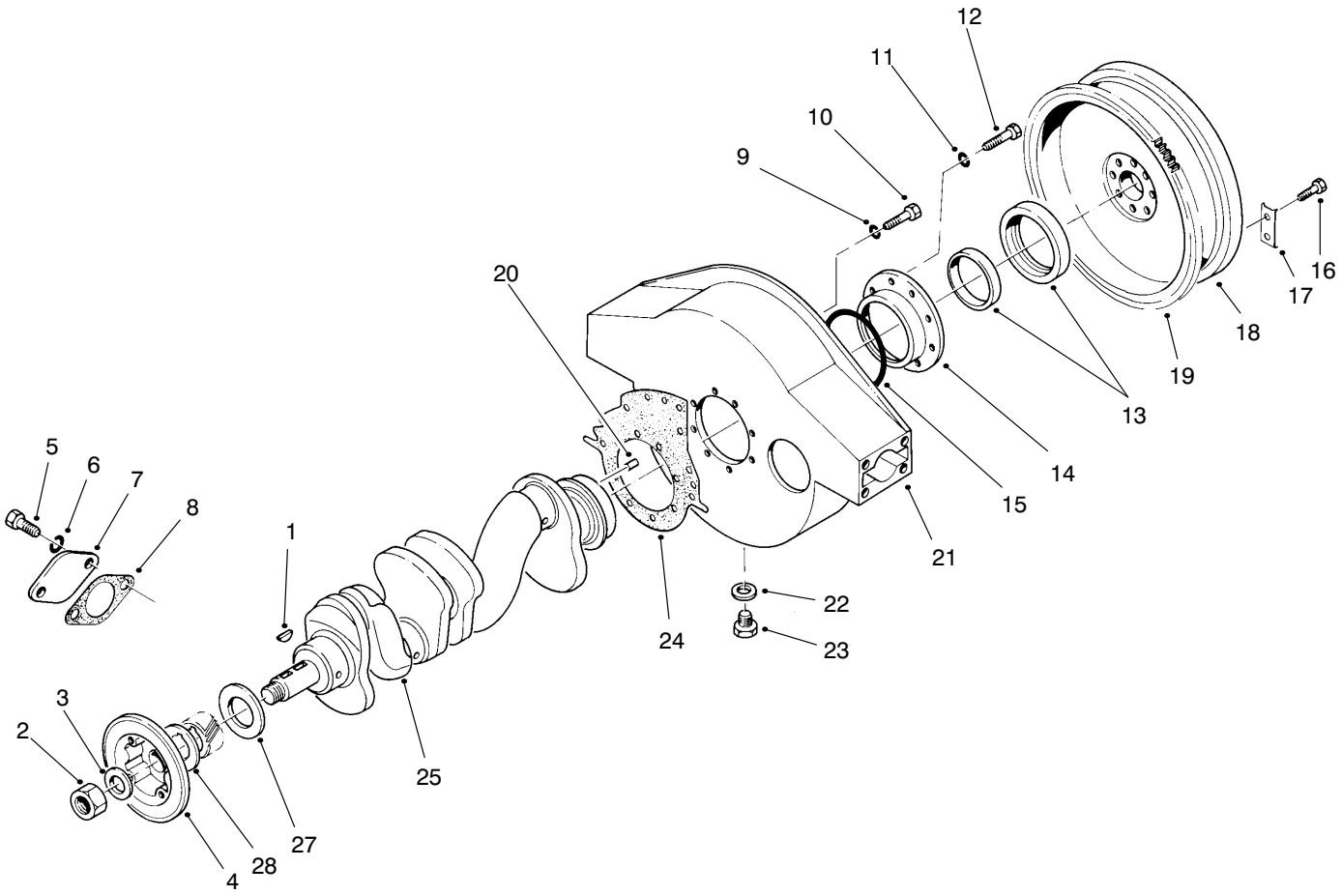
T−1788

WATER PUMP & THERMOSTAT HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322−2	Screw − HH	8
2	51−7250	Washer − Spring	2
3	93−1430	Clutch − Fan	1
4	92−2961	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	1
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	Asm−Water Pump (Incl. Ref. #1, 2, 5, 6, & 8−13)	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	59−7160	Sender − Temp.	1

Ref. No.	Part No.	Description	No. Used
23	51−7230	Thermostat	1
‡24	51−7220	Gasket	1
‡25	51−7210	Gasket	2
26	68−6030	Screw − HH	2
27	3253−4	Washer − Lock	10
29	92−9265	Housing − Thermostat	1
30	51−7170	Pipe	1
31	51−7200	Clamp − Hose	2
32	70−5040	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	3255−5	Washer − Lock	1
40	51−7160	Asm−Elbow (Incl. Ref. #30)	1
41	86−6370	Spacer	1
42	86−6360	Washer	1
43	86−6350	Ring − Retaining	1
44	92−4760	Spacer − Fan	1
45	92−5697	Screw − Hex. Socket Hd.	4
46	60−7110	Bolt	2

‡Included in Engine Gasket Kit



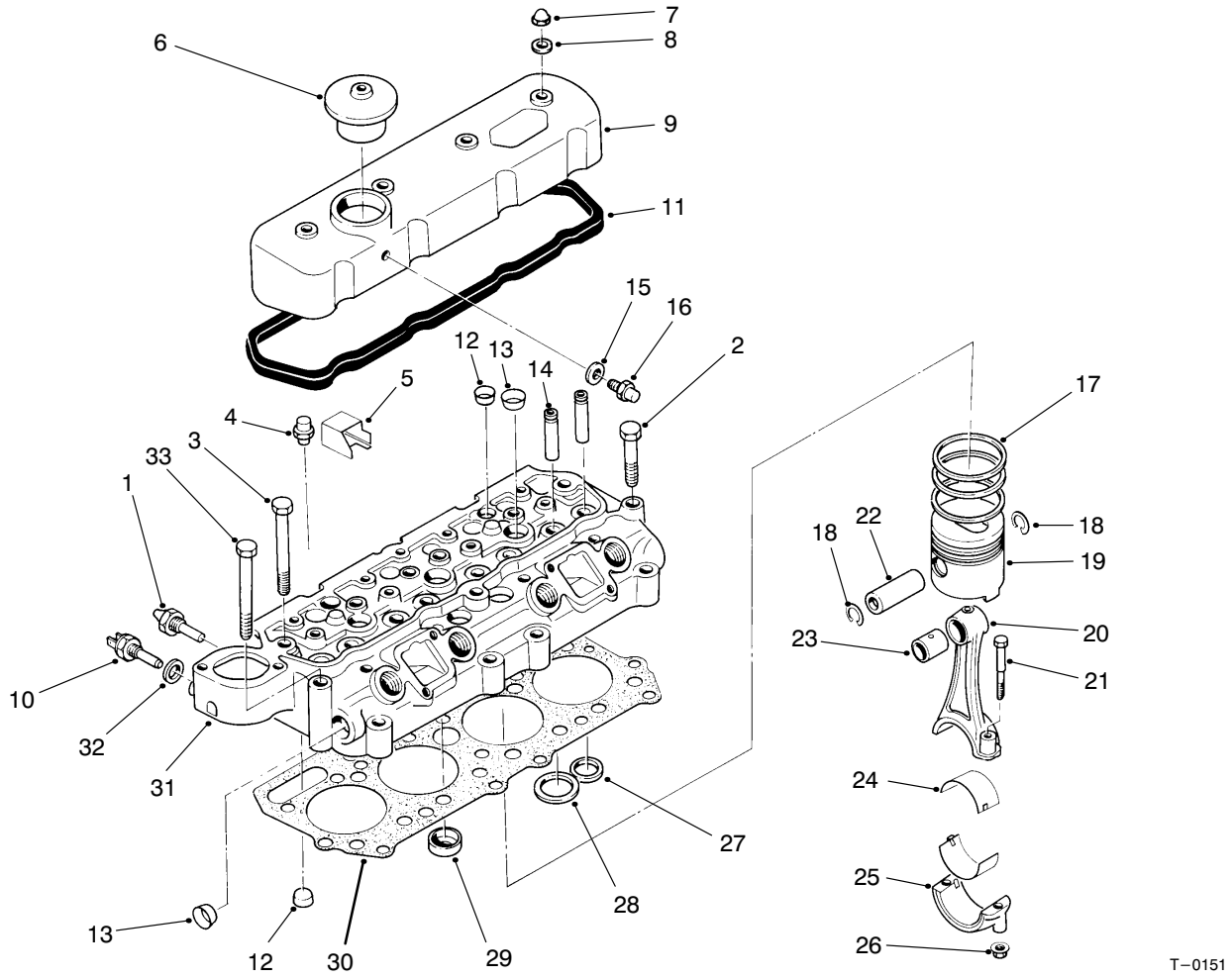
T−0150−1

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	Asm−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	Asm−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	Asm−Crankshaft (Incl. Ref. #1−3, & 20)	1
27	51−6330	Plate − Thrust	1
28	51−6320	Plate − Baffle	1

‡Included in Engine Gasket Kit



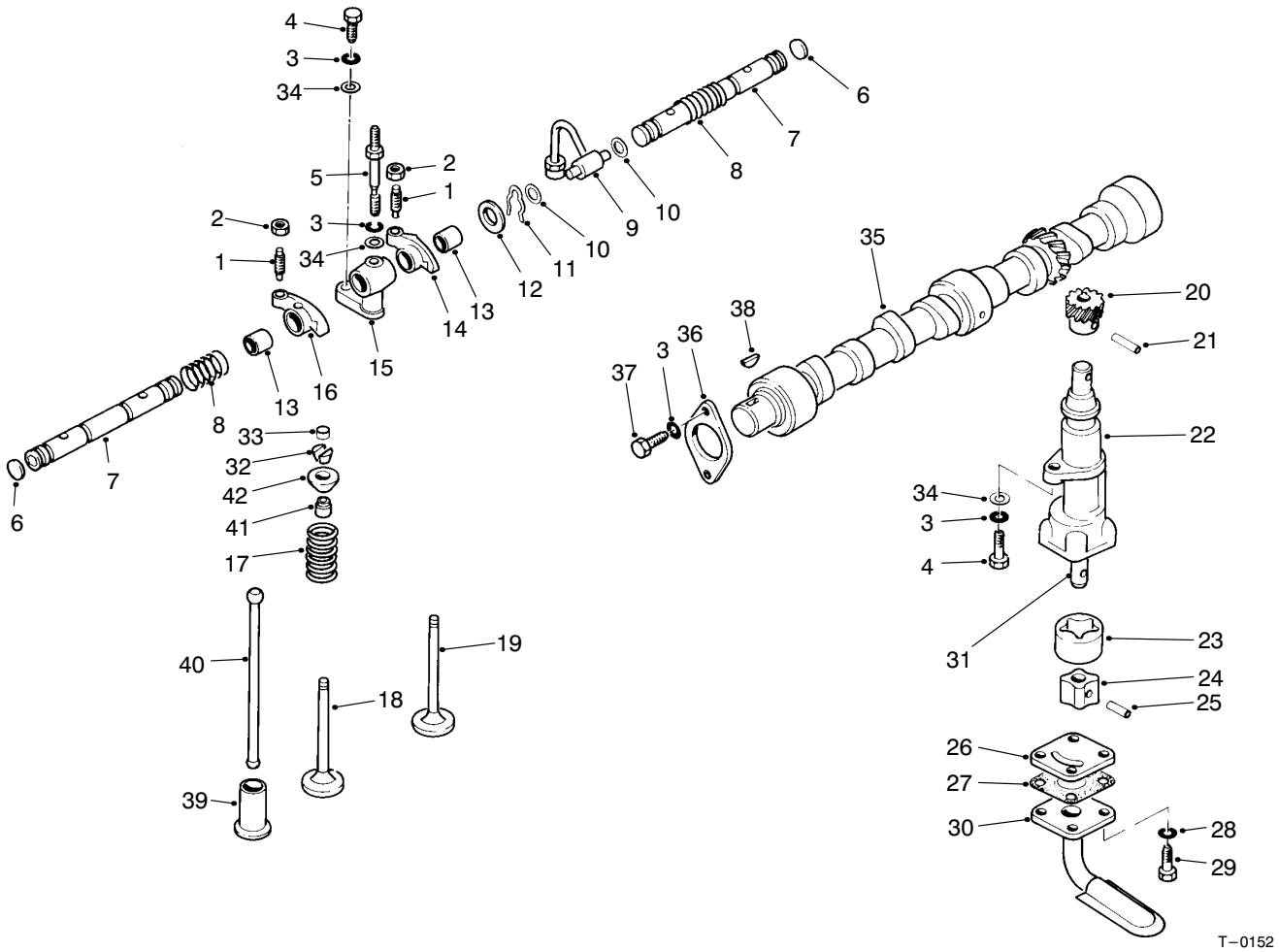
CYLINDER HEAD & PISTON COMPONENTS

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	Asm−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	92−5262	Piston Ring Set Std.	1
*	92−5263	Piston Ring Set 0.5. 0.25mm	1
*	92−5264	Piston Ring Set 0.5. 0.50mm	1
18	51−6190	Ring − Snap	8
19	92−5259	Piston Std.	4
*	92−5260	Piston .05 0.25mm	4
*	92−5261	Piston .05 0.5mm	4

Ref. No.	Part No.	Description	No. Used
20	51−6200	Asm−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	92−5265	Jet − Combustion Std.	4
‡30	92−5266	Gasket − Cylinder Head	1
31	92−5267	Asm−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 ‡Included in Engine Gasket Kit

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

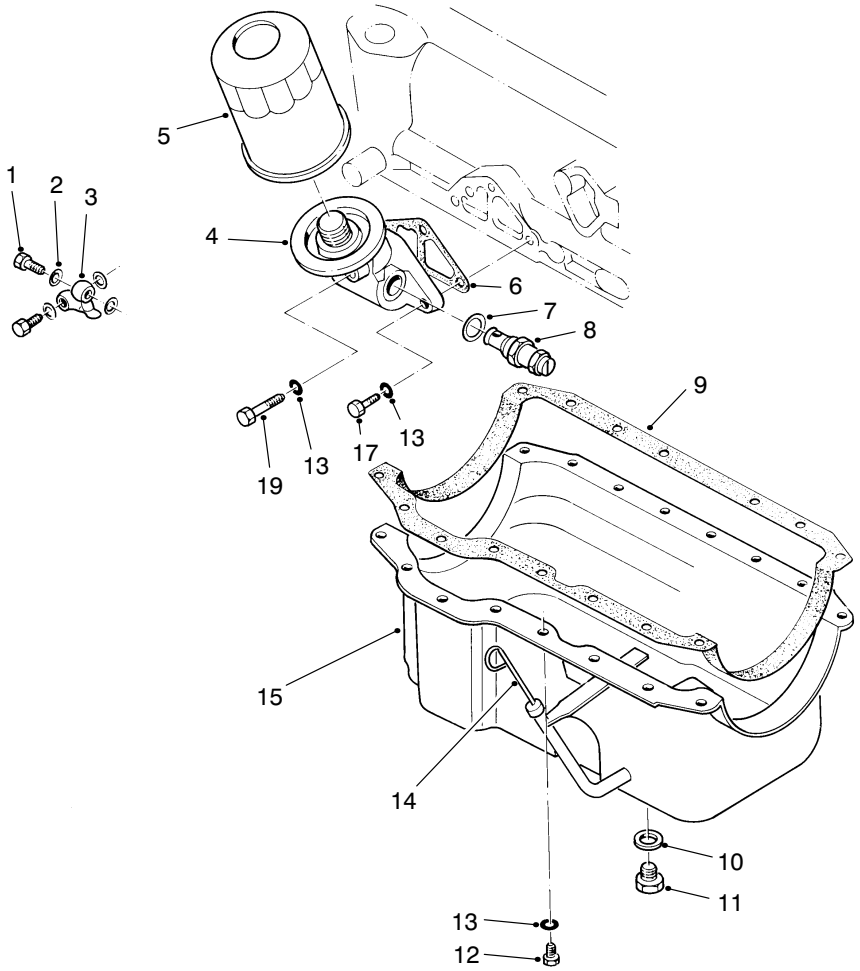


VALVE, CAMSHAFT & PUMP COMPONENTS

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	Asm−Rocker Shaft (Incl. Ref. #6)	2
8	51−5100	Spring − Rocker Shaft	2
9	51−5250	Pipe − Oil	1
‡10	51−5240	O−Ring	2
11	51−5260	Ring − Snap	4
12	51−5270	Washer	4
13	51−5120	Bushing − Rocker	8
14	51−5200	Asm−Rocker (Incl. Ref. #1, 2 & 13)	4
15	51−5150	Bracket − Rocker Shaft	4
16	51−5110	Asm−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	Asm−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	Asm−Oil Pump Rotor (Incl. Ref. #23−25 & 31)	1

*Not Illustrated
†Not Serviceable Separately ‡Included in Engine Gasket Kit

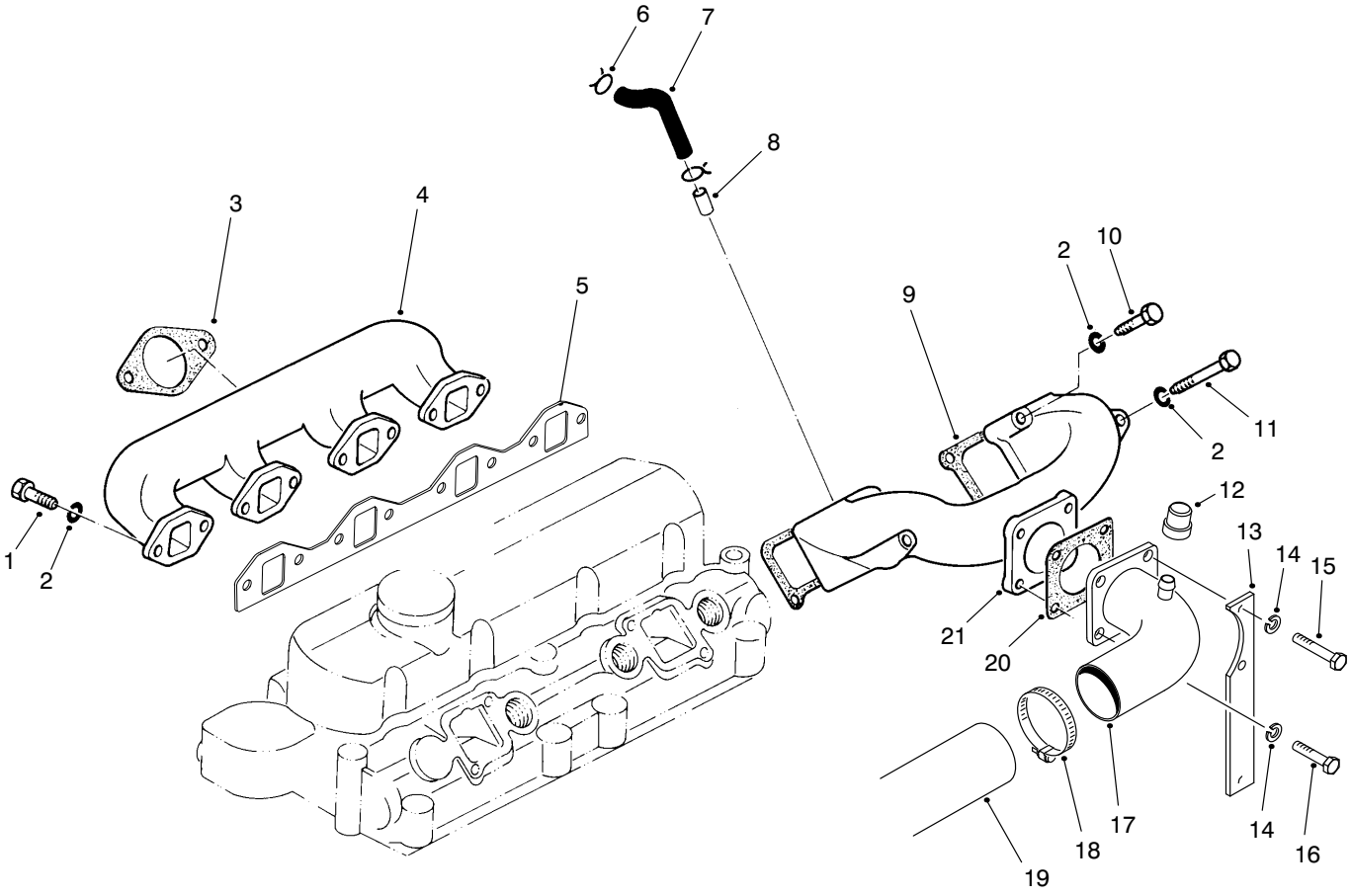


OIL PAN & OIL FILTER

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	Asm−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	Asm−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	Asm−Oil Pan (Incl. Ref. #10 & 11)	1
17	60−7370	Bolt	2
19	60−7360	Bolt	1

‡Included in Engine Gasket Kit



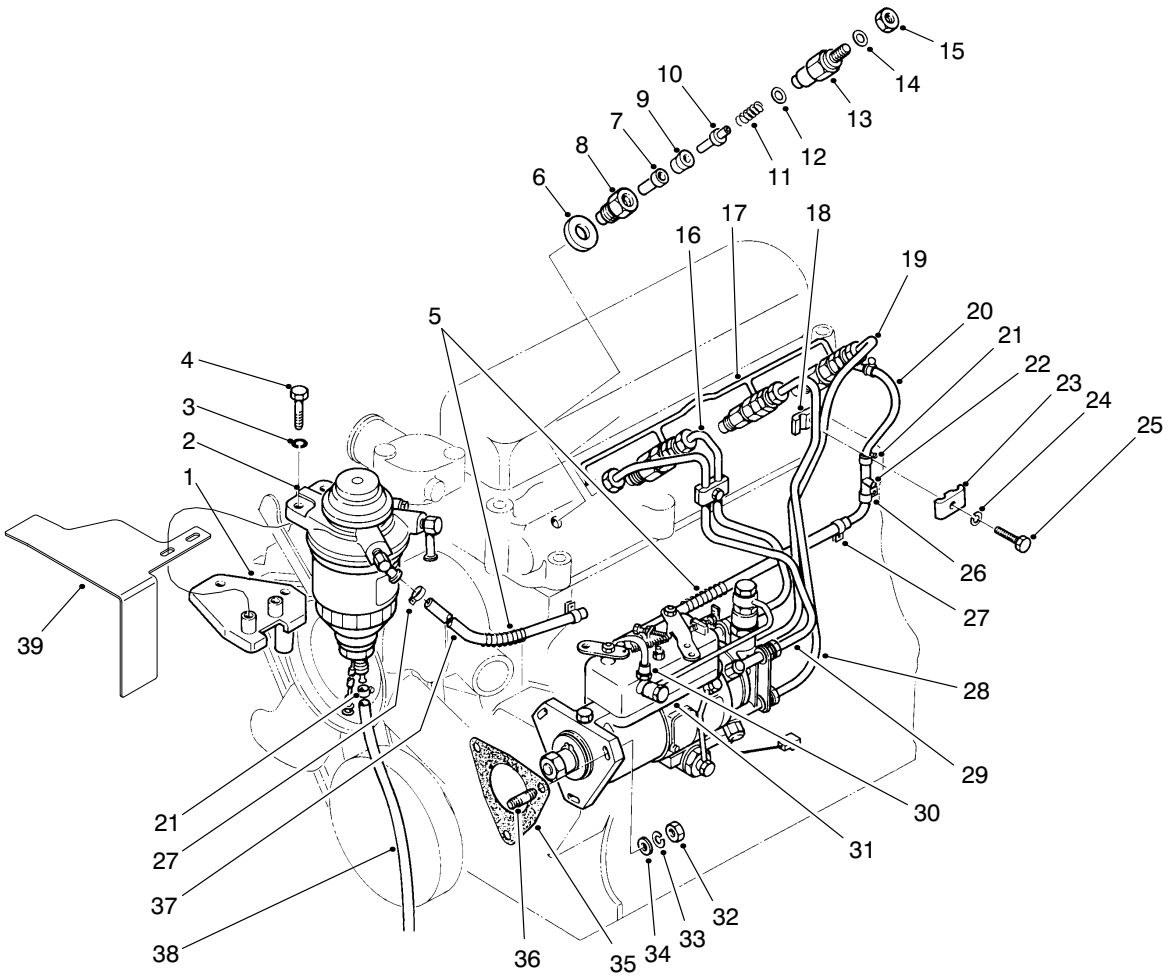
T−1686

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
8	51−7170	Pipe	1
‡9	51−6500	Gasket − Intake Manifold	2
10	60−7040	Bolt	2
11	60−7300	Bolt	2

Ref. No.	Part No.	Description	No. Used
12	69−1940	Indicator − Electrical	1
13	92−4754	Bracket − Cable	1
14	43−5930	Washer − Lock	4
15	48−7630	Screw − HH	2
16	48−7620	Screw − HH	2
17	92−4731	Pipe − Intake	1
18	2412−42	Clamp − Hose	1
19	92−4752	Hose − Intake	1
‡20	51−6550	Gasket − Intake Pipe	1
21	51−6540	Manifold − Inlet	1

‡Included in Engine Gasket Kit



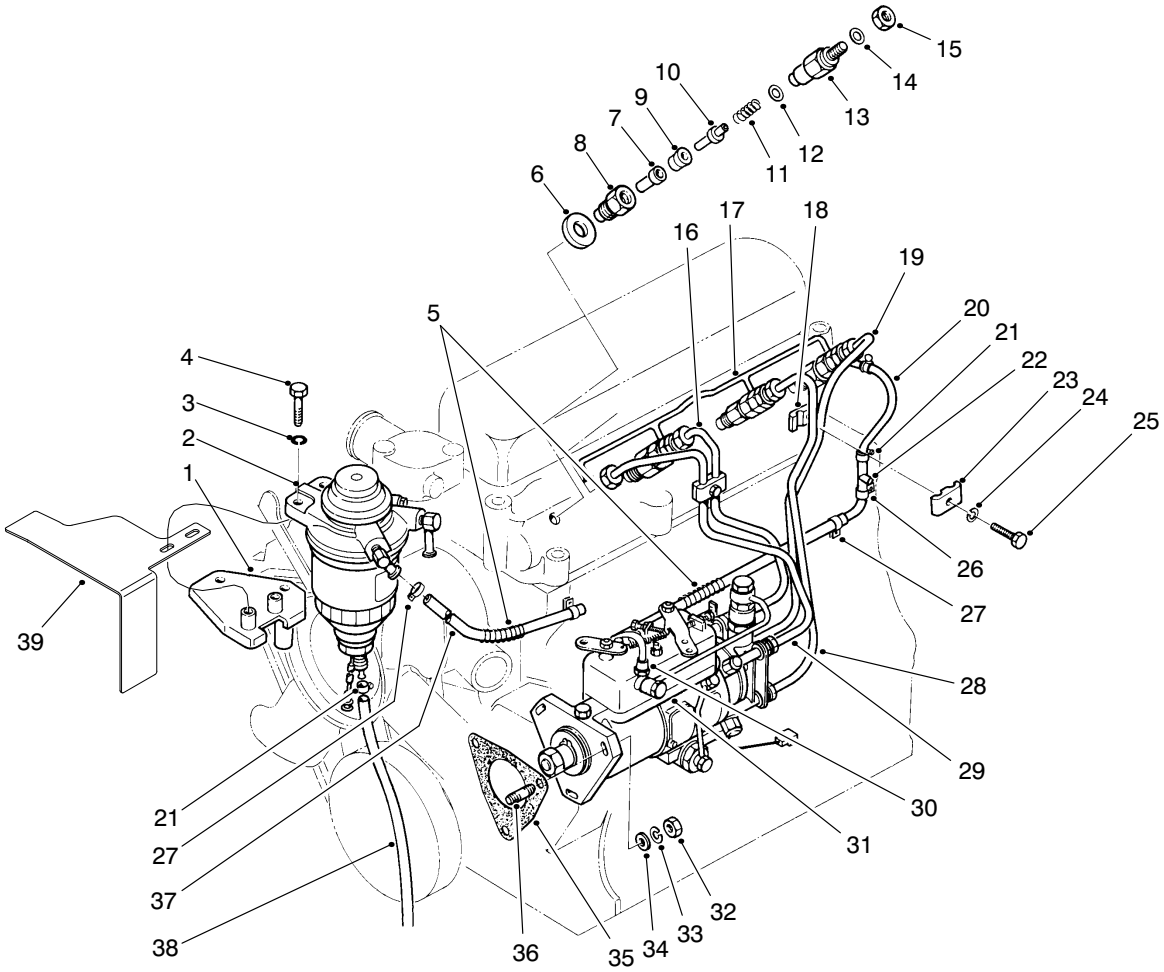
T−0155A

INJECTION PUMP & NOZZLE COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	60−5000	Bracket	1
2	60−5010	Asm−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	Asm−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

Ref. No.	Part No.	Description	No. Used
*12	51−8520	Shim − 1.70mm	A/R
*	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	Asm−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

*Not Illustrated
‡Included in Engine Gasket Kit

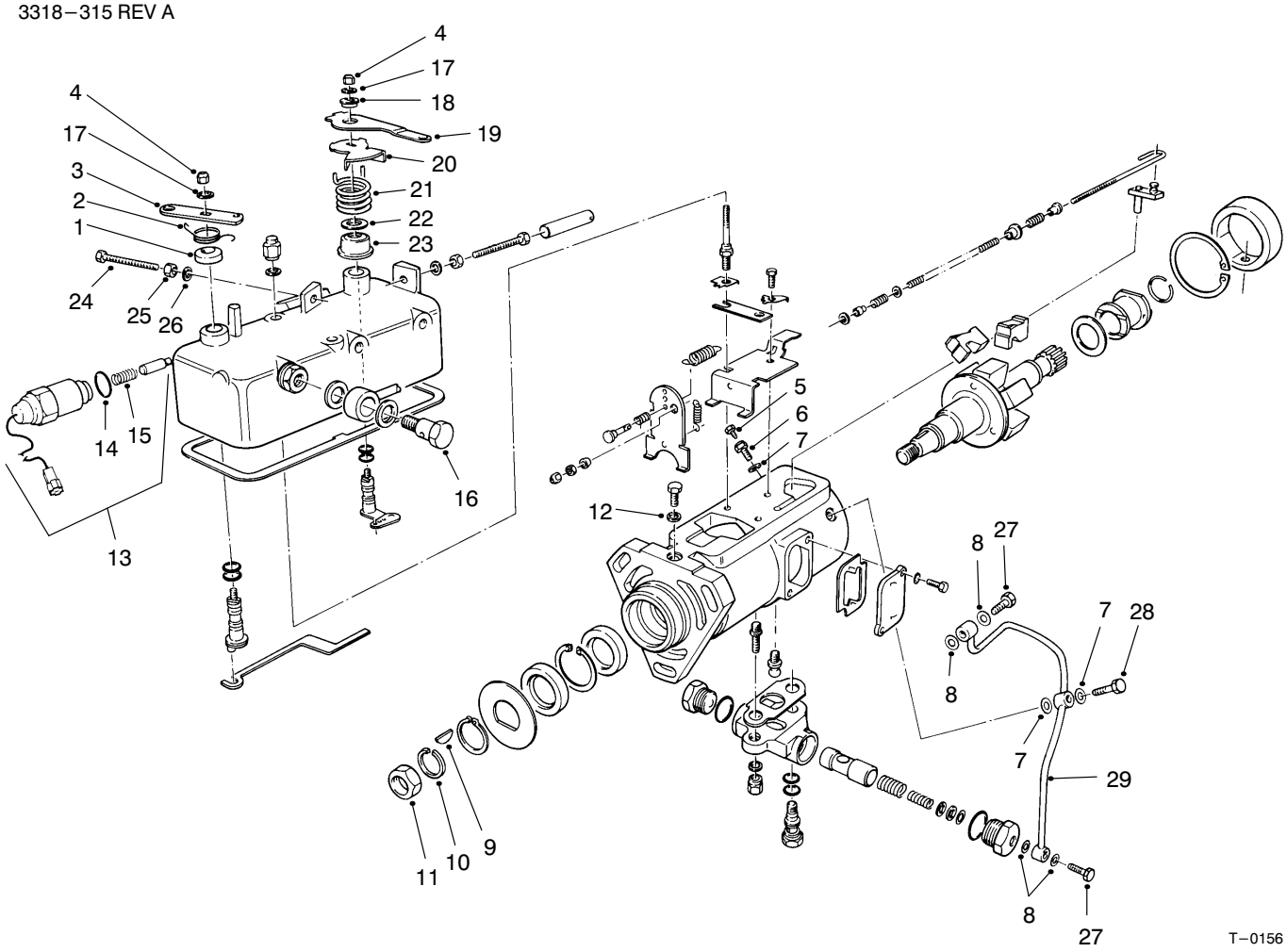


T−0155A

INJECTION PUMP & NOZZLE COMPONENTS (Continued)

Ref. No.	Part No.	Description	No. Used
29	72−0170	Pipe − Injector No. 1	1
30	60−5070	Pipe − Fuel	1
31	60−5100	Asm−Injection Pump (Complete)	1
32	60−7120	Nut	3
33	51−7250	Washer − Spring	3
34	86−6380	Washer	3
‡35	60−7190	Gasket	1
36	86−6390	Stud	3
37	60−5040	Hose − Fuel Feed	1
38	60−2780	Tube − Drain	1
39	93−7767	Guard − Pulley (Europe)	1

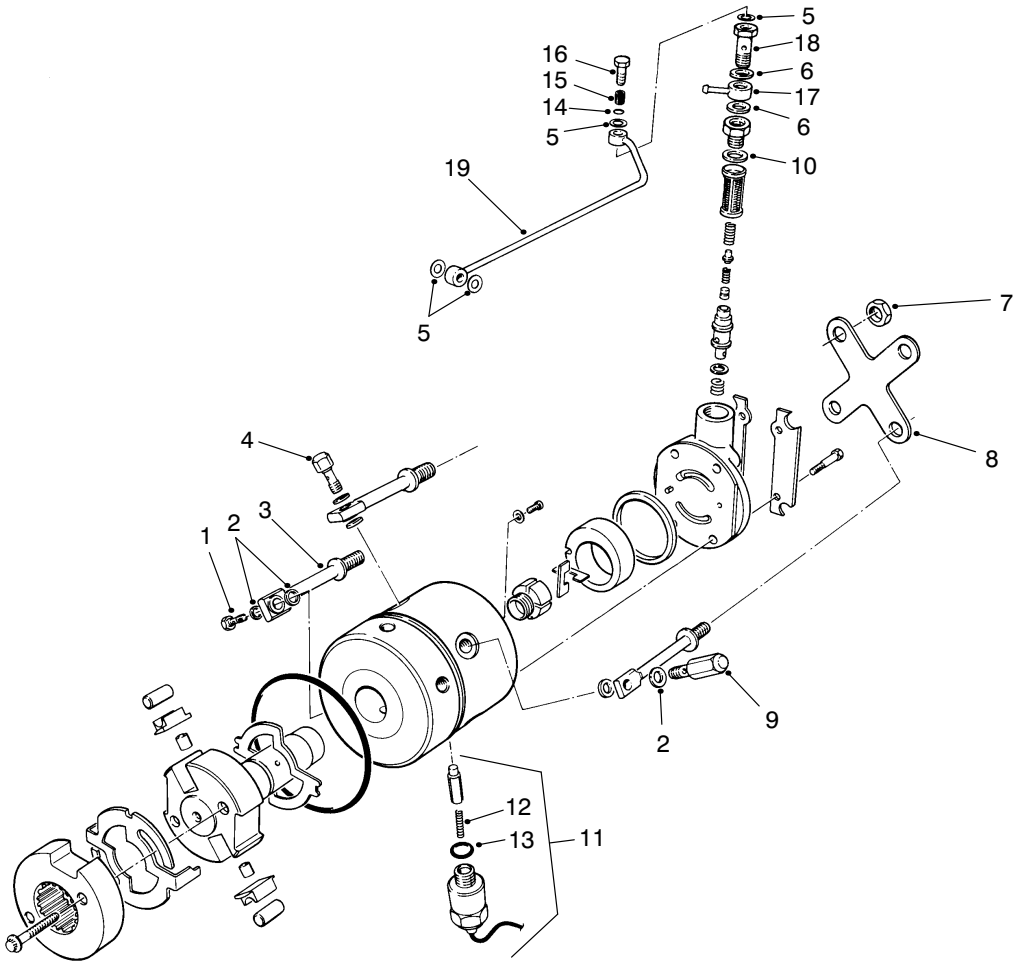
‡Included in Engine Gasket Kit



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	Asm−Pipe	1
*	86−6680	Asm−Lever (Incl. Ref. #17−23)	1

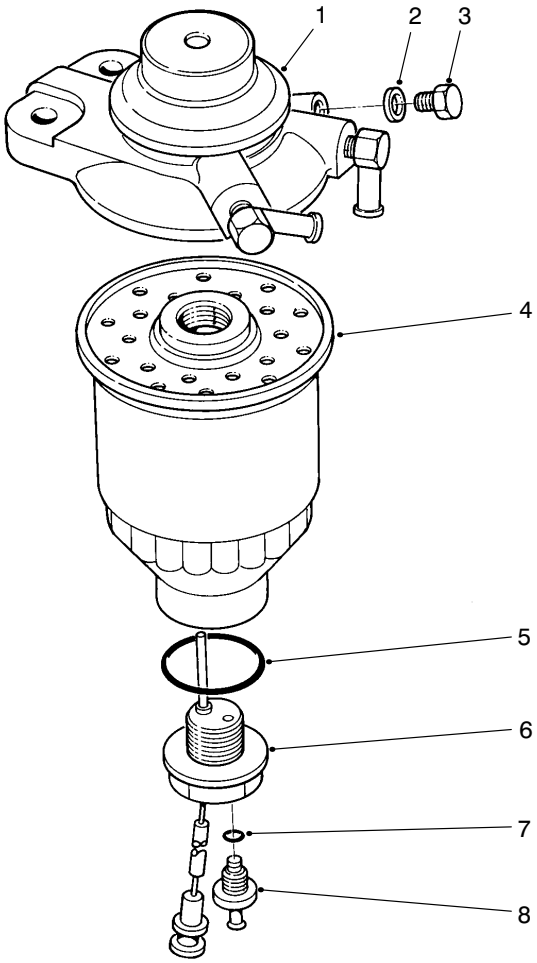


T−0157

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	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



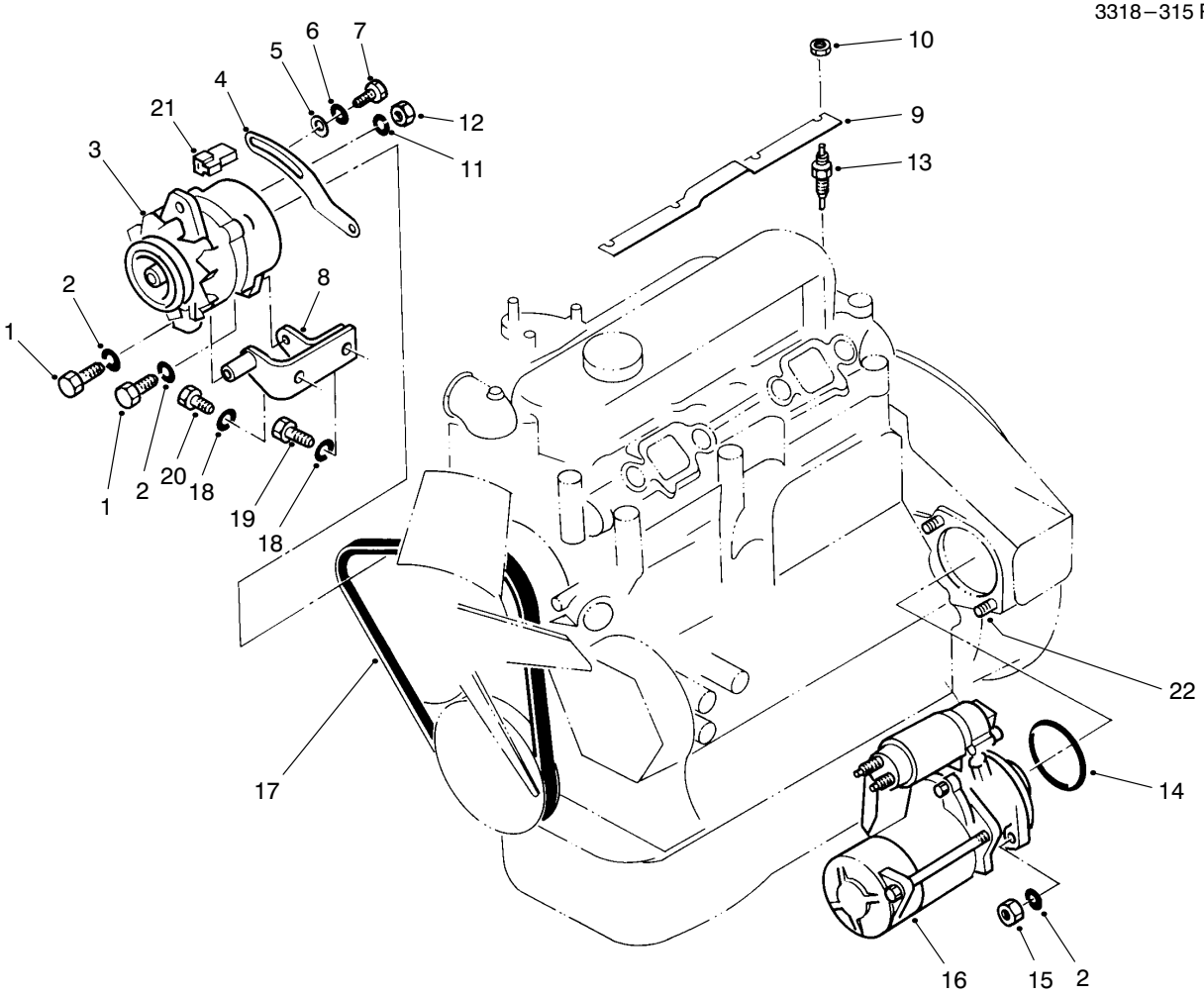
T−0158

FUEL FILTER ASSEMBLY NO. 60−5010

Ref. No.	Part No.	Description	No. Used
*1		Asm−Body	1
*2		Seal	1
3	60−5450	Plug − Air (Incl. Ref. #2)	1
4	60−5470	Asm−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

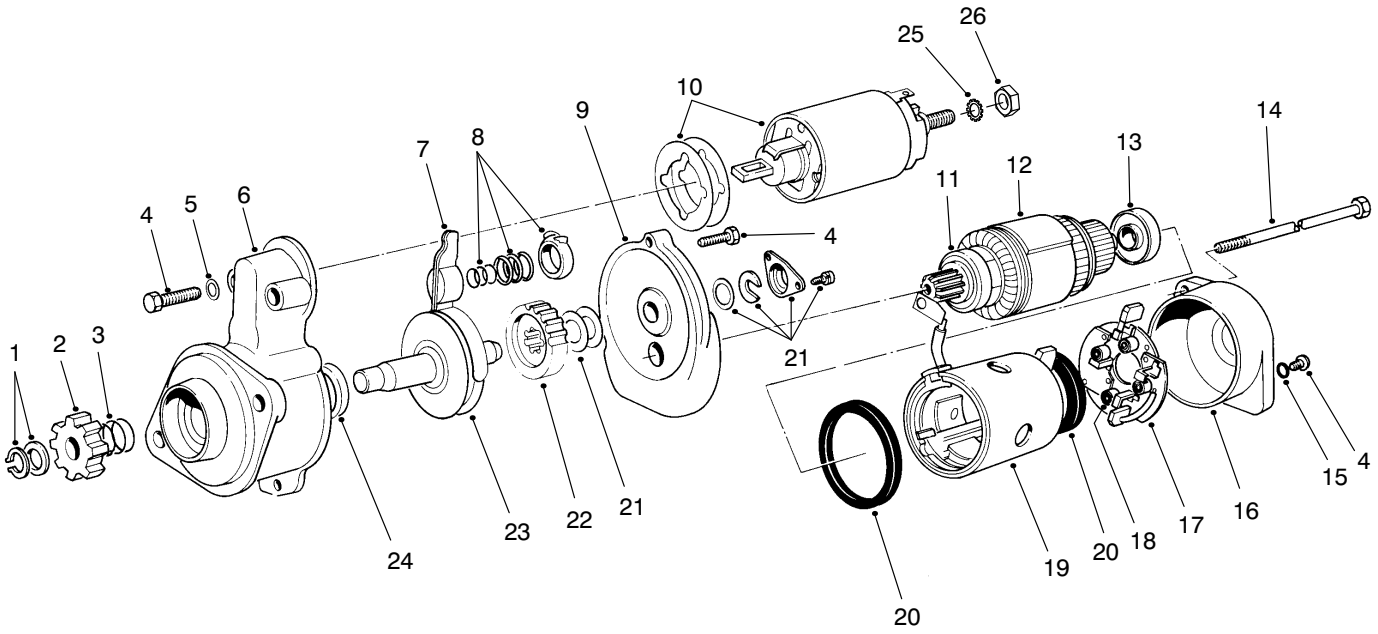


ELECTRICAL COMPONENT PARTS

Ref. No.	Part No.	Description	No. Used
1	51−8640	Bolt	2
2	51−6390	Washer − Spring	4
3	51−8250	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	43−5920	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	86−6400	Diode	1
22	51−5950	Stud	2

*Not Serviceable Separately
‡Included in Engine Gasket Kit



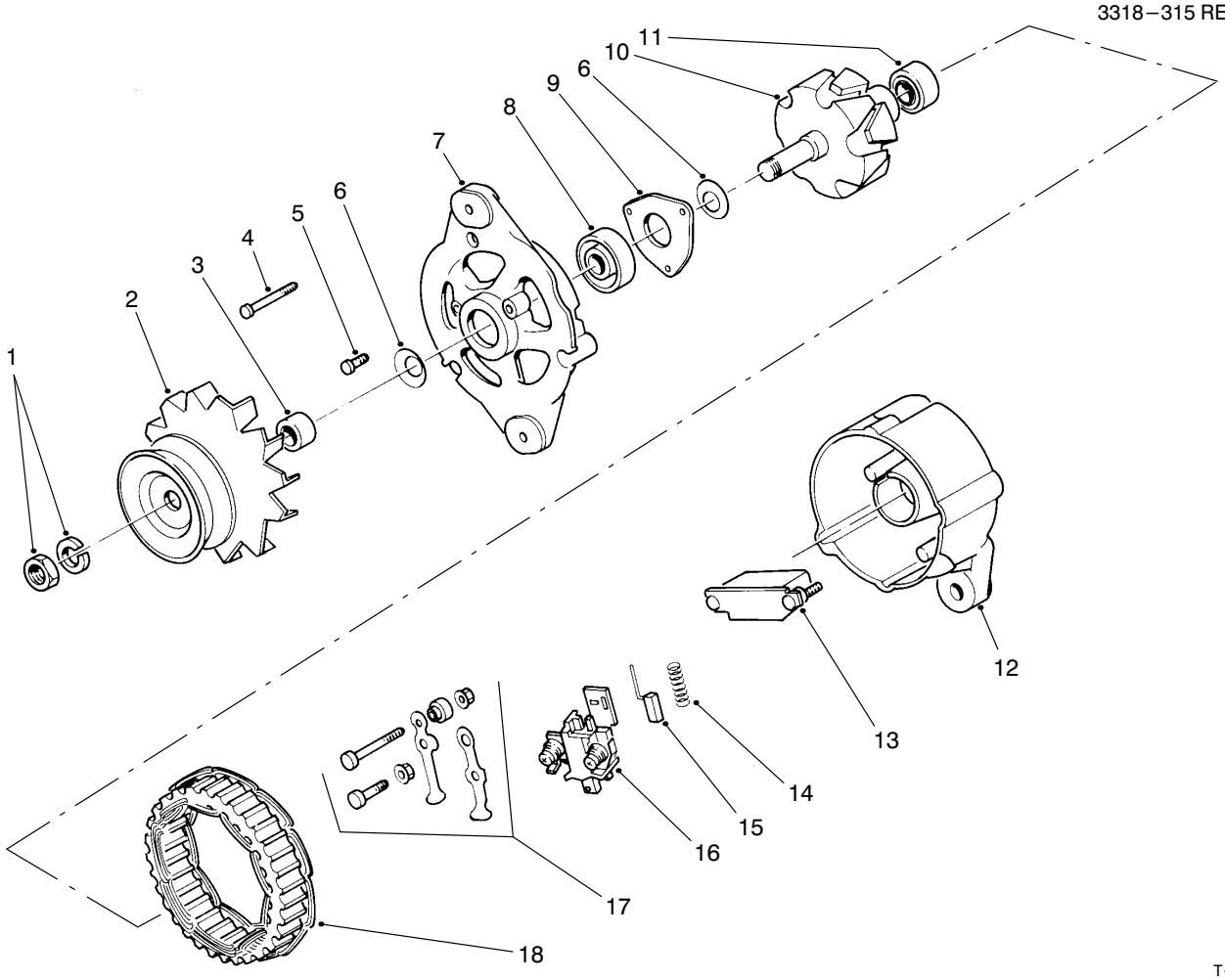
T−0160A

STARTER MOTOR ASSEMBLY NO. 51−7590

Ref. No.	Part No.	Description	No. Used
1	51−7740	Asm−Retaining Ring	1
2	51−7730	Asm−Pinion (Incl. Ref. #1 & 3)	1
†3		Spring	1
4	51−7600	Screw − Set	1
5	51−7610	Packing	2
6	51−7620	Asm−Front Cover (Incl. Ref. #24)	1
7	51−7640	Asm−Lever	1
8	51−7650	Asm−Spring	1
9	51−7660	Asm−Center Bracket	1
10	51−7670	Solenoid	1
11	51−7690	Bearing	1
12	51−7680	Asm−Armature (Incl. Ref. #11 & 13)	1
13	51−7700	Bearing	1
14	51−7710	Bolt Set	1

Ref. No.	Part No.	Description	No. Used
15	51−7840	Ring − Rubber	2
16	51−7830	Cover − Rear	1
17	51−7810	Asm−Brush Holder (Incl. Ref. #18)	1
18	51−7820	Spring − Brush	4
19	51−7800	Asm−Yoke	1
20	51−7790	Packing	2
21	51−7780	Cover Set	1
22	51−7770	Gear − Pinion	1
23	51−7760	Asm−Shaft	1
24	51−7630	Seal − Oil	1
25	3255−8	Washer − Lock	1
26	48−7930	Nut − Hex.	1
*	51−7750	Asm−Gear (Incl. Ref. #22 & 23)	1
*	51−7720	Asm−Clutch Shaft (Incl. Ref. #1−3 & 21−24)	1

*Not Illustrated
†Not Serviceable Separately



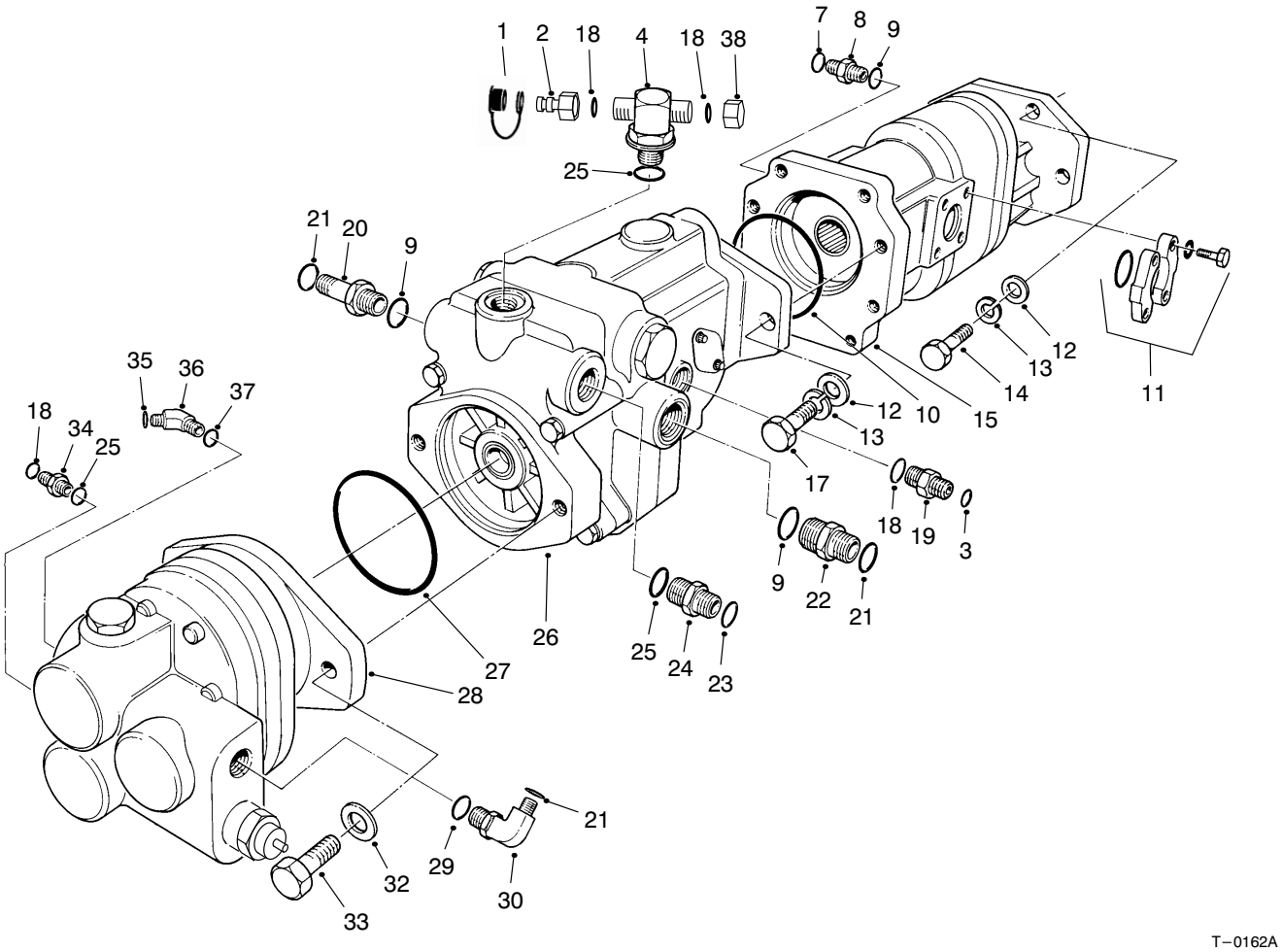
T−0161

ALTERNATOR ASSEMBLY NO. 51−8250

Ref. No.	Part No.	Description	No. Used
1	51−7850	Asm−Nut	1
2	60−5330	Asm−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	Asm−Front Cover (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	Asm−Rotor (Incl. Ref. #11)	1
11	51−7920	Bearing	1
12	86−6430	Asm−Rear Cover (Incl. Ref. #13,16 & 17)	1
13	86−6440	Asm−Rectifier	1
14	51−7980	Spring − Return	2
15	51−7970	Brush	2
16	51−7960	Asm−Regulator (Incl. Ref. #14 & 15	1
17	51−7950	Asm−Terminal	1
18	51−7930	Stator	1

*Not Serviceable Separately

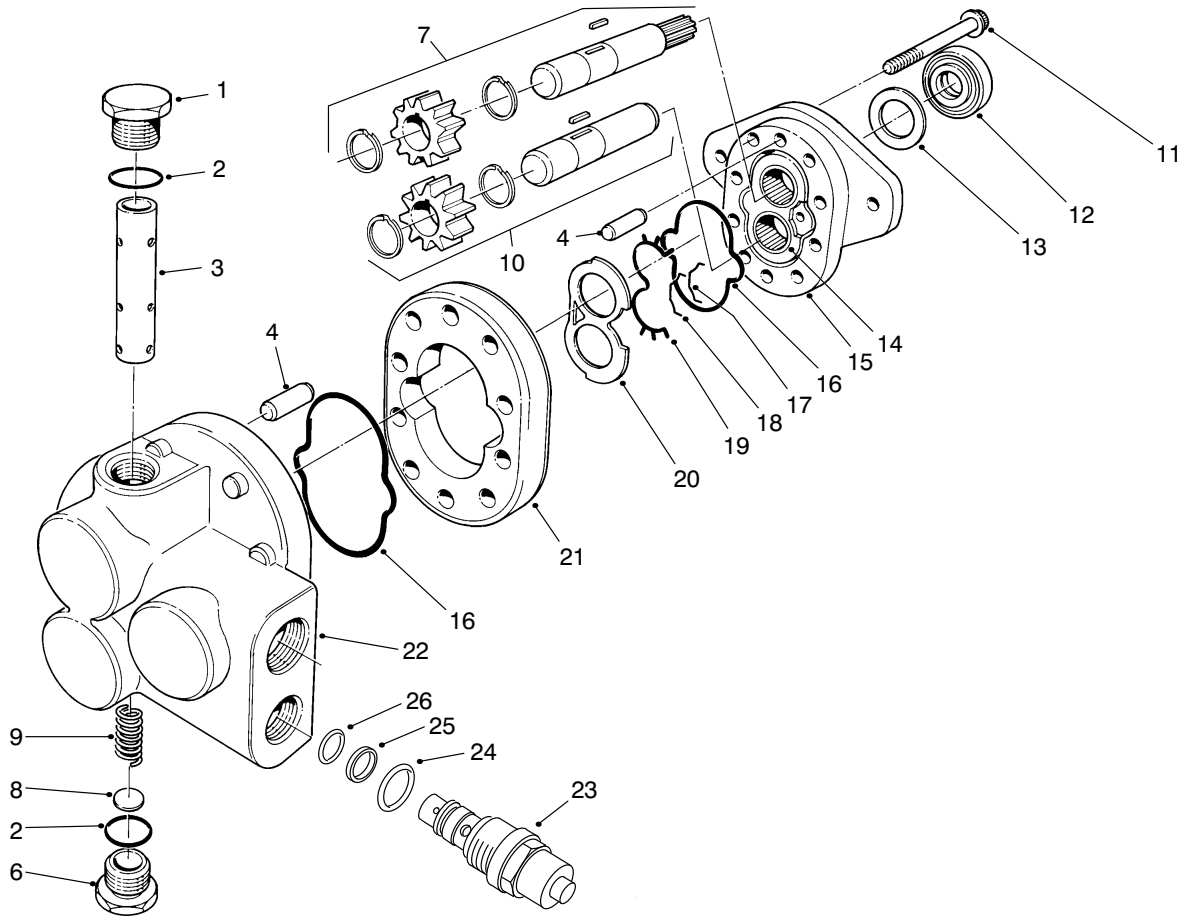


T−0162A

HYDRAULIC PUMP COMPONENTS

Ref. No.	Part No.	Description	No. Used
1	353−947	Cap − Dust	1
2	86−5480	Fitting − Diagnostic	1
3	237−42	O−Ring	1
4	92−4799	Fitting − Hydraulic Tee (Incl. Ref. #18 & 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	Asm−Gear Pump (Incl. Ref. #10)	1
17	325−5	Bolt	2
18	237−22	O−Ring	4
19	340−2	Fitting (Incl. Ref. #3 & 18)	1
20	92−6058	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



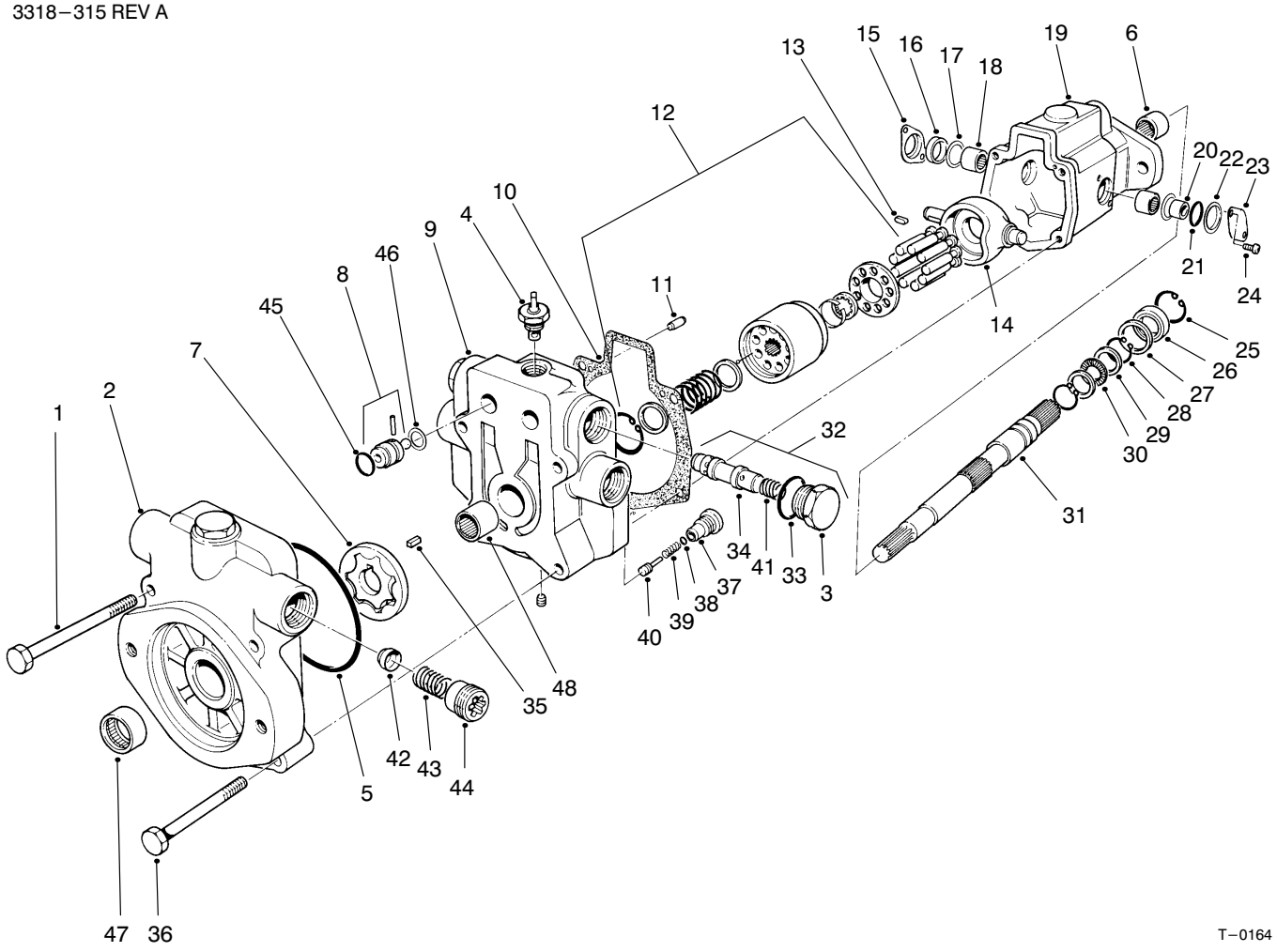
T−0163A

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
6	60−5710	Plug (Incl. Ref. #2)	1
7	60−5780	Asm−Drive Gear (Incl. Ref. #5−8)	1
8	60−5730	Disc	A/R
9	60−5820	Spring	1
10	60−5770	Asm−Idler Gear	1
11	42−3140	Screw − HH	8
12	49−2640	Seal − Shaft	1
13	60−5890	Washer	1
14		Bushing	2
15	49−2660	Asm−Front Plate (Incl. Ref. #14)	1
16	56−6710	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	Asm−Body (Incl. Ref. #4)	1
†22		Asm−Back Plate	1
23	92−9253	Asm−Relief Valve (Incl. Ref. #24−26)	1
24	92−9255	O−Ring	1
25	92−9256	Washer − Back Up	1
26	92−9254	O−Ring	1
*	60−5910	Kit − Repair, Back Plate (Incl. Ref. #1−3, 6, 8, 9, & 22−26)	1
*	60−5900	Kit − Seal Repair (Incl. Ref. #2, 12, 13, 16−20)	1
*	92−9257	Kit − Seal Repair (Incl. Ref. #24−26)	1

*Not Illustrated
†Not Serviceable Separately

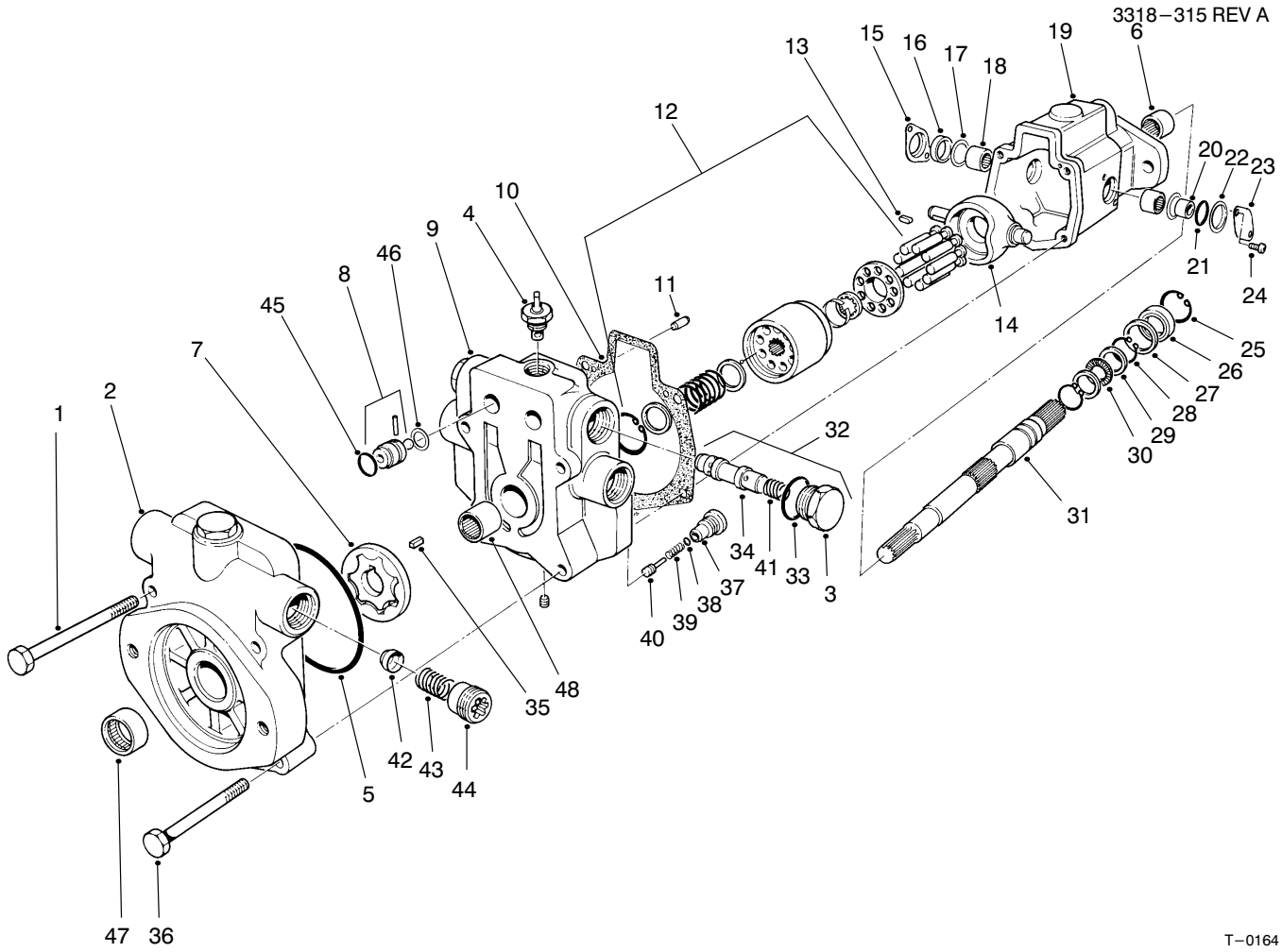


PISTON PUMP ASSEMBLY NO. 58−5660

Ref. No.	Part No.	Description	No. Used
1	60−6230	Screw − HH	2
2	60−6200	Asm−Charge Pump Adapter (Incl. Ref. #42−44 & 47)	1
3	70−1240	Asm−Plug (Incl. Ref. #33)	2
†4	39−2080	Asm−Tow Valve	1
5	60−6180	O−Ring	1
6	63−4390	Bearing − Needle	1
7	60−6350	Asm−Gerotor Gear	1
8	33−4970	Asm−Check Valve (Incl. Ref. #45 & 46)	2
9	60−6040	Asm−Back Plate (Incl. Ref. #4, 37−40 & 48)	1
10	60−6130	Gasket − Housing	1
11	95−6050	Pin − Dowel	2
12	60−6030	Asm−Rotating Kit	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	Asm−Housing (Incl. Ref. #6)	1
20	60−5990	Race − Inner	1

Ref. No.	Part No.	Description	No. Used
21	60−6190	O−Ring	1
22	60−6210	Cover − O−Ring	1
23	60−6010	Cover − Trunnion	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		Asm−Relief Valve	2
35	60−6320	Key	1
36	60−6220	Screw − HH	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

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

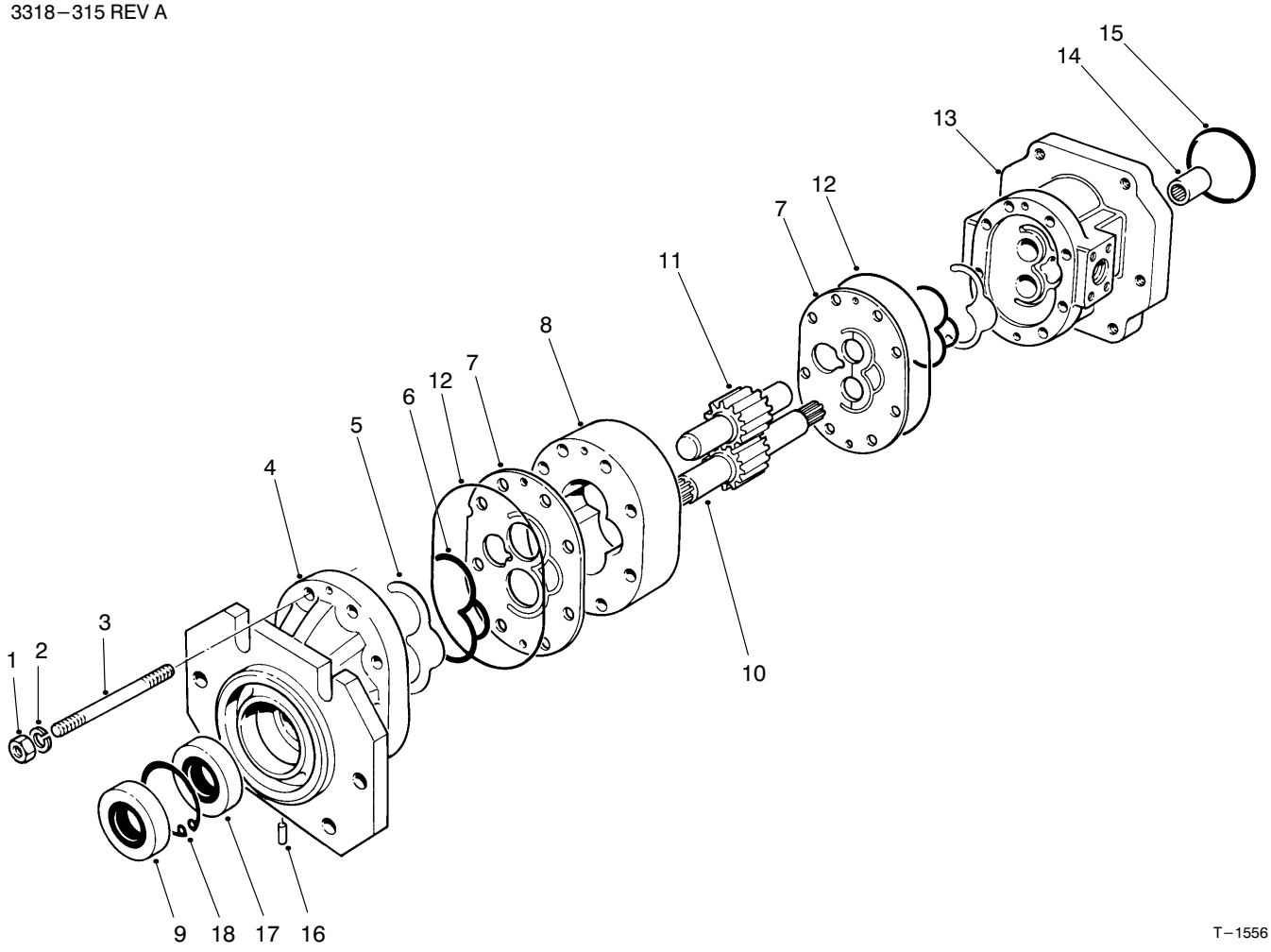


PISTON PUMP ASSEMBLY NO. 58−5660 (Continued)

Ref. No.	Part No.	Description	No. Used
45	237−114	O−Ring	2
46	60−5950	Washer − Backup	2
47	60−6150	Bearing	1
48	60−6050	Bearing	1
*	60−6400	Kit − Seal (Incl. Ref. #5, 10, 16, 21, 26, 28, 29, 33, 38, 45 & 46)	1

Ref. No.	Part No.	Description	No. Used
*	60−6360	Kit − Charge Relief Spring	1
*	60−6340	Kit − Bleed−Off Valve (Incl. Ref. #37−40)	1

*Not Illustrated



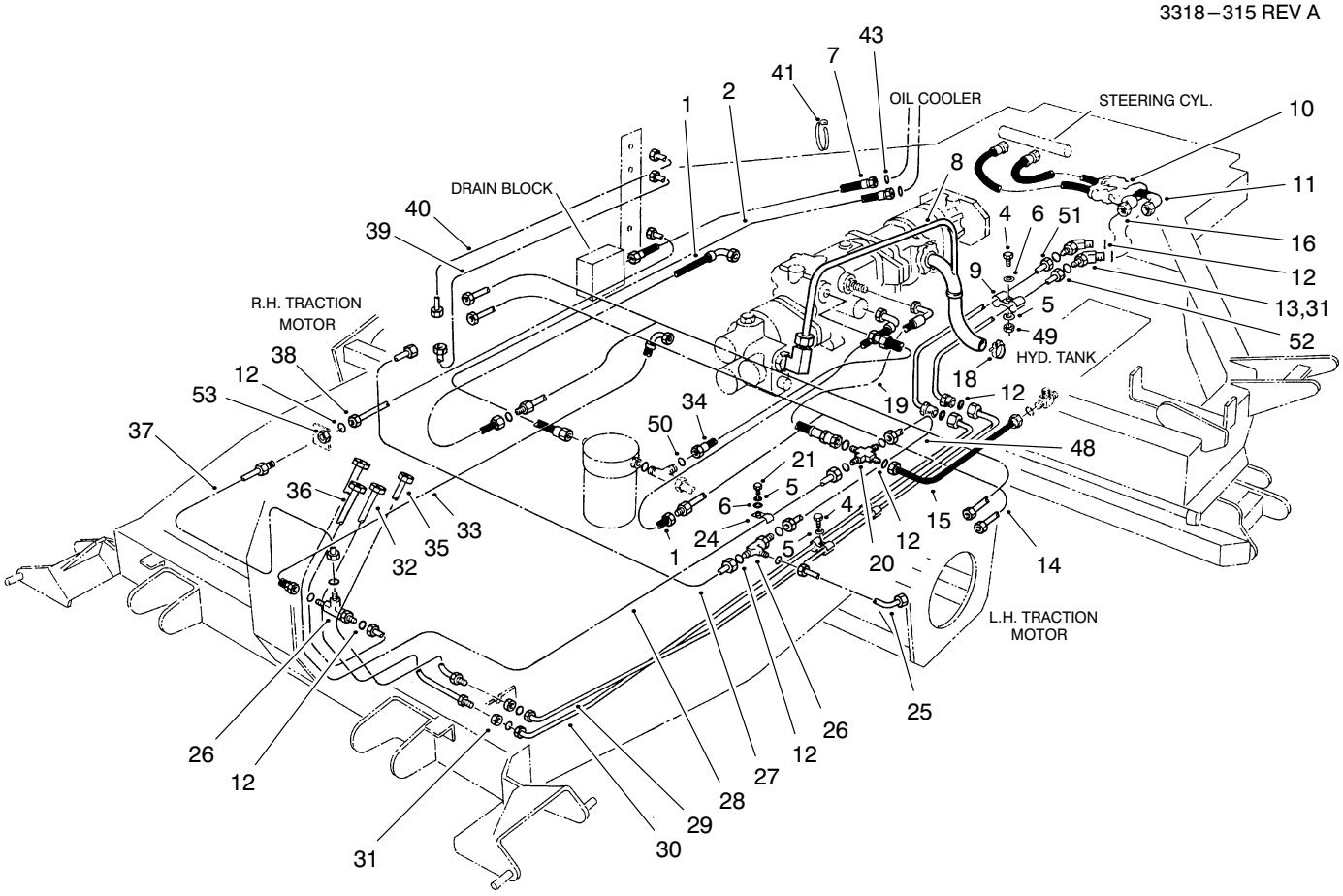
T−1556

PUMP ASSEMBLY NO. 86−6000

Ref. No.	Part No.	Description	No. Used
1	59−7580	Nut	8
2	59−7590	Washer − Lock	8
3	59−7970	Stud	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	1
9	59−8590	Seal − Shaft	1
10	59−8500	Drive Gear − Spline	1

Ref. No.	Part No.	Description	No. Used
11	59−8600	Driven Gear	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
*	86−6450	Kit − Seal (Incl. Ref. #5, 6, 9 & 17)	1

*Not Illustrated



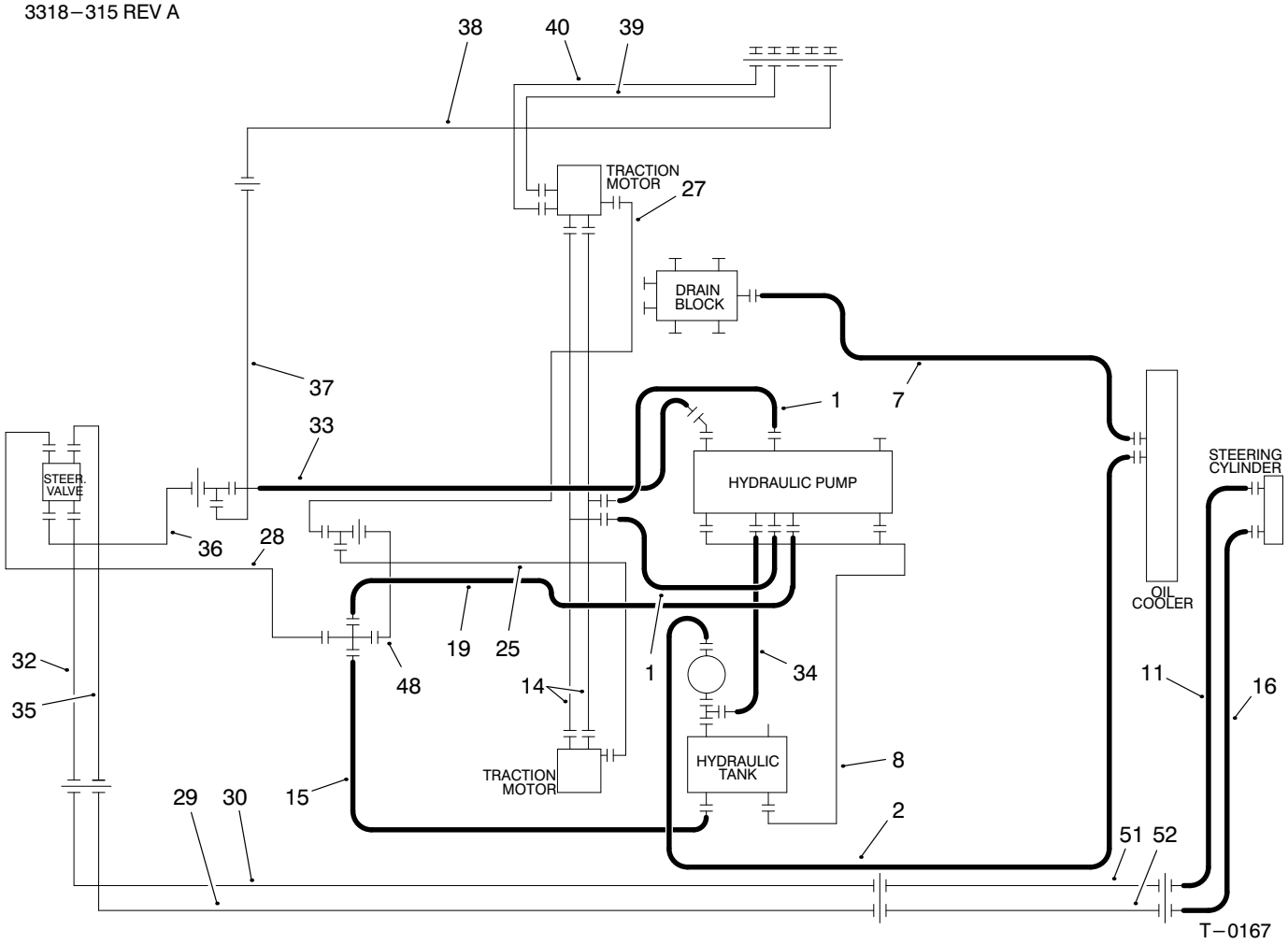
T−0166

HYDRAULIC CIRCUIT − TRACTION & STEERING

Ref. No.	Part No.	Description	No. Used
1	58−5860	Asm−Hose	2
2	75−8200	Asm−Hose	1
4	48−7640	Screw − HH	4
5	43−5930	Washer − Lock	5
6	48−8010	Washer	3
7	75−8210	Asm−Hose	1
8	60−1900	Asm−Tube	1
9	58−3880	Clamp	3
10	60−2010	Sleeve − Protective	1
11	82−9841	Asm−Hose	1
12	237−22	O−Ring	22
13	340−69	Fitting − Hydraulic Bulkhead (Incl. Ref. #12 & 31)	2
14	92−9202	Asm−Tube	2
15	92−4725	Asm−Hose	1
16	82−9840	Asm−Hose	1
18	2412−92	Clamp	2
19	60−1250	Asm−Hose	1
20	340−23	Fitting − Hydraulic Cross (Incl. Ref. #12)	1
21	42−9230	Screw − HH	1
24	60−1360	Clamp	1
25	58−4790	Asm−Tube	1
26	340−68	Fitting − Hydraulic Tee (Incl. Ref. #12)	2

Ref. No.	Part No.	Description	No. Used
27	58−4860	Asm−Tube	1
28	74−2820	Asm−Tube	1
29	68−6310	Kit − Tube (Incl. Ref. #12 & 52)	1
30	68−6340	Kit − Tube (Incl. Ref. #12 & 51)	1
31	340−70	Nut − Bulkhead	4
32	74−2780	Asm−Tube	1
33	58−5720	Asm−Hose	1
34	58−5870	Asm−Hose	1
35	74−2810	Asm−Tube	1
36	74−2790	Asm−Tube	1
37	58−7780	Asm−Tube (Incl. Ref. #12)	1
38	58−7750	Asm−Tube	1
39	58−7770	Asm−Tube	1
40	58−7760	Asm−Tube	1
41	48−4480	Strap − Tie	3
43	340−65	O−Ring	2
48	58−4710	Asm−Tube	1
49	48−7890	Nut − Hex	1
50	237−30	O−Ring	1
†51		Asm−Tube	1
†52		Asm−Tube	1
53	340−78	Nut − Bulkhead	1

†Not Serviced Separately



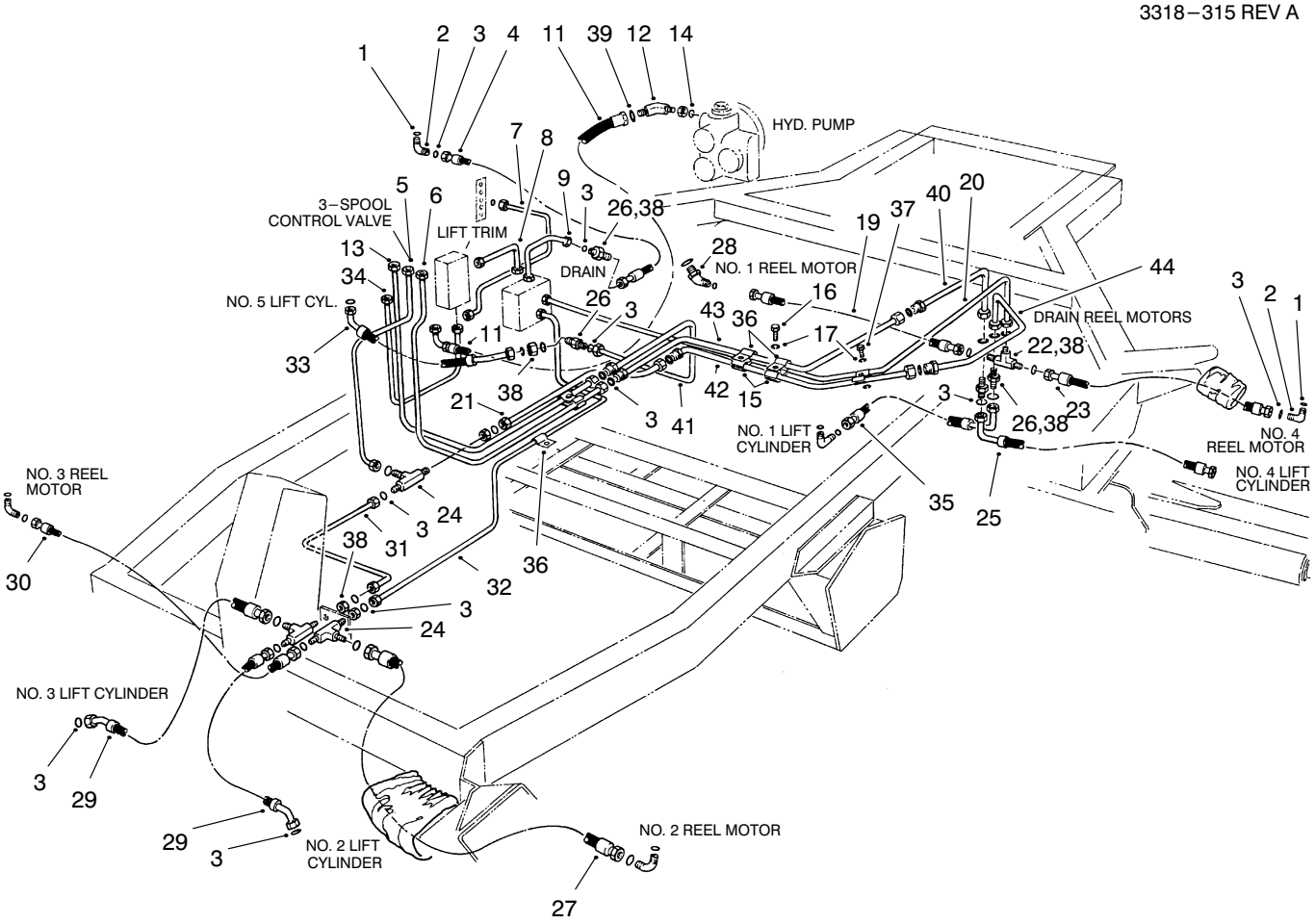
HYDRAULIC SCHEMATIC − TRACTION & STEERING

Ref. No.	Part No.	Description	No. Used
1	58−5860	Asm−Hose	2
2	75−8200	Asm−Hose	1
7	75−8210	Asm−Hose	1
8	60−1900	Asm−Tube	1
11	82−9841	Asm−Hose	1
14	92−9202	Asm−Tube	2
15	92−4725	Asm−Hose	1
16	82−9840	Asm−Hose	1
19	60−1250	Asm−Hose	1
25	58−4790	Asm−Tube	1
27	58−4860	Asm−Tube	1
28	74−2820	Asm−Tube	1
29	68−6310	Kit − Tube (Incl. Ref. #12 & 52)	1

Ref. No.	Part No.	Description	No. Used
30	68−6340	Kit − Tube (Incl. Ref. #12 & 51)	1
32	74−2780	Asm−Tube	1
33	58−5720	Asm−Hose	1
34	58−5870	Asm−Hose	1
35	74−2810	Asm−Tube	1
36	74−2790	Asm−Tube	1
37	58−7780	Asm−Tube	1
38	58−7750	Asm−Tube	1
39	58−7770	Asm−Tube	1
40	58−7760	Asm−Tube	1
48	58−4710	Asm−Tube	1
†51		Asm−Tube	1
†52		Asm−Tube	1

*Not Illustrated

†Not Serviced Separately



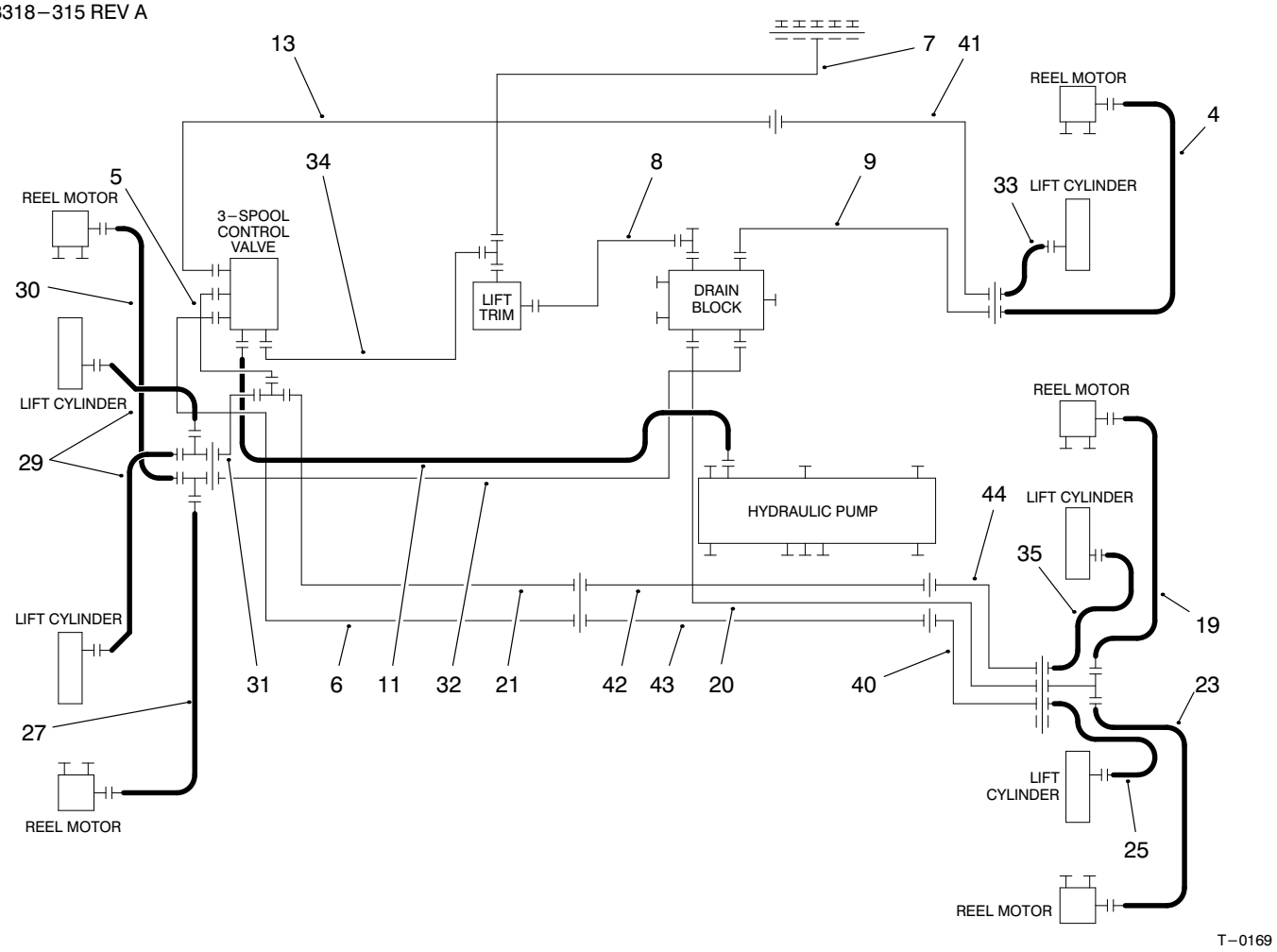
T−0168

HYDRAULIC CIRCUIT − LIFT ARMS

Ref. No.	Part No.	Description	No. Used
1	237−42	O−Ring	7
2	340−77	Fitting − Hydraulic 90° (Incl. Ref. #1 & 3)	4
3	237−22	O−Ring	31
4	84−6240	Asm−Hose	1
5	58−4750	Asm−Tube	1
6	93−1410	Kit − Tube (Incl. Ref. #3, 40 & 43)	1
7	58−7730	Asm−Tube	1
8	63−4680	Asm−Tube	1
9	58−4780	Asm−Tube	1
11	58−5710	Asm−Hose	1
12	340−89	Fitting − Hydraulic 45° (Incl. Ref. #14 & 39)	1
13	68−6370	Kit − Tube (Incl. Ref. #3 & 41)	1
14	237−80	O−Ring	1
15	58−3880	Clamp − Tube	5
16	60−6650	Screw − HH	2
17	43−5930	Washer − Lock	6
19	58−5840	Asm−Hose	1
20	58−4850	Asm−Tube	1
21	68−6270	Kit − Tube (Incl. Ref. #3, 42 & 44)	1
22	60−2180	Fitting − Tee	1

Ref. No.	Part No.	Description	No. Used
23	58−5820	Asm−Hose	1
24	340−68	Fitting − Hydraulic Tee (Incl. Ref. #3)	3
25	60−1630	Asm−Hose	1
26	340−71	Fitting − Hydraulic Straight (Incl. Ref. #3)	4
27	58−6670	Asm−Hose	1
28	340−87	Fitting − Hydraulic 45° (Incl. Ref. #1 & 3)	1
29	58−5850	Asm−Hose	2
30	58−5830	Asm−Hose	1
31	58−4760	Asm−Tube	1
32	58−4880	Asm−Tube	1
33	84−6230	Asm−Hose	1
34	58−4870	Asm−Tube	1
35	58−5800	Asm−Hose	1
36	60−1360	Clamp − Tube	3
37	48−7640	Screw − HH	5
38	340−70	Nut − Bulkhead	8
39	237−30	O−Ring	1
†40		Asm−Tube	1
†41		Asm−Tube	1
†42		Asm−Tube	1
†43		Asm−Tube	1
†44		Asm−Tube	1

†Not Serviced Separately

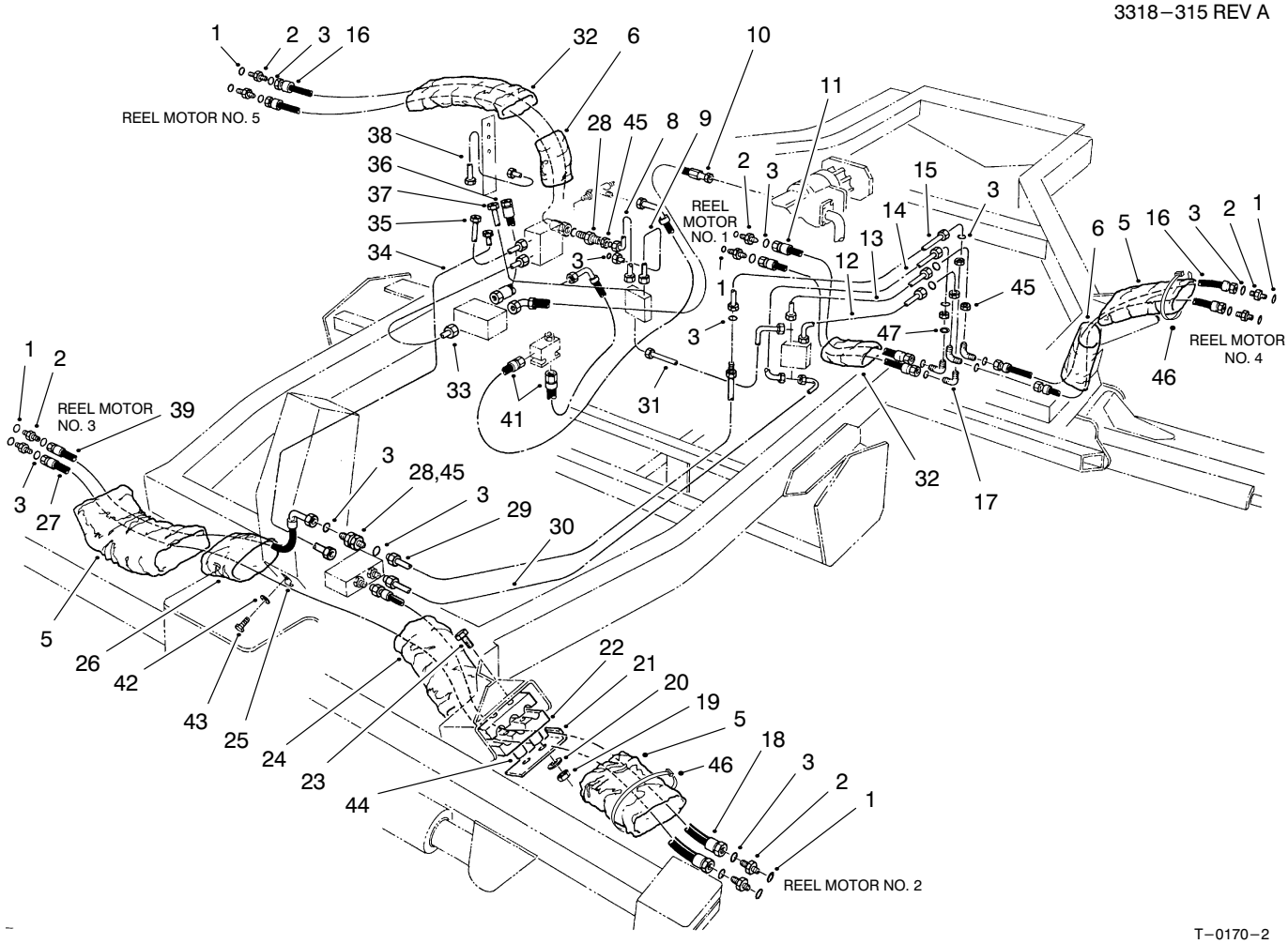


HYDRAULIC SCHEMATIC − LIFT ARMS

Ref. No.	Part No.	Description	No. Used
4	84−6240	Asm−Hose	1
5	58−4750	Asm−Tube	1
6	93−1410	Kit − Tube (Incl. Ref. #40 & 43)	1
7	58−7730	Asm−Tube	1
8	63−4680	Asm−Tube	1
9	58−4780	Asm−Tube	1
11	58−5710	Asm−Hose	1
13	68−6370	Kit − Tube (Incl. Ref. #41)	1
19	58−5840	Asm−Hose	1
20	58−4850	Asm−Tube	1
21	68−6270	Kit − Tube (Incl. Ref. #42 & 44)	1
23	58−5820	Asm−Hose	1

Ref. No.	Part No.	Description	No. Used
25	60−1630	Asm−Hose	1
27	58−6670	Asm−Hose	1
29	58−5850	Asm−Hose	2
30	58−5830	Asm−Hose	1
31	58−4760	Asm−Tube	1
32	58−4880	Asm−Tube	1
33	84−6230	Asm−Hose	1
34	58−4870	Asm−Tube	1
35	58−5800	Asm−Hose	1
†40		Asm−Tube	1
†41		Asm−Tube	1
†42		Asm−Tube	1
†43		Asm−Tube	1
†44		Asm−Tube	1

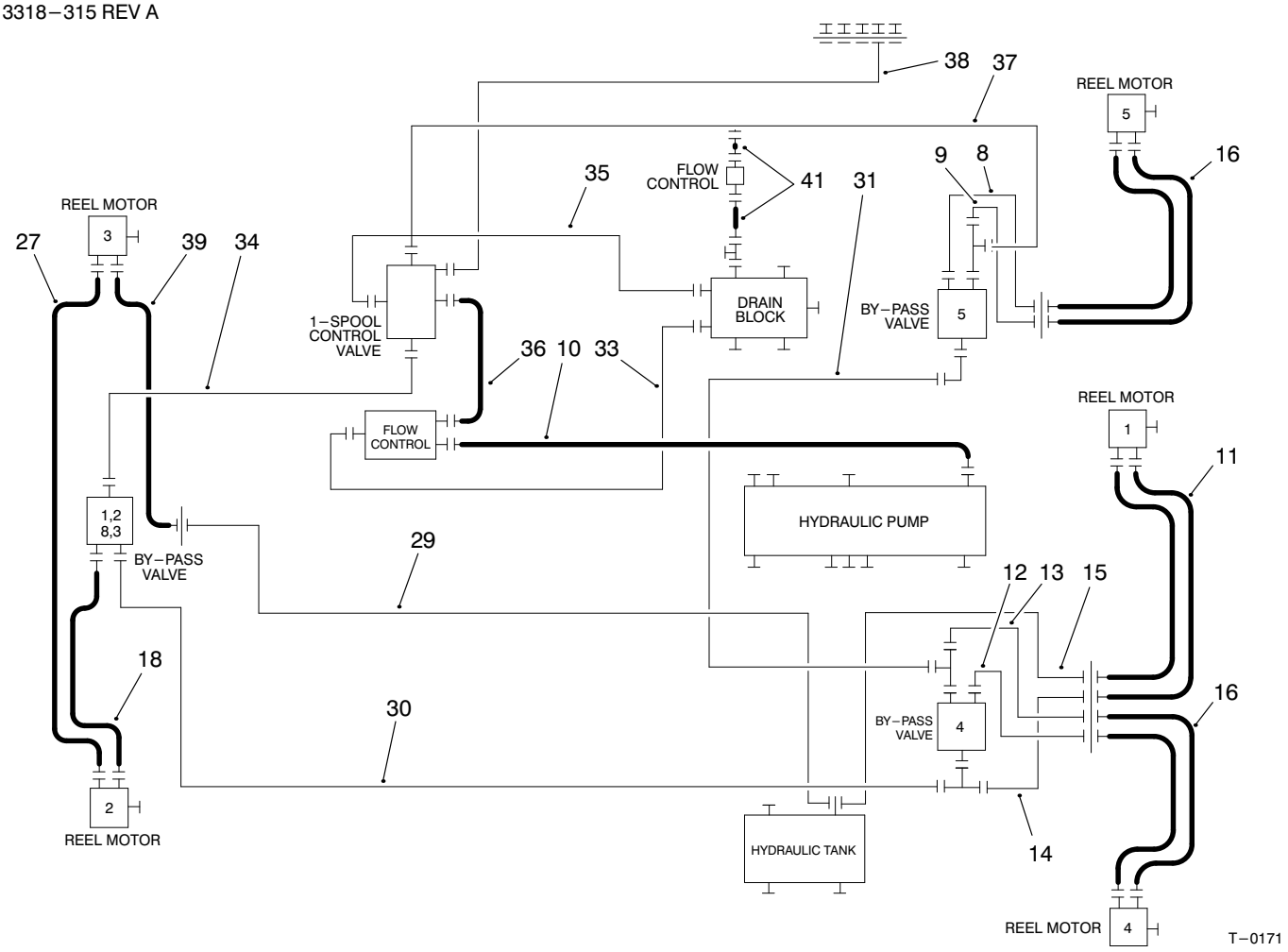
†Not Serviced Separately



HYDRAULIC CIRCUIT − CUTTING UNITS

Ref. No.	Part No.	Description	No. Used
1	237−81	O−Ring	10
2	340−8	Fitting − Hydraulic Straight (Incl. Ref. #1 & 3)	10
3	237−65	O−Ring	26
5	59−7190	Sleeve − Protective	4
6	59−7260	Sleeve − Protective	2
8	58−4960	Asm−Tube	1
9	58−4970	Asm−Tube	1
10	58−5730	Asm−Hose	1
11	58−5790	Asm−Hose	2
12	58−5060	Asm−Tube	1
13	58−5000	Asm−Tube	1
14	58−5020	Asm−Tube	1
15	58−5040	Asm−Tube	1
16	58−5780	Asm−Hose	4
17	340−72	Fitting − Hydraulic 90° (Incl. Ref. #3)	4
18	58−5750	Asm−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 − HH	4
24	60−5650	Sleeve − Protective	1

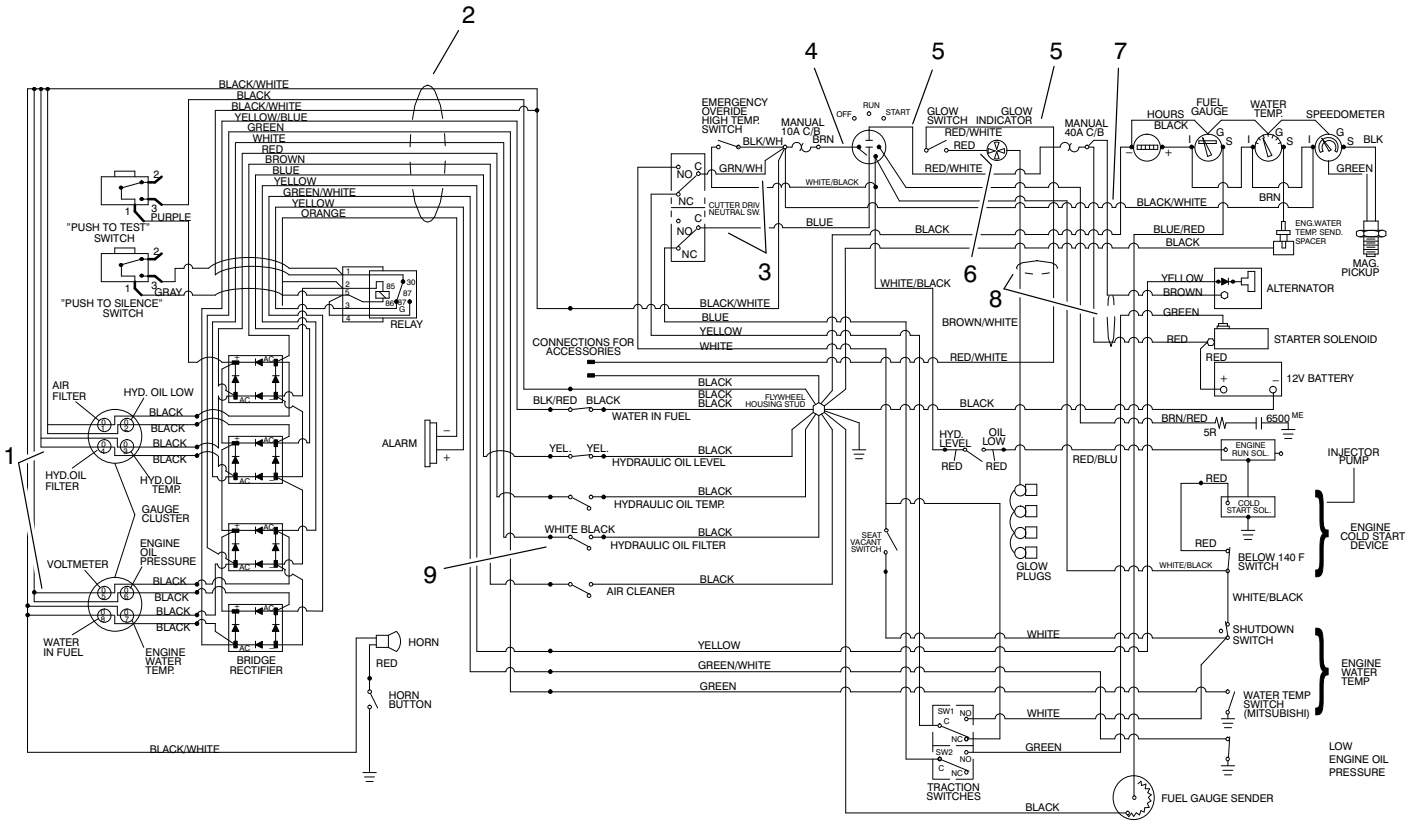
Ref. No.	Part No.	Description	No. Used
25	60−2080	Clamp − Hose	1
26	60−5660	Sleeve − Protective	1
27	58−5740	Asm−Hose	1
28	340−76	Fitting − Adapter	3
29	58−4990	Asm−Tube (Incl. Ref. #3)	1
30	58−5070	Asm−Tube	1
31	58−4950	Asm−Tube	1
32	59−7200	Sleeve − Protective	1
33	58−5050	Asm−Tube	1
34	58−5030	Asm−Tube	1
35	58−4980	Asm−Tube	1
36	60−3340	Asm−Hose	1
37	63−4710	Asm−Tube	1
38	58−7740	Asm−Tube	1
39	58−5760	Asm−Hose	1
41	60−1250	Asm−Hose	2
42	48−9570	Washer − Lock	1
43	48−7680	Screw − HH	1
44	74−2730	Spacer	4
45	340−74	Nut − Bulkhead	7
46	3290−379	Tie − Cable (Europe)	4
47	3254−21	Washer − Lock, Int. Tooth	2



HYDRAULIC SCHEMATIC − CUTTING UNITS

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

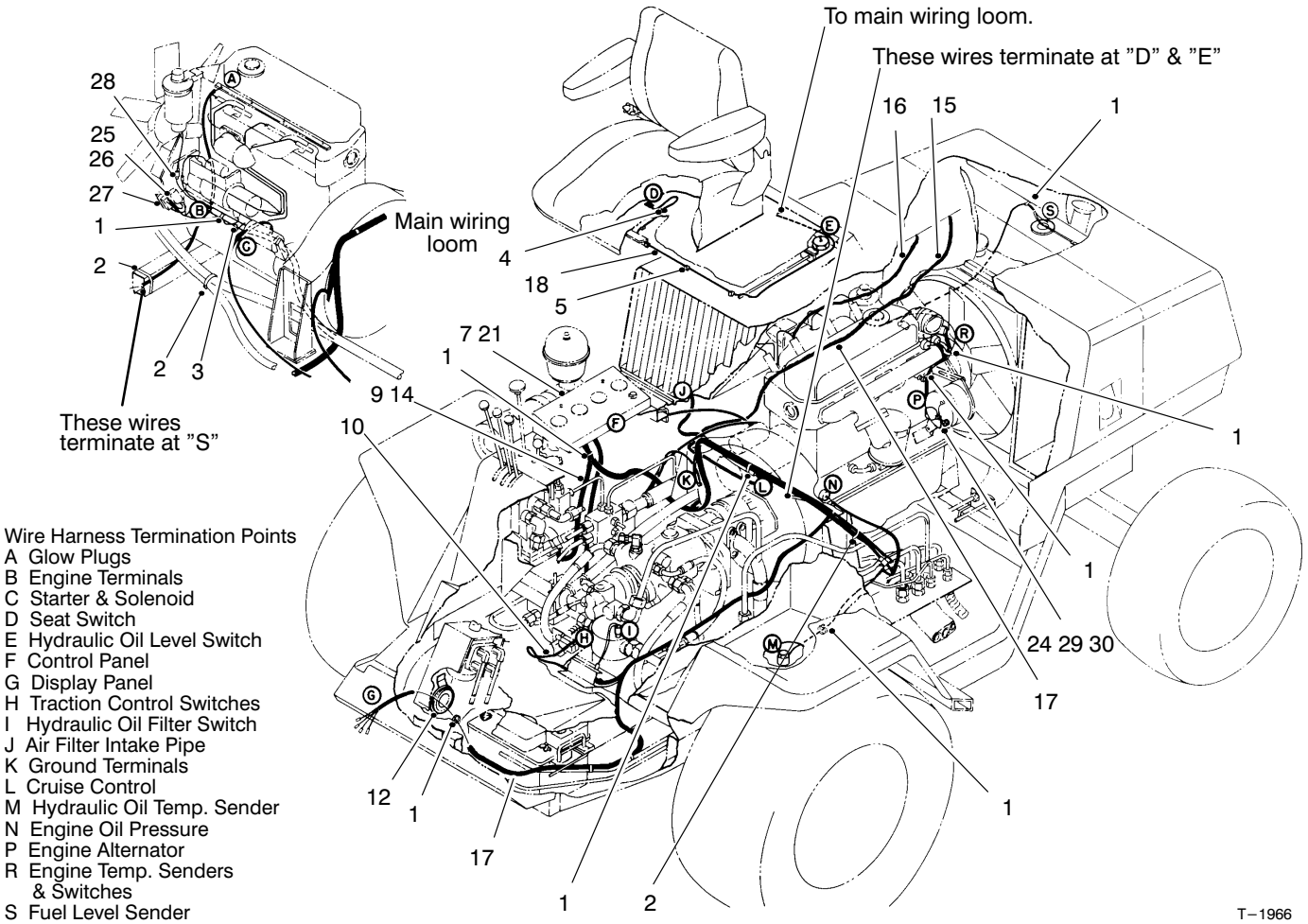
Ref. No.	Part No.	Description	No. Used
29	58−4990	Asm−Tube	1
30	58−5070	Asm−Tube	1
31	58−4950	Asm−Tube	1
33	58−5050	Asm−Tube	1
34	58−5030	Asm−Tube	1
35	58−4980	Asm−Tube	1
36	60−3340	Asm−Hose	1
37	63−4710	Asm−Tube	1
38	58−7740	Asm−Tube	1
39	58−5760	Asm−Hose	1
41	60−1250	Asm−Hose	2



T−1221

ELECTRICAL SCHEMATIC

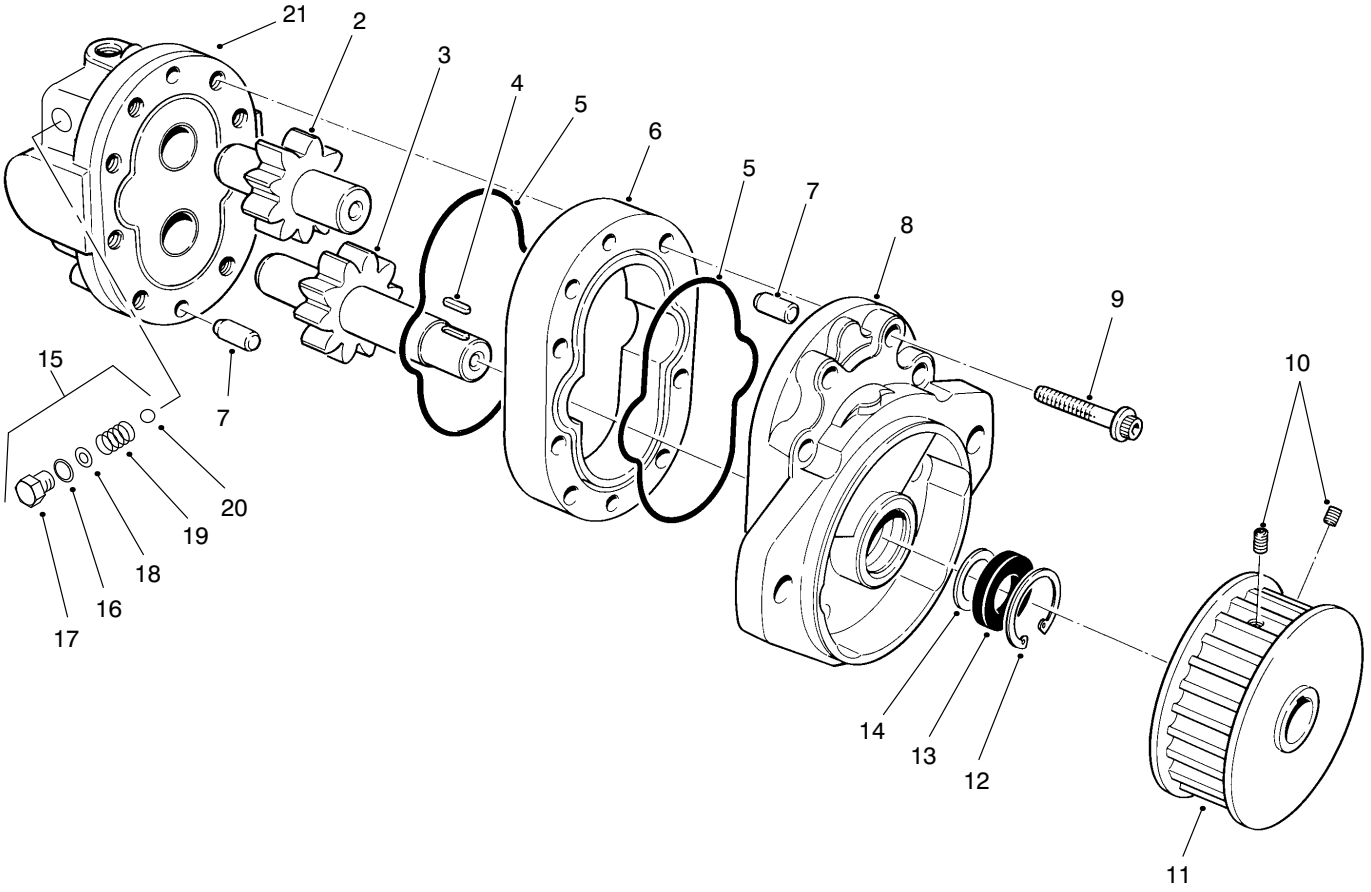
Ref. No.	Part No.	Description	No. Used
1	82−9230	Harness − Wire (Indicator Lamp)	2
2	82−9820	Harness − Wire (Light Cluster)	1
3	82−9780	Harness − Wire (Interlock)	1
4	82−5940	Wire − Jumper	1
5	82−9730	Wire − Jumper	2
6	82−5930	Wire − Jumper	1
7	82−9740	Wire − Jumper (Gauges)	1
8	82−9770	Harness − Wire (Glow Plugs)	1
9	86−5990	Harness − Hyd. Filter	1



ELECTRICAL SYSTEM DIAGRAM

Ref. No.	Part No.	Description	No. Used
1	3290−378	Tie − Cable	29
2	3290−379	Tie − Cable	5
3	2412−109	Clip	2
4	237−100	Grommet	1
5	60−0930	Clip	3
7	82−9760	Harness − Wiring Gauges	1
9	82−9790	Harness − Wiring Valve	1
10	82−9810	Harness − Wiring Traction Control Switches	1
12	82−9940	Harness − Wire Horn	1
14	82−9800	Harness − Wire Speedometer	1

Ref. No.	Part No.	Description	No. Used
15	58−3850	Cable − Neg. Battery	1
16	75−1370	Cable − Pos. Battery	1
17	92−5685	Harness − Wiring Main	1
18	82−9750	Asm−Jumper	1
21	2412−131	Clamp−R	3
24	86−6400	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
29	48−7880	Nut − Hex	1
30	48−8000	Washer − Lock	1



T−1786

REEL MOTOR ASSEMBLY NO. 93−1412

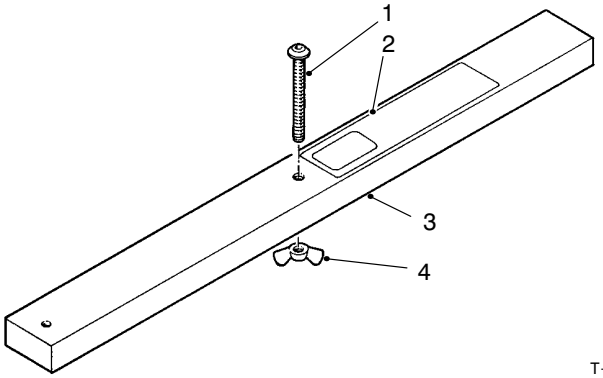
Ref. No.	Part No.	Description	No. Used
2	66−5750	Gear − Idler	1
3	66−5760	Gear − Drive	1
4	47−2380	Key	1
5	59−8420	O−Ring	2
6	66−5740	Body	1
7	42−2010	Pin − Dowel	2
8	66−5730	Asm−Plate & Bushings (Front)	1
9	66−5770	Screw − Cap Soc. Hd.	8
10	3246−17	Screw − Set	2
11	47−7150	Pulley − Drive	1
12	59−8320	Ring − Retaining	1
13	66−5710	Seal − Shaft	1
14	60−5890	Washer − Backup	1

Ref. No.	Part No.	Description	No. Used
15	92−9260	Kit − Relief Valve (Incl. Ref. #16−20)	2
16	237−42	O−Ring	2
†17		Plug	2
†18		Shim	A/R
†19		Spring	2
†20		Ball	2
21	92−9259	Asm−Backplate/Relief (Incl. Ref. #15)	1
*	93−1412	Asm−Reel Motor (Incl. Ref. #1−9, 12−14)	1
*	93−1413	Kit − Seal Repair (Incl. Ref. #5, 12−13, & 16)	1

*Not Illustrated
†Not Serviced Separately

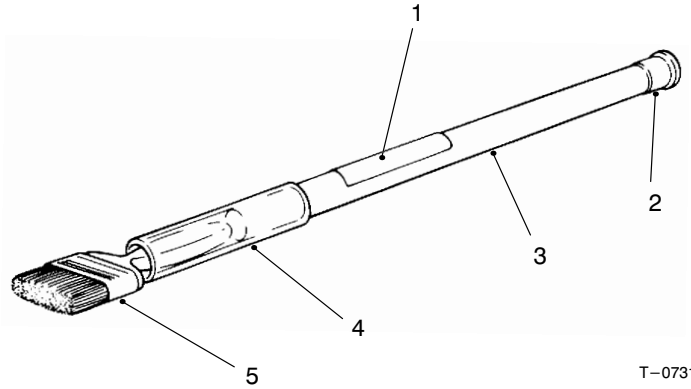
SPECIAL TOOLS

GAUGE BAR ASSEMBLY NO. 59−7900



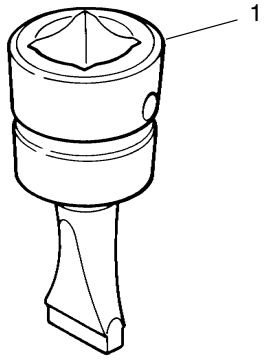
Ref. No.	Part No.	Description	No. Used
1	32122−54	Screw − Mach. Slot. Hd.	1
2	59−7930	Decal	1
3		Bar	1
4	32103−3	Nut − Wing	1

BACKLAPPING BRUSH ASSEMBLY NO. *TOR299100



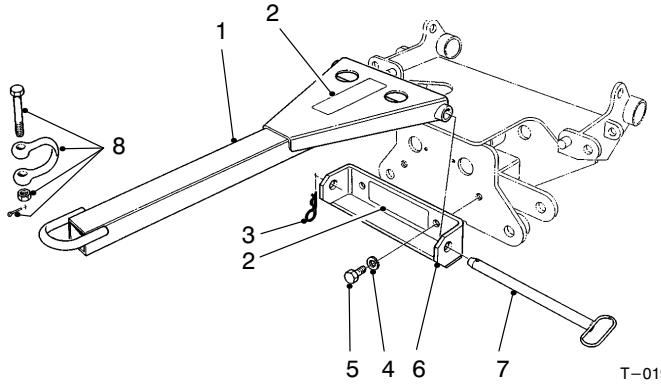
Ref. No.	Part No.	Description	No. Used
1	12−9140	Decal	1
2	2410−18	Plug	1
3	29−9080	Handle	1
4	29−9090	Hose − Handle	1
5	36−4310	Brush	1

BEDKNIFE SCREW TOOL NO. *TOR510880



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

TOW BAR ASSEMBLY NO. 58−7020



Ref. No.	Part No.	Description	No. Used
1	12−7579	Tow Bar (Incl. Ref. #2)	1
2	63−4380	Decal − Instruction	2
3	60−4150	Pin − Retaining	1
4	48−8070	Washer − Lock	2
5	48−7830	Screw − HH	2
6	12−7589	Asm−Tow Bar Bracket (Incl. Ref. #2)	1
7	60−4120	Pin − Tow Bar	1
8	60−4480	Asm−Shackle	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
11−0440	Weight − (Europe)	33	52	4
11−9030	Bolt − Shoulder	9	45	1
12−7579	Tow Bar	66	1	1
12−7589	Asm−Tow Bar Bracket	66	6	1
12−9140	Decal	66	1	1
23−1840	Bushing	29	5	2
23−7270	Nut − Lug	32	13	10
25−8640	Screw	9	8	1
25−9090	Swivel	9	9	1
26−4840	Spacer	15	32	4
27−2360	Asm−Key Switch	8	18	1
27−7100	Asm−Air Cleaner	18	32	1
27−7100	Asm−Air Filter	19	*	1
27−7110	Asm−Element	19	8	1
27−7120	Nut	19	3	1
27−7130	Asm−Clamp	19	4	1
27−7140	Baffle	19	2	1
27−7150	Asm−Cup	19	1	1
27−7160	Decal − Instruction	18	31	1
27−7160	Decal − Instructions	19	14	1
27−7170	Asm−Band	19	7	2
27−7170	Band − Mounting	18	30	2
27−7220	Soap − Air Cleaner	19	*	1
29−1060	Bracket	29	29	2
29−1070	Asm−Lever	29	34	2
29−1080	Pad	29	39	4
29−6163	Switch	1	26	2
29−9080	Handle	66	3	1
29−9090	Hose − Handle	66	4	1
33−1260	Asm−Cover	19	12	1
33−1270	Bowl	19	11	1
33−3720	Washer	30	12	1
33−4970	Asm−Check Valve	54	8	2
33−4990	Poppet	54	42	1
36−4310	Brush	66	5	1
37−2690	Capacitor	64	26	1
37−7600	Rectifier	5	8	4
38−2860	Resistor − 5 Ohm	64	27	1
39−2080	Asm−Tow Valve	54	4	1
39−2130	Retainer − Spring	54	44	1
39−2140	Spring	54	43	2
42−1260	O−Ring	12	7	1
42−2010	Pin − Dowel	65	7	2
42−2720	Seal − Shaft	54	16	1
42−3140	Screw − HH	53	11	8
42−9230	Screw − HH	9	1	2
42−9230	Screw − HH	27	19	4
42−9230	Screw − HH	57	21	1
42−9850	Washer − Lock	9	2	2
42−9850	Washer − Lock	1	8	11
42−9850	Washer − Lock	27	8	4
42−9850	Washer − Lock	35	12	2
42−9850	Washer − Lock	21	35	1
42−9850	Washer − Lock	17	41	6
43−4000	Breaker − Circuit, 40 Amp.	8	25	1
43−4001	Breaker − Circuit, 10 Amp.	8	20	1
43−5920	Washer − Lock	9	35	2
43−5920	Washer − Spring	49	11	1
43−5930	Washer − Lock	57	5	5
43−5930	Washer − Lock	7	13	12
43−5930	Washer − Lock	43	14	4
43−5930	Washer − Lock	59	17	6
43−5930	Washer − Lock	4	18	2
43−5930	Washer − Lock	10	46	4
43−6280	Button − Push	5	3	2
43−6280	Button − Push	8	10	2
43−6420	Bezel	8	12	2
43−6420	Bezel − Locking	5	4	2
46−0670	Screw − Pan Hd.	15	17	6
46−6550	Elbow	20	10	1
46−6560	Grommet	20	5	3
47−2380	Key	65	4	1
47−2550	Grip − Handle	18	16	2
47−6990	Nut − Hex.	4	2	1
47−7010	Bushing	23	5	2
47−7030	Bushing − Rubber	1	13	1
47−7150	Pulley − Drive	65	11	1
48−3250	Mount − Rubber	35	1	4
48−3280	Bumper	27	16	2
48−3380	Leg − Support	35	5	2
48−4480	Strap − Tie	57	41	3
48−4590	Horn	4	15	1
48−6640	Bushing − Flange	24	13	2
48−6640	Bushing − Flange	32	33	2
48−6660	Washer − Thrust	32	34	2
48−6780	Spring	21	5	2
48−6790	Bushing − Flanged	1	6	4
48−6900	Screw − Hex Hd.	21	32	6
48−6900	Screw − Self−Tap	7	22	4
48−7080	Cap	21	19	3
48−7100	Dampener	1	19	1
48−7120	Element − Suction	7	50	1
48−7430	Asm−Pre−Cleaner	19	*	1
48−7430	Asm−Pre−Cleaner	18	33	1
48−7570	Screw − HH	35	10	2
48−7610	Screw − HH	4	17	2
48−7620	Screw	3	7	3
48−7620	Screw	7	12	10
48−7620	Screw	10	47	2
48−7620	Screw − HH	43	16	2
48−7630	Screw − HH	43	15	2
48−7640	Screw − HH	57	4	4
48−7640	Screw − HH	59	37	5
48−7680	Screw − HH	18	17	2
48−7680	Screw − HH	21	36	1
48−7680	Screw − HH	61	43	1
48−7780	Screw − HH	35	6	6
48−7830	Screw − HH	35	4	8
48−7830	Screw − HH	66	5	2
48−7880	Nut	49	12	1
48−7880	Nut − Hex	64	29	1
48−7880	Nut − Hex.	9	34	2
48−7890	Nut	7	44	10
48−7890	Nut − Hex	57	49	1
48−7890	Nut − Hex.	11	51	1
48−7930	Nut − Hex.	1	7	3
48−7930	Nut − Hex.	27	9	2
48−7930	Nut − Hex.	35	13	3
48−7930	Nut − Hex.	1	15	3
48−7930	Nut − Hex.	50	26	1
48−7960	Nut − Hex.	35	9	2
48−8000	Washer − Lock	64	30	1
48−8010	Washer	57	6	3
48−8010	Washer	4	16	2
48−8010	Washer	10	17	4
48−8010	Washer	21	33	2
48−8030	Washer	9	19	2
48−8030	Washer	2	43	9
48−8030	Washer − Flat	17	42	6
48−8070	Washer − Lock	35	3	12
48−8070	Washer − Lock	66	4	2
48−8830	Pin − Roll	21	26	1
48−8850	Washer − Bevel	21	27	3
48−9470	Screw	35	2	7
48−9470	Screw	21	9	2
48−9470	Screw − HH	15	20	2
48−9480	Screw	35	23	1
48−9510	Nut − Hex.	1	14	1
48−9510	Nut − Lock	17	37	2
48−9530	Nut − Hex.	27	10	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
48−9570	Washer − Lock	61	42	1
48−9580	Washer	15	5	2
48−9580	Washer	35	26	1
48−9590	Washer − Lock	35	7	16
48−9590	Washer − Lock	15	21	2
49−2500	Element − Filter	42	5	1
49−2520	Belt	49	17	1
49−2640	Seal − Shaft	53	12	1
49−2660	Asm−Front Plate	53	15	1
49−2670	Plate − Wear	53	20	1
49−2680	O−Ring − Molded	53	17	1
49−2690	Gasket − Backup	53	19	1
49−2700	Seal − Bearing	53	18	1
51−0880	Tool − Bedknife Screw	66	1	1
51−2060	Washer	21	23	8
51−2070	Nut	21	21	3
51−4910	Bolt	38	36	2
51−4920	Bolt	38	37	1
51−4930	Bolt	38	38	1
51−4940	Cap − Sealing	40	13	10
51−4970	Insert − Valve Seat, Exhaust	40	27	4
51−4980	Insert − Valve Seat, Inlet	40	28	4
51−5030	Bolt − Cylinder Head	40	2	5
51−5040	Bolt − Cylinder Head	40	3	10
51−5050	Connector − Fitting	40	4	1
51−5080	Asm−Rocker Shaft	41	7	2
51−5090	Plug − Expansion	41	6	2
51−5100	Spring − Rocker Shaft	41	8	2
51−5110	Asm−Rocker	41	16	4
51−5120	Bushing − Rocker	41	13	8
51−5130	Screw − Adjusting	41	1	8
51−5150	Bracket − Rocker Shaft	41	15	4
51−5160	Washer	37	5	2
51−5160	Washer − Flat	41	34	9
51−5190	Bolt	41	5	4
51−5200	Asm−Rocker	41	14	4
51−5210	Nut − Jam	41	2	8
51−5240	O−Ring	41	10	2
51−5250	Pipe − Oil	41	9	1
51−5260	Ring − Snap	41	11	4
51−5270	Washer	41	12	4
51−5280	Cap	41	33	8
51−5290	Keeper − Valve	41	32	16
51−5310	Seal − Valve Stem	41	41	8
51−5320	Spring − Valve	41	17	8
51−5330	Valve − Exhaust	41	19	4
51−5340	Valve − Inlet	41	18	4
51−5350	Cap − Oil Fill	40	6	1
51−5360	Nut − Cap	40	7	4
51−5370	Gasket	40	8	4
51−5380	Asm−Rocker Cover	40	9	1
51−5390	Washer − Sealing	40	15	1
51−5400	Connector	40	16	1
51−5410	Cover	40	5	1
51−5420	Gasket − Rocker Cover	40	11	1
51−5430	Pushrod	41	40	8
51−5450	Camshaft	41	35	1
51−5460	Key − Woodruff	39	1	2
51−5460	Key − Woodruff	41	38	1
51−5470	Plate − Thrust	41	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	40	12	6
51−5540	Pin − Dowel, Gear Case	36	7	2
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	Asm−Idler Gear Shaft	36	33	1
51−5650	Pin − Spring	36	34	1
51−5670	Cap − Sealing	36	12	2
51−5730	Gasket	36	1	1
51−5770	Bearing Set Std.	36	30	1
51−5820	Gasket	37	}22	1
51−5840	Washer − Sealing	37	29	1
51−5850	Cover	37	27	1
51−5860	Gasket	37	26	1
51−5870	Seal	37	25	1
51−5900	Case − Seal, Oil	39	14	1
51−5910	O−Ring	39	15	1
51−5940	Housing − Flywheel	39	21	1
51−5950	Stud	49	22	2
51−5970	Nut	49	15	2
51−6010	Cover	39	7	1
51−6020	Gasket	39	8	1
51−6030	Plug	39	23	1
51−6100	Gasket − Housing, Flywheel	39	22	1
51−6180	Pin − Piston	40	22	4
51−6190	Ring − Snap	40	18	8
51−6200	Asm−Connecting Rod	40	20	4
51−6210	Bushing	40	23	4
51−6220	Bolt	40	21	8
51−6230	Nut	40	26	8
51−6240	Bearing − Connecting Rod	40	24	8
51−6270	Washer	39	3	1
51−6300	Pin − Dowel	39	20	2
51−6310	Pulley − Crankshaft	39	4	1
51−6320	Plate − Baffle	39	28	1
51−6330	Plate − Thrust	39	27	1
51−6340	Asm−Flywheel	39	18	1
51−6350	Gear − Ring	39	19	1
51−6360	Washer − Lock	39	17	2
51−6370	Bolt − Seal	39	16	4
51−6390	Washer	37	20	1
51−6390	Washer − Spring	49	2	4
51−6390	Washer − Spring	39	9	7
51−6390	Washer − Spring	38	35	4
51−6400	Plate − Thrust	37	19	1
51−6410	Gear − Camshaft	37	8	1
51−6450	Gear − Crankshaft	37	17	1
51−6480	Cover	36	18	1
51−6490	Gasket	36	19	1
51−6500	Gasket − Intake Manifold	43	9	2
51−6540	Manifold − Inlet	43	21	1
51−6550	Gasket − Intake Pipe	43	20	1
51−6600	Clamp	43	6	2
51−6620	Manifold − Exhaust	43	4	1
51−6630	Gasket − Exhaust Pipe	43	3	1
51−6660	Gasket − Exhaust Manifold	43	5	1
51−6670	Asm−Oil Pump	41	22	1
51−6680	Gear − Pump Drive	41	20	1
51−6690	Pin	41	21	1
51−6700	Asm−Oil Pump Rotor	41	*	1
51−6720	Cover − Oil Pump Case	41	26	1
51−6750	Strainer − Oil	41	30	1
51−6760	Gasket	41	27	1
51−6800	Asm−Oil Filter	42	4	1
51−6820	Washer − Gasket	42	7	1
51−6830	Asm−Relief Valve	42	8	1
51−6870	Gasket	42	6	1
51−6880	Bolt − Joint	42	1	2
51−6890	Gasket	42	2	4
51−6890	Gasket	40	32	1
51−6900	Pipe − Oil	42	3	1
51−6910	Nut − Jam	38	5	1
51−6920	Washer − Spring	38	6	1
51−6930	Spacer − Water Pump	38	8	1
51−6940	Ring − Retaining	38	9	1
51−6950	Bearing − Ball	38	10	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
51−6960	Key − Woodruff	38	11	1
51−6980	Bearing − Ball	38	13	1
51−7010	Gasket	38	16	1
51−7020	Fitting − Grease	38	15	1
51−7030	Seal Unit	38	18	1
51−7050	Cover	38	20	1
51−7080	Gasket	38	34	1
51−7130	Pulley −Water Pump	38	7	1
51−7160	Asm−Elbow	38	40	1
51−7170	Pipe	43	8	1
51−7170	Pipe	38	30	1
51−7190	Hose − Rubber	43	7	1
51−7200	Clamp − Hose	38	31	2
51−7210	Gasket	38	25	2
51−7220	Gasket	38	24	1
51−7230	Thermostat	38	23	1
51−7250	Washer	44	3	2
51−7250	Washer	36	5	5
51−7250	Washer − Spring	37	2	13
51−7250	Washer − Spring	38	2	2
51−7250	Washer − Spring	43	2	12
51−7250	Washer − Spring	41	3	11
51−7250	Washer − Spring	39	6	2
51−7250	Washer − Spring	49	6	1
51−7250	Washer − Spring	42	13	19
51−7250	Washer − Spring	45	33	3
51−7400	Washer − Spring	39	11	8
51−7400	Washer − Spring	44	24	2
51−7400	Washer − Spring	41	28	4
51−7490	Shim − 1.0mm	44	12	A/R
51−7590	Motor − Starter	49	16	1
51−7600	Screw − Set	50	4	1
51−7610	Packing	50	5	2
51−7620	Asm−Front Cover	50	6	1
51−7630	Seal − Oil	50	24	1
51−7640	Asm−Lever	50	7	1
51−7650	Asm−Spring	50	8	1
51−7660	Asm−Center Bracket	50	9	1
51−7670	Solenoid	50	10	1
51−7680	Asm−Armature	50	12	1
51−7690	Bearing	50	11	1
51−7700	Bearing	50	13	1
51−7710	Bolt Set	50	14	1
51−7720	Asm−Clutch Shaft	50	*	1
51−7730	Asm−Pinion	50	2	1
51−7740	Asm−Retaining Ring	50	1	1
51−7750	Asm−Gear	50	*	1
51−7760	Asm−Shaft	50	23	1
51−7770	Gear − Pinion	50	22	1
51−7780	Cover Set	50	21	1
51−7790	Packing	50	20	2
51−7800	Asm−Yoke	50	19	1
51−7810	Asm−Brush Holder	50	17	1
51−7820	Spring − Brush	50	18	4
51−7830	Cover − Rear	50	16	1
51−7840	Ring − Rubber	50	15	2
51−7850	Asm−Nut	51	1	1
51−7870	Screw − Set	51	4	1
51−7890	Screw − Set	51	5	1
51−7910	Asm−Rotor	51	10	1
51−7920	Bearing	51	11	1
51−7930	Stator	51	18	1
51−7950	Asm−Terminal	51	17	1
51−7960	Asm−Regulator	51	16	1
51−7970	Brush	51	15	2
51−7980	Spring − Return	51	14	2
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
51−8190	Bearing − Connecting Rod	40	*	8
51−8200	Bearing − Connecting Rod	40	*	8
51−8210	Bearing − Connecting Rod	40	*	8
51−8240	Asm−Water Pump	38	14	1
51−8250	Alternator	49	3	1
51−8260	Switch − Indicator,	36	13	1
51−8270	Washer − Sealing	36	23	1
51−8280	Bolt	36	24	1
51−8310	Bolt	37	12	1
51−8390	Shim − 1.05mm	44	*	A/R
51−8400	Shim − 1.10mm	44	*	A/R
51−8410	Shim − 1.15mm	44	*	A/R
51−8420	Shim − 1.20mm	44	*	A/R
51−8430	Shim − 1.25mm	44	*	A/R
51−8440	Shim − 1.30mm	44	*	A/R
51−8450	Shim − 1.35mm	44	*	A/R
51−8460	Shim − 1.40mm	44	*	A/R
51−8470	Shim − 1.45mm	44	*	A/R
51−8480	Shim − 1.50mm	44	*	A/R
51−8490	Shim − 1.55mm	44	*	A/R
51−8500	Shim − 1.60mm	44	*	A/R
51−8510	Shim − 1.65mm	44	*	A/R
51−8520	Shim − 1.70mm	44	*12	A/R
51−8530	Shim − 1.75mm	44	*	A/R
51−8540	Shim − 1.80mm	44	*	A/R
51−8550	Shim − 1.85mm	44	*	A/R
51−8560	Shim − 1.90mm	44	*	A/R
51−8570	Shim − 1.95mm	44	*	A/R
51−8580	Plate − Adjusting	49	4	1
51−8590	Washer − Flat	49	5	1
51−8600	Bracket − Alternator	49	8	1
51−8610	Washer − Spring	49	18	2
51−8620	Bolt	49	19	1
51−8630	Bolt	49	20	1
51−8640	Bolt	49	1	2
51−8650	Plate − Connection	49	9	1
51−8660	Plug − Glow	49	13	4
52−1321	Decal − Diesel Fuel	17	11	1
52−6180	Washer	26	6	A/R
52−6430	Washer	9	36	2
52−6430	Washer	11	54	6
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
52−9590	Latch	20	32	4
53−5940	Screw − HH	27	44	1
53−6070	Brake − Parking	9	3	1
55−4330	Arm Rest − L.H.	16	14	1
55−4331	Arm Rest − R.H.	16	*	1
56−3850	Screw − Mach. Hex. Hd.	16	13	4
56−3880	Washer	16	31	2
56−3890	Nut	16	30	1
56−3940	Washer	16	40	1
56−4150	Grip − Handle	16	6	1
56−4170	Clevis − Threaded	16	29	1
56−6710	O−Ring	53	16	2
57−6380	Screw − HH	35	11	1
57−6380	Screw − HH	35	14	1
57−6380	Screw − HH	17	40	6
58−0070	Disc − Brake	29	9	1
58−0110	Bracket	29	32	2
58−0400	Shroud − Front	2	45	1
58−0500	Cover	4	19	1
58−0660	Foot − Front	35	8	1
58−0980	Fender − LH	7	25	1
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

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
58−1560	Link	10	50	6
58−1570	Link	10	21	2
58−1580	Asm−Seat Frame	15	30	1
58−1640	Pin − Seat Pivot	15	25	1
58−1650	Rod − Seat	15	9	1
58−1750	Panel − Access	7	37	1
58−1970	Hinge − LH	17	5	1
58−1980	Hinge − RH	17	*	1
58−2040	Indicator − Glow Plug	8	17	1
58−2150	Manifold	10	40	1
58−2170	Bar	9	17	1
58−2300	Link − Brake	29	37	4
58−2720	Pin − Cylinder Mount	23	14	2
58−2720	Pin − Pivot	27	40	3
58−2800	Bushing	21	1	4
58−2810	Rod	21	3	2
58−3570	Spring − Compression	27	46	2
58−3590	Dowel	35	15	2
58−3780	Spacer	29	28	8
58−3810	Pin − Clevis	10	49	3
58−3830	Pin − Clevis	10	16	5
58−3850	Cable − Neg. Battery	64	15	1
58−3880	Clamp	57	9	3
58−3880	Clamp − Tube	59	15	5
58−3910	Pin − Hinge	17	9	2
58−3930	Bushing − Flange	17	3	2
58−4310	Ring	1	21	2
58−4380	Pin − Pivot	26	15	2
58−4380	Pin − Pivot	27	26	3
58−4450	Lever	10	18	1
58−4460	Clevis	10	20	1
58−4710	Asm−Tube	57	48	1
58−4710	Asm−Tube	58	48	1
58−4750	Asm−Tube	59	5	1
58−4750	Asm−Tube	60	5	1
58−4760	Asm−Tube	59	31	1
58−4760	Asm−Tube	60	31	1
58−4780	Asm−Tube	59	9	1
58−4780	Asm−Tube	60	9	1
58−4790	Asm−Tube	57	25	1
58−4790	Asm−Tube	58	25	1
58−4850	Asm−Tube	59	20	1
58−4850	Asm−Tube	60	20	1
58−4860	Asm−Tube	57	27	1
58−4860	Asm−Tube	58	27	1
58−4870	Asm−Tube	59	34	1
58−4870	Asm−Tube	60	34	1
58−4880	Asm−Tube	59	32	1
58−4880	Asm−Tube	60	32	1
58−4950	Asm−Tube	61	31	1
58−4950	Asm−Tube	62	31	1
58−4960	Asm−Tube	61	8	1
58−4960	Asm−Tube	62	8	1
58−4970	Asm−Tube	61	9	1
58−4970	Asm−Tube	62	9	1
58−4980	Asm−Tube	61	35	1
58−4980	Asm−Tube	62	35	1
58−4990	Asm−Tube	61	29	1
58−4990	Asm−Tube	62	29	1
58−5000	Asm−Tube	61	13	1
58−5000	Asm−Tube	62	13	1
58−5020	Asm−Tube	61	14	1
58−5020	Asm−Tube	62	14	1
58−5030	Asm−Tube	61	34	1
58−5030	Asm−Tube	62	34	1
58−5040	Asm−Tube	62	15	1
58−5040	Asm−Tube	61	15	1
58−5050	Asm−Tube	61	33	1
58−5050	Asm−Tube	62	33	1
58−5060	Asm−Tube	61	12	1
58−5060	Asm−Tube	62	12	1
58−5070	Asm−Tube	61	30	1
58−5070	Asm−Tube	62	30	1
58−5100	Washer	1	22	2
58−5100	Washer	35	27	2
58−5330	Spacer − Hinge	17	4	A/R
58−5350	Spacer − Hinge	17	*	A/R
58−5380	Latch − Draw	17	22	2
58−5420	Cap − Radiator	18	9	1
58−5430	Motor − Wheel	29	12	2
58−5460	Valve − Shut−Off	27	2	2
58−5460	Valve − Shutoff	24	5	1
58−5490	Valve − Flow Control	11	56	1
58−5520	Valve	10	28	1
58−5540	Cooler − Hydraulic Oil	18	11	1
58−5610	Rim	29	24	2
58−5620	Tube − Inner	29	25	2
58−5650	Pump − Gear	52	28	1
58−5660	Pump − Piston	52	26	1
58−5710	Asm−Hose	59	11	1
58−5710	Asm−Hose	60	11	1
58−5720	Asm−Hose	58	33	1
58−5720	Asm−Hose	57	33	1
58−5730	Asm−Hose	61	10	1
58−5730	Asm−Hose	62	10	1
58−5740	Asm−Hose	61	27	1
58−5740	Asm−Hose	62	27	1
58−5750	Asm−Hose	61	18	1
58−5750	Asm−Hose	62	18	1
58−5760	Asm−Hose	61	39	1
58−5760	Asm−Hose	62	39	1
58−5780	Asm−Hose	61	16	4
58−5780	Asm−Hose	62	16	4
58−5790	Asm−Hose	61	11	2
58−5790	Asm−Hose	62	11	2
58−5800	Asm−Hose	59	35	1
58−5800	Asm−Hose	60	35	1
58−5820	Asm−Hose	59	23	1
58−5820	Asm−Hose	60	23	1
58−5830	Asm−Hose	59	30	1
58−5830	Asm−Hose	60	30	1
58−5840	Asm−Hose	59	19	1
58−5840	Asm−Hose	60	19	1
58−5850	Asm−Hose	60	29	2
58−5850	Asm−Hose	59	29	2
58−5860	Asm−Hose	57	1	2
58−5860	Asm−Hose	58	1	2
58−5870	Asm−Hose	57	34	1
58−5870	Asm−Hose	58	34	1
58−5910	Decal − Tire Pressure	21	17	2
58−5940	Sight Glass	7	21	1
58−5960	Column − Steering	4	4	1
58−6290	Asm−Poppet	13	33	3
58−6310	Spacer	13	26	3
58−6310	Washer − Backup	13	10	6
58−6320	Wiper − Seal	13	38	3
58−6330	Asm−Seat	13	35	3
58−6340	O−Ring	13	36	3
58−6350	Asm−Plug	13	11	3
58−6370	Washer − Backup	14	15	1
58−6380	Asm−Plug	13	30	3
58−6400	Bushing	13	23	3
58−6410	Spring	13	31	3
58−6420	Asm−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	21	16	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
58−6520	Decal − Grease	23	21	1
58−6520	Decal − Grease	33	48	2
58−6530	Decal − Hydraulic Oil	15	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	Asm−Hose	59	27	1
58−6670	Asm−Hose	60	27	1
58−6680	Panel − Test Ports	7	6	1
58−6700	Washer	13	24	3
58−6710	Asm−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	Asm−Plug	13	1	3
58−6790	O−Ring	13	5	3
58−6820	Gasket	15	22	1
58−6860	Connector	64	28	1
58−6940	Decal − Coolant Only	17	1	1
58−7070	Spacer	17	23	2
58−7190	Spring	10	12	1
58−7390	Asm−Foot Rest	3	4	1
58−7730	Asm−Tube	59	7	1
58−7730	Asm−Tube	60	7	1
58−7740	Asm−Tube	61	38	1
58−7740	Asm−Tube	62	38	1
58−7750	Asm−Tube	57	38	1
58−7750	Asm−Tube	58	38	1
58−7760	Asm−Tube	57	40	1
58−7760	Asm−Tube	58	40	1
58−7770	Asm−Tube	57	39	1
58−7770	Asm−Tube	58	39	1
58−7780	Asm−Tube	57	37	1
58−7780	Asm−Tube	58	37	1
58−9010	Block	1	24	1
58−9160	Asm−Drain Plug	7	47	1
58−9210	Cam	27	42	2
58−9580	Foot Rest	1	1	1
58−9630	Sleeve − Protector	27	48	2
58−9830	Plate − Seat	15	31	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
59−7130	Knob	10	33	1
59−7140	Bumper	24	9	1
59−7140	Bumper	27	47	2
59−7160	Sender − Temp.	38	22	1
59−7190	Sleeve − Protective	61	5	4
59−7200	Sleeve − Protective	61	32	1
59−7240	Asm−Throttle	9	4	1
59−7260	Sleeve − Protective	61	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	56	1	8
59−7590	Washer − Lock	56	2	8
59−7600	Asm−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
59−7720	Shim	14	13	A/R
59−7750	Shim	14	17	A/R
59−7760	Shim	14	18	A/R
59−7770	Spring	14	19	1
59−7780	O−Ring	25	7	2
59−7780	O−Ring	14	14	1
59−7780	O−Ring	12	32	1
59−7810	Circlip	25	1	2
59−7820	Washer	25	2	2
59−7840	Spring	25	4	1
59−7850	Wiper	25	5	2
59−7860	Backup Washer	25	6	2
59−7860	Washer − Backup	12	6	1
59−7890	Kit − Seal	25	*	1
59−7910	Grommet	10	35	1
59−7930	Decal	66	2	1
59−7950	Switch − Cold Start	40	10	1
59−7960	Decal − Latch	3	6	1
59−7970	Stud	56	3	8
59−7990	Seal − Gland	56	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
59−8120	O−Ring	12	33	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	30	6	1
59−8270	Asm−Back Plate	30	5	1
59−8280	Screw − HH	30	2	3
59−8290	Screw − HH	30	1	3
59−8300	Asm−Housing	30	17	1
59−8320	Ring − Retaining	65	12	1
59−8340	Asm−Rotating	30	19	1
59−8350	Asm−Camplate	30	18	1
59−8360	Shaft − Drive	30	10	1
59−8370	Seal − Shaft	30	11	1
59−8380	Key	30	8	1
59−8390	Kit − Seal Repair	30	*	1
59−8420	O−Ring	65	5	2
59−8440	Decal − Warning	18	10	1
59−8470	Retainer − Seal	56	6	2
59−8500	Drive Gear − Spline	56	10	1
59−8540	Coupling	56	14	1
59−8550	O−Ring	52	10	1
59−8570	Seal − Shaft	56	17	1
59−8580	Ring − Retaining	56	18	1
59−8590	Seal − Shaft	56	9	1
59−8600	Driven Gear	56	11	1
60−0050	Spring	15	24	1
60−0080	Bushing − Flanged	27	43	2
60−0090	Pin − #1 Lift Arm Pivot	27	17	1
60−0090	Pin − Lift Arm, Pivot	23	17	2
60−0100	Pin − #4 & 5 Lift Arm Pivot	27	21	2
60−0160	Pin − Roller Rear	21	24	2
60−0190	Retainer	23	20	1
60−0190	Retainer − #1 & 4 Pivot Pin	27	18	1
60−0300	Rod	24	11	1
60−0550	Bushing	10	23	1
60−0600	Bracket	2	47	1
60−0670	Spring − Compression	23	11	2
60−0730	Bracket − Lock, Neutral	2	35	1
60−0760	Clevis	2	42	1
60−0790	Grommet	4	27	1
60−0930	Clip	18	5	2
60−0930	Clip	64	5	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
60−1010	Lug − Angle	35	22	1
60−1050	Bracket	27	15	2
60−1110	Bushing	2	48	2
60−1130	Lever	1	10	1
60−1240	Spring	21	6	2
60−1250	Asm−Hose	57	19	1
60−1250	Asm−Hose	58	19	1
60−1250	Asm−Hose	61	41	2
60−1250	Asm−Hose	62	41	2
60−1280	Pin − Roll	27	27	3
60−1280	Pin − Roll	26	14	2
60−1340	Rod − Push RH	27	45	1
60−1350	Rod − Push LH	27	*	1
60−1360	Clamp	57	24	1
60−1360	Clamp − Tube	59	36	3
60−1630	Asm−Hose	59	25	1
60−1630	Asm−Hose	60	25	1
60−1640	Retainer − #5 Pivot Pin	27	*	1
60−1740	Nut − Spring	29	36	4
60−1750	Lever − R.H.	23	3	1
60−1780	Lever − L.H.	23	8	1
60−1820	Shaft − Pivot	23	6	1
60−1900	Asm−Tube	57	8	1
60−1900	Asm−Tube	58	8	1
60−1990	Bushing − Flange	23	4	2
60−2000	Pin − Dowel	23	2	6
60−2010	Sleeve − Protective	57	10	1
60−2020	Shield − Heat	7	40	1
60−2080	Clamp − Hose	61	25	1
60−2080	Clamp − Hose	21	34	1
60−2110	Pin − Roll	1	5	5
60−2110	Pin − Roll	21	25	8
60−2110	Pin − Spirol	10	36	2
60−2140	Spring	9	23	2
60−2160	Wire − Retaining	15	3	1
60−2170	Screw − Pan Hd.	8	21	2
60−2180	Fitting − Tee	59	22	1
60−2780	Tube − Drain	45	38	1
60−3060	Washer	47	2	8
60−3060	Washer	46	12	1
60−3070	Valve − Pressure	47	1	1
60−3090	Banjo	47	3	4
60−3100	Valve − Pressure	47	9	1
60−3110	Washer	47	10	1
60−3120	Nut	47	7	4
60−3130	Plate − Clamping	47	8	1
60−3140	Spring	47	12	1
60−3140	Spring	46	15	1
60−3150	Ring − Sealing	47	13	1
60−3150	Sealing Ring	46	14	1
60−3160	Solenoid	47	11	1
60−3160	Solenoid	46	13	1
60−3250	Washer − Rubber	26	7	1
60−3260	Screw	4	10	1
60−3340	Asm−Hose	61	36	1
60−3340	Asm−Hose	62	36	1
60−3380	Bearing	30	16	1
60−3520	O−Ring	52	27	1
60−3530	Bolt	52	33	2
60−3540	Washer	52	32	2
60−3590	Bearing	30	7	1
60−3610	Ring − Snap	28	6	1
60−3620	Seal	28	5	1
60−3630	Wiper	28	4	1
60−3650	Washer	28	2	1
60−3660	Screw − Bleed	28	1	1
60−3670	Pin − Roll	32	41	1
60−3680	Hose − Overflow	18	6	1
60−3720	Pin − Roll	21	2	2
60−3780	Kit − Seal	13	*	1
60−3800	Coupling	31	1	1
60−3810	Shaft − Input	31	2	1
60−3820	Spindle	31	3	1
60−3830	Seal − Oil	31	4	1
60−3840	Cone − Bearing	31	5	1
60−3850	Cup − Bearing	31	6	2
60−3860	Bolt − Wheel	31	7	9
60−3870	Hub	31	8	1
60−3880	Cone − Bearing	31	9	1
60−3890	Bolt − Hex. Hd.	31	10	6
60−3900	Gear − Ring	31	24	1
60−3910	Washer − Flat	31	11	6
60−3930	Ring − Retaining	31	29	1
60−3940	Washer	31	26	2
60−3950	Spring − Disengage	31	27	1
60−3980	Washer − Thrust	31	12	1
60−3990	Washer − Thrust	31	23	1
60−4010	Plunger − Disengage	31	22	1
60−4020	O−Ring	31	21	1
60−4030	Bolt − Hex Hd.	31	17	8
60−4040	Plug − Pipe	31	16	1
60−4050	Cover − Large	31	19	1
60−4060	Cover − Disengage	31	18	1
60−4070	Bolt − Hex. Hd.	31	14	2
60−4120	Pin − Tow Bar	66	7	1
60−4150	Pin − Retaining	66	3	1
60−4190	Grass Shield − L.H.	21	30	1
60−4200	Grass Shield − R.H.	21	31	1
60−4480	Asm−Shackle	66	8	1
60−4550	Switch − Micro	12	19	1
60−5000	Bracket	44	1	1
60−5010	Asm−Fuel Filter	44	2	1
60−5020	Clip	44	27	4
60−5030	Wrap − Spiral	44	5	2
60−5040	Hose − Fuel Feed	45	37	1
60−5070	Pipe − Fuel	45	30	1
60−5090	Clamp − Lower	44	18	2
60−5100	Asm−Injection Pump	45	31	1
60−5150	Hose − Rubber	44	20	1
60−5160	Clip	44	21	3
60−5170	Connector	44	22	1
60−5180	Clip	44	26	1
60−5210	Clamp − Upper	44	23	2
60−5220	Nut	39	2	1
60−5330	Asm−Pulley	51	2	1
60−5340	Asm−Front Cover	51	7	1
60−5350	Bearing	51	8	1
60−5430	O−Ring	49	14	1
60−5450	Plug − Air	48	3	1
60−5470	Asm−Filter Element	48	4	1
60−5480	Sensor − Water	48	6	1
60−5490	Kit − Drain Plug	48	8	1
60−5580	Switch − Temperature	15	19	1
60−5590	Switch − Temp.	38	21	1
60−5650	Sleeve − Protective	61	24	1
60−5660	Sleeve − Protective	61	26	1
60−5690	Clip − Safety	10	5	3
60−5700	Spring	1	23	2
60−5710	Plug	53	6	1
60−5720	O−Ring	53	2	2
60−5720	O−Ring	13	9	6
60−5730	Disc	53	8	A/R
60−5740	Asm−Body	53	21	1
60−5760	Pin − Dowel	53	4	4
60−5770	Asm−Idler Gear	53	10	1
60−5780	Asm−Drive Gear	53	7	1
60−5820	Spring	53	9	1
60−5860	Plug	53	1	1
60−5890	Washer	53	13	1
60−5890	Washer − Backup	65	14	1
60−5900	Kit − Seal Repair	53	*	1
60−5910	Kit − Repair, Back Plate	53	*	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
60−5950	Washer − Backup	14	7	1
60−5950	Washer − Backup	55	46	2
60−5980	O−Ring	54	33	2
60−5990	Race − Inner	54	20	1
60−6000	Asm−Housing	54	19	1
60−6010	Cover − Trunnion	54	23	1
60−6020	Camplate	54	14	1
60−6030	Asm−Rotating Kit	54	12	1
60−6040	Asm−Back Plate	54	9	1
60−6050	Bearing	55	48	1
60−6060	Cartridge	54	37	1
60−6070	Poppet	54	40	1
60−6080	O−Ring	54	38	1
60−6090	Spring	54	39	1
60−6110	Bearing − Needle	54	18	2
60−6120	Cover − Seal	54	15	1
60−6130	Gasket − Housing	54	10	1
60−6140	Shaft − Drive	54	31	1
60−6150	Bearing	55	47	1
60−6160	Race − Thrust	54	29	2
60−6170	Bearing − Needle, Thrust	54	30	1
60−6180	O−Ring	54	5	1
60−6190	O−Ring	54	21	1
60−6200	Asm−Charge Pump Adapter	54	2	1
60−6210	Cover − O−Ring	54	22	1
60−6220	Screw − HH	54	36	2
60−6230	Screw − HH	54	1	2
60−6240	Washer	54	27	1
60−6250	Washer	54	17	2
60−6260	Ring − Retaining	54	25	1
60−6270	Ring − Retaining	54	28	2
60−6300	Seal − Shaft	54	26	1
60−6310	Key	54	13	1
60−6320	Key	54	35	1
60−6330	Screw	54	24	4
60−6340	Kit − Bleed−Off Valve	55	*	1
60−6350	Asm−Gerotor Gear	54	7	1
60−6360	Kit − Charge Relief Spring	55	*	1
60−6400	Kit − Seal	55	*	1
60−6440	Eyelet	13	32	3
60−6450	Disc	13	2	A/R
60−6650	Screw − HH	59	16	2
60−6650	Screw − HH	11	60	2
60−6660	Nut − Hex	21	7	2
60−6740	Washer	2	38	3
60−6760	Screw	1	18	3
60−6870	Screw	21	18	3
60−6870	Screw − HH	35	21	4
60−6990	Washer	29	19	18
60−6990	Washer	1	29	1
60−7040	Bolt	43	10	2
60−7050	Bolt	44	4	2
60−7050	Bolt	37	7	8
60−7060	O−Ring	37	6	1
60−7110	Bolt	39	5	2
60−7110	Bolt	42	12	16
60−7110	Bolt	36	17	2
60−7110	Bolt	41	37	2
60−7110	Bolt	38	46	2
60−7120	Nut	45	32	3
60−7180	Bolt	37	1	1
60−7190	Gasket	45	35	1
60−7200	Plate − Flange	37	11	1
60−7210	Bolt	37	21	1
60−7260	Nut − Hex	46	11	1
60−7280	Bolt	43	1	8
60−7280	Bolt	36	16	2
60−7290	Bolt	44	25	2
60−7290	Bolt	41	29	4
60−7300	Bolt	43	11	2
60−7310	Bolt	36	35	1
60−7360	Bolt	42	19	1
60−7370	Bolt	41	4	5
60−7370	Bolt	49	7	1
60−7370	Bolt	42	17	2
60−7430	Asm−Oil Seal	39	13	1
60−7480	Bolt	39	10	7
60−7490	Bolt	39	12	8
61−3610	Decal	26	32	2
61−3610	Decal	27	52	3
62−2610	Strainer	15	16	1
62−6290	Decal − Lift Lever	7	26	1
62−6300	Asm−Sleeve	19	10	1
62−6320	Screw − Brass	38	33	1
62−6370	Kit − Seal	28	*	1
62−6400	Asm−Drive Hub	29	21	2
62−6410	Asm−Primary Carrier	31	15	1
62−6420	Asm−Secondary Carrier	31	20	1
62−6430	Gear − Primary Sun	31	13	1
62−6440	Foot Pad	3	3	1
62−6450	Kit − Retaining Ring	31	28	1
62−6460	Tube − RW Sealant	31	*	1
62−7400	Decal − Toro	2	46	1
62−7650	Gasket − Fuel Sender	20	9	1
63−4380	Decal − Instruction	66	2	2
63−4390	Bearing − Needle	54	6	1
63−4440	O−Ring	12	5	1
63−4480	Tire	29	26	2
63−4510	Spring	12	15	1
63−4520	Kit − Seal	14	*	1
63−4540	Decal − Ground Speed	4	20	1
63−4560	Spring	46	2	1
63−4570	Lever	46	3	1
63−4580	Nut	46	4	2
63−4590	Screw − Vent	46	5	1
63−4600	Body − Screw Vent	46	6	1
63−4610	Washer	46	7	3
63−4620	Washer	46	8	4
63−4630	Key	46	9	1
63−4640	Washer − Lock	46	10	1
63−4650	Washer	47	6	2
63−4660	Washer	47	5	4
63−4670	Valve − Pressure	47	4	2
63−4680	Asm−Tube	59	8	1
63−4680	Asm−Tube	60	8	1
63−4700	Valve − Flow Regulator	11	72	1
63−4710	Asm−Tube	61	37	1
63−4710	Asm−Tube	62	37	1
63−4740	Bolt − Cylinder Head	40	33	2
63−4780	Valve − Relief	12	8	1
63−4800	Valve − Control	10	9	1
63−4820	Detent − Block	12	25	1
63−4830	Screw − HH	12	22	2
63−4840	Spool − Screw	12	26	1
63−4850	Plunger	12	18	1
63−4860	Circlip	12	14	1
63−7590	Relay	5	10	1
63−8360	Key − Ignition	8	8	2
63−8410	Washer − Flat	20	30	2
63−9920	Decal − EEC 105	4	32	1
65−5870	Tube − Manual	15	11	1
65−5890	Cap − Tube	15	8	2
66−2490	Retainer − Battery	18	39	1
66−2940	Gauge − Fuel	8	6	1
66−2950	Hourmeter	8	7	1
66−3160	Screw	2	44	7
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
66−5590	Kit − Seal	11	*	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
66−5710	Seal − Shaft	65	13	1
66−5730	Asm−Plate & Bushings	65	8	1
66−5740	Body	65	6	1
66−5750	Gear − Idler	65	2	1
66−5760	Gear − Drive	65	3	1
66−5770	Screw − Cap Soc. Hd.	65	9	8
66−5840	Kit − Seal Repair	30	*	1
66−5860	Adapter − 45°	11	55	1
66−6140	Decal − TORO	20	21	1
68−6030	Screw − HH	38	26	2
68−6040	Bracket − Latch	17	26	2
68−6150	Breather	7	15	1
68−6270	Kit − Tube	59	21	1
68−6270	Kit − Tube	60	21	1
68−6310	Kit − Tube	57	29	1
68−6310	Kit − Tube	58	29	1
68−6340	Kit − Tube	57	30	1
68−6340	Kit − Tube	58	30	1
68−6370	Kit − Tube	59	13	1
68−6370	Kit − Tube	60	13	1
68−6400	Asm−Oil Pan	42	15	1
68−6410	Gasket	42	9	1
68−6420	Plug	42	11	1
68−6430	Gasket	42	10	1
68−6440	Dipstick	42	14	1
68−6460	Kit − Relief Valve	54	32	2
68−6480	Bushing	26	2	4
68−6480	Bushing	27	23	6
68−7575	Strip − Sealing	18	12	3
68−7810	Panel − Lining	7	48	1
68−7840	Strip − Foam	7	33	1
68−7850	Strip − Foam	15	26	1
68−8080	Wheel − Steering	4	3	1
69−1830	Asm−Plug	13	14	1
69−1940	Indicator − Electrical	43	12	1
69−2960	Hub − Wheel, Rear	32	9	2
69−2970	Cap − Hub	32	16	2
69−2980	Seal − Inner	32	22	2
69−2990	Screw − Drive	32	8	10
69−4780	Clamp − Gauge	5	15	2
69−6470	Bushing − Flange	32	5	4
69−8890	Cap − Spindle	32	2	2
69−9550	Plate − Pump Adapter	35	17	1
69−9810	Joint − Ball	32	45	1
69−9880	Tire	32	12	2
70−1240	Asm−Plug	54	3	2
70−2860	Bolt	37	28	4
70−5040	Hose − By−Pass	38	32	1
71−4040	Asm−Filler Cap	15	12	1
72−0130	Button − Horn	4	1	1
72−0140	Gasket	44	6	4
72−0150	Asm−Nozzle	44	*	4
72−0160	Asm−Nozzle Tip	44	7	4
72−0170	Pipe − Injector No. 1	45	29	1
72−0180	Pipe − Injector No. 2	44	16	1
72−0190	Pipe − Injector No.3	44	28	1
72−0200	Pipe − Injector No. 4	44	19	1
72−0210	Pipe − Fuel Leak−Off	44	17	1
72−0270	Nut − Retaining	44	8	4
72−0280	Spacer	44	9	4
72−0290	Pin − Pressure	44	10	4
72−0300	Spring − Pressure	44	11	4
72−0310	Nut	44	15	4
72−0320	Nozzle − Body	44	13	4
72−0330	Packing	44	14	4
72−9760	Switch − Override	8	19	1
74−2710	Clamp − Split	61	22	4
74−2730	Spacer	61	44	4
74−2750	Retainer	61	21	2
74−2780	Asm−Tube	57	32	1
74−2780	Asm−Tube	58	32	1
74−2790	Asm−Tube	57	36	1
74−2790	Asm−Tube	58	36	1
74−2810	Asm−Tube	57	35	1
74−2810	Asm−Tube	58	35	1
74−2820	Asm−Tube	57	28	1
74−2820	Asm−Tube	58	28	1
74−2850	Muffler	21	11	1
74−2900	Spark Arrester − Muffler	21	*	1
74−2920	Carrier − Front	23	7	1
74−3090	Spring	6	20	2
74−3140	Ball − Check	6	22	2
74−3170	Linkage − Cross Cut Control	11	74	1
74−3190	Lever − Lift	10	2	3
74−9100	Pad − Forward	1	3	1
74−9110	Pad − Reverse	1	4	1
75−1370	Cable − Pos. Battery	64	16	1
75−6700	Sensor − Magnetic	29	45	1
75−7790	Handle	18	15	2
75−8200	Asm−Hose	57	2	1
75−8200	Asm−Hose	58	2	1
75−8210	Asm−Hose	57	7	1
75−8210	Asm−Hose	58	7	1
76−2290	Spacer	18	19	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	21	8	1
76−3560	Clamp − Exhaust	21	41	1
76−8750	Plate − Caution	18	27	1
77−3620	Knob − Retainer	17	10	2
77−4800	Cylinder − Steering	32	36	1
77−4830	Decal	4	5	1
77−4840	Speedometer	8	4	1
80−3330	Gasket	19	13	1
80−9330	Alarm − Audio	5	6	1
82−2710	Screw	16	35	1
82−2720	Frame − Seat	16	23	1
82−2730	Kit − Wear Parts	16	4	1
82−2740	Spring Set − Tension	16	5	1
82−2750	Asm−Spindle Adj.	16	34	1
82−2760	Kit − Bushing	16	41	1
82−2770	Asm−Shock Absorber	16	38	1
82−2790	Rail − Adjust. R.H.	16	21	1
82−2800	Cushion − Backrest	16	12	1
82−2810	Asm−Switch	16	25	1
82−2820	Asm−Swing Arm	16	20	1
82−2830	Clamp	16	37	2
82−2840	Cushion − Bottom	16	15	1
82−2850	Plate	16	1	1
82−2860	Spring Set − Tension	16	33	1
82−2870	Lever − Adjust	16	7	1
82−2880	Asm−Weight Adj.	16	*	1
82−2980	Plate − Cover	21	51	1
82−2990	Clamp − Tube	21	50	2
82−4910	Roller	21	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	63	6	1
82−5940	Wire − Jumper	63	4	1
82−8700	Ring − Retaining	31	25	2
82−9210	Shaft − Pivot	32	42	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
82−9230	Harness − Wire	63	1	2
82−9250	Stud − Threaded	23	1	2
82−9260	Asm−Tie Rod	32	27	1
82−9280	Disc − 22 Hole	29	42	2
82−9310	Panel − Display	4	25	1
82−9330	Bracket − Sensor	29	4	1
82−9340	Switch − Oil Level	15	10	1
82−9360	Rod − Latch	23	13	2
82−9370	Pad − Step	23	9	1
82−9620	Washer − Spring	16	26	2
82−9630	Nut	16	27	2
82−9640	Screw	16	24	2
82−9650	Nut	16	19	4
82−9660	Washer	16	18	4
82−9670	Nut	16	39	1
82−9680	Rivet	16	2	2
82−9690	Screw	16	17	4
82−9700	Screw	16	3	1
82−9710	Trim − Bottom	16	22	1
82−9720	Trim − Backrest	16	32	1
82−9730	Wire − Jumper	63	5	2
82−9740	Wire − Jumper	63	7	1
82−9750	Asm−Jumper	64	18	1
82−9760	Harness − Wiring Gauges	64	7	1
82−9770	Harness − Wire	63	8	1
82−9780	Harness − Wire	63	3	1
82−9790	Harness − Wiring Valve	64	9	1
82−9800	Harness − Wire	64	14	1
82−9810	Harness − Wiring Traction	64	10	1
82−9820	Harness − Wire	63	2	1
82−9840	Asm−Hose	57	16	1
82−9840	Asm−Hose	58	16	1
82−9840	Hose − Hydraulic	32	35	1
82−9841	Asm−Hose	57	11	1
82−9841	Asm−Hose	58	11	1
82−9841	Hose − Hydraulic	32	37	1
82−9850	Axle − Rear	32	6	1
82−9940	Harness − Wire Horn	64	12	1
84−6210	Asm−Hydraulic Cylinder	26	31	2
84−6210	Asm−Hydraulic Cylinder	27	28	3
84−6230	Asm−Hose	59	33	1
84−6230	Asm−Hose	60	33	1
84−6240	Asm−Hose	59	4	1
84−6240	Asm−Hose	60	4	1
84−6400	Orifice − .047 Dia.	13	39	2
84−6401	Orifice − .052 Dia.	13	40	1
84−6420	Plunger	13	37	2
84−6430	Plunger	13	29	1
84−6440	Shield − Grass	30	20	1
84−6450	Spring	13	19	1
84−6470	Bracket − Filter	9	32	1
84−6480	Plate − Decal	23	24	1
86−5480	Fitting − Diagnostic	52	2	1
86−5990	Harness − Hyd. Filter	63	9	1
86−6000	Asm−Gear Pump	52	15	1
86−6010	Cover − Front	56	4	1
86−6020	Center S/A Section	56	8	1
86−6030	Port Section − Rear	56	13	1
86−6040	O−Ring	56	15	1
86−6050	Plug	56	16	1
86−6070	Plate − Wear	56	7	2
86−6080	O−Ring Seal	56	12	2
86−6090	Asm−Hydraulic Oil Filter	9	22	1
86−6100	Switch − Filter Warning	9	21	1
86−6110	Asm−Element	9	11	1
86−6120	Decal − Towing	23	15	1
86−6130	Stud − Ball	17	12	4
86−6200	Guide − Valve	40	14	8
86−6210	Retainer − Upper	41	42	8
86−6220	Tappet	41	39	8
86−6230	Bolt	36	29	6
86−6240	Plug − Taper	36	28	3
86−6250	Plate − Front	36	36	1
86−6270	Gasket	39	24	1
86−6280	Asm−Crankshaft	39	25	1
86−6290	Asm−Idler Gear	37	9	1
86−6300	Bushing	37	18	1
86−6310	Gear − Injector Pump	37	15	1
86−6320	Shaft	38	12	1
86−6330	Pipe	38	17	1
86−6340	Impeller	38	19	1
86−6350	Ring − Retaining	38	43	1
86−6360	Washer	38	42	1
86−6370	Spacer	38	41	1
86−6380	Washer	45	34	3
86−6390	Stud	45	36	3
86−6400	Diode	49	21	1
86−6400	Diode	64	24	1
86−6430	Asm−Rear Cover	51	12	1
86−6440	Asm−Rectifier	51	13	1
86−6450	Kit − Seal	56	*	1
86−6470	Decal − RM4500D	17	31	2
86−6520	Switch − Temp. Warning	40	1	1
86−6570	Lever	21	20	1
86−6580	Lever − RH	21	*	1
86−6590	Lever − LH	21	28	1
86−6610	Bolt − Inlet	47	18	1
86−6620	Bolt	47	16	1
86−6630	Seal − Rubber	47	15	1
86−6640	O−Ring	47	14	1
86−6650	Bolt − Outlet	46	16	1
86−6660	Joint	47	17	1
86−6670	Tube − Fuel	47	19	1
86−6680	Asm−Lever	46	*	1
86−6680	Nut	46	25	1
86−6690	Lever	46	19	1
86−6700	Bushing	46	18	1
86−6710	Arm	46	20	1
86−6720	Washer	46	22	1
86−6730	Spring	46	21	1
86−6740	Guide	46	23	1
86−6750	Washer	46	17	2
86−6760	Guide	46	1	1
86−6770	Screw	46	24	1
86−6790	Washer	46	26	1
86−6800	Bolt	46	28	1
86−6810	Asm−Pipe	46	29	1
86−6820	Bolt	46	27	2
88−6760	Spring − Gas	17	17	2
92−1753	Coupling − Spring Center	35	16	1
92−2951	Rail − Adjust. L.H.	16	16	1
92−2961	Fan	38	4	1
92−2986	Engine − Complete	36	*	1
92−4703	Body − Lower	20	24	1
92−4713	Canopy − Front	17	32	1
92−4725	Asm−Hose	57	15	1
92−4725	Asm−Hose	58	15	1
92−4729	Asm−Radiator	18	20	1
92−4730	Plate − Floor	2	40	1
92−4731	Pipe − Intake	43	17	1
92−4746	Fender − RH	7	38	1
92−4751	Tube − Breather	7	16	1
92−4752	Hose − Intake	43	19	1
92−4753	Strap − Oil Cooler	18	14	2
92−4754	Bracket − Cable	43	13	1
92−4754	Bracket − Cable	9	43	1
92−4760	Spacer − Fan	38	44	1
92−4761	Chassis	21	29	1
92−4768	Tiedown	21	43	2
92−4795	Hose − Radiator Lower	18	3	1
92−4796	Hose − Radiator Upper	18	7	1
92−4798	Shroud − Fan	18	24	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
92−4799	Fitting − Hydraulic Tee	7	42	1
92−4799	Fitting − Hydraulic Tee	52	4	1
92−5253	Strip − Sealing	17	7	1
92−5256	Bushing − Universal	8	27	2
92−5259	Piston Std.	40	19	4
92−5260	Piston .05 0.25mm	40	*	4
92−5261	Piston .05 0.5mm	40	*	4
92−5262	Piston Ring Set Std.	40	17	1
92−5263	Piston Ring Set 0.5. 0.25mm	40	*	1
92−5264	Piston Ring Set 0.5. 0.50mm	40	*	1
92−5265	Jet − Combustion Std.	40	29	4
92−5266	Gasket − Cylinder Head	40	30	1
92−5267	Asm−Cylinder Head	40	31	1
92−5268	Kit − Engine Gasket	36	*	1
92−5269	Bellows	20	43	1
92−5270	Baffle − Lower Body	17	18	1
92−5524	Decal − Noise Rating, 90	4	31	1
92−5652	Bracket − Gas Spring	17	38	2
92−5653	Ring − Clamp	20	42	1
92−5654	Panel − Clean Out	20	40	1
92−5655	Spacer	17	2	2
92−5656	Plate − Face, Instrument	8	3	1
92−5657	Panel − Instrument	8	11	1
92−5670	Strip − Sealing	20	23	2
92−5671	Strip − Sealing	20	22	1
92−5672	Support − Foam Top/Side	17	35	1
92−5673	Support − Foam Front	17	33	1
92−5674	Neck − Fuel Fill	20	16	1
92−5675	Grommet	20	18	1
92−5678	Foam − Top	17	36	1
92−5679	Foam − Front	17	34	1
92−5680	Foam − Side RH	17	*	1
92−5681	Foam − Side LH	17	30	1
92−5682	Seal	7	23	1
92−5685	Harness − Wiring Main	64	17	1
92−5694	Hose − Hydraulic	7	35	1
92−5697	Screw − Hex. Socket Hd.	38	45	4
92−6050	Guard − Hose	22	5	1
92−6051	Bracket − Bumper	22	2	2
92−6052	Bumper	22	4	1
92−6058	Fitting	29	14	4
92−6058	Fitting − Long	52	20	1
92−6059	Plug − Button	21	45	12
92−6060	Strip − Sealing	17	39	1
92−6062	Foam − Radiator Seal	18	13	1
92−6064	R−Clamp	20	14	3
92−6065	Shield	18	34	1
92−6069	Shield − Exhaust	20	27	1
92−6081	Foam − Dampener	7	51	1
92−6086	Screen − Rear	17	6	1
92−6094	Bolt	37	4	1
92−6096	Case − Timing Gear	37	23	1
92−9200	Cover	15	18	1
92−9202	Asm−Tube	58	14	2
92−9202	Asm−Tube	57	14	2
92−9210	Lever Pump	1	28	1
92−9211	Gauge − Temperature	8	5	1
92−9220	Valve − Steering	4	6	1
92−9221	Cable − Spring	9	28	1
92−9221	Cable − Spring	2	39	1
92−9222	Cable − Brake	9	13	1
92−9225	Asm−Yoke	9	24	1
92−9228	Lever − Neutral Lock	2	36	1
92−9245	Hose − Intake	18	25	1
92−9246	A−Frame	26	10	1
92−9253	Asm−Relief Valve	53	23	1
92−9254	O−Ring	53	26	1
92−9255	O−Ring	53	24	1
92−9256	Washer − Back Up	53	25	1
92−9257	Kit − Seal Repair	53	*	1
92−9258	Fitting − Check Valve	11	77	3
92−9259	Asm−Backplate/Relief	65	21	1
92−9260	Kit − Relief Valve	65	15	2
92−9265	Housing − Thermostat	38	29	1
92−9266	Standpipe	20	4	2
92−9267	Sender − Fuel	20	8	1
92−9272	Hose − Fuel Fill	20	11	1
92−9273	Console − Center	7	7	1
92−9283	Hose − Vent, Fuel	20	12	1
92−9284	Hose − Fuel, Suction	20	2	1
92−9285	Hose − Fuel, Return	20	1	1
92−9289	Lift Arm No. 1	27	41	1
92−9290	No. 2 Lift Arm	26	12	1
92−9291	No. 3 Lift Arm	26	1	1
92−9296	Lift Arm No. 4	27	24	1
92−9297	Lift Arm No. 5	27	*	1
92−9730	Cap − End	6	16	1
92−9732	Plate − Spacer	6	13	1
92−9733	Screw − HH	6	18	7
92−9737	Plug − Retainer	6	21	2
92−9747	Kit − End Cap	6	*	1
92−9749	Kit − Seal	6	*	1
93−0307	Nut − Retainer	33	50	2
93−0309	Washer − Tab	32	18	2
93−0310	Spindle − Wheel RH	33	47	1
93−0311	Spindle − Wheel LH	32	7	1
93−1402	Tank − Fuel	20	20	1
93−1410	Kit − Tube	59	6	1
93−1410	Kit − Tube	60	6	1
93−1412	Asm−Reel Motor	65	*	1
93−1413	Kit − Seal Repair	65	*	1
93−1420	Tray − Battery	18	41	1
93−1430	Clutch − Fan	38	3	1
93−1432	Valve − Lift Control	10	15	1
93−1434	Cluster − Warning Lights	5	1	1
93−1435	Cluster − Warning Lights	5	2	1
93−1445	Canopy − Center	17	43	1
93−3102	Cap − Fuel	20	17	1
93−6668	Decal − Battery (Europe)	18	42	1
93−6680	Decal − Diesel Fuel	17	11	1
93−6681	Decal − Fan (Europe)	18	45	1
93−7252	Decal − CE Mark	4	33	1
93−7276	Decal − Danger (Europe)	18	43	1
93−7331	Decal − (Europe)	26	32	1
93−7331	Decal − (Europe)	27	52	1
93−7752	Guard − Fan (Europe)	18	46	1
93−7767	Guard − Pulley (Europe)	45	39	1
93−7768	Coupling (Europe)	11	53	1
93−7790	Shield	8	31	1
93−7791	Bracket	8	30	1
93−7792	Shield − Glow Plug Indicator	8	29	1
93−7793	Plate	8	28	1
93−8067	Decal − Hydraulic Oil	15	23	1
93−9397	Decal − Ground Speed	4	*	1
93−9399	Decal − Noise (Europe)	4	5	1
93−9400	Decal − Towing (Europe)	23	15	1
93−9401	Decal − Test Ports (Europe)	7	6	1
93−9402	Panel − Side, Control	9	30	1
93−9403	Panel − Face, Instrument	8	3	1
93−9404	Decal − Coolant (Europe)	17	1	1
93−9405	Decal − Tire Pressure	21	17	2
93−9406	Decal − Hyd. Fill (Europe)	7	20	1
93−9407	Decal − Lift Lever (Europe)	7	26	1
93−9408	Decal − Warning (Europe)	7	32	1
93−9409	Decal − Latch (Europe)	3	6	1
93−9425	Decal − Danger (Europe)	7	31	1
93−9426	Decal − Danger	7	31	1
93−9427	Decal − 5 Blade Clip	4	34	1
94−8265	Kit − Metering	14	*	1
94−8288	Switch	5	11	2
94−8290	Switch − Glow Plug	8	14	1
94−8451	Spacer − Coupling	35	18	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
95−6050	Pin − Dowel	54	11	2
217−116	Rim	32	14	2
218−446	Nut − Switch	8	15	1
218−447	Washer − Lock, Switch	8	16	1
218−497	Nut − Beveled	8	32	1
218−498	Nut − Hex.	5	12	2
218−498	Nut − Hex.	8	13	2
219−17	Bulb − Warning Light	5	*	8
2116−3	Joint − Ball, L.H.	32	*	1
2116−4	Joint − Ball RH	32	23	1
232−27	Stem − Valve	32	19	2
233−10	Knob	10	19	1
233−25	Knob	9	15	1
233−39	Knob	10	1	3
237−21	O−Ring	29	1	2
237−21	O−Ring	10	11	1
237−21	O−Ring	7	27	5
237−22	O−Ring	59	3	31
237−22	O−Ring	29	6	2
237−22	O−Ring	4	9	4
237−22	O−Ring	57	12	22
237−22	O−Ring	52	18	4
237−22	O−Ring	26	27	2
237−22	O−Ring	10	30	15
237−22	O−Ring	27	38	3
237−22	O−Ring	32	38	2
237−22	O−Ring	7	39	2
237−30	O−Ring	52	23	1
237−30	O−Ring	52	35	1
237−30	O−Ring	59	39	1
237−30	O−Ring	57	50	1
237−42	O−Ring	59	1	7
237−42	O−Ring	52	3	1
237−42	O−Ring	29	8	2
237−42	O−Ring	7	10	5
237−42	O−Ring	65	16	2
237−42	O−Ring	26	25	2
237−42	O−Ring	10	32	11
237−42	O−Ring	11	61	1
237−42	O−Ring SAE	27	36	3
237−58	O−Ring	29	15	4
237−58	O−Ring	52	21	3
237−65	O−Ring	24	2	3
237−65	O−Ring	61	3	26
237−65	O−Ring	27	4	9
237−65	O−Ring	52	7	1
237−65	O−Ring	7	17	1
237−65	O−Ring	10	45	9
237−78	O−Ring	10	27	1
237−78	O−Ring	32	40	2
237−79	O−Ring	4	7	4
237−79	O−Ring	52	25	3
237−79	O−Ring	7	36	1
237−79	O−Ring	11	58	2
237−80	O−Ring	24	4	3
237−80	O−Ring	59	14	1
237−80	O−Ring	52	37	1
237−80	O−Ring	10	43	9
237−80	O−Ring	7	46	1
237−80	O−Ring SAE	27	6	6
237−81	O−Ring	61	1	10
237−81	O−Ring	52	9	3
237−81	O−Ring	29	13	4
237−100	Grommet	64	4	1
237−114	O−Ring	55	45	2
237−118	O−Ring	30	4	2
237−118	O−Ring	29	11	2
237−123	O−Ring	9	25	2
237−123	O−Ring	10	39	1
237−141	Grommet	17	27	4
237−146	O−Ring	52	29	1
240−9	Grommet	20	45	3
240−11	Grommet	20	29	2
2410−18	Plug	66	2	1
2411−44	Rod End − Ball Joint	2	52	1
2412−7	Asm−Clamp	32	25	2
2412−31	Clip	9	12	1
2412−42	Clamp − Hose	43	18	1
2412−42	Clamp − Hose	20	19	2
2412−42	Clamp − Hose	18	26	2
2412−74	Clamp−R	64	25	1
2412−92	Clamp	57	18	2
2412−92	Clamp − Hose	18	4	4
2412−102	R−Clamp	15	34	2
2412−106	Clamp − R	7	2	2
2412−108	Clamp − Hose	20	3	5
2412−109	Clip	64	3	2
2412−131	Clamp−R	64	21	3
2412−132	Clamp	21	13	1
252−66	Bearing − Thrust	30	15	1
252−71	Race − Thrust	30	14	1
254−72	Cup − Bearing, Outer	32	10	2
254−92	Cone − Bearing, Outer	32	11	2
254−106	Cone − Bearing Inner	32	21	2
254−107	Cup − Bearing Inner	32	20	2
256−304	Washer − Thrust	32	4	4
281−2	Plug Pipe	18	8	1
283−67	Pin − Clevis	29	38	4
302−5	Fitting − Grease	23	16	2
302−5	Fitting − Grease	27	20	3
302−5	Fitting − Grease	32	44	3
302−11	Fitting − Grease	33	49	1
302−33	Fitting − Grease	32	24	2
302−66	Fitting − Grease	12	24	1
304−46	Valve − Drain	18	35	1
321−2	Screw − HH	20	26	9
321−2	Screw − HH	17	47	4
321−3	Screw − HH	7	1	2
321−4	Screw − HH	9	44	1
321−9	Screw − HH	21	49	2
321−11	Screw− HH	11	71	2
321−14	Screw − HH	61	23	4
321−24	Screw − HH	7	45	2
322−2	Screw − HH	38	1	8
322−2	Screw − HH	23	18	2
322−3	Screw − HH	18	1	10
322−3	Screw − HH	29	2	6
322−3	Screw − HH	4	13	1
322−3	Screw − HH	20	15	2
322−3	Screw − HH	17	24	1
322−4	Screw − HH	17	44	4
322−4	Screw − HH (Model 03702)	18	44	4
322−5	Screw − HH	17	15	4
322−5	Screw − HH (Europe)	18	44	4
322−6	Screw − HH	9	29	2
322−6	Screw − HH	15	33	4
322−6	Screw − HH	2	65	1
322−9	Screw − HH	10	29	1
322−12	Screw − HH	27	1	4
322−12	Screw − HH	24	1	2
322−12	Screw − HH	10	7	4
323−4	Screw − HH	9	14	3
323−5	Screw − HH	20	31	2
323−6	Screw − HH	27	11	2
323−6	Screw − HH	35	29	4
323−7	Screw − HH	26	4	2
323−7	Screw − HH	35	28	4
323−8	Screw − HH	4	23	4
323−9	Screw − HH	21	12	2
323−9	Screw − HH	18	37	1
323−13	Screw − HH	26	20	2
323−13	Screw − HH	27	56	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
323−18	Screw − HH	29	16	4
323−20	Screw − HH	29	27	4
325−2	Screw − HH	23	22	2
325−5	Screw − HH	52	17	2
325−7	Screw − HH	26	11	1
325−8	Screw − HH	2	50	1
325−9	Screw − HH	1	12	1
325−17	Screw − HH	26	3	2
325−34	Screw − HH	27	25	6
325−34	Screw − HH	26	34	4
327−3	Screw − HH	29	20	16
3211−6	Screw − HH	2	56	1
3213−2	Screw − HH	52	14	4
3213−20	Screw − HH	35	19	2
3217−5	Nut − Hex.	9	5	1
3217−6	Nut	4	11	1
3217−6	Nut − Hex	24	8	2
3217−6	Nut − Hex.	9	16	4
3217−6	Nut − Hex.	10	24	5
3217−6	Nut − Hex.	9	41	2
3217−6	Nut − Hex.	27	54	4
3217−9	Nut − Hex.	1	16	2
3217−29	Nut − Hex.	1	31	2
3218−2	Nut − Jam	2	66	1
3219−5	Nut − Hex.	1	20	1
3219−5	Nut − Hex.	29	23	18
3220−7	Nut − Jam	32	17	2
3220−11	Nut − Hex.	7	28	5
3231−25	Bolt − Carriage	22	3	12
3233−7	Bolt − Carriage (Europe)	33	53	8
3234−4	Screw − Hex. Flange Hd.	20	38	5
3234−5	Screw − Flange Hex. Hd.	15	2	6
3234−5	Screw − Flange Hex. Hd.	2	69	4
3234−11	Screw − Hex. Flange Hd.	18	18	2
3234−12	Screw − Hex. Flange Hd.	32	1	2
3234−13	Screw − Hex. Flange Hd.	17	13	5
3234−13	Screw − Taptite	20	44	2
3234−17	Screw − Hex. Flange Hd.	20	49	2
3245−44	Screw − Set	11	73	1
3245−45	Screw − Set	11	75	2
3246−17	Screw − Set	65	10	2
3247−10	Screw − Set	29	22	4
3250−18	Screw − Mach. Pan Hd.	8	24	2
3250−25	Screw − Pan Hd.	17	20	4
3250−31	Screw − Pan Hd.	17	25	8
3250−36	Screw − Phil. Hd.	7	52	2
3250−40	Screw − Slotted Pan Head	1	27	2
3251−1	Screw − Pan Hd.	5	9	1
3251−4	Screw − Pan Hd.	5	7	4
3253−2	Washer − Lock	5	17	1
3253−2	Washer − Lock	17	21	4
3253−3	Washer − Lock	9	6	1
3253−3	Washer − Lock	17	46	4
3253−4	Washer − Lock	18	2	6
3253−4	Washer − Lock	29	3	6
3253−4	Washer − Lock	24	7	2
3253−4	Washer − Lock	4	12	1
3253−4	Washer − Lock	10	14	5
3253−4	Washer − Lock	23	19	2
3253−4	Washer − Lock	38	27	10
3253−4	Washer − Lock	27	53	6
3253−5	Washer − Lock	29	17	4
3253−5	Washer − Lock	4	22	4
3253−5	Washer − Lock	2	33	2
3253−5	Washer − Lock	9	37	3
3253−5	Washer − Lock	27	50	2
3253−7	Washer − Lock	52	13	6
3253−7	Washer − Lock	35	20	2
3253−7	Washer − Lock	23	23	2
3253−15	Washer − Lock	15	7	6
3253−15	Washer − Lock	20	7	5
3253−19	Washer − Lock	12	13	2
3254−21	Washer − Lock, Int. Tooth	61	47	2
3255−5	Washer − Lock	38	39	1
3255−8	Washer − Lock	35	24	2
3255−8	Washer − Lock	50	25	1
3255−9	Washer − Lock	35	25	1
3255−24	Washer − Lock	1	30	2
3256−3	Washer	27	12	2
3256−3	Washer − Flat	9	18	3
3256−3	Washer − Flat	29	40	4
3256−3	Washer − Flat	17	45	4
3256−3	Washer − Flat	7	53	2
3256−3	Washer − Flat	2	68	1
3256−7	Washer − Flat	21	4	4
3256−13	Washer − Flat	12	20	2
3256−16	Washer − Flat	3	14	3
3256−16	Washer − Flat	61	20	4
3256−22	Washer − Flat	9	7	1
3256−22	Washer − Flat	7	49	16
3256−22	Washer − Flat	11	70	2
3256−23	Washer	27	7	4
3256−23	Washer − Flat	24	6	2
3256−23	Washer − Flat	10	13	5
3256−23	Washer − Flat	17	19	2
3256−23	Washer − Flat	9	39	8
3256−23	Washer − Flat	20	48	2
3256−24	Washer	2	34	2
3256−24	Washer	18	38	1
3256−24	Washer − Flat	18	21	2
3256−24	Washer − Flat	4	21	4
3256−24	Washer − Flat	35	30	8
3256−24	Washer − Flat	15	35	4
3256−24	Washer − Flat	21	40	2
3256−24	Washer − Flat	11	76	2
3256−26	Washer − Flat	52	12	6
3256−26	Washer − Flat	26	16	7
3256−26	Washer − Flat	2	51	1
3256−26	Washer − Flat	27	51	6
3256−27	Washer − Flat	29	41	16
3256−45	Washer − Flat	2	57	2
3256−51	Washer − Flat	17	28	8
3256−51	Washer − Flat	20	46	4
3256−56	Washer − Flat	26	9	2
3256−56	Washer − Flat	27	57	3
3256−68	Washer	24	10	A/R
3256−71	Washer − Flat	18	23	4
3256−76	Washer − Flat	2	59	2
3258−19	Screw − Machine	19	6	2
3272−1	Pin − Cotter	10	22	8
3272−6	Pin − Cotter	29	35	4
3272−11	Pin − Cotter	15	4	2
3272−12	Pin − Cotter	32	29	4
3272−13	Pin − Cotter	32	15	2
3274−7	Screw − Socket Head	1	32	2
3274−68	Screw − Hex. Button Hd.	4	28	4
3274−68	Screw − Mach.	8	2	4
3274−89	Screw − Socket Head	1	25	1
3274−90	Screw	8	23	4
3285−11	Pin − Roll	27	39	3
3285−11	Pin − Spirol	23	10	2
3289−25	Screw − Socket Flat Hd.	21	42	4
3290−250	Pin − Hair, Cotter	15	6	2
3290−271	Rivet − Pop	18	28	2
3290−355	Clip − Retaining	15	1	1
3290−355	Pin − Hair Cotter	17	8	2
3290−357	Nut − Lock	26	8	2
3290−378	Cable − Tie	9	38	1
3290−378	Tie − Cable	64	1	29
3290−379	Tie − Cable	64	2	5
3290−379	Tie − Cable (Europe)	61	46	4
3290−482	Washer	1	17	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3290−483	Washer	1	11	3
3296−2	Nut − Hex.	5	16	2
3296−6	Nut − Lock	2	63	1
3296−8	Nut − Lock	61	19	4
3296−8	Nut − Lock	11	68	2
3296−12	Nut − Lock	20	33	4
3296−13	Nut − Hex.	9	10	1
3296−19	Nut − Lock	2	37	1
3296−23	Nut − Lock	26	5	7
3296−23	Nut − Lock	27	13	6
3296−23	Nut − Lock	21	44	4
3296−25	Nut − Lock	2	55	1
3296−25	Nut − Lock (Europe)	33	51	2
3296−27	Nut − Hex.	17	29	8
3296−29	Nut − Lock	20	13	4
3296−29	Nut − Lock	17	14	9
3296−29	Nut − Lock	18	29	8
3296−29	Nut − Lock	2	67	1
3296−39	Nut − Lock	22	1	12
3296−39	Nut − Lock	18	22	2
3296−39	Nut − Lock	29	33	4
3296−39	Nut − Lock	26	37	2
3296−39	Nut − Lock	21	39	2
3296−39	Nut − Lock	27	55	3
3296−42	Nut − Lock	7	4	2
3296−42	Nut − Lock	8	22	4
3296−42	Nut − Lock	4	30	4
3296−42	Nut − Lock	7	43	2
3296−42	Nut − Lock	9	46	1
3296−49	Nut − Lock	32	32	1
3296−56	Nut − Lock	17	16	1
3296−56	Nut − Lock	20	41	7
32103−3	Nut − Wing	66	4	1
32105−12	Screw − HH	5	14	2
32107−11	Nut − Square	19	5	2
32121−11	Pin − Roll	2	60	2
32121−44	Pin − Roll	34	16	1
32121−118	Pin − Roll	10	26	2
32122−24	Screw − Truss Hd.	20	6	5
32122−54	Screw − Mach. Slot. Hd.	66	1	1
32128−20	Nut − Flange	2	64	4
32128−20	Nut − Hex.	15	27	10
32128−21	Nut − Hex.	35	31	8
32128−33	Nut − Lock, Flange Hd.	20	28	3
32136−2	Nut − Castle	32	30	2
32136−13	Nut − Castle	32	31	2
32144−1	Screw − Hex. Hd.	20	47	4
32144−19	Screw − HH	5	13	4
32144−73	Screw − HH	8	26	2
32144−107	Screw − HH	15	14	6
32148−9	Insert − Threaded	18	40	1
32148−9	Nut − Insert	20	25	2
32151−10	Ring − Retaining	32	3	2
32151−13	Ring − Retaining	30	9	1
32151−29	Ring − Retaining	30	13	2
32151−72	Ring − Retaining	7	54	2
340−2	Adapter	26	26	2
340−2	Fitting	29	7	2
340−2	Fitting	52	19	1
340−2	Fitting	10	31	5
340−3	Fitting	52	34	1
340−3	Fitting	11	57	2
340−4	Fitting	52	24	1
340−7	Fitting	27	5	2
340−7	Fitting	10	44	6
340−7	Fitting − Straight	24	3	3
340−8	Fitting	52	8	1
340−8	Fitting − Hydraulic Straight	61	2	10
340−9	Fitting	52	22	1
340−10	Adapter	9	33	1
340−15	Fitting 90°	52	30	1
340−17	Fitting	10	48	2
340−17	Fitting	27	49	1
340−18	Fitting	4	8	4
340−22	Fitting − Tee	27	3	2
340−23	Fitting − Hydraulic Cross	57	20	1
340−62	Kit − Flange	52	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	57	43	2
340−68	Fitting − Hydraulic Tee	59	24	3
340−68	Fitting − Hydraulic Tee	57	26	2
340−69	Fitting − Hydraulic Bulkhead	57	13	2
340−70	Nut − Bulkhead	57	31	4
340−70	Nut − Bulkhead	59	38	8
340−71	Fitting − Hydraulic Straight	59	26	4
340−72	Fitting − Hydraulic 90°	61	17	4
340−74	Nut − Bulkhead	61	45	7
340−76	Fitting − Adapter	61	28	3
340−77	Elbow − 90°	11	69	1
340−77	Fitting	27	37	3
340−77	Fitting − Hydraulic 90°	59	2	4
340−78	Nut − Bulkhead	57	53	1
340−80	Adapter	9	26	1
340−80	Fitting	10	38	1
340−86	Fitting − Hydraulic Tee	11	52	2
340−87	Fitting − Hydraulic 45°	59	28	1
340−89	Fitting − Hydraulic 45°	59	12	1
340−89	Fitting 45°	52	36	1
340−90	Fitting	29	43	2
340−92	Fitting	10	10	1
340−93	Fitting − Tee	27	14	1
340−97	Fitting − Hydraulic	32	39	2
340−117	Cap − Hydraulic	7	34	1
353−947	Cap − Dust	52	1	1
353−947	Cap − Dust	7	8	5
353−947	Cap − Dust	11	63	1
353−948	Plug	30	3	2
353−949	O−Ring	29	18	2
353−961	Bayonet Flange	15	13	1
353−963	Gasket	15	15	2

*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 4500D has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the center console near the floor plate on RH side. In any correspondence concerning the Reelmaster 4500D, 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 4500D.
2. Part number, description, and the quantity of part(s) desired.

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

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