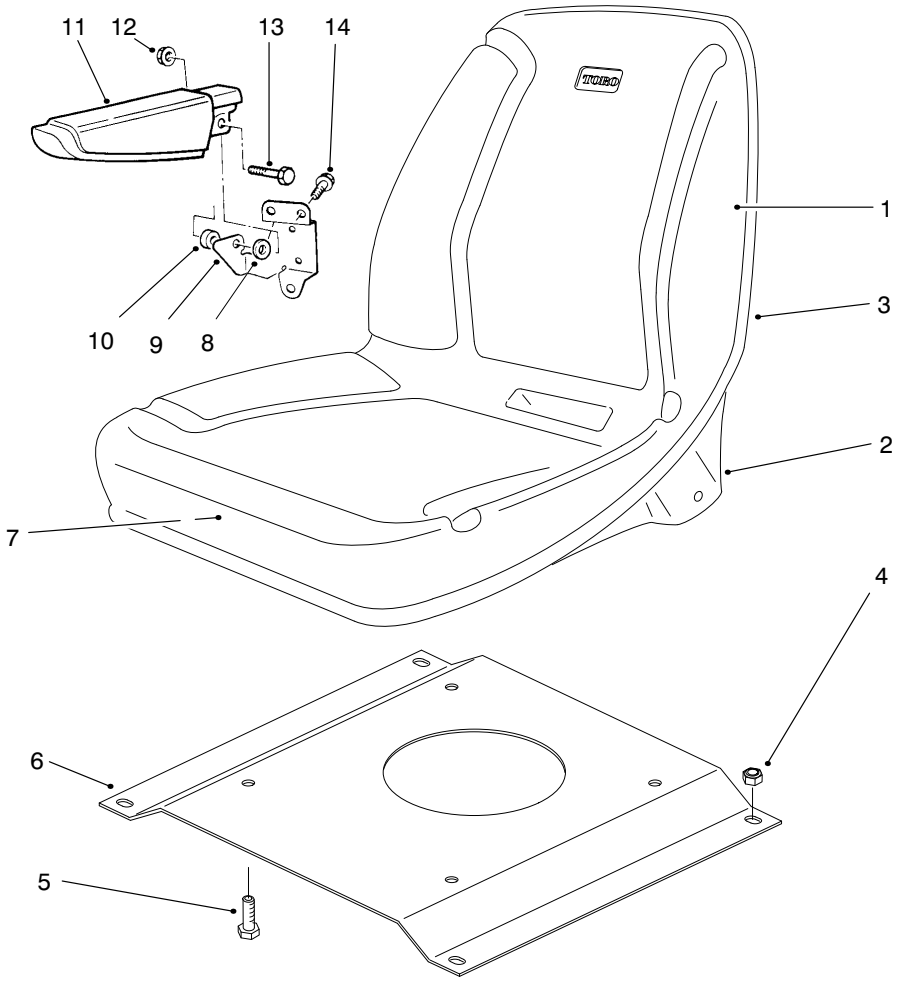
FORM NO. 3321−355 REV A

TORO®

MODEL NO. 30581−80001 & UP

PARTS CATALOG

GROUNDSMASTER® 580−D
Traction Unit



T−1278−1

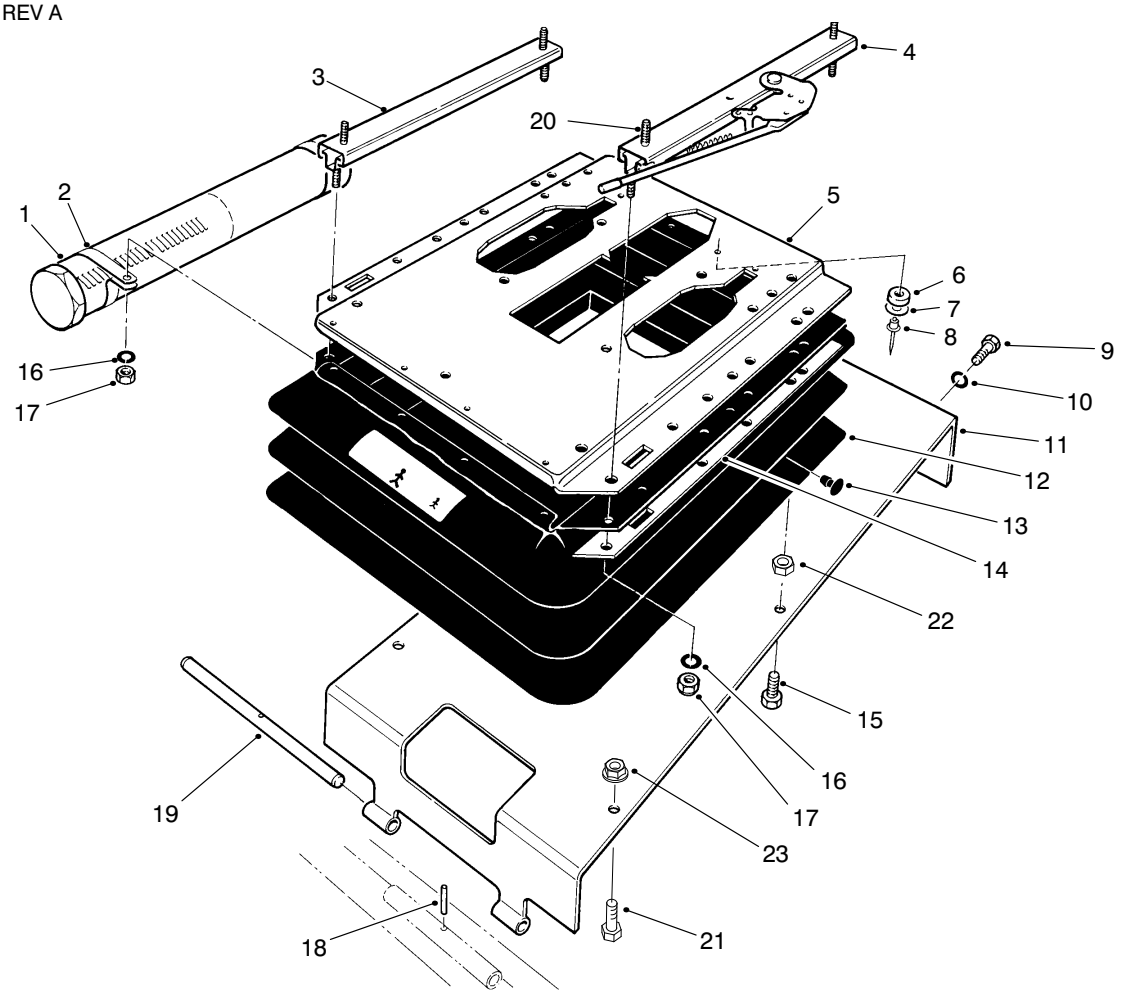
SEAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92−1180	Asm−Seat (Incl. Ref. #2, 3 & 7)	1
2	92−6534	Shell−Seat	1
3	351−78	Edging	1
4	3296−29	Nut−Lock	4
5	3234−5	Screw−HH	4
6	98−3048	Plate−Seat	1
7	92−6533	Cushion−Seat	1
8	3256−24	Washer−Flat	2
9	69−0770	Bracket−Arm Rest RH	1
*	69−0760	Bracket−Arm Rest LH	1
10	92−7301	Spacer	2
11	69−1180	Armrest	2
12	32128−19	Nut−HHF	2
13	323−9	Screw−HH	2
14	3234−14	Screw−HH	6
*	98−7326	Harness−Wire, Seat Switch	1

* Not Illustrated

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TPS

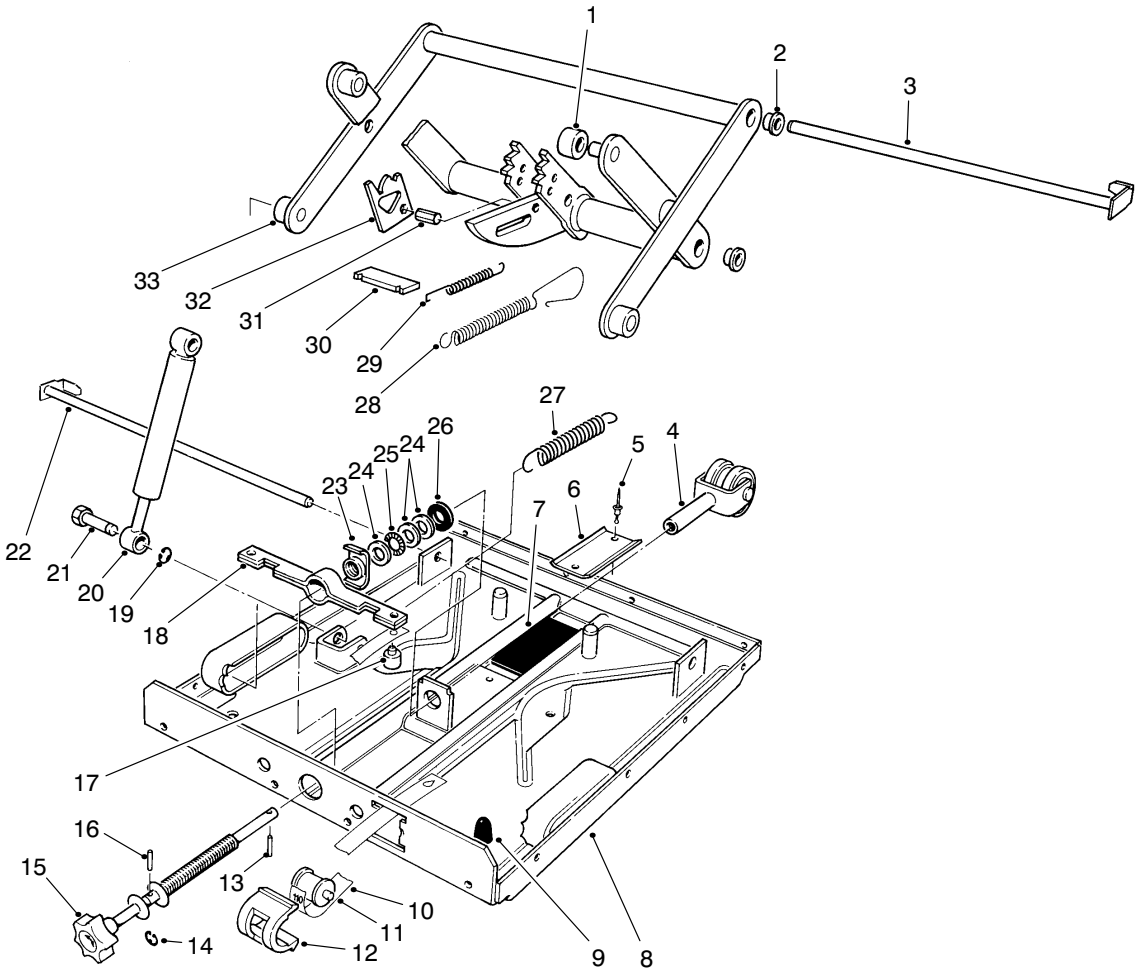


T−1279−1

SEAT PIVOT AND BELLOWS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	74−0720	Tube−Manual	1
2	2412−133	Clamp	2
3	66−8530	Track−Adjustment	1
4	82−9060	Track & Latch−Adjustment	1
5	71−2410	Plate−Upper Suspension (Incl. Ref. #6)	1
6	71−2400	Asm−Bumper (Incl. Ref. #7 & 8)	2
7	71−2380	Washer	2
8	71−2390	Rivet−Pop	2
9	323−6	Screw−HH	2
10	3253−21	Washer−Lock	2
11	83−6660	Support−Seat	1

Ref. No.	Part No.	Description	No. Used
12	71−2420	Bellows−Rubber	1
13	39−5710	Plug	21
14	40−3890	Trim	2
15	48−7780	Screw−HH	2
16	3256−23	Washer−Flat	4
17	3296−29	Nut−Lock	4
18	32121−4	Pin−Roll	1
19	27−4720	Pin−Pivot, Seat	1
20	3230−22	Bolt−CARR	1
21	33104−025	Screw−HHF	2
22	33015−00	Nut	2
23	33004−00	Nut−HWH	2

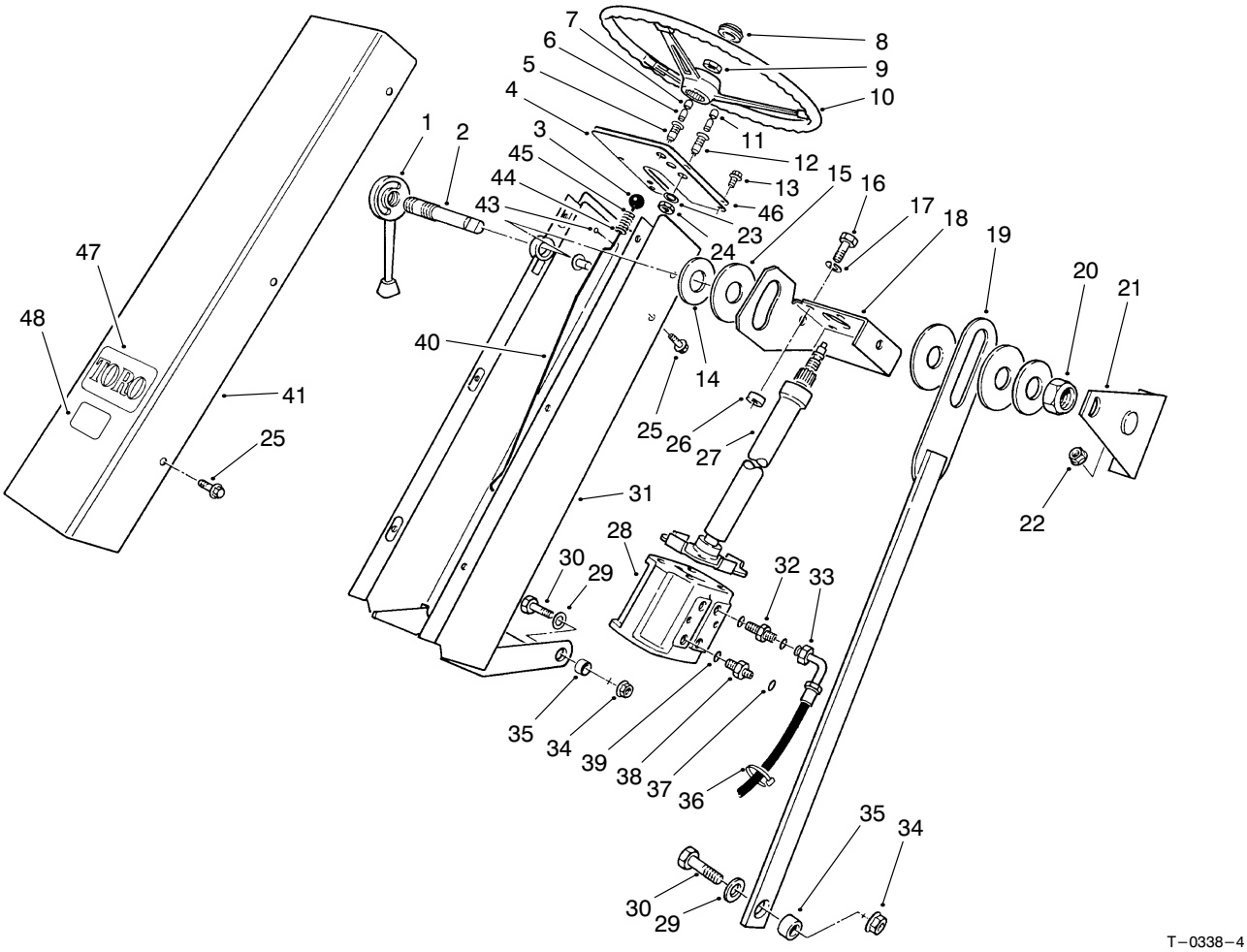


T−0483−1

SEAT SUSPENSION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	40−4010	Roller	4
2	71−2180	Bearing	4
3	71−2190	Pin	1
4	71−2290	Bearing−Trible	1
5	40−4090	Rivet−Pop	2
6	40−4080	Track−U	1
7	40−4120	Plate−Rubber	1
8	71−2310	Plate−Lower Suspension (Incl. Ref. #5−7 & 9)	1
9	71−2300	Bumper	2
10	71−2280	Band−Weight Indicator	1
11	40−4150	Roller	1
12	40−4160	Guide−Sleeve	1
13	71−2210	Pin	1
14	71−2230	Ring−Snap	1
15	71−2240	Asm−Knob (Incl. Ref. #13, 14 & 16)	1
16	71−2220	Pin	1
17	40−4230	Plug	1
18	71−2250	Bracket−Spring	1
19	71−2330	Ring−Snap	2
20	71−2340	Absorber−Shock	1
21	71−2320	Pin	2
22	71−2170	Pin	1
23	71−2270	Nut−Special	1
24	40−4070	Washer	3
25	40−4310	Bearing−Thrust Needle	1
26	40−4060	Washer−Rubber	1
27	71−2260	Spring	2
28	40−4340	Spring−Extension	1
29	40−4350	Spring−Extension	2
30	40−4360	Plate	1
31	40−4370	Bolt	1
32	40−4380	Bracket−Release	2
33	71−2200	Bracket−Swing Arm (Incl. Ref. #1−3, 22 & 29−32)	1
*	71−0480	Asm−Suspension (Incl. Ref. #1−33, & 6−8, 12 & 13, from page 2)	1

* Not Illustrated

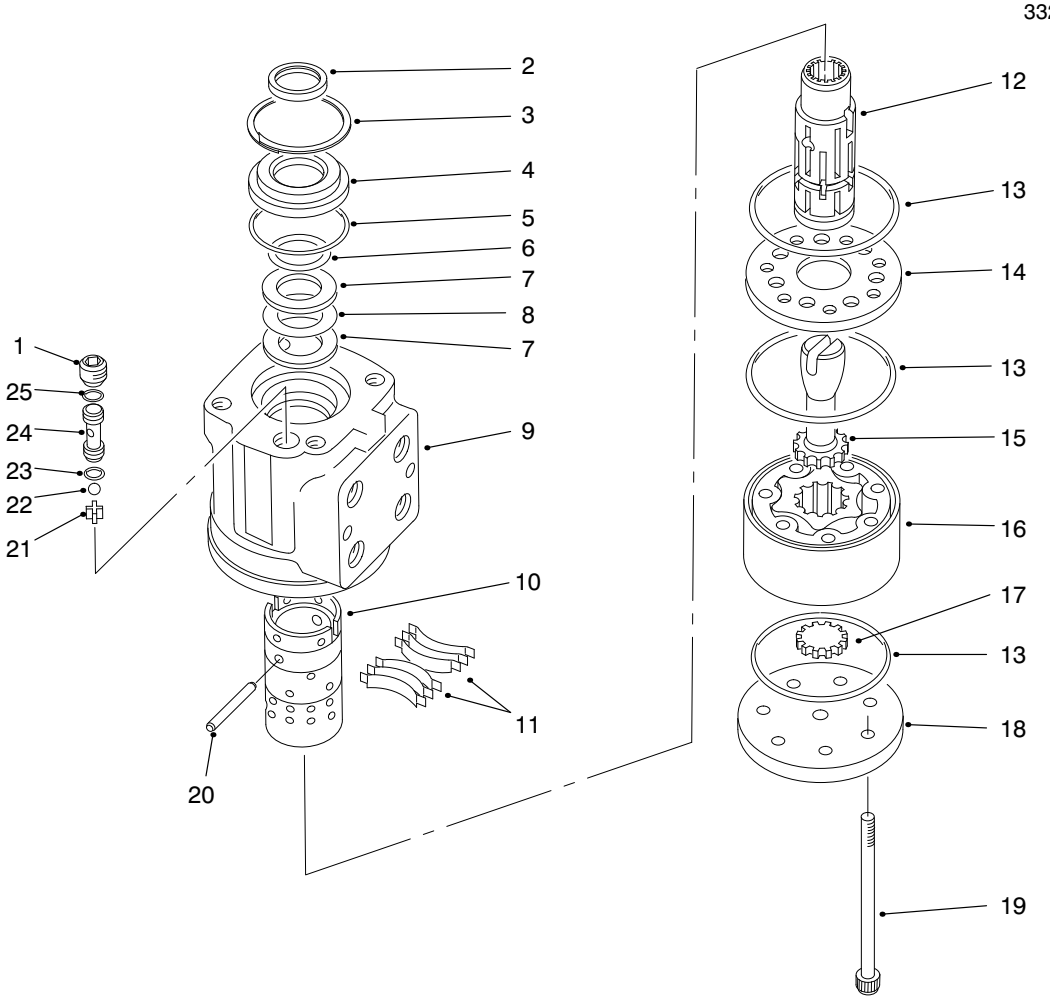


STEERING TOWER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69−1560	Lever−Lock	1
2	69−9230	Shaft−Steering Pivot	1
3	233−17	Knob	1
4	69−9440	Panel−Steering Tower	1
5	44−2210	Body−Indicator Light (Incl. Ref. #6−7 & 23−24)	1
†6		Bulb−Indicator Light (#1891)	3
7	218−533	Lens−Indicator Light (Red)	1
8	98−7325	Cover−Steering Wheel	1
9	47−6990	Nut−Hex.	1
10	68−8080	Wheel−Steering	1
11	218−562	Lens−Indicator Light (Amber)	2
12	44−2212	Body−Indicator Light (Incl. Ref. #6, 11 & 23−24)	2
13	32144−64	Screw−HWH	4
14	20−9500	Spacer	2
15	31−0390	Washer−Friction	3
16	323−7	Screw−HH	4
17	3253−21	Washer−Lock	4
18	69−9540	Bracket−Steering Gear	1
19	69−7760	Link−Steering Gear	1
20	3296−49	Nut−Lock	1
21	69−7740	Support−Steering Gear	1
22	32128−20	Nut−HHF	2
23	218−536	Washer−Lock	3

Ref. No.	Part No.	Description	No. Used
24	218−535	Nut−Hex.	3
25	3234−14	Screw−HWH	8
26	46−1600	Spacer	4
27	71−0540	Column−Steering	1
28	92−9748	Valve−Power Steering	1
29	3256−26	Washer−Flat	3
30	325−5	Screw−HH	3
31	69−8160	Tower−Steering	1
32	340−133	Fitting−Hydraulic Straight (Incl. Ref. #37 & 39)	3
33	69−5500	Hose−Hydraulic	4
34	32128−23	Nut−HHF	3
35	28−0380	Spacer	3
36	3290−378	Tie−Cable	5
37	237−22	O−Ring	4
38	69−6980	Valve−Check (Incl. Ref. # 37 & 39)	1
39	237−79	O−Ring	4
40	71−4060	Rod−Brake Latch	1
41	69−8510	Cover−Steering Tower	1
43	3272−5	Pin−Cotter	1
44	3256−22	Washer−Flat	1
45	95−1821	Spring−Compression	1
46	95−0825	Panel−Control	1
47	62−5550	Decal	1
48	93−7252	Decal−CE	1
*	72−0130	Kit−Horn	1

† Obtain locally



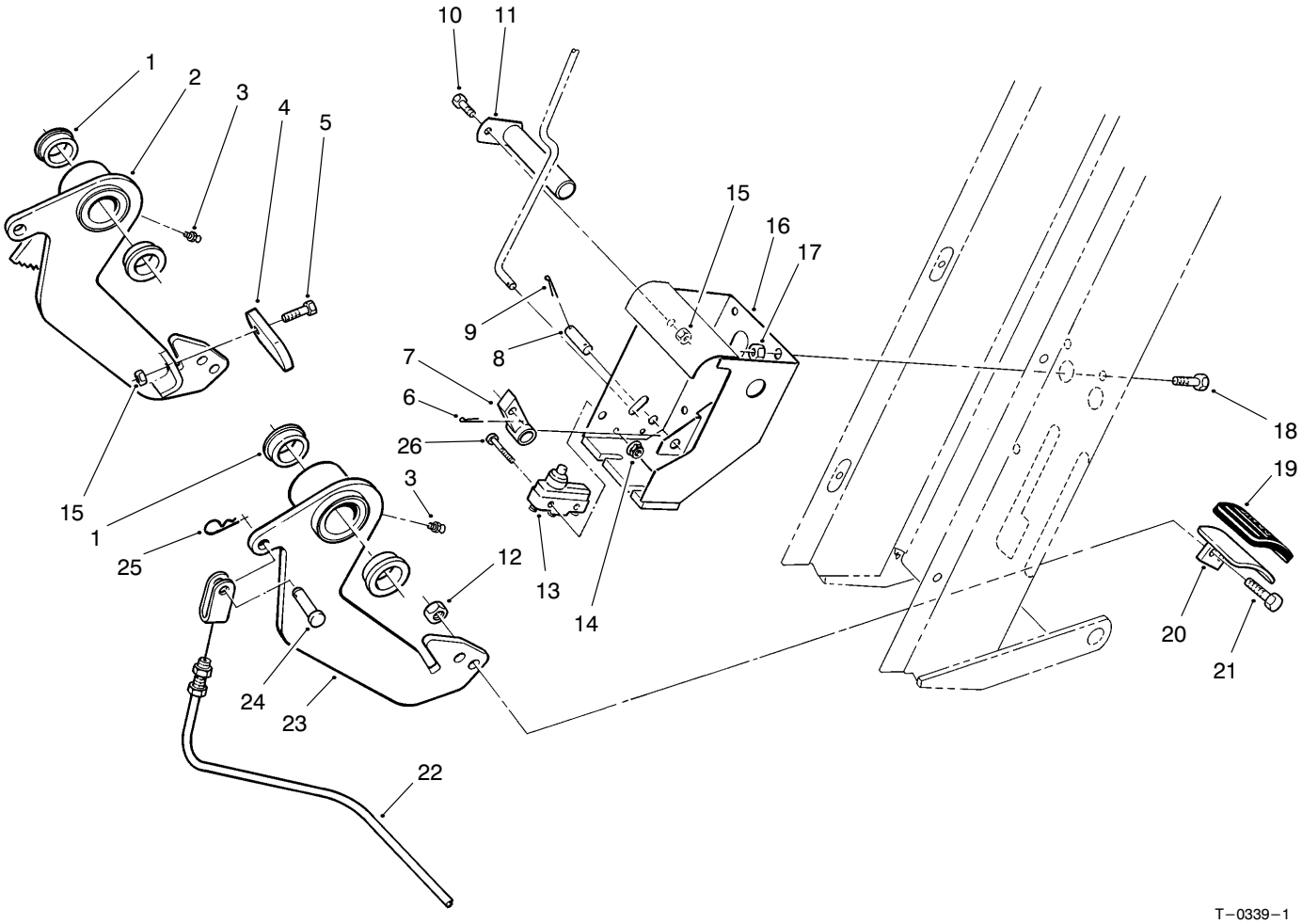
T−1007−2

POWER STEERING VALVE ASSEMBLY NO. 92−9748

Ref. No.	Part No.	Description	No. Used
1	52−9260	Screw−Set	1
†2		Seal−1” ID	1
3	52−9230	Ring−Retaining	1
4	52−9240	Bushing−Gland Seal	1
†5		Seal−1.875” ID	1
†6		Seal−Quad Ring	1
7	59−6730	Race−Bearing	2
8	59−6740	Bearing−Needle Thrust	1
†9		Housing	1
†10		Sleeve−Control	1
11	59−6820	Kit−Centering Spring	1
†12		Spool−Control	1
†13		Seal	3
14	92−9732	Plate−Wear	1
15	52−9320	Drive	1

Ref. No.	Part No.	Description	No. Used
16	69−1860	Gerotor	1
17	69−1880	Spacer	1
18	92−9730	Cap−End	1
19	92−9735	Screw−Cap	7
20	59−6830	Kit−Centering Pin	1
21	52−9290	Retainer−Check Ball	1
22	52−9280	Ball−Check	1
†23		Seal	1
24	52−9270	Seat−Check Ball	1
†25		Seal	1
*	52−9250	Kit−Needle Bearing (Incl. Ref. #7−8)	1
*	92−9749	Kit−Seal (Incl. Ref. #2, 5−6,13, 23 & 25)	1

* Not Illustrated
† Not Serviceable Separately



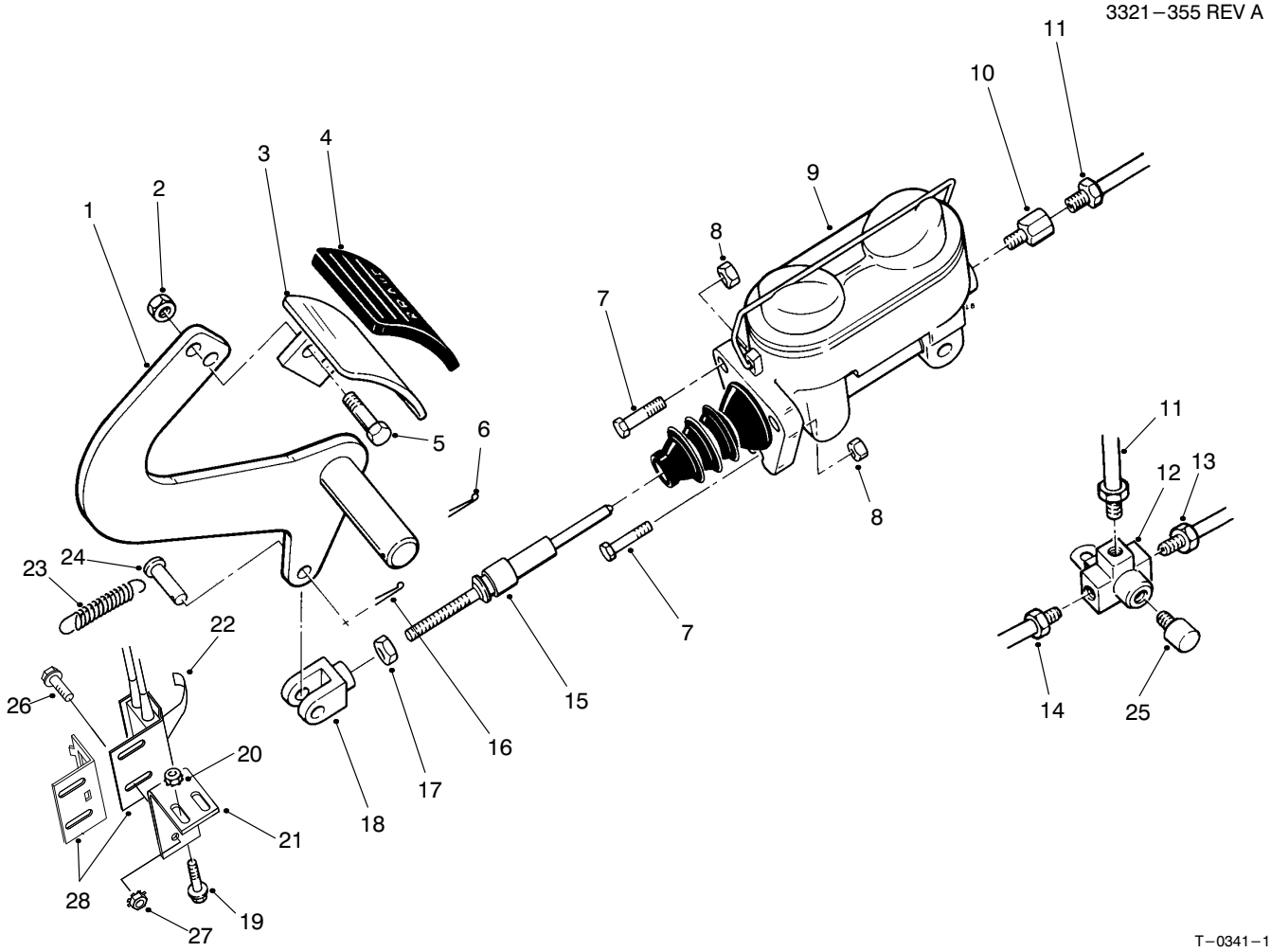
T−0339−1

STEERING BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	256−247	Bushing−Flange	4
2	69−7890	Arm−Brake RH (Incl. Ref. #1 & 3)	1
3	302−5	Fitting−Grease	2
4	69−9210	Lever−Brake Latch	1
5	321−4	Screw−HH	1
6	3272−5	Pin−Cotter	1
7	69−7720	Pawl−Brake	1
8	69−9200	Pin−Brake Pawl	1
9	3272−6	Pin−Cotter	2
10	321−2	Screw−HH	1
11	69−7790	Pin−Brake Arm	1
12	32152−1	Nut−Lock	4
13	29−6163	Switch−Micro	1
14	3296−9	Nut−Lock	2

Ref. No.	Part No.	Description	No. Used
15	32152−4	Nut−Lock	2
16	69−7840	Mount−Brake Arm	1
17	32128−20	Nut−HHF	3
18	3234−14	Screw−HH	3
19	49−6171	Pad−Brake Pedal LH	1
*	49−6172	Pad−Brake Pedal RH	1
20	69−7700	Pedal−Brake	2
21	323−4	Screw−HH	4
22	69−5670	Cable−Brake	2
23	69−7880	Arm−Brake LH (Incl. Ref. #1 & 3)	1
24	283−1	Pin−Clevis	2
25	3290−307	Pin−Cotter, Hair	2
26	3249−11	Screw−Machine	2
*	3290−378	Tie−Cable	3

* Not Illustrated

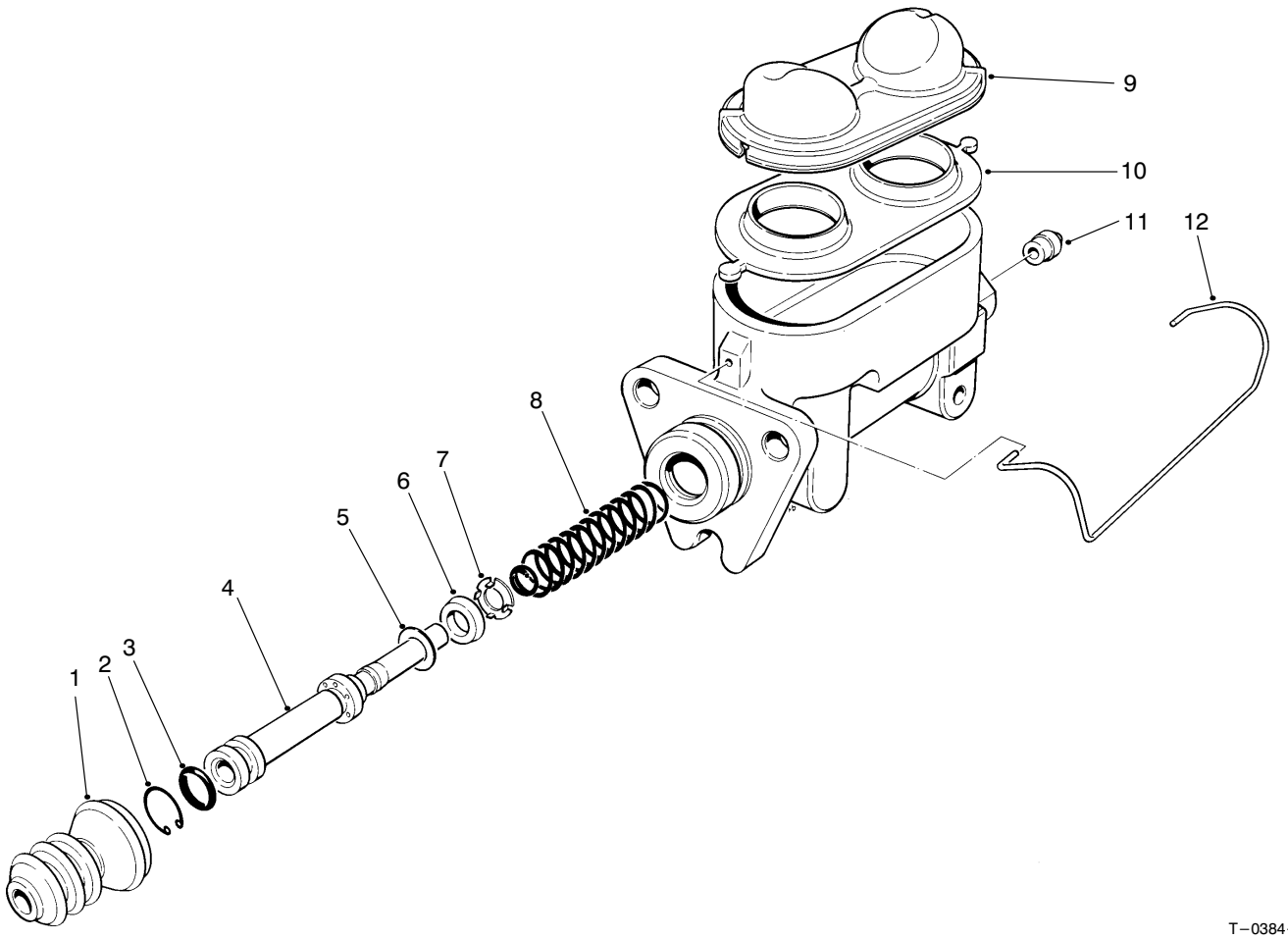


T–0341–1

SERVICE BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69–8750	Arm–Brake	1
2	32152–1	Nut–Lock	2
3	69–7700	Pedal–Brake	1
4	49–6170	Pad–Brake	1
5	322–3	Screw–HH	2
6	3272–12	Pin–Cotter	1
7	323–7	Screw–HH	3
8	32128–21	Nut–HHF	3
9	69–2640	Asm–Master Cylinder	1
10	353–994	Adapter	1
11	74–2530	Tube–Hydraulic	1
12	218–243	Fitting–Tee	1
13	74–2510	Tube–Hydraulic LH	1
14	74–2520	Tube–Hydraulic RH	1

Ref. No.	Part No.	Description	No. Used
15	69–9340	Rod–Brake	1
16	3272–10	Pin–Cotter	1
17	3220–2	Nut–Jam	1
18	282–2	Clevis–Brake Rod	1
19	3234–13	Screw–HWH	2
20	32149–2	Nut–Keps	2
21	93–7039	Bracket–Service Brake	1
22	93–7037	Switch	1
23	21–1830	Spring–Extension	1
24	283–1	Pin–Clevis	1
25	218–242	Switch–Brake	1
26	32144–1	Screw–HH	2
27	32127–11	Nut–Flexlok	2
28	93–9337	Bracket–Switch	1



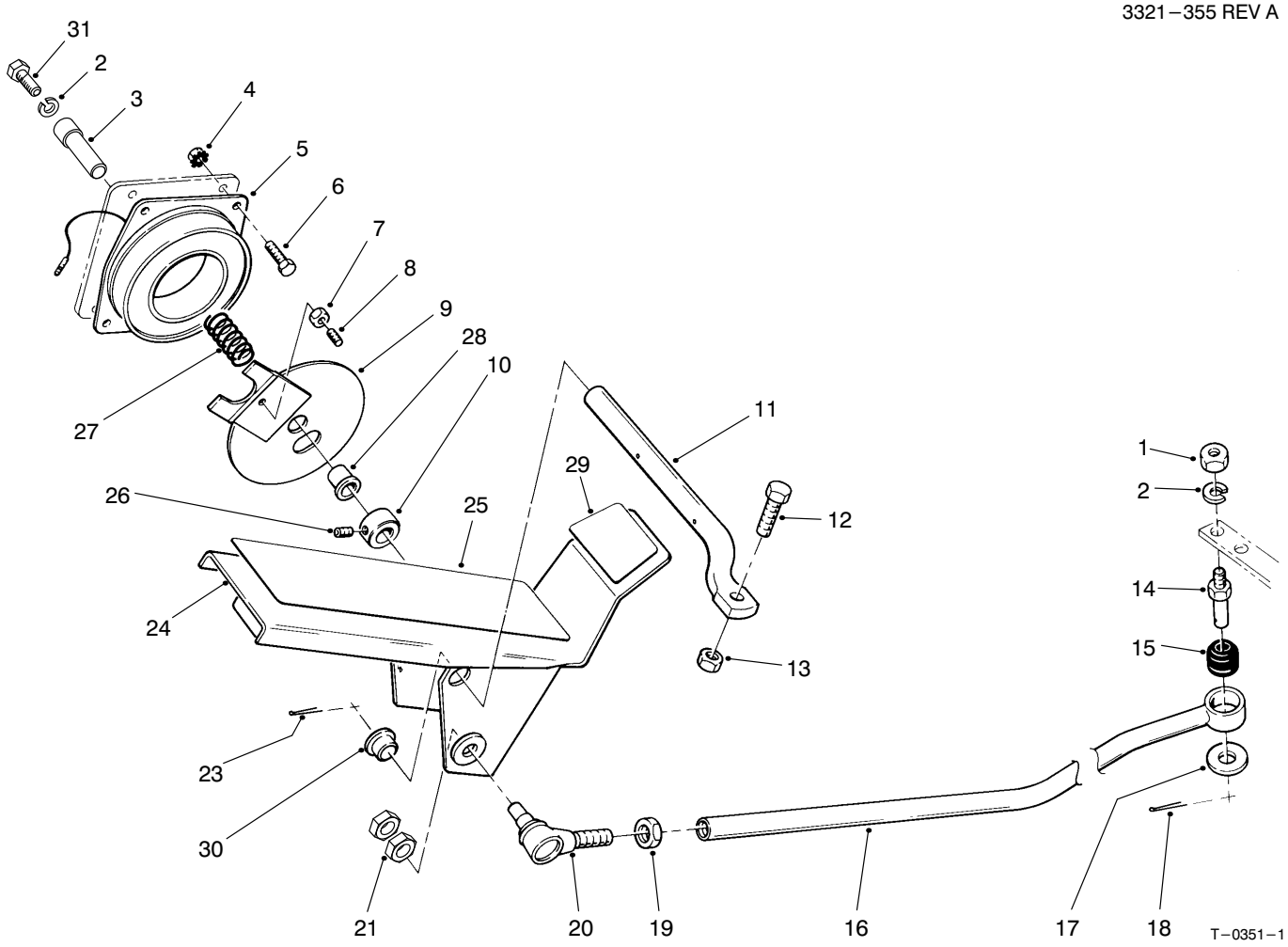
T−0384−1

BRAKE SYSTEM MASTER CYLINDER NO. 69−2640

Ref. No.	Part No.	Description	No. Used
1	69−2650	Boot−Rod	1
2	69−2660	Ring−Retaining	1
†3		Seal−Lip	1
†4		Piston	1
†5		Protector−Cup	1
†6		Cup−Pumping	1
†7		Retainer−Cup	1

Ref. No.	Part No.	Description	No. Used
†8		Spring−Piston Return	1
9	69−2750	Cover−Reservoir	1
10	69−2760	Gasket−Diaphragm	1
11	69−2770	Seat−Tube	1
12	69−2740	Bail−Cover	1
*	69−2730	Asm−Piston (Incl. Ref. #3−8)	1

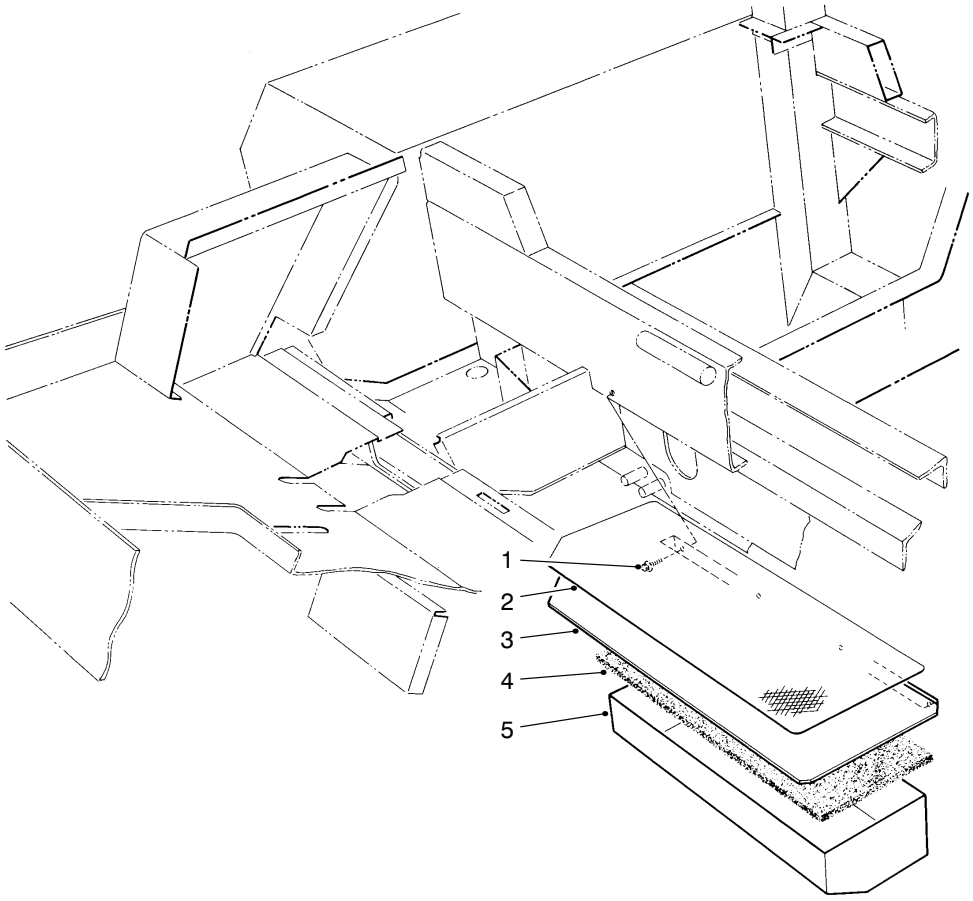
* Not Illustrated
† Not Serviceable Separately



TRACTION PEDAL & CRUISE CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3217−7	Nut−Lock	1
2	3253−21	Washer−Lock	2
3	92−9701	Shaft−Cruise Control	1
4	32149−2	Nut−Keps	4
5	42−1720	Asm−Field Core Coil	1
6	321−3	Screw−HH	4
7	3217−26	Nut−Lock	1
8	3245−31	Screw−Set	1
9	43−6110	Plate−Clutch	1
10	43−6320	Collar−Locking	1
11	69−9390	Shaft−Pedal	1
12	3234−14	Screw−HH	1
13	32128−20	Nut−HHF	1
14	69−9030	Post−Neutral Device	1
15	23−2270	Bushing−Rubber	1

Ref. No.	Part No.	Description	No. Used
16	74−2700	Rod−Control	1
17	3256−6	Washer−Flat	1
18	3272−10	Pin−Cotter	1
19	3220−5	Nut−Jam	1
20	21−0141	Joint−Ball	1
21	3220−3	Nut−Jam	2
23	3272−7	Pin−Cotter	2
24	69−7650	Pedal−Traction	1
25	71−0440	Abrasive−Pedal Front	1
26	3245−32	Screw−Set	1
27	43−6200	Spring−Compression	1
28	256−273	Bushing−Flange	1
29	71−0450	Abrasive−Pedal Rear	1
30	256−156	Bushing−Flange	2
31	323−6	Screw−HH	1

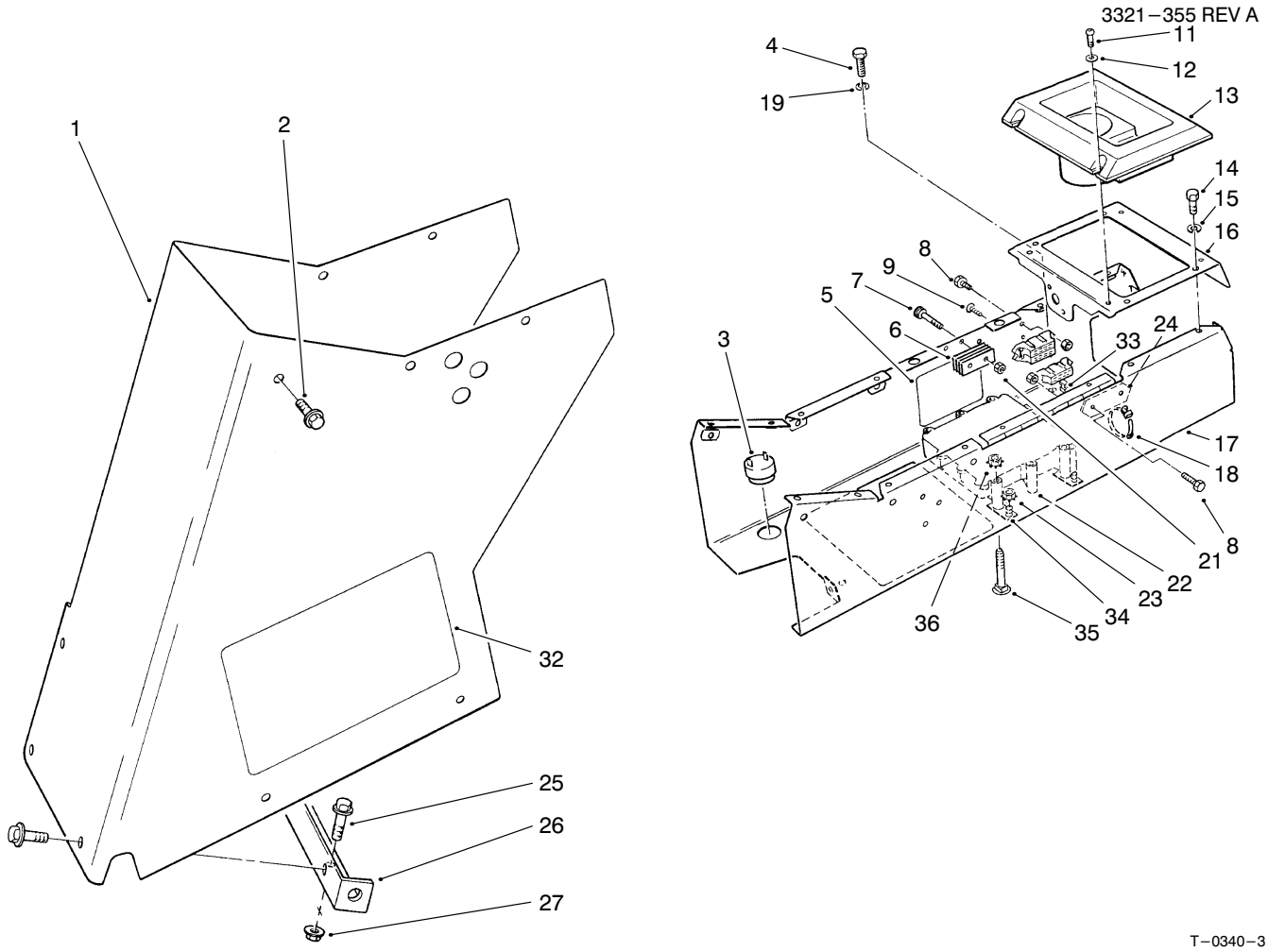


T−0876−1

TOOL BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3234−14	Screw−HFH	4
2	71−0410	Cover−Abrasive	1
3	69−8080	Cover−Tool Box	1

Ref. No.	Part No.	Description	No. Used
4	69−9430	Foam−Tool Box	1
5	69−8110	Box−Tool	1



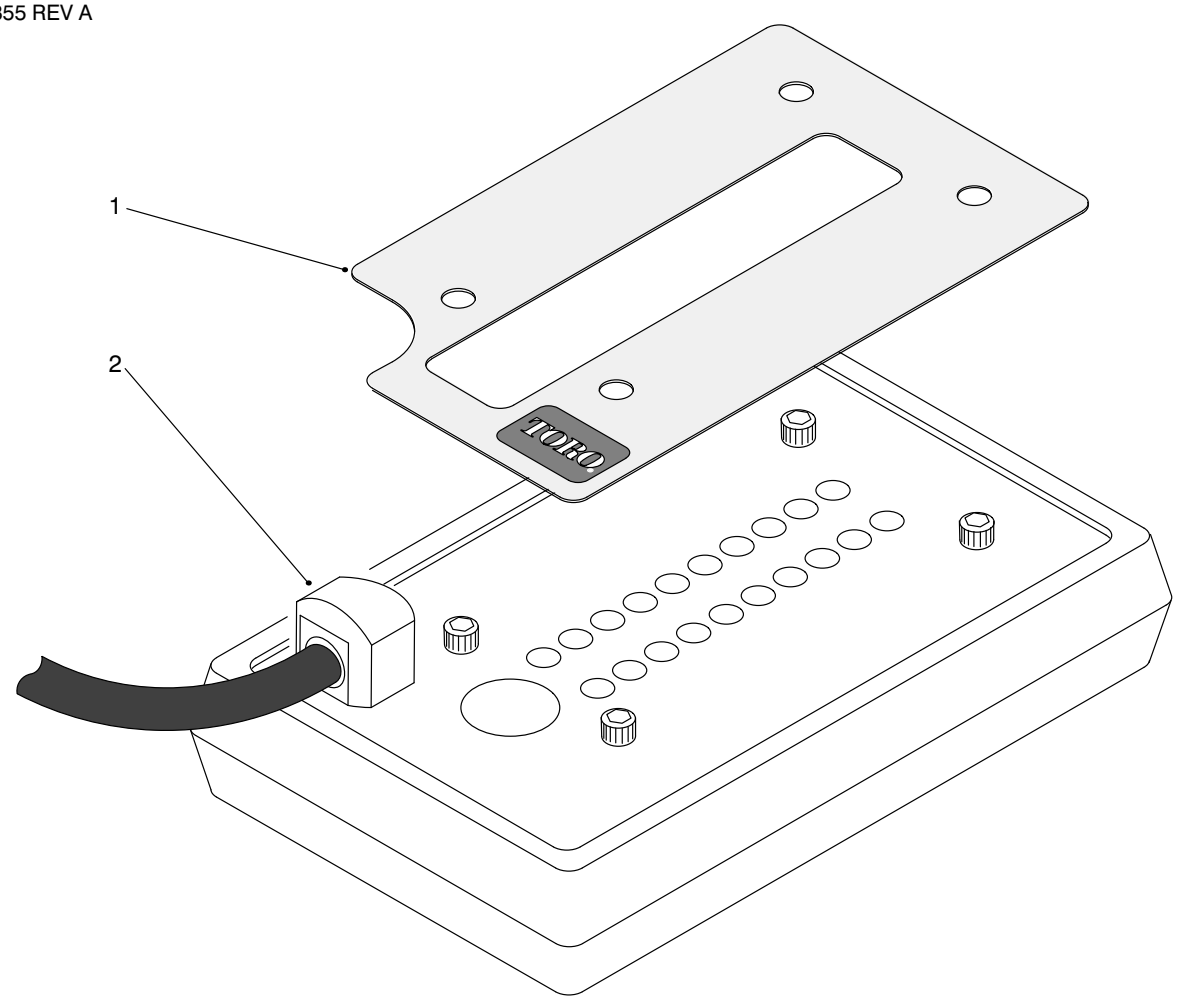
T−0340−3

CONTROL BOX ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69−9560	Housing−Control	1
2	3234−7	Screw−HWH	11
3	80−9330	Alarm−Audio	1
4	323−4	Screw−HH	4
5	98−1487	Decal−Fuse	1
6	69−6260	Magnet	1
7	32105−12	Screw−HSH	2
8	32105−13	Screw−HH	4
11	3290−133	Screw−Round Hd.	4
12	3256−22	Washer−Flat	4
13	69−7040	Holder−Cup	1
14	321−3	Screw−HH	4
15	3253−3	Washer−Lock	4
16	71−2430	Plate−Rear	1
17	71−4130	Support−Control	1
18	3290−378	Tie−Cable	2
19	3253−21	Washer−Lock	4
21	3296−2	Nut−Lock	6
22	92−5720	Controller	1
23	32149−7	Nut−Keps	3

Ref. No.	Part No.	Description	No. Used
24	67−7160	Block−Fuse	4
25	3234−14	Screw−HH	2
26	69−8210	Support−Cover	1
27	32128−20	Nut−HHF	2
32	80−4890	Decal−Service	1
32	95−0832	Decal−Service (Europe)	1
33	218−581	Fuse−15A	6
34	92−8661	Tab	3
35	3229−8	Bolt−CARR	3
36	32149−2	Nut−Keps	3
37	85−4491	Holder−Indicator, Light (Incl. Ref. #38−40)	1
38	219−19	Bulb	1
39	3220−24	Nut−Hex.	1
40	3254−6	Washer−Lock, Int. Tooth	1
*	98−7309	Asm−Wire Harness (Incl. Ref. #24)	1
*	218−573	Fuse−5A	1
*	3290−378	Tie−Cable	25

* Not Illustrated

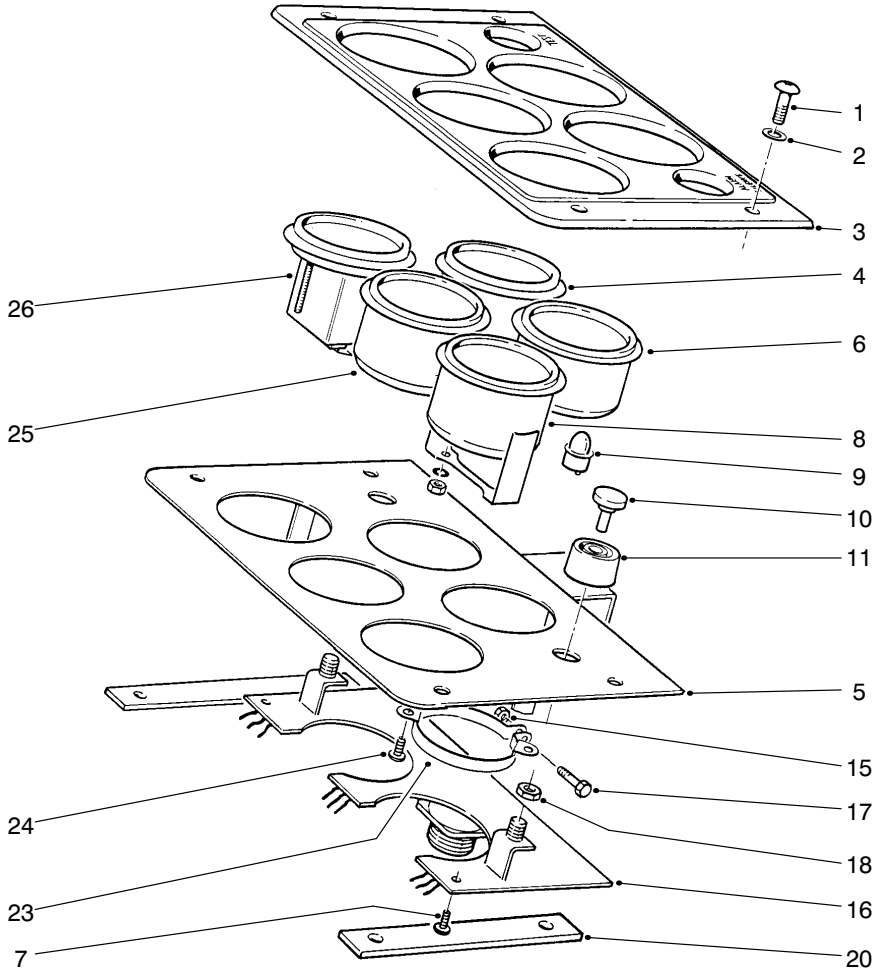


T−1458−1

DIAGNOSTIC DISPLAY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−0834	Decal−Diagnostic V2.0 GM 580D	1

Ref. No.	Part No.	Description	No. Used
2	85−4750	Display−Diagnostic	1

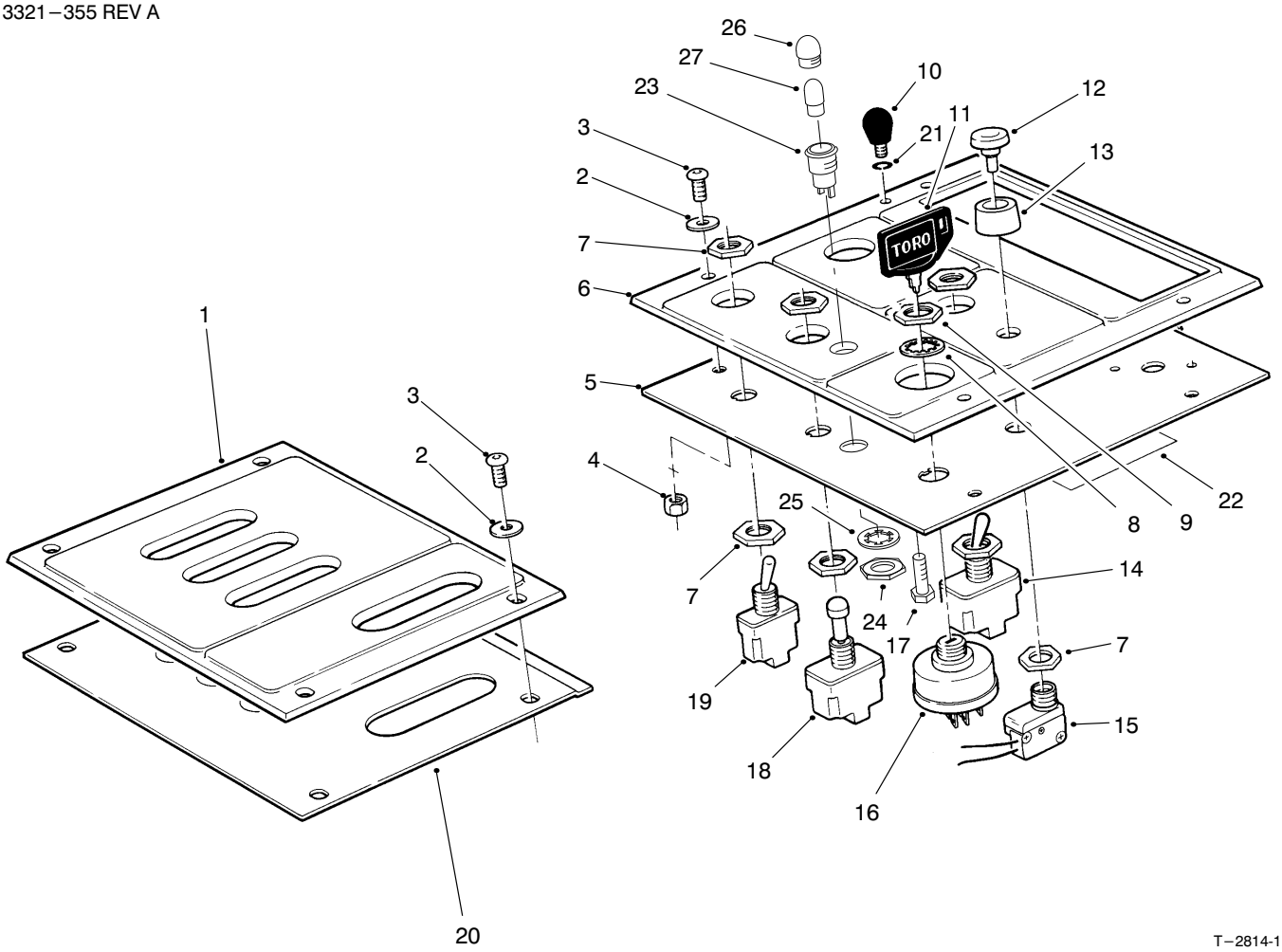


T−1448−1

UPPER CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290−133	Screw−Round Hd.	4
2	3256−23	Washer	4
3	95−0827	Panel	1
4	71−4210	Cluster−Warning Light	1
5	86−7410	Plate−Gage	1
6	71−4200	Cluster−Warning Light	1
7	32104−16	Screw−Tapping	4
8	63−7430	Gauge−Temperature	1
9	219−17	Bulb−Light	8
10	43−6280	Button	2

Ref. No.	Part No.	Description	No. Used
11	43−6420	Bezel	2
15	3296−2	Nut−Lock	2
16	92−1771	Board−Instrument	1
17	32105−1	Screw−HH	2
18	218−498	Nut	2
20	71−4250	Spacer	2
23	69−4780	Clamp−Gauge	2
24	32144−19	Screw−Round Hd.	4
25	66−2940	Gauge−Fuel	1
26	66−2950	Hourmeter	1



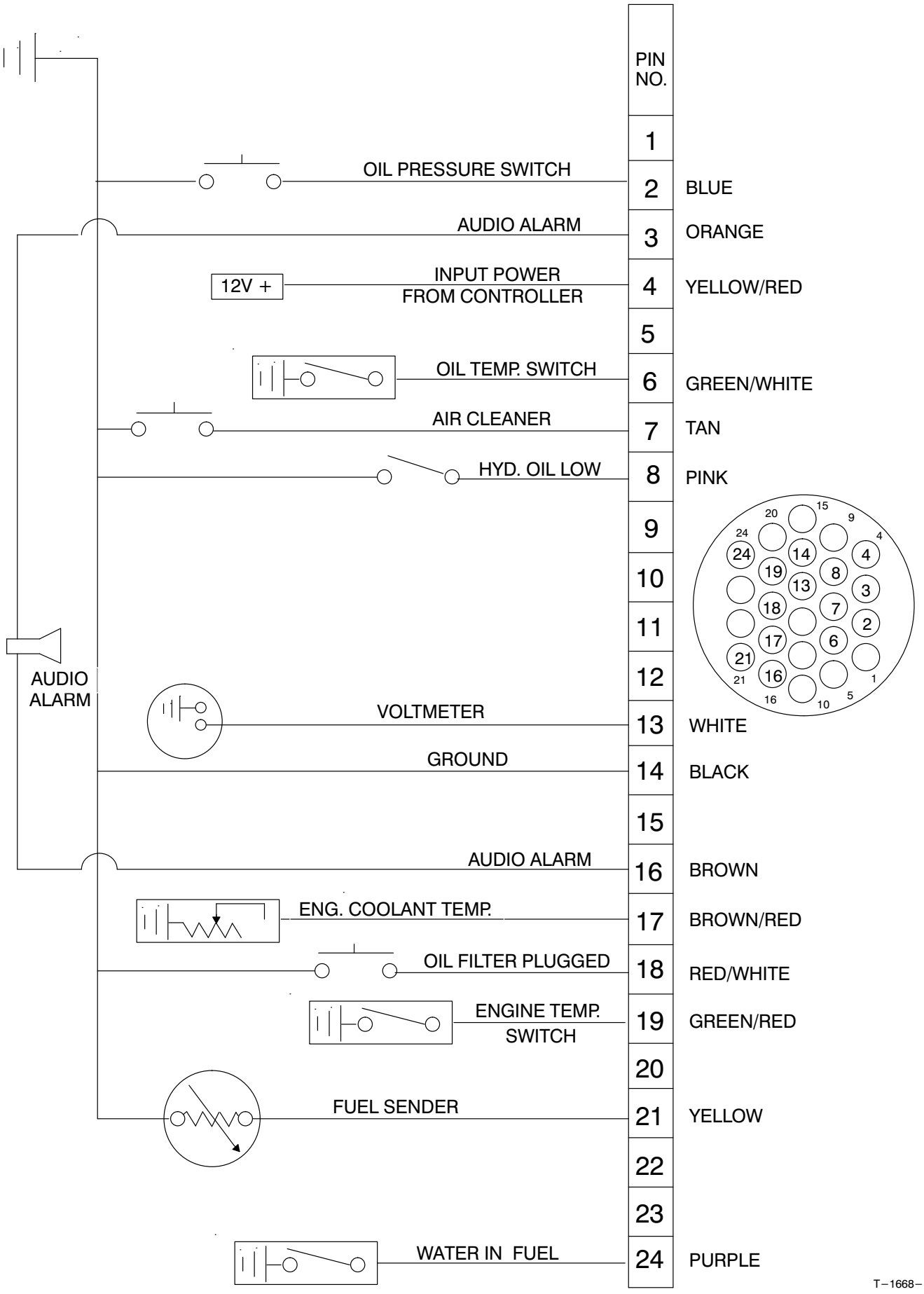
T−2814-1

LOWER CONTROL PANEL ASSEMBLY

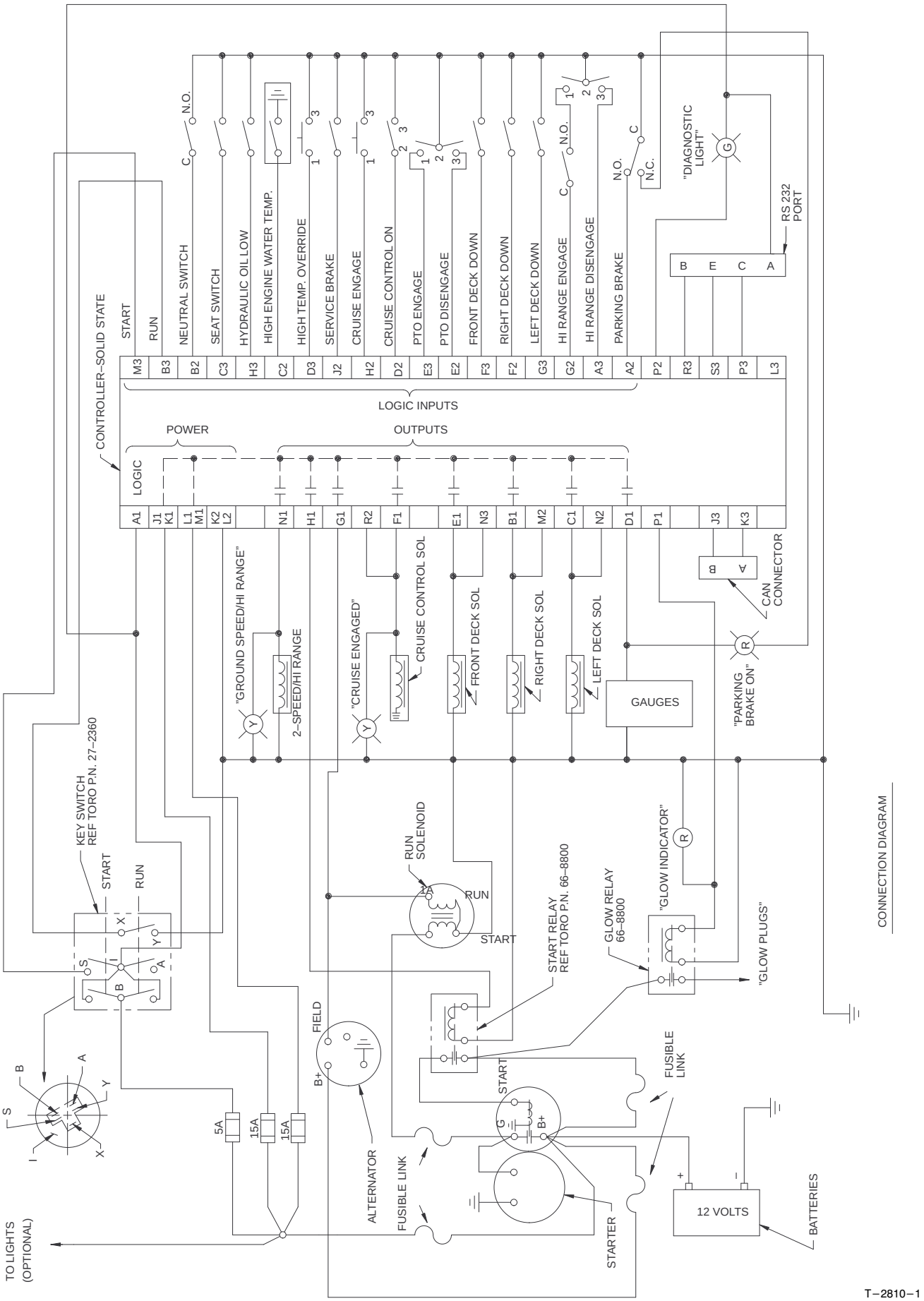
Ref. No.	Part No.	Description	No. Used
1	95−0815	Panel−Lever	1
2	3256−22	Washer−Flat	8
3	3290−133	Screw−Round Hd.	8
4	3296−42	Nut−Lock	4
5	98−3041	Plate−Control	1
6	98−3040	Panel−Control	1
7	218−498	Nut−Hex	10
8	218−447	Washer−Lock	1
9	218−446	Nut−Hex	1
10	233−66	Knob	1
11	63−8360	Key−Ignition	1
12	43−6280	Button	2
13	43−6420	Bezel	2
14	69−9740	Switch−Toggle (Incl. Ref. #7)	1
15	72−9760	Switch (Incl. Ref. #7, 12 & 13)	2

Ref. No.	Part No.	Description	No. Used
16	27−2360	Switch−Ignition (Incl. Ref. #8 & 9)	1
17	3290−392	Screw−HH	1
18	69−9730	Switch−Toggle (Incl. Ref. #7)	1
19	71−4170	Switch−Toggle (Incl. Ref. #7)	1
20	69−9310	Plate−Lever	1
21	3253−15	Washer−Lock	A/R
22	95−0831	Decal−Fuse	1
23	44−2210	Kit−Light (Incl. Ref. #24−27)	1
24	218−535	Nut−Hex.	1
25	218−536	Washer−Lock	1
26	218−533	Lens−Red	1
27	93−7480	Bulb−LED	1

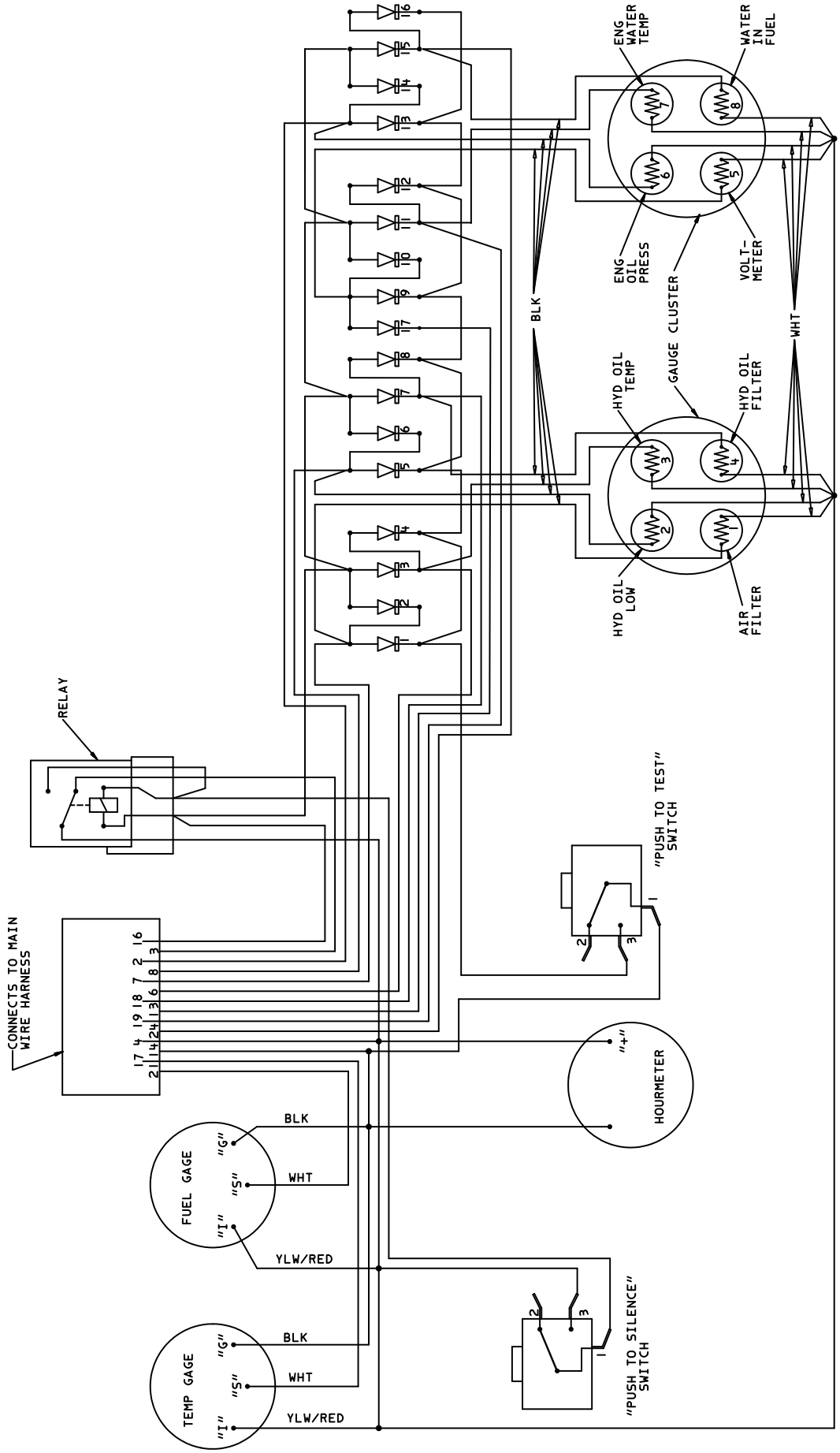
ELECTRICAL SCHEMATIC



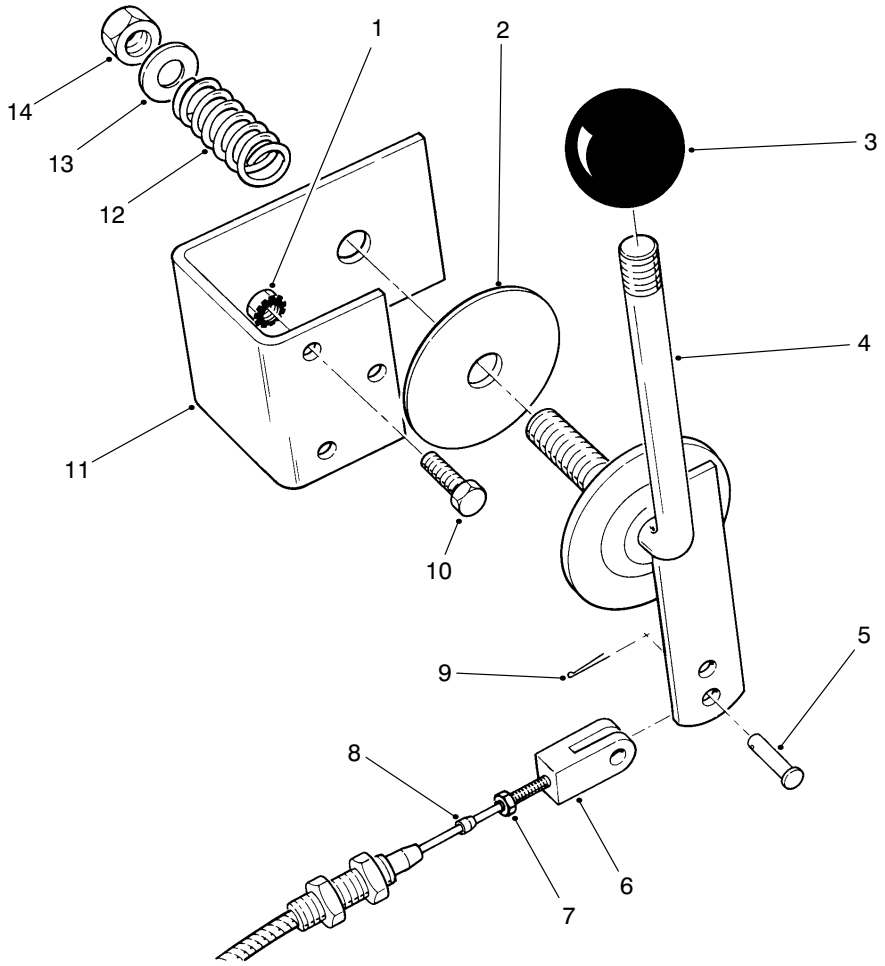
CONTROLLER ELECTRICAL SCHEMATIC



OPERATORS CONTROL PANEL ELECTRICAL SCHEMATIC



T−1655−1



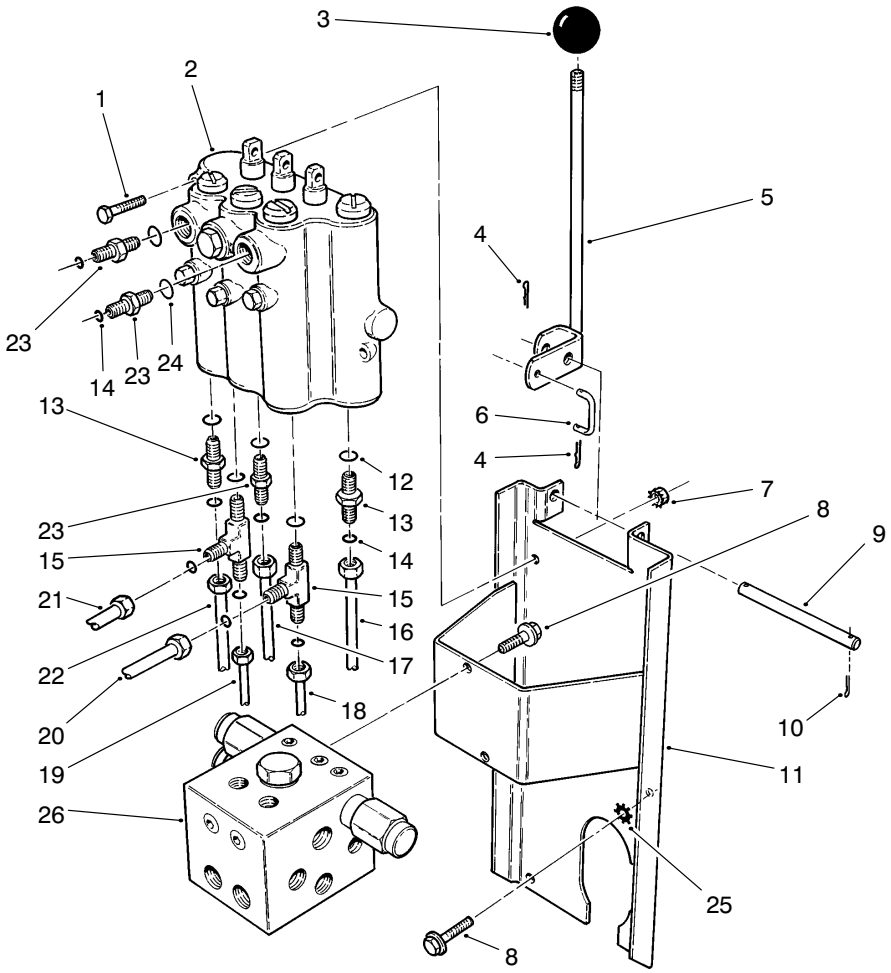
T−0352−1

THROTTLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296−42	Nut−Lock	3
2	3−2858	Disc−Friction	1
3	233−48	Knob	1
4	69−8040	Arm−Throttle	1
5	283−67	Pin−Clevis Arm End	1
*	69−0090	Pin−Clevis Engine End	1
6	282−28	Clevis−Adjustable	2
7	3219−14	Nut−Hex.	2

Ref. No.	Part No.	Description	No. Used
8	77−2990	Cable−Throttle	1
9	3272−1	Pin−Cotter	3
10	321−3	Screw−HH	3
11	69−9130	Bracket−Throttle	1
12	3−8596	Spring−Compression	1
13	3256−26	Washer−Flat	1
14	3296−23	Nut−Lock	1

* Not Illustrated

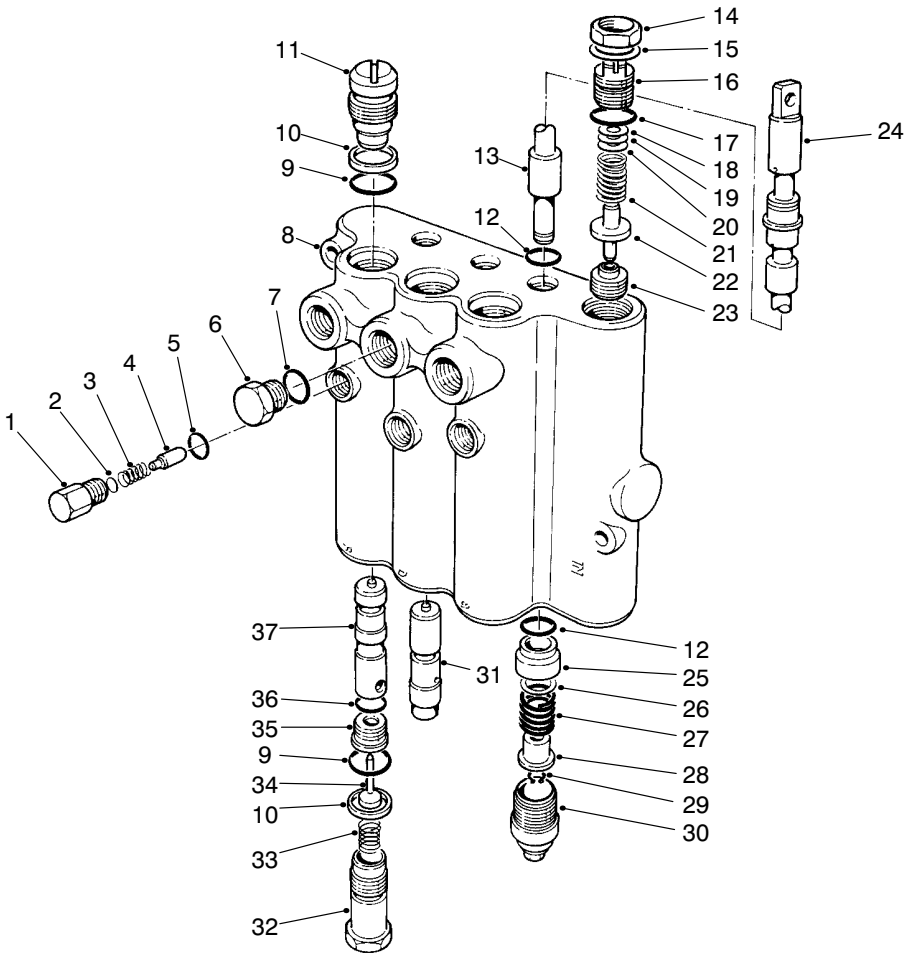


T−0355−1

LIFT VALVE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321−10	Screw−HH	2
2	69−1780	Asm−Lift Valve	1
3	233−42	Knob	3
4	3272−1	Pin−Cotter	6
5	69−7010	Lever−Valve LH	1
*	69−6990	Lever−Valve Mid.	1
*	69−7000	Lever−Valve RH	1
6	69−9140	Link−Valve Lever	3
7	32149−2	Nut−Keps	2
8	3234−14	Screw−HFH	6
9	69−9150	Shaft−Valve Lever	1
10	3272−6	Pin−Cotter	2
11	69−7810	Bracket−Valve	1
12	237−79	O−Ring	2
13	340−3	Fitting−Hydraulic Straight (Incl. Ref. #12 & 14)	2
14	237−22	O−Ring	9
15	340−86	Fitting−Hydraulic Tee (Incl. Ref. #14 & 24)	2
16	69−5860	Tube−Hydraulic	1
17	69−5720	Tube−Hydraulic	1
18	69−5700	Tube−Hydraulic	1
19	69−5740	Tube−Hydraulic	1
20	69−5680	Tube−Hydraulic	1
21	69−5890	Tube−Hydraulic	1
22	69−5870	Tube−Hydraulic	1
23	340−2	Fitting−Hydraulic Straight (Incl. Ref. #14 & 24)	3
24	237−42	O−Ring	5
25	3254−6	Washer−Lock	1
26	95−5907	Asm−Counterbalance Manifold	1

* Not Illustrated



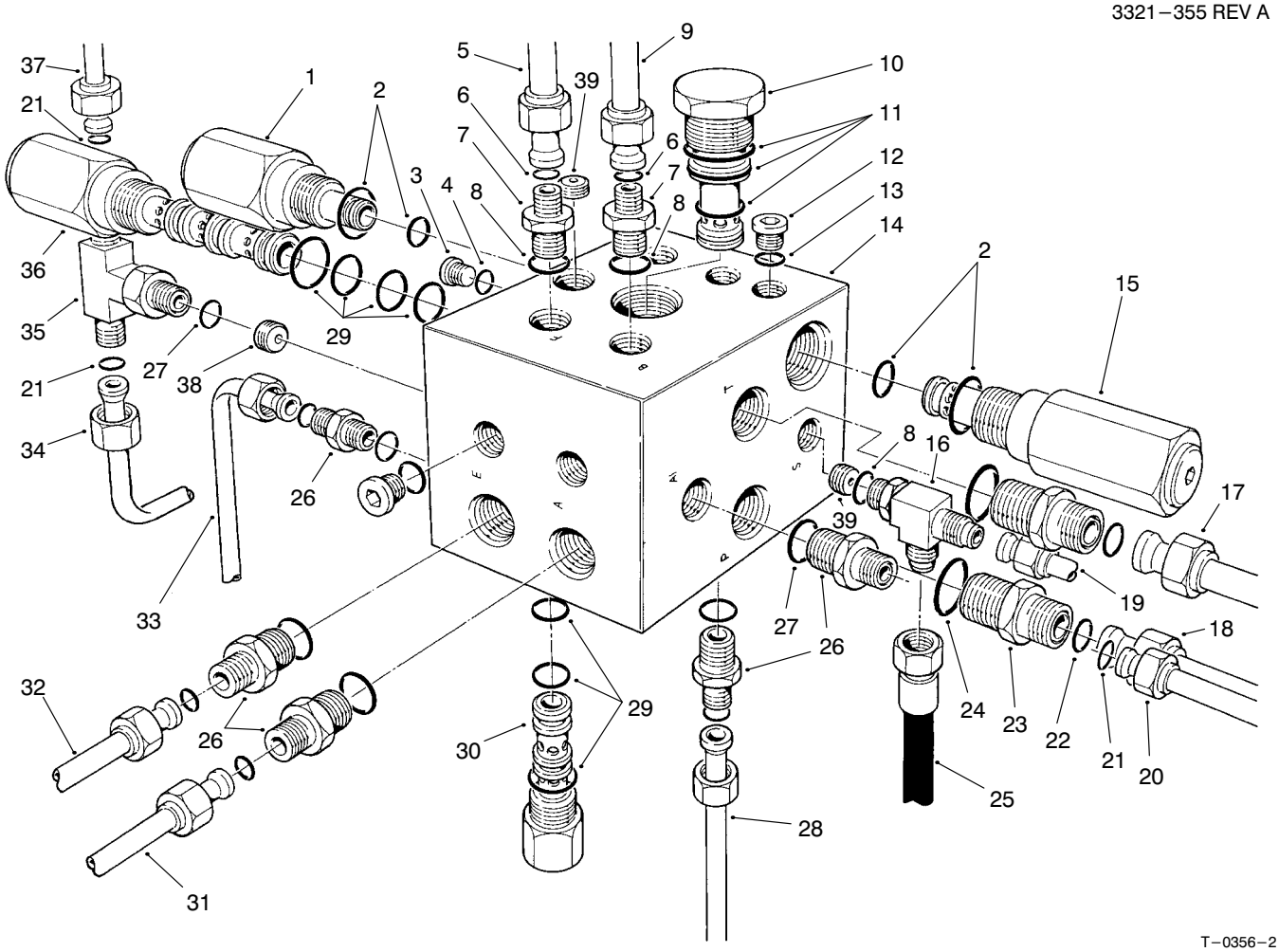
T−0379−1

LIFT VALVE ASSEMBLY NO. 69−1780

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	Plunger−Detent	3
5	58−6790	O−Ring	3
6	58−6710	Asm−Plug (Incl. Ref. #7)	1
7	58−6720	O−Ring	1
†8		Body	1
9	60−5720	O−Ring	6
10	58−6370	Washer−Back−Up	6
11	58−6350	Asm−Plug (Incl. Ref. #9−10)	3
12	58−6450	O−Ring	6
†13		Spool	3
14		Nut−Lock	1
15		Washer	1
16	69−1830	Asm−Plug (Incl. Ref. #14, 15 & 17)	1
17	58−6750	O−Ring	1
18	58−6470	Washer	A/R
19	58−6480	Washer	A/R

Ref. No.	Part No.	Description	No. Used
20	58−6490	Washer	A/R
21	69−1820	Spring−Black	1
22	58−6440	Poppet	1
†23		Seat	1
24	58−6320	Wiper−Seal	3
25	58−6400	Bushing	3
26	58−6700	Washer	3
27	58−6730	Spring	3
28	58−6310	Spacer	3
29	58−6460	Ring−Retaining	3
30	58−6420	Asm−Cap	3
31	69−1840	Plunger	1
32	69−1800	Asm−Plug (Incl. Ref. #9−10)	3
33	69−1810	Spring	3
34	58−6290	Asm−Poppet	3
35	58−6330	Asm−Seat (Incl. Ref. #36)	3
36	58−6340	O−Ring	3
37	69−1790	Plunger	2
*	60−3780	Kit−Seal (Incl. Ref. #5, 7, 9, 10, 12, 17, 24, 29, 34, & 36)	1

* Not Illustrated
† Not Serviceable Separately



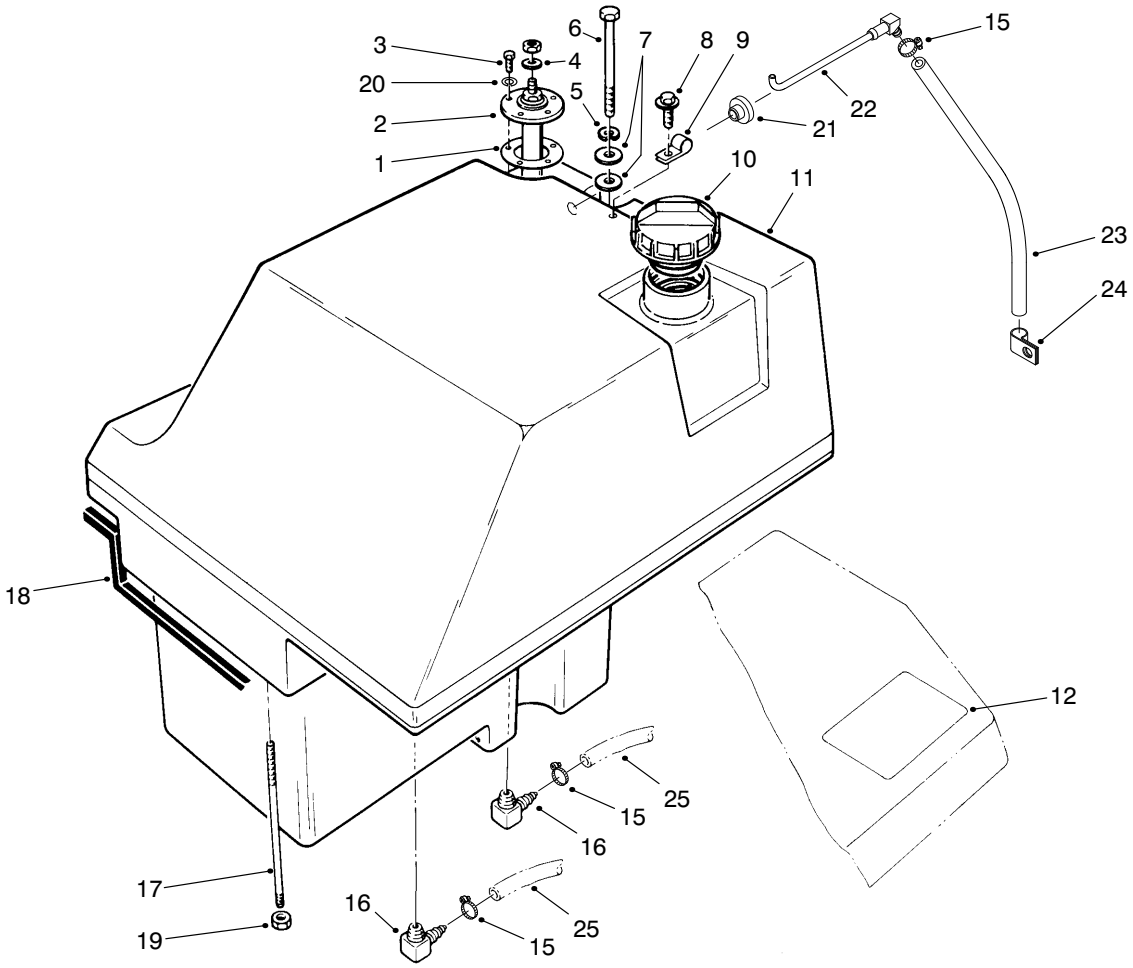
T−0356−2

COUNTERBALANCE MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−5630	Valve−Hydraulic Cartridge (Incl. Ref. #2)	1
2	95−5645	Kit−Seal	2
3	353−990	Plug−Hose (Incl. Ref. #4)	2
4	237−78	O−Ring	2
5	69−5890	Tube−Hydraulic	1
6	237−21	O−Ring	2
7	340−92	Fitting−Hydraulic Straight (Incl. Ref. #6 & 8)	2
8	237−78	O−Ring	3
9	69−5680	Tube−Hydraulic	1
10	95−5634	Valve−Hydraulic Cartridge (Incl. Ref. #11)	1
11	95−5641	Kit−Seal	1
12	353−991	Plug−Hole (Incl. Ref. #13)	8
13	237−156	O−Ring	8
14	69−4070	Manifold−Counter Balance	1
15	95−5632	Valve−Hydraulic Cartridge (Incl. Ref. #2)	1
16	353−566	Tee−Hydraulic (Incl. Ref. #8)	1
17	92−4967	Tube−Hydraulic	1
18	69−5850	Tube−Hydraulic	1
19	69−5910	Tube−Hydraulic	1
20	69−5710	Tube−Hydraulic	1

Ref. No.	Part No.	Description	No. Used
21	237−22	O−Ring	7
22	237−30	O−Ring	2
23	340−4	Fitting−Hydraulic Straight (Incl. Ref. #22 & 24)	2
24	237−79	O−Ring	2
25	93−7192	Hose−Hydraulic Diagnostic	1
26	340−2	Fitting−Hydraulic Straight (Incl. Ref. #21 & 27)	5
27	237−42	O−Ring	6
28	69−5870	Tube−Hydraulic	1
29	95−5642	Kit−Seal	3
30	95−5633	Valve−Hydraulic Cartridge (Incl. Ref. #29)	2
31	69−5820	Tube−Hydraulic	1
32	69−5830	Tube−Hydraulic	1
33	69−5730	Tube−Hydraulic	1
34	69−5860	Tube−Hydraulic	1
35	340−94	Tee−Hydraulic (Incl. Ref. #21 & 27)	1
36	95−5631	Valve−Hydraulic Cartridge (Incl. Ref. #29)	1
37	69−5920	Tube−Hydraulic	1
*	95−5907	Counterbalance Manifold (Incl. Ref. #1−4, 10−15, 29, 30 & 36)	1
38	69−4140	Plug−Orifice .120mm	1
39	69−4130	Plug−Orifice .047mm	2

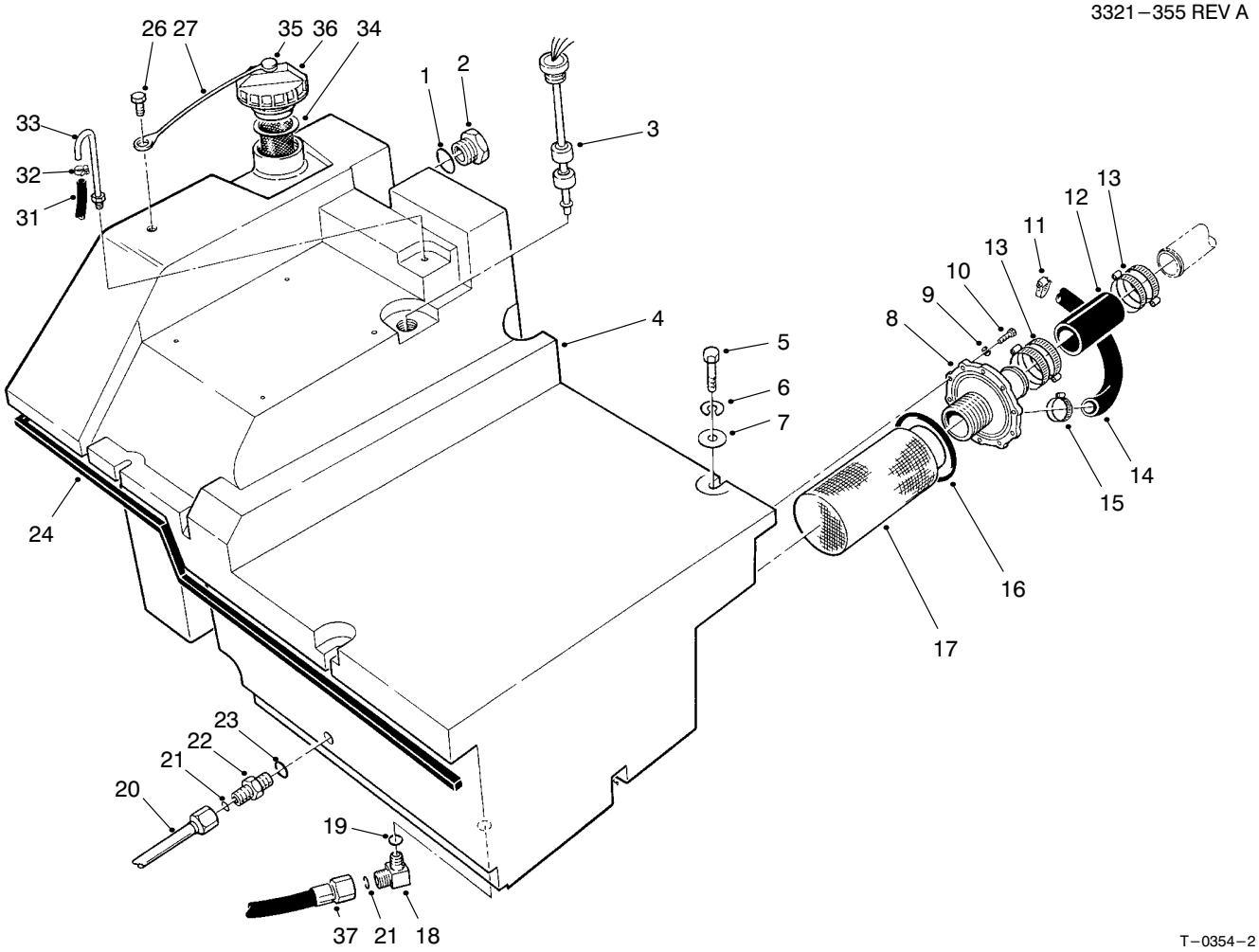
* Not Illustrated



FUEL TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	62−7650	Gasket−Level Sensing Unit	1
2	70−6990	Asm−Level Sensing Unit	1
3	32122−24	Screw−HH	5
4	5−3637	Spacer−Terminal	1
5	3253−21	Washer−Lock	1
6	323−21	Screw−HH	1
7	3256−5	Washer−Flat	2
8	3234−13	Screw−HWH	1
9	2412−89	Clamp−R	1
10	93−3102	Cap−Fuel	1
11	94−2865	Tank−Fuel	1
12	95−0822	Decal−Warning	1

Ref. No.	Part No.	Description	No. Used
15	2412−108	Clamp−Hose	3
16	353−536	Fitting−Fuel 90° Elbow	2
17	72−9550	Stud−Fuel Tank	1
18	68−7572	Strip−Sealing	1
19	3296−39	Nut−Lock	1
20	3253−15	Washer−Lock	5
21	46−6560	Bushing	1
22	94−3310	Tube−Vent	1
23	94−3311	Hose−Fuel	1
24	2412−138	Clamp−R	1
25	37−9560	Hose−Fuel	2



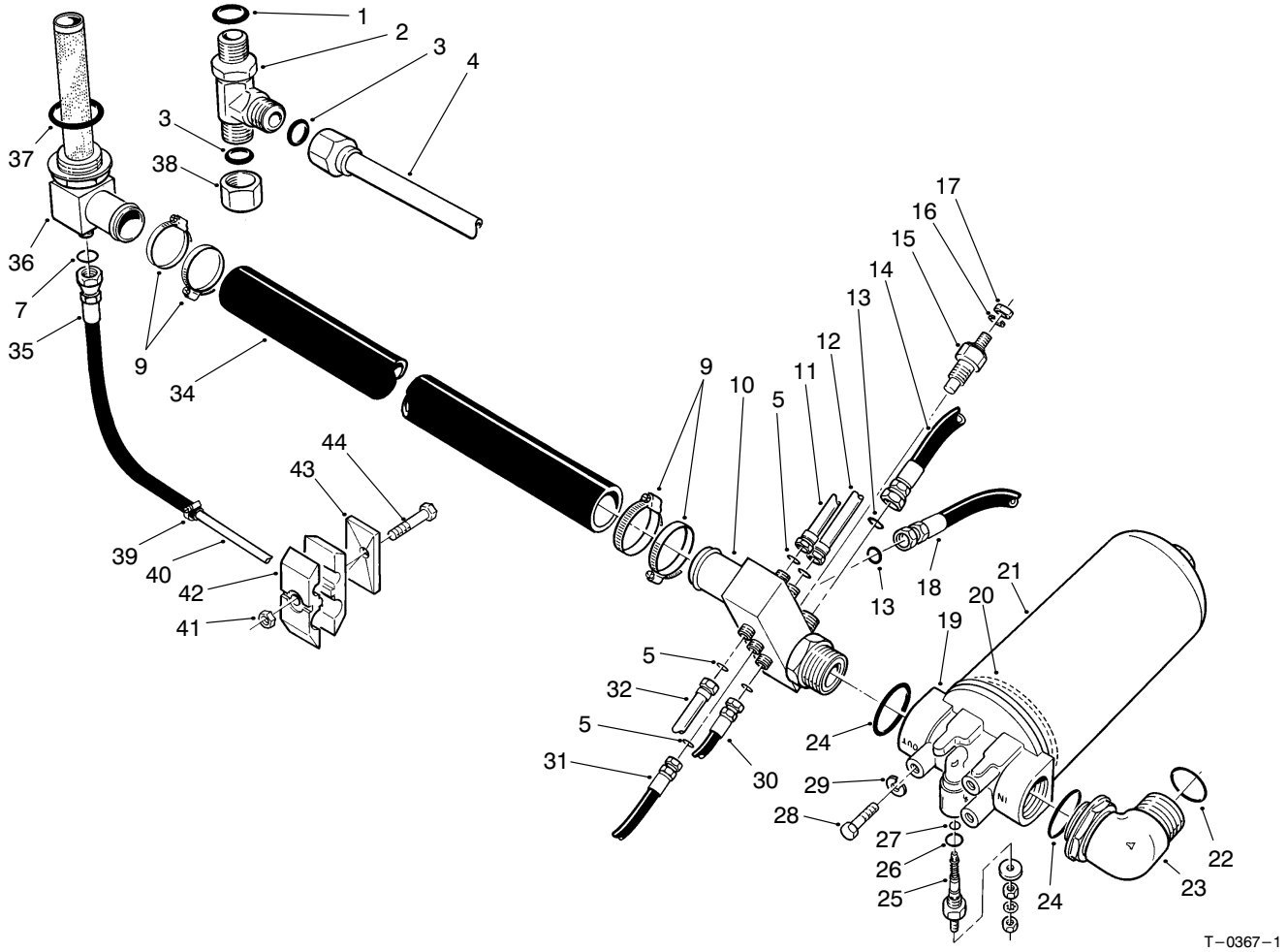
T−0354−2

HYDRAULIC TANK ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237−81	O−Ring	1
2	69−1170	Gauge−Sight (Incl. Ref. #1)	1
3	85−6260	Level Sensing Unit	1
4	94−1893	Tank−Hydraulic	1
5	323−10	Screw−HH	4
6	3253−21	Washer−Lock	4
7	5−3177	Washer−Flat	4
8	69−1610	Adapter−Suction Hose	1
9	3253−3	Washer−Lock	10
10	321−5	Screw−HH	10
11	2412−34	Clamp−Hose	1
12	69−5640	Hose−Suction	1
13	2412−42	Clamp−Hose	4
14	94−1892	Hose−Auxiliary Suction	1
15	2412−3	Clamp−Hose	1
16	237−157	O−Ring	1
17	69−1650	Screen−Suction	1
18	340−130	Fitting−Hydraulic 90° (Incl. Ref. #19 & 21)	1

Ref. No.	Part No.	Description	No. Used
19	237−80	O−Ring	3
20	69−5800	Tube−Hydraulic	1
21	237−22	O−Ring	2
22	340−3	Fitting−Hydraulic Straight (Incl. Ref. #21 & 23)	1
23	237−79	O−Ring	1
24	68−7571	Strip−Sealing	1
26	321−2	Screw−HH	1
27	75−0540	Tether−Cap, Reservoir	1
31	71−2680	Hose−Vent	1
32	2412−108	Clamp−Hose	1
33	69−4280	Tube−Hydraulic Vent	1
34	61−2790	Filler−Screen	1
35	2410−73	Pin−Tether	1
36	93−3103	Cap−Hydraulic (Incl. Ref. #27 & 35)	1
37	92−4970	Hose−Hydraulic	1

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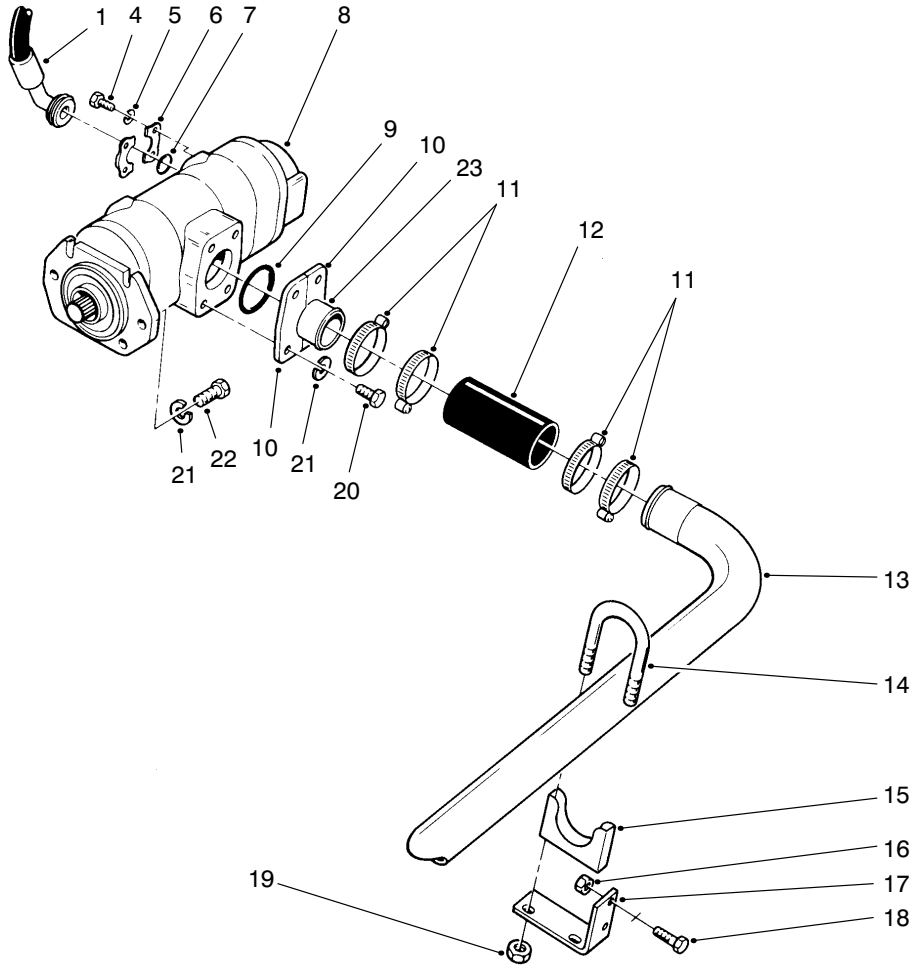


HYDRAULIC FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237−80	O−Ring	1
2	340−22	Fitting−Hydraulic Tee (Incl. Ref. #1 & 3)	1
3	237−65	O−Ring	2
4	92−4807	Tube−Hydraulic	1
5	237−22	O−Ring	3
7	237−58	O−Ring	1
9	2412−92	Clamp−Hose	4
10	69−5410	Manifold−Return (Incl. Ref. #5, 13 & 24)	1
11	69−6000	Tube−Hydraulic (Incl. Ref. #5)	1
12	69−5990	Tube−Hydraulic (Incl. Ref. #5)	1
13	237−30	O−Ring	2
14	69−5460	Hose−Hydraulic	1
15	39−7593	Temperature Sending Unit	1
16	3253−2	Washer−Lock	1
17	3219−14	Nut−Hex.	1
18	69−5650	Hose−Hydraulic	1
19	69−1700	Asm−Hydraulic Filter (Incl. Ref. #20, 21 & 25−27)	1
20	237−155	O−Ring	1
21	69−1720	Element−Filter (Incl. Ref. #20)	1

Ref. No.	Part No.	Description	No. Used
22	340−65	O−Ring	1
23	340−79	Fitting−Hydraulic 90° (Incl. Ref. #22 & 24)	1
24	237−101	O−Ring	2
25	69−1710	Indicator−Filter (Incl. Ref. # 26 & 27)	1
†26		O−Ring	1
†27		O−Ring	1
28	323−4	Screw−HH	3
29	3253−21	Washer−Lock	3
30	69−5440	Hose−Hydraulic	1
31	69−8440	Hose−Hydraulic	1
32	69−5950	Tube−Hydraulic	1
34	74−2660	Hose−Hydraulic Return	1
35	92−2352	Hose−Hydraulic	1
36	92−2351	Fitting−Tank Return (Incl. Ref. #7 & 37)	1
37	340−136	O−Ring	1
38	340−150	Cap−Hydraulic	1
39	2412−129	Clamp−Hose	1
40	92−1742	Tube−Hydraulic	1
41	32152−1	Nut−Lock	3
42	56−7978	Clamp Half−Hydraulic Line	6
43	69−9761	Plate−Cover	3
44	322−12	Screw−HH	3

† Not Serviceable Separately



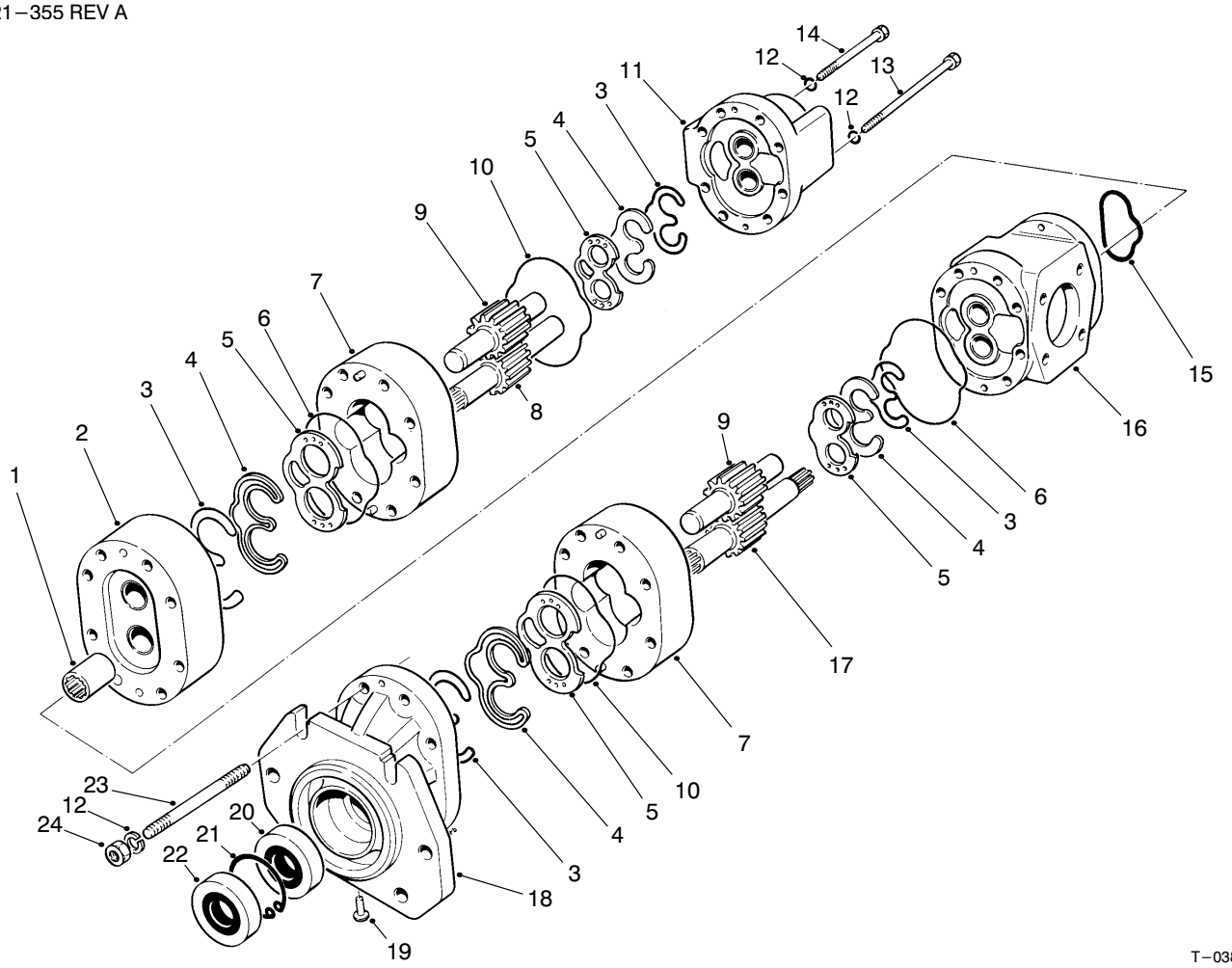
T–0349–2

HYDRAULIC PUMP INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	98–0655	Asm–Hydraulic Hose	2
4	323–7	Screw–HH	8
5	3253–21	Washer–Lock	8
6	353–992	Flange–Fitting	4
7	340–135	O–Ring	2
8	69–2050	Asm–Hydraulic Pump	1
9	237–116	O–Ring	1
10	354–42	Flange–Half	2
11	2412–42	Clamp–Hose	4
12	69–5640	Hose–Hydraulic	1
13	94–1891	Asm–Hydraulic Tube	1

Ref. No.	Part No.	Description	No. Used
†14		Bolt–U	2
15	20–4840	Clamp–Tube (Incl. Ref. #14 & 19)	2
16	32152–2	Nut–Lock	4
17	69–9220	Support–Tube Clamp	2
18	323–6	Screw–HH	4
19	32128–25	Nut–Lock	4
20	325–6	Screw–HH	4
21	3253–7	Washer–Lock	8
22	3213–2	Screw–HH	4
23	74–2270	Fitting–Suction	1

† Not Serviceable Separately



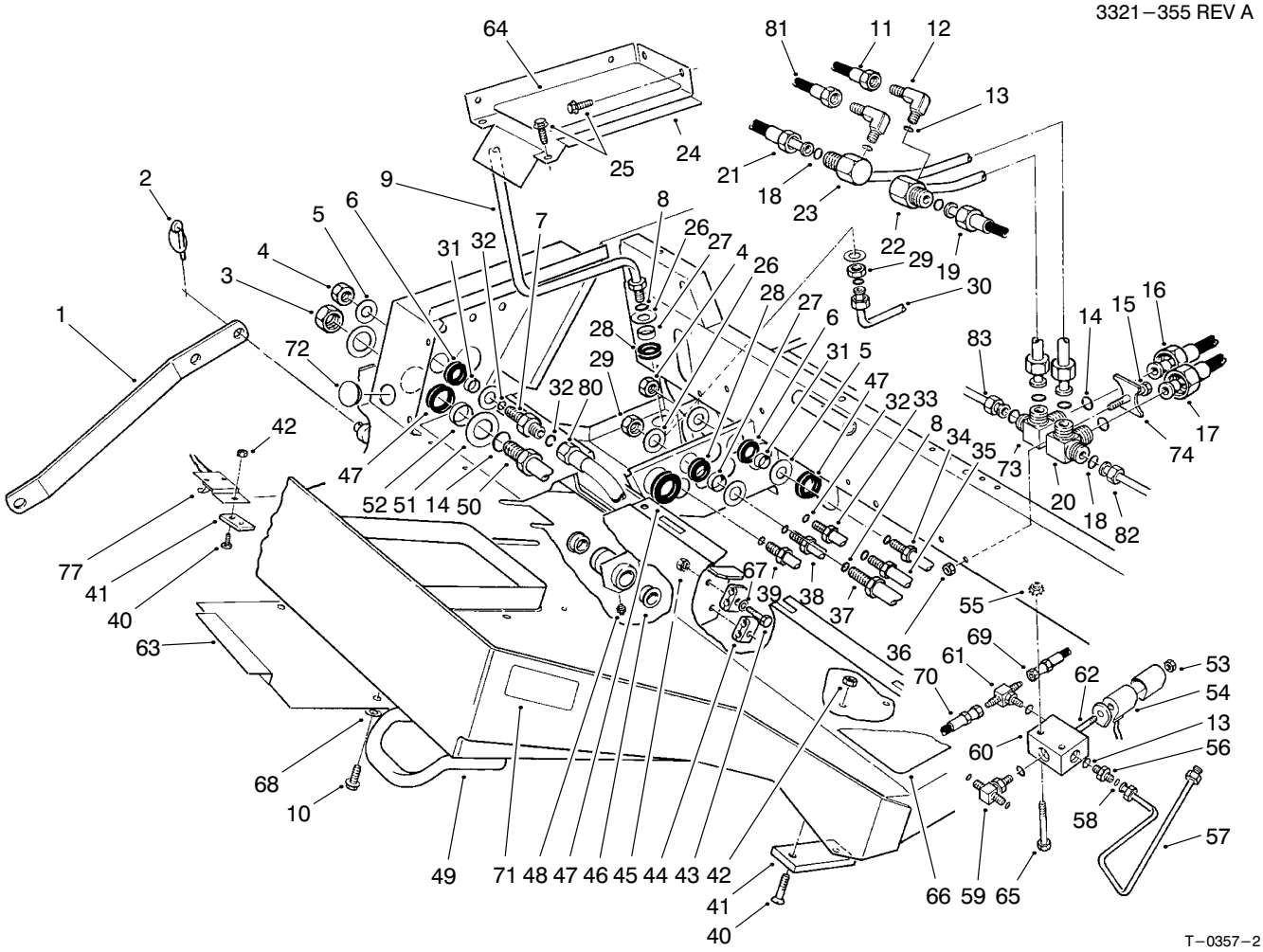
T−0382−1

DOUBLE GEAR PUMP NO. 69−2050

Ref. No.	Part No.	Description	No. Used
1	69−2110	Coupling	1
2	69−2170	Asm−Adapter Section	1
3	59−7990	Seal−Gland	4
4	59−8470	Retainer−Seal	4
5	69−2070	Plate−Flex	4
6	69−2200	O−Ring	2
7	69−2080	Asm−Center Section	2
8	69−2090	Gear/Shaft−Rear Drive	1
9	59−8600	Gear−Driven	2
10	69−2120	O−Ring	2
11	69−2100	Asm−Rear Cover	1
12	59−7590	Washer−Lock	16
13	69−2150	Screw−HH	4

Ref. No.	Part No.	Description	No. Used
14	69−2140	Screw−HH	4
15	69−2210	O−Ring	1
16	69−2160	Asm−Port Section	1
17	59−8500	Gear/Shaft−Front Drive	1
18	69−2060	Asm−Shaft End Cover	1
19	69−2130	Plug	1
20	59−8590	Seal−Shaft	1
21	59−8580	Ring−Retaining	1
22	59−8570	Seal−Shaft	1
23	59−7970	Stud−Threaded	8
24	59−7580	Nut−Hex.	8
*	59−8610	Kit−Repair (Incl. Ref. #3, 4, 20 & 22)	1

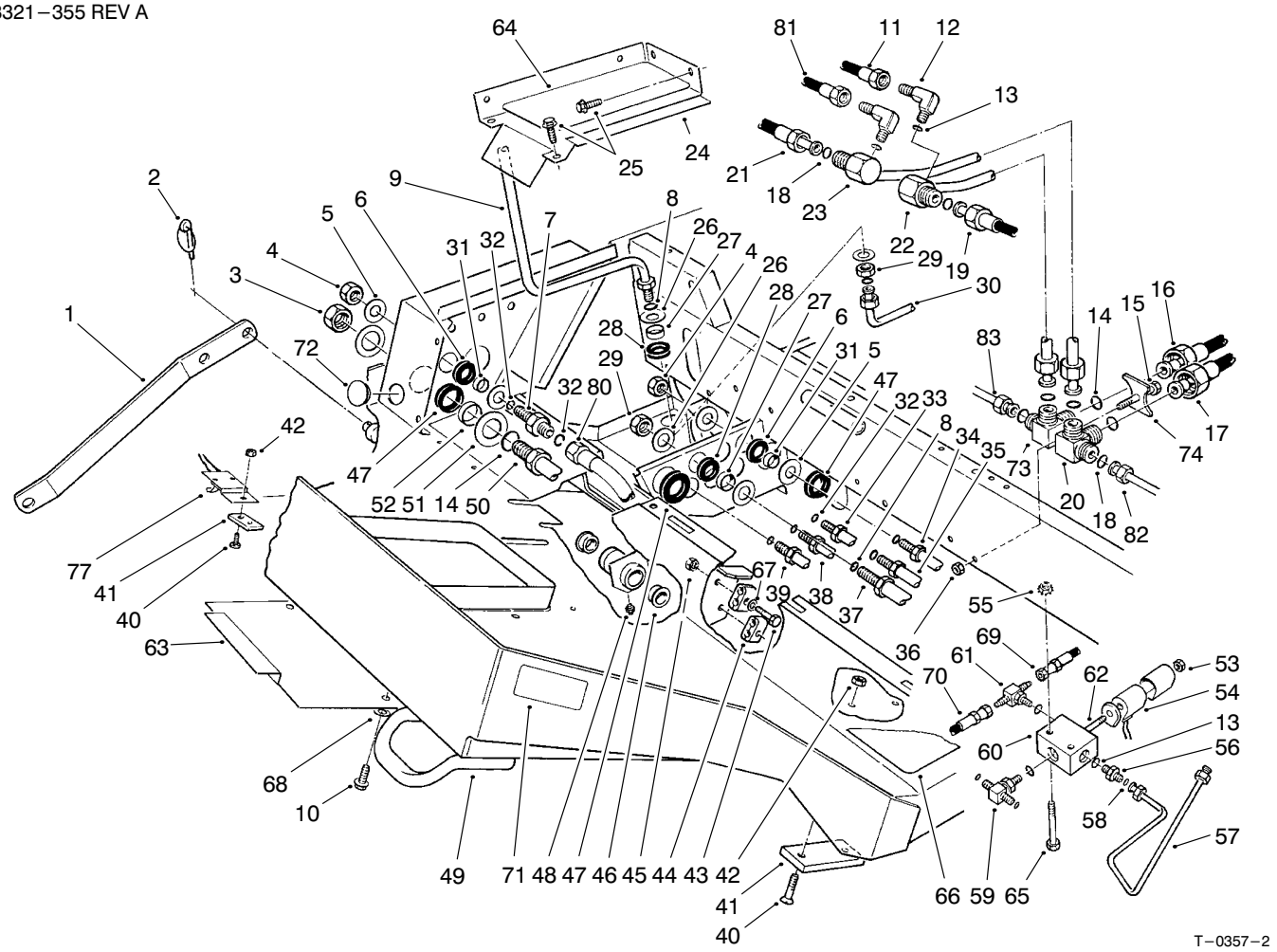
* Not Illustrated



FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	85−6190	Link−Deck Tilt	1
2	3290−495	Pin−Lynch	2
3	340−126	Nut−Bulkhead	2
4	340−70	Nut−Bulkhead	6
5	69−8940	Washer	12
6	240−4	Grommet	6
7	340−71	Fitting−Hydraulic Bulkhead (Incl. Ref. #32)	1
8	237−30	O−Ring	3
9	92−4967	Tube−Hydraulic (Incl. Ref. #8)	1
10	3234−28	Screw−HFH	2
11	93−7422	Hose−Hydraulic	1
12	353−375	Fitting−Hydraulic 90° (Incl. Ref. #13)	2
13	237−78	O−Ring	5
14	237−58	O−Ring	4
15	3274−86	Screw−HSH	1
16	69−5470	Hose−Hydraulic	1
17	69−5480	Hose−Hydraulic	1
18	237−65	O−Ring	6
19	93−7177	Asm−Tube, Traction LH	1
20	83−8350	Fitting−Traction, LH (Incl. Ref. #14 & 18)	1
21	93−7178	Asm−Tube, Traction RH	1

Ref. No.	Part No.	Description	No. Used
22	69−6200	Tube−Hydraulic (Incl. Ref. #18)	1
23	69−6190	Tube−Hydraulic (Incl. Ref. #18	1
24	71−2450	Cover−Access	1
25	3234−14	Screw−HFH	4
26	69−8930	Washer	4
27	69−8960	Spacer	2
28	240−5	Grommet	2
29	340−127	Nut−Bulkhead	2
30	85−6150	Tube−Hydraulic	1
31	69−8970	Spacer	6
32	237−22	O−Ring	7
33	69−6050	Tube−Hydraulic (Incl. Ref. #32)	1
34	69−6040	Tube−Hydraulic (Incl. Ref. #32)	1
35	69−6030	Tube−Hydraulic (Incl. Ref. #32)	1
36	32152−1	Nut−Lock	1
37	69−5790	Tube−Hydraulic (Incl. Ref. #8)	1
38	69−6060	Tube−Hydraulic (Incl. Ref. #32)	1
39	93−7426	Tube−Hydraulic (Incl. Ref. #32)	1

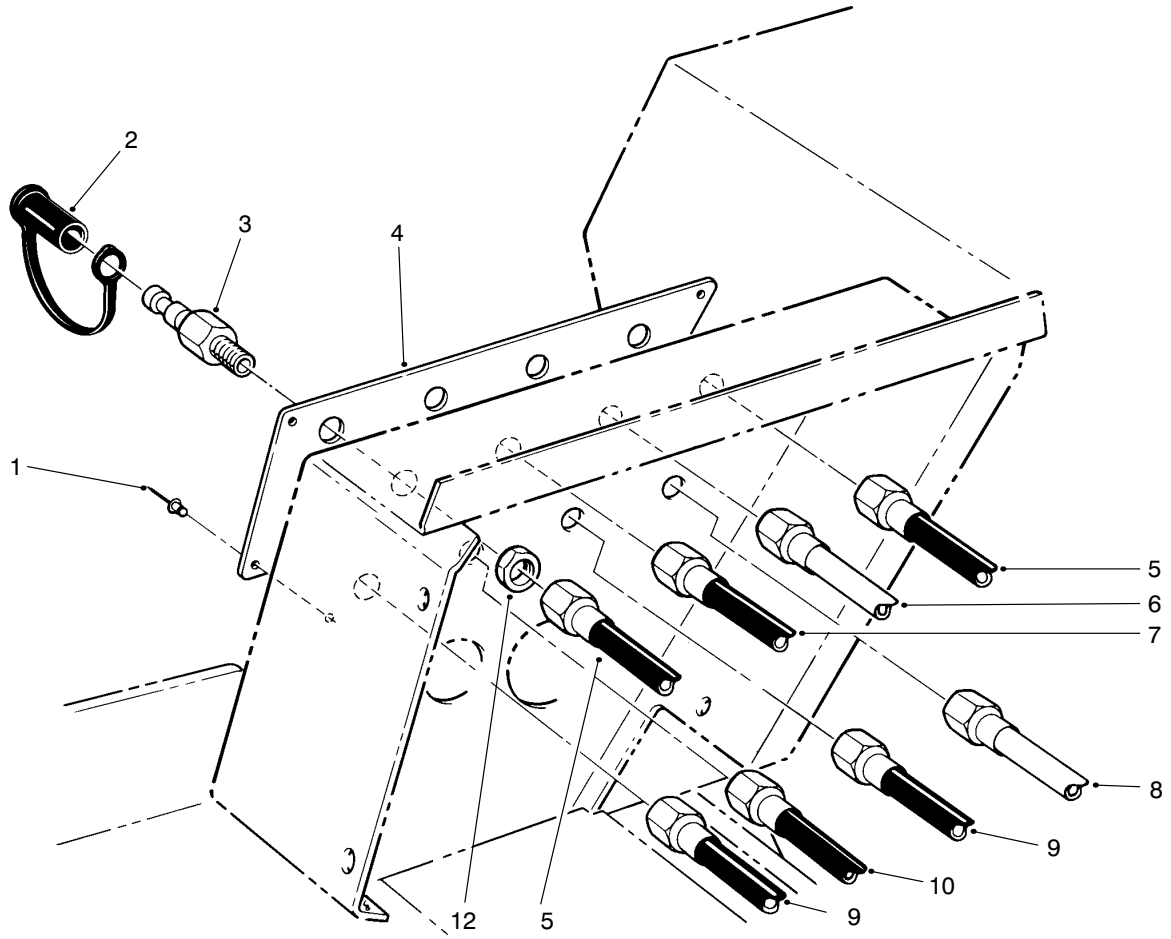


FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
40	32108−103	Screw−Machine Flat Hd.	4
41	69−9300	Cushion−Rubber	2
42	32152−1	Nut−Lock	4
43	321−9	Screw−HH	2
44	56−7973	Clamp Half−Hydraulic Line	4
45	32152−4	Nut−Lock	2
46	256−247	Bushing−Flange	2
47	240−7	Grommet	4
48	302−5	Fitting−Grease	1
49	69−0100	Asm−Frame (Incl. Ref. #46 & 48)	1
50	69−6100	Tube−Hydraulic Pressure (Incl. Ref. #14)	1
*	69−5810	Tube−Hydraulic Return (Incl. Ref. #14)	1
51	69−8910	Washer	4
52	69−8900	Spacer	2
53	3220−4	Nut	1
54	92−3048	Kit−Solenoid Coil	3
55	32149−2	Nut−Keps	2
56	340−92	Fitting−Hydraulic (Incl. Ref. #13 & 58)	1
57	69−5950	Tube−Hydraulic	1
58	237−21	O−Ring	3
59	340−125	Fitting−Hydraulic (Incl. Ref. #13 & 58)	1

Ref. No.	Part No.	Description	No. Used
†60		Body−Valve	1
61	93−9988	Fitting−Hydraulic (Incl. Ref. #13)	1
62	95−5638	Valve−Solenoid (Incl. Ref. #53)	1
63	69−9470	Cover−Access	1
64	71−0430	Cover−Abrasive	1
65	321−11	Screw−HH	2
66	71−0420	Floor−Abrasive	1
67	3256−56	Washer−Flat	2
68	3256−23	Washer−Flat	2
69	93−7424	Hose−Diagnostic	1
70	93−7193	Hose−Diagnostic	1
71	72−4080	Decal−Danger	2
72	2410−10	Plug−Button	1
73	83−8360	Fitting−Traction, RH	1
74	83−8370	Plate−Clamp	1
77	93−7038	Switch	1
80	92−4970	Hose−Hydraulic	1
81	93−7192	Hose−Diagnostic	1
82	83−4330	Asm−Tube, Traction LH	1
83	83−4340	Asm−Tube, Traction RH	1
*	95−5917	Valve Seal Kit	1
*	95−5916	Asm−Solenoid Valve (Incl. Ref. #53, 54, 60, 62 & Valve Seal Kit #92−3049)	1

* Not Illustrated
† Not Serviceable Separately

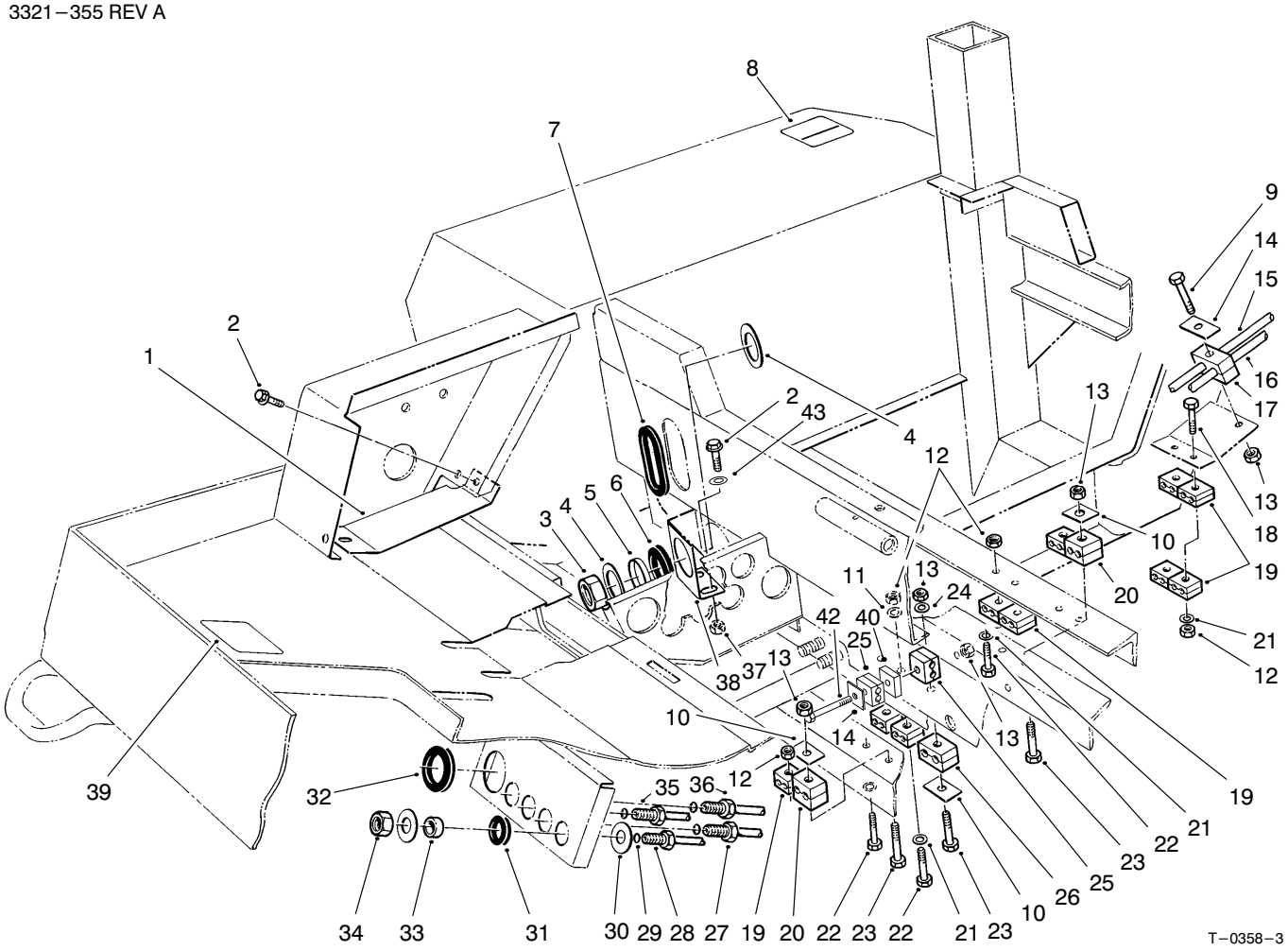


T−0363−1

HYDRAULIC SYSTEM DIAGNOSTIC PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3269−25	Rivet−Pop	4
2	353−947	Cap−Fitting	8
3	353−997	Fitting−Hydraulic Bulkhead (Incl. Ref. #12)	8
4	95−0824	Panel−Diagnostic	1
5	93−7422	Hose−Hyd. Diagnostic	1

Ref. No.	Part No.	Description	No. Used
6	69−5910	Tube−Hyd. Diagnostic	1
7	93−7193	Hose−Hyd. Diagnostic	1
8	69−5920	Tube−Diagnostic	1
9	93−7423	Hose−Hyd. Diagnostic	2
10	93−7425	Hose−Hyd. Diagnostic	1
12	3220−4	Nut−Bulkhead	8

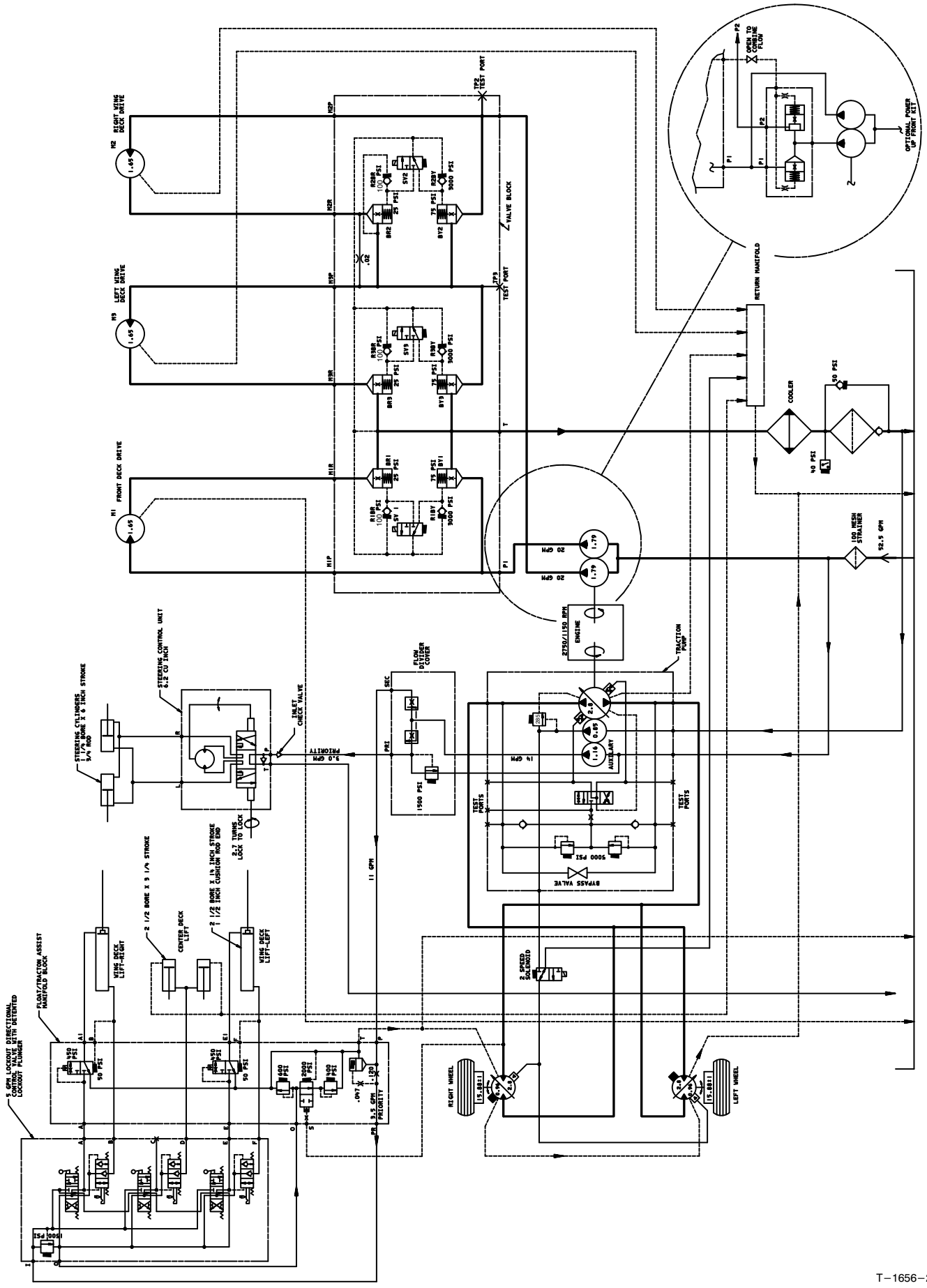


HYDRAULIC LINE CLAMPS ASSEMBLY

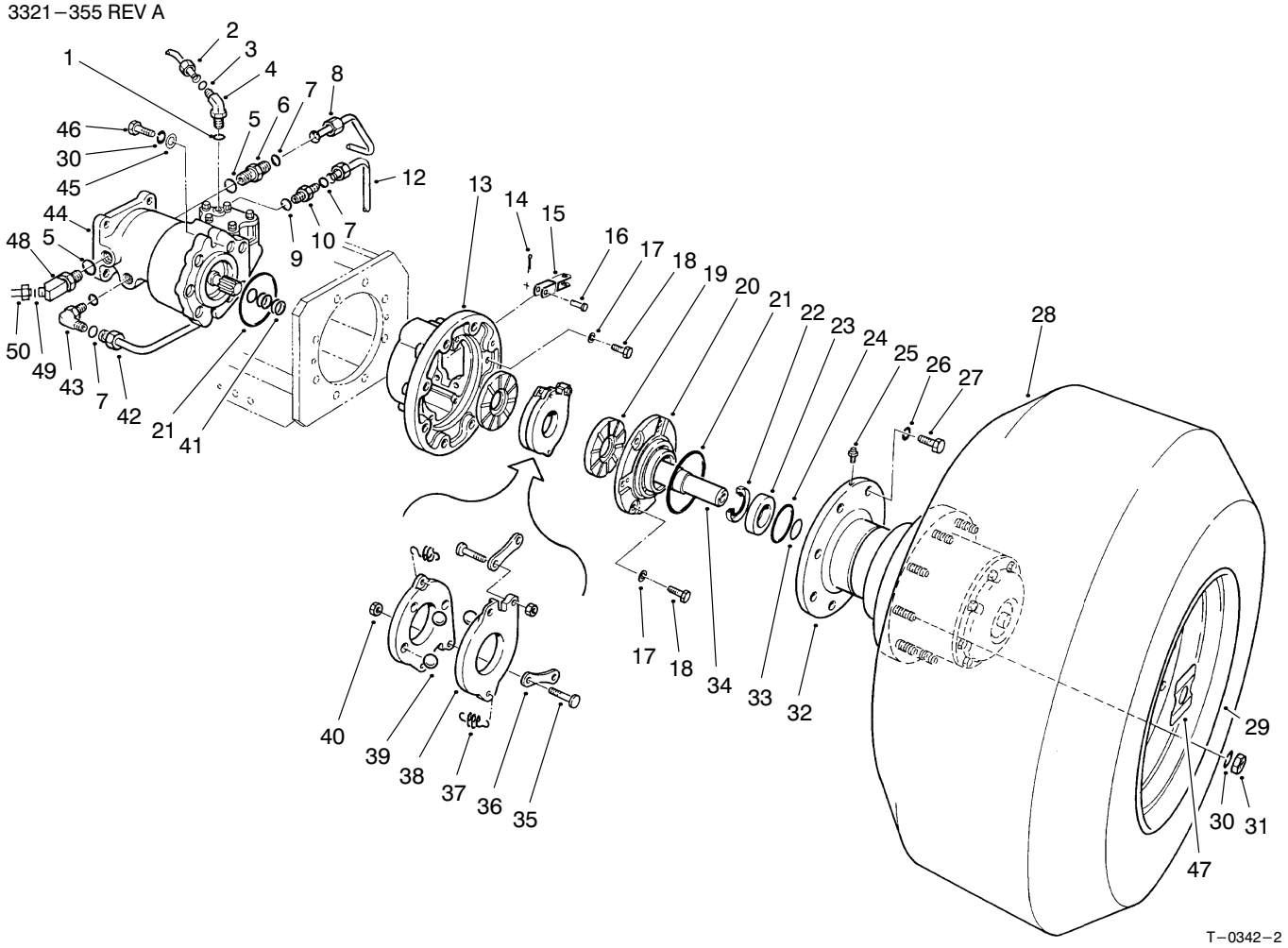
Ref. No.	Part No.	Description	No. Used
1	69−9330	Cover	1
2	3234−14	Screw−HFH	6
3	340−128	Nut−Bulkhead	2
4	69−8920	Washer	4
5	69−8950	Spacer	2
6	240−2	Grommet	2
7	237−164	Grommet	1
8	95−0821	Decal−Hydraulic Oil	1
9	322−12	Screw−HH	2
10	69−9760	Plate−Cover	3
11	3256−22	Washer−Flat	2
12	32152−4	Nut−Lock	6
13	32152−1	Nut−Lock	8
14	69−9761	Plate−Cover	5
15	69−6130	Tube−Hydraulic	1
16	69−6120	Tube−Hydraulic	1
17	56−7974	Clamp Half−Hydraulic Line	2
18	321−15	Screw−HH	2
19	56−7973	Clamp Half−Hydraulic Line	20
20	56−7972	Clamp Half−Hydraulic Line	4
21	3256−56	Washer−Flat	8
22	321−9	Screw−HH	6
23	322−21	Screw−HH	3

Ref. No.	Part No.	Description	No. Used
24	3256−23	Washer−Flat	1
25	56−7978	Clamp Half−Hydraulic Line	12
26	56−7971	Clamp Half−Hydraulic Line	2
27	93−7179	Tube−Hydraulic (Incl. Ref. #29)	1
28	69−5800	Tube−Hydraulic (Incl. Ref. #29)	1
29	237−21	O−Ring	4
30	69−8980	Washer	8
31	240−6	Grommet	4
32	240−7	Grommet	1
33	69−8990	Spacer	4
34	340−78	Nut−Bulkhead	4
35	69−6080	Tube−Hydraulic (Incl. Ref. #29)	1
36	69−6070	Tube−Hydraulic (Incl. Ref. #29)	1
37	32151−1	Nut−Lock	4
38	71−2560	Support−Bulkhead	2
39	69−0940	Decal−Caution	1
40	95−5616	Spacer	4
42	322−38	Screw−HH	2
43	3256−23	Washer−Flat	4

HYDRAULIC SCHEMATIC



T−1656−2

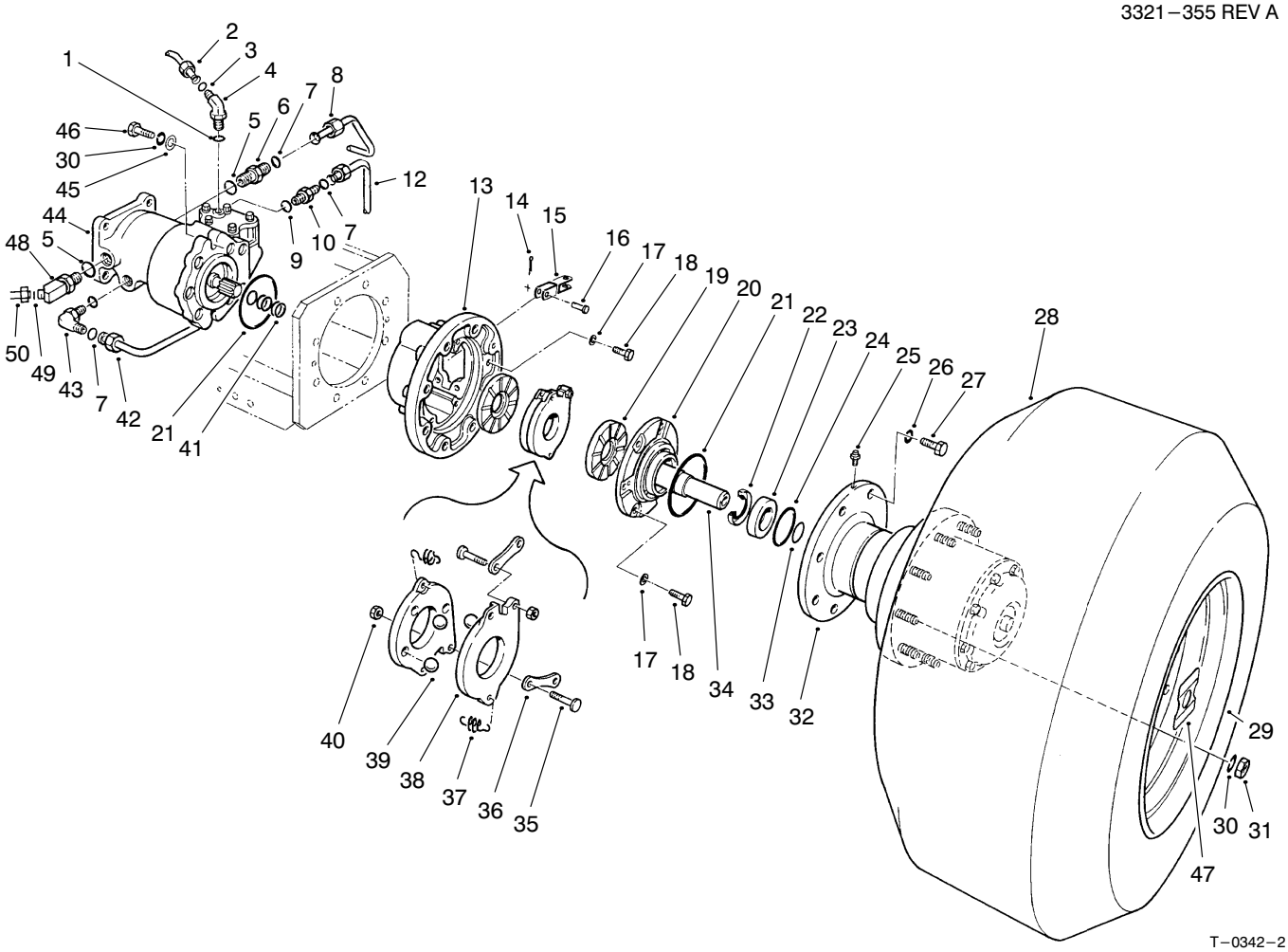


FRONT WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	237−42	O−Ring	2
2	69−5940	Tube−Hydraulic LH	1
*	69−5930	Tube−Hydraulic RH	1
3	237−21	O−Ring	2
4	340−82	Fitting−Hydraulic Elbow (Incl. Ref. #1 & 3)	2
5	237−146	O−Ring	4
6	340−91	Fitting−Hydraulic Straight (Incl. Ref. #5 & 7)	2
7	237−58	O−Ring	7
8	83−4330	Tube−Hydraulic LH	1
*	83−4340	Tube−Hydraulic RH	1
9	237−81	O−Ring	4
10	340−9	Fitting−Hydraulic St. LH (Incl. Ref. #7 & 9)	1
*	340−148	Fitting−Hydraulic Tee RH (Incl. Ref. #7 & 9)	1
12	92−1742	Tube−Hydraulic LH	1
*	92−4807	Tube−Hyd. RH Run	1
*	85−6150	Tube−Hyd. RH Branch	1
13	71−4010	Housing−Brake	2
14	3272−6	Pin−Cotter	2
15	71−3880	Clevis−Brake Cable	2
16	283−2	Pin−Clevis	2
17	3253−21	Washer−Lock	14
18	323−6	Screw−HH	14
19	71−0470	Disc−Middle	4
20	71−3990	Cap−Brake Housing	2

Ref. No.	Part No.	Description	No. Used
21	237−158	O−Ring	4
22	253−156	Seal−Oil	2
23	251−340	Bearing−Ball	2
24	32120−22	Ring−Retaining Internal	2
25	302−39	Vent	2
26	3253−8	Washer−Lock	16
27	327−22	Screw−HH	16
28	69−9800	Tire	2
*	58−5620	Tube−Inner	2
*	231−140	Tire−(Optional)	2
29	71−2470	Rim	2
30	3253−7	Washer−Lock	22
31	3219−5	Nut−Hex.	18
32	69−1730	Asm−Planetary Gear Drive	2
33	32120−84	Ring−Retaining External	2
34	71−3810	Coupling−Hydraulic Motor	2
35	69−9970	Stud	4
36	69−9960	Link	4
37	69−9950	Spring−Extension	4
38	69−9990	Disc−Actuating	4
39	69−9980	Ball	6
40	69−9940	Nut−Jam	4
41	253−157	Ring−Cup	6
42	92−1741	Tube−Hydraulic	1
43	340−142	Fitting−Hydraulic Elbow (Incl. Ref. #9 & 11)	2
44	69−3050	Motor−Hydraulic Wheel	2
45	3256−26	Washer−Flat	4

* Not Illustrated

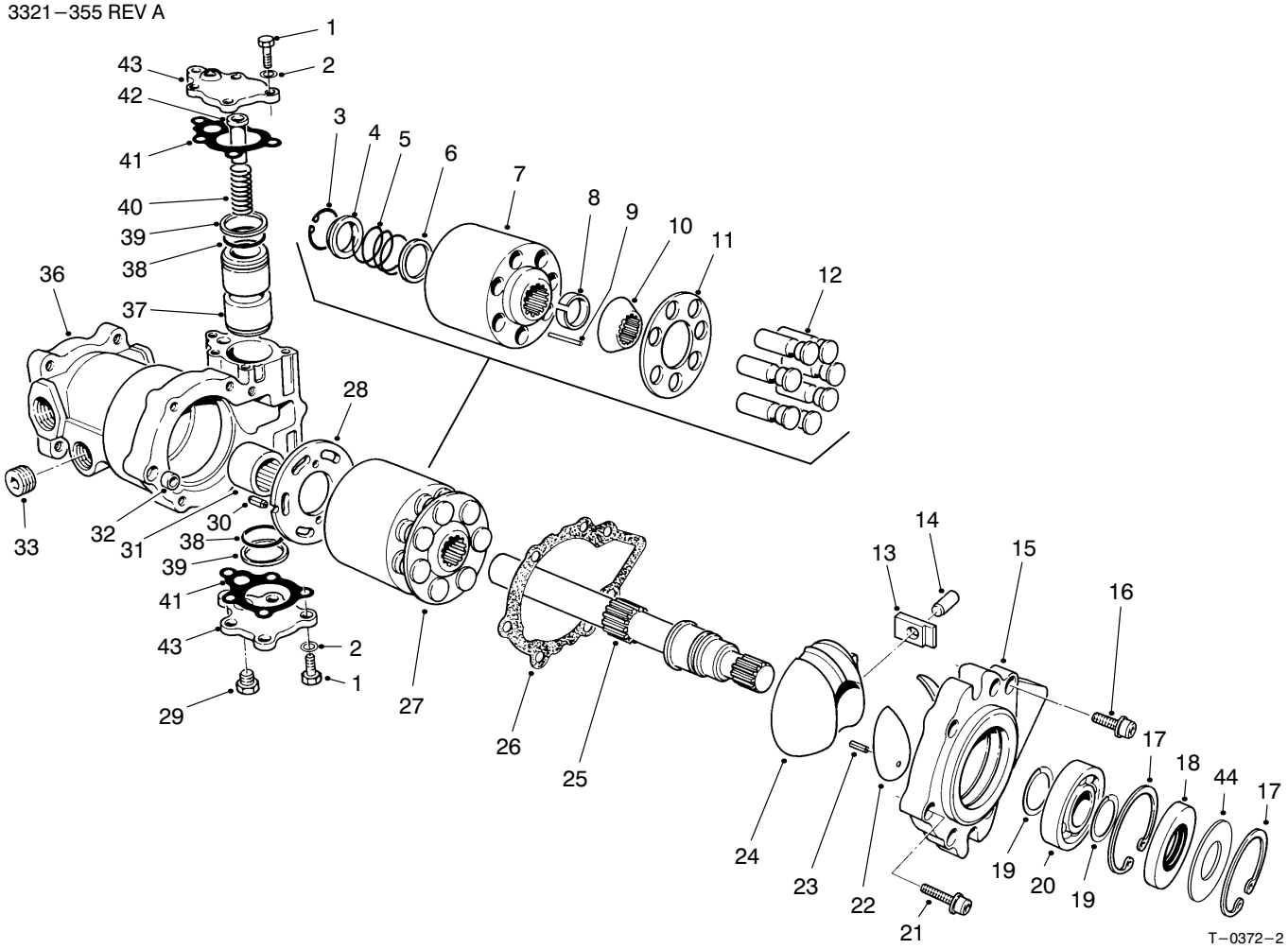


FRONT WHEEL ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
46	325−7	Screw−HH	4
47	72−4070	Decal−Danger	2
48	93−7176	Fitting−45° ORFS	2

Ref. No.	Part No.	Description	No. Used
49	237−65	O−Ring	2
50	93−7177	Tube−Hydraulic, LH	1
*	93−7178	Tube−Hydraulic, RH	1

* Not Illustrated

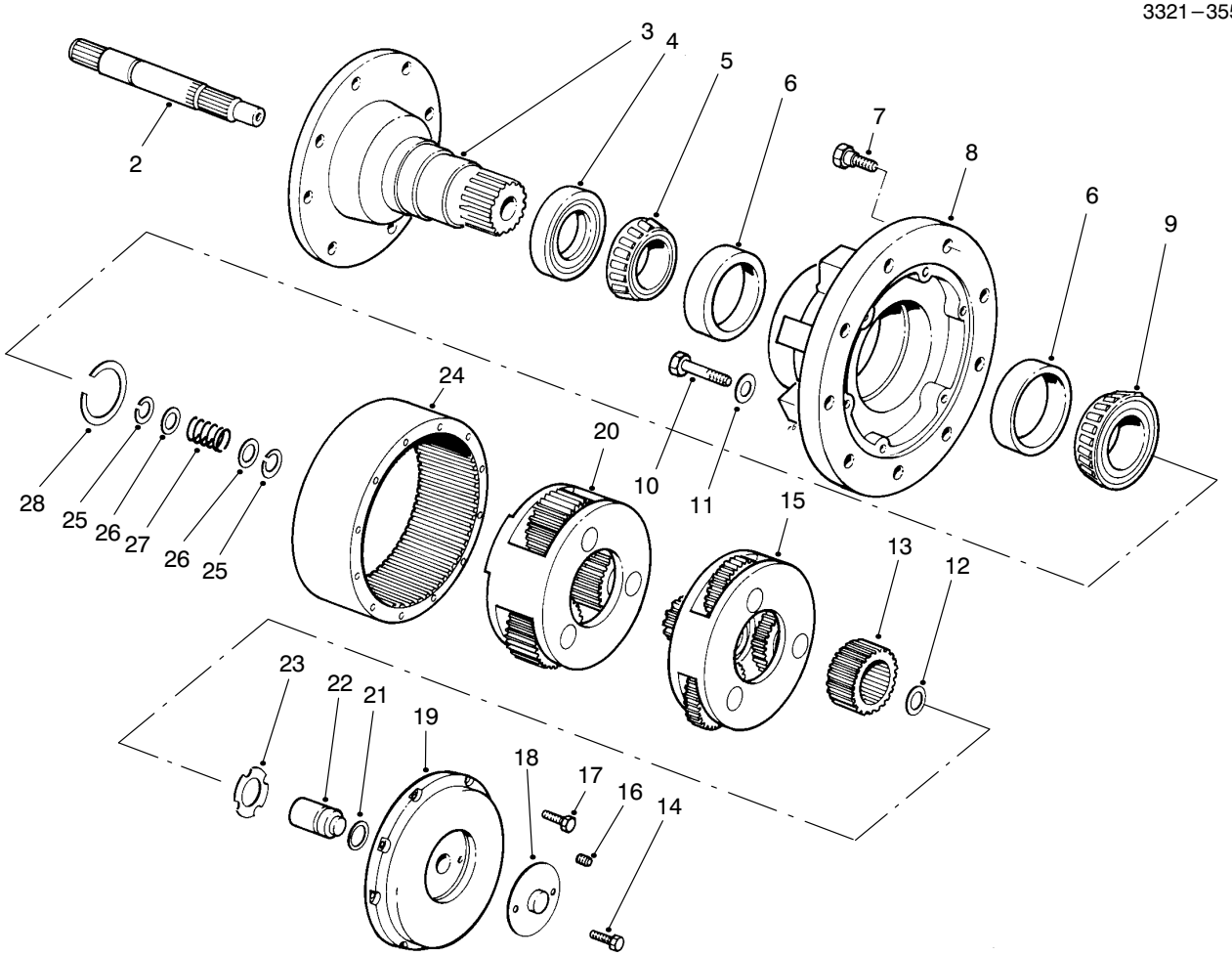


WHEEL MOTOR NO. 69–3050

Ref. No.	Part No.	Description	No. Used
1	69–3150	Screw–HH	10
2	69–3070	Washer–Plain	10
†3		Ring–Retaining	1
†4		Washer	1
†5		Spring–Compression	1
†6		Washer	1
†7		Block–Cylinder	1
†8		Retainer	1
†9		Pin–Slipper Hold Down	3
†10		Guide–Retainer	1
†11		Guide–Slipper	1
†12		Asm–Piston	7
13	69–3500	Bearing–Sleeve	1
14	69–3510	Pin	1
15	76–4610	Cover–Front	1
16	76–4590	Screw	6
17	69–3200	Ring–Retaining	2
18	69–3190	Seal–Lip	1
19	69–3170	Ring–Retaining	2
20	69–3210	Bearing–Ball	1
21	69–3960	Screw	1
22	69–3970	Bearing–Journal	2
23	69–3520	Pin–Spring	2

Ref. No.	Part No.	Description	No. Used
24	69–3980	Swashplate–Variable	1
25	69–3950	Shaft–Motor	1
26	76–4600	Gasket–Front Cover	1
27	69–3910	Kit–Cylinder Block (Incl. Ref. #3–12	1
28	69–3990	Plate–Motor Valve	1
29	69–3940	Plug	1
30	69–3450	Pin	1
31	69–3370	Bearing–Needle	1
32	69–3230	Pin–Spring	1
33	69–3130	Plug–Hole	1
†36		Housing	1
37	69–4020	Piston–Servo	1
38	69–3560	O–Ring	2
39	69–3570	Ring–Piston	2
40	69–4030	Spring–Servo	1
41	69–3710	Gasket–Servo Cover	2
42	69–4040	Stop–Servo Piston	1
43	69–3720	Cover–Servo	2
44	95–4400	Washer–Backup	1
*	69–3920	Kit–Piston Ring & O–Ring (Incl. Ref. #38 & 39)	1

* Not Illustrated
† Not Serviceable Separately



T–0140–2

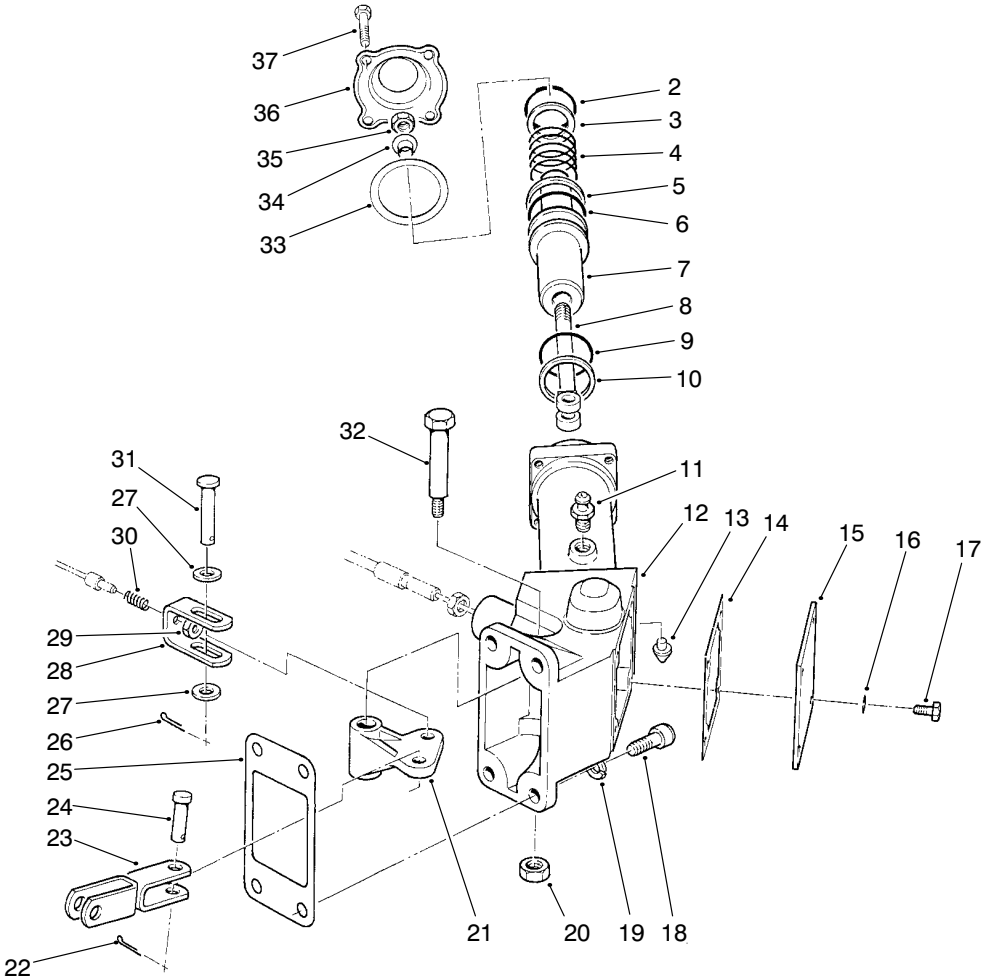
PLANETARY GEAR ASSEMBLY NO. 69–1730

Ref. No.	Part No.	Description	No. Used
2	60–3810	Shaft–Input	1
3	69–1740	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–HH	6
11	60–3910	Washer–Flat	6
12	60–3980	Washer–Thrust	1
13	60–3970	Gear–Primary Sun	1
14	60–4070	Bolt–HH	2
15	60–3960	Asm–Primary Carrier	1

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

* Not Illustrated

† Includes 7 diffeent thickness retaining rings for service adjustment of bearings.



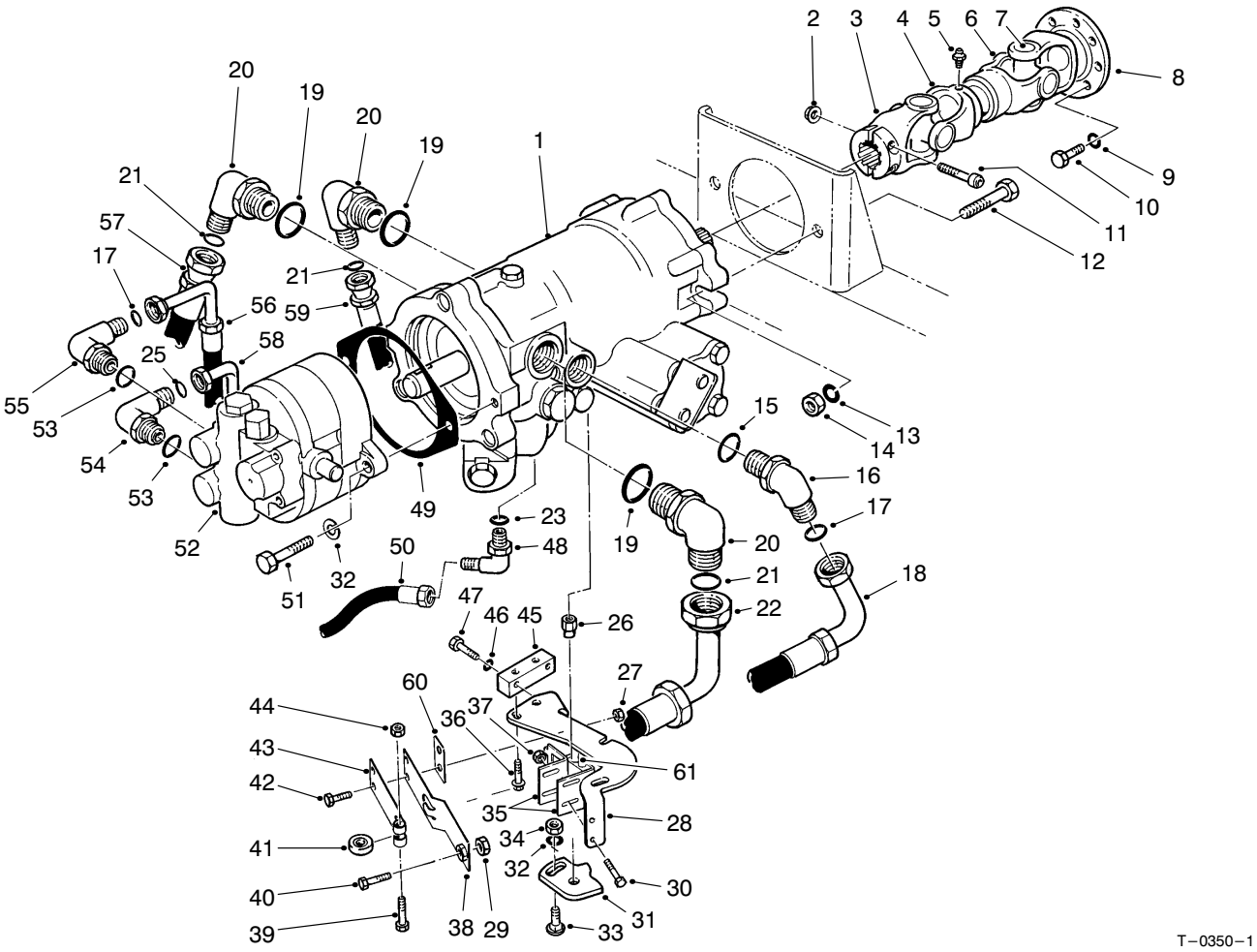
T−1277−1

WHEEL BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	32151−100	Ring−Retaining	2
3	69−8910	Washer	2
4	82−7850	Spring−Compression	2
5	354−104	Ring−Backup	2
6	237−175	O−Ring	2
7	82−7840	Piston−Brake	2
8	21−2070	Yoke−End	2
9	237−174	O−Ring	2
10	354−105	Ring−Backup	2
11	82−7830	Screw−Bleed, Brake	2
12	92−8003	Housing−Actuator, RH	1
*	92−8004	Housing−Actuator, LH	1
13	82−7820	Seat−Brake, Tube	2
14	71−3870	Gasket	2
15	71−3850	Cover−Housing	2
16	3253−3	Washer−Lock	8
17	321−2	Screw−HH	8
18	3274−7	Screw−HSH	8
19	3253−21	Washer−Lock	8

Ref. No.	Part No.	Description	No. Used
20	32128−25	Nut−HHF	2
21	71−3830	Bellcrank−Brake	2
22	3272−6	Pin−Cotter	2
23	71−3880	Clevis−Brake Cable	2
24	283−2	Pin−Clevis	2
25	71−3900	Gasket	2
26	3272−10	Pin−Cotter	2
27	3256−24	Washer−Flat	4
28	71−3860	Clevis	2
29	3296−3	Nut−Lock	2
30	69−0030	Spring−Compression	2
31	283−15	Pin−Clevis	2
32	12−8900	Bolt−Shoulder	2
33	93−7417	Gasket	2
34	71−3910	Collar	2
35	3296−59	Nut−Lock	2
36	93−7418	Cap−Actuator	2
37	321−6	Screw−HH	8

* Not Illustrated

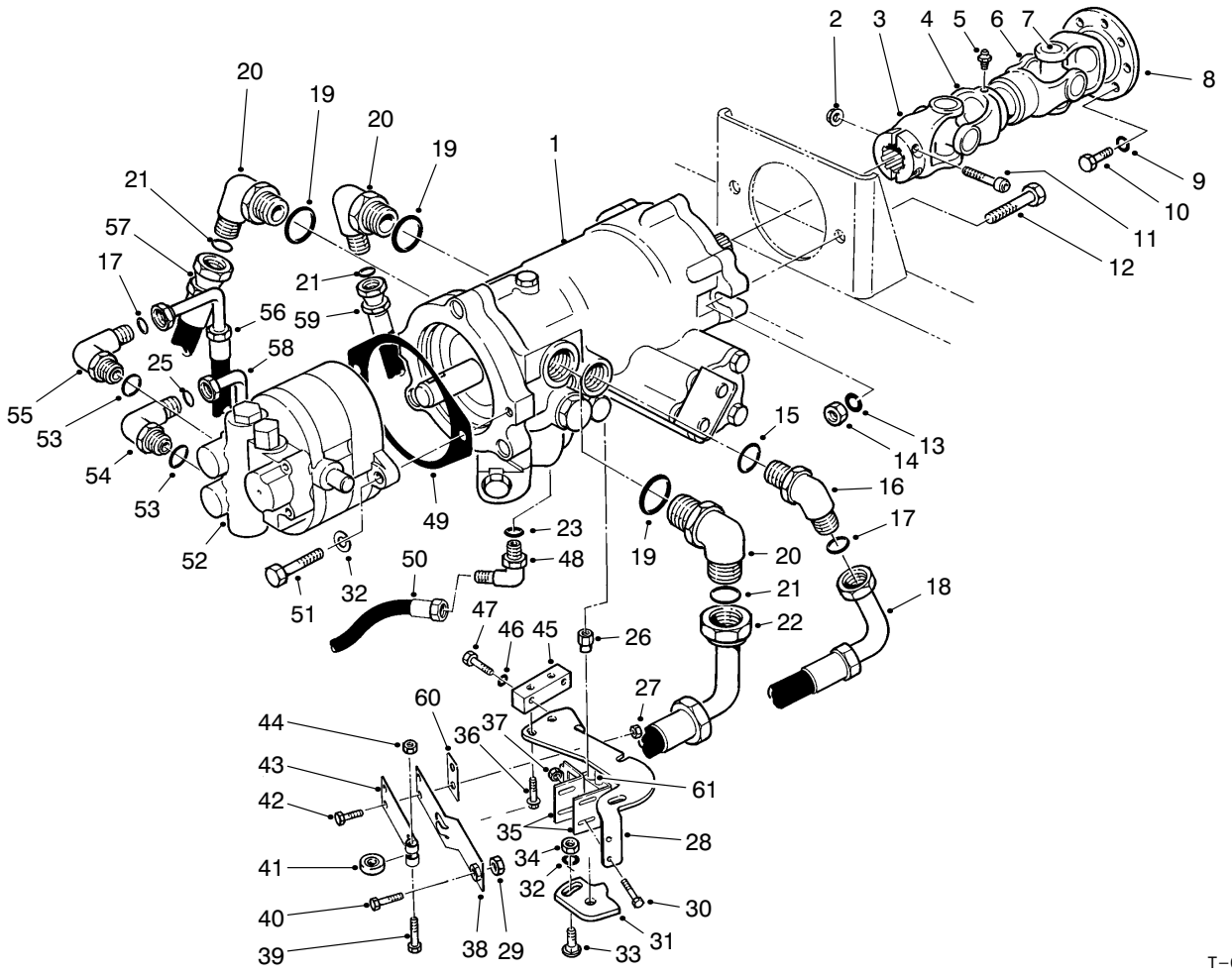


T–0350–1

VARIABLE DISPLACEMENT PUMP INSTALLATION

Ref. No.	Part No.	Description	No. Used
1	93–9322	Variable Displacement Pump	1
2	32128–21	Nut–HHF	2
3	93–7189	Yoke–Pump End	1
4	98–0836	Tube–Slip Yoke	1
5	302–2	Fitting–Grease	1
6	93–7188	Shaft –Slip Yoke	1
7	93–7190	Kit–Universal Joint	2
8	98–0835	Yoke–Engine End	1
9	3253–6	Washer–Lock	6
10	56–2140	Screw–HH	6
11	3274–20	Screw–HSH	2
12	325–7	Screw–HH	2
13	3253–7	Washer–Lock	2
14	3217–9	Nut–Hex.	2
15	237–81	O–Ring	1
16	340–131	Fitting–Hydraulic Elbow (Incl. Ref. #15 & 17)	1
17	237–30	O–Ring	2
18	69–5460	Hose–Hydraulic	1
19	237–146	O–Ring	3
20	340–15	Fitting–Hydraulic Elbow (Incl. Ref. #19 & 21)	3
21	237–58	O–Ring	3
22	69–5650	Hose–Hydraulic	1
23	237–42	O–Ring	1
25	237–22	O–Ring	1
26	69–9020	Nut–Special	1

Ref. No.	Part No.	Description	No. Used
27	32152–4	Nut–Lock	2
28	69–9480	Bracket–Neutral Device	1
29	3219–2	Nut–Hex.	1
30	32144–1	Screw–HH	2
31	69–9040	Cam–Neutral Device	1
32	3253–21	Washer–Lock	3
33	3231–30	Bolt–CARR	1
34	3217–7	Nut–Hex.	1
35	93–9337	Bracket–Switch	1
36	3234–13	Screw–HFH	4
37	32127–11	Nut–Flexlok	2
38	29–6170	Asm–Leaf Spring	1
39	322–17	Screw–HH	1
40	3210–7	Screw–HH	1
41	251–259	Bearing–Neutral Detent	1
42	321–4	Screw–HH	2
43	29–6150	Spring–Leaf	1
44	32153–3	Nut–Lock	1
45	69–9050	Bar–Neutral Device	1
46	3253–3	Washer–Lock	2
47	321–10	Screw–HH	2
48	340–134	Fitting–Hydraulic Elbow (Incl. Ref. #23)	1
49	41–8760	Gasket–Pump	1
50	93–7424	Hose–Hydraulic	1
51	323–7	Screw–HH	2
52	69–2220	Pump/Valve	1

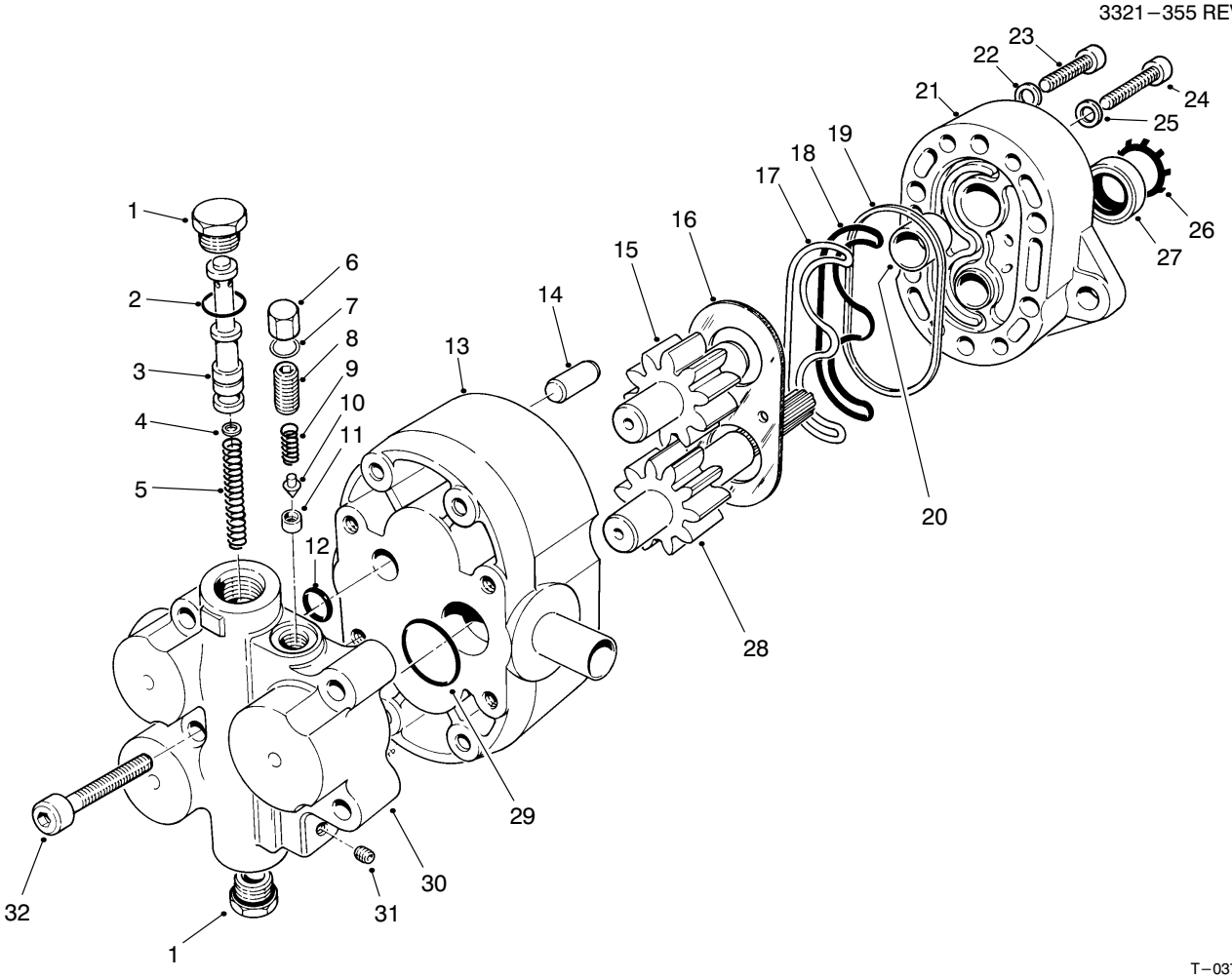


VARIABLE DISPLACEMENT PUMP INSTALLATION (Cont.)

Ref. No.	Part No.	Description	No. Used
53	327−80	O−Ring	2
54	340−130	Fitting−Hydraulic Elbow (Incl. Ref. #25 & 53)	1
55	340−105	Fitting−Hydraulic Elbow (Incl. Ref. #17 & 53)	1
56	69−5450	Hose−Hydraulic	1
57	69−5470	Hose−Hydraulic	1

Ref. No.	Part No.	Description	No. Used
58	69−5440	Hose−Hydraulic	1
59	69−5480	Hose−Hydraulic	1
60	51−3150	Shim−Spring	A/R
61	93−7037	Switch	1
*	98−0819	Asm−Pump Drive Shaft (Incl. Ref. #3−8)	1

* Not Illustrated



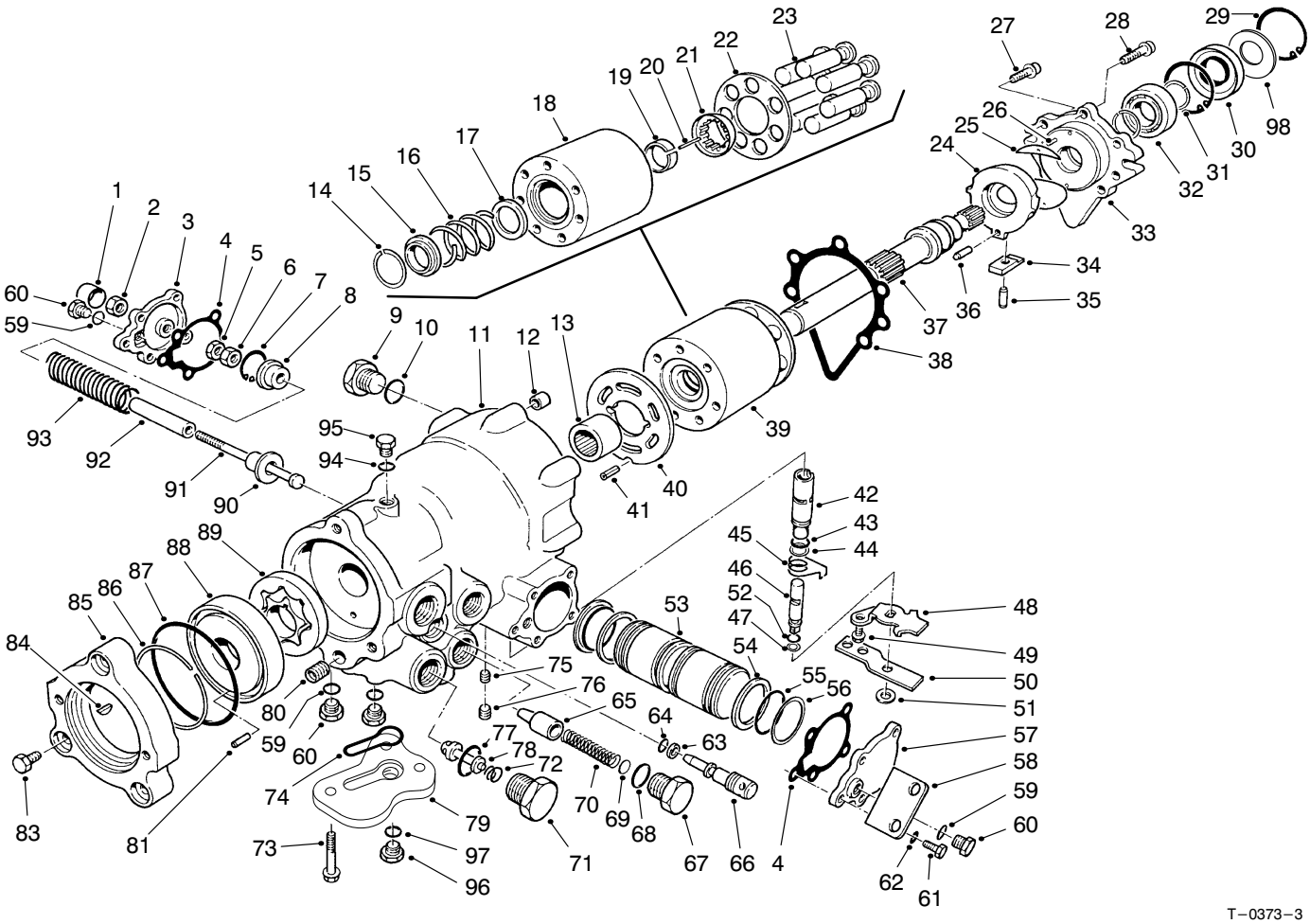
T−0374−1

GEAR PUMP & FLOW DIVIDER NO. 69−2220

Ref. No.	Part No.	Description	No. Used
1	69−2410	Plug (Incl. Ref. #2)	2
2	69−2420	O−Ring	2
3	69−2450	Piston	1
4	69−2440	Orifice	1
5	69−2430	Spring−Compression	1
6	69−2460	Cap	1
7	69−2470	Gasket−Cap	1
8	69−2480	Screw−Set	1
9	69−2490	Spring−Compression	1
10	69−2500	Poppet	1
11	69−2510	Seat	1
12	69−2530	O−Ring	1
13	69−2540	Asm−Cover (Incl. Ref. #20)	1
14	69−2340	Pin−Dowel	2
15	69−2280	Shaft/Gear−Idler	1
16	69−2320	Plate−Wear	1
17	69−2260	Seal−Load	1
18	69−2270	Seal−Pre−Load	1
19	69−2350	Ring−Sealing	1

Ref. No.	Part No.	Description	No. Used
20	69−2250	Bearing−Sleeve	4
21	69−2330	Asm−Body (Incl. Ref. #20)	1
22	69−2370	Washer	4
23	69−2360	Screw	4
24	69−2380	Screw	4
25	69−2390	Washer	4
26	69−2300	Ring−Retaining	1
27	69−2310	Seal−Shaft	1
28	69−2290	Shaft/Gear−Drive	1
29	69−2400	O−Ring	1
30	69−2230	Asm−Flow Divider (Incl. Ref. #1−11 & 31)	1
31	69−2520	Plug−Pipe	1
32	69−2240	Screw	4
*	69−2550	Kit−Repair, Pump (Incl. Ref. #16−19, 22 & 25−27)	1
*	69−2560	Kit−Repair, Pump & Divider Incl. Ref. #2, 7, 9−10, 12, 16−19, 22, 25−27 & 29)	1

* Not Illustrated



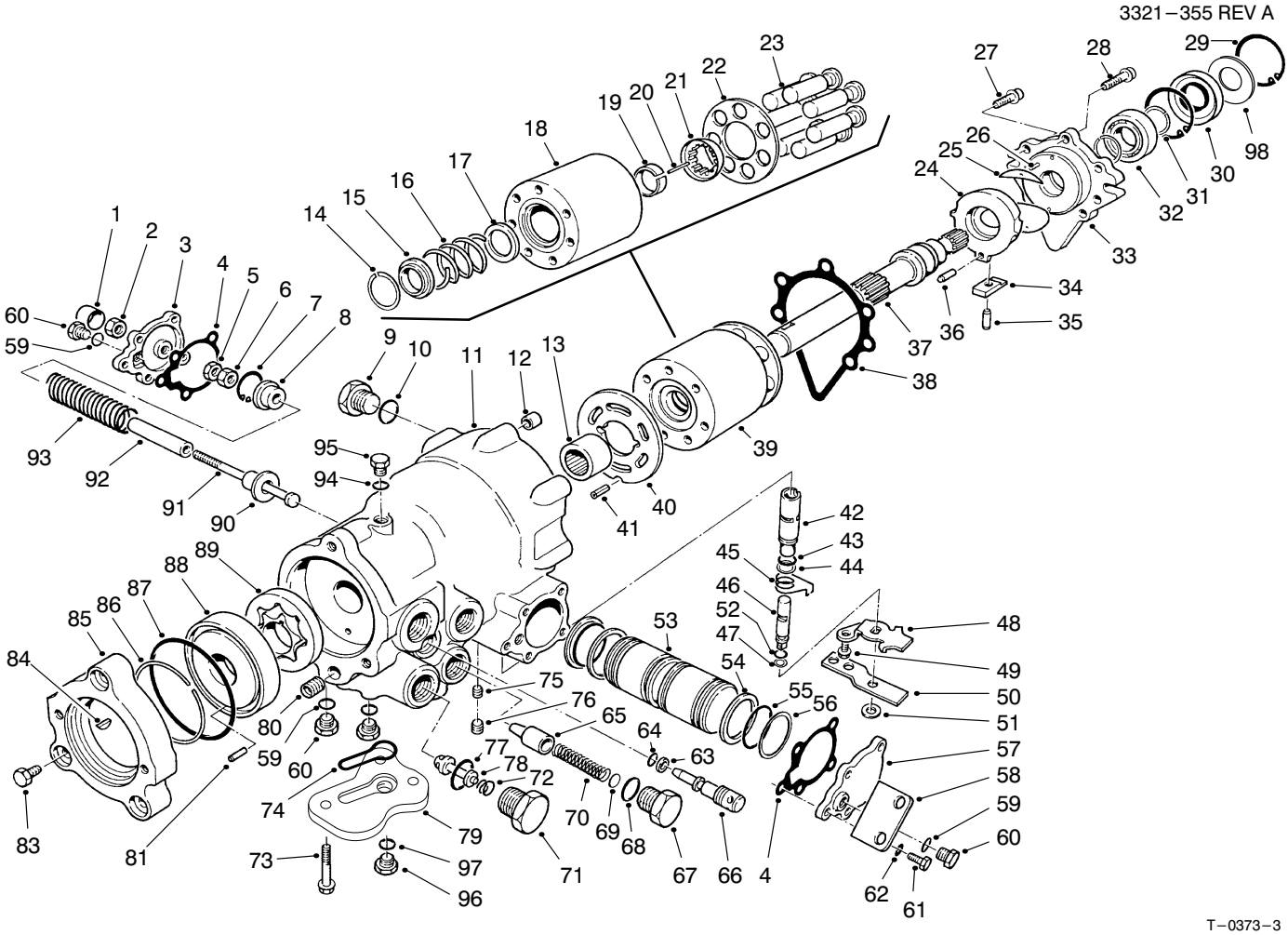
T–0373–3

VARIABLE DISPLACEMENT PUMP NO. 93–9322

Ref. No.	Part No.	Description	No. Used
1	69–3620	Cover–Servo Adjustment	1
2	69–3630	Nut Special	1
3	69–3640	Cover–Servo	1
4	69–3710	Gasket–Servo	2
5	69–3610	Nut–Jam	1
6	69–3600	Nut–Hex.	1
7	69–3590	Ring–Retaining	1
8	69–3580	Guide–Spring	1
9	69–3130	Plug (Incl. Ref. #10)	1
†10		O–Ring	1
†11		Housing–Pump	1
12	69–3230	Pin–Spring	1
13	69–3370	Bearing–Needle	1
†14		Ring–Retaining	1
†15		Washer	1
†16		Spring–Compression	1
†17		Washer	1
†18		Block–Cylinder	1
†19		Retainer	1
†20		Pin–Slipper Hold Down	3
†21		Guide–Retainer	1
†22		Guide–Slipper	1
†23		Asm–Piston	7
24	69–3250	Swashplate–Variable	1
25	69–3240	Bearing–Journal	2
26	94–2878	Pin	2
27	76–4590	Screw	6

Ref. No.	Part No.	Description	No. Used
28	69–3220	Screw	1
29	69–3200	Ring–Retaining	2
30	69–3190	Seal–Lip	1
31	69–3170	Ring–Retaining	2
32	69–3210	Bearing–Ball	1
33	76–4610	Cover	1
34	69–3500	Sleeve–Bearing	1
35	69–3510	Pin	1
36	69–3470	Pin	1
37	69–3180	Shaft Pump	1
38	76–4600	Gasket–Cover	1
39	69–3910	Asm–Cylinder Block (Incl. Ref #14–23)	1
40	93–9320	Plate–Valve LH	1
41	69–3450	Pin	1
42	69–3820	Sleeve–Control Valve	1
43	28–3590	O–Ring	1
44	28–3580	Ring–Back Up	1
45	69–3880	Spring–Neutral Return	1
46	69–3830	Spool–Rotary Valve	1
47	25–2630	Ring Back Up	1
48	69–3890	Bracket–Neutral Return	1
49	69–3860	Screw–HFH	1
50	69–3870	Handle–Control Valve	1
51	69–3900	Washer	1
52	69–3840	O–Ring	1
53	69–3650	Piston–Servo	1

† Not Serviceable Separately

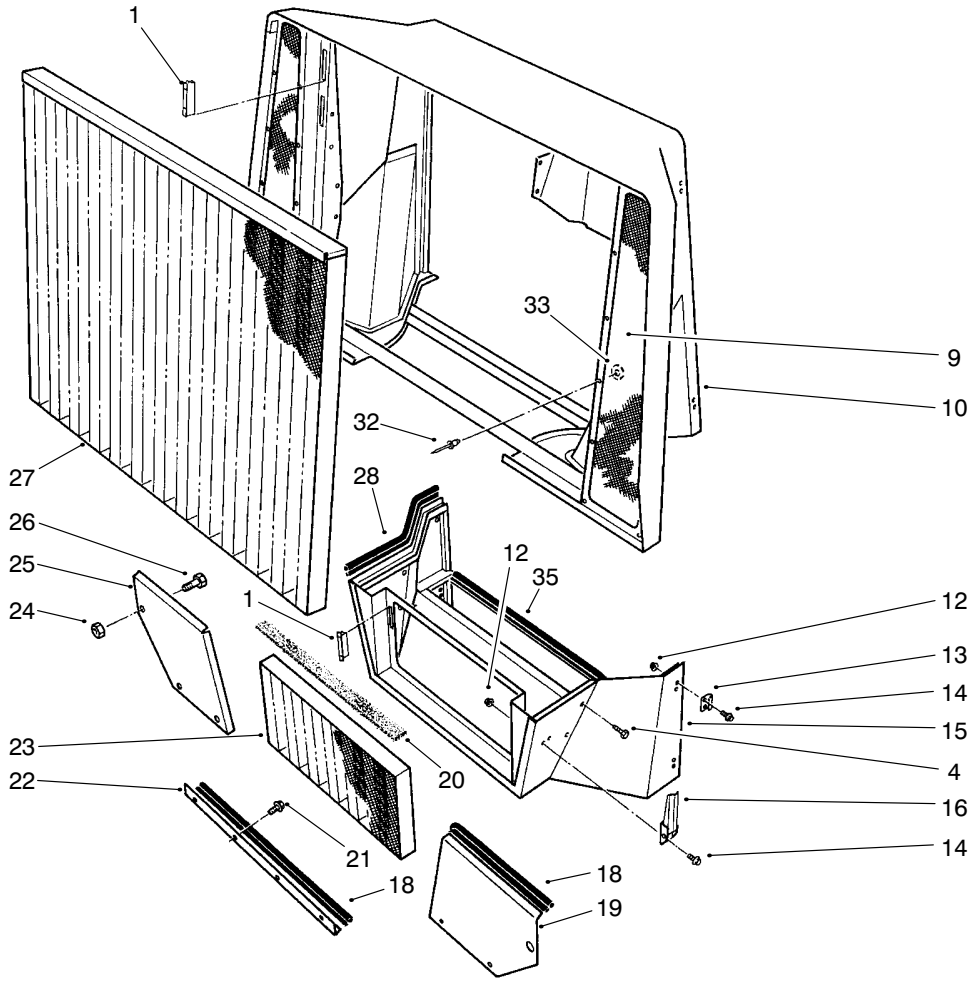


VARIABLE DISPLACEMENT PUMP NO. 93–9322 (Cont.)

Ref. No.	Part No.	Description	No. Used
54	69–3690	Bearing	2
55	69–3560	O–Ring	2
56	69–3570	Ring–Piston	2
57	69–3720	Cover Servo	1
58	69–3140	Bracket–Lifting	1
†59		O–Ring	4
60	69–3080	Plug (Incl. Ref. #59)	4
61	69–3150	Screw–HH	10
62	69–3070	Washer–Lock	10
63	25–2630	Ring–Back Up	1
64	237–22	O–Ring	1
65	69–3800	Valve	1
66	69–3810	Valve–By Pass	1
67	69–3780	Plug (Incl, Ref. #68)	1
68	237–80	O–Ring	1
69	69–3770	Shim	1
70	69–3790	Spring Compression	1
71	69–3760	Plug–Special (Incl. Ref. #77)	2
72	69–3740	Spring–Compression	2
73	94–9413	Screw	3
74	94–9412	Seal–Adapter	1
75	93–9321	Plug–Orifice	1

Ref. No.	Part No.	Description	No. Used
76	285–17	Plug–Pipe	2
77	69–3750	O–Ring	2
78	69–3730	Valve–Relief (Incl. Ref. #71, 72 & 77)	2
79	94–9414	Adapter–Suction	1
80	69–3460	Plug Expansion	1
81	69–3550	Pin	1
83	69–3400	Screw–HH	3
84	69–3430	Key–Woodruff	1
85	69–3410	Adapter–A Flange	1
86	69–3420	Ring–Temper Load	1
87	69–3440	O–Ring	1
88	69–3540	Cover–Gerotor	1
89	69–3390	Asm–Gerotor	1
90	69–3700	Guide–Spring	1
91	69–3660	Screw–Special	1
92	69–3680	Stop–Servo	1
93	69–3670	Spring–Compression	1
†94		O–Ring	1
95	69–3120	Plug (Incl, Ref. #94)	1
96	94–9415	Plug (Incl. Ref. #97)	1
†97		O–Ring	1
98	95–4400	Washer–Backup	1

† Not Serviceable Separately

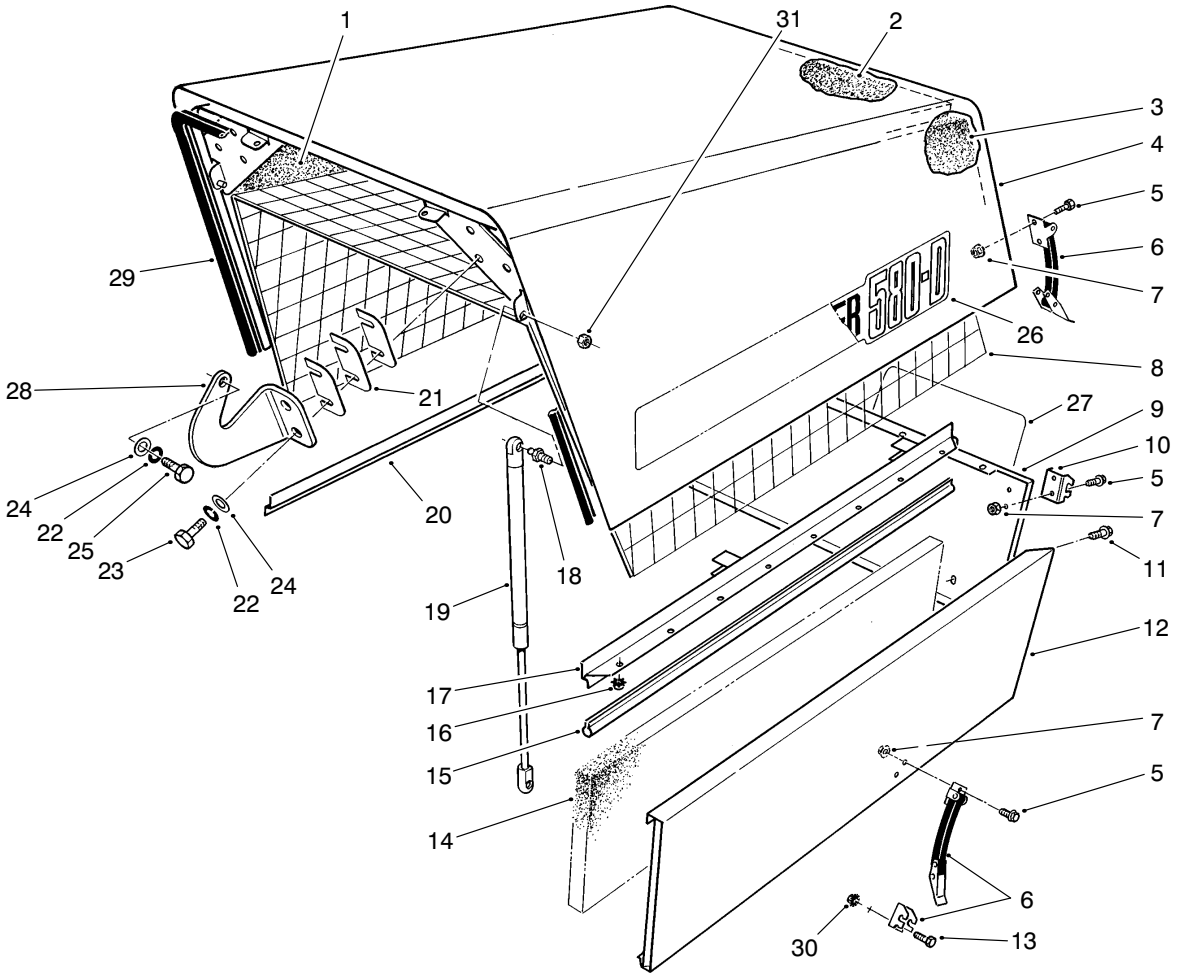


T−2813−1

COWL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	58−4250	Magnet	6
9	69−9650	Screen−Cowl	2
10	98−2365	Cowl−Radiator	1
12	3296−2	Nut−Lock	20
13	69−3030	Strike−Latch	8
14	3290−321	Screw−HWH	20
15	69−8690	Support−Grille	1
16	69−3020	Handle−Latch	2
18	69−9721	Strip−Sealing	3
19	75−9460	Bracket−Sealing LH	1
20	69−0040	Foam−Lower Grille	1

Ref. No.	Part No.	Description	No. Used
21	32144−11	Screw−HFH	8
22	75−9480	Bracket−Sealing Bottom	1
23	69−7150	Grille−Lower	1
24	32153−6	Nut Lock	2
25	75−9470	Bracket−Sealing RH	1
26	328−11	Screw−HH	2
27	69−7120	Grille−Upper	1
28	69−9720	Strip−Sealing	2
32	3269−15	Rivet−Pop	22
33	3269−6	Washer−Backup	22
35	69−9722	Trim−Sealing	1

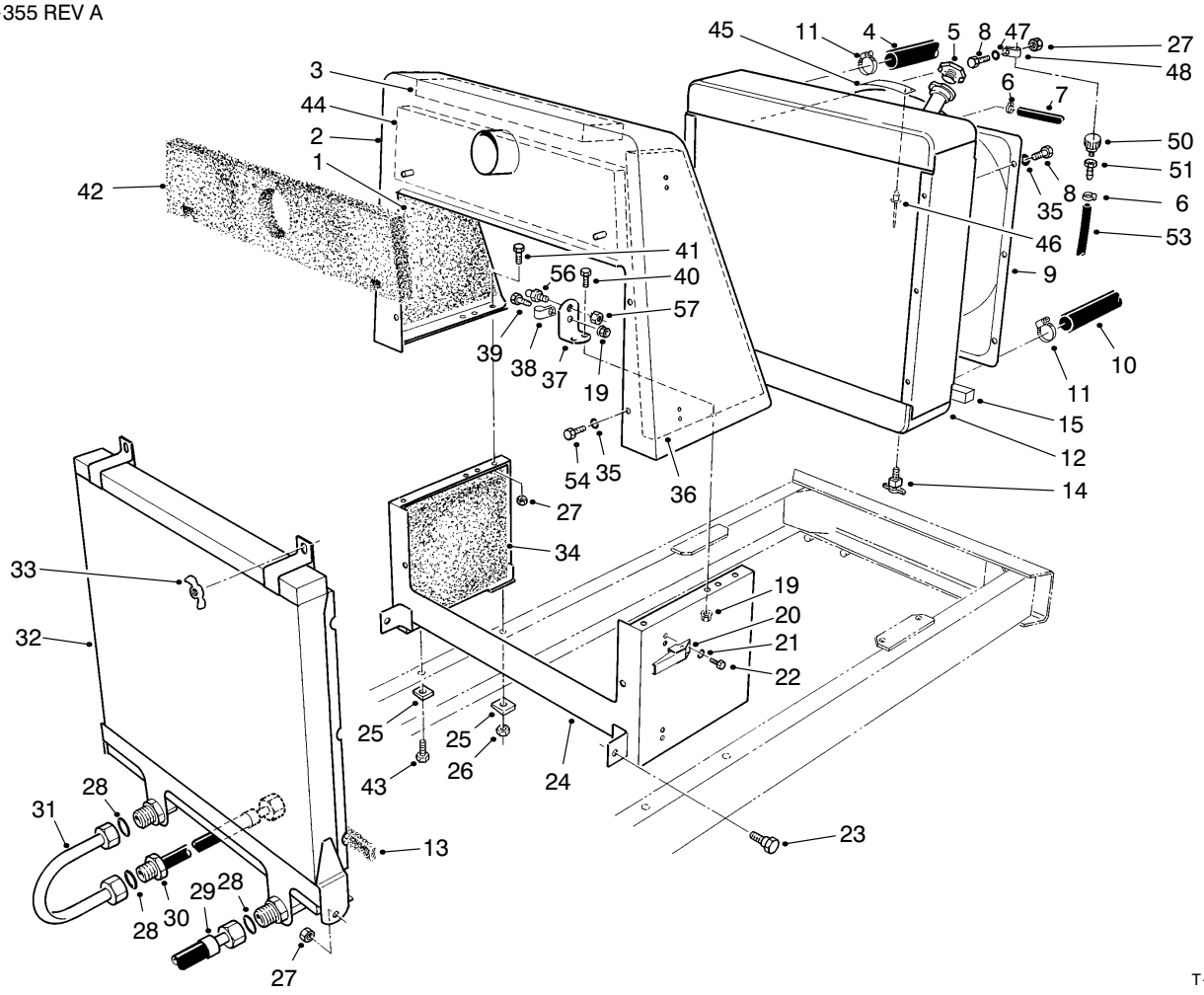


HOOD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	71−0270	Foam−Hood Side RH	1
2	71−0250	Foam−Hood Top	1
3	71−0260	Foam−Hood Side LH	1
4	92−1772	Asm−Hood (Incl. Ref.#1−4, 8, 15−17, 20, 26 & 29)	1
5	3290−321	Screw−HH	12
6	69−3010	Strap−Hold Down (Incl. Ref. #10)	4
7	3296−2	Nut−Lock	12
8	71−0060	Support−Foam	1
9	69−9520	Panel−Rear	1
†10		Latch−Hold−Down	4
11	3234−14	Screw−HH	6
12	69−1390	Panel−Side LH	1
*	69−1380	Panel−Side RH	1
13	3290−134	Screw−HH	4
14	71−0400	Foam−Side Panel	2

Ref. No.	Part No.	Description	No. Used
15	69−9723	Seal−Hood Bottom	2
16	32149−2	Nut−Keps	16
17	69−8230	Bracket−Trim LH	1
18	88−6770	Stud−Ball	2
19	88−6760	Spring−Gas	2
20	69−8250	Bracket−Trim R.H	1
21	69−8500	Shim−Hinge Bracket	6
22	3253−21	Washer−Lock	6
23	323−6	Screw−HH	4
24	3256−24	Washer−Flat	6
25	323−4	Screw−HH	2
26	69−0950	Decal−580D	2
27	66−6140	Decal−TORO	1
28	98−3026	Bracket−Hinge	2
29	69−9724	Seal−Hood Front	1
30	32149−7	Nut	4
31	32152−1	Nut	2

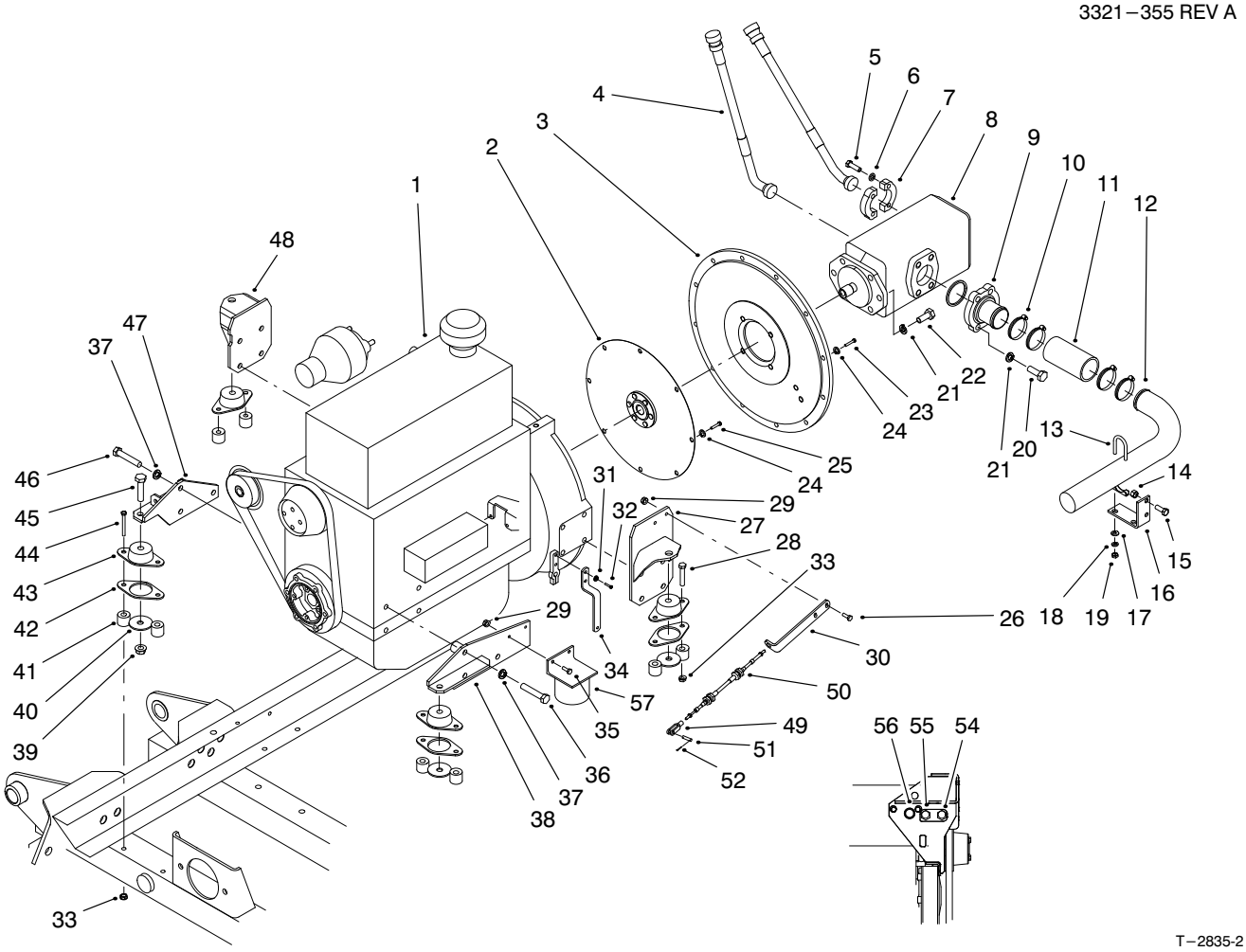
* Not Illustrated
† Not Serviceable Separately



RADIATOR & OIL COOLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	71−0350	Foam−Rad. Support RH	1
2	69−8590	Support−Radiator Upper	1
3	71−0360	Foam−Rad. Support Top	1
4	98−7320	Hose−Upper Radiator	1
5	66−3241	Cap−Radiator	1
6	2412−108	Clamp−Hose	2
7	23−2140	Hose−Radiator Vent	1
8	323−34	Screw−HH	7
9	98−7318	Shroud−Fan (Incl. Ref. #45 & 46)	1
10	95−6456	Hose−Lower Radiator	1
11	2412−92	Clamp−Hose	4
12	98−7311	Radiator	1
13	71−0210	Foam−Radiator Seal	1
14	304−46	Valve−Drain	1
15	98−7348	Foam−Seal	2
19	32128−20	Nut−HHF	5
20	69−3020	Latch	8
21	3253−2	Washer−Lock	16
22	3290−321	Screw−HH	16
23	46−3380	Bolt−Shoulder	2
24	69−7100	Support−Radiator Lower	1
25	3290−216	Washer−Bevel	4
26	32153−5	Nut−Lock	4
27	32152−2	Nut−Lock	7
28	340−65	O−Ring	3
29	69−5620	Hose−Hydraulic	1

Ref. No.	Part No.	Description	No. Used
30	69−8450	Hose−Hydraulic (Incl. Ref. #28)	1
31	69−5900	Tube−Hydraulic	1
32	69−1670	Cooler−Oil (Incl. Ref. #28)	1
33	32103−3	Nut−Wing	2
34	71−0370	Foam−Lower Rad. Support	2
35	3253−21	Washer−Lock	12
36	71−0340	Foam−Rad. Support LH	1
37	88−9450	Bracket−Hood Cylinder	2
38	2412−41	Clamp−R	1
39	322−5	Screw−HH	1
40	322−6	Screw−HH	4
41	323−7	Screw−HH	4
42	71−0380	Foam−Rad. Support Front	1
43	325−6	Screw−HH	4
44	71−0390	Foam−Rad. Support Rear	1
45	76−8750	Plate−Caution	2
46	3290−274	Rivet−Pop	4
47	3256−56	Washer−Flat	2
48	2412−147	Clamp−R	1
50	68−6150	Breather	1
51	354−95	Fitting	1
53	71−2680	Hose−Vent	1
54	32144−69	Screw−HWH	6
56	88−6770	Stud−Ball	2
57	32152−1	Nut−Lock	2

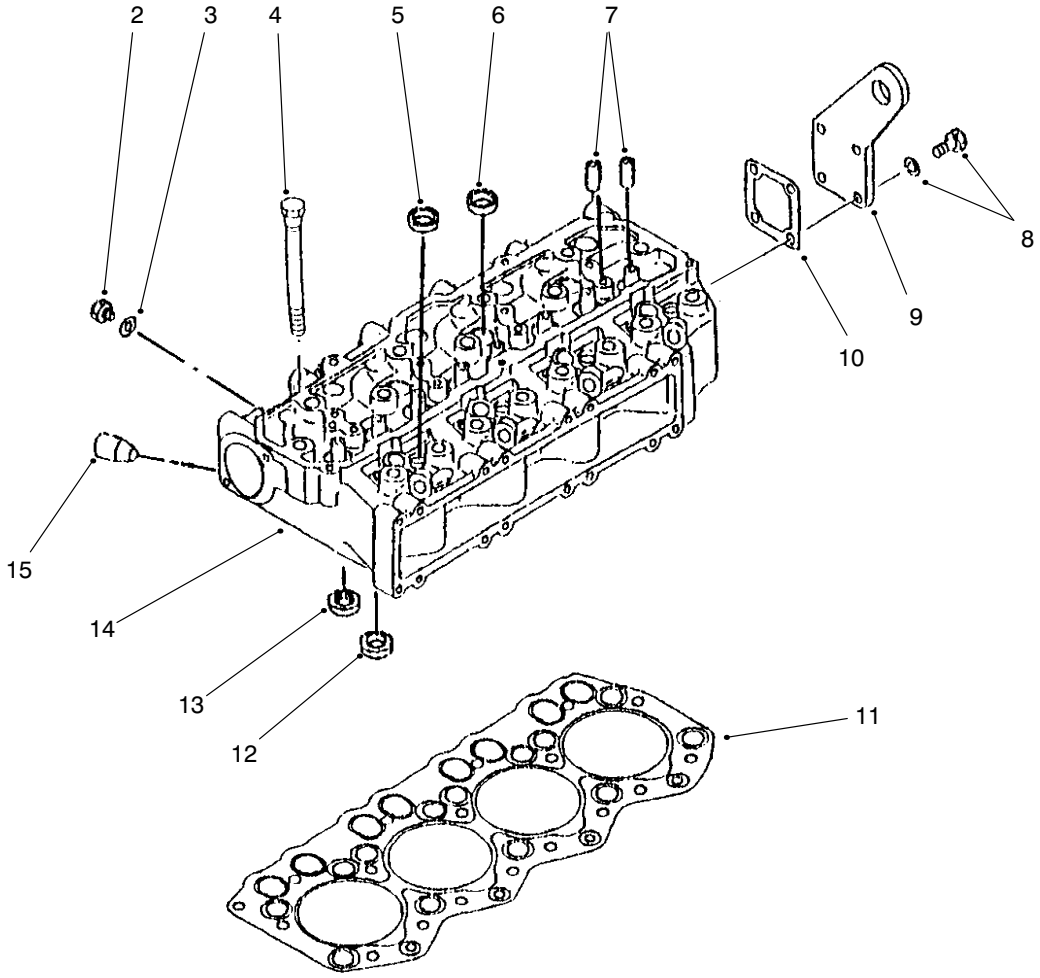


T−2835-2

ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−6499	Asm−Engine	1
2	98−0826	Asm−Coupler	1
3	95−6481	Plate−Pump Adapter	1
4	98−0655	Asm−Hose	2
5	323−7	Screw−HH	8
6	3253−21	Washer−Lock	8
7	353−992	Flange−Split	4
8	69−2050	Pump−Gear, Double	1
9	354−42	Flange−Split, Half	2
10	2412−129	Clamp−Hose	8
11	69−5640	Hose−Suction	2
12	94−1891	Tube−Suction	1
13	20−4840	Clamp−Muffler	2
14	32152−2	Nut−Lock	4
15	323−6	Screw−HH	4
16	69−9220	Bracket−Suction Tube	2
17	3256−23	Washer−Flat	4
18	3253−4	Washer−Lock	4
19	3217−6	Nut−Hex.	4
20	325−6	Screw−HH	8
21	3253−7	Washer−Lock	12
22	3213−2	Screw−HH	4
23	33115−030	Screw−HH	12
24	3253−6	Washer−Lock	20
25	33115−025	Screw−HH	8
26	321−6	Screw−HH	2
27	95−6465	Asm−Mount, LH Rear	1
28	323−10	Screw−HH	8

Ref. No.	Part No.	Description	No. Used
29	32149−2	Nut−Lock	10
30	69−8490	Bracket−Throttle Cable	1
31	3253−3	Washer−Lock	2
32	33113−016	Screw−HH	2
33	32128−21	Nut−HFH	8
34	95−6489	Bracket−Throttle	1
35	321−4	Screw−HH	2
36	33116−050	Screw−HH	3
37	3253−7	Washer−Lock	6
38	95−6470	Asm−Mount LH	1
39	32128−23	Nut−HHF	4
40	98−3023	Washer	4
41	95−6486	Spacer−Mount	8
42	98−0830	Retainer−Mount	4
43	98−3024	Mount−Engine	4
44	323−38	Screw−HH	4
45	325−9	Screw−HH	4
46	33116−030	Screw−HH	3
47	95−6467	Asm−Mount RH	1
48	95−6465	Asm−Mount Rear	1
49	282−28	Clevis−Adjustable	1
50	77−2990	Cable−Throttle	1
51	69−0090	Pin−Throttle	1
52	3272−1	Pin−Cotter	1
54	93−3526	Switch	1
55	67−4510	Gauge Unit	1
56	51−5070	Switch	1
57	69−1750	Asm−Fuel Filter	1



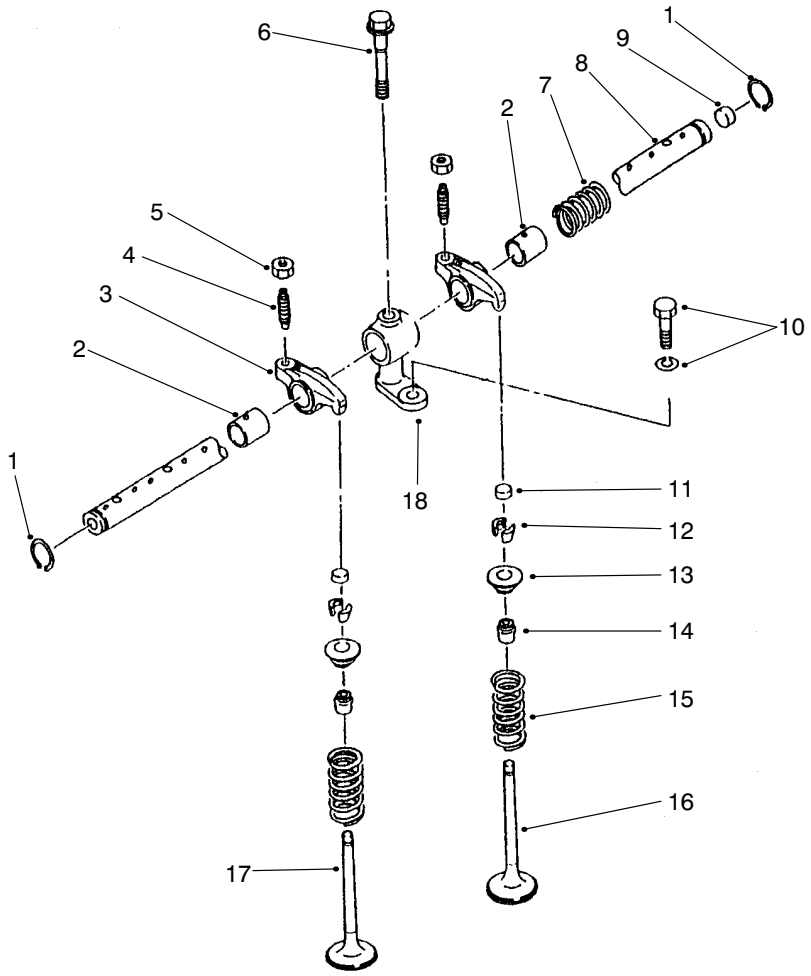
T−2949

CYLINDER HEAD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	99−1812	Plug−Drain	1
3	99−1813	Gasket	1
4	99−1806	Bolt−Cylinder Head	17
5	99−1801	Cap−Sealing 20mm	12
6	99−1802	Cap−Sealing 25mm	7
7	99−1803	Guide−Valve	8
8	99−1811	Bolt−W/Washer	4
9	99−1808	Eye−Lifting, Rear	1
10	99−1809	Gasket−Head, Rear	1

Ref. No.	Part No.	Description	No. Used
11	99−1807	Gasket−Head, Cylinder	1
12	99−1804	Seat−Valve, Inlet	4
13	99−1805	Seat−Valve, Exhaust	4
14		Head−Cylinder	1
15		Plug	1
*	99−1800	Asm−Head, Cylinder (Incl. Ref. #2−3, 5−7 & 12−14)	1

* Not Illustrated



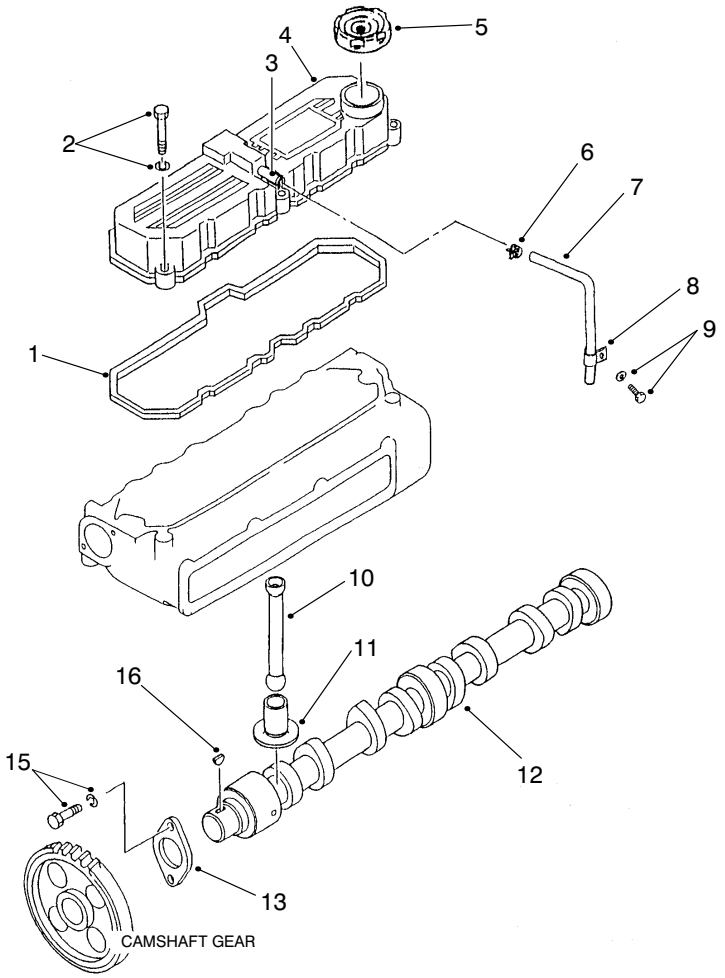
T−2950

VALVE MECHANISM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	99−1822	Ring−Snap	2
2		Bushing−Rocker	8
3		Rocker	8
4	93−3401	Screw−Rocker	8
5	70−2970	Nut−Jam	8
6	99−1824	Bolt−Rocker Bracket	4
7	99−1820	Spring−Rocker	3
8		Shaft−Rocker	1
9		Plug−Shaft, Rocker	2
10	99−1825	Bolt−W/Washer	4
11	51−5280	Cap	8
12	60−7420	Cotter−Valve	16

Ref. No.	Part No.	Description	No. Used
13	99−1816	Retainer−Upper	8
14	99−1817	Seal−Stem, Valve	8
15	51−5320	Spring−Valve	8
16	99−1815	Valve−Exhaust	4
17	99−1814	Valve−Inlet	4
18	99−1823	Bracket−Shaft, Rocker	4
*	99−1818	Asm−Rocker & Shaft (Incl. Ref. #1−9)	1
*	99−1819	Asm−Rocker (Incl. Ref. #2−5)	8
*	99−1821	Asm−Shaft, Rocker (Incl. Ref. #8−9)	1

* Not Illustrated



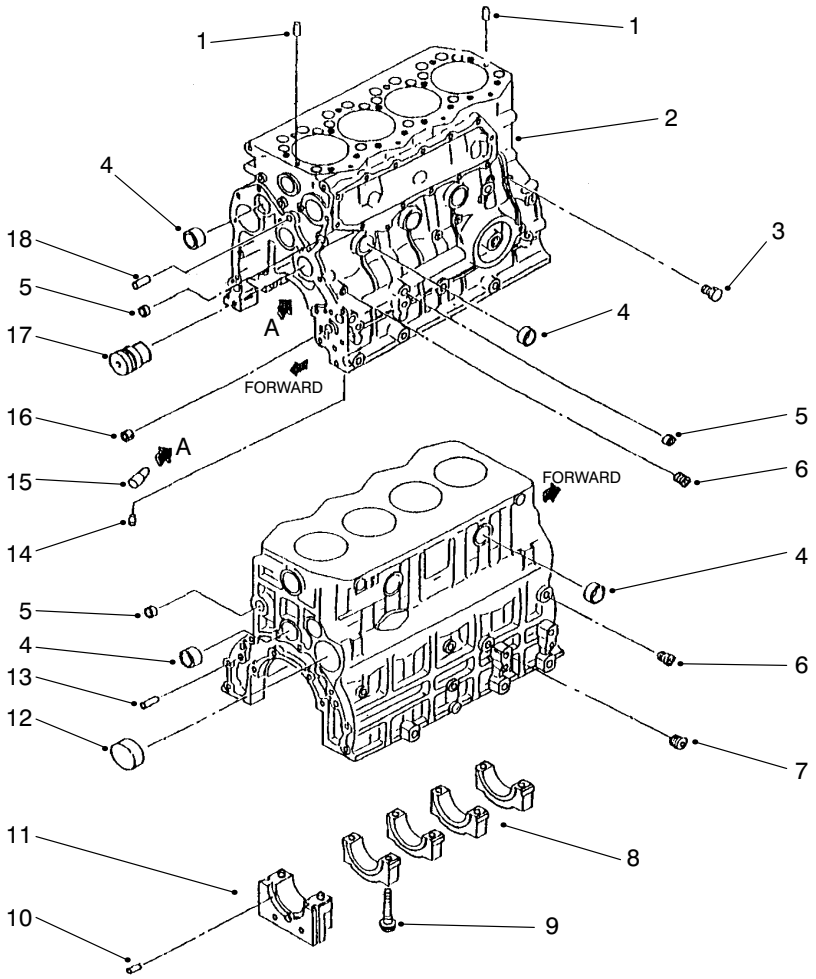
T−2951

ROCKER COVER & CAMSHAFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	99−1827	Gasket−Rocker	1
2	99−1828	Bolt−W/Washer	5
3		Pipe	1
4		Cover−Rocker	1
5	42−7420	Cap−Filter, Oil	1
6	99−1833	Clip−Hose	1
7	99−1834	Hose−Breather	1
8	99−1835	Clip	1
9	99−1836	Bolt−W/Washer	1

Ref. No.	Part No.	Description	No. Used
10	99−1832	Rod−Push	8
11	99−1831	Tappet	8
12	99−1829	Camshaft	1
13	60−7390	Plate−Thrust	1
15	99−1830	Bolt−W/Washer	2
16	51−5460	Key−Woodruff	1
*	99−1826	Asm−Cover, Rocker (Incl. Ref. #3−4)	1

* Not Illustrated



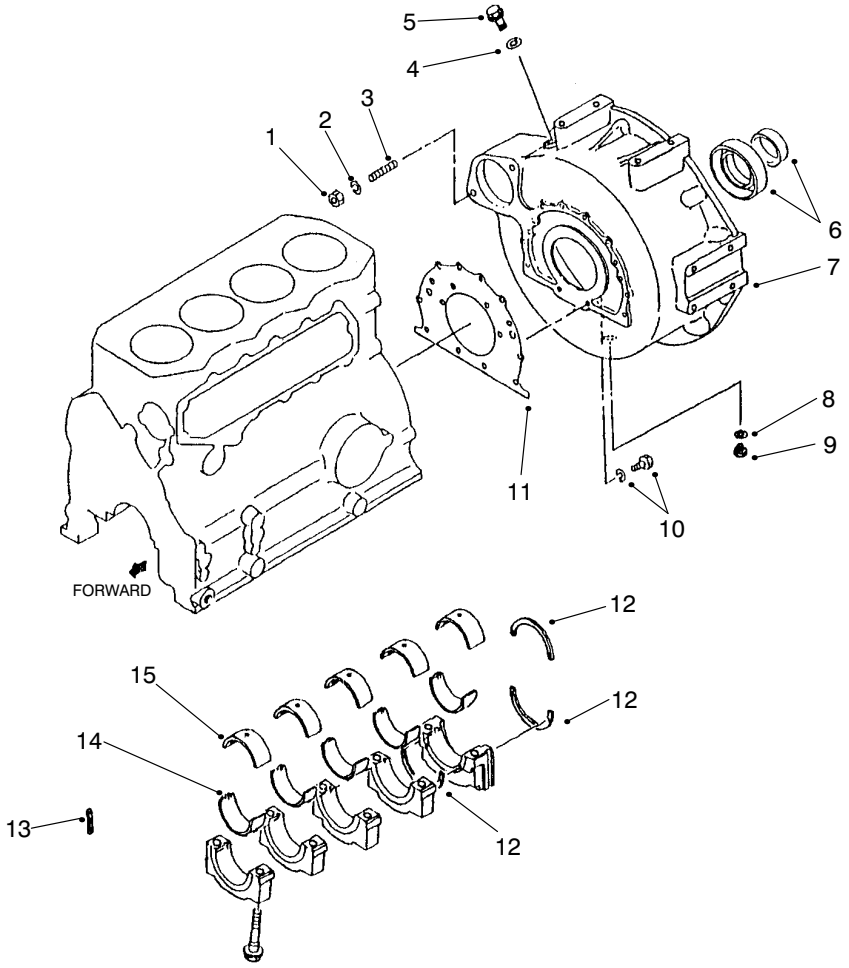
T−2952

CRANKCASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−3365	Pin−Dowel	2
2		Crankcase	1
3	99−1845	Plug−Taper	1
4	51−5600	Cap−Sealing	10
5	70−3370	Cap−Sealing	6
6	67−2570	Plug−Taper	5
7	56−0100	Plug−Taper	1
8		Cap−Bearing	4
9	99−1838	Bolt−Cap, Bearing	10
10	99−1842	Pin−Spring	6

Ref. No.	Part No.	Description	No. Used
11		Cap−Bearing	1
12	99−1840	Plug−Cam	1
13	70−3000	Pin−Dowel	2
14		Plug	3
15	99−1839	Valve−Check	4
16	99−1843	Bushing	1
17	99−1844	Shaft−Idler	1
18	99−1841	Pin−Dowel	1
*	99−1837	Asm−Crankcase (Incl. Ref. #1−18)	1

* Not Illustrated



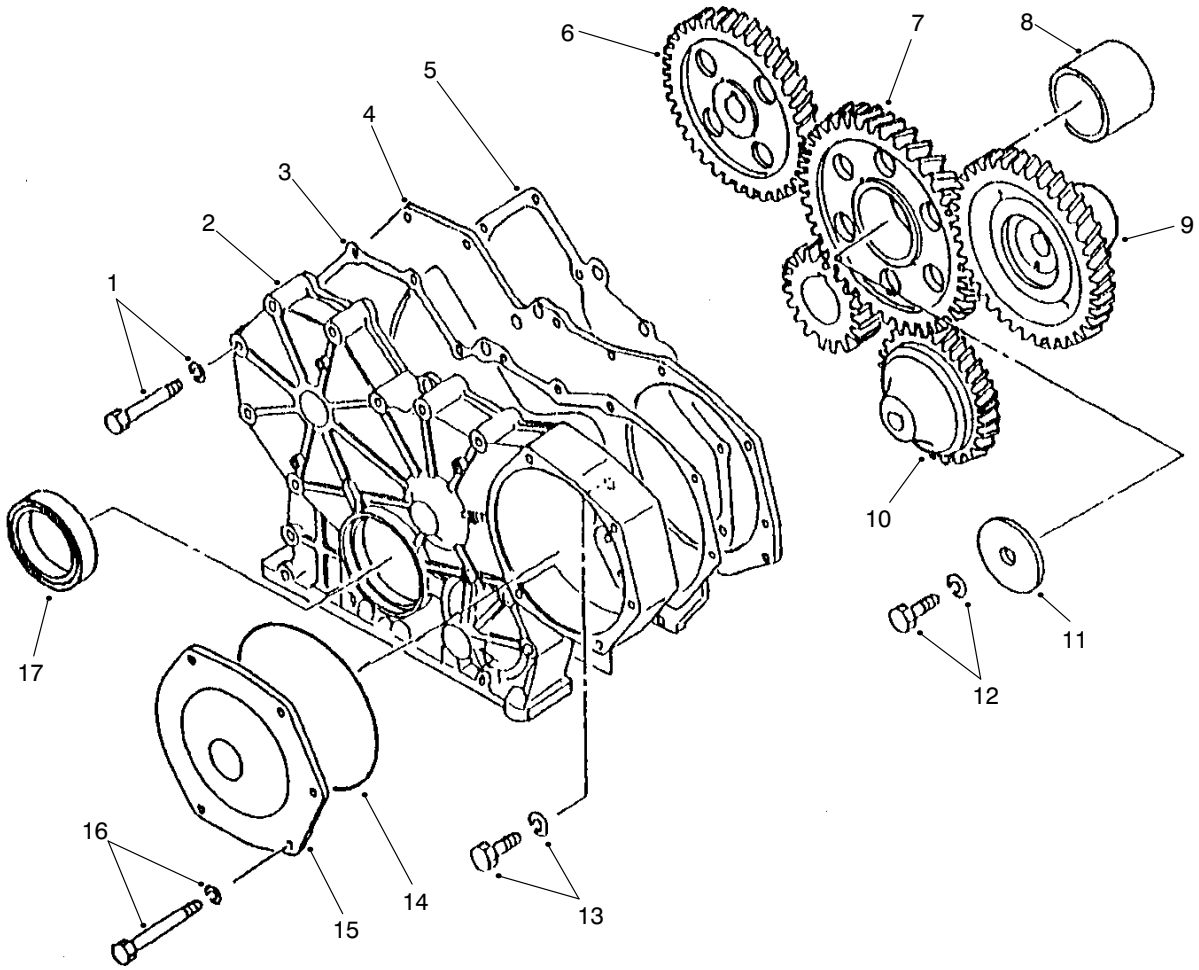
T−2953

FLYWHEEL HOUSING & MAIN METAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	51−8670	Nut−Lock	2
2	51−6390	Washer−Spring	2
3	99−1858	Stud	2
4	99−1813	Gasket	1
5	99−1812	Plug−Drain	1
6	60−7430	Seal−Oil	1
7	99−1854	Housing−Flywheel	1
8	42−7290	Gasket	1
9	67−2520	Plug−Drain	1
10	99−1856	Bolt−W/Washer	10
10	99−1857	Bolt−W/Washer	2
11	99−1855	Gasket−Rear	1
12	99−1850	Plate−Thrust Std.	3

Ref. No.	Part No.	Description	No. Used
12	99−1851	Plate−Thrust O.S. 0.15	1
12	99−1852	Plate−Thrust O.S. 0.30	1
13	99−1853	Seal−Side	2
14		Set−Metal, Main	5
15		Set−Metal, Main	5
*	99−1846	Set−Metal, Main Std. (Incl. Ref. #14−15)	1
*	99−1847	Set−Metal, Main U.S. 0.25 (Incl. Ref. #14−15)	1
*	99−1848	Set−Metal, Main U.S. 0.50 (Incl. Ref. #14−15)	1
*	99−1849	Set−Metal, Main U.S. 0.75 (Incl. Ref. #14−145	1

* Not Illustrated



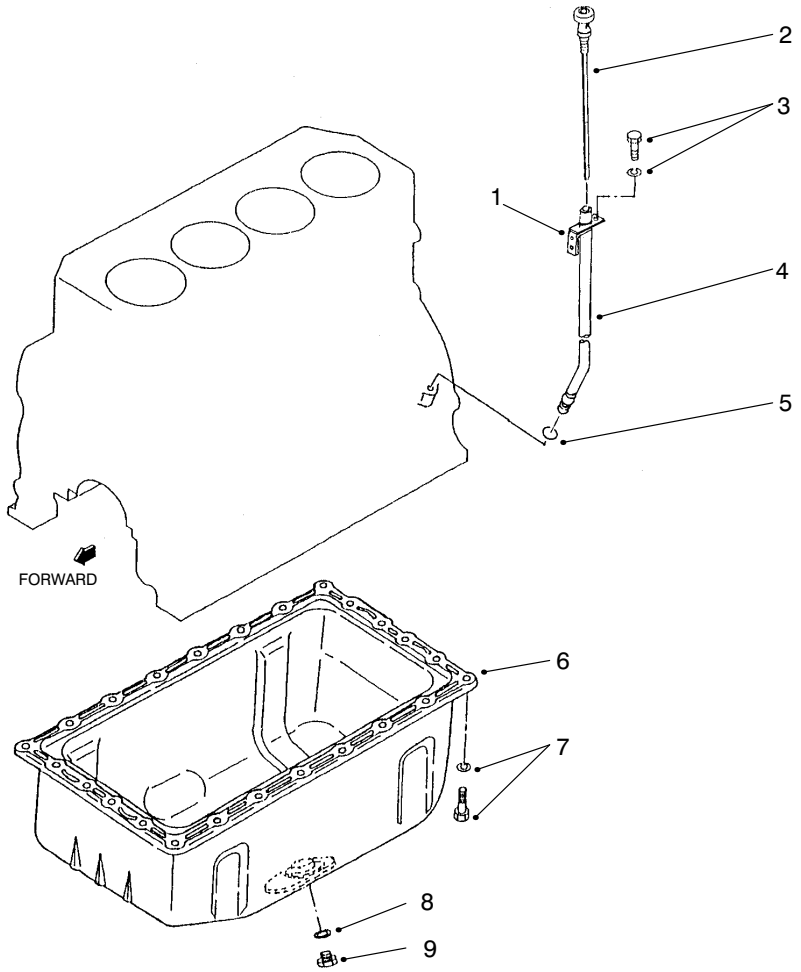
T−2954

TIMING GEAR CASE & TIMING GEAR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	99−1864	Bolt−W/Washer	13
2	99−1861	Case−Gear, Timing	1
3	99−1862	Gasket−Gear	1
4	99−1859	Plate−Front	1
5	99−1860	Gasket−Front Plate	1
6	99−1868	Gear−Camshaft	1
7		Gear−Idler	1
8		Bushing	1
9	99−1869	Gear−Pump, Injection	1
10	99−1873	Gear−Pump, Oil	1

Ref. No.	Part No.	Description	No. Used
11	99−1871	Plate−Thrust	1
12	99−1872	Bolt−W/Washer	1
13	99−1830	Bolt−W/Washer	5
14	99−1865	O−Ring	1
15	99−1863	Cover−Gear, Case	1
16	99−1866	Bolt−W/Washer	5
17	99−1867	Seal−Oil	1
*	99−1870	Asm−Idler, Gear (Incl. Ref. #7−8)	1

* Not Illustrated



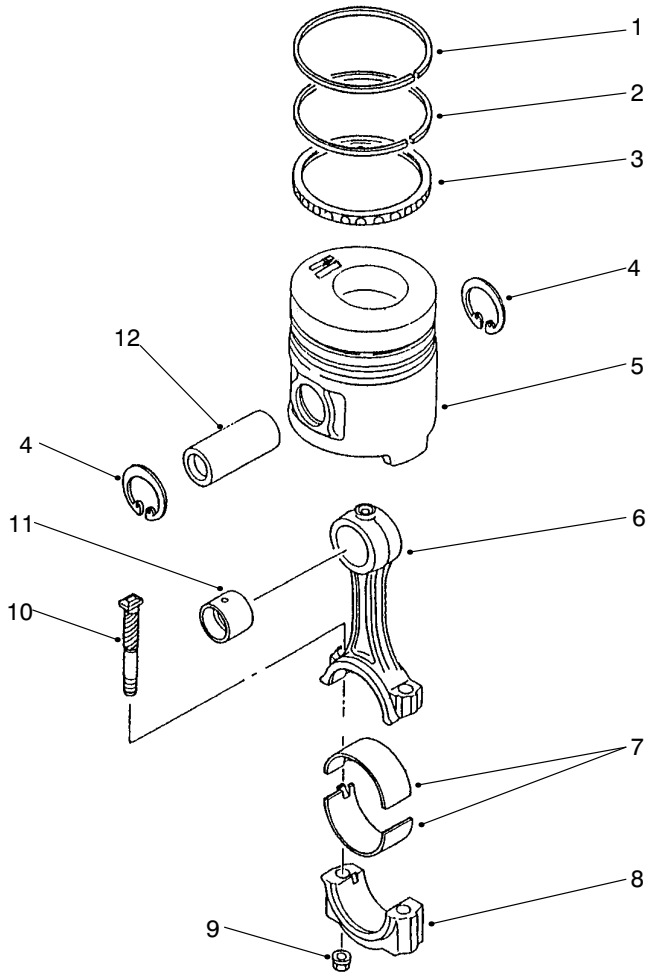
T–2955

OIL PAN & OIL LEVEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	99–1877	Bracket–Gage Guide	1
2	99–1875	Gage–Oil Level	1
3	99–1879	Bolt–W/Washer	1
4	99–1876	Guide–Oil Level Gage	1
5	99–1878	O–Ring	1
6		Pan–Oil	1

Ref. No.	Part No.	Description	No. Used
7	99–1830	Bolt–W/Washer	26
8	68–6430	Gasket	1
9	68–6420	Plug–Drain	1
*	99–1874	Asm–Pan, Oil (Incl. Ref. #6, 8 & 9)	1

* Not Illustrated

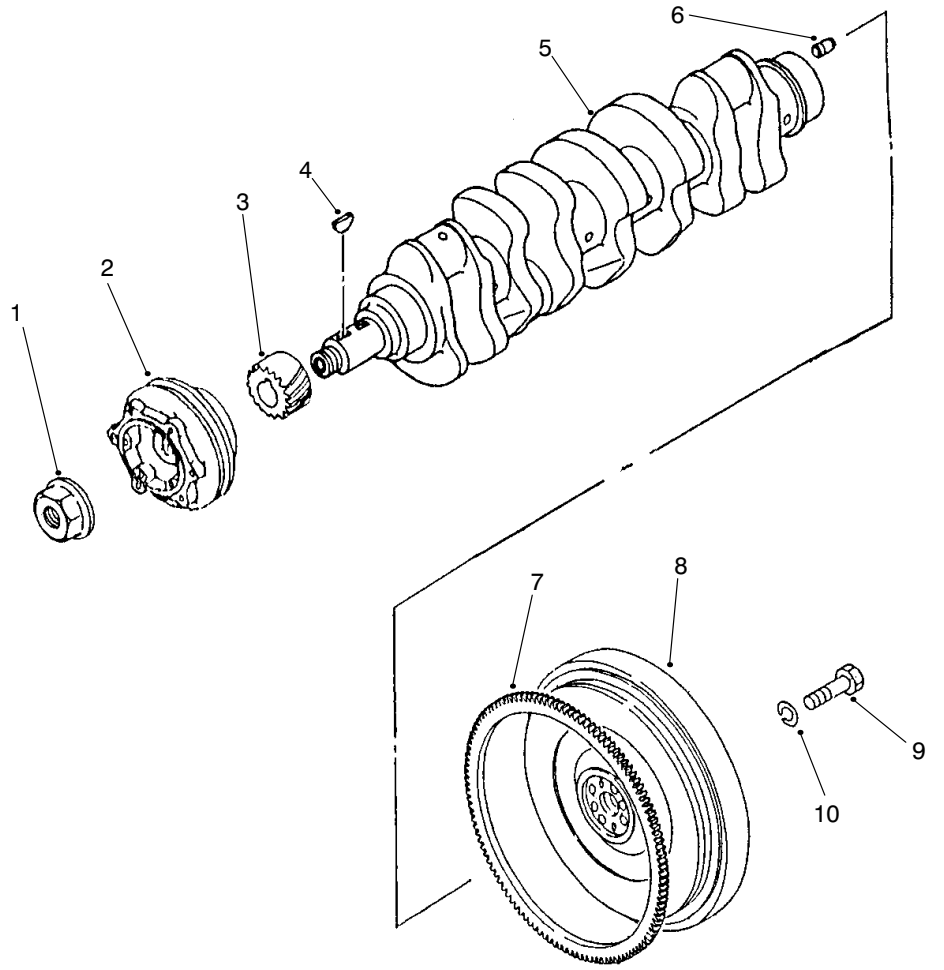


T−2956

PISTON & CONNECTING ROD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1		Ring No. 1	4
*	99−1884	Ring−Piston O.S. 0.25 (Incl. Ref. #1−3)	4
2		Ring No. 2	4
*	99−1885	Ring−Piston O.S. 0.50 (Incl. Ref. #1−3)	4
3		Ring−Oil	4
4	99−1887	Ring−Snap	8
5	99−1880	Piston−Std.	4
5	99−1881	Piston−O.S. 0.25	4
5	99−1882	Piston−O.S. 0.50	4
6		Rod−Connecting	4
7	99−1891	Set−Metal Std.	1
7	99−1892	Set−Metal O.S. 0.25	1
7	99−1893	Set−Metal O.S. 0.50	1
7	99−1894	Set−Metal O.S. 0.75	1
8		Cap−Connecting Rod	4
9	51−6230	Nut	8
10	99−1889	Bolt−Connecting	8
11	99−1890	Bushing−Rod, Connecting	8
12	99−1886	Pin−Piston	4
*	99−1888	Asm−Rod, Connecting (Incl. Ref. #6−11)	4
*	99−1883	Set−Ring, Piston Std (Incl. Ref. #1−3)	4

* Not Illustrated



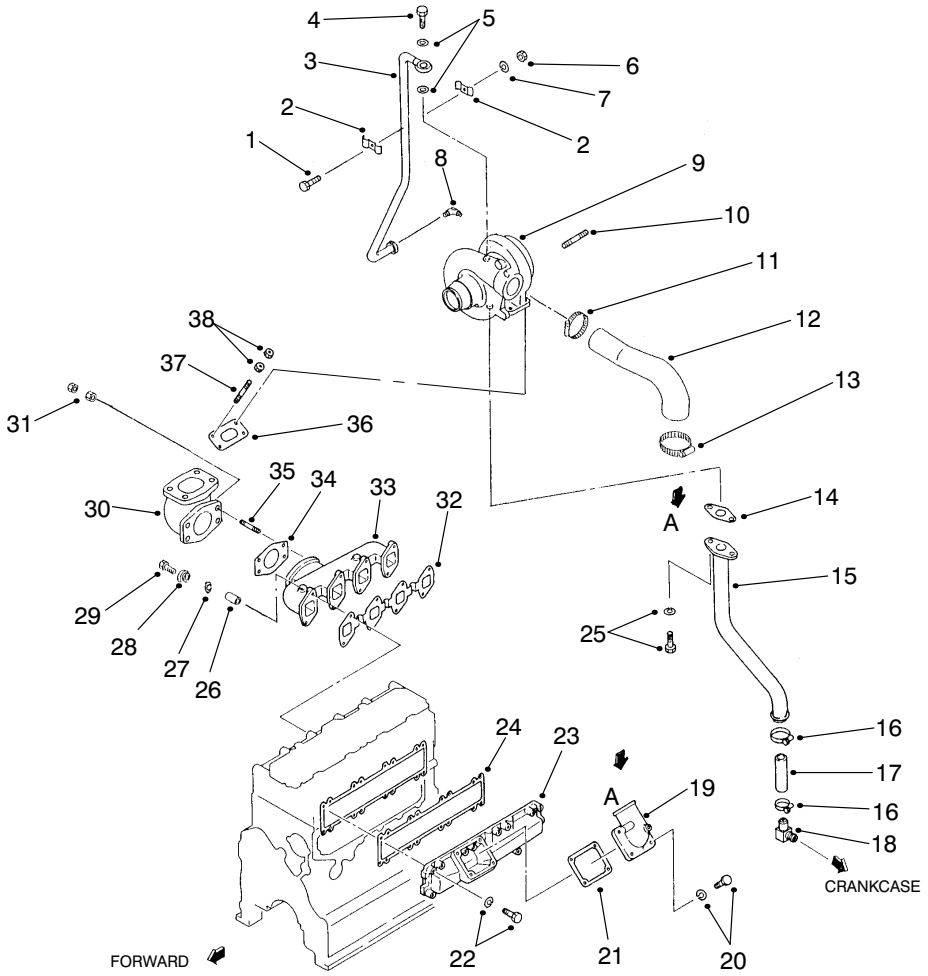
T−2957

CRANKSHAFT & FLYWHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	99−1897	Nut−Crankshaft	1
2	99−1896	Pulley−Crankshaft	1
3	99−1898	Gear−Crankshaft	1
4	51−5460	Key−Woodruff	2
5		Crankshaft	1
6	51−6300	Pin−Dowel	2
7	99−2100	Gear−Ring	1

Ref. No.	Part No.	Description	No. Used
8		Flywheel	1
9	70−2880	Bolt	4
10	51−8610	Washer−Spring	4
*	99−1895	Asm−Crankshaft (Incl. Ref. #1−6)	1
*	99−1899	Asm−Flywheel (Incl. Ref. #7−8)	1

* Not Illustrated

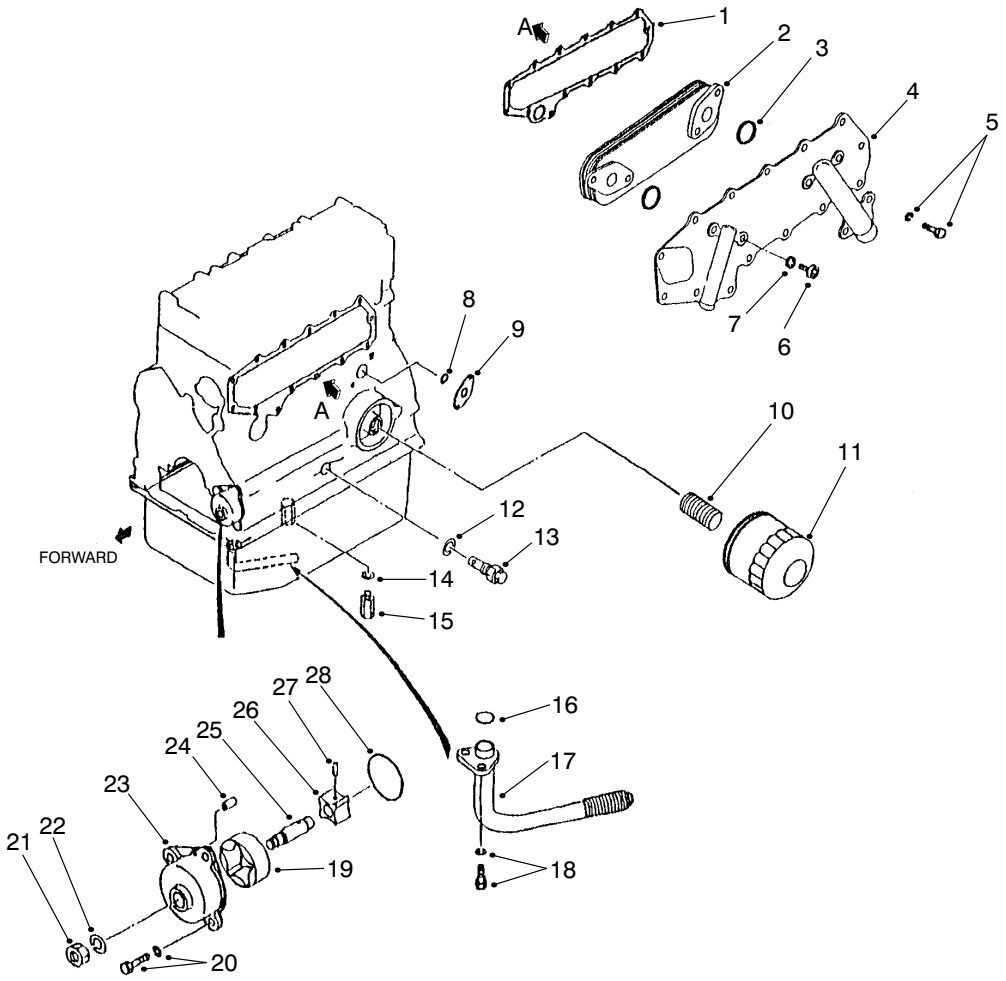


T−2958

INLET & EXHAUST MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	60−7290	Bolt	1
2	99−2125	Clamp	2
3	99−2119	Pipe−Oil	1
4	70−4980	Bolt−Eye	1
5	70−3060	Gasket	2
6	99−2126	Nut	1
7	51−7400	Washer−Spring	1
8	99−2120	Elbow	1
9	99−2124	Asm−Turbocharger	1
10	99−2115	Stud	3
11	99−2117	Clamp	1
12	99−2116	Hose−Air	1
13	70−3440	Clamp	1
14	99−2121	Gasket−Pipe, Drain	1
15	99−2118	Pipe−Drain, Oil	1
16	70−3090	Clamp−Hose	2
17	99−2123	Hose−Oil	1
18	70−5310	Elbow	1
19	99−2103	Elbow−Air Inlet	1

Ref. No.	Part No.	Description	No. Used
20	99−1879	Bolt−W/Washer	4
21	99−2104	Gasket−Heater, Air	1
22	99−1828	Bolt/W/Washer	16
23	99−2101	Asm−Inlet, Manifold	1
24	99−2102	Gasket−Manifold, Inlet	1
25	99−2122	Bolt−W/Washer	2
26	99−2109	Spacer	8
27	51−7250	Washer−Spring	8
28	99−2110	Washer	8
29	99−2111	Bolt/W/Washer	8
30	99−2106	Pipe−Exhaust	1
31	60−7120	Nut	8
32	99−2107	Gasket−Exhaust, Manifold	1
33	99−2108	Asm−Exhaust, Manifold	1
34	99−2105	Gasket−Exhaust	1
35	70−3480	Stud	4
36	99−2114	Gasket−Exhaust	1
37	99−2112	Stud	4
38	99−2113	Nut−Lock	8



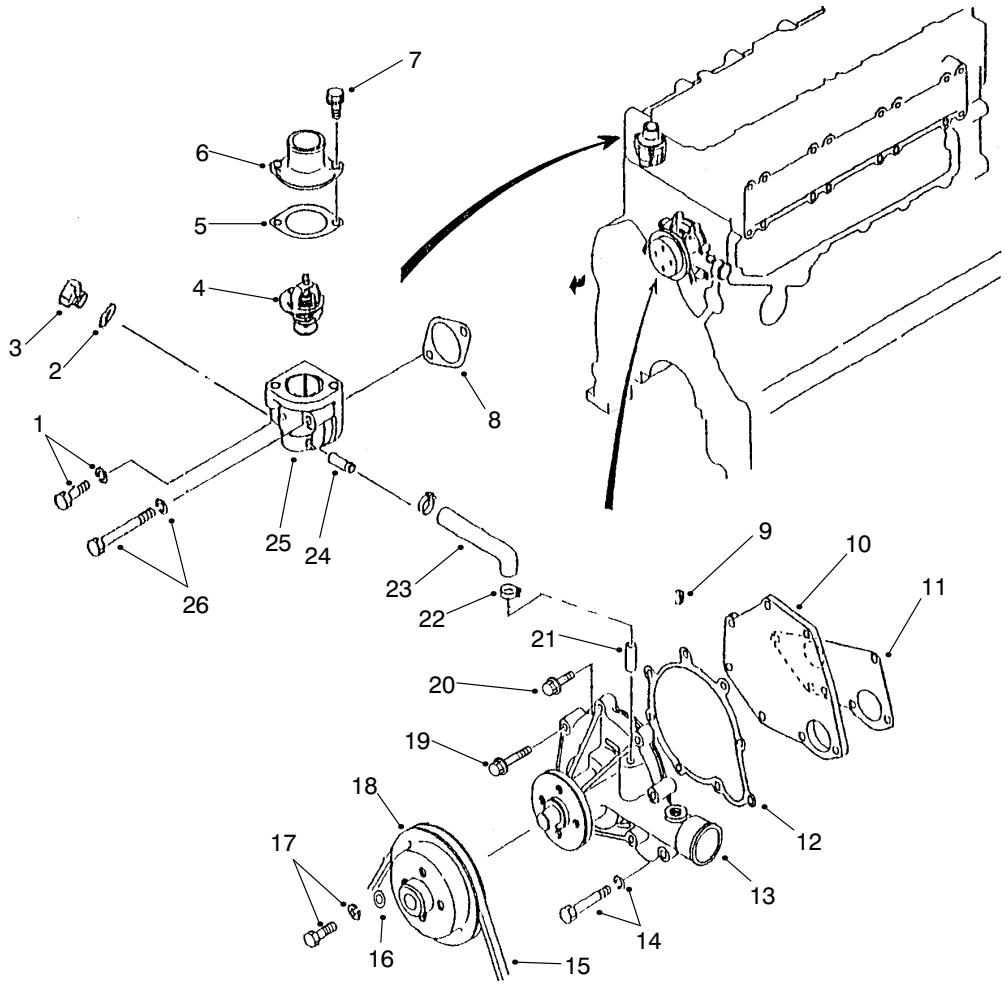
T−2959

OIL SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	99−2139	Gasket−Cover, Side	1
2	99−2136	Asm−Element	1
3	99−2141	O−Ring	2
4		Asm−Case	1
5	99−1879	Bolt−W/Washer	16
6	99−2138	Bolt−Cooler, Oil	4
7	99−2142	Gasket	4
8	99−2131	O−Ring	2
9	99−2140	Gasket	1
10	99−2144	Union−Filter, Oil	1
11	99−2143	Cartridge−Oil	1
12	93−3417	Gasket	1
13	99−2132	Valve	1
14	99−2134	Gasket	1
15	99−2133	Valve	1
16	99−2131	O−Ring	1
17	99−2130	Strainer−Oil	1

Ref. No.	Part No.	Description	No. Used
18	99−1830	Bolt/W/Washer	2
19		Rotor−Outer	1
20	99−1879	Bolt−W/Washer	4
21	99−2129	Nut−Jam	1
22	51−6390	Washer−Spring	1
23		Case−Oil Pump	1
24		Pin−Dowel	2
25		Shaft−Pump, Oil	1
26		Rotor−Inner	1
27		Pin	1
28	99−2128	O−Ring	1
*	99−2127	Asm−Pump, Oil (Incl. Ref. #19 & 23−27)	1
*	99−2137	Asm−Case	1
*	99−2135	Asm−Cooler, Oil (Incl. Ref. #2−4 & 6−7)	1

* Not Illustrated



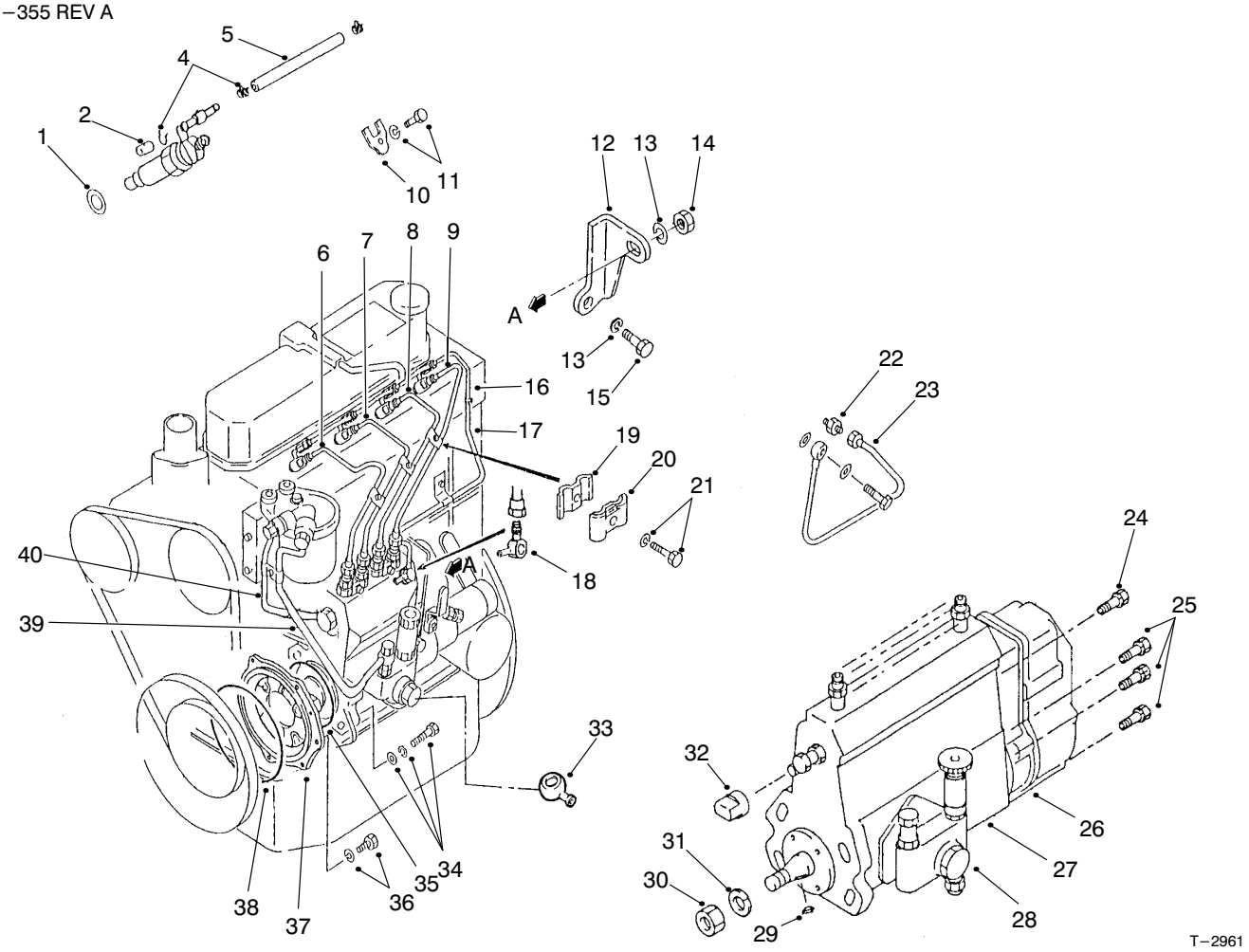
T−2960

COOLING SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	99−2150	Bolt−W/Washer	1
2	99−1813	Gasket	2
3	99−1812	Plug−Drain	2
4	99−2155	Thermostat	1
5	99−2154	Gasket−Thermostat	1
6	99−2153	Cover−Thermostat	1
7	92−2133	Bolt−Flange	2
8	51−7210	Gasket	1
9		Plug−Tapered	1
10	99−2146	Cover−Pump, Water	1
11	99−2148	Gasket−Pump, Water	1
12	99−2147	Gasket−Cover, Pump	1
13		Case−Pump, Water	1
14	99−2150	Bolt−W/Washer	5
15	99−2159	Belt−Raw Edge	1
16	51−5160	Washer	4
17	99−2160	Bolt−W/Washer	4

Ref. No.	Part No.	Description	No. Used
18	99−2149	Pulley−Pump, Water	1
19	99−2151	Bolt−Flange	1
20	92−2133	Bolt−Flange	2
21		Pipe−Water	1
22	93−4297	Clamp−Hose	2
23	99−2152	Hose−By−Pass	1
24		Pipe	1
25		Case	1
26	99−2158	Bolt−W/Washer	1
*	99−2157	Asm−Thermostat (Incl. Ref. #4−7 & 24−25)	1
*	99−2145	Asm−Pump, Water (Incl. Ref. #9−10, 12−13 & 19−21)	1
*	99−2156	Asm−Case, Thermostat (Incl. Ref. #24−25)	1

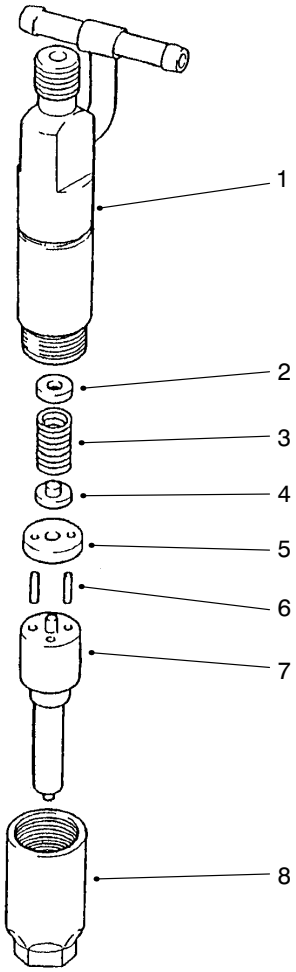
* Not Illustrated



FUEL INJECTION PUMP MOUNT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	98−7375	Gasket−Nozzle	4
2	99−2167	Cap	1
4	99−2169	Clip	7
*	99−2168	Asm−Hose, Oil (Incl. Ref. #4 & 5)	3
5		Hose−Fuel	3
6	99−2172	Pipe−Injection No. 1	1
7	99−2173	Pipe−Injection No. 2	1
8	99−2174	Pipe−Injection No. 3	1
9	99−2175	Pipe−Injection No. 4	1
10	99−2165	Support−Nozzle	4
11	99−2166	Bolt−W/Washer	4
12	99−2170	Bracket−Pump	1
13	51−7250	Washer−Spring	2
14	60−7120	Nut	1
15	60−7280	Bolt	1
16	99−2178	Asm−Hose, Fuel	1
17	99−2176	Pipe−Return, Fuel	1
18	99−2177	Joint−Eye	1
19	56−0750	Clamp (B)	3
20	56−0760	Clamp (A)	3
21	99−2179	Bolt−W/Washer	3

Ref. No.	Part No.	Description	No. Used
22	99−2185	Connector	1
23	99−2184	Pipe−Oil	1
24	99−2164	Bolt−W/Washer	1
25	70−6530	Bolt−W/Washer	6
26		Asm−Governor	1
27		Asm−Body, Injection	1
28	99−2163	Asm−Pump, Feed	1
29	70−6880	Key−Woodruff	1
30	70−6780	Nut−Hex.	1
31	70−6680	Washer−Spring	1
32	99−2162	Cover−Control	1
33	99−2186	Color	1
34	99−2183	Bolt−W/Washers	4
35	99−2182	O−Ring	1
36	99−1879	Bolt−W/Washer	1
37	99−2171	Flange−Pimp, Injection	1
38	99−1865	O−Ring	1
39	99−2181	Hose	1
40	99−2180	Hose	1
*	99−2161	Asm−Pump, Injection (Incl. Ref. #24−32)	1

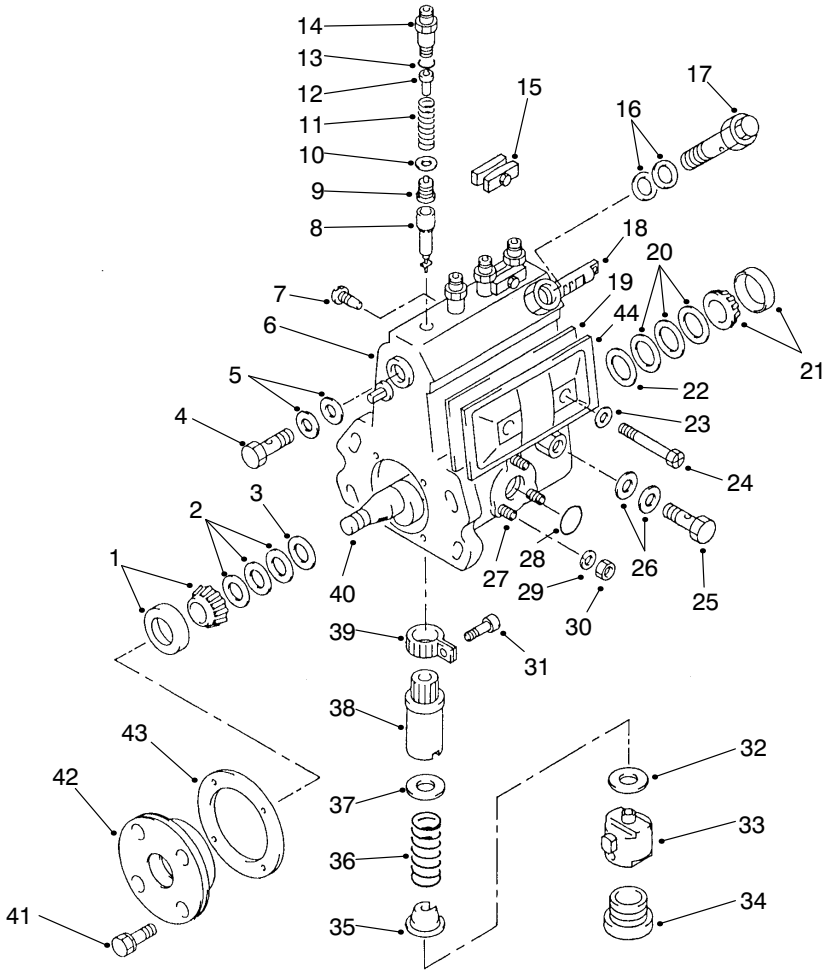


T−2962

NOZZLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	99−2779	Asm−Body	4
2	70−4860	Washer−1.000mm Thick	AR
2	70−4870	Washer−1.050mm Thick	AR
2	70−4880	Washer−1.100mm Thick	AR
2	99−2190	Washer−1.150mm Thick	AR
2	99−2191	Washer−1.200mm Thick	AR
2	99−2192	Washer−1.250mm Thick	AR
2	99−2193	Washer−1.300mm Thick	AR
2	99−2194	Washer−1.350mm Thick	AR
2	99−2195	Washer−1.400mm Thick	AR
2	99−2196	Washer−1.450mm Thick	AR
2	99−2197	Washer−1.500mm Thick	AR
2	99−2198	Washer−1.550mm Thick	AR
2	99−2199	Washer−1.600mm Thick	AR
2	99−2200	Washer−1.650mm Thick	AR
2	99−2201	Washer−1.700mm Thick	AR
2	99−2202	Washer−1.750mm Thick	AR
2	99−2203	Washer−1.800mm Thick	AR
2	70−4890	Washer−1.275mm Thick	AR
2	70−4900	Washer−1.325mm Thick	AR
2	99−2204	Washer−1.375mm Thick	AR
2	99−2205	Washer−1.425mm Thick	AR
2	99−2206	Washer−1.475mm Thick	AR

Ref. No.	Part No.	Description	No. Used
2	70−4920	Washer−0.950mm Thick	AR
2	99−2207	Washer−0.700mm Thick	AR
2	99−2217	Washer−0.750mm Thick	AR
2	99−2208	Washer−0.800mm Thick	AR
2	99−2209	Washer−0.850mm Thick	AR
2	99−2210	Washer−0.900mm Thick	AR
2	99−2211	Washer−0.975mm Thick	AR
2	99−2212	Washer−1.025mm Thick	AR
2	99−2213	Washer−1.075mm Thick	AR
2	99−2214	Washer−1.125mm Thick	AR
2	99−2215	Washer−1.175mm Thick	AR
2	99−2216	Washer−1.225mm Thick	AR
3	99−2281	Spring−Pressure	4
4	99−2280	Pin−Pressure	4
5	99−2218	Packing	4
6	70−6830	Pin−Straight	8
7	99−2189	Asm−Tip, Nozzle	4
8	70−4840	Nut−Retaining	4
*	99−2187	Asm−Nozzle (Incl. Ref. #1−8)	4
*	99−2188	Asm−Holder (Incl. Ref. #1−6 & 8)	4

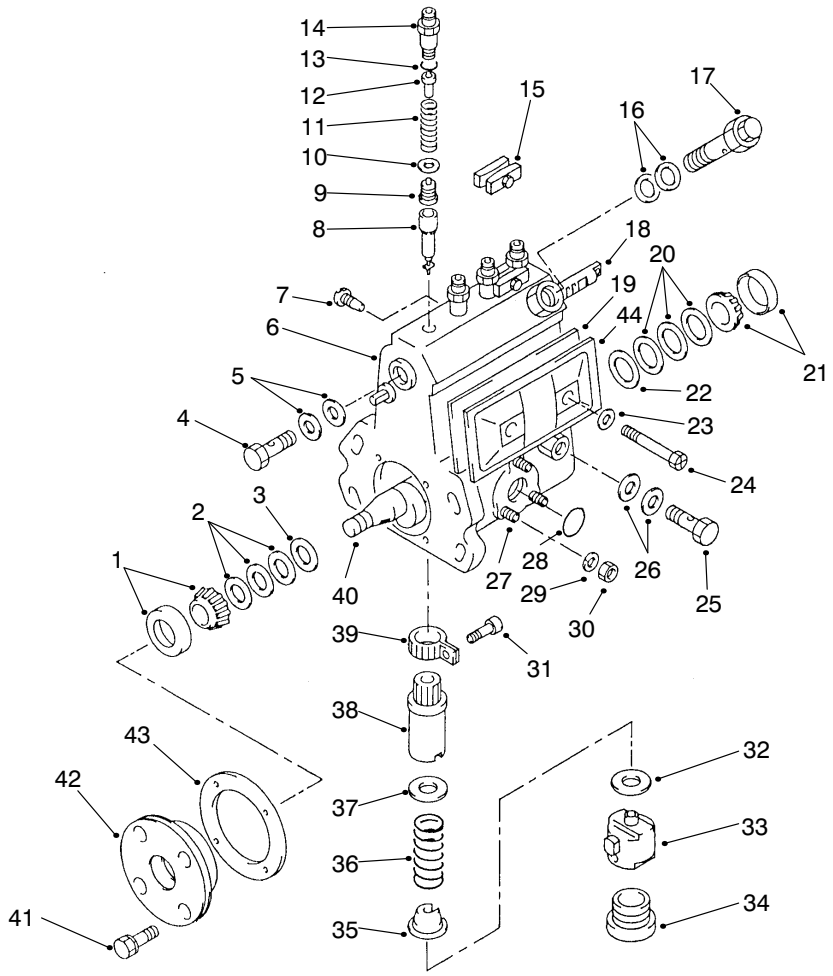


T−2963

INJECTION PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70−6840	Bearing−Roller	1
2	70−3780	Shim−0.10mm Thick	AR
2	70−3790	Shim−0.15mm Thick	AR
2	70−3800	Shim−0.30mm Thick	AR
2	70−3810	Shim−0.50mm Thick	AR
2	99−2240	Shim−1.00mm Thick	AR
2	99−2241	Shim−1.50mm Thick	AR
2	99−2242	Shim−0.12mm Thick	AR
2	99−2243	Shim−0.14mm Thick	AR
2	99−2244	Shim−0.18mm Thick	AR
2	99−2245	Shim−0.03mm Thick	AR
3	70−3700	Ring−Adjust	1
4	70−6940	Screw−Hollow	1
5	70−3870	Washer−Union	2
6	99−2219	Housing−Pump (Incl. Ref. #27)	1
7	99−2234	Screw−Guide, Rack	1
8	99−2224	Element−Pump	4
9	99−2223	Valve−Delivery	4
10	70−3530	Gasket−Valve	4
11	99−2222	Spring−Valve	4
12	99−2221	Stopper−Valve	4
13	70−6910	O−Ring	4
14	99−2220	Holder−Valve	4
15	70−3880	Plate−Set	2
16	70−3860	Washer−Union	2

Ref. No.	Part No.	Description	No. Used
17	99−2239	Asm−Valve	1
18	99−2233	Rack−Control	1
19	70−3930	Gasket−Plate, Cover	1
20	70−3710	Shim−0.10mm Thick	AR
20	70−3720	Shim−0.12mm Thick	AR
20	70−3730	Shim−0.14mm Thick	AR
20	70−3740	Shim−0.16mm Thick	AR
20	70−3750	Shim−0.18mm Thick	AR
20	70−3760	Shim−0.50mm Thick	AR
20	70−3770	Shim−0.30mm Thick	AR
20	99−2228	Shim−1.00mm Thick	AR
20	99−2229	Shim−1.50mm Thick	AR
20	99−2230	Shim−2.00mm Thick	AR
20	99−2231	Shim−0.03mm Thick	AR
21	70−6850	Bearing−Roller	1
22	70−3690	Ring−Adjusting	1
23	70−3900	Packing	2
24	70−3950	Screw	2
25	70−6930	Screw−Hollow	1
26	70−3910	Washer−Nipple	2
27	70−6720	Stud	3
28	70−6900	O−Ring	1
29	99−2238	Washer−Spring	3
30	99−2237	Nut−Hex.	3
31	70−3570	Screw−Clamp, Pinion	4
32	70−3970	Shim−0.60mm Thick	AR

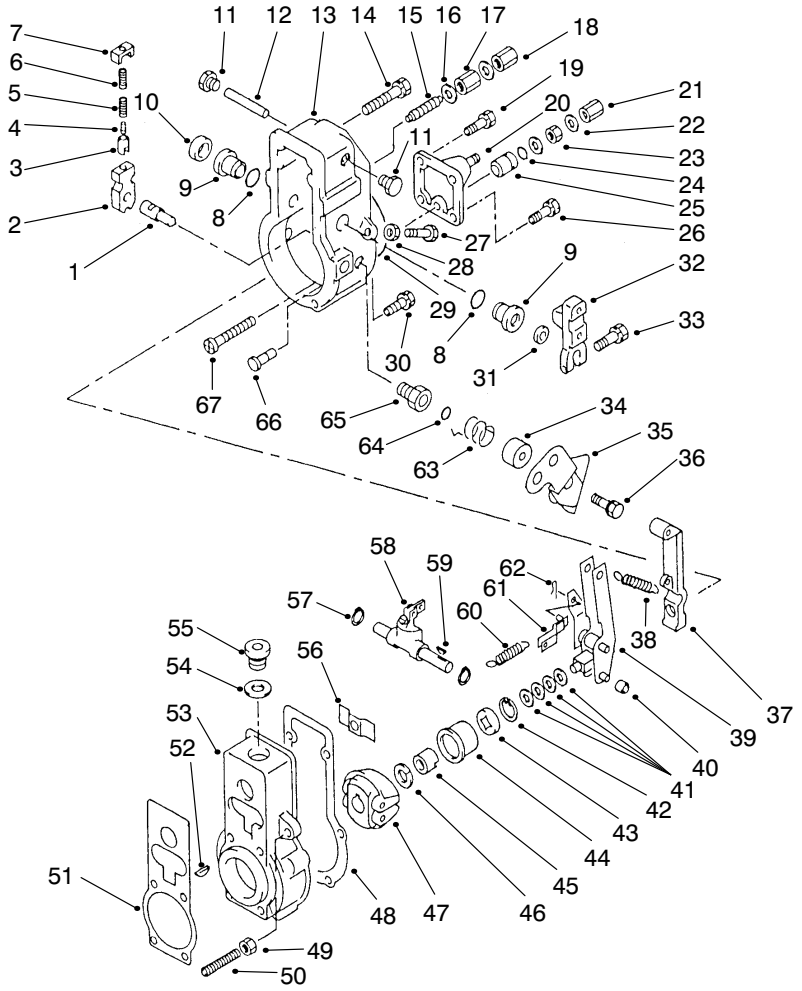


T−2963

INJECTION PUMP ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
32	70−3980	Shim−0.70mm Thick	AR
32	70−3990	Shim−0.80mm Thick	AR
32	70−4000	Shim−0.90mm Thick	AR
32	70−4010	Shim−1.00mm Thick	AR
32	70−4020	Shim−1.10mm Thick	AR
32	70−4030	Shim−1.20mm Thick	AR
32	70−4040	Shim−1.30mm Thick	AR
32	70−4050	Shim−1.40mm Thick	AR
32	70−4060	Shim−0.10mm Thick	AR
32	70−4070	Shim−0.20mm Thick	AR
32	70−4080	Shim−0.30mm Thick	AR
32	70−4090	Shim−0.40mm Thick	AR
32	70−4100	Shim−0.50mm Thick	AR
32	70−4110	Shim−0.15mm Thick	AR
32	99−2236	Shim−0.13mm Thick	AR

Ref. No.	Part No.	Description	No. Used
33	70−3630	Tappet	4
34	70−3670	Plug−Screw	4
35	70−3610	Sheet−Spring, Lower	4
36	99−2227	Spring−Plunger	4
37	99−2226	Sheet−Spring, Upper	4
38	99−2225	Sleeve−Control	4
39	70−3560	Pinion−Control	4
40	70−3680	Camshaft	1
41	70−6540	Bolt−W/Washer	4
42	70−3820	Cover−Bearing	1
43	99−2232	Gasket−Cover, Bearing	1
44	70−3940	Cover−Plate	1
*	99−2235	Asm−Cover, Pump (Incl. Ref. #23−24 & 44)	1

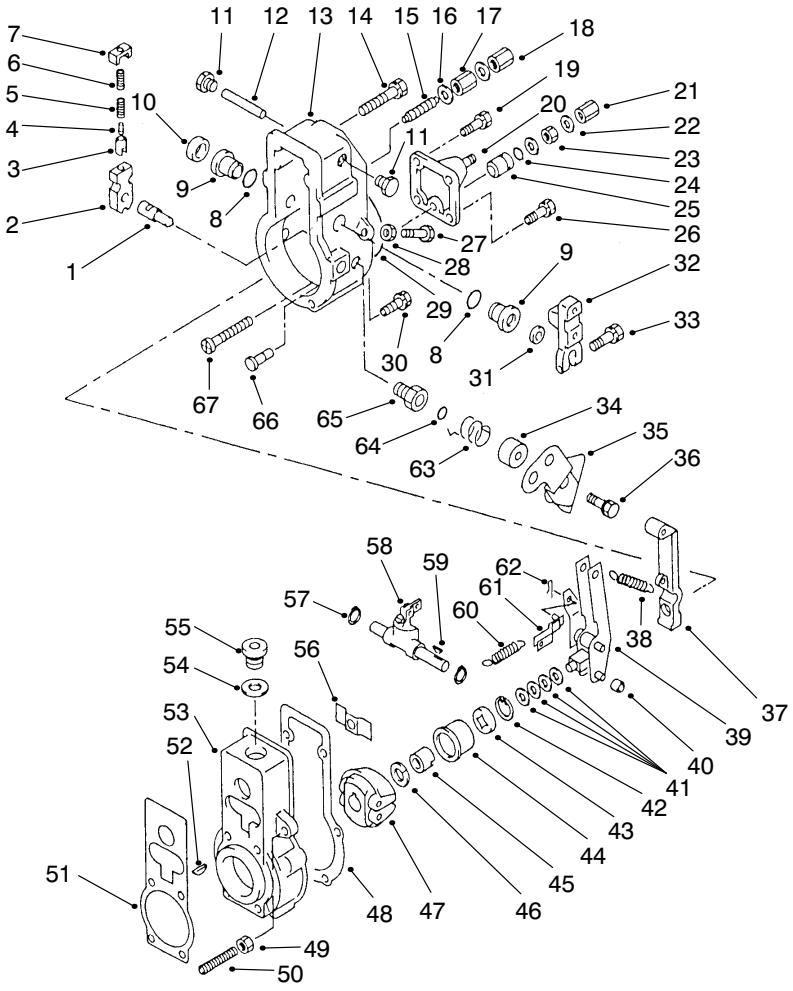


T−2964

GOVERNOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70−4480	Shaft−Governor	1
2	70−4470	Lever−Support	1
3	70−4490	Cup−Spring	1
4	70−4510	Spring	1
5	70−4520	Spring	1
6	70−4500	Spring	1
7	70−4460	Plate−Cap	1
8	70−6510	O−Ring	2
9	70−4230	Bushing−Lever	2
10	70−4580	Cap−Lever	1
11	70−4360	Plug−Screw	2
12	70−4350	Shaft−Lever	1
13	70−4400	Cover−Governor	1
14	70−6740	Bolt−W/Washer	2
15	99−2251	Capsule	1
16	70−3890	Washer−Nipple	2
17	70−4310	Nut−Lock, Adapter	1
18	70−4440	Nut−Cap	1
19	70−6540	Bolt−W/Washer	2
20	99−2254	Plate−Cover	1
21	99−2248	Nut−Cap	1
22	70−6690	Washer−Plate	2
23	99−2260	Nut−Hex.	1
24	70−6500	O−Ring	1
25	70−4330	Bushing	1
26	99−2255	Bolt−W/Washer	2

Ref. No.	Part No.	Description	No. Used
27	70−4430	Screw−Adjusting	1
28	70−6560	Nut−W/Hole	1
29	70−6790	Packing−Rubber Plate	1
30	70−6750	Bolt−W/Washer	4
31	70−6920	Seal−Oil	1
32	99−2253	Lever−Adjusting	1
33	70−6730	Bolt−W/Washer	1
34	70−4530	Cover−Spring	1
35	70−4570	Lever−Stop	1
36	70−6520	Bolt−W/Washer	1
37	99−2249	Lever−Tension	1
38	70−4370	Spring−Control	1
39	70−4320	Asm−Control, Tension	1
40	70−4540	Slider−Supporting	1
41	70−6610	Washer−Plate 0.2mm Thick	AR
41	70−6620	Washer−Plate 0.3mm Thick	AR
41	70−6630	Washer−Plate 0.4mm Thick	AR
41	70−6640	Washer−Plate 0.1mm Thick	AR
41	70−6650	Washer−Plate 1.0mm Thick	AR
42	70−6490	Snap Ring	1
43	70−4200	Plate	1
44	70−4190	Sleeve−Governor (Incl. Ref. #42−43)	1
45	70−4180	Nut−Round	1
46	70−6670	Washer−Spring	1
47	70−4170	Asm−Flyweight	1

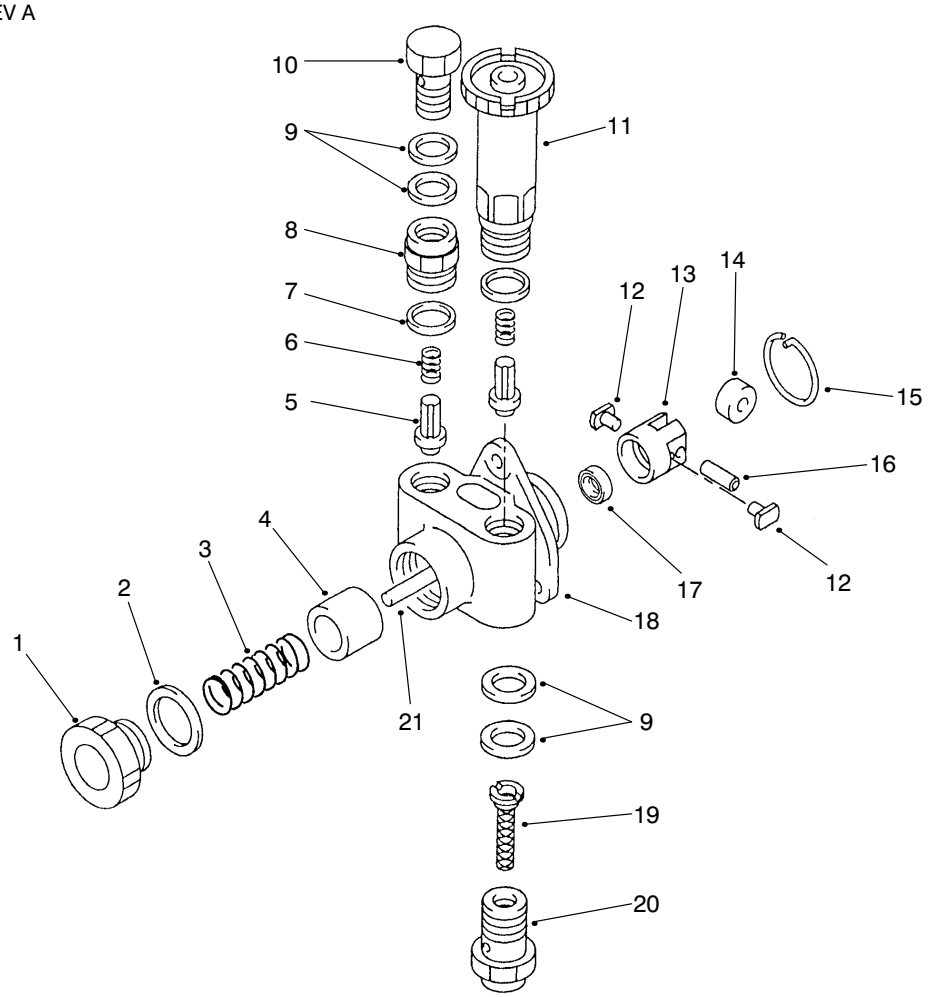


T−2964

GOVERNOR ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
48	99−2258	Gasket	1
49	99−2250	Nut−Hex.	1
50	99−2247	Screw−Adjust	1
51	99−2259	Gasket	1
52	70−6870	Key−Woodruff	1
53	99−2246	Housing−Governor	1
54	70−6710	Washer−Copper Plate	1
55	70−4590	Plug−Screw	1
56	70−4210	Plate	1
57	70−6810	Washer−Snap	2

Ref. No.	Part No.	Description	No. Used
58	99−2252	Lever−Swivelling	1
59	70−6860	Key−Woodruff	1
60	70−4380	Spring−Start	1
61	70−4340	Shackle	1
62	70−6480	Pin−Split	1
63	99−2257	Spring	1
64	70−6890	O−Ring	1
65	99−2256	Bushing−Bearing	1
66	70−4410	Pin−Stop	1
67	70−4390	Screw−Adjusting	1



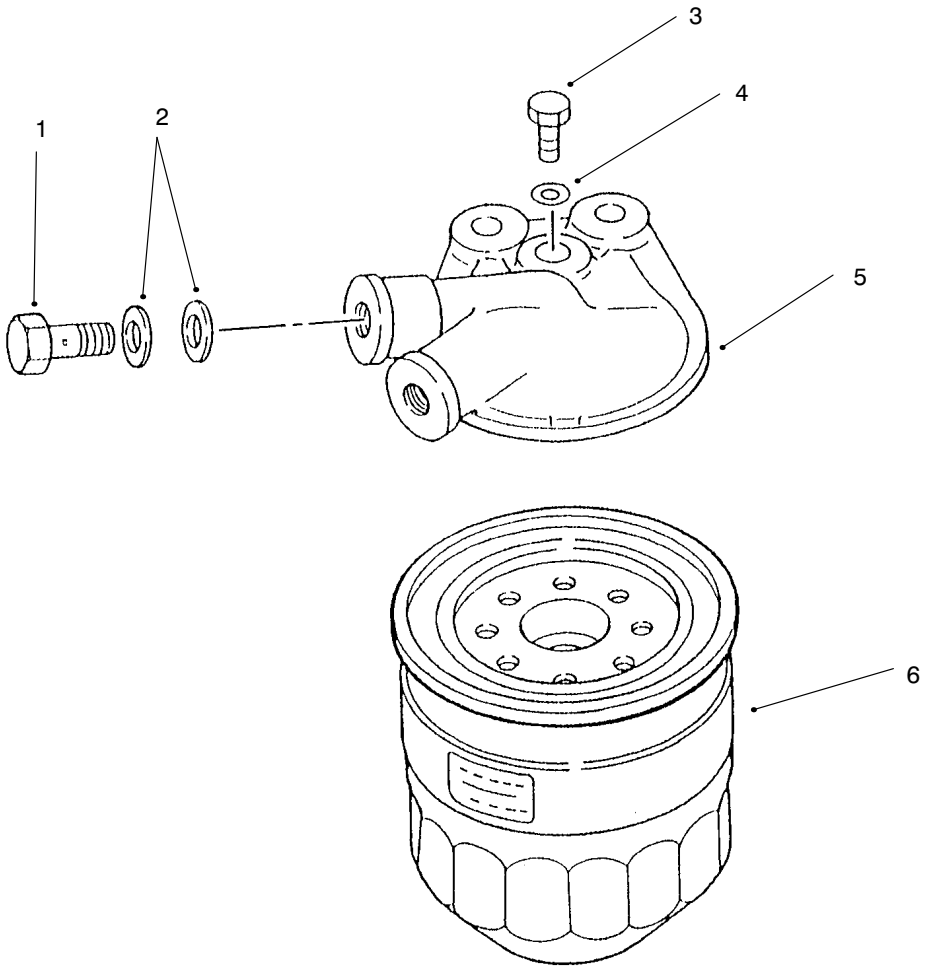
T−2965

FEED PUMP ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70−4780	Plug−Chamber	1
2	70−6700	Washer	1
3	70−4770	Spring−Piston	1
4	99−2263	Piston	1
5	70−4610	Valve−Check	2
6	70−4620	Spring−Valve	2
7	70−4630	Gasket−Plug	2
8	70−4640	Support−Valve	1
9	99−2262	Washer−Union	4
10	70−6940	Screw−Hollow	1
11	70−4650	Pump−Priming	1
12	70−4760	Block−Sliding	2

Ref. No.	Part No.	Description	No. Used
13	70−4730	Tappet−Feed Pump	1
14	70−4740	Roller−Tappet	1
15	70−6820	Ring−Snap	1
16	70−4750	Pin−Roller	1
17	99−2282	Seal−Oil	1
18	70−4600	Asm−Housing (Incl. Ref. #17 & 20)	1
19	70−4790	Filter−Fuel	1
20	70−4800	Screw−Hollow	1
21	99−2261	Rod−Push	1
*	70−5700	Asm−Pump, Feed (Incl. Ref. #1−21)	1

* Not Illustrated

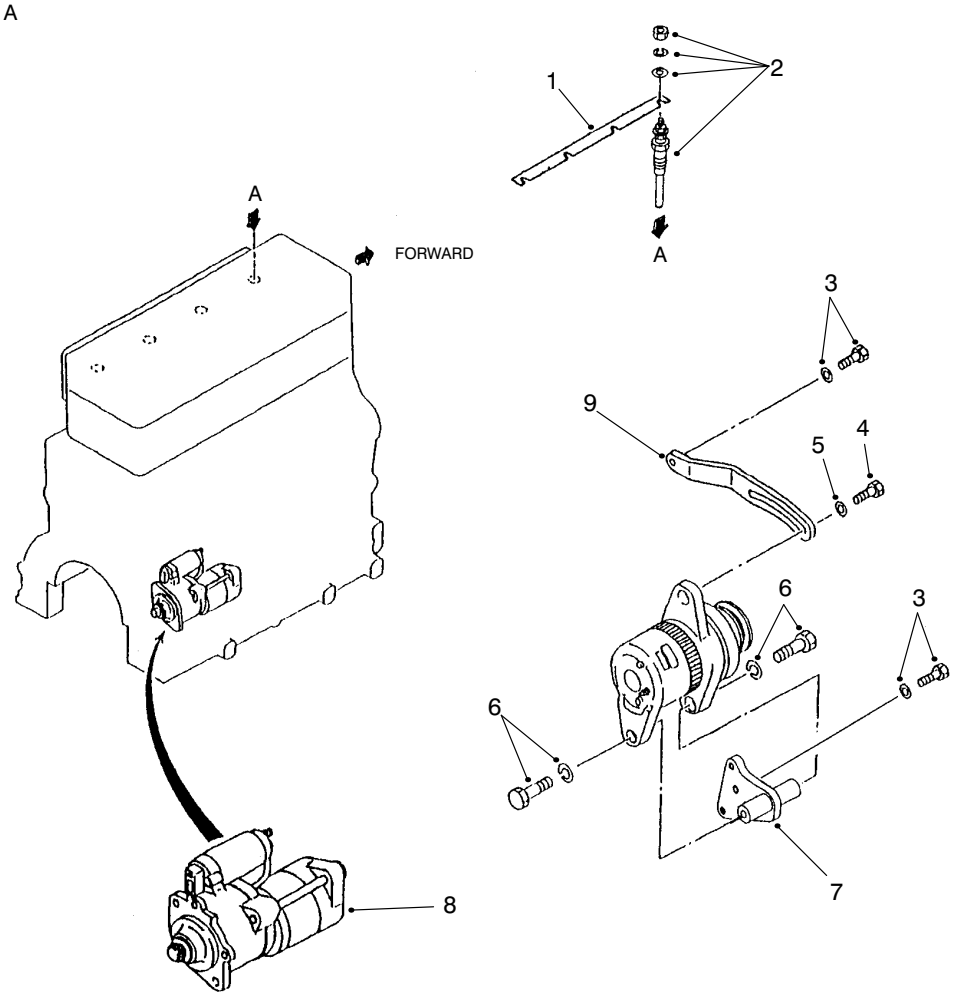


T−2966

FUEL FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70−3250	Bolt−Connector	2
2	51−5390	Packing−Connector	4
3	70−3240	Plug−Air	1
4	60−5510	Washer−Sealing	1
5	70−5720	Bracket	1
6	70−5730	Asm−Cartridge	1
*	70−5710	Asm−Filter, Fuel (Incl. Ref. #1−6)	1

* Not Illustrated

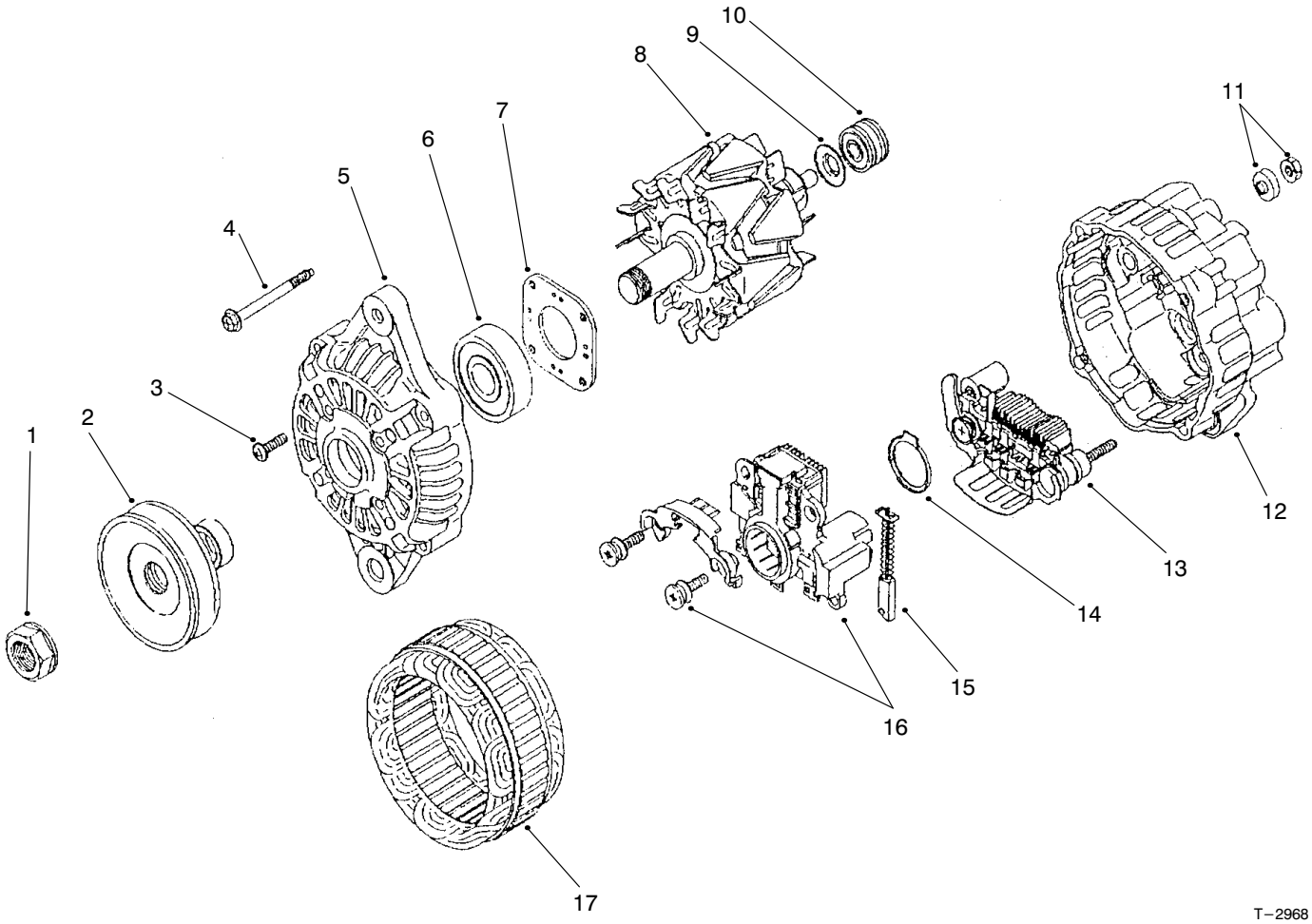


T−2967

ELECTRICAL COMPONENTS ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	99−2265	Plate−Connection	1
2	99−2266	Plug−Glow	4
3	99−1879	Bolt−W/Washer	2
4	67−4660	Bolt−Flange	1
5	54−8660	Washer	1

Ref. No.	Part No.	Description	No. Used
6	99−1857	Bolt−W/Washer	2
7	99−2268	Bracket−Alternator	1
8	99−2267	Asm−Starter	1
9	99−2270	Plate−Adjusting	1



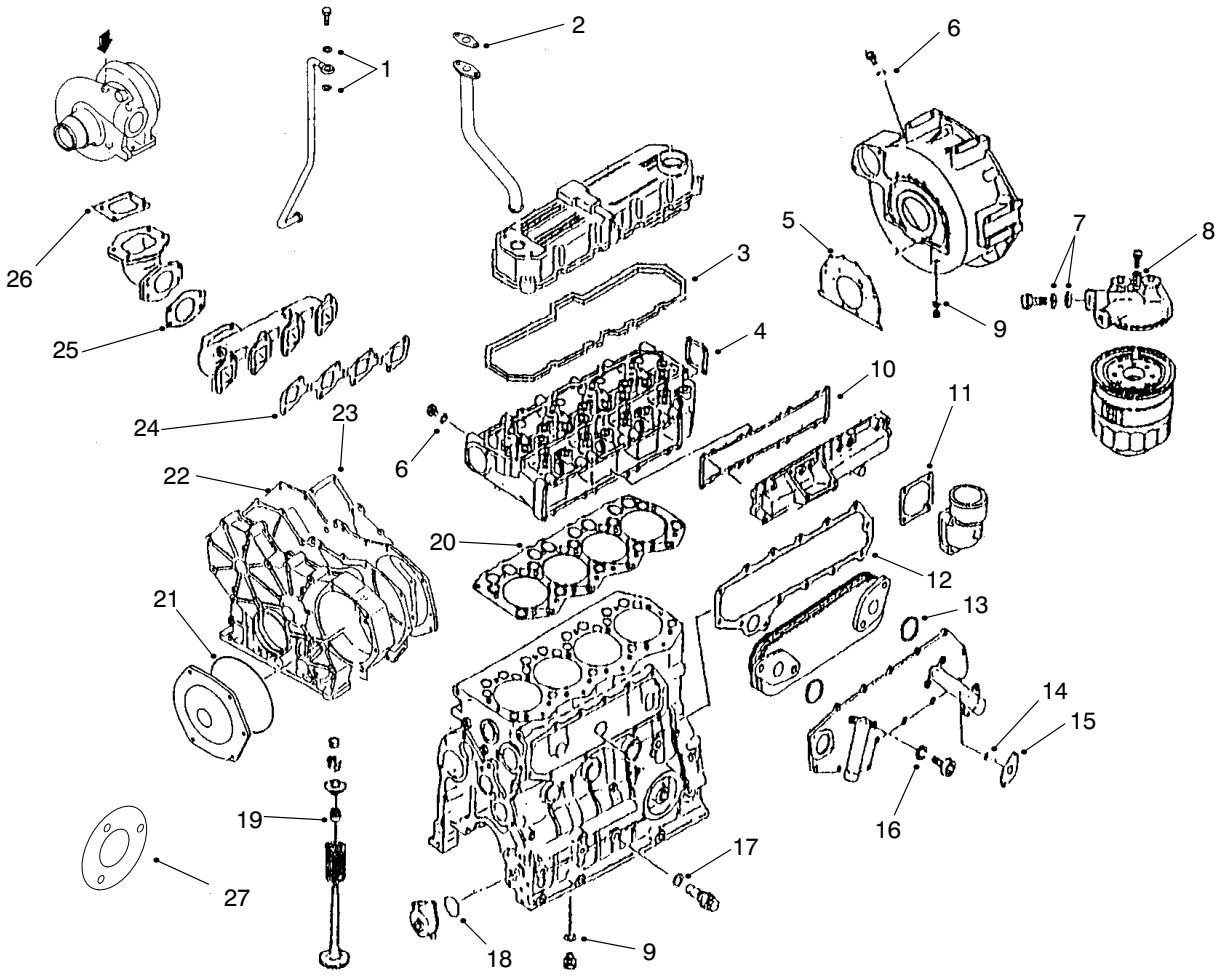
T−2968

ALTERNATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−3578	Nut	1
2	99−2271	Asm−Pulley	1
3	93−3582	Set−Screw	1
4	93−3580	Set−Bolt	1
5		Asm−Cover, Front	1
6	93−3583	Bearing−Front	1
7		Plate	1
8		Rotor	1
9		Washer	1
10	93−3585	Bearing−Rear	1
11	99−2275	Set−Nut	1
12		Asm−Cover, Rear	1
13	99−2274	Asm−Rectifier	1
14		Ring−Retaining	1

Ref. No.	Part No.	Description	No. Used
15	93−3589	Brush	2
16		Asm−Regulator	1
17	93−3586	Asm−Stator	1
*	99−2269	Asm−Alternator (Incl. Ref. #1−17)	1
*	99−2272	Asm−Bracket, Front (Incl. Ref. #3 & 5−7)	1
*	93−3584	Asm−Rotor (Incl. Ref. #8−10)	1
*	99−2273	Asm−Bracket, Rear (Incl. Ref. #11−16)	1
*	93−3588	Set−Regulator (Incl. Ref. #14−16)	1

* Not Illustrated

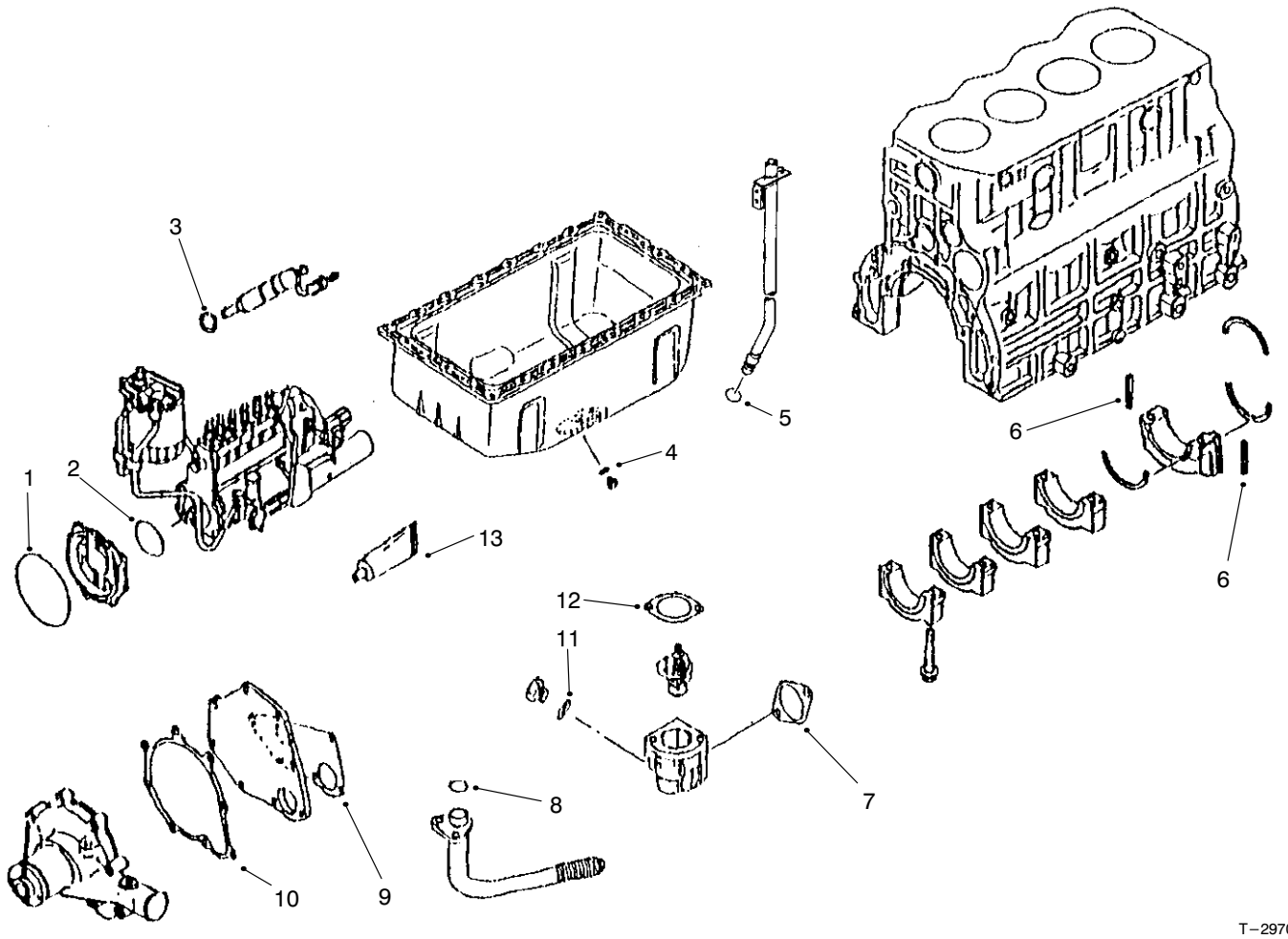


T−2969

OVERHAUL GASKET KIT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	70−3060	Gasket	2
2	99−2104	Gasket	1
3	99−1827	Gasket−Rocker	1
4	99−1809	Gasket−Head, Cylinder	1
5	99−1855	Gasket−Rear	1
6	99−1813	Gasket	2
7	51−5390	Washer−Sealing	10
8	60−5510	Washer−Sealing	1
9	99−2134	Gasket	1
10	99−2102	Gasket−Manifold, Inlet	1
11	99−2104	Gasket	1
12	99−2139	Gasket−Cover, Side	1
13	99−2141	O−Ring	2
14	99−2131	O−Ring	3

Ref. No.	Part No.	Description	No. Used
15	99−2140	Gasket	1
16	99−2142	Gasket	4
17	93−3417	Gasket	1
18	99−2128	O−Ring	1
19	99−1817	Seal−Stem, Valve	8
20	99−1807	Gasket−Head, Cylinder	1
21	99−1865	O−Ring	2
22	99−1862	Gasket−Rear	1
23	99−1837	Gasket−Plate, Front	1
24	99−2105	Gasket−Manifold, Exhaust	1
25	99−2107	Gasket−Exhaust	1
26	99−2114	Gasket−Exhaust	1
27	99−2277	Gasket	1

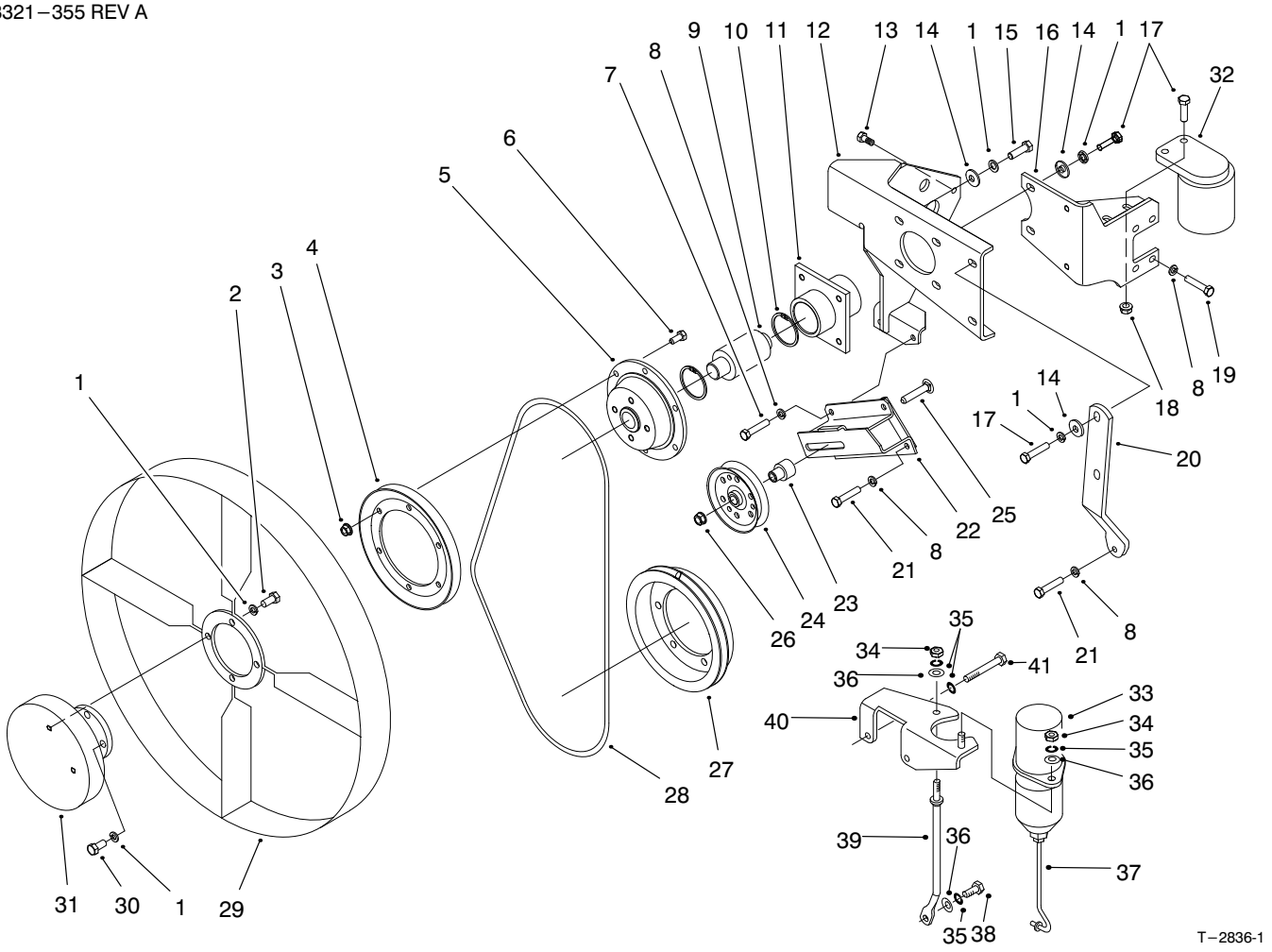


T−2970

OVERHAUL GASKET KIT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
1	99−1865	O−Ring	2
2	99−2182	O−Ring	1
3	98−7375	Gasket−Nozzle	4
4	68−6430	Gasket	1
5	99−1878	O−Ring	1
6	99−1853	Seal−Side	2
7	51−7210	Gasket	1

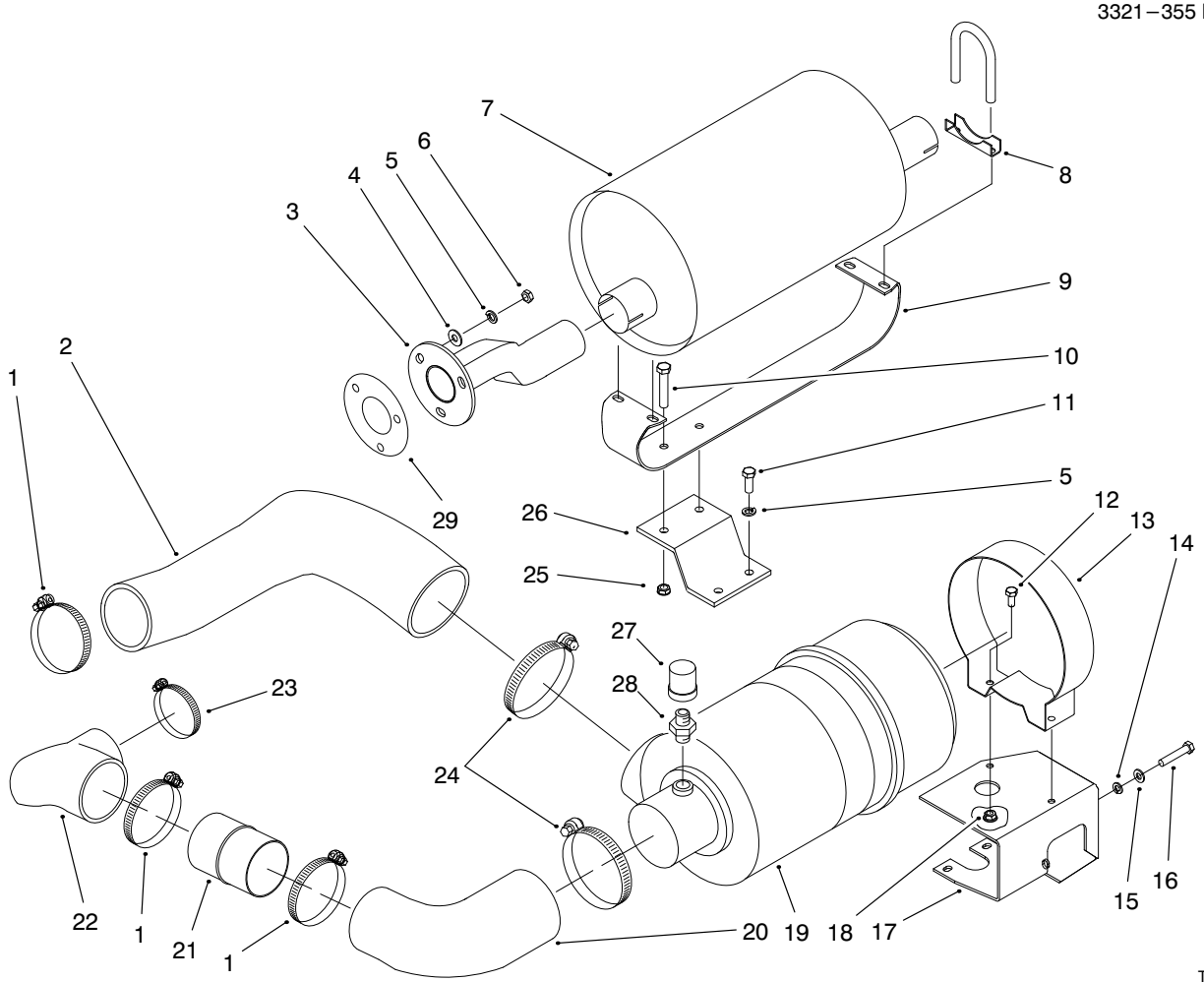
Ref. No.	Part No.	Description	No. Used
8	99−2131	O−Ring	3
9	99−2148	Gasket−Water	1
10	99−2147	Gasket−Cover, Pump	1
11	99−1813	Gasket	2
12	99−2154	Gasket−Thermostat	1
13	93−3599	Gasket−Liquid	1



FAN DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3253−21	Washer−Lock	14
2	323−4	Screw−HH	4
3	32128−25	Nut−HHF	6
4	96−1267	Pulley−Fan	1
5	98−3008	Hub−Fan	1
6	322−3	Screw−HH	6
7	33114−070	Screw−HH	1
8	3253−4	Washer−Lock	7
9	98−0831	Bearing−Fan	1
10	32120−11	Ring−Retaining, Internal	2
11	95−6495	Asm−Bearing Housing	1
12	98−7307	Asm−Fan Support	1
13	33104−020	Screw−HHF	2
14	5−0838	Washer−Flat	6
15	323−6	Screw−HH	2
16	95−6480	Bracket Asm−	1
17	323−7	Screw−HH	6
18	3296−39	Nut−Lock	2
19	33114−045	Screw−HH	4
20	98−3013	Support−Fan	1
21	33114−060	Screw−HH	2
22	98−3011	Asm−Idler Bracket	1

Ref. No.	Part No.	Description	No. Used
23	95−6497	Spacer	1
24	93−5194	Pulley−Idler	1
25	3231−6	Bolt−CARR	1
26	32128−21	Nut−HHF	1
27	95−6477	Pulley−Fan Drive	1
28	98−9008	V−Belt	1
29	98−0809	Fan	1
30	323−5	Screw−HH	4
31	98−7321	Clutch−Modulating Fan	1
32	70−5710	Filter−Fuel	1
33	99−1929	Asm−Solenoid	1
34	33013−00	Nut	2
35	3253−3	Washer−Lock	5
36	33093−00	Washer−Flat	3
37	99−1930	Rod−Connecting	1
38	33103−016	Screw	1
39	99−1931	Rod−Support	1
40	99−1928	Bracket−Mounting	1
41	33103−050	Screw	2
*	98−7327	Asm−Solenoid, Run (Incl. Ref. #33−41)	1

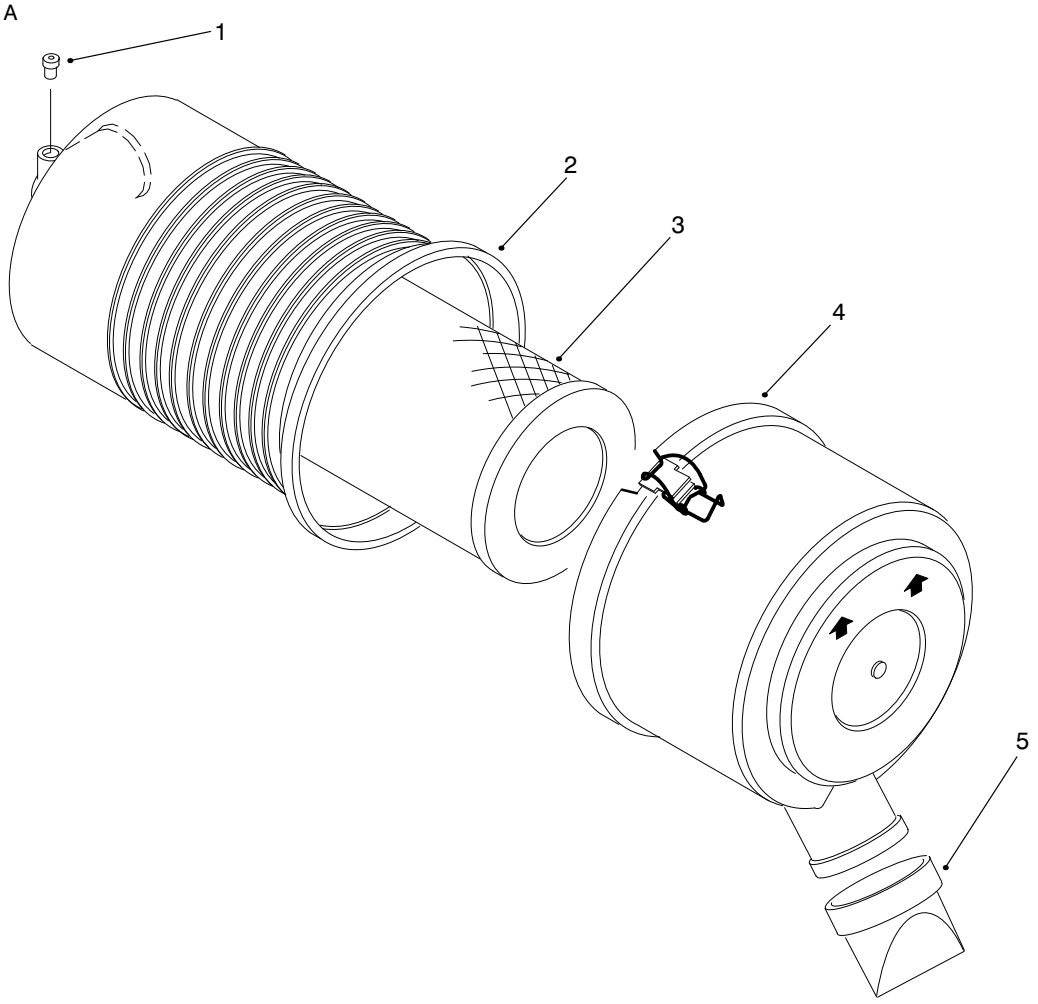


T−2837-2

MUFFLER & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412−110	Clamp−Hose	3
2	95−6459	Hose−Air Inlet	2
3	95−6474	Asm−Exhaust Tube	1
4	3256−24	Washer−Flat	3
5	3253−6	Washer−Lock	5
6	69−9710	Nut−Lock	3
7	69−9420	Muffler−Exhaust	7
8	20−4840	Clamp−Muffler	2
9	95−6463	Bracket−Muffler	9
10	323−6	Screw−HH	2
11	33115−025	Screw−HH	2
12	322−3	Screw−HH	2
13	98−0833	Band−Air Cleaner	1
14	3253−4	Washer−Lock	2
15	3256−23	Washer−Flat	4

Ref. No.	Part No.	Description	No. Used
16	33114−020	Screw−HH	4
17	95−6462	Bracket−Air Cleaner	1
18	32128−25	Nut−HHF	2
19	98−0800	Asm−Air Cleaner	1
20	95−6457	Hose−Air Outlet	1
21	95−6461	Tube−Intake	1
22	95−6458	Hose−Air Outlet	1
23	2412−42	Clamp−Hose	1
24	98−7347	Clamp−Hose	2
25	32128−21	Nut−HHF	2
26	95−6464	Bracket−Manifold	1
27	69−1940	Indicator−Electrical	1
28	94−1416	Adapter	1
29	99−2277	Gasket	1



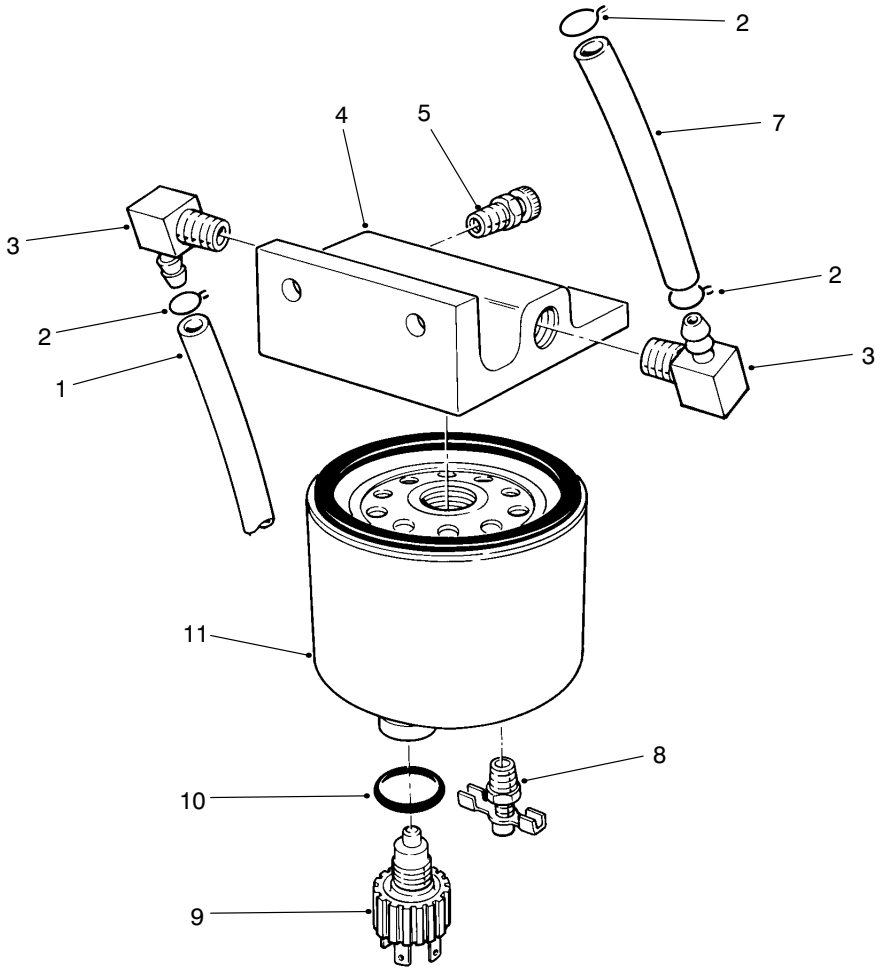
T−2252−1

AIR CLEANER ASSEMBLY NO. 98−0800

Ref. No.	Part No.	Description	No. Used
†1		Plug	1
†2		Asm−Body	1
3	98−0801	Asm−Element	1

Ref. No.	Part No.	Description	No. Used
4	98−0802	Asm−Cover	1
5	98−0803	Valve	1

† Not Serviceable

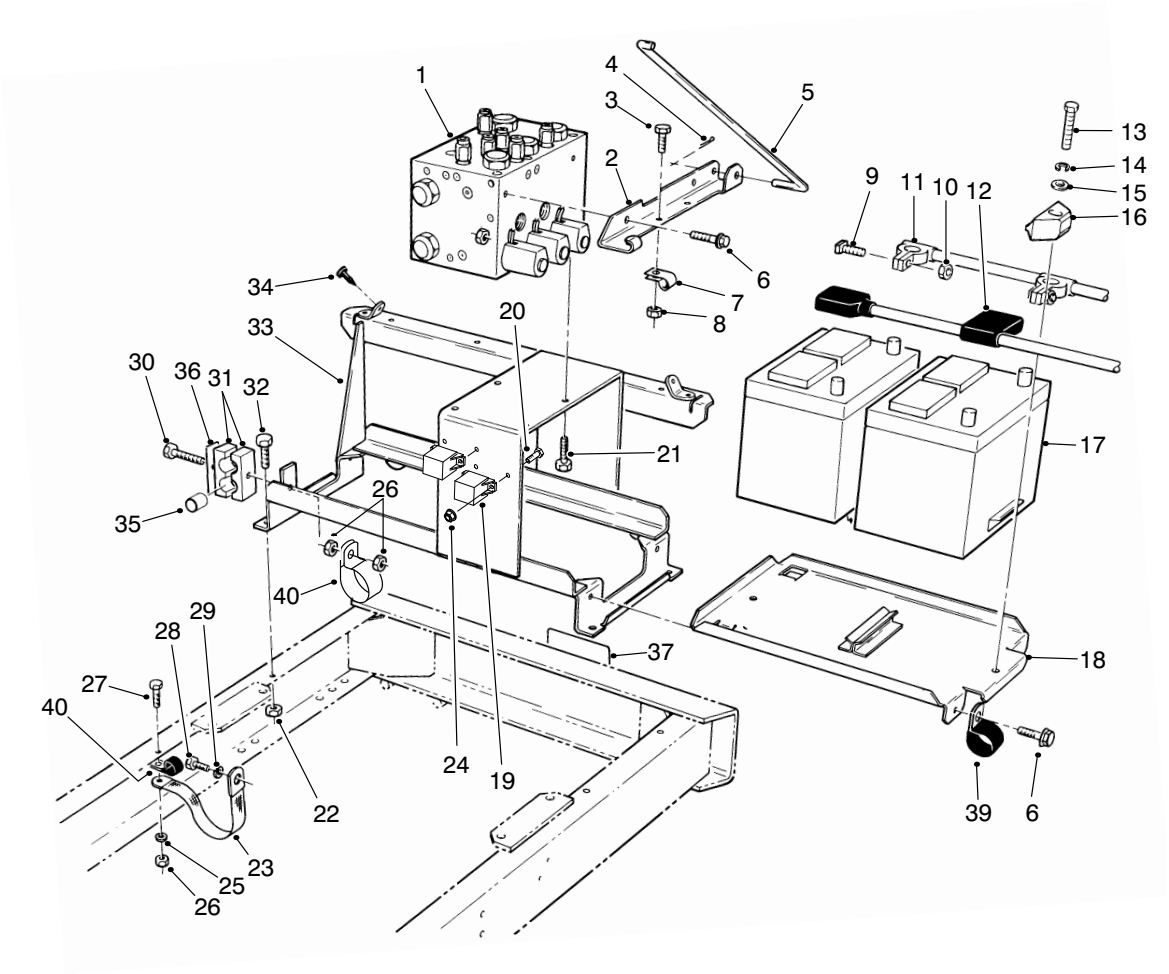


T−0378−1

FUEL/WATER FILTER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	37−9560	Hose−Fuel	1
2	2412−108	Clamp−Hose	3
3	353−781	Fitting−Fuel Elbow	2
4	63−8280	Head−Fuel Filter (Incl. Ref. #5)	1
5	63−8290	Vent−Air	1
7	71−2690	Hose−Fuel	1
8	63−8310	Valve−Drain	1
9	69−1760	Sensor−Water	1
10	237−154	O−Ring	1
11	69−1770	Element−Spin−On (Incl. Ref. #6)	1
*	69−1750	Asm−Fuel Filter (Incl. Ref. #4, 5 & 8−11)	1

* Not Illustrated



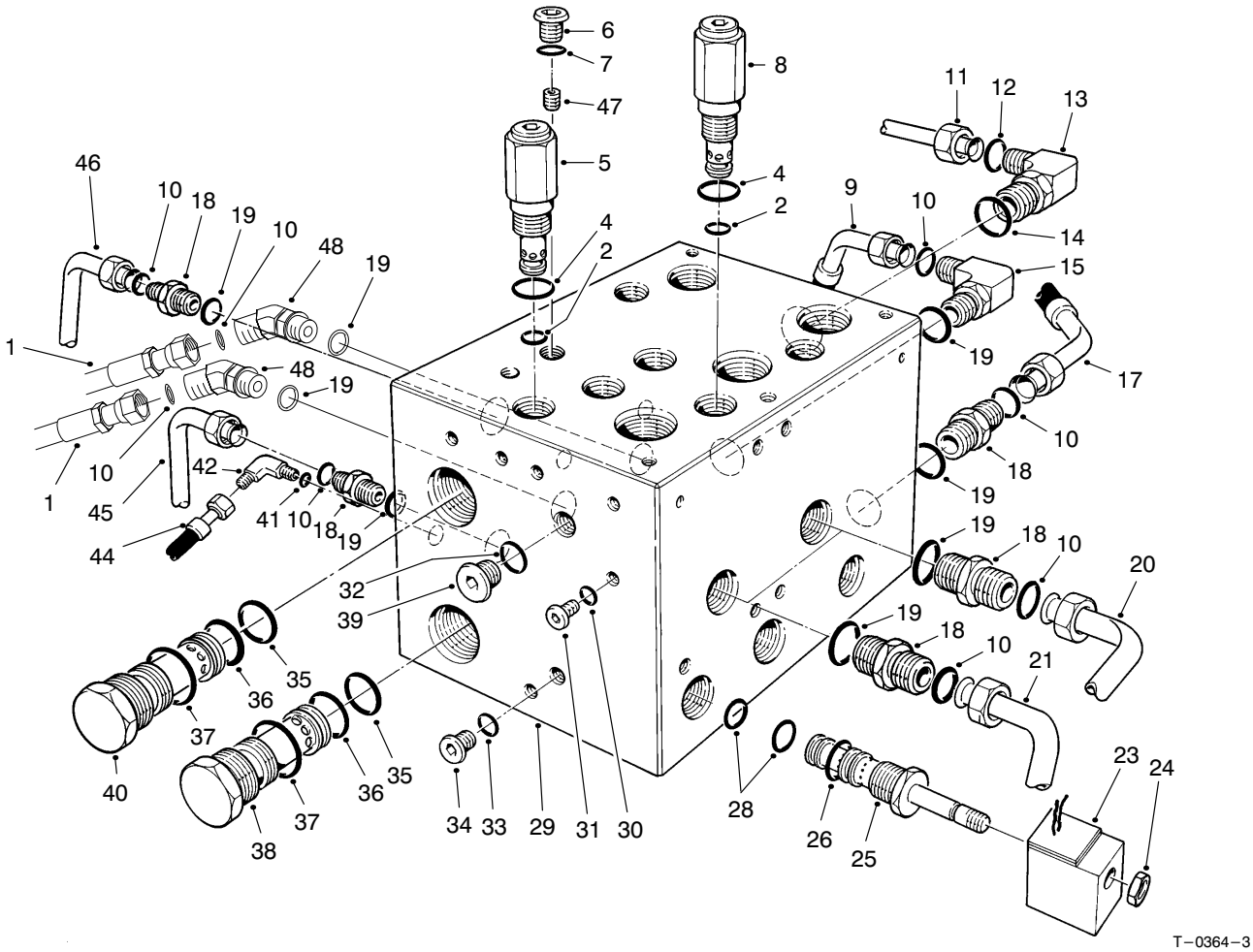
T−0346−3

BATTERY FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	95−5908	Asm−Manifold (Power Take Off)	1
2	69−9350	Bracket−Hood Prop Rod	1
3	321−3	Screw−HH	3
4	3272−6	Pin−Cotter	1
5	69−9120	Rod−Hood Prop	1
6	3234−17	Screw−HFH	4
7	2412−73	Clamp−R	3
8	32149−2	Nut−Keps	3
†9		Bolt−Clamp	4
†10		Nut−Clamp	4
11	95−1839	Cable−Negative	1
12	98−7308	Cable−Positive	1
13	323−9	Screw−HH	2
14	3253−21	Washer−Lock	2
15	3256−24	Washer−Flat	2
16	66−2490	Hold−Down−Battery	2
‡17		Battery (Type 24, LTV)	2
18	80−0160	Tray−Battery	1
19	66−8800	Relay	2
20	3290−321	Screw−HH	4

Ref. No.	Part No.	Description	No. Used
21	323−4	Screw−HH	4
22	32152−2	Nut−Lock	4
23	18−2770	Strap−Ground	1
24	3296−2	Nut−Lock	4
25	3254−2	Washer−Lock	1
26	32152−1	Nut−Lock	3
27	322−5	Screw−HH	1
28	69−0060	Screw−HH	1
29	48−8070	Washer−Lock	1
30	322−11	Screw−HH	1
31	56−7974	Clamp−Hydraulic Lines	2
32	323−6	Screw−HH	4
33	69−8290	Frame−Battery	1
34	237−37	Bumper−Rubber	4
35	23−7250	Spacer	1
36	69−9761	Plate−Clamp	1
37	72−4080	Decal−Danger	1
38	2412−41	Clamp	1
39	2412−39	Clamp	1
40	2412−104	Clamp−R	2

† Not Serviceable Separately
‡ Obtain locally

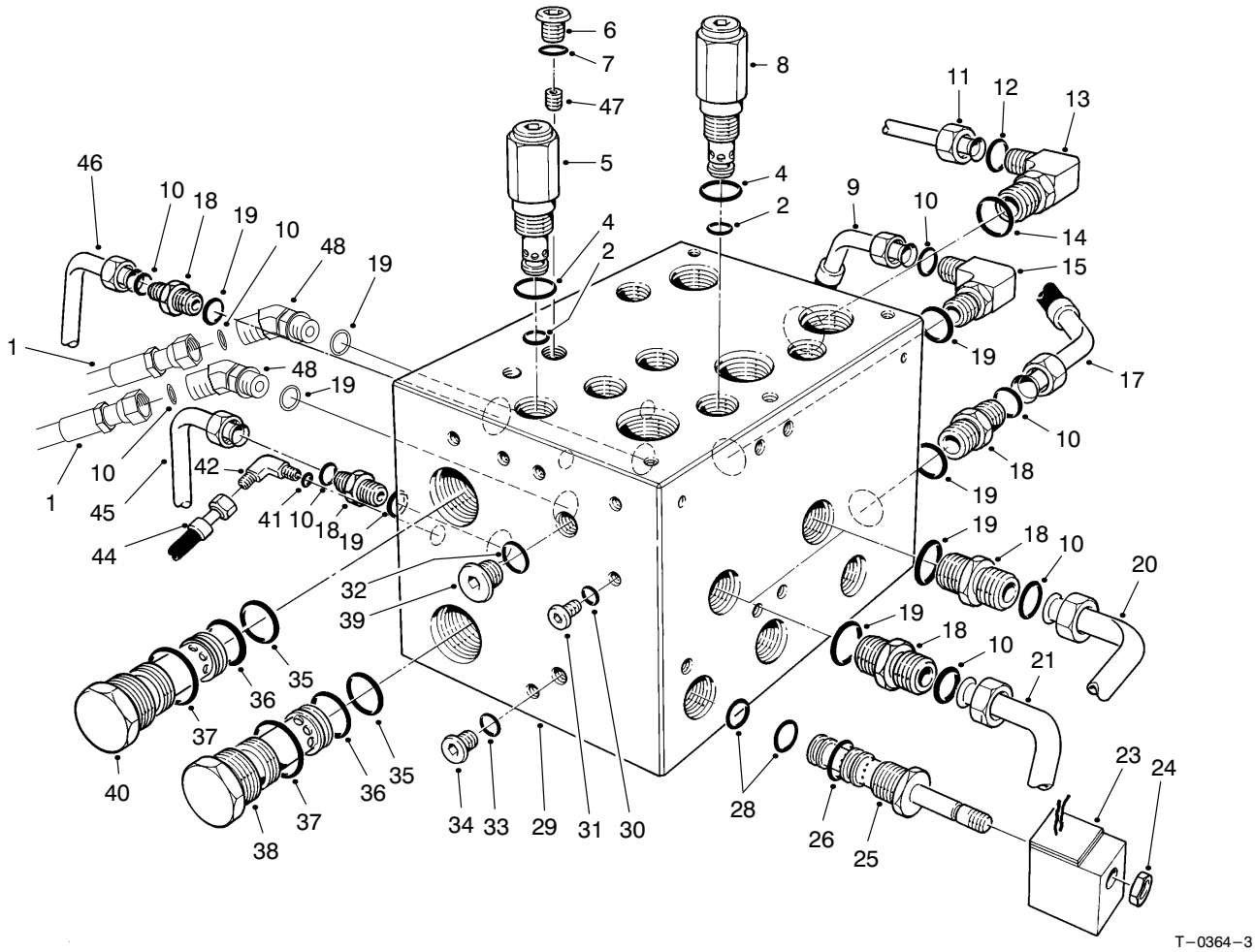


PTO MANIFOLD ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	98–0655	Hose–Hydraulic	2
†2		O–Ring	6
†4		O–Ring	6
5	95–5640	Valve–Cartridge (600 lbs) (Incl. Ref. #2–4)	3
6	353–989	Plug (Incl. Ref. #7)	1
7	237–42	O–Ring	1
8	95–5635	Valve–Cartridge (3000 lbs) (Incl. Ref. #2–4)	3
9	69–5600	Hose–Hydraulic	1
10	237–58	O–Ring	8
11	69–6160	Tube–Hydraulic	1
12	340–65	O–Ring	2
13	340–129	Fitting–Hydraulic Elbow (Incl. Ref. #12 & 14)	1
14	237–146	O–Ring	1
15	340–142	Fitting–Hydraulic Elbow (Incl. Ref. #10 & 16)	1
17	69–5610	Hose–Hydraulic	1
18	340–9	Fitting–Hydraulic Straight (Incl. Ref. #10 & 19)	5
19	237–81	O–Ring	8
20	69–6180	Tube–Hydraulic	1
21	69–6170	Tube–Hydraulic	1
23	88–9190	Asm–Solenoid Coil	3
24	3219–10	Nut–Jam	3

Ref. No.	Part No.	Description	No. Used
25	95–5639	Spool–Solenoid Valve (Incl. Ref. #24, 26–28)	3
†26		O–Ring	3
†28		O–Ring	6
†29		Manifold–Power Take Off	1
30	237–156	O–Ring	30
31	353–991	Plug (Incl. Ref. #30)	30
32	237–79	O–Ring	4
33	237–78	O–Ring	1
34	353–990	Plug (Incl. Ref. #33)	1
†35		O–Ring	6
†36		O–Ring	6
†37		O–Ring	6
38	95–5637	Valve–Cartridge (75 lbs) (Incl. Ref. #35–37)	3
39	353–988	Plug (Incl. Ref. #32)	4
40	95–5636	Valve–Cartridge (20 lbs) (Incl. Ref. #35–37)	3
41	237–78	O–Ring	2
42	353–431	Fitting–Hydraulic 45° (Incl. Ref. #41 & 43)	2
44	93–7423	Hose–Diagnostic	2
45	69–6140	Tube–Hydraulic	1
46	69–6150	Tube–Hydraulic	1

† Not Serviceable Separately

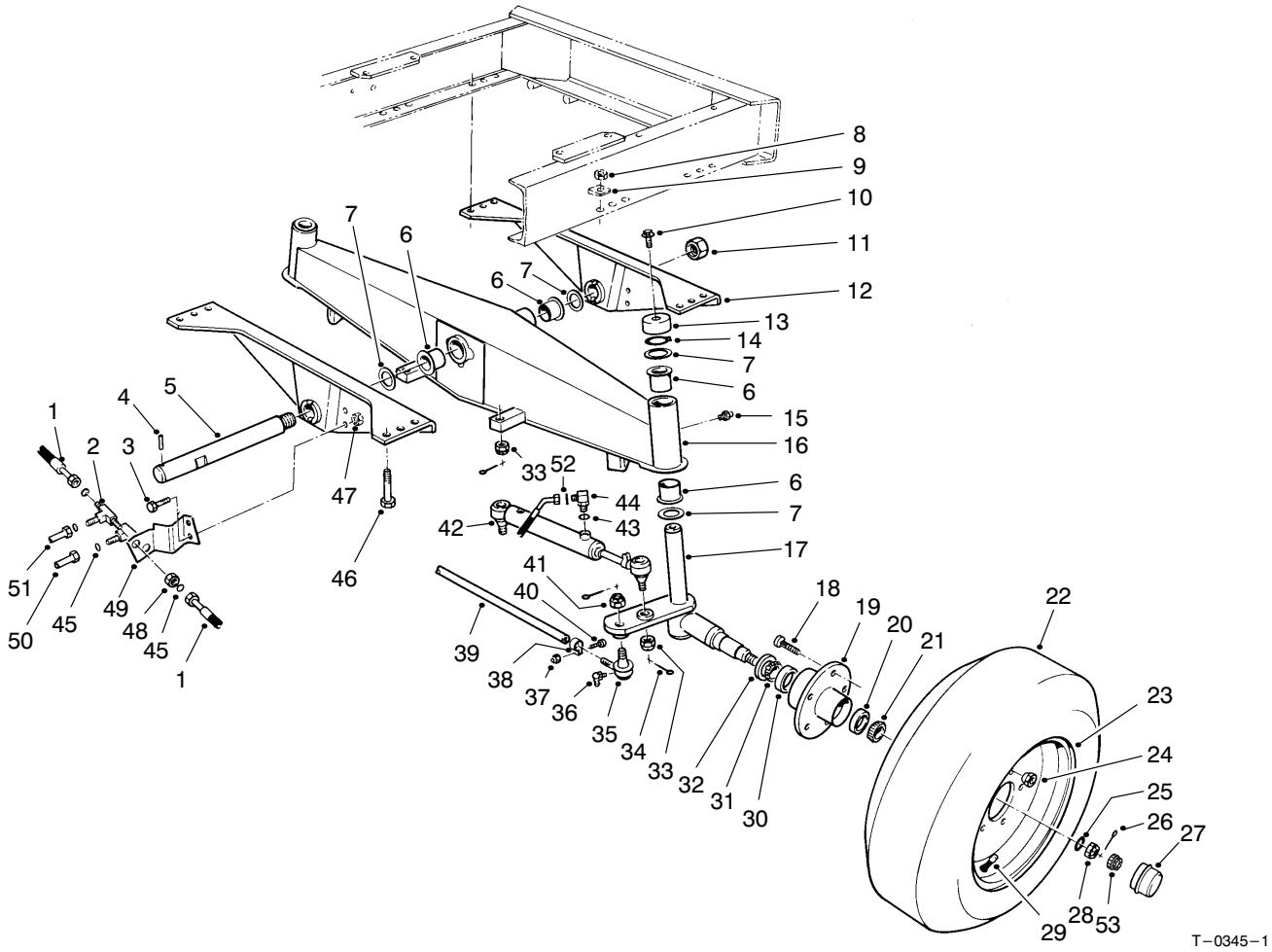


PTO MANIFOLD ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	69−4220	Plug−Orifice	1
48	98−0657	Fitting−Hydraulic (Incl. Ref. #)	2
*	95−5645	Kit−Cartridge Valve Seal (Incl. Ref. #2 & 4)	6
*	95−5644	Kit−Cartridge Valve Seal (Incl. Ref. #35−37)	6

Ref. No.	Part No.	Description	No. Used
*	95−5643	Kit−Solenoid Valve Seal (Incl. Ref. #26−28)	3
*	95−5908	Asm−Manifold (Power Take Off) (Incl. Ref. #2, 4−8, 22−40 & 47)	1

* Not Illustrated

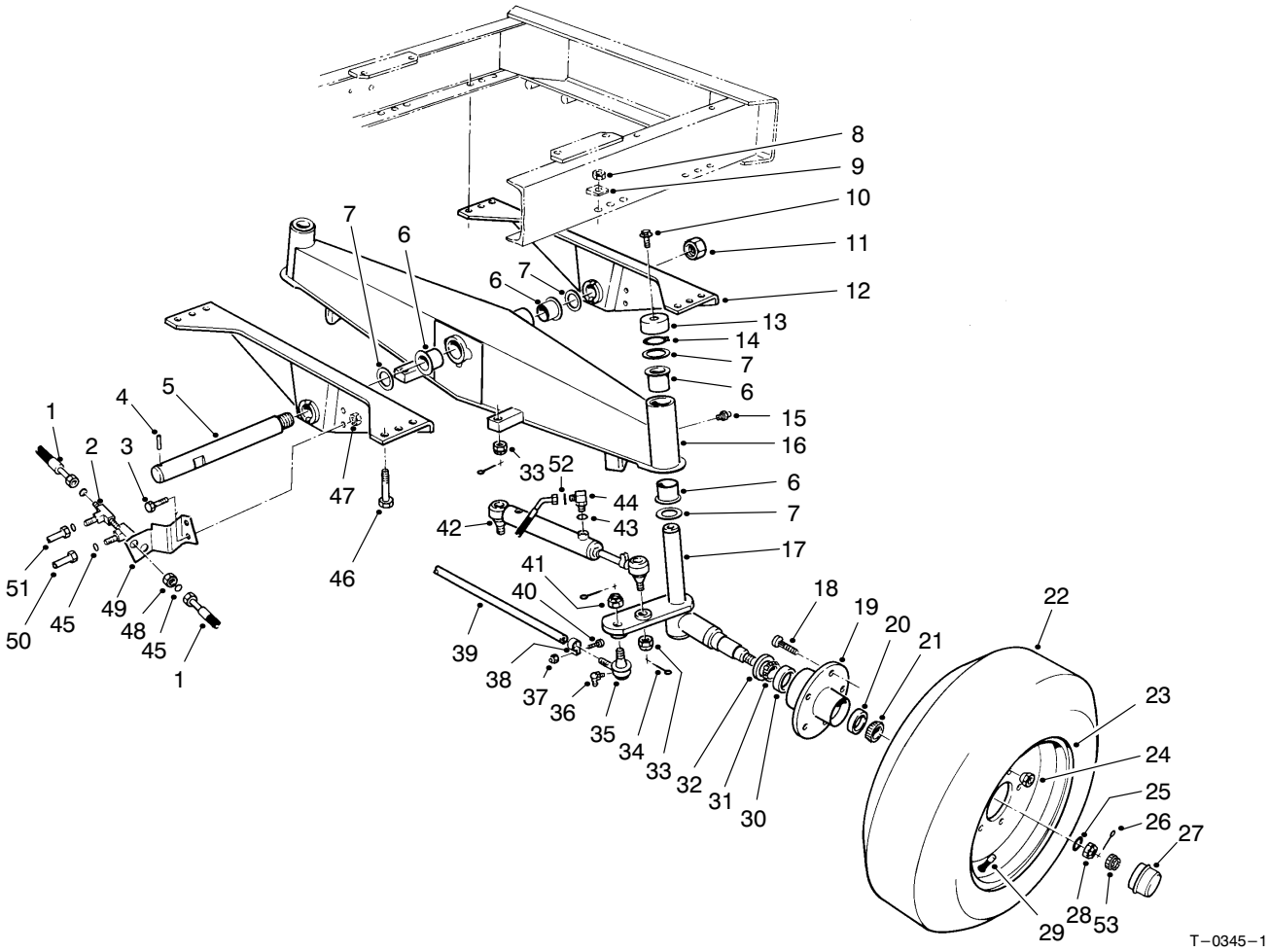


REAR AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69−5510	Hose−Hydraulic	4
2	340−68	Fitting−Hydraulic Bulkhead Tee (Incl. Ref. #45)	2
3	323−6	Screw−HH	2
4	32121−110	Pin−Roll	1
5	71−2590	Shaft−Pivot	1
6	69−6470	Bushing−Flange	6
7	256−304	Washer−Thrust	6
8	32128−23	Nut−Lock	12
9	3290−216	Washer−Bevel	12
10	3234−12	Screw−HFH	2
11	3296−68	Nut−Lock	1
12	69−7960	Support−Axle	2
13	69−8890	Cap−Spindle	2
14	32151−10	Ring−Retaining	2
15	302−5	Fitting−Grease	3
16	69−7420	Axle−Rear (Incl. Ref. #6 & 15)	1
17	93−0311	Spindle−Wheel LH	1
*	93−0310	Spindle−Wheel RH	1
18	69−2990	Screw−Drive	10
19	69−2960	Hub−Rear Wheel (Incl. Ref. #18, 20 & 30)	2
20	254−72	Cup−Bearing Outer	2
21	254−92	Cone−Bearing Outer	2
22	69−9880	Tire	2
23	217−116	Rim	2

Ref. No.	Part No.	Description	No. Used
24	23−7270	Nut−Lug	10
25	93−0309	Washer	2
26	3272−13	Pin−Cotter	2
27	69−2970	Cap−Hub	2
28	3220−7	Nut−Jam	2
29	232−27	Stem−Valve	2
30	254−107	Cup−Bearing Inner	2
31	254−106	Cone−Bearing Inner	2
32	69−2980	Seal−Inner	2
33	32136−13	Nut−Castle	4
34	3272−12	Pin−Cotter	6
35	2116−4	Joint−Ball RH	1
*	2116−3	Joint−Ball LH	1
36	302−33	Fitting−Grease	2
†37		Nut−Lock	2
38	2412−7	Asm−Clamp (Incl. Ref. #37 & 40)	2
39	3−3710	Asm−Tie Rod (Incl. Ref. #35−41)	1
†40		Screw−HH	2
41	32136−2	Nut−Castle	2
42	98−0661	Asm−Hydraulic Cylinder	2
43	237−78	O−Ring	4
44	340−132	Fitting−Hydraulic Elbow (Incl. Ref. #43 & 52)	4
45	237−22	O−Ring	6
46	325−6	Screw−HH	12

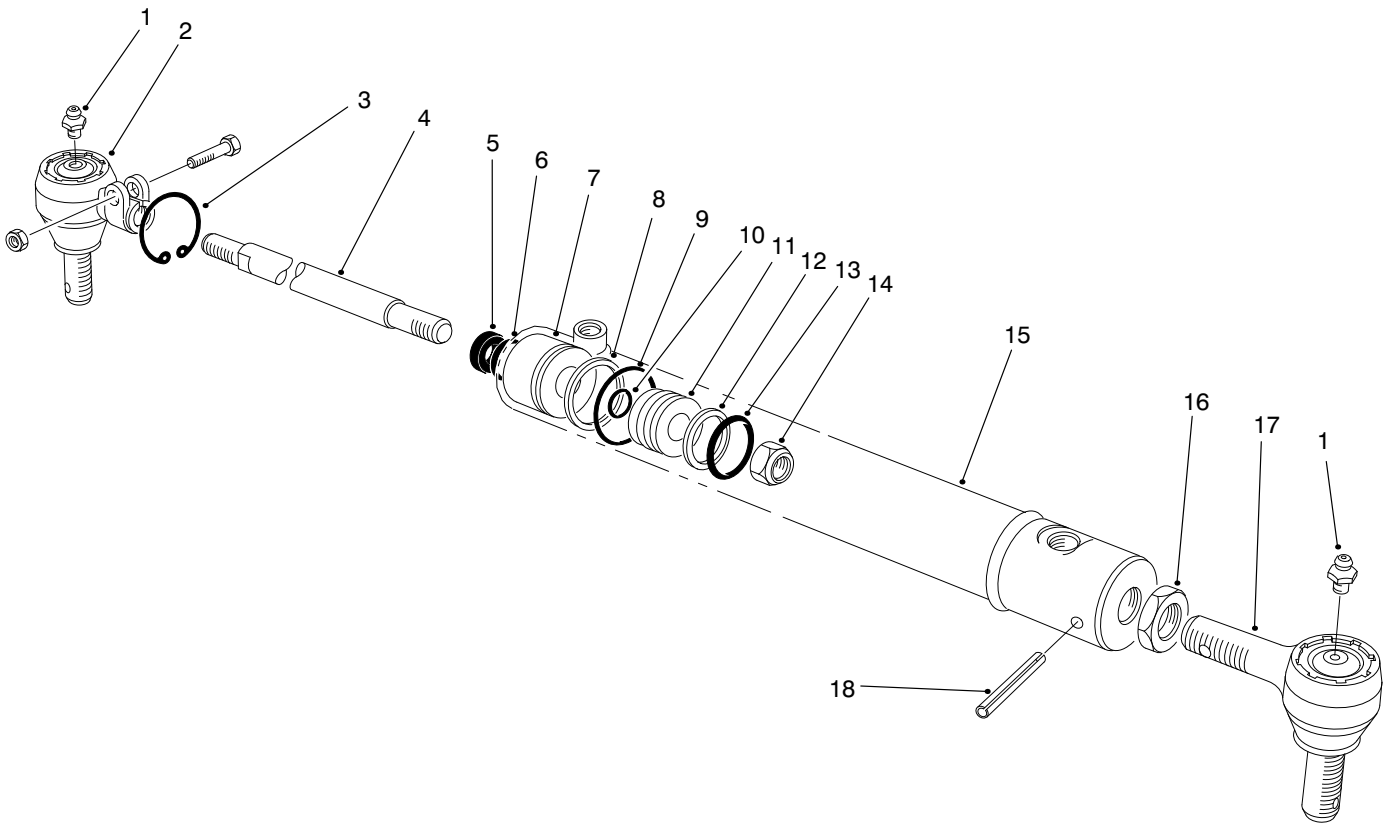
* Not Illustrated
† Not Serviceable Separately



REAR AXLE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
47	32152−2	Nut−Lock	2
48	340−70	Nut−Bulkhead	2
49	95−6487	Bracket−Hose Support	1
50	69−6010	Tube−Hydraulic	1

Ref. No.	Part No.	Description	No. Used
51	69−6020	Tube−Hydraulic	1
52	237−21	O−Ring	4
53	93−0307	Nut−Retainer	2



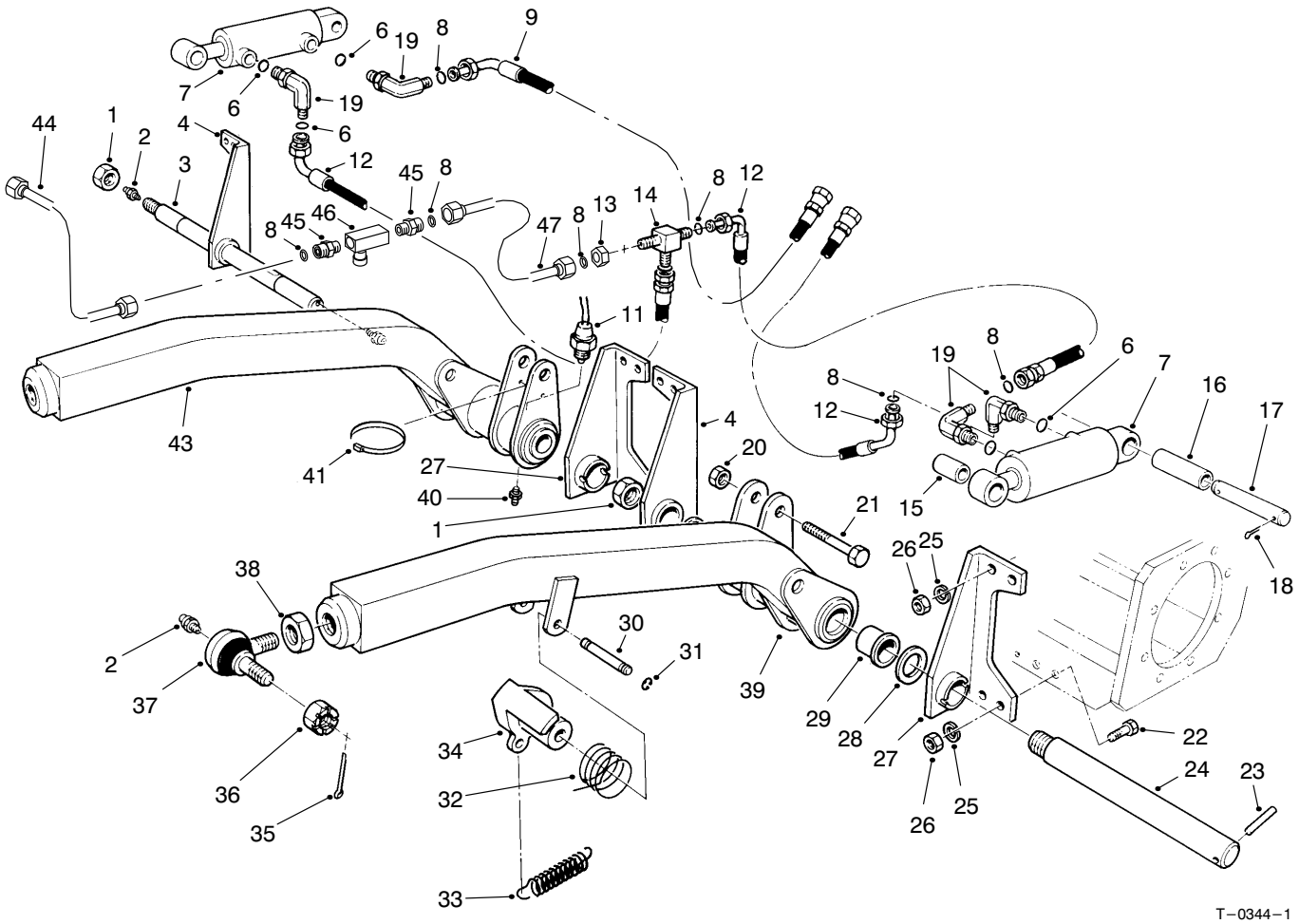
T−0378−3

HYDRAULIC CYLINDER ASSEMBLY NO. 98−0661

Ref. No.	Part No.	Description	No. Used
1	302−5	Fitting−Grease	2
2	69−9810	Joint−Ball	1
3		Ring−Retaining	1
4	98−0666	Rod−Piston	1
5		Wiper−Rod	1
6		Seal−U−Cup	1
7	98−0664	Ring−Head	1
8		Ring−Back−Up	1
9		O−Ring	1
10		O−Ring	1
11	98−0665	Piston	1
12		Ring−Piston	1

Ref. No.	Part No.	Description	No. Used
13		O−Ring	1
14	43−5130	Nut−Lock	1
15		Barrel−Cylinder	1
16	69−1980	Nut−Jam	1
17	82−5730	Joint−Ball	1
18	32121−34	Pin−Roll	1
*	98−0667	Kit−Repair (Incl. Ref. #3, 5, 6, 8−10 & 12−13)	1
*	98−0661	Steering Cylinder (Complete) (Incl. Ref. #3−18)	2

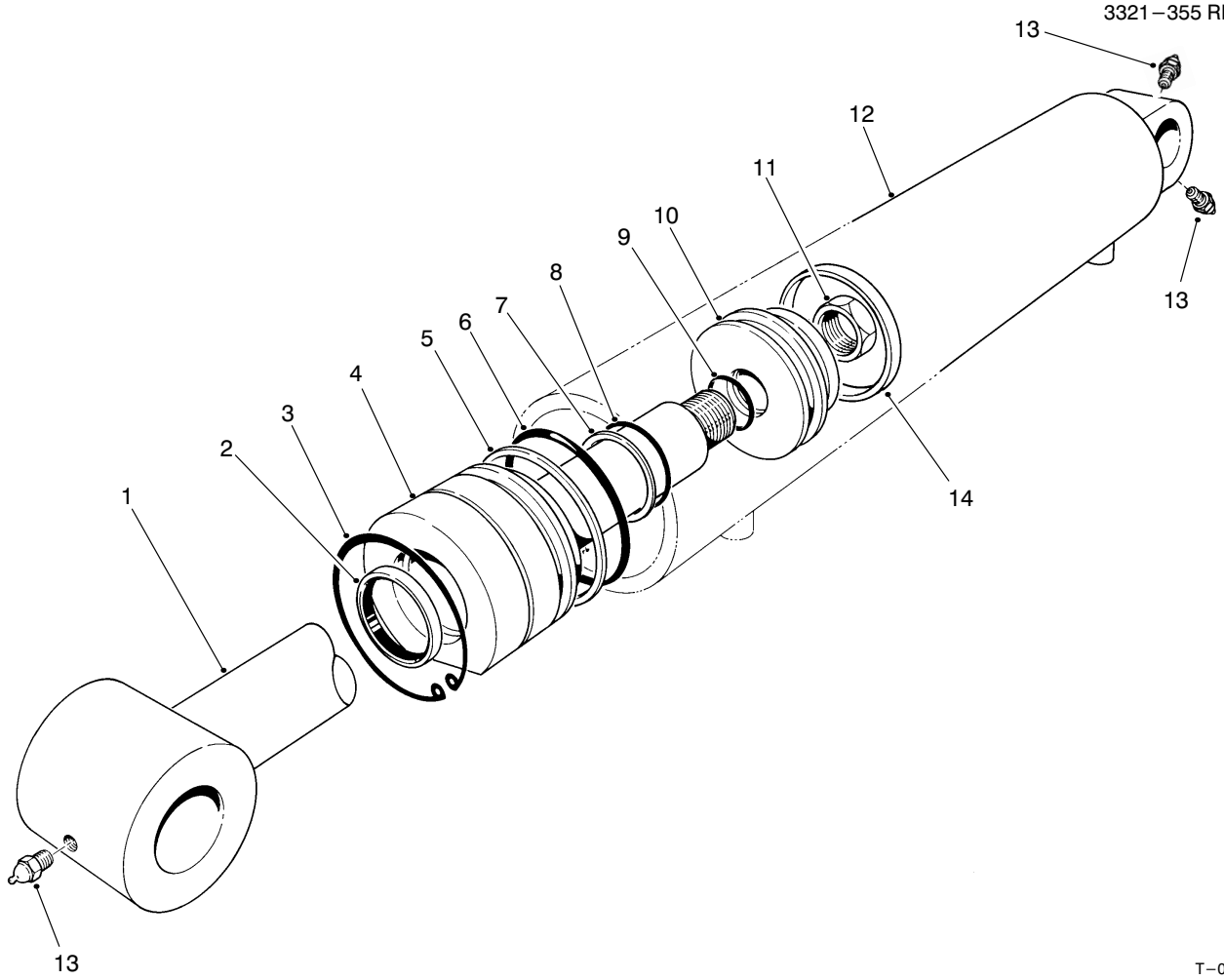
* Not Illustrated



FRONT LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3296−68	Nut−Lock	2
2	302−2	Fitting−Grease	4
3	71−2570	Shaft−Pivot	1
4	69−7940	Support−Lift Arm RH	2
6	237−42	O−Ring	4
7	92−4971	Asm−Hydraulic Cylinder	2
8	237−22	O−Ring	9
9	69−8440	Hose−Hydraulic	1
11	72−4310	Switch−Ball	1
12	69−5440	Hose−Hydraulic	3
13	340−70	Nut−Bulkhead	1
14	340−68	Fitting−Hydraulic Bulk. Tee (Incl. Ref. #8)	1
15	98−7346	Tube−Cylinder Bushing	2
16	20−4360	Tube−Spacer	2
17	69−9180	Pin−Cylinder	2
18	3272−23	Pin−Cotter	4
19	340−77	Fitting−Hydraulic Elbow (Incl. Ref. #6 & 8)	4
20	32153−6	Nut−Lock	2
21	328−5	Screw−HH	2
22	325−6	Screw−HH	12
23	32121−110	Pin−Roll	2
24	71−2590	Shaft−Pivot	1
25	3253−7	Washer−Lock	16

Ref. No.	Part No.	Description	No. Used
26	3217−9	Nut−Hex.	16
27	69−7920	Support−Lift Arm LH	2
28	256−304	Washer−Thrust	2
29	69−6470	Bushing−Flange	4
30	92−4806	Pin−Latch	1
31	32120−47	Ring−Retaining	2
32	69−8470	Spring−Torsion	1
33	76−1670	Spring−Extension	1
34	69−1540	Pivot−Spring	1
35	3272−12	Pin−Cotter	2
36	32136−2	Nut−Slotted	2
37	86−8100	Joint−Ball (Incl. Ref. #2 & 36)	2
38	21−3000	Nut−Jam	2
39	69−9580	Asm−Front Lift Arm, LH (Incl. Ref. #29 & 40)	1
40	302−5	Fitting−Grease	2
41	3290−378	Tie−Cable	1
43	69−9570	Asm−Front Lift Arm, RH (Incl. Ref. #29 & 40)	1
44	93−7426	Tube−Hydraulic	1
45	340−57	Fitting−Hydraulic Straight (Incl. Ref. #8)	2
46	93−1397	Valve−Flow Control	1
47	93−7427	Tube−Hydraulic	1



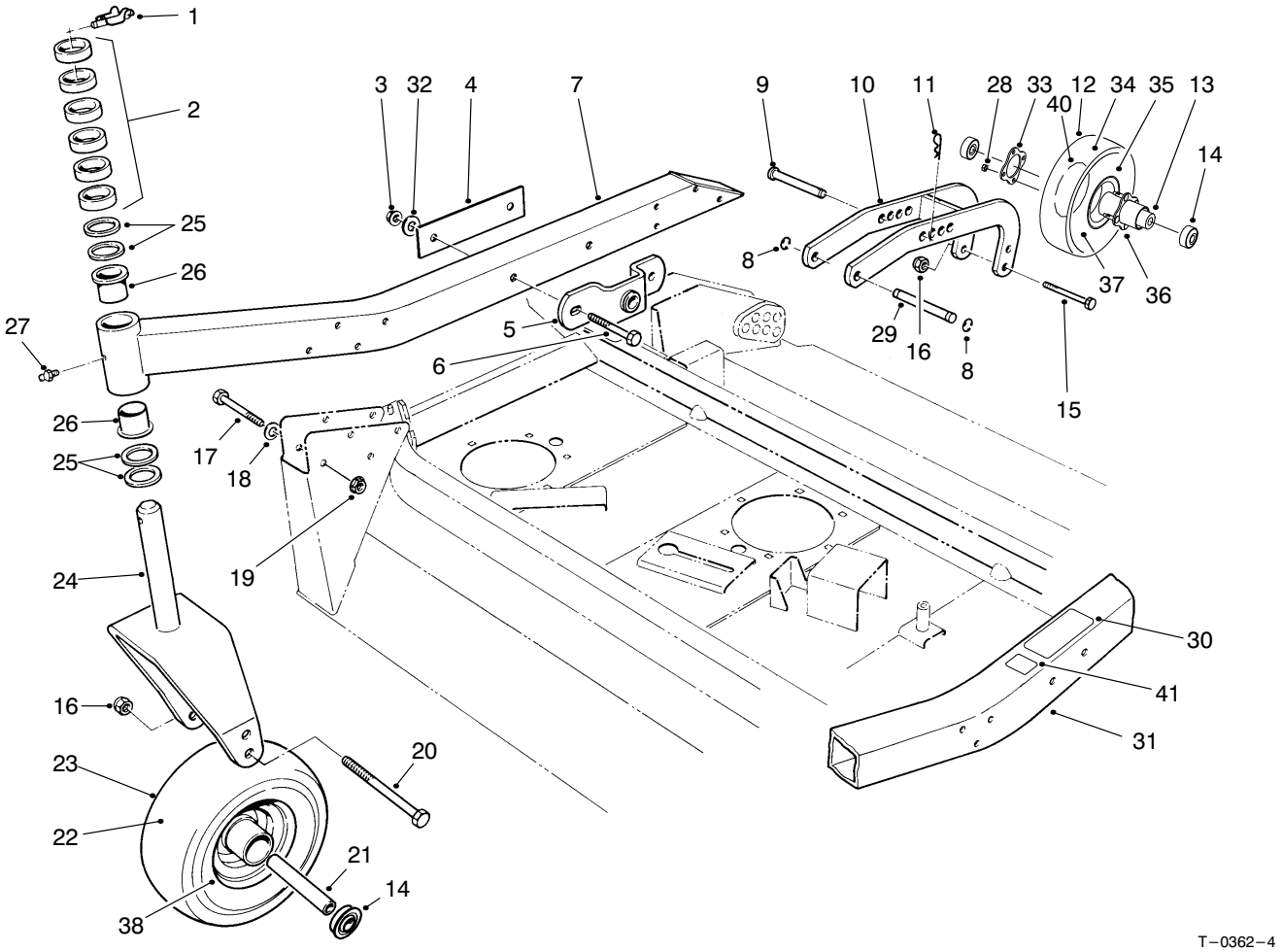
T–0380–1

HYDRAULIC CYLINDER ASSEMBLY NO. 92–4971

Ref. No.	Part No.	Description	No. Used
1	69–2580	Shaft w/clevis	1
†2		Seal–Dust	1
3	61–4990	Ring–Retaining	1
4	69–2570	Head	1
†5		Ring–Back–Up	1
†6		O–Ring	1
†7		Ring–Back–Up	1
†8		O–Ring	1

Ref. No.	Part No.	Description	No. Used
†9		Uni–Ring	1
10	60–9770	Piston	1
11	60–9760	Nut–Lock	1
†12		Barrel	1
13	302–5	Fitting–Grease	3
14		Seal–Uni–Ring	1
*	86–7350	Kit–Seal Repair (Incl. Ref. #2 & 5–9)	1

* Not Illustrated
†‡ Not Serviceable Separately

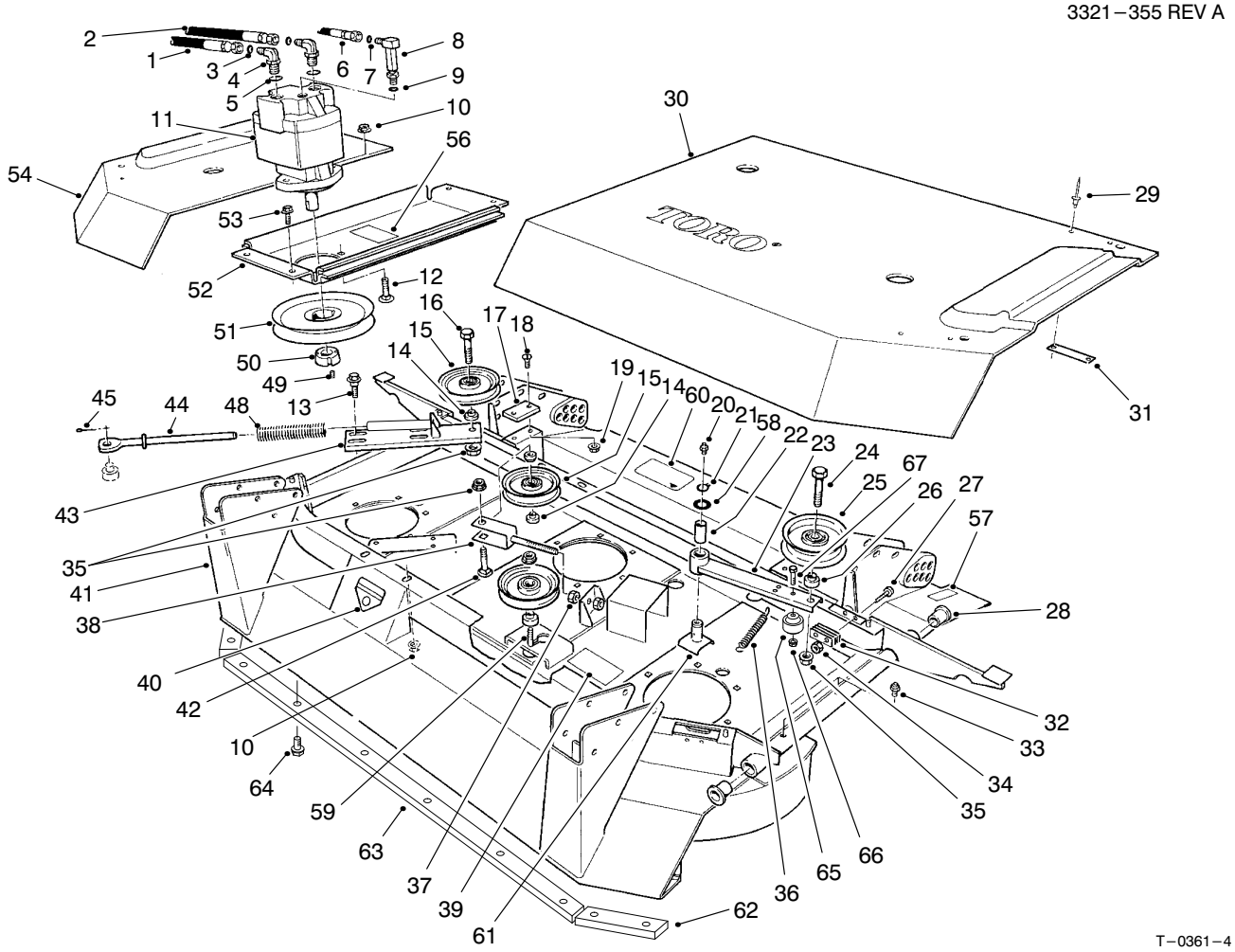


T−0362−4

CENTER DECK MODEL NO. 30592
CARRIER FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3290−384	Pin−Lynch	2
2	69−1510	Spacer−Caster	12
3	32128−23	Nut−HHF	4
4	69−8790	Plate−Reinforcing	2
5	69−7290	Mount−Ball Joint	2
6	325−15	Screw−HH	4
7	69−8860	Arm−Castor RH (Incl. Ref. #26−27)	1
8	32151−48	Ring−Retaining	4
9	283−70	Pin−Hitch (Incl. Ref. #11)	2
10	98−3047	Arm−Pivot	2
11	3290−343	Pin−Cotter Hair	2
12	93−4240	10” Wheel−Pneumatic (Incl. Ref. #13−14, 28, 33−37, & 40)	2
13	93−4241	Spacer	2
14	93−4237	Bearing	8
15	327−24	Screw HH	2
16	3296−53	Nut−Lock	4
17	323−15	Screw−HH	16
18	5−0838	Washer−Flat	16
19	32128−43	Nut−HHF	16
20	327−25	Screw−HH	2

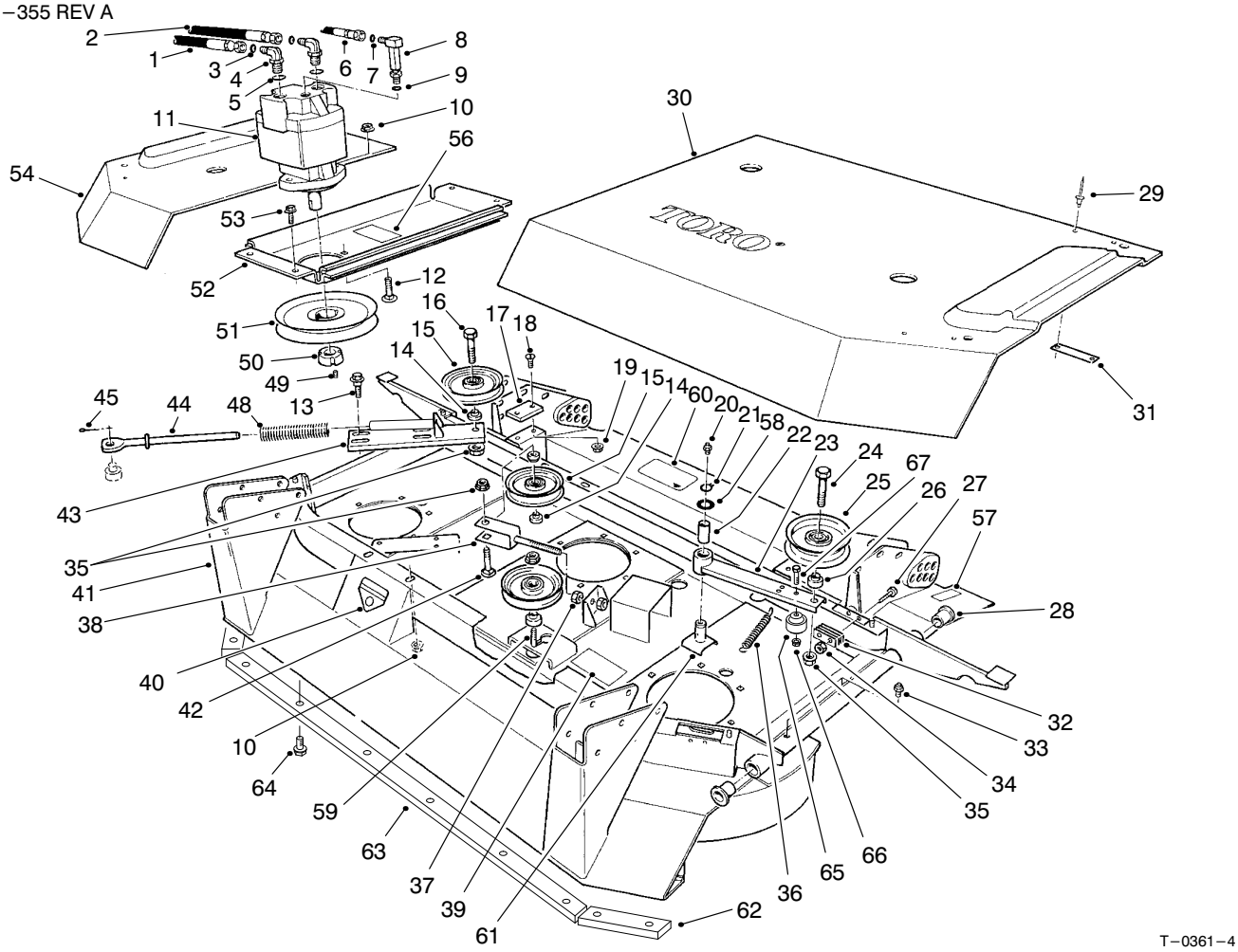
Ref. No.	Part No.	Description	No. Used
21	93−5630	Spacer−Bearing	2
22	98−7313	Tire−12”	2
23	98−7312	Wheel−Pneumatic, 12” (Incl. Ref. #14, 21−22 & 38)	2
24	98−7302	Fork−Castor	2
25	69−6860	Washer−Castor	8
26	69−6470	Bushing−Flange	4
27	302−5	Fitting−Grease	2
28	32128−16	Nut−HHF	8
29	69−9260	Pin−Clevis	2
30	95−0818	Decal−Torque	1
31	13−5069	Arm−Castor LH (Incl. Ref. #26−27, & 30)	1
32	30−8770	Washer−Flat	4
33	93−4242	Plate	2
34	93−4243	Tire−10”	2
35	93−4239	Rim−Wheel	4
36	93−5980	Hub	2
37	93−4244	Tube−w/Valve	2
38	93−5631	Rim−Wheel	2
40	95−2741	Rim−Wheel	2
41	93−7252	Decal−CE	1



CENTER DECK MODEL NO. 30592

Ref. No.	Part No.	Description	No. Used
1	76–2760	Asm–Hydraulic Hose	1
2	76–2750	Asm–Hydraulic Hose	1
3	237–58	O–Ring	2
4	95–1692	Fitting–Hydraulic Elbow (Incl. Ref #3 & 5)	2
5	237–81	O–Ring	2
6	76–2770	Asm–Hydraulic Hose	1
7	237–22	O–Ring	1
8	69–4320	Fitting–Hydraulic 90° (Incl. Ref. #7 & 9)	1
9	237–42	O–Ring	1
10	32128–21	Nut–HHF	6
11	94–4907	Motor–Hydraulic	1
12	3231–28	Bolt–CARR	2
13	19–1470	Bolt–Shoulder	4
14	69–6960	Spacer–Idler	4
15	63–1540	Pulley–Idler	3
16	325–7	Screw–HH	1
17	69–9290	Pad–Bumper	2
18	32108–103	Screw–Flat Hd.	4
19	32128 –20	Nut–HHF	4
20	302–2	Fitting–Grease	1
21	32120–72	Ring–Retaining	1
22	256–188	Bushing–Sleeve	1
23	69–6610	Arm–Idler (Incl. Ref. #22)	1
24	325–8	Screw–HH	1
25	69–5430	Pulley–Idler	1

Ref. No.	Part No.	Description	No. Used
26	69–6970	Spacer–Idler	1
27	32105–1	Screw–Machine	8
28	92–3162	Bushing–Flange	4
29	3269–25	Rivet–Pop	8
30	69–6780	Cover–Center Left	1
31	69–6870	Plate–Magnet	4
32	69–6260	Magnet–Cover	4
33	302–5	Fitting–Grease	4
34	3296–2	Nut–Lock	8
35	32128–23	Nut–Flange Lock	4
36	76–1670	Spring–Extension	1
37	3217–9	Nut–Jam	2
38	69–6550	Arm–Tension	1
39	95–0833	Decal–Belt Routing	1
40	43–8480	Decal–Danger	1
41	13–4969	Deck–Center (Incl. Ref. #20, 28, 33, 39, 40 & 57)	1
42	3233–27	Bolt–CARR	1
43	98–0755	Plate–Tension	1
44	77–2830	Rod–Spring	1
45	3272–7	Pin–Cotter	1
48	86–7480	Spring–Compression	1
49		Screw–Set	2
50	23–1640	Bushing–Taper Lock (Incl. Ref. #49)	1
51	63–0660	Pulley–Drive	1

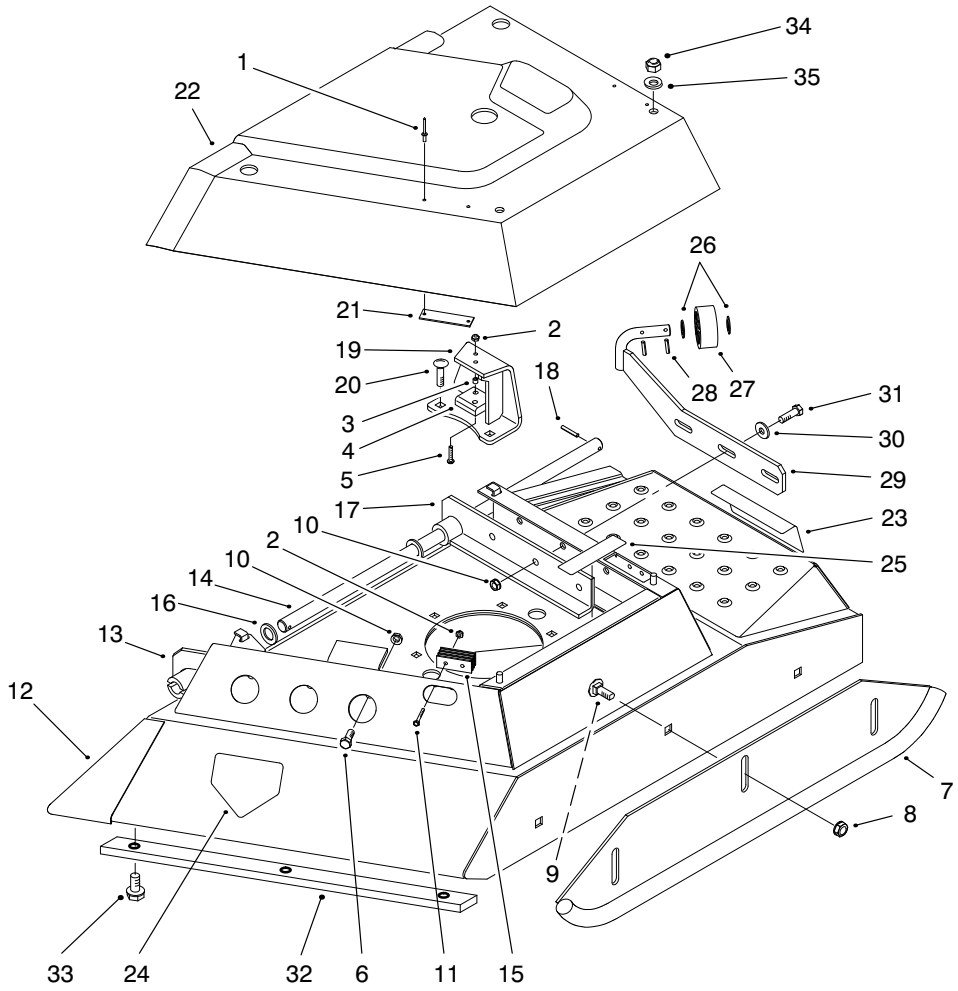


CENTER DECK MODEL NO. 30592 (Continued)

Ref. No.	Part No.	Description	No. Used
52	69−6390	Plate−Gearbox	1
53	3234−12	Screw−HFH	4
54	69−6790	Cover−Center Right	1
56	95−0845	Decal−Height of Cut	1
57	95−0817	Decal−Height of Cut	1
58	3−6498	Washer−Flat	1
59	3233−30	Bolt−CARR	1
60	66−1340	Decal−Danger	1
60	93−7824	Decal−Danger (Europe)	1
61	93−9324	Pivot−Idler	1

Ref. No.	Part No.	Description	No. Used
62	94−9820	Bar−Guard, Front RH & LH (Europe)	2
63	94−9819	Bar−Guard, Front Center (Europe)	1
64	32104−31	Screw−HW (Europe)	10
65	98−3038	Bushing−Idler	1
66	32149−1	Nut−Keps	1
67	322−6	Screw−HH	1
*	93−8457	Belt−Hex. Deck Drive	1
*	3290−378	Tie−Cable	2

* Not Illustrated



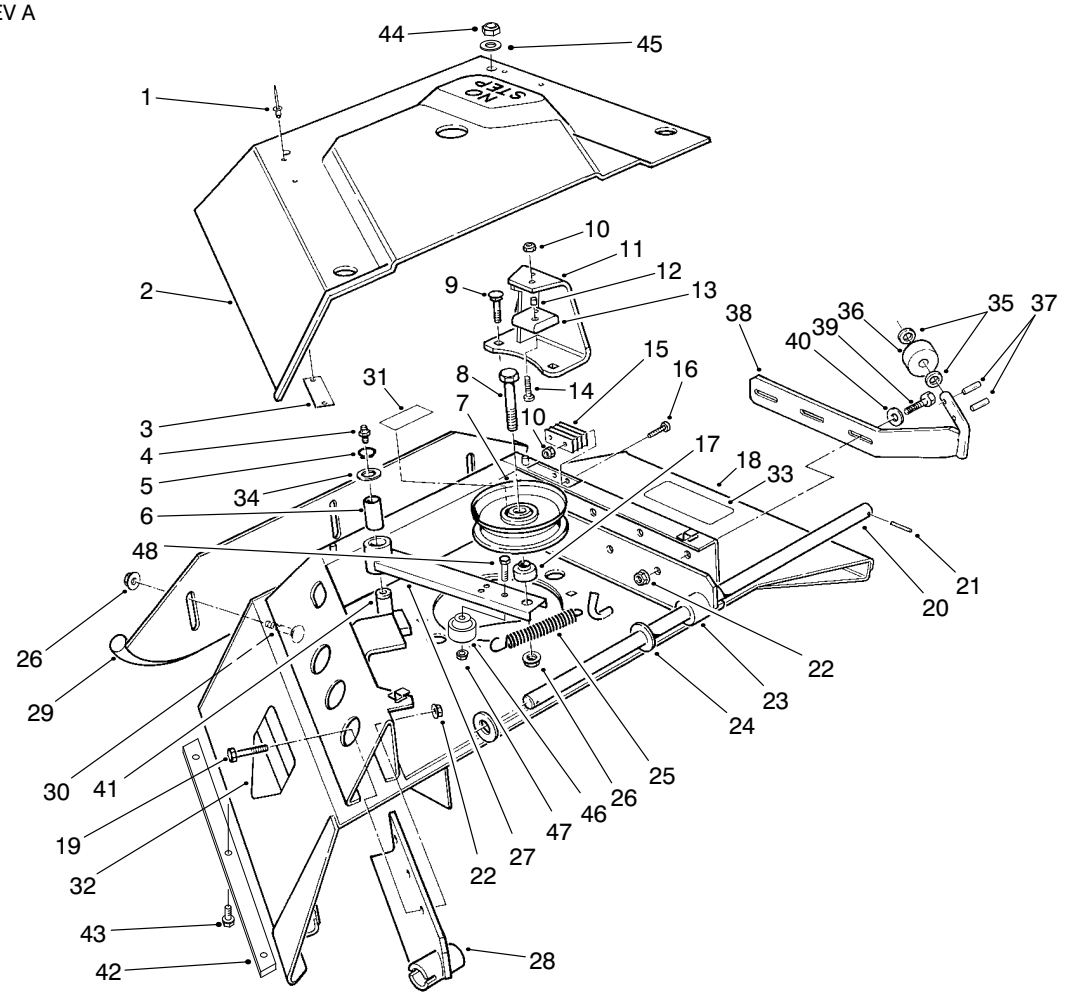
T−0366−3

CENTER DECK MODEL NO. 30592 LEFT WING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	3269−25	Rivet−Pop	4
2	3296−2	Nut−Lock	6
3	40−9520	Spacer−Split	2
4	40−0330	Cushion−Rubber	1
5	32122−28	Screw−Truss Hd.	2
6	323−6	Screw−HH	3
7	69−6730	Skid	1
8	32128−23	Nut−Flange Lock	3
9	3233−9	Bolt−CARR	3
10	32128−21	Nut−HHF	6
11	32105−1	Screw−Machine	4
12	13−4989	Deck−Left Wing (Incl. Ref. #23−25)	1
13	69−6640	Hinge−Left Front	1
14	69−6900	Shaft−Hinge	1
15	69−6260	Magnet−Cover	2
16	95−3297	Washer−Thrust	2
17	69−6670	Hinge−Left Rear	1
18	32121−6	Pin−Roll	2
19	94−6760	Bracket−Support	1
20	3231−25	Bolt−CARR	2

Ref. No.	Part No.	Description	No. Used
21	69−6870	Plate−Magnet	2
22	69−6850	Cover−Left Wing	1
23	66−1340	Decal−Danger	1
23	93−7824	Decal−Danger (Europe)	1
24	43−8480	Decal−Danger	1
24	93−7815	Decal−Danger (Europe)	1
25	67−5360	Decal−Danger	1
25	93−7273	Decal−Danger (Europe)	1
26	3256−69	Washer	2
27	82−4910	Roller	1
28	32121−4	Pin−Roll	2
29	88−9270	Bracket−Roller LH	1
30	5−0838	Washer−Flat	3
31	323−7	Screw−HH	3
32	94−9824	Bar− Guard, Front Wing LH (Europe)	1
33	32104−31	Screw−HH (Europe)	3
34	3296−29	Nut−Lock	2
35	3256−23	Washer−Flat	2
*	76−2060	V−Belt	1
*	42−6200	Shim−Cushion	A/R

* Not Illustrated



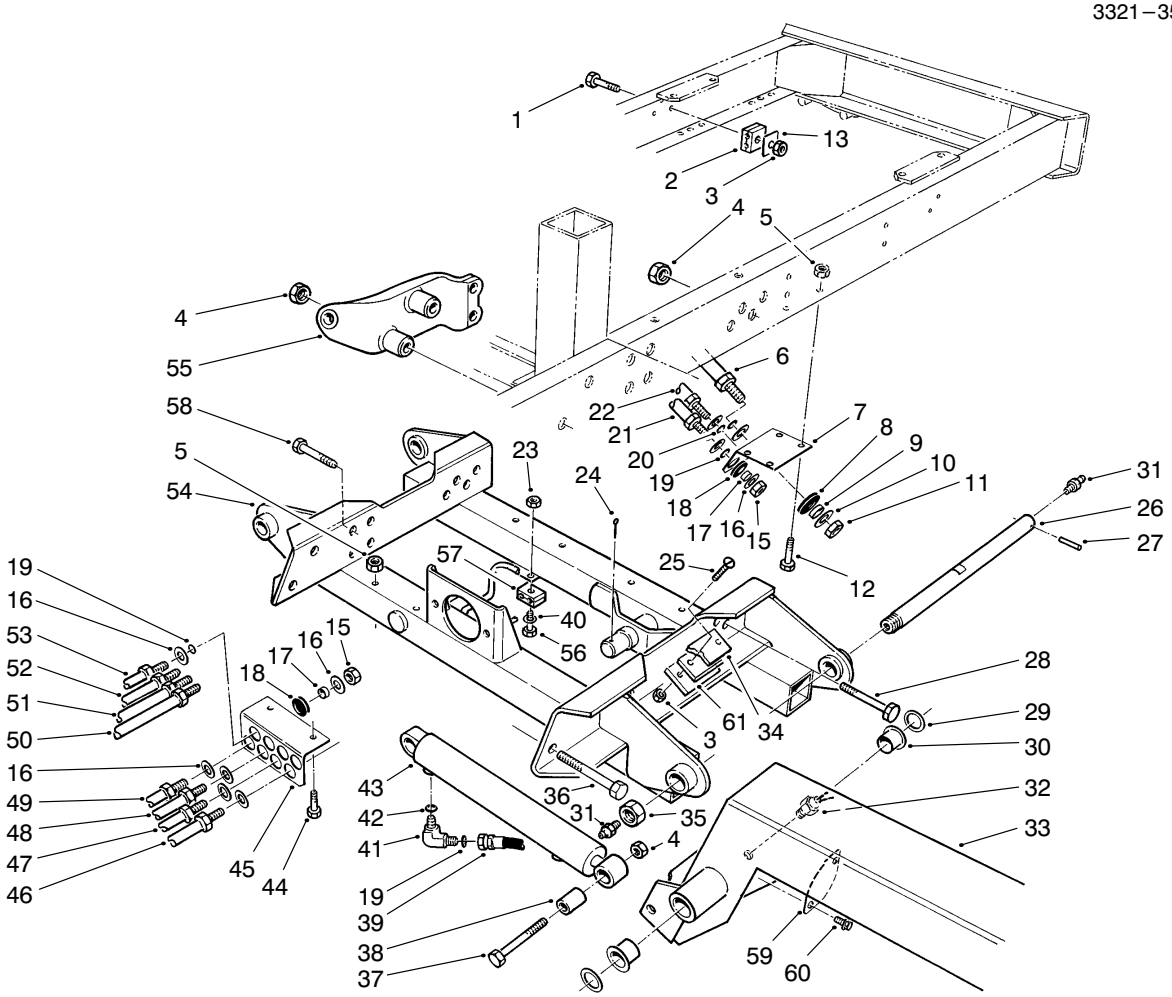
T−0365−4

CENTER DECK MODEL NO. 30592 RIGHT WING ASM.

Ref. No.	Part No.	Description	No. Used
1	3269−25	Rivet−Pop	4
2	69−6840	Cover−Right Wing	1
3	69−6870	Plate−Magnet	2
4	302−2	Fitting−Grease	1
5	32120−72	Ring−Retaining	1
6	256−188	Bushing−Sleeve	1
7	69−5430	Pulley−Idler	1
8	325−8	Screw−HH	1
9	3231−25	Bolt−CARR	2
10	3296−2	Nut−Lock	6
11	94−6762	Bracket−Support	1
12	40−9520	Spacer−Split	2
13	40−0330	Cushion−Rubber	1
14	32122−28	Screw−Truss Hd.	2
15	69−6260	Magnet−Cover	2
16	32105−1	Screw−Machine	4
17	69−6970	Spacer−Idler	1
18	13−4979	Asm−Right Wing Deck (Incl. Ref. #4, 32 & 33)	1
19	323−6	Screw−HH	3
20	69−6900	Shaft−Hinge	1
21	32121−6	Pin−Roll	2
22	32128−21	Nut−HHF	6
23	69−6710	Hinge−Right Rear	1
24	95−3297	Washer−Thrust	2
25	76−1670	Spring−Extension	1
26	32128−23	Nut−HHF	4
27	69−6610	Asm−Idler Arm (Incl. Ref. #6)	1

Ref. No.	Part No.	Description	No. Used
28	69−6690	Hinge−Right Front	1
29	69−6730	Skid	1
30	3233−9	Bolt−CARR	3
31	67−5360	Decal−Danger	1
31	93−7273	Decal−Danger (Europe)	1
32	43−8480	Decal−Danger	1
32	93−7815	Decal−Danger (Europe)	1
33	66−1340	Decal−Danger	1
33	93−7824	Decal−Danger (Europe)	1
34	3−6498	Washer	1
35	3256−69	Washer	2
36	82−4910	Roller	1
37	32121−4	Pin−Roll	2
38	88−9260	Bracket−Roller RH	1
39	323−7	Screw−HH	3
40	5−0838	Washer−Flat	3
41	93−9324	Pivot−Idler	1
42	94−9821	Bar−Guard, Front Wing RH (Europe)	1
43	32104−31	Screw−HH (Europe)	3
44	3296−29	Nut−Lock	2
45	3256−23	Washer−Flat	2
46	98−3038	Bushing−Idler	1
47	32149−1	Nut−Keps	1
48	322−6	Screw−HH	1
*	76−2060	V−Belt	1
*	42−6200	Shim−Cushion	A/R

* Not Illustrated



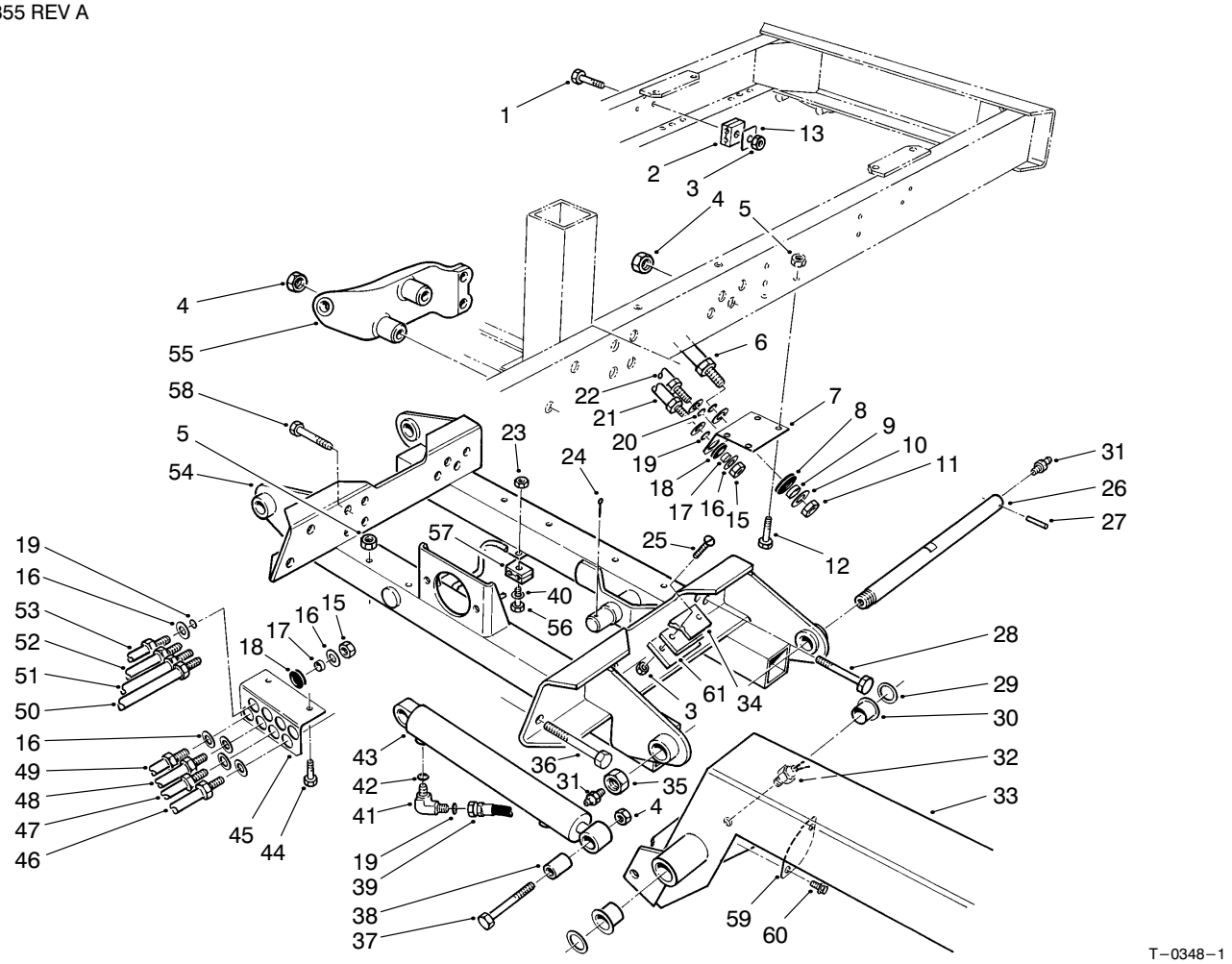
T−0348−1

WING DECK LIFT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	322−11	Screw−HH	1
2	56−7974	Clamp Half−Hydraulic Line	2
3	32152−1	Nut−Lock	5
4	32153−6	Nut−Lock	22
5	32152−2	Nut−Lock	6
6	69−6170	Tube−Hydraulic LH (Incl. Ref. #20)	1
*	69−6140	Tube−Hydraulic RH (Incl. Ref. # 20)	1
7	69−9450	Bracket−Wing Hose LH	1
*	69−9460	Bracket−Wing Hose RH	1
8	240−3	Grommet	4
9	69−9000	Spacer	4
10	69−9010	Washer	8
11	340−74	Nut−Bulkhead	4
12	323−6	Screw−HH	4
13	69−9761	Plate−Cover	1
15	340−70	Nut−Bulkhead	10
16	69−8940	Washer	20
17	69−8970	Spacer	10
18	240−4	Grommet	10
19	237−22	O−Ring	14
20	237−65	O−Ring	4
21	69−5980	Tube−Hydraulic LH (Incl. Ref. #19)	1
*	69−5970	Tube−Hydraulic RH (Incl. Ref #19)	1

Ref. No.	Part No.	Description	No. Used
22	69−6180	Tube−Hydraulic LH (Incl. Ref. #20)	1
*	69−6150	Tube−Hydraulic RH (Incl. Ref. #20)	1
23	32152−4	Nut Lock	3
24	3272−33	Pin−Cotter	2
25	32108−103	Screw−Machine Flat Hd.	4
26	71−2580	Shaft−Lift Arm Pivot	2
27	32121−110	Pin−Roll	2
28	328−26	Screw−HH	12
29	256−304	Washer−Thrust	4
30	69−6470	Bushing−Flange	4
31	302−2	Fitting −Grease	4
32	72−4310	Switch−Lift	2
33	93−9926	Asm−Lift Arm LH (Incl. Ref. #30−31)	1
*	93−9925	Asm−Lift Arm RH (Incl. Ref. #30−31)	1
34	69−9300	Cushion−Rubber	2
35	3296−68	Nut Lock	2
36	328−8	Screw−HH	4
37	328−8	Screw−HH	2
38	69−9190	Bushing−Cylinder	2
39	69−5490	Hose−Cylinder	4
40	3256−56	Washer−Flat	3
41	340−77	Fitting−Hydraulic Elbow (Incl. Ref. #19 & 42)	4

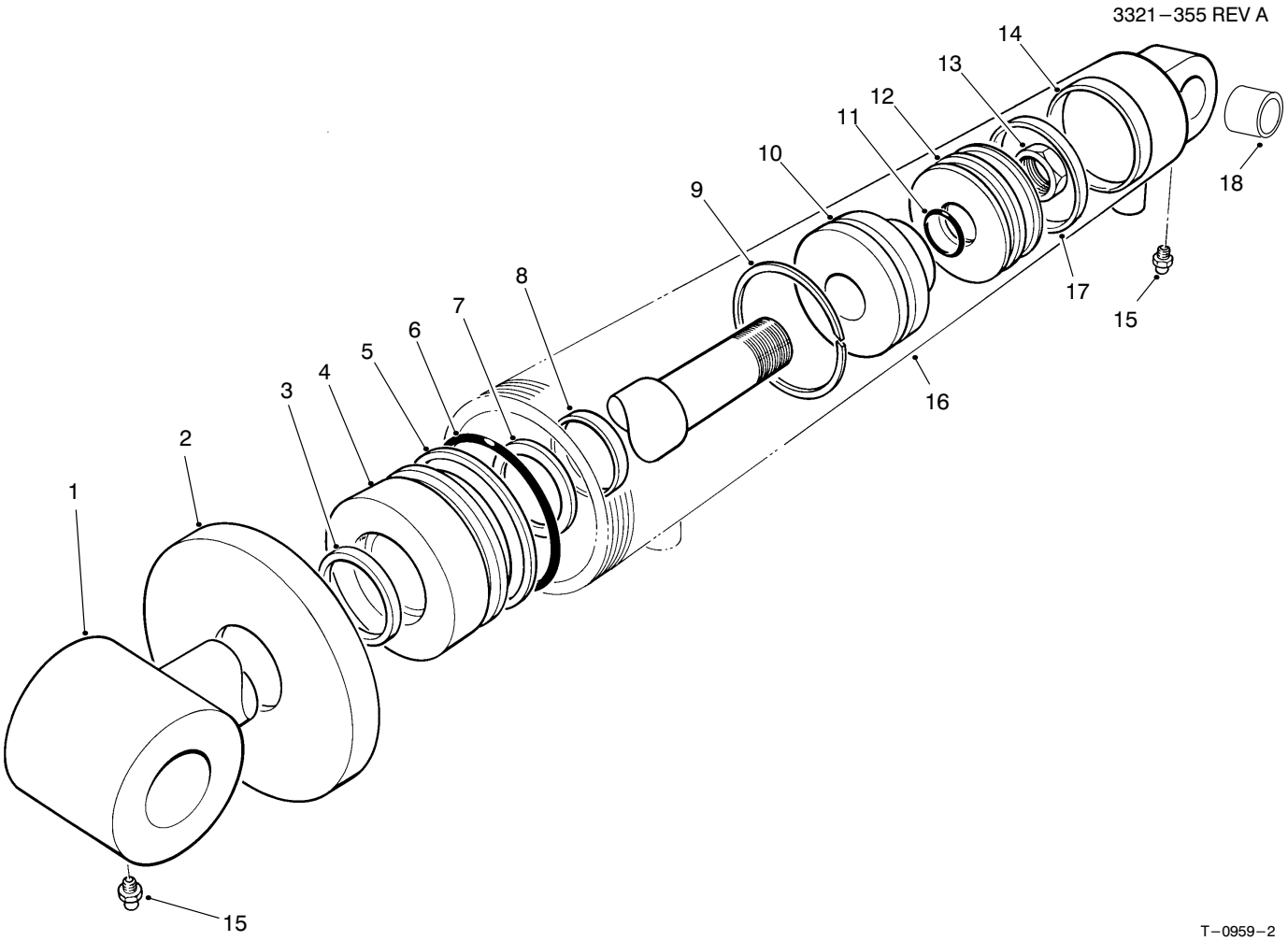
* Not Illustrated



WING DECK LIFT ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
42	237−42	O−Ring	4
43	74−2170	Cylinder−Lift	2
44	323−15	Screw−HH	2
45	74−2680	Bracket−Bulkhead	1
46	69−6030	Tube−Hydraulic (Incl. Ref. #19)	1
47	69−6060	Tube−Hydraulic (Incl. Ref. #19)	1
48	69−6070	Tube−Hydraulic (Incl. Ref. #19)	1
49	69−6000	Tube−Hydraulic (Incl. Ref. #19)	1
50	69−6040	Tube−Hydraulic (Incl. Ref. #19)	1
51	69−6050	Tube−Hydraulic (Incl. Ref. #19)	1
52	69−6080	Tube−Hydraulic (Incl. Ref. #19)	1
53	69−5990	Tube−Hydraulic (Incl. Ref. #19)	1
54	69−4400	Carrier−Wing Deck	1
55	69−1580	Anchor−Latch LH	1
*	69−1600	Anchor−Latch RH	1
56	321−9	Screw−HH	3
57	56−7973	Clamp Half−Hydraulic Line	6
58	328−24	Screw−HH	4
59	39−7650	Plate−Cover	2
60	32144−11	Screw−Thread Forming	4
61	93−9922	Spacer	2
*	3290−378	Tie−Cable	3

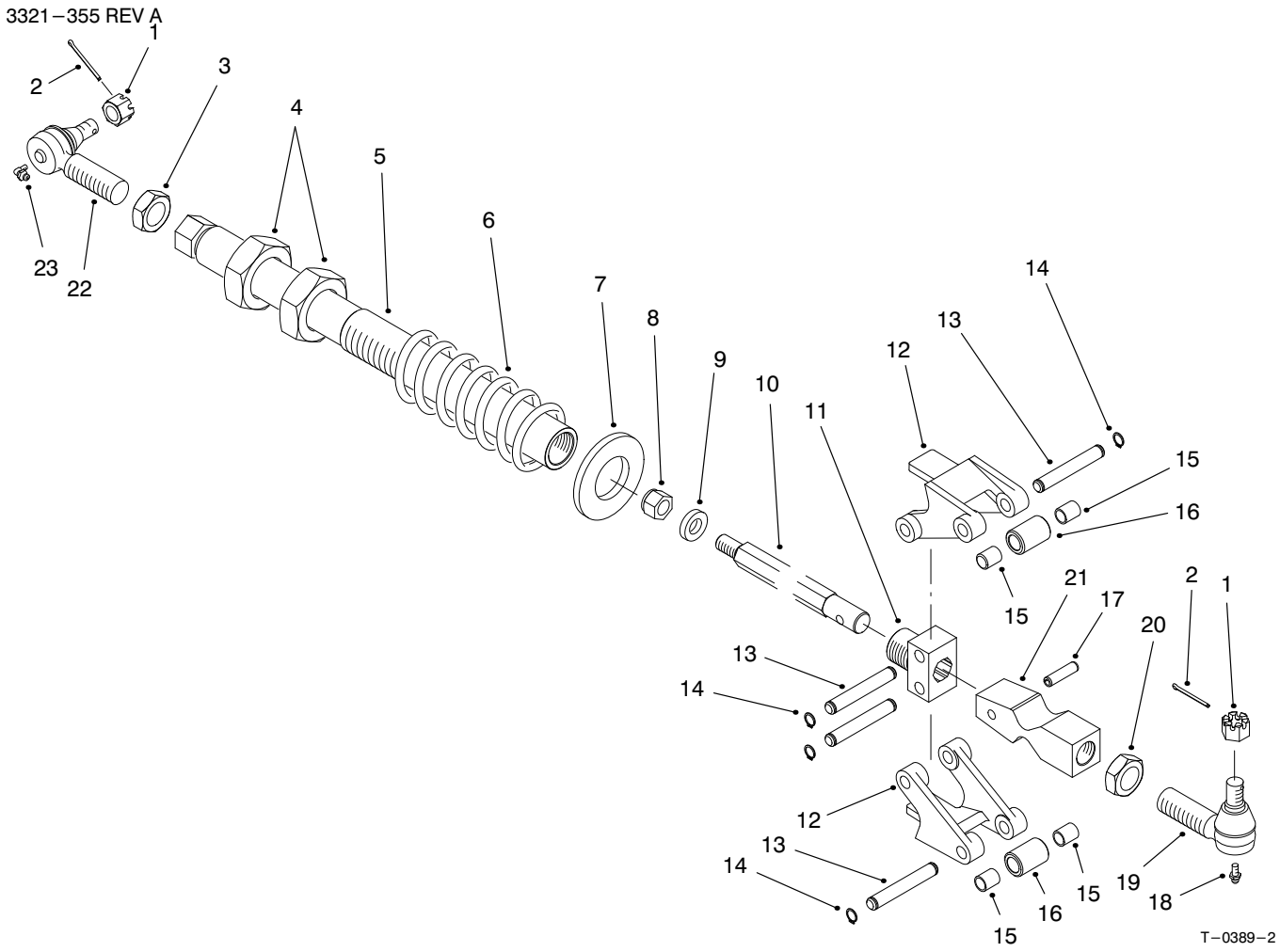
* Not Illustrated



HYDRAULIC CYLINDER ASSEMBLY NO. 74–2170

Ref. No.	Part No.	Description	No. Used
1	74–2230	Shaft/Clevis	1
2	74–2220	Collar	1
†3		Seal–Dust	1
4	74–2200	Head	1
†5		Ring–Back–Up	1
†6		O–Ring	1
†7		Seal–Uni–Ring	1
†8		Ring–Wear	1
9	74–2180	Ring–Steel	1
10	74–2190	Cushion	1
†11		Seal–Uni–Ring	1
12	74–2210	Piston	1
13	60–9760	Nut–Lock	1
†14		Ring–Wear	1
15	302–5	Fitting–Grease	2
†16		Barrel/Clevis	1
†17		Seal–Uni–Ring	1
18	95–1597	Bushing	1
*	86–7350	Kit–Seal Repair (Incl. Ref. #3, 5–8, 11, 14 & 17)	1

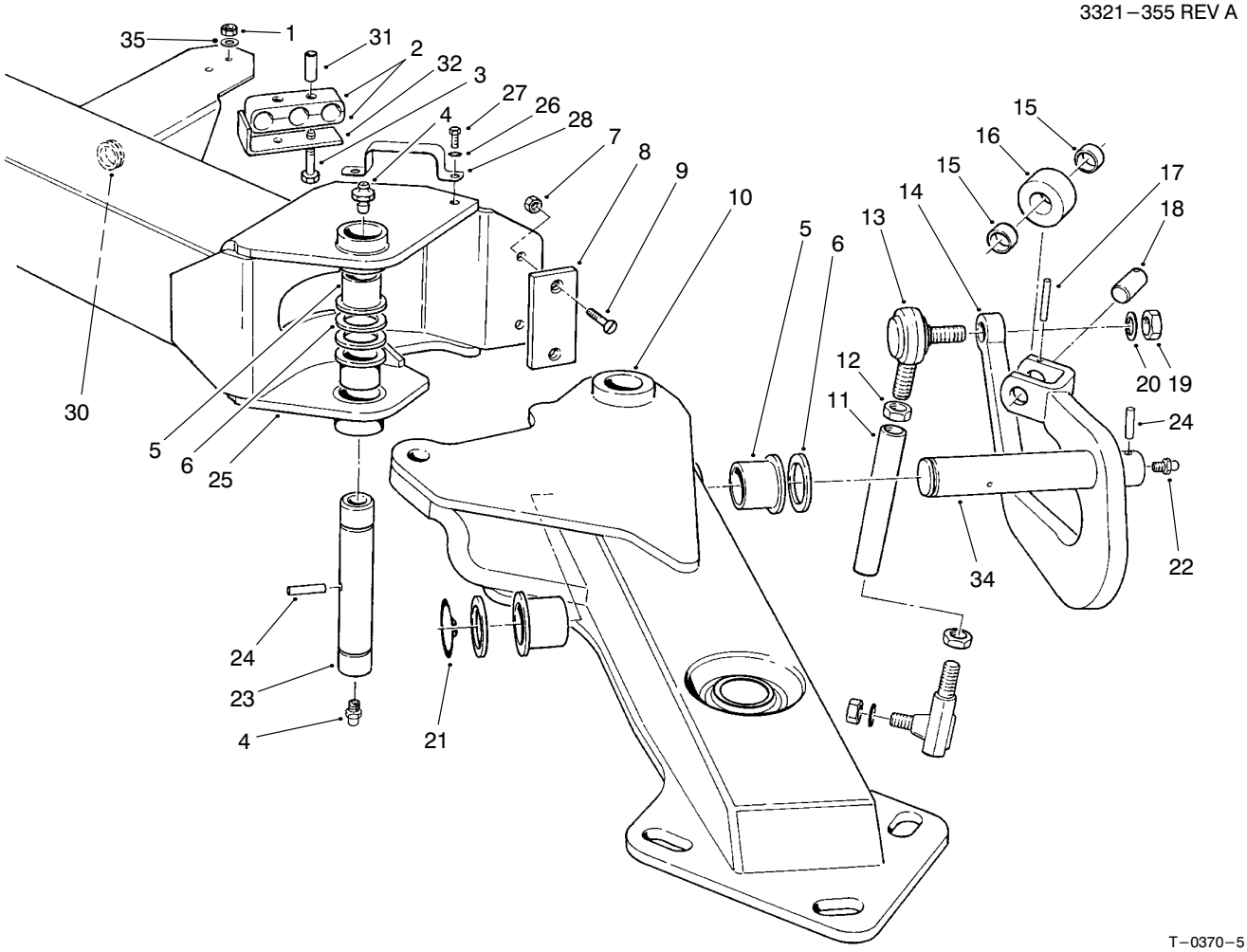
* Not Illustrated
† Not Serviceable Separately



WING DECK LATCH ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32136–2	Nut–Castle	4
2	3272–12	Pin–Cotter	4
3	21–3001	Nut–Jam LH Thread	2
4	3220–22	Nut–Jam	4
5	69–7210	Tube–Latch	2
6	69–8480	Spring–Compression	2
7	69–9100	Washer–Latch	2
8	3296–41	Nut–Lock	2
9	71–2550	Washer–Latch Shaft	2
10	69–9680	Shaft–Latch	2
11	92–4804	Block–Latch Pivot	2
12	69–1630	Arm–Latch Pivot	4
13	92–4806	Pin–Latch	8

Ref. No.	Part No.	Description	No. Used
14	32120–47	Ring–Retaining	16
15	256–172	Bearing–Sleeve	8
16	92–4094	Roller–Latch	4
17	32121–49	Pin–Roll	2
18	302–5	Fitting–Grease	2
19	86–8100	Joint–Ball ((Incl. Ref. #1 & 18)	2
20	21–3000	Nut–Jam	2
21	92–4805	Cam–Spring Trip	2
22	86–8101	Joint–Ball (Incl. Ref. #1 & 23)	2
23	302–40	Fitting–Grease	2



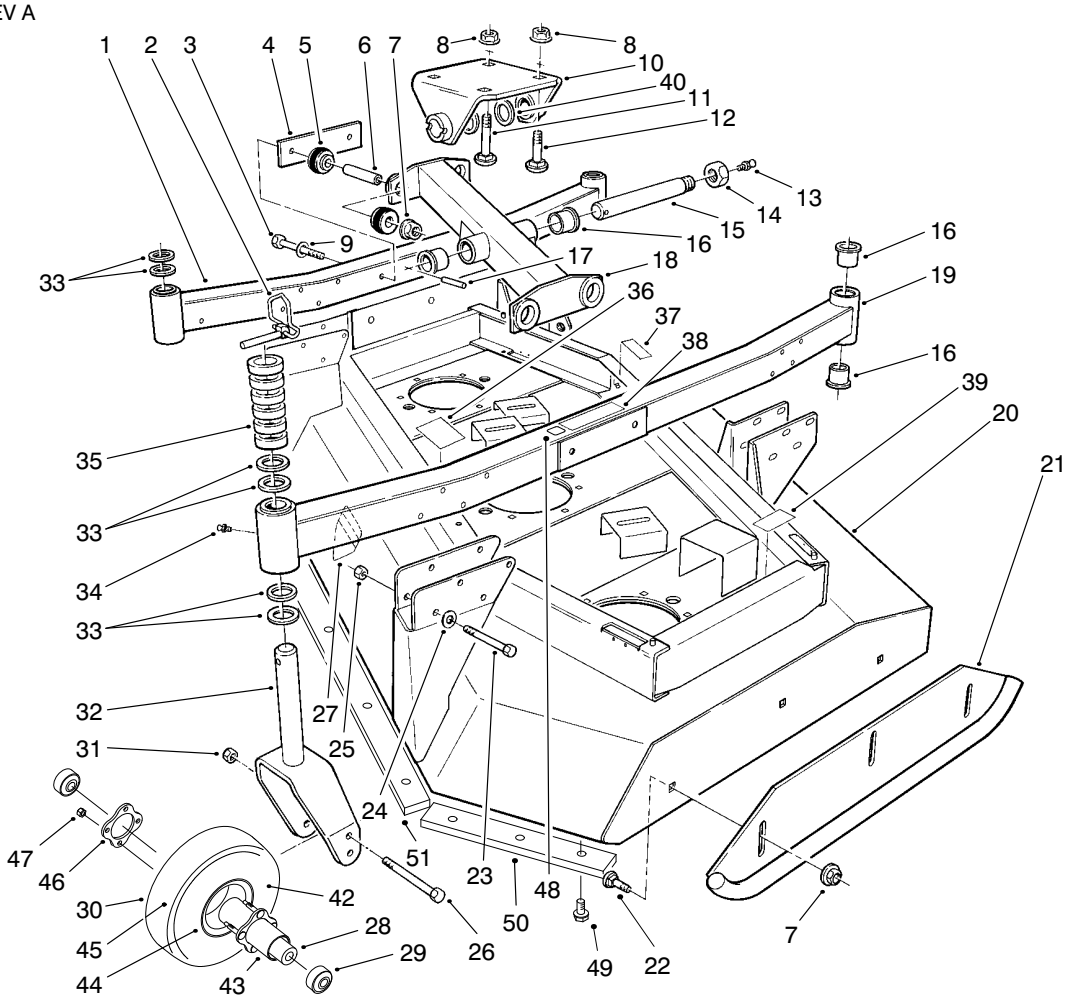
T−0370−5

WING DECK LIFT ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32128−32	Nut−HHF	4
2	74−2710	Clamp Half−Hydraulic Line	4
3	321−15	Screw−HH	4
4	302−2	Fitting−Grease	4
5	69−6470	Bushing−Flange	8
6	256−304	Washer−Thrust	8
7	32152−1	Nut−Lock	4
8	69−9300	Cushion−Rubber	2
9	32108−103	Screw−Machine Flat Hd.	4
10	93−9942	Arm−Outer Lift LH (Incl. Ref. #5)	1
*	93−9941	Arm−Outer Lift RH (Incl. Ref. #5)	1
11	71−2600	Tube−Anti−Sway	2
12	3220−7	Nut−Jam	4
13	2411−40	Joint−Ball	4
14	98−3311	Arm−Anti−Sway LH	1
*	98−3312	Arm−Anti−Sway RH	1
15	256−76	Bushing−Sleeve	4
16	69−9240	Roller−Cam	2

Ref. No.	Part No.	Description	No. Used
17	32121−34	Pin−Roll	2
18	69−9250	Shaft−Roller	2
19	3219−7	Nut−Lock	4
20	3253−9	Washer−Lock	4
21	32151−10	Ring−Retaining	2
22	302−5	Fitting−Grease	2
23	71−2620	Shaft−Lift Arm Elbow	2
24	32121−110	Pin Roll	4
25	93−9926	Asm−Lift Arm LH (Incl. Ref. #5)	1
*	93−9925	Asm−Lift Arm RH (Incl. Ref. #5)	1
26	3254−2	Washer	4
27	322−3	Screw−HH	4
28	93−9928	Clamp−Hose	2
30	93−9912	Grommet	2
31	74−2730	Tube−Clamp	4
32	94−6772	Retainer−Clamp	2
34	82−7900	Shaft−Arm	2
35	3256−22	Washer−Flat	4

* Not Illustrated

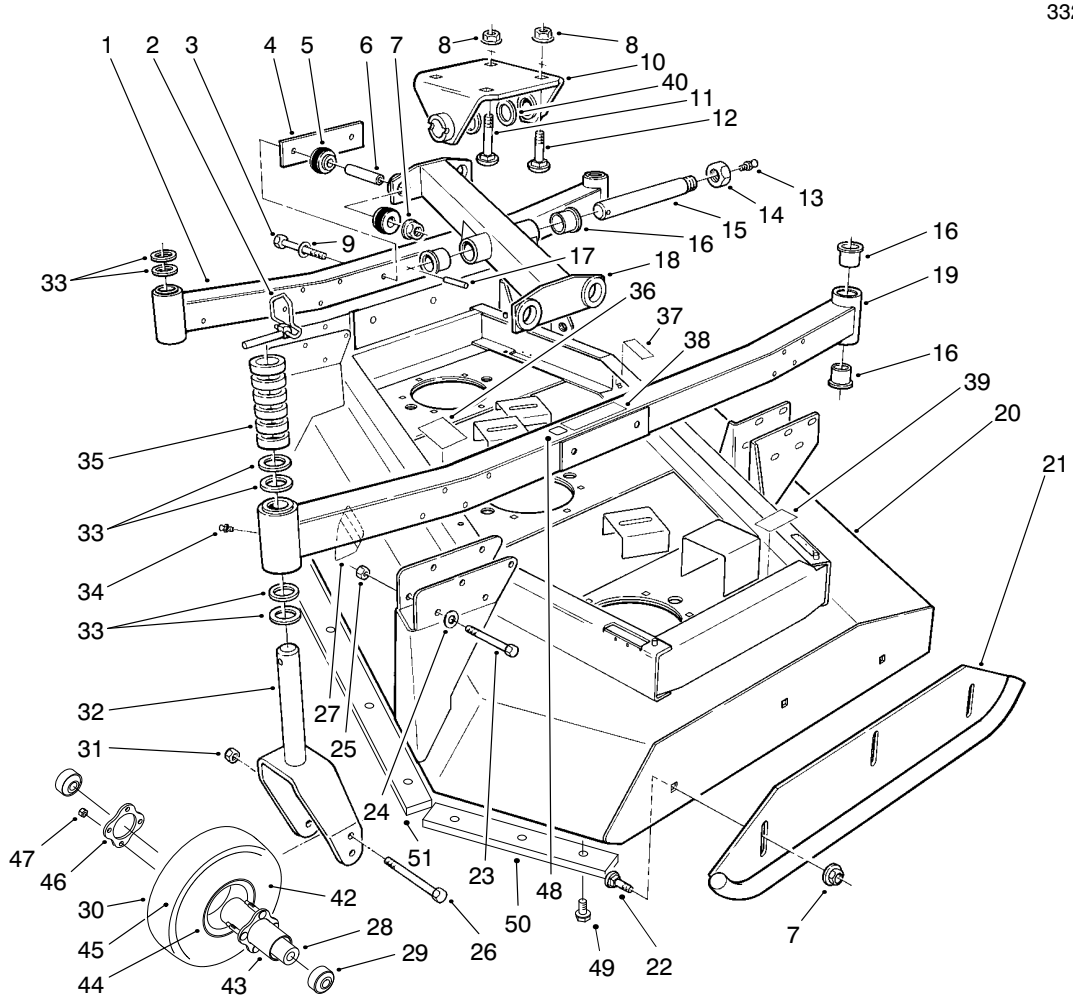


T−0335−5

WING DECK MODEL NO. 30591 LH & 30593 RH

Ref. No.	Part No.	Description	No. Used
1	98−7342	Arm−Inside Castor (Incl. Ref. #16 & 34)	2
2	3290−384	Pin−Lynch	8
3	325−20	Screw−HH	8
4	69−8790	Plate−Reinforcing	2
5	69−9700	Mount−Rubber (Incl. Ref. #6)	8
6		Spacer	8
7	32128−23	Nut−HHF	20
8	32128−45	Nut−HHF	8
9	30−8770	Washer−Flat	8
10	69−7170	Clevis−Deck	2
11	3233−29	Bolt−CARR	2
12	3233−28	Bolt−CARR	6
13	302−2	Fitting−Grease	2
14	3296−68	Nut−Lock	2
15	71−2610	Shaft−Deck Pivot	2
16	69−6470	Bushing−Flange	20
17	32121−110	Pin−Roll	2
18	98−1461	Asm−LH Lift Bar (Incl. Ref. #16)	1
*	98−1462	Asm−RH Lift Bar (Incl. Ref. #16)	1
19	98−7343	Arm−Outside Castor (Incl. Ref. #16, 34 & 38)	2
20	13−5009	Deck−Wing LH (Incl. Ref. #27, 36, 37 & 39)	1
*	13−4999	Deck−Wing RH (Incl. Ref. #27, 36, 37 & 39)	1
21	69−6730	Skid	4
22	3233−9	Bolt−CARR	12
23	323−15	Screw−HH	32
24	5−0838	Washer−Flat	32
25	32128−43	Nut−HHF	32
26	327−17	Screw HH	8
27	43−8480	Decal−Danger	2
27	93−7815	Decal−Danger (Europe)	2
28	93−4241	Spacer	8
29	93−4237	Bearing	16
30	93−4240	10” Wheel−Pneumatic (Incl. Ref. #28−29 & 42−47)	8
31	3296−53	Nut−Lock	8
32	98−7300	Fork−Castor	8
33	69−6860	Washer−Thrust	28
34	302−5	Fitting−Grease	8
35	69−1510	Spacer−Castor	48
36	95−0819	Decal−Belt Routing LH	1
*	95−0820	Decal−Belt Routing RH	1
37	66−1340	Decal−Danger	2
37	93−7824	Decal−Danger (Europe)	2
38	95−0818	Decal−Torque	2
39	67−5360	Decal−Danger	4
39	93−7273	Decal−Danger (Europe)	4
40	256−304	Washer−Thrust	4

* Not Illustrated

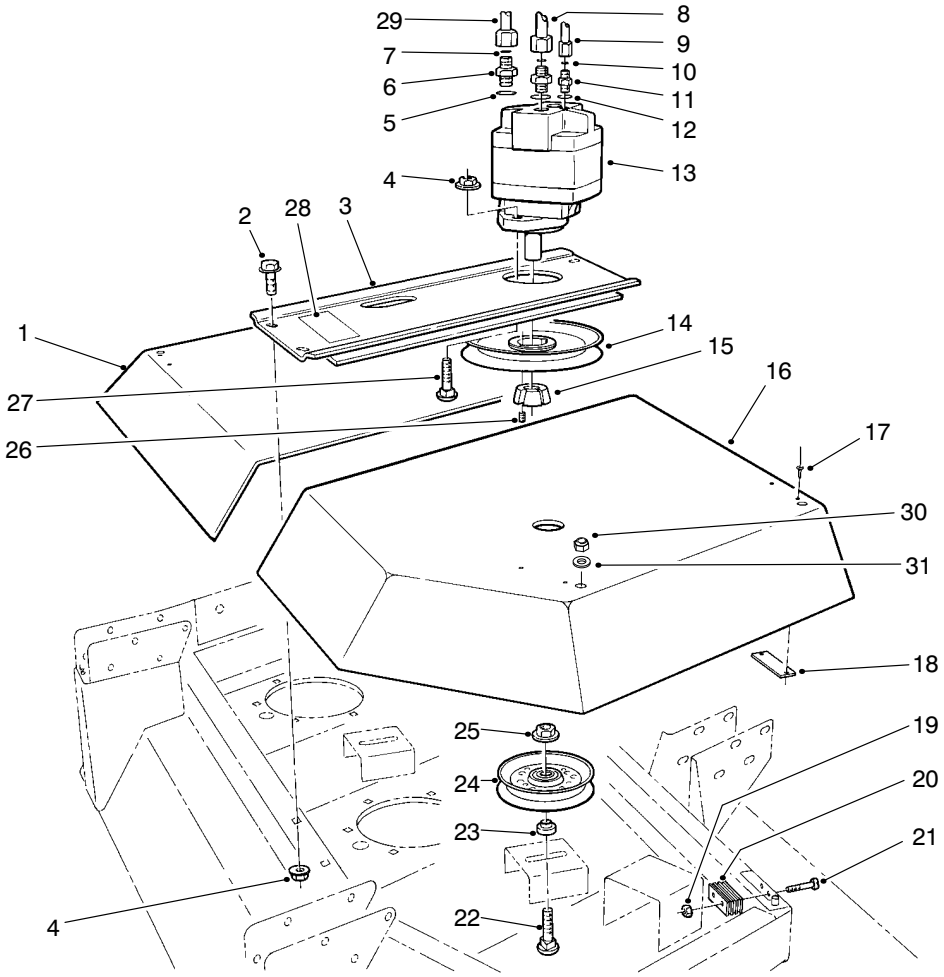


T−0335−5

WING DECK MODEL NO. 30591 LH & 30593 RH (Cont.)

Ref. No.	Part No.	Description	No. Used
42	93−4243	Tire−10”	8
43	93−5980	Hub	8
44	95−2741	Rim−Wheel	16
45	93−4244	Tube−w/Valve	8
46	93−4242	Plate	8
47	32128−16	Nut−HHF	32

Ref. No.	Part No.	Description	No. Used
48	93−7252	Decal−CE	2
49	32104−31	Screw−HH (Europe)	20
50	94−9822	Bar−Guard, Wing Inner (Europe)	2
51	94−9823	Bar−Guard, Wing RH & LH (Europe)	2



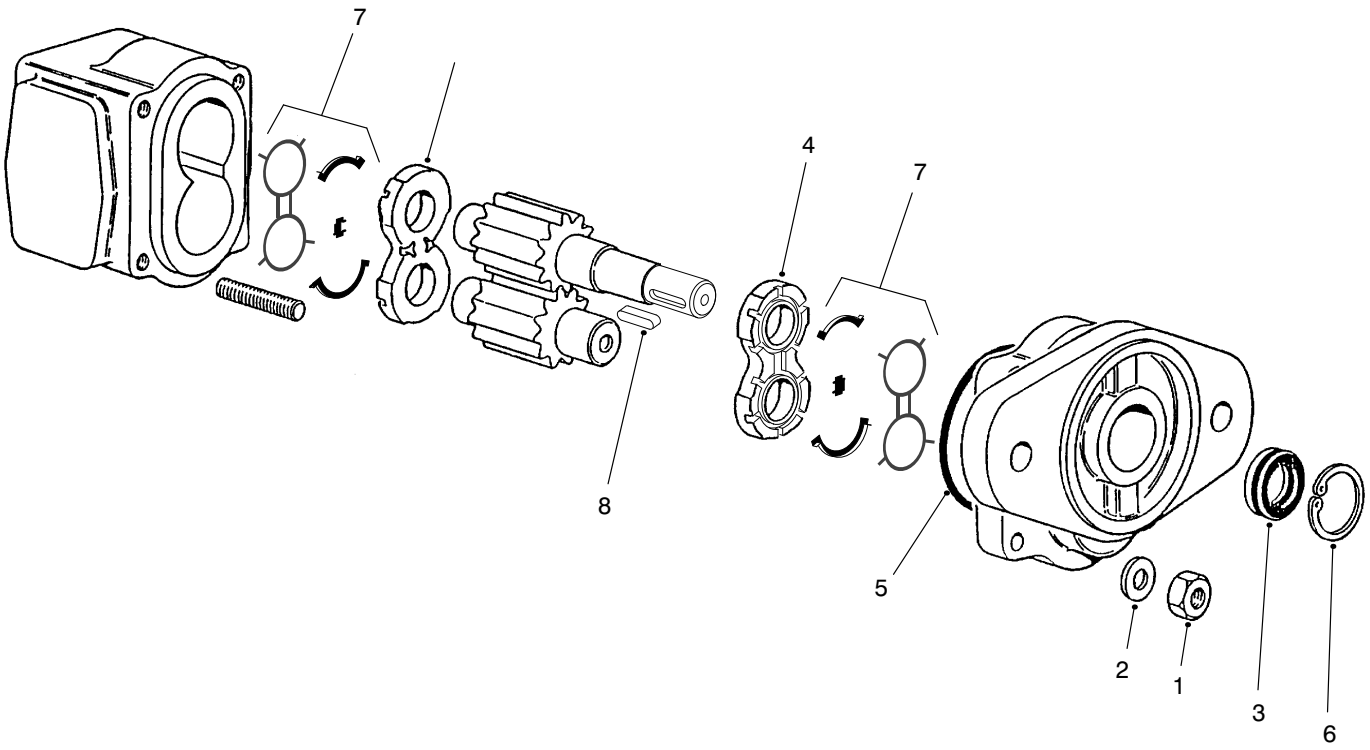
T−0336−2

WING DECK MODEL NO. 30591 LH & 30593 RH DRIVE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	69−6800	Cover−Inner LH	1
*	69−6820	Cover−Inner RH	1
2	3234−12	Screw−HWH	8
3	69−6360	Plate−Motor Mounting LH	1
*	69−6340	Plate−Motor Mounting RH	1
4	32128−21	Nut−HHF	12
5	237−81	O−Ring	4
6	340−8	Fitting−Hydraulic Straight (Incl. Ref. #5 & 7)	4
7	237−65	O−Ring	4
8	93−9918	Asm−Hose, Hydraulic	2
9	93−9917	Asm−Hose, Hydraulic	2
10	237−22	O−Ring	2
11	340−2	Fitting−Hydraulic Straight (Incl. Ref. # 10 & 12)	2
12	237−42	O−Ring	2
13	94−4907	Motor−Hydraulic	2
14	63−0660	Pulley−Wing Deck Drive	2
15	23−1640	Bushing−Taper Lock (Incl. Ref. #26)	2

Ref. No.	Part No.	Description	No. Used
16	69−6810	Cover−Outer LH	1
*	69−6830	Cover−Outer RH	1
17	3269−25	Rivet−Pop	16
18	69−6870	Plate−Magnet	8
19	3296−2	Nut−Lock	16
20	69−6260	Magnet−Cover	8
21	32105−1	Screw−PH	16
22	3233−30	Bolt−CARR	6
23	69−6960	Spacer−Idler	6
24	63−1540	Pulley−Idler	6
25	32128−23	Nut−HHF	6
26		Screw−Set	4
27	3231−28	Bolt−CARR	4
28	95−0845	Decal−Height of Cut	2
29	93−9919	Asm−Hose, Hydraulic	2
30	3296−29	Nut−Lock	4
31	3256−23	Washer−Flat	4
*	76−2060	V−Belt	6
*	3290−378	Tie−Cable	24

* Not Illustrated



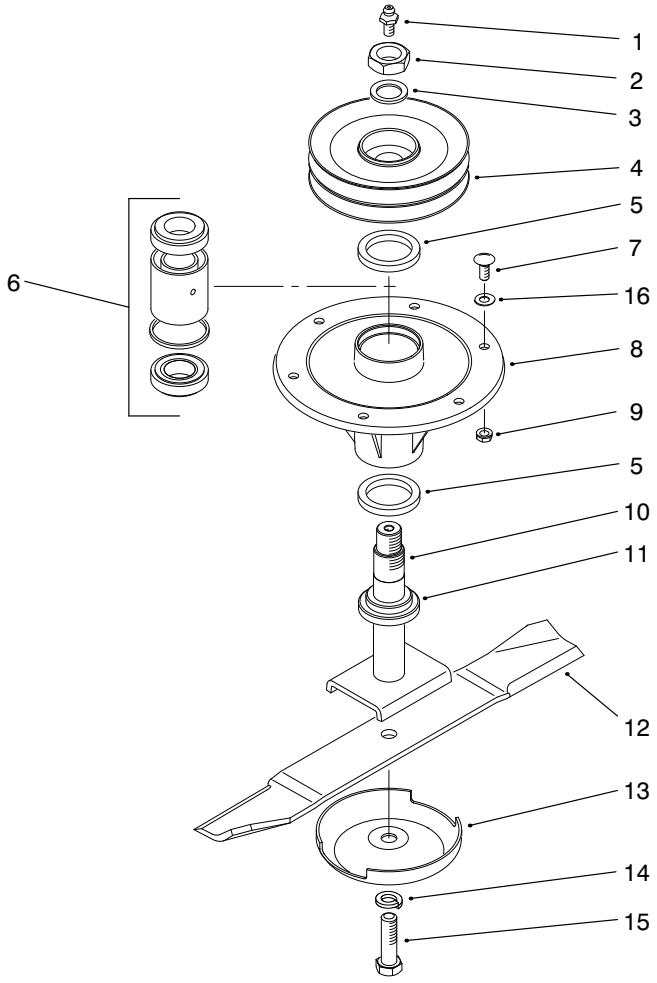
T−2313−1

HYDRAULIC MOTOR ASSEMBLY NO. 94−4907

Ref. No.	Part No.	Description	No. Used
1	33016−00	Nut−Hex.	4
2	33096−00	Washer−Flat	4
3	94−5391	Seal−Shaft	1
4	94−5390	Plate−Load	2
5		O−Ring	1

Ref. No.	Part No.	Description	No. Used
6		Ring−Retaining	1
7		Seal−Load	2
8	93−7637	Key−Square	1
*	94−5392	Kit−Seal (Incl. Ref. #3 & 5−8)	1

* Not Illustrated



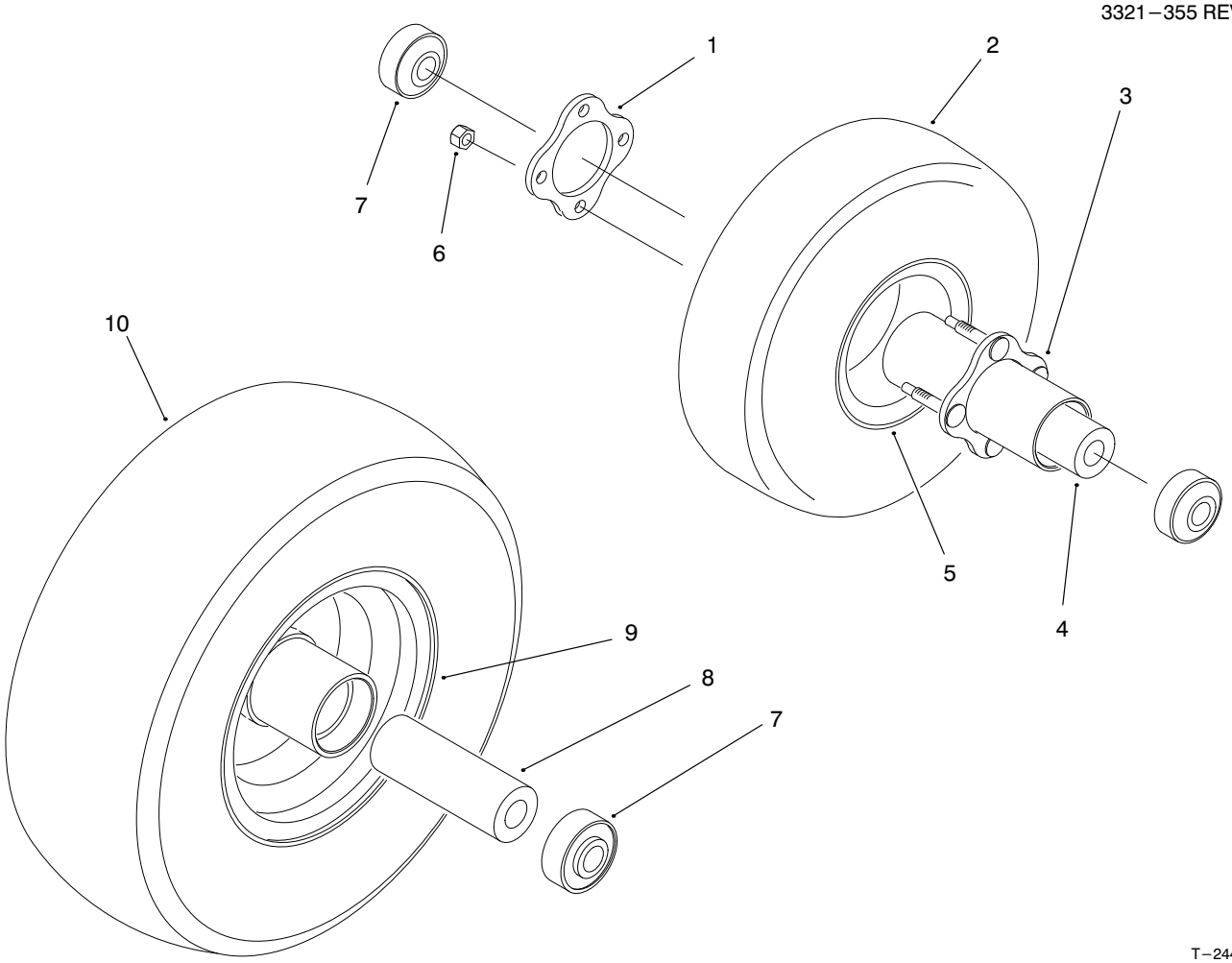
T−0337−2

SPINDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	302−2	Fitting−Grease Str.	1
*	302−10	Fitting−Grease 45° (Used only on wing deck center & inside spindles)	1
2	3296−49	Nut−Lock	1
3	3−8514	Washer	1
4	69−8390	Pulley−Spindle	1
5	253−154	Seal−Wave	2
6	71−2530	Asm−Bearing	1
7	3231−22	Bolt−CARR	6

Ref. No.	Part No.	Description	No. Used
8	69−1530	Housing−Spindle	1
9	32128−21	Nut−HHF	6
10	69−6760	Shaft−Spindle	1
11	92−9800	Spacer−Spindle	1
12	69−6920	Blade−20”	1
13	67−7561	Cup−Anti Scalp	1
14	3253−8	Washer−Lock	1
15	51−4060	Bolt−Blade	1
16	3256−24	Washer−Flat	A/R

* Not Illustrated



T−2441−2

10” & 13” FOAM FILLED TIRE ASSEMBLIES

Ref. No.	Part No.	Description	No. Used
†1		Plate	1
2	93−5973	Asm−10” Foam Filled Tire (Incl. Ref. #1, 3−7)	1
†3		Hub	1
4	93−4241	Spacer−Bearing, Inner	1
†5		Rim	2

Ref. No.	Part No.	Description	No. Used
†6		Nut−HHF	4
7	93−4237	Bearing	4
8	93−5630	Spacer−Bearing, Inner	1
†9		Rim	1
10	98−7329	Asm−12” Foam Filled Tire (Incl. Ref. #7−9)	1

† Not Serviced Separately.

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
3–2858	Disc–Friction	18	2	1
3–3710	Asm–Tie Rod	77	39	1
3–6498	Washer	86	34	1
3–6498	Washer–Flat	84	58	1
3–8514	Washer	96	3	1
3–8596	Spring–Compression	18	12	1
5–0838	Washer–Flat	70	14	6
5–0838	Washer–Flat	82	18	16
5–0838	Washer–Flat	92	24	32
5–0838	Washer–Flat	85	30	3
5–0838	Washer–Flat	86	40	3
5–3177	Washer–Flat	23	7	4
5–3637	Spacer–Terminal	22	4	1
12–8900	Bolt–Shoulder	36	32	2
13–4969	Deck–Center	83	41	1
13–4979	Asm–Right Wing Deck	86	18	1
13–4989	Deck–Left Wing	85	12	1
13–4999	Deck–Wing RH	92	*	1
13–5009	Deck–Wing LH	92	20	1
13–5069	Arm–Castor LH	82	31	1
18–2770	Strap–Ground	74	23	1
19–1470	Bolt–Shoulder	83	13	4
20–4360	Tube–Spacer	80	16	2
20–4840	Clamp–Muffler	71	8	2
20–4840	Clamp–Muffler	45	13	2
20–4840	Clamp–Tube	25	15	2
20–9500	Spacer	4	14	2
21–0141	Joint–Ball	9	20	1
21–1830	Spring–Extension	7	23	1
21–2070	Yoke–End	36	8	2
21–3000	Nut–Jam	90	20	2
21–3000	Nut–Jam	80	38	2
21–3001	Nut–Jam LH Thread	90	3	2
23–1640	Bushing–Taper Lock	94	15	2
23–1640	Bushing–Taper Lock	83	50	1
23–2140	Hose–Radiator Vent	44	7	1
23–2270	Bushing–Rubber	9	15	1
23–7250	Spacer	74	35	1
23–7270	Nut–Lug	77	24	10
25–2630	Ring Back Up	40	47	1
25–2630	Ring–Back Up	41	63	1
27–2360	Switch–Ignition	14	16	1
27–4720	Pin–Pivot, Seat	2	19	1
28–0380	Spacer	4	35	3
28–3580	Ring–Back Up	40	44	1
28–3590	O–Ring	40	43	1
29–6150	Spring–Leaf	37	43	1
29–6163	Switch–Micro	6	13	1
29–6170	Asm–Leaf Spring	37	38	1
30–8770	Washer–Flat	92	9	8
30–8770	Washer–Flat	82	32	4
31–0390	Washer–Friction	4	15	3
37–9560	Hose–Fuel	73	1	1
37–9560	Hose–Fuel	22	25	2
39–5710	Plug	2	13	21
39–7593	Temperature Sending Unit	24	15	1
39–7650	Plate–Cover	88	59	2
40–0330	Cushion–Rubber	85	4	1
40–0330	Cushion–Rubber	86	13	1
40–3890	Trim	2	14	2
40–4010	Roller	3	1	4
40–4060	Washer–Rubber	3	26	1
40–4070	Washer	3	24	3
40–4080	Track–U	3	6	1
40–4090	Rivet–Pop	3	5	2
40–4120	Plate–Rubber	3	7	1
40–4150	Roller	3	11	1
40–4160	Guide–Sleeve	3	12	1
40–4230	Plug	3	17	1
40–4310	Bearing–Thrust Needle	3	25	1
40–4340	Spring–Extension	3	28	1
40–4350	Spring–Extension	3	29	2
40–4360	Plate	3	30	1
40–4370	Bolt	3	31	1
40–4380	Bracket–Release	3	32	2
40–9520	Spacer–Split	85	3	2
40–9520	Spacer–Split	86	12	2
41–8760	Gasket–Pump	37	49	1
42–1720	Asm–Field Core Coil	9	5	1
42–6200	Shim–Cushion	85	*	A/R
42–6200	Shim–Cushion	86	*	A/R
42–7290	Gasket	50	8	1
42–7420	Cap–Filter, Oil	48	5	1
43–5130	Nut–Lock	79	14	1
43–6110	Plate–Clutch	9	9	1
43–6200	Spring–Compression	9	27	1
43–6280	Button	13	10	2
43–6280	Button	14	12	2
43–6320	Collar–Locking	9	10	1
43–6420	Bezel	13	11	2
43–6420	Bezel	14	13	2
43–8480	Decal–Danger	85	24	1
43–8480	Decal–Danger	92	27	2
43–8480	Decal–Danger	86	32	1
43–8480	Decal–Danger	83	40	1
44–2210	Body–Indicator Light	4	5	1
44–2210	Kit–Light	14	23	1
44–2212	Body–Indicator Light	4	12	2
46–1600	Spacer	4	26	4
46–3380	Bolt–Shoulder	44	23	2
46–6560	Bushing	22	21	1
47–6990	Nut–Hex.	4	9	1
48–7780	Screw–HH	2	15	2
48–8070	Washer–Lock	74	29	1
49–6170	Pad–Brake	7	4	1
49–6171	Pad–Brake Pedal LH	6	19	1
49–6172	Pad–Brake Pedal RH	6	*	1
51–3150	Shim–Spring	38	60	A/R
51–4060	Bolt–Blade	96	15	1
51–5070	Switch	45	56	1
51–5160	Washer	57	16	4
51–5280	Cap	47	11	8
51–5320	Spring–Valve	47	15	8
51–5390	Packing–Connector	65	2	4
51–5390	Washer–Sealing	68	7	10
51–5460	Key–Woodruff	54	4	2
51–5460	Key–Woodruff	48	16	1
51–5600	Cap–Sealing	49	4	10
51–6230	Nut	53	9	8
51–6300	Pin–Dowel	54	6	2
51–6390	Washer–Spring	50	2	2
51–6390	Washer–Spring	56	22	1
51–7210	Gasket	69	7	1
51–7210	Gasket	57	8	1
51–7250	Washer–Spring	58	13	2
51–7250	Washer–Spring	55	27	8
51–7400	Washer–Spring	55	7	1
51–8610	Washer–Spring	54	10	4
51–8670	Nut–Lock	50	1	2
52–9230	Ring–Retaining	5	3	1
52–9240	Bushing–Gland Seal	5	4	1
52–9250	Kit–Needle Bearing	5	*	1
52–9260	Screw–Set	5	1	1
52–9270	Seat–Check Ball	5	24	1
52–9280	Ball–Check	5	22	1
52–9290	Retainer–Check Ball	5	21	1
52–9320	Drive	5	15	1
54–8660	Washer	66	5	1
56–0100	Plug–Taper	49	7	1
56–0750	Clamp (B)	58	19	3
56–0760	Clamp (A)	58	20	3
56–2140	Screw–HH	37	10	6
56–7971	Clamp Half–Hydraulic Line	30	26	2
56–7972	Clamp Half–Hydraulic Line	30	20	4
56–7973	Clamp Half–Hydraulic Line	30	19	20
56–7973	Clamp Half–Hydraulic Line	28	44	4
56–7973	Clamp Half–Hydraulic Line	88	57	6
56–7974	Clamp Half–Hydraulic Line	87	2	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
56−7974	Clamp Half−Hydraulic Line	30	17	2
56−7974	Clamp−Hydraulic Lines	74	31	2
56−7978	Clamp Half−Hydraulic Line	30	25	12
56−7978	Clamp Half−Hydraulic Line	24	42	6
58−4250	Magnet	42	1	6
58−5620	Tube−Inner	32	*	2
58−6290	Asm−Poppet	20	34	3
58−6310	Spacer	20	28	3
58−6320	Wiper−Seal	20	24	3
58−6330	Asm−Seat	20	35	3
58−6340	O−Ring	20	36	3
58−6350	Asm−Plug	20	11	3
58−6370	Washer−Back−Up	20	10	6
58−6400	Bushing	20	25	3
58−6420	Asm−Cap	20	30	3
58−6440	Poppet	20	22	1
58−6450	O−Ring	20	12	6
58−6460	Ring−Retaining	20	29	3
58−6470	Washer	20	18	A/R
58−6480	Washer	20	19	A/R
58−6490	Washer	20	20	A/R
58−6700	Washer	20	26	3
58−6710	Asm−Plug	20	6	1
58−6720	O−Ring	20	7	1
58−6730	Spring	20	27	3
58−6750	O−Ring	20	17	1
58−6760	Spring	20	3	3
58−6770	Plunger−Detent	20	4	3
58−6780	Asm−Plug	20	1	3
58−6790	O−Ring	20	5	3
59−6730	Race−Bearing	5	7	2
59−6740	Bearing−Needle Thrust	5	8	1
59−6820	Kit−Centering Spring	5	11	1
59−6830	Kit−Centering Pin	5	20	1
59−7580	Nut−Hex.	26	24	8
59−7590	Washer−Lock	26	12	16
59−7970	Stud−Threaded	26	23	8
59−7990	Seal−Gland	26	3	4
59−8470	Retainer−Seal	26	4	4
59−8500	Gear/Shaft−Front Drive	26	17	1
59−8570	Seal−Shaft	26	22	1
59−8580	Ring−Retaining	26	21	1
59−8590	Seal−Shaft	26	20	1
59−8600	Gear−Driven	26	9	2
59−8610	Kit−Repair	26	*	1
60−3780	Kit−Seal	20	*	1
60−3810	Shaft−Input	35	2	1
60−3830	Seal−Oil	35	4	1
60−3840	Cone−Bearing	35	5	1
60−3850	Cup−Bearing	35	6	2
60−3860	Bolt−Wheel	35	7	9
60−3870	Hub	35	8	1
60−3880	Cone−Bearing	35	9	1
60−3890	Bolt−HH	35	10	6
60−3900	Gear−Ring	35	24	1
60−3910	Washer−Flat	35	11	6
60−3930	Ring−Retaining	35	25	2
60−3940	Washer	35	26	2
60−3950	Spring−Disengage	35	27	1
60−3960	Asm−Primary Carrier	35	15	1
60−3970	Gear−Primary Sun	35	13	1
60−3980	Washer−Thrust	35	12	1
60−3990	Washer−Thrust	35	23	1
60−4000	Asm−Secondary Carrier	35	20	1
60−4010	Plunger−Disengage	35	22	1
60−4020	O−Ring	35	21	1
60−4030	Bolt−HH	35	17	8
60−4040	Plug−Pipe	35	16	1
60−4050	Cover−Large	35	19	1
60−4060	Cover−Disengage	35	18	1
60−4070	Bolt−HH	35	14	2
60−5510	Washer−Sealing	65	4	1
60−5510	Washer−Sealing	68	8	1
60−5720	O−Ring	20	9	6
60−6450	Disc	20	2	A/R
60−7120	Nut	58	14	1
60−7120	Nut	55	31	8
60−7280	Bolt	58	15	1
60−7290	Bolt	5	51	1
60−7390	Plate−Thrust	48	13	1
60−7420	Cotter−Valve	47	12	16
60−7430	Seal−Oil	50	6	1
60−9760	Nut−Lock	81	11	1
60−9760	Nut−Lock	89	13	1
60−9770	Piston	81	10	1
61−2790	Filler−Screen	23	34	1
61−4990	Ring−Retaining	81	3	1
62−5550	Decal	4	47	1
62−6450	Kit−Retaining Ring	35	28	1
62−6460	Sealant−RTV (Tube)	35	*	1
62−7650	Gasket−Level Sensing Unit	22	1	1
63−0660	Pulley−Drive	83	51	1
63−0660	Pulley−Wing Deck Drive	94	14	2
63−1540	Pulley−Idler	83	15	3
63−1540	Pulley−Idler	94	24	6
63−7430	Gauge−Temperature	13	8	1
63−8280	Head−Fuel Filter	73	4	1
63−8290	Vent−Air	73	5	1
63−8310	Valve−Drain	73	8	1
63−8360	Key−Ignition	14	11	1
66−1340	Decal−Danger	85	23	1
66−1340	Decal−Danger	86	33	1
66−1340	Decal−Danger	92	37	2
66−1340	Decal−Danger	84	60	1
66−2490	Hold−Down−Battery	74	16	2
66−2940	Gauge−Fuel	13	25	1
66−2950	Hourmeter	13	26	1
66−3241	Cap−Radiator	44	5	1
66−6140	Decal−TORO	43	27	1
66−8530	Track−Adjustment	2	3	1
66−8800	Relay	74	19	2
67−2520	Plug−Drain	50	9	1
67−2570	Plug−Taper	49	6	5
67−4510	Gauge Unit	45	55	1
67−4660	Bolt−Flange	66	4	1
67−5360	Decal−Danger	85	25	1
67−5360	Decal−Danger	86	31	1
67−5360	Decal−Danger	92	39	4
67−7160	Block−Fuse	11	24	4
67−7561	Cup−Anti Scalp	96	13	1
68−6150	Breather	44	50	1
68−6420	Plug−Drain	52	9	1
68−6430	Gasket	69	4	1
68−6430	Gasket	52	8	1
68−7571	Strip−Sealing	23	24	1
68−7572	Strip−Sealing	22	18	1
68−8080	Wheel−Steering	4	10	1
69−0030	Spring−Compression	36	30	2
69−0040	Foam−Lower Grille	42	20	1
69−0060	Screw−HH	74	28	1
69−0090	Pin−Clevis Engine End	18	*	1
69−0090	Pin−Throttle	45	51	1
69−0100	Asm−Frame	28	49	1
69−0760	Bracket−Arm Rest LH	1	*	1
69−0770	Bracket−Arm Rest RH	1	9	1
69−0940	Decal−Caution	30	39	1
69−0950	Decal−580D	43	26	2
69−1170	Gauge−Sight	23	2	1
69−1180	Armrest	1	11	2
69−1380	Panel−Side RH	43	*	1
69−1390	Panel−Side LH	43	12	1
69−1510	Spacer−Caster	82	2	12
69−1510	Spacer−Castor	92	35	48
69−1530	Housing−Spindle	96	8	1
69−1540	Pivot−Spring	80	34	1
69−1560	Lever−Lock	4	1	1
69−1580	Anchor−Latch LH	88	55	1
69−1600	Anchor−Latch RH	88	*	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69−1610	Adapter−Suction Hose	23	8	1
69−1630	Arm−Latch Pivot	90	12	4
69−1650	Screen−Suction	23	17	1
69−1670	Cooler−Oil	44	32	1
69−1700	Asm−Hydraulic Filter	24	19	1
69−1710	Indicator−Filter	24	25	1
69−1720	Element−Filter	24	21	1
69−1730	Asm−Planetary Gear Drive	32	32	2
69−1740	Spindle	35	3	1
69−1750	Asm−Fuel Filter	73	*	1
69−1760	Sensor−Water	73	9	1
69−1770	Element−Spin−On	73	11	1
69−1780	Asm−Lift Valve	19	2	1
69−1790	Plunger	20	37	2
69−1800	Asm−Plug	20	32	3
69−1810	Spring	20	33	3
69−1820	Spring−Black	20	21	1
69−1830	Asm−Plug	20	16	1
69−1840	Plunger	20	31	1
69−1860	Gerotor	5	16	1
69−1880	Spacer	5	17	1
69−1940	Indicator−Electrical	71	27	1
69−1980	Nut−Jam	79	16	1
69−2050	Asm−Hydraulic Pump	25	8	1
69−2050	Pump−Gear, Double	45	8	1
69−2060	Asm−Shaft End Cover	26	18	1
69−2070	Plate−Flex	26	5	4
69−2080	Asm−Center Section	26	7	2
69−2090	Gear/Shaft−Rear Drive	26	8	1
69−2100	Asm−Rear Cover	26	11	1
69−2110	Coupling	26	1	1
69−2120	O−Ring	26	10	2
69−2130	Plug	26	19	1
69−2140	Screw−HH	26	14	4
69−2150	Screw−HH	26	13	4
69−2160	Asm−Port Section	26	16	1
69−2170	Asm−Adapter Section	26	2	1
69−2200	O−Ring	26	6	2
69−2210	O−Ring	26	15	1
69−2220	Pump/Valve	37	52	1
69−2230	Asm−Flow Divider	39	30	1
69−2240	Screw	39	32	4
69−2250	Bearing−Sleeve	39	20	4
69−2260	Seal−Load	39	17	1
69−2270	Seal−Pre−Load	39	18	1
69−2280	Shaft/Gear−Idler	39	15	1
69−2290	Shaft/Gear−Drive	39	28	1
69−2300	Ring−Retaining	39	26	1
69−2310	Seal−Shaft	39	27	1
69−2320	Plate−Wear	39	16	1
69−2330	Asm−Body	39	21	1
69−2340	Pin−Dowel	39	14	2
69−2350	Ring−Sealing	39	19	1
69−2360	Screw	39	23	4
69−2370	Washer	39	22	4
69−2380	Screw	39	24	4
69−2390	Washer	39	25	4
69−2400	O−Ring	39	29	1
69−2410	Plug	39	1	2
69−2420	O−Ring	39	2	2
69−2430	Spring−Compression	39	5	1
69−2440	Orifice	39	4	1
69−2450	Piston	39	3	1
69−2460	Cap	39	6	1
69−2470	Gasket−Cap	39	7	1
69−2480	Screw−Set	39	8	1
69−2490	Spring−Compression	39	9	1
69−2500	Poppet	39	10	1
69−2510	Seat	39	11	1
69−2520	Plug−Pipe	39	31	1
69−2530	O−Ring	39	12	1
69−2540	Asm−Cover	39	13	1
69−2550	Kit−Repair, Pump	39	*	1
69−2560	Kit−Repair, Pump & Divider	39	*	1
69−2570	Head	81	4	1
69−2580	Shaft w/clevis	81	1	1
69−2640	Asm−Master Cylinder	7	9	1
69−2650	Boot−Rod	8	1	1
69−2660	Ring−Retaining	8	2	1
69−2730	Asm−Piston	8	*	1
69−2740	Bail−Cover	8	12	1
69−2750	Cover−Reservoir	8	9	1
69−2760	Gasket−Diaphragm	8	10	1
69−2770	Seat−Tube	8	11	1
69−2960	Hub−Rear Wheel	77	19	2
69−2970	Cap−Hub	77	27	2
69−2980	Seal−Inner	77	32	2
69−2990	Screw−Drive	77	18	10
69−3010	Strap−Hold Down	43	6	4
69−3020	Handle−Latch	42	16	2
69−3020	Latch	44	20	8
69−3030	Strike−Latch	42	13	8
69−3050	Motor−Hydraulic Wheel	32	44	2
69−3070	Washer−Lock	41	62	10
69−3070	Washer−Plain	34	2	10
69−3080	Plug	41	60	4
69−3120	Plug	41	95	1
69−3130	Plug	40	9	1
69−3130	Plug−Hole	34	33	1
69−3140	Bracket−Lifting	41	58	1
69−3150	Screw−HH	34	1	10
69−3150	Screw−HH	41	61	10
69−3170	Ring−Retaining	34	19	2
69−3170	Ring−Retaining	40	31	2
69−3180	Shaft Pump	40	37	1
69−3190	Seal−Lip	34	18	1
69−3190	Seal−Lip	40	30	1
69−3200	Ring−Retaining	34	17	2
69−3200	Ring−Retaining	40	29	2
69−3210	Bearing−Ball	34	20	1
69−3210	Bearing−Ball	40	32	1
69−3220	Screw	40	28	1
69−3230	Pin−Spring	40	12	1
69−3230	Pin−Spring	34	32	1
69−3240	Bearing−Journal	40	25	2
69−3250	Swashplate−Variable	40	24	1
69−3370	Bearing−Needle	40	13	1
69−3370	Bearing−Needle	34	31	1
69−3390	Asm−Gerotor	41	89	1
69−3400	Screw−HH	41	83	3
69−3410	Adapter−A Flange	41	85	1
69−3420	Ring−Temper Load	41	86	1
69−3430	Key−Woodruff	41	84	1
69−3440	O−Ring	41	87	1
69−3450	Pin	34	30	1
69−3450	Pin	40	41	1
69−3460	Plug Expansion	41	80	1
69−3470	Pin	40	36	1
69−3500	Bearing−Sleeve	34	13	1
69−3500	Sleeve−Bearing	40	34	1
69−3510	Pin	34	14	1
69−3510	Pin	40	35	1
69−3520	Pin−Spring	34	23	2
69−3540	Cover−Gerotor	41	88	1
69−3550	Pin	41	81	1
69−3560	O−Ring	34	38	2
69−3560	O−Ring	41	55	2
69−3570	Ring−Piston	34	39	2
69−3570	Ring−Piston	41	56	2
69−3580	Guide−Spring	40	8	1
69−3590	Ring−Retaining	40	7	1
69−3600	Nut−Hex.	40	6	1
69−3610	Nut−Jam	40	5	1
69−3620	Cover−Servo Adjustment	40	1	1
69−3630	Nut Special	40	2	1
69−3640	Cover−Servo	40	3	1
69−3650	Piston−Servo	40	53	1
69−3660	Screw−Special	41	91	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69–3670	Spring–Compression	41	93	1
69–3680	Stop–Servo	41	92	1
69–3690	Bearing	41	54	2
69–3700	Guide–Spring	41	90	1
69–3710	Gasket–Servo	40	4	2
69–3710	Gasket–Servo Cover	34	41	2
69–3720	Cover Servo	41	57	1
69–3720	Cover–Servo	34	43	2
69–3730	Valve–Relief	41	78	2
69–3740	Spring–Compression	41	72	2
69–3750	O–Ring	41	77	2
69–3760	Plug–Special	41	71	2
69–3770	Shim	41	69	1
69–3780	Plug	41	67	1
69–3790	Spring Compression	41	70	1
69–3800	Valve	41	65	1
69–3810	Valve–By Pass	41	66	1
69–3820	Sleeve–Control Valve	40	42	1
69–3830	Spool–Rotary Valve	40	46	1
69–3840	O–Ring	40	52	1
69–3860	Screw–HFH	40	49	1
69–3870	Handle–Control Valve	40	50	1
69–3880	Spring–Neutral Return	40	45	1
69–3890	Bracket–Neutral Return	40	48	1
69–3900	Washer	40	51	1
69–3910	Asm–Cylinder Block	40	39	1
69–3910	Kit–Cylinder Block	34	27	1
69–3920	Kit–Piston Ring & O–Ring	34	*	1
69–3940	Plug	34	29	1
69–3950	Shaft–Motor	34	25	1
69–3960	Screw	34	21	1
69–3970	Bearing–Journal	34	22	2
69–3980	Swashplate–Variable	34	24	1
69–3990	Plate–Motor Valve	34	28	1
69–4020	Piston–Servo	34	37	1
69–4030	Spring–Servo	34	40	1
69–4040	Stop–Servo Piston	34	42	1
69–4070	Manifold–Counter Balance	21	14	1
69–4130	Plug–Orifice .047mm	21	39	2
69–4140	Plug–Orifice .120mm	21	38	1
69–4220	Plug–Orifice	76	47	1
69–4280	Tube–Hydraulic Vent	23	33	1
69–4320	Fitting–Hydraulic 90°	83	8	1
69–4400	Carrier–Wing Deck	88	54	1
69–4780	Clamp–Gauge	13	23	2
69–5410	Manifold–Return	24	10	1
69–5430	Pulley–Idler	86	7	1
69–5430	Pulley–Idler	83	25	1
69–5440	Hose–Hydraulic	80	12	3
69–5440	Hose–Hydraulic	24	30	1
69–5440	Hose–Hydraulic	38	58	1
69–5450	Hose–Hydraulic	38	56	1
69–5460	Hose–Hydraulic	24	14	1
69–5460	Hose–Hydraulic	37	18	1
69–5470	Hose–Hydraulic	27	16	1
69–5470	Hose–Hydraulic	38	57	1
69–5480	Hose–Hydraulic	27	17	1
69–5480	Hose–Hydraulic	38	59	1
69–5490	Hose–Cylinder	87	39	4
69–5500	Hose–Hydraulic	4	33	4
69–5510	Hose–Hydraulic	77	1	4
69–5600	Hose–Hydraulic	75	9	1
69–5610	Hose–Hydraulic	75	17	1
69–5620	Hose–Hydraulic	44	29	1
69–5640	Hose–Hydraulic	25	12	1
69–5640	Hose–Suction	45	11	2
69–5640	Hose–Suction	23	12	1
69–5650	Hose–Hydraulic	24	18	1
69–5650	Hose–Hydraulic	37	22	1
69–5670	Cable–Brake	6	22	2
69–5680	Tube–Hydraulic	21	9	1
69–5680	Tube–Hydraulic	19	20	1
69–5700	Tube–Hydraulic	19	18	1
69–5710	Tube–Hydraulic	21	20	1
69–5720	Tube–Hydraulic	19	17	1
69–5730	Tube–Hydraulic	21	33	1
69–5740	Tube–Hydraulic	19	19	1
69–5790	Tube–Hydraulic	27	37	1
69–5800	Tube–Hydraulic	23	20	1
69–5800	Tube–Hydraulic	30	28	1
69–5810	Tube–Hydraulic Return	28	*	1
69–5820	Tube–Hydraulic	21	31	1
69–5830	Tube–Hydraulic	21	32	1
69–5850	Tube–Hydraulic	21	18	1
69–5860	Tube–Hydraulic	19	16	1
69–5860	Tube–Hydraulic	21	34	1
69–5870	Tube–Hydraulic	19	22	1
69–5870	Tube–Hydraulic	21	28	1
69–5890	Tube–Hydraulic	21	5	1
69–5890	Tube–Hydraulic	19	21	1
69–5900	Tube–Hydraulic	44	31	1
69–5910	Tube–Hyd. Diagnostic	29	6	1
69–5910	Tube–Hydraulic	21	19	1
69–5920	Tube–Diagnostic	29	8	1
69–5920	Tube–Hydraulic	21	37	1
69–5930	Tube–Hydraulic RH	32	*	1
69–5940	Tube–Hydraulic LH	32	2	1
69–5950	Tube–Hydraulic	24	32	1
69–5950	Tube–Hydraulic	28	57	1
69–5970	Tube–Hydraulic RH	87	*	1
69–5980	Tube–Hydraulic LH	87	21	1
69–5990	Tube–Hydraulic	24	12	1
69–5990	Tube–Hydraulic	88	53	1
69–6000	Tube–Hydraulic	24	11	1
69–6000	Tube–Hydraulic	88	49	1
69–6010	Tube–Hydraulic	78	50	1
69–6020	Tube–Hydraulic	78	51	1
69–6030	Tube–Hydraulic	27	35	1
69–6030	Tube–Hydraulic	88	46	1
69–6040	Tube–Hydraulic	27	34	1
69–6040	Tube–Hydraulic	88	50	1
69–6050	Tube–Hydraulic	27	33	1
69–6050	Tube–Hydraulic	88	51	1
69–6060	Tube–Hydraulic	27	38	1
69–6060	Tube–Hydraulic	88	47	1
69–6070	Tube–Hydraulic	30	36	1
69–6070	Tube–Hydraulic	88	48	1
69–6080	Tube–Hydraulic	30	35	1
69–6080	Tube–Hydraulic	88	52	1
69–6100	Tube–Hydraulic Pressure	28	50	1
69–6120	Tube–Hydraulic	30	16	1
69–6130	Tube–Hydraulic	30	15	1
69–6140	Tube–Hydraulic	75	45	1
69–6140	Tube–Hydraulic RH	87	*	1
69–6150	Tube–Hydraulic	75	46	1
69–6150	Tube–Hydraulic RH	87	*	1
69–6160	Tube–Hydraulic	75	11	1
69–6170	Tube–Hydraulic	75	21	1
69–6170	Tube–Hydraulic LH	87	6	1
69–6180	Tube–Hydraulic	75	20	1
69–6180	Tube–Hydraulic LH	87	22	1
69–6190	Tube–Hydraulic	27	23	1
69–6200	Tube–Hydraulic	27	22	1
69–6260	Magnet	11	6	1
69–6260	Magnet–Cover	85	15	2
69–6260	Magnet–Cover	86	15	2
69–6260	Magnet–Cover	94	20	8
69–6260	Magnet–Cover	83	32	4
69–6340	Plate–Motor Mounting RH	94	*	1
69–6360	Plate–Motor Mounting LH	94	3	1
69–6390	Plate–Gearbox	84	52	1
69–6470	Bushing–Flange	91	5	8
69–6470	Bushing–Flange	77	6	6
69–6470	Bushing–Flange	92	16	20
69–6470	Bushing–Flange	82	26	4
69–6470	Bushing–Flange	80	29	4
69–6470	Bushing–Flange	87	30	4
69–6550	Arm–Tension	83	38	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69–6610	Arm–Idler	83	23	1
69–6610	Asm–Idler Arm	86	27	1
69–6640	Hinge–Left Front	85	13	1
69–6670	Hinge–Left Rear	85	17	1
69–6690	Hinge–Right Front	86	28	1
69–6710	Hinge–Right Rear	86	23	1
69–6730	Skid	85	7	1
69–6730	Skid	92	21	4
69–6730	Skid	86	29	1
69–6760	Shaft–Spindle	96	10	1
69–6780	Cover–Center Left	83	30	1
69–6790	Cover–Center Right	84	54	1
69–6800	Cover–Inner LH	94	1	1
69–6810	Cover–Outer LH	94	16	1
69–6820	Cover–Inner RH	94	*	1
69–6830	Cover–Outer RH	94	*	1
69–6840	Cover–Right Wing	86	2	1
69–6850	Cover–Left Wing	85	22	1
69–6860	Washer–Castor	82	25	8
69–6860	Washer–Thrust	92	33	28
69–6870	Plate–Magnet	86	3	2
69–6870	Plate–Magnet	94	18	8
69–6870	Plate–Magnet	85	21	2
69–6870	Plate–Magnet	83	31	4
69–6900	Shaft–Hinge	85	14	1
69–6900	Shaft–Hinge	86	20	1
69–6920	Blade–20”	96	12	1
69–6960	Spacer–Idler	83	14	4
69–6960	Spacer–Idler	94	23	6
69–6970	Spacer–Idler	86	17	1
69–6970	Spacer–Idler	83	26	1
69–6980	Valve–Check	4	38	1
69–6990	Lever–Valve Mid.	19	*	1
69–7000	Lever–Valve RH	19	*	1
69–7010	Lever–Valve LH	19	5	1
69–7040	Holder–Cup	11	13	1
69–7100	Support–Radiator Lower	44	24	1
69–7120	Grille–Upper	42	27	1
69–7150	Grille–Lower	42	23	1
69–7170	Clevis–Deck	92	10	2
69–7210	Tube–Latch	90	5	2
69–7290	Mount–Ball Joint	82	5	2
69–7420	Axle–Rear	77	16	1
69–7650	Pedal–Traction	9	24	1
69–7700	Pedal–Brake	7	3	1
69–7700	Pedal–Brake	6	20	2
69–7720	Pawl–Brake	6	7	1
69–7740	Support–Steering Gear	4	21	1
69–7760	Link–Steering Gear	4	19	1
69–7790	Pin–Brake Arm	6	11	1
69–7810	Bracket–Valve	19	11	1
69–7840	Mount–Brake Arm	6	16	1
69–7880	Arm–Brake LH	6	23	1
69–7890	Arm–Brake RH	6	2	1
69–7920	Support–Lift Arm LH	80	27	2
69–7940	Support–Lift Arm RH	80	4	2
69–7960	Support–Axle	77	12	2
69–8040	Arm–Throttle	18	4	1
69–8080	Cover–Tool Box	10	3	1
69–8110	Box–Tool	10	5	1
69–8160	Tower–Steering	4	31	1
69–8210	Support–Cover	11	26	1
69–8230	Bracket–Trim LH	43	17	1
69–8250	Bracket–Trim R.H	43	20	1
69–8290	Frame–Battery	74	33	1
69–8390	Pulley–Spindle	96	4	1
69–8440	Hose–Hydraulic	80	9	1
69–8440	Hose–Hydraulic	24	31	1
69–8450	Hose–Hydraulic	44	30	1
69–8470	Spring–Torsion	80	32	1
69–8480	Spring–Compression	90	6	2
69–8490	Bracket–Throttle Cable	45	30	1
69–8500	Shim–Hinge Bracket	43	21	6
69–8510	Cover–Steering Tower	4	41	1
69–8590	Support–Radiator Upper	44	2	1
69–8690	Support–Grille	42	15	1
69–8750	Arm–Brake	7	1	1
69–8790	Plate–Reinforcing	82	4	2
69–8790	Plate–Reinforcing	92	4	2
69–8860	Arm–Castor RH	82	7	1
69–8890	Cap–Spindle	77	13	2
69–8900	Spacer	28	52	2
69–8910	Washer	36	3	2
69–8910	Washer	28	51	4
69–8920	Washer	30	4	4
69–8930	Washer	27	26	4
69–8940	Washer	27	5	12
69–8940	Washer	87	16	20
69–8950	Spacer	30	5	2
69–8960	Spacer	27	27	2
69–8970	Spacer	87	17	10
69–8970	Spacer	27	31	6
69–8980	Washer	30	30	8
69–8990	Spacer	30	33	4
69–9000	Spacer	87	9	4
69–9010	Washer	87	10	8
69–9020	Nut–Special	37	26	1
69–9030	Post–Neutral Device	9	14	1
69–9040	Cam–Neutral Device	37	31	1
69–9050	Bar–Neutral Device	37	45	1
69–9100	Washer–Latch	90	7	2
69–9120	Rod–Hood Prop	74	5	1
69–9130	Bracket–Throttle	18	11	1
69–9140	Link–Valve Lever	19	6	3
69–9150	Shaft–Valve Lever	19	9	1
69–9180	Pin–Cylinder	80	17	2
69–9190	Bushing–Cylinder	87	38	2
69–9200	Pin–Brake Pawl	6	8	1
69–9210	Lever–Brake Latch	6	4	1
69–9220	Bracket–Suction Tube	45	16	2
69–9220	Support–Tube Clamp	25	17	2
69–9230	Shaft–Steering Pivot	4	2	1
69–9240	Roller–Cam	91	16	2
69–9250	Shaft–Roller	91	18	2
69–9260	Pin–Clevis	82	29	2
69–9290	Pad–Bumper	83	17	2
69–9300	Cushion–Rubber	91	8	2
69–9300	Cushion–Rubber	87	34	2
69–9300	Cushion–Rubber	28	41	2
69–9310	Plate–Lever	14	20	1
69–9330	Cover	30	1	1
69–9340	Rod–Brake	7	15	1
69–9350	Bracket–Hood Prop Rod	74	2	1
69–9390	Shaft–Pedal	9	11	1
69–9420	Muffler–Exhaust	71	7	7
69–9430	Foam–Tool Box	10	4	1
69–9440	Panel–Steering Tower	4	4	1
69–9450	Bracket–Wing Hose LH	87	7	1
69–9460	Bracket–Wing Hose RH	87	*	1
69–9470	Cover–Access	28	63	1
69–9480	Bracket–Neutral Device	37	28	1
69–9520	Panel–Rear	43	9	1
69–9540	Bracket–Steering Gear	4	18	1
69–9560	Housing–Control	11	1	1
69–9570	Asm–Front Lift Arm, RH	80	43	1
69–9580	Asm–Front Lift Arm, LH	80	39	1
69–9650	Screen–Cowl	42	9	2
69–9680	Shaft–Latch	90	10	2
69–9700	Mount–Rubber	92	5	8
69–9710	Nut–Lock	71	6	3
69–9720	Strip–Sealing	42	28	2
69–9721	Strip–Sealing	42	18	3
69–9722	Trim–Sealing	42	35	1
69–9723	Seal–Hood Bottom	43	15	2
69–9724	Seal–Hood Front	43	29	1
69–9730	Switch–Toggle	14	18	1
69–9740	Switch–Toggle	14	14	1
69–9760	Plate–Cover	30	10	3

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
69−9761	Plate−Clamp	74	36	1
69−9761	Plate−Cover	87	13	1
69−9761	Plate−Cover	30	14	5
69−9761	Plate−Cover	24	43	3
69−9800	Tire	32	28	2
69−9810	Joint−Ball	79	2	1
69−9880	Tire	77	22	2
69−9940	Nut−Jam	32	40	4
69−9950	Spring−Extension	32	37	4
69−9960	Link	32	36	4
69−9970	Stud	32	35	4
69−9980	Ball	32	39	6
69−9990	Disc−Actuating	32	38	4
70−2880	Bolt	54	9	4
70−2970	Nut−Jam	47	5	8
70−3000	Pin−Dowel	49	13	2
70−3060	Gasket	68	1	2
70−3060	Gasket	55	5	2
70−3090	Clamp−Hose	55	16	2
70−3240	Plug−Air	65	3	1
70−3250	Bolt−Connector	65	1	2
70−3370	Cap−Sealing	49	5	6
70−3440	Clamp	55	13	1
70−3480	Stud	55	35	4
70−3530	Gasket−Valve	60	10	4
70−3560	Pinion−Control	61	39	4
70−3570	Screw−Clamp, Pinion	60	31	4
70−3610	Sheet−Spring, Lower	61	35	4
70−3630	Tappet	61	33	4
70−3670	Plug−Screw	61	34	4
70−3680	Camshaft	61	40	1
70−3690	Ring−Adjusting	60	22	1
70−3700	Ring−Adjust	60	3	1
70−3710	Shim−0.10mm Thick	60	20	AR
70−3720	Shim−0.12mm Thick	60	20	AR
70−3730	Shim−0.14mm Thick	60	20	AR
70−3740	Shim−0.16mm Thick	60	20	AR
70−3750	Shim−0.18mm Thick	60	20	AR
70−3760	Shim−0.50mm Thick	60	20	AR
70−3770	Shim−0.30mm Thick	60	20	AR
70−3780	Shim−0.10mm Thick	60	2	AR
70−3790	Shim−0.15mm Thick	60	2	AR
70−3800	Shim−0.30mm Thick	60	2	AR
70−3810	Shim−0.50mm Thick	60	2	AR
70−3820	Cover−Bearing	61	42	1
70−3860	Washer−Union	60	16	2
70−3870	Washer−Union	60	5	2
70−3880	Plate−Set	60	15	2
70−3890	Washer−Nipple	62	16	2
70−3900	Packing	60	23	2
70−3910	Washer−Nipple	60	26	2
70−3930	Gasket−Plate, Cover	60	19	1
70−3940	Cover−Plate	61	44	1
70−3950	Screw	60	24	2
70−3970	Shim−0.60mm Thick	60	32	AR
70−3980	Shim−0.70mm Thick	61	32	AR
70−3990	Shim−0.80mm Thick	61	32	AR
70−4000	Shim−0.90mm Thick	61	32	AR
70−4010	Shim−1.00mm Thick	61	32	AR
70−4020	Shim−1.10mm Thick	61	32	AR
70−4030	Shim−1.20mm Thick	61	32	AR
70−4040	Shim−1.30mm Thick	61	32	AR
70−4050	Shim−1.40mm Thick	61	32	AR
70−4060	Shim−0.10mm Thick	61	32	AR
70−4070	Shim−0.20mm Thick	61	32	AR
70−4080	Shim−0.30mm Thick	61	32	AR
70−4090	Shim−0.40mm Thick	61	32	AR
70−4100	Shim−0.50mm Thick	61	32	AR
70−4110	Shim−0.15mm Thick	61	32	AR
70−4170	Asm−Flyweight	62	47	1
70−4180	Nut−Round	62	45	1
70−4190	Sleeve−Governor	62	44	1
70−4200	Plate	62	43	1
70−4210	Plate	63	56	1
70−4230	Bushing−Lever	62	9	2
70−4310	Nut−Lock, Adapter	62	17	1
70−4320	Asm−Control, Tension	62	39	1
70−4330	Bushing	62	25	1
70−4340	Shackle	63	61	1
70−4350	Shaft−Lever	62	12	1
70−4360	Plug−Screw	62	11	2
70−4370	Spring−Control	62	38	1
70−4380	Spring−Start	63	60	1
70−4390	Screw−Adjusting	63	67	1
70−4400	Cover−Governor	62	13	1
70−4410	Pin−Stop	63	66	1
70−4430	Screw−Adjusting	62	27	1
70−4440	Nut−Cap	62	18	1
70−4460	Plate−Cap	62	7	1
70−4470	Lever−Support	62	2	1
70−4480	Shaft−Governor	62	1	1
70−4490	Cup−Spring	62	3	1
70−4500	Spring	62	6	1
70−4510	Spring	62	4	1
70−4520	Spring	62	5	1
70−4530	Cover−Spring	62	34	1
70−4540	Slider−Supporting	62	40	1
70−4570	Lever−Stop	62	35	1
70−4580	Cap−Lever	62	10	1
70−4590	Plug−Screw	63	55	1
70−4600	Asm−Housing	64	18	1
70−4610	Valve−Check	64	5	2
70−4620	Spring−Valve	64	6	2
70−4630	Gasket−Plug	64	7	2
70−4640	Support−Valve	64	8	1
70−4650	Pump−Priming	64	11	1
70−4730	Tappet−Feed Pump	64	13	1
70−4740	Roller−Tappet	64	14	1
70−4750	Pin−Roller	64	16	1
70−4760	Block−Sliding	64	12	2
70−4770	Spring−Piston	64	3	1
70−4780	Plug−Chamber	64	1	1
70−4790	Filter−Fuel	64	19	1
70−4800	Screw−Hollow	64	20	1
70−4840	Nut−Retaining	59	8	4
70−4860	Washer−1.000mm Thick	59	2	AR
70−4870	Washer−1.050mm Thick	59	2	AR
70−4880	Washer−1.100mm Thick	59	2	AR
70−4890	Washer−1.275mm Thick	59	2	AR
70−4900	Washer−1.325mm Thick	59	2	AR
70−4920	Washer−0.950mm Thick	59	2	AR
70−4980	Bolt−Eye	55	4	1
70−5310	Elbow	55	18	1
70−5700	Asm−Pump, Feed	64	*	1
70−5710	Asm−Filter, Fuel	65	*	1
70−5710	Asm−Filter, Fuel	70	32	1
70−5710	Filter−Fuel	70	32	1
70−5720	Bracket	65	5	1
70−5730	Asm−Cartridge	65	6	1
70−6480	Pin−Split	63	62	1
70−6490	Snap Ring	62	42	1
70−6500	O−Ring	62	24	1
70−6510	O−Ring	62	8	2
70−6520	Bolt−W/Washer	62	36	1
70−6530	Bolt−W/Washer	58	25	6
70−6540	Bolt−W/Washer	62	19	2
70−6540	Bolt−W/Washer	61	41	4
70−6560	Nut−W/Hole	62	28	1
70−6610	Washer−Plate 0.2mm Thick	62	41	AR
70−6620	Washer−Plate 0.3mm Thick	62	41	AR
70−6630	Washer−Plate 0.4mm Thick	62	41	AR
70−6640	Washer−Plate 0.1mm Thick	62	41	AR
70−6650	Washer−Plate 1.0mm Thick	62	41	AR
70−6670	Washer−Spring	62	46	1
70−6680	Washer−Spring	58	31	1
70−6690	Washer−Plate	62	22	2
70−6700	Washer	64	2	1
70−6710	Washer−Copper Plate	63	54	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
70−6720	Stud	60	27	3
70−6730	Bolt−W/Washer	62	33	1
70−6740	Bolt−W/Washer	62	14	2
70−6750	Bolt−W/Washer	62	30	4
70−6780	Nut−Hex.	58	30	1
70−6790	Packing−Rubber Plate	62	29	1
70−6810	Washer−Snap	63	57	2
70−6820	Ring−Snap	64	15	1
70−6830	Pin−Straight	59	6	8
70−6840	Bearing−Roller	60	1	1
70−6850	Bearing−Roller	60	21	1
70−6860	Key−Woodruff	63	59	1
70−6870	Key−Woodruff	63	52	1
70−6880	Key−Woodruff	58	29	1
70−6890	O−Ring	63	64	1
70−6900	O−Ring	60	28	1
70−6910	O−Ring	60	13	4
70−6920	Seal−Oil	62	31	1
70−6930	Screw−Hollow	60	25	1
70−6940	Screw−Hollow	60	4	1
70−6940	Screw−Hollow	64	10	1
70−6990	Asm−Level Sensing Unit	22	2	1
71−0060	Support−Foam	43	8	1
71−0210	Foam−Radiator Seal	44	13	1
71−0250	Foam−Hood Top	43	2	1
71−0260	Foam−Hood Side LH	43	3	1
71−0270	Foam−Hood Side RH	43	1	1
71−0340	Foam−Rad. Support LH	44	36	1
71−0350	Foam−Rad. Support RH	44	1	1
71−0360	Foam−Rad. Support Top	44	3	1
71−0370	Foam−Lower Rad. Support	44	34	2
71−0380	Foam−Rad. Support Front	44	42	1
71−0390	Foam−Rad. Support Rear	44	44	1
71−0400	Foam−Side Panel	43	14	2
71−0410	Cover−Abrasive	10	2	1
71−0420	Floor−Abrasive	28	66	1
71−0430	Cover−Abrasive	28	64	1
71−0440	Abrasive−Pedal Front	9	25	1
71−0450	Abrasive−Pedal Rear	9	29	1
71−0470	Disc−Middle	32	19	4
71−0480	Asm−Suspension	3	*	1
71−0540	Column−Steering	4	27	1
71−2170	Pin	3	22	1
71−2180	Bearing	3	2	4
71−2190	Pin	3	3	1
71−2200	Bracket−Swing Arm	3	33	1
71−2210	Pin	3	13	1
71−2220	Pin	3	16	1
71−2230	Ring−Snap	3	14	1
71−2240	Asm−Knob	3	15	1
71−2250	Bracket−Spring	3	18	1
71−2260	Spring	3	27	2
71−2270	Nut−Special	3	23	1
71−2280	Band−Weight Indicator	3	10	1
71−2290	Bearing−Trible	3	4	1
71−2300	Bumper	3	9	2
71−2310	Plate−Lower Suspension	3	8	1
71−2320	Pin	3	21	2
71−2330	Ring−Snap	3	19	2
71−2340	Absorber−Shock	3	20	1
71−2380	Washer	2	7	2
71−2390	Rivet−Pop	2	8	2
71−2400	Asm−Bumper	2	6	2
71−2410	Plate−Upper Suspension	2	5	1
71−2420	Bellows−Rubber	2	12	1
71−2430	Plate−Rear	11	16	1
71−2450	Cover−Access	27	24	1
71−2470	Rim	32	29	2
71−2530	Asm−Bearing	96	6	1
71−2550	Washer−Latch Shaft	90	9	2
71−2560	Support−Bulkhead	30	38	2
71−2570	Shaft−Pivot	80	3	1
71−2580	Shaft−Lift Arm Pivot	87	26	2
71−2590	Shaft−Pivot	77	5	1
71−2590	Shaft−Pivot	80	24	1
71−2600	Tube−Anti−Sway	91	11	2
71−2610	Shaft−Deck Pivot	92	15	2
71−2620	Shaft−Lift Arm Elbow	91	23	2
71−2680	Hose−Vent	23	31	1
71−2680	Hose−Vent	44	53	1
71−2690	Hose−Fuel	73	7	1
71−3810	Coupling−Hydraulic Motor	32	34	2
71−3830	Bellcrank−Brake	36	21	2
71−3850	Cover−Housing	36	15	2
71−3860	Clevis	36	28	2
71−3870	Gasket	36	14	2
71−3880	Clevis−Brake Cable	32	15	2
71−3880	Clevis−Brake Cable	36	23	2
71−3900	Gasket	36	25	2
71−3910	Collar	36	34	2
71−3990	Cap−Brake Housing	32	20	2
71−4010	Housing−Brake	32	13	2
71−4060	Rod−Brake Latch	4	40	1
71−4130	Support−Control	11	17	1
71−4170	Switch−Toggle	14	19	1
71−4200	Cluster−Warning Light	13	6	1
71−4210	Cluster−Warning Light	13	4	1
71−4250	Spacer	13	20	2
72−0130	Kit−Horn	4	*	1
72−4070	Decal−Danger	33	47	2
72−4080	Decal−Danger	74	37	1
72−4080	Decal−Danger	28	71	2
72−4310	Switch−Ball	80	11	1
72−4310	Switch−Lift	87	32	2
72−9550	Stud−Fuel Tank	22	17	1
72−9760	Switch	14	15	2
74−0720	Tube−Manual	2	1	1
74−2170	Cylinder−Lift	88	43	2
74−2180	Ring−Steel	89	9	1
74−2190	Cushion	89	10	1
74−2200	Head	89	4	1
74−2210	Piston	89	12	1
74−2220	Collar	89	2	1
74−2230	Shaft/Clevis	89	1	1
74−2270	Fitting−Suction	25	23	1
74−2510	Tube−Hydraulic LH	7	13	1
74−2520	Tube−Hydraulic RH	7	14	1
74−2530	Tube−Hydraulic	7	11	1
74−2660	Hose−Hydraulic Return	24	34	1
74−2680	Bracket−Bulkhead	88	45	1
74−2700	Rod−Control	9	16	1
74−2710	Clamp Half−Hydraulic Line	91	2	4
74−2730	Tube−Clamp	91	31	4
75−0540	Tether−Cap, Reservoir	23	27	1
75−9460	Bracket−Sealing LH	42	19	1
75−9470	Bracket−Sealing RH	42	25	1
75−9480	Bracket−Sealing Bottom	42	22	1
76−1670	Spring−Extension	86	25	1
76−1670	Spring−Extension	80	33	1
76−1670	Spring−Extension	83	36	1
76−2060	V−Belt	85	*	1
76−2060	V−Belt	86	*	1
76−2060	V−Belt	94	*	6
76−2750	Asm−Hydraulic Hose	83	2	1
76−2760	Asm−Hydraulic Hose	83	1	1
76−2770	Asm−Hydraulic Hose	83	6	1
76−4590	Screw	34	16	6
76−4590	Screw	40	27	6
76−4600	Gasket−Cover	40	38	1
76−4600	Gasket−Front Cover	34	26	1
76−4610	Cover	40	33	1
76−4610	Cover−Front	34	15	1
76−8750	Plate−Caution	44	45	2
77−2830	Rod−Spring	83	44	1
77−2990	Cable−Throttle	18	8	1
77−2990	Cable−Throttle	45	50	1
80−0160	Tray−Battery	74	18	1
80−4890	Decal−Service	11	32	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
80−9330	Alarm−Audio	11	3	1
82−4910	Roller	85	27	1
82−4910	Roller	86	36	1
82−5730	Joint−Ball	79	17	1
82−7820	Seat−Brake, Tube	36	13	2
82−7830	Screw−Bleed, Brake	36	11	2
82−7840	Piston−Brake	36	7	2
82−7850	Spring−Compression	36	4	2
82−7900	Shaft−Arm	91	34	2
82−9060	Track & Latch−Adjustment	2	4	1
83−4330	Asm−Tube, Traction LH	28	82	1
83−4330	Tube−Hydraulic LH	32	8	1
83−4340	Asm−Tube, Traction RH	28	83	1
83−4340	Tube−Hydraulic RH	32	*	1
83−6660	Support−Seat	2	11	1
83−8350	Fitting−Traction, LH	27	20	1
83−8360	Fitting−Traction, RH	28	73	1
83−8370	Plate−Clamp	28	74	1
85−4491	Holder−Indicator, Light	11	37	1
85−4750	Display−Diagnostic	12	2	1
85−6150	Tube−Hyd. RH Branch	32	*	1
85−6150	Tube−Hydraulic	27	30	1
85−6190	Link−Deck Tilt	27	1	1
85−6260	Level Sensing Unit	23	3	1
86−7350	Kit−Seal Repair	89	*	1
86−7350	Kit−Seal Repair	81	*	1
86−7410	Plate−Gage	13	5	1
86−7480	Spring−Compression	83	48	1
86−8100	Joint−Ball	90	19	2
86−8100	Joint−Ball	80	37	2
86−8101	Joint−Ball	90	22	2
88−6760	Spring−Gas	43	19	2
88−6770	Stud−Ball	43	18	2
88−6770	Stud−Ball	44	56	2
88−9190	Asm−Solenoid Coil	75	23	3
88−9260	Bracket−Roller RH	86	38	1
88−9270	Bracket−Roller LH	85	29	1
88−9450	Bracket−Hood Cylinder	44	37	2
92−1180	Asm−Seat	1	1	1
92−1741	Tube−Hydraulic	32	42	1
92−1742	Tube−Hydraulic	24	40	1
92−1742	Tube−Hydraulic LH	32	12	1
92−1771	Board−Instrument	13	16	1
92−1772	Asm−Hood	43	4	1
92−2133	Bolt−Flange	57	7	2
92−2133	Bolt−Flange	57	20	2
92−2351	Fitting−Tank Return	24	36	1
92−2352	Hose−Hydraulic	24	35	1
92−3048	Kit−Solenoid Coil	28	54	3
92−3162	Bushing−Flange	83	28	4
92−4094	Roller−Latch	90	16	4
92−4804	Block−Latch Pivot	90	11	2
92−4805	Cam−Spring Trip	90	21	2
92−4806	Pin−Latch	90	13	8
92−4806	Pin−Latch	80	30	1
92−4807	Tube−Hyd. RH Run	32	*	1
92−4807	Tube−Hydraulic	24	4	1
92−4967	Tube−Hydraulic	27	9	1
92−4967	Tube−Hydraulic	21	17	1
92−4970	Hose−Hydraulic	23	37	1
92−4970	Hose−Hydraulic	28	80	1
92−4971	Asm−Hydraulic Cylinder	80	7	2
92−5720	Controller	11	22	1
92−6533	Cushion−Seat	1	7	1
92−6534	Shell−Seat	1	2	1
92−7301	Spacer	1	10	2
92−8003	Housing−Actuator, RH	36	12	1
92−8004	Housing−Actuator, LH	36	*	1
92−8661	Tab	11	34	3
92−9701	Shaft−Cruise Control	9	3	1
92−9730	Cap−End	5	18	1
92−9732	Plate−Wear	5	14	1
92−9735	Screw−Cap	5	19	7
92−9748	Valve−Power Steering	4	28	1
92−9749	Kit−Seal	5	*	1
92−9800	Spacer−Spindle	96	11	1
93−0307	Nut−Retainer	78	53	2
93−0309	Washer	77	25	2
93−0310	Spindle−Wheel RH	77	*	1
93−0311	Spindle−Wheel LH	77	17	1
93−1397	Valve−Flow Control	80	46	1
93−3102	Cap−Fuel	22	10	1
93−3103	Cap−Hydraulic	23	36	1
93−3365	Pin−Dowel	49	1	2
93−3401	Screw−Rocker	47	4	8
93−3417	Gasket	56	12	1
93−3417	Gasket	68	17	1
93−3526	Switch	45	54	1
93−3578	Nut	67	1	1
93−3580	Set−Bolt	67	4	1
93−3582	Set−Screw	67	3	1
93−3583	Bearing−Front	67	6	1
93−3584	Asm−Rotor	67	*	1
93−3585	Bearing−Rear	67	10	1
93−3586	Asm−Stator	67	17	1
93−3588	Set−Regulator	67	*	1
93−3589	Brush	67	15	2
93−3599	Gasket−Liquid	69	13	1
93−4237	Bearing	97	7	4
93−4237	Bearing	82	14	8
93−4237	Bearing	92	29	16
93−4239	Rim−Wheel	82	35	4
93−4240	10” Wheel−Pneumatic	92	30	8
93−4240	10” Wheel−Pneumatic	82	12	2
93−4241	Spacer	82	13	2
93−4241	Spacer	92	28	8
93−4241	Spacer−Bearing, Inner	97	4	1
93−4242	Plate	82	33	2
93−4242	Plate	93	46	8
93−4243	Tire−10”	82	34	2
93−4243	Tire−10”	93	42	8
93−4244	Tube−w/Valve	82	37	2
93−4244	Tube−w/Valve	93	45	8
93−4297	Clamp−Hose	57	22	2
93−5194	Pulley−Idler	70	24	1
93−5630	Spacer−Bearing	82	21	2
93−5630	Spacer−Bearing, Inner	97	8	1
93−5631	Rim−Wheel	82	38	2
93−5973	Asm−10” Foam Filled Tire	97	2	1
93−5980	Hub	82	36	2
93−5980	Hub	93	43	8
93−7037	Switch	7	22	1
93−7037	Switch	38	61	1
93−7038	Switch	28	77	1
93−7039	Bracket−Service Brake	7	21	1
93−7176	Fitting−45˚ ORFS	33	48	2
93−7177	Asm−Tube, Traction LH	27	19	1
93−7177	Tube−Hydraulic, LH	33	50	1
93−7178	Asm−Tube, Traction RH	27	21	1
93−7178	Tube−Hydraulic, RH	33	*	1
93−7179	Tube−Hydraulic	30	27	1
93−7188	Shaft −Slip Yoke	37	6	1
93−7189	Yoke−Pump End	37	3	1
93−7190	Kit−Universal Joint	37	7	2
93−7192	Hose−Diagnostic	28	81	1
93−7192	Hose−Hydraulic Diagnostic	21	25	1
93−7193	Hose−Diagnostic	28	70	1
93−7193	Hose−Hyd. Diagnostic	29	7	1
93−7252	Decal−CE	82	41	1
93−7252	Decal−CE	4	48	1
93−7252	Decal−CE	93	48	2
93−7273	Decal−Danger (Europe)	85	25	1
93−7273	Decal−Danger (Europe)	86	31	1
93−7273	Decal−Danger (Europe)	92	39	4
93−7417	Gasket	36	33	2
93−7418	Cap−Actuator	36	36	2
93−7422	Hose−Hyd. Diagnostic	29	5	1
93−7422	Hose−Hydraulic	27	11	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
93−7423	Hose−Diagnostic	75	44	2
93−7423	Hose−Hyd. Diagnostic	29	9	2
93−7424	Hose−Diagnostic	28	69	1
93−7424	Hose−Hydraulic	37	50	1
93−7425	Hose−Hyd. Diagnostic	29	10	1
93−7426	Tube−Hydraulic	27	39	1
93−7426	Tube−Hydraulic	80	44	1
93−7427	Tube−Hydraulic	80	47	1
93−7480	Bulb−LED	14	27	1
93−7637	Key−Square	95	8	1
93−7815	Decal−Danger (Europe)	85	24	1
93−7815	Decal−Danger (Europe)	92	27	2
93−7815	Decal−Danger (Europe)	86	32	1
93−7824	Decal−Danger (Europe)	85	23	1
93−7824	Decal−Danger (Europe)	86	33	1
93−7824	Decal−Danger (Europe)	92	37	2
93−7824	Decal−Danger (Europe)	84	60	1
93−8457	Belt−Hex. Deck Drive	84	*	1
93−9320	Plate−Valve LH	40	40	1
93−9321	Plug−Orifice	41	75	1
93−9322	Variable Displacement Pump	37	1	1
93−9324	Pivot−Idler	86	41	1
93−9324	Pivot−Idler	84	61	1
93−9337	Bracket−Switch	7	28	1
93−9337	Bracket−Switch	37	35	1
93−9912	Grommet	91	30	2
93−9917	Asm−Hose, Hydraulic	94	9	2
93−9918	Asm−Hose, Hydraulic	94	8	2
93−9919	Asm−Hose, Hydraulic	94	29	2
93−9922	Spacer	88	61	2
93−9925	Asm−Lift Arm RH	87	*	1
93−9925	Asm−Lift Arm RH	91	*	1
93−9926	Asm−Lift Arm LH	91	25	1
93−9926	Asm−Lift Arm LH	87	33	1
93−9928	Clamp−Hose	91	28	2
93−9941	Arm−Outer Lift RH	91	*	1
93−9942	Arm−Outer Lift LH	91	10	1
93−9988	Fitting−Hydraulic	28	61	1
94−1416	Adapter	71	28	1
94−1891	Asm−Hydraulic Tube	25	13	1
94−1891	Tube−Suction	45	12	1
94−1892	Hose−Auxiliary Suction	23	14	1
94−1893	Tank−Hydraulic	23	4	1
94−2865	Tank−Fuel	22	11	1
94−2878	Pin	40	26	2
94−3310	Tube−Vent	22	22	1
94−3311	Hose−Fuel	22	23	1
94−4907	Motor−Hydraulic	83	11	1
94−4907	Motor−Hydraulic	94	13	2
94−5390	Plate−Load	95	4	2
94−5391	Seal−Shaft	95	3	1
94−5392	Kit−Seal	95	*	1
94−6760	Bracket−Support	85	19	1
94−6762	Bracket−Support	86	11	1
94−6772	Retainer−Clamp	91	32	2
94−9412	Seal−Adapter	41	74	1
94−9413	Screw	41	73	3
94−9414	Adapter−Suction	41	79	1
94−9415	Plug	41	96	1
94−9819	Bar−Guard, Front Center	84	63	1
94−9820	Bar−Guard, Front RH & LH	84	62	2
94−9821	Bar−Guard, Front Wing RH	86	42	1
94−9822	Bar−Guard, Wing Inner	93	50	2
94−9823	Bar−Guard, Wing RH & LH	93	51	2
94−9824	Bar− Guard, Front Wing LH	85	32	1
95−0815	Panel−Lever	14	1	1
95−0817	Decal−Height of Cut	84	57	1
95−0818	Decal−Torque	82	30	1
95−0818	Decal−Torque	92	38	2
95−0819	Decal−Belt Routing LH	92	36	1
95−0820	Decal−Belt Routing RH	92	*	1
95−0821	Decal−Hydraulic Oil	30	8	1
95−0822	Decal−Warning	22	12	1
95−0824	Panel−Diagnostic	29	4	1
95−0825	Panel−Control	4	46	1
95−0827	Panel	13	3	1
95−0831	Decal−Fuse	14	22	1
95−0832	Decal−Service (Europe)	11	32	1
95−0833	Decal−Belt Routing	83	39	1
95−0834	Decal−Diagnostic V2.0	12	1	1
95−0845	Decal−Height of Cut	94	28	2
95−0845	Decal−Height of Cut	84	56	1
95−1597	Bushing	89	18	1
95−1692	Fitting−Hydraulic Elbow	83	4	2
95−1821	Spring−Compression	4	45	1
95−1839	Cable−Negative	74	11	1
95−2741	Rim−Wheel	82	40	2
95−2741	Rim−Wheel	93	44	16
95−3297	Washer−Thrust	85	16	2
95−3297	Washer−Thrust	86	24	2
95−4400	Washer−Backup	34	44	1
95−4400	Washer−Backup	41	98	1
95−5616	Spacer	30	40	4
95−5630	Valve−Hydraulic Cartridge	21	1	1
95−5631	Valve−Hydraulic Cartridge	21	36	1
95−5632	Valve−Hydraulic Cartridge	21	15	1
95−5633	Valve−Hydraulic Cartridge	21	30	2
95−5634	Valve−Hydraulic Cartridge	21	10	1
95−5635	Valve−Cartridge (3000 lbs)	75	8	3
95−5636	Valve−Cartridge (20 lbs)	75	40	3
95−5637	Valve−Cartridge (75 lbs)	75	38	3
95−5638	Valve−Solenoid	28	62	1
95−5639	Spool−Solenoid Valve	75	25	3
95−5640	Valve−Cartridge (600 lbs)	75	5	3
95−5641	Kit−Seal	21	11	1
95−5642	Kit−Seal	21	29	3
95−5643	Kit−Solenoid Valve Seal	76	*	3
95−5644	Kit−Cartridge Valve Seal	76	*	6
95−5645	Kit−Cartridge Valve Seal	76	*	6
95−5645	Kit−Seal	21	2	2
95−5907	Asm−Counterbalance	19	26	1
95−5907	Counterbalance Manifold	21	*	1
95−5908	Asm−Manifold	76	*	1
95−5908	Asm−Manifold	74	1	1
95−5916	Asm−Solenoid Valve	28	*	1
95−5917	Valve Seal Kit	28	*	1
95−6456	Hose−Lower Radiator	44	10	1
95−6457	Hose−Air Outlet	71	20	1
95−6458	Hose−Air Outlet	71	22	1
95−6459	Hose−Air Inlet	71	2	2
95−6461	Tube−Intake	71	21	1
95−6462	Bracket−Air Cleaner	71	17	1
95−6463	Bracket−Muffler	71	9	9
95−6464	Bracket−Manifold	71	26	1
95−6465	Asm−Mount Rear	45	48	1
95−6465	Asm−Mount, LH Rear	45	27	1
95−6467	Asm−Mount RH	45	47	1
95−6470	Asm−Mount LH	45	38	1
95−6474	Asm−Exhaust Tube	71	3	1
95−6477	Pulley−Fan Drive	70	27	1
95−6480	Bracket Asm−	70	16	1
95−6481	Plate−Pump Adapter	45	3	1
95−6486	Spacer−Mount	45	41	8
95−6487	Bracket−Hose Support	78	49	1
95−6489	Bracket−Throttle	45	34	1
95−6495	Asm−Bearing Housing	70	11	1
95−6497	Spacer	70	23	1
95−6499	Asm−Engine	45	1	1
96−1267	Pulley−Fan	70	4	1
98−0655	Asm−Hose	45	4	2
98−0655	Asm−Hydraulic Hose	25	1	2
98−0655	Hose−Hydraulic	75	1	2
98−0657	Fitting−Hydraulic	76	48	2
98−0661	Asm−Hydraulic Cylinder	77	42	2
98−0661	Steering Cylinder (Complete)	79	*	2
98−0664	Ring−Head	79	7	1
98−0665	Piston	79	11	1
98−0666	Rod−Piston	79	4	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
98−0667	Kit−Repair	79	*	1
98−0755	Plate−Tension	83	43	1
98−0800	Asm−Air Cleaner	71	19	1
98−0801	Asm−Element	72	3	1
98−0802	Asm−Cover	72	4	1
98−0803	Valve	72	5	1
98−0809	Fan	70	29	1
98−0819	Asm−Pump Drive Shaft	38	*	1
98−0826	Asm−Coupler	45	2	1
98−0830	Retainer−Mount	45	42	4
98−0831	Bearing−Fan	70	9	1
98−0833	Band−Air Cleaner	71	13	1
98−0835	Yoke−Engine End	37	8	1
98−0836	Tube−Slip Yoke	37	4	1
98−1461	Asm−LH Lift Bar	92	18	1
98−1462	Asm−RH Lift Bar	92	*	1
98−1487	Decal−Fuse	11	5	1
98−2365	Cowl−Radiator	42	10	1
98−3008	Hub−Fan	70	5	1
98−3011	Asm−Idler Bracket	70	22	1
98−3013	Support−Fan	70	20	1
98−3023	Washer	45	40	4
98−3024	Mount−Engine	45	43	4
98−3026	Bracket−Hinge	43	28	2
98−3038	Bushing−Idler	86	46	1
98−3038	Bushing−Idler	84	65	1
98−3040	Panel−Control	14	6	1
98−3041	Plate−Control	14	5	1
98−3047	Arm−Pivot	82	10	2
98−3048	Plate−Seat	1	6	1
98−3311	Arm−Anti−Sway LH	91	14	1
98−3312	Arm−Anti−Sway RH	91	*	1
98−7300	Fork−Castor	92	32	8
98−7302	Fork−Castor	82	24	2
98−7307	Asm−Fan Support	70	12	1
98−7308	Cable−Positive	74	12	1
98−7309	Asm−Wire Harness	11	*	1
98−7311	Radiator	44	12	1
98−7312	Wheel−Pneumatic, 12”	82	23	2
98−7313	Tire−12”	82	22	2
98−7318	Shroud−Fan	44	9	1
98−7320	Hose−Upper Radiator	44	4	1
98−7321	Clutch−Modulating Fan	70	31	1
98−7325	Cover−Steering Wheel	4	8	1
98−7326	Harness−Wire, Seat Switch	1	15	1
98−7327	Solenoid−Run	70	*	1
98−7329	Asm−12” Foam Filled Tire	97	10	1
98−7342	Arm−Inside Castor	92	1	2
98−7343	Arm−Outside Castor	92	19	2
98−7346	Tube−Cylinder Bushing	80	15	2
98−7347	Clamp−Hose	71	24	2
98−7348	Foam−Seal	44	15	2
98−7375	Gasket−Nozzle	58	1	4
98−7375	Gasket−Nozzle	69	3	4
98−9008	V−Belt	70	28	1
99−1800	Asm−Head, Cylinder	46	*	1
99−1801	Cap−Sealing 20mm	46	5	12
99−1802	Cap−Sealing 25mm	46	6	7
99−1803	Guide−Valve	46	7	8
99−1804	Seat−Valve, Inlet	46	12	4
99−1805	Seat−Valve, Exhaust	46	13	4
99−1806	Bolt−Cylinder Head	46	4	17
99−1807	Gasket−Head, Cylinder	46	11	1
99−1807	Gasket−Head, Cylinder	68	20	1
99−1808	Eye−Lifting, Rear	46	9	1
99−1809	Gasket−Head, Cylinder	68	4	1
99−1809	Gasket−Head, Rear	46	10	1
99−1810	Bolt−W/Washer	46	16	2
99−1811	Bolt−W/Washer	46	8	4
99−1812	Plug−Drain	46	2	1
99−1812	Plug−Drain	50	5	1
99−1812	Plug−Drain	57	3	2
99−1813	Gasket	57	2	2
99−1813	Gasket	46	3	1
99−1813	Gasket	50	4	1
99−1813	Gasket	68	6	2
99−1813	Gasket	69	11	2
99−1814	Valve−Inlet	47	17	4
99−1815	Valve−Exhaust	47	16	4
99−1816	Retainer−Upper	47	13	8
99−1817	Seal−Stem, Valve	47	14	8
99−1817	Seal−Stem, Valve	68	19	8
99−1818	Asm−Rocker & Shaft	47	*	1
99−1819	Asm−Rocker	47	*	8
99−1820	Spring−Rocker	47	7	3
99−1821	Asm−Shaft, Rocker	47	*	1
99−1822	Ring−Snap	47	1	2
99−1823	Bracket−Shaft, Rocker	47	18	4
99−1824	Bolt−Rocker Bracket	47	6	4
99−1825	Bolt−W/Washer	47	10	4
99−1826	Asm−Cover, Rocker	48	*	1
99−1827	Gasket−Rocker	48	1	1
99−1827	Gasket−Rocker	68	3	1
99−1828	Bolt−W/Washer	48	2	5
99−1828	Bolt/W/Washer	55	22	16
99−1829	Camshaft	48	12	1
99−1830	Bolt−W/Washer	52	7	26
99−1830	Bolt−W/Washer	51	13	5
99−1830	Bolt/W/Washer	56	18	2
99−1830	Bolt/W/Washer	48	15	1
99−1831	Tappet	48	11	8
99−1832	Rod−Push	48	10	8
99−1833	Clip−Hose	48	6	1
99−1834	Hose−Breather	48	7	1
99−1835	Clip	48	8	1
99−1836	Bolt−W/Washer	48	9	1
99−1837	Asm−Crankcase	49	*	1
99−1837	Gasket−Plate, Front	68	23	1
99−1838	Bolt−Cap, Bearing	49	9	10
99−1839	Valve−Check	49	15	4
99−1840	Plug−Cam	49	12	1
99−1841	Pin−Dowel	49	18	1
99−1842	Pin−Spring	49	10	6
99−1843	Bushing	49	16	1
99−1844	Shaft−Idler	49	17	1
99−1845	Plug−Taper	49	3	1
99−1846	Set−Metal, Main Std.	50	*	1
99−1847	Set−Metal, Main U.S. 0.25	50	*	1
99−1848	Set−Metal, Main U.S. 0.50	50	*	1
99−1849	Set−Metal, Main U.S. 0.75	50	*	1
99−1850	Plate−Thrust Std.	50	12	3
99−1851	Plate−Thrust O.S. 0.15	50	12	1
99−1852	Plate−Thrust O.S. 0.30	50	12	1
99−1853	Seal−Side	69	6	2
99−1853	Seal−Side	50	13	2
99−1854	Housing−Flywheel	50	7	1
99−1855	Gasket−Rear	68	5	1
99−1855	Gasket−Rear	50	11	1
99−1856	Bolt−W/Washer	50	10	10
99−1857	Bolt−W/Washer	66	6	2
99−1857	Bolt−W/Washer	50	10	2
99−1858	Stud	50	3	2
99−1859	Plate−Front	51	4	1
99−1860	Gasket−Front Plate	51	5	1
99−1861	Case−Gear, Timing	51	2	1
99−1862	Gasket−Gear	51	3	1
99−1862	Gasket−Rear	68	22	1
99−1863	Cover−Gear, Case	51	15	1
99−1864	Bolt−W/Washer	51	1	13
99−1865	O−Ring	69	1	2
99−1865	O−Ring	51	14	1
99−1865	O−Ring	68	21	2
99−1865	O−Ring	58	38	1
99−1866	Bolt−W/Washer	51	16	5
99−1867	Seal−Oil	51	17	1
99−1868	Gear−Camshaft	51	6	1
99−1869	Gear−Pump, Injection	51	9	1
99−1870	Asm−Idler, Gear	51	*	1

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
99−1871	Plate−Thrust	51	11	1
99−1872	Bolt−W/Washer	51	12	1
99−1873	Gear−Pump, Oil	51	10	1
99−1874	Asm−Pan, Oil	52	*	1
99−1875	Gage−Oil Level	52	2	1
99−1876	Guide−Oil Level Gage	52	4	1
99−1877	Bracket−Gage Guide	52	1	1
99−1878	O−Ring	52	5	1
99−1878	O−Ring	69	5	1
99−1879	Bolt−W/Washer	52	3	1
99−1879	Bolt−W/Washer	66	3	2
99−1879	Bolt−W/Washer	56	5	16
99−1879	Bolt−W/Washer	55	20	4
99−1879	Bolt−W/Washer	58	36	1
99−1879	Bolt−W/Washer	56	20	4
99−1880	Piston−Std.	53	5	4
99−1881	Piston−O.S. 0.25	53	5	4
99−1882	Piston−O.S. 0.50	53	5	4
99−1883	Set−Ring, Piston Std.	53	*	4
99−1884	Ring−Piston O.S. 0.25	53	*	4
99−1885	Ring−Piston O.S. 0.50	53	*	4
99−1886	Pin−Piston	53	12	4
99−1887	Ring−Snap	53	4	8
99−1888	Asm−Rod, Connecting	53	*	4
99−1889	Bolt−Connecting	53	10	8
99−1890	Bushing−Rod, Connecting	53	11	8
99−1891	Set−Metal Std.	53	7	1
99−1892	Set−Metal O.S. 0.25	53	7	1
99−1893	Set−Metal O.S. 0.50	53	7	1
99−1894	Set−Metal O.S. 0.75	53	7	1
99−1895	Asm−Crankshaft	54	*	1
99−1896	Pulley−Crankshaft	54	2	1
99−1897	Nut−Crankshaft	54	1	1
99−1898	Gear−Crankshaft	54	3	1
99−1899	Asm−Flywheel	54	*	1
99−1928	Bracket−Mounting	70	40	1
99−1929	Asm−Solenoid	70	33	1
99−1930	Rod−Connecting	70	37	1
99−1931	Rod−Support	70	39	1
99−2100	Gear−Ring	54	7	1
99−2101	Asm−Inlet, Manifold	55	23	1
99−2102	Gasket−Manifold, Inlet	68	10	1
99−2102	Gasket−Manifold, Inlet	55	24	1
99−2103	Elbow−Air Inlet	55	19	1
99−2104	Gasket	68	2	1
99−2104	Gasket	68	11	1
99−2104	Gasket−Heater, Air	55	21	1
99−2105	Gasket−Exhaust	55	34	1
99−2105	Gasket−Manifold, Exhaust	68	24	1
99−2106	Pipe−Exhaust	55	30	1
99−2107	Gasket−Exhaust	68	25	1
99−2107	Gasket−Exhaust, Manifold	55	32	1
99−2108	Asm−Exhaust, Manifold	55	33	1
99−2109	Spacer	55	26	8
99−2110	Washer	55	28	8
99−2111	Bolt/W/Washer	55	29	8
99−2112	Stud	55	37	4
99−2113	Nut−Lock	55	38	8
99−2114	Gasket−Exhaust	68	26	1
99−2114	Gasket−Exhaust	55	36	1
99−2115	Stud	55	10	3
99−2116	Hose−Air	55	12	1
99−2117	Clamp	55	11	1
99−2118	Pipe−Drain, Oil	55	15	1
99−2119	Pipe−Oil	55	3	1
99−2120	Elbow	55	8	1
99−2121	Gasket−Pipe, Drain	55	14	1
99−2122	Bolt−W/Washer	55	25	2
99−2123	Hose−Oil	55	17	1
99−2124	Asm−Turbocharger	55	9	1
99−2125	Clamp	55	2	2
99−2126	Nut	55	6	1
99−2127	Asm−Pump, Oil	56	*	1
99−2128	O−Ring	68	18	1
99−2128	O−Ring	56	28	1
99−2129	Nut−Jam	56	21	1
99−2130	Strainer−Oil	56	17	1
99−2131	O−Ring	56	8	2
99−2131	O−Ring	69	8	3
99−2131	O−Ring	68	14	3
99−2131	O−Ring	56	16	1
99−2132	Valve	56	13	1
99−2133	Valve	56	15	1
99−2134	Gasket	68	9	1
99−2134	Gasket	56	14	1
99−2135	Asm−Cooler, Oil	56	*	1
99−2136	Asm−Element	56	2	1
99−2137	Asm−Case	56	*	1
99−2138	Bolt−Cooler, Oil	56	6	4
99−2139	Gasket−Cover, Side	56	1	1
99−2139	Gasket−Cover, Side	68	12	1
99−2140	Gasket	56	9	1
99−2140	Gasket	68	15	1
99−2141	O−Ring	56	3	2
99−2141	O−Ring	68	13	2
99−2142	Gasket	56	7	4
99−2142	Gasket	68	16	4
99−2143	Cartridge−Oil	56	11	1
99−2144	Union−Filter, Oil	56	10	1
99−2145	Asm−Pump, Water	57	*	1
99−2146	Cover−Pump, Water	57	10	1
99−2147	Gasket−Cover, Pump	69	10	1
99−2147	Gasket−Cover, Pump	57	12	1
99−2148	Gasket−Pump, Water	57	11	1
99−2148	Gasket−Water	69	9	1
99−2149	Pulley−Pump, Water	57	18	1
99−2150	Bolt−W/Washer	57	1	1
99−2150	Bolt−W/Washer	57	14	5
99−2151	Bolt−Flange	57	19	1
99−2152	Hose−By−Pass	57	23	1
99−2153	Cover−Thermostat	57	6	1
99−2154	Gasket−Thermostat	57	5	1
99−2154	Gasket−Thermostat	69	12	1
99−2155	Thermostat	57	4	1
99−2156	Asm−Case, Thermostat	57	*	1
99−2157	Asm−Thermostat	57	*	1
99−2158	Bolt−W/Washer	57	26	1
99−2159	Belt−Raw Edge	57	15	1
99−2160	Bolt−W/Washer	57	17	4
99−2161	Asm−Pump, Injection	58	*	1
99−2162	Cover−Control	58	32	1
99−2163	Asm−Pump, Feed	58	28	1
99−2164	Bolt−W/Washer	58	24	1
99−2165	Support−Nozzle	58	10	4
99−2166	Bolt−W/Washer	58	11	4
99−2167	Cap	58	2	1
99−2168	Asm−Hose, Oil	58	*	3
99−2169	Clip	58	4	7
99−2170	Bracket−Pump	58	12	1
99−2171	Flange−Pimp, Injection	58	37	1
99−2172	Pipe−Injection No. 1	58	6	1
99−2173	Pipe−Injection No. 2	58	7	1
99−2174	Pipe−Injection No. 3	58	8	1
99−2175	Pipe−Injection No. 4	58	9	1
99−2176	Pipe−Return, Fuel	58	17	1
99−2177	Joint−Eye	58	18	1
99−2178	Asm−Hose, Fuel	58	16	1
99−2179	Bolt−W/Washer	58	21	3
99−2180	Hose	58	40	1
99−2181	Hose	58	39	1
99−2182	O−Ring	69	2	1
99−2182	O−Ring	58	35	1
99−2183	Bolt−W/Washers	58	34	4
99−2184	Pipe−Oil	58	23	1
99−2185	Connector	58	22	1
99−2186	Color	58	33	1
99−2187	Asm−Nozzle	59	*	4
99−2188	Asm−Holder	59	*	4

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
99−2189	Asm−Tip, Nozzle	59	7	4
99−2190	Washer−1.150mm Thick	59	2	AR
99−2191	Washer−1.200mm Thick	59	2	AR
99−2192	Washer−1.250mm Thick	59	2	AR
99−2193	Washer−1.300mm Thick	59	2	AR
99−2194	Washer−1.350mm Thick	59	2	AR
99−2195	Washer−1.400mm Thick	59	2	AR
99−2196	Washer−1.450mm Thick	59	2	AR
99−2197	Washer−1.500mm Thick	59	2	AR
99−2198	Washer−1.550mm Thick	59	2	AR
99−2199	Washer−1.600mm Thick	59	2	AR
99−2200	Washer−1.650mm Thick	59	2	AR
99−2201	Washer−1.700mm Thick	59	2	AR
99−2202	Washer−1.750mm Thick	59	2	AR
99−2203	Washer−1.800mm Thick	59	2	AR
99−2204	Washer−1.375mm Thick	59	2	AR
99−2205	Washer−1.425mm Thick	59	2	AR
99−2206	Washer−1.475mm Thick	59	2	AR
99−2207	Washer−0.700mm Thick	59	2	AR
99−2208	Washer−0.800mm Thick	59	2	AR
99−2209	Washer−0.850mm Thick	59	2	AR
99−2210	Washer−0.900mm Thick	59	2	AR
99−2211	Washer−0.975mm Thick	59	2	AR
99−2212	Washer−1.025mm Thick	59	2	AR
99−2213	Washer−1.075mm Thick	59	2	AR
99−2214	Washer−1.125mm Thick	59	2	AR
99−2215	Washer−1.175mm Thick	59	2	AR
99−2216	Washer−1.225mm Thick	59	2	AR
99−2217	Washer−0.750mm Thick	59	2	AR
99−2218	Packing	59	5	4
99−2219	Housing−Pump	60	6	1
99−2220	Holder−Valve	60	14	4
99−2221	Stopper−Valve	60	12	4
99−2222	Spring−Valve	60	11	4
99−2223	Valve−Delivery	60	9	4
99−2224	Element−Pump	60	8	4
99−2225	Sleeve−Control	61	38	4
99−2226	Sheet−Spring, Upper	61	37	4
99−2227	Spring−Plunger	61	36	4
99−2228	Shim−1.00mm Thick	60	20	AR
99−2229	Shim−1.50mm Thick	60	20	AR
99−2230	Shim−2.00mm Thick	60	20	AR
99−2231	Shim−0.03mm Thick	60	20	AR
99−2232	Gasket−Cover, Bearing	61	43	1
99−2233	Rack−Control	60	18	1
99−2234	Screw−Guide, Rack	60	7	1
99−2235	Asm−Cover, Pump	61	*	1
99−2236	Shim−0.13mm Thick	61	32	AR
99−2237	Nut−Hex.	60	30	3
99−2238	Washer−Spring	60	29	3
99−2239	Asm−Valve	60	17	1
99−2240	Shim−1.00mm Thick	60	2	AR
99−2241	Shim−1.50mm Thick	60	2	AR
99−2242	Shim−0.12mm Thick	60	2	AR
99−2243	Shim−0.14mm Thick	60	2	AR
99−2244	Shim−0.18mm Thick	60	2	AR
99−2245	Shim−0.03mm Thick	60	2	AR
99−2246	Housing−Governor	63	53	1
99−2247	Screw−Adjust	63	50	1
99−2248	Nut−Cap	62	21	1
99−2249	Lever−Tension	62	37	1
99−2250	Nut−Hex.	63	49	1
99−2251	Capsule	62	15	1
99−2252	Lever−Swivelling	63	58	1
99−2253	Lever−Adjusting	62	32	1
99−2254	Plate−Cover	62	20	1
99−2255	Bolt−W/Washer	62	26	2
99−2256	Bushing−Bearing	63	65	1
99−2257	Spring	63	63	1
99−2258	Gasket	63	48	1
99−2259	Gasket	63	51	1
99−2260	Nut−Hex.	62	23	1
99−2261	Rod−Push	64	21	1
99−2262	Washer−Union	64	9	4
99−2263	Piston	64	4	1
99−2265	Plate−Connection	66	1	1
99−2266	Plug−Glow	66	2	4
99−2267	Asm−Starter	66	8	1
99−2268	Bracket−Alternator	66	7	1
99−2269	Asm−Alternator	67	*	1
99−2270	Plate−Adjusting	66	9	1
99−2271	Asm−Pulley	67	2	1
99−2272	Asm−Bracket, Front	67	*	1
99−2273	Asm−Bracket, Rear	67	*	1
99−2274	Asm−Rectifier	67	13	1
99−2275	Set−Nut	67	11	1
99−2277	Gasket	68	27	1
99−2277	Gasket	71	29	1
99−2280	Pin−Pressure	59	4	4
99−2281	Spring−Pressure	59	3	4
99−2282	Seal−Oil	64	17	1
99−2779	Asm−Body	59	1	4
217−116	Rim	77	23	2
218−242	Switch−Brake	7	25	1
218−243	Fitting−Tee	7	12	1
218−446	Nut−Hex	14	9	1
218−447	Washer−Lock	14	8	1
218−498	Nut	13	18	2
218−498	Nut−Hex	14	7	10
218−533	Lens−Indicator Light (Red)	4	7	1
218−533	Lens−Red	14	26	1
218−535	Nut−Hex.	14	24	1
218−535	Nut−Hex.	4	24	3
218−536	Washer−Lock	4	23	3
218−536	Washer−Lock	14	25	1
218−562	Lens−Indicator Light	4	11	2
218−573	Fuse−5A	11	*	1
218−581	Fuse−15A	11	33	6
219−17	Bulb−Light	13	9	8
219−19	Bulb	11	38	1
2116−3	Joint−Ball LH	77	*	1
2116−4	Joint−Ball RH	77	35	1
231−140	Tire−(Optional)	32	*	2
232−27	Stem−Valve	77	29	2
233−17	Knob	4	3	1
233−42	Knob	19	3	3
233−48	Knob	18	3	1
233−66	Knob	14	10	1
237−21	O−Ring	32	3	2
237−21	O−Ring	21	6	2
237−21	O−Ring	30	29	4
237−21	O−Ring	78	52	4
237−21	O−Ring	28	58	3
237−22	O−Ring	24	5	3
237−22	O−Ring	83	7	1
237−22	O−Ring	80	8	9
237−22	O−Ring	94	10	2
237−22	O−Ring	19	14	9
237−22	O−Ring	87	19	14
237−22	O−Ring	21	21	7
237−22	O−Ring	23	21	2
237−22	O−Ring	37	25	1
237−22	O−Ring	27	32	7
237−22	O−Ring	4	37	4
237−22	O−Ring	77	45	6
237−22	O−Ring	41	64	1
237−30	O−Ring	27	8	3
237−30	O−Ring	24	13	2
237−30	O−Ring	37	17	2
237−30	O−Ring	21	22	2
237−37	Bumper−Rubber	74	34	4
237−42	O−Ring	32	1	2
237−42	O−Ring	80	6	4
237−42	O−Ring	75	7	1
237−42	O−Ring	83	9	1
237−42	O−Ring	94	12	2
237−42	O−Ring	37	23	1
237−42	O−Ring	19	24	5

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
237−42	O−Ring	21	27	6
237−42	O−Ring	88	42	4
237−58	O−Ring	83	3	2
237−58	O−Ring	24	7	1
237−58	O−Ring	32	7	7
237−58	O−Ring	75	10	8
237−58	O−Ring	27	14	4
237−58	O−Ring	37	21	3
237−65	O−Ring	24	3	2
237−65	O−Ring	94	7	4
237−65	O−Ring	27	18	6
237−65	O−Ring	87	20	4
237−65	O−Ring	33	49	2
237−78	O−Ring	21	4	2
237−78	O−Ring	21	8	3
237−78	O−Ring	27	13	5
237−78	O−Ring	75	33	1
237−78	O−Ring	75	41	2
237−78	O−Ring	77	43	4
237−79	O−Ring	19	12	2
237−79	O−Ring	23	23	1
237−79	O−Ring	21	24	2
237−79	O−Ring	75	32	4
237−79	O−Ring	4	39	4
237−80	O−Ring	24	1	1
237−80	O−Ring	23	19	3
237−80	O−Ring	41	68	1
237−81	O−Ring	23	1	1
237−81	O−Ring	83	5	2
237−81	O−Ring	94	5	4
237−81	O−Ring	32	9	4
237−81	O−Ring	37	15	1
237−81	O−Ring	75	19	8
237−101	O−Ring	24	24	2
237−116	O−Ring	25	9	1
237−146	O−Ring	32	5	4
237−146	O−Ring	75	14	1
237−146	O−Ring	37	19	3
237−154	O−Ring	73	10	1
237−155	O−Ring	24	20	1
237−156	O−Ring	21	13	8
237−156	O−Ring	75	30	30
237−157	O−Ring	23	16	1
237−158	O−Ring	32	21	4
237−164	Grommet	30	7	1
237−174	O−Ring	36	9	2
237−175	O−Ring	36	6	2
240−2	Grommet	30	6	2
240−3	Grommet	87	8	4
240−4	Grommet	27	6	6
240−4	Grommet	87	18	10
240−5	Grommet	27	28	2
240−6	Grommet	30	31	4
240−7	Grommet	30	32	1
240−7	Grommet	28	47	4
2410−10	Plug−Button	28	72	1
2410−73	Pin−Tether	23	35	1
2411−40	Joint−Ball	91	13	4
2412−3	Clamp−Hose	23	15	1
2412−7	Asm−Clamp	77	38	2
2412−34	Clamp−Hose	23	11	1
2412−39	Clamp	74	39	1
2412−41	Clamp	74	38	1
2412−41	Clamp−R	44	38	1
2412−42	Clamp−Hose	25	11	4
2412−42	Clamp−Hose	23	13	4
2412−42	Clamp−Hose	71	23	1
2412−73	Clamp−R	74	7	3
2412−89	Clamp−R	22	9	1
2412−92	Clamp−Hose	24	9	4
2412−92	Clamp−Hose	44	11	4
2412−104	Clamp−R	74	40	2
2412−108	Clamp−Hose	73	2	3
2412−108	Clamp−Hose	44	6	2
2412−108	Clamp−Hose	22	15	3
2412−108	Clamp−Hose	23	32	1
2412−110	Clamp−Hose	71	1	3
2412−129	Clamp−Hose	45	10	8
2412−129	Clamp−Hose	24	39	1
2412−133	Clamp	2	2	2
2412−138	Clamp−R	22	24	1
2412−147	Clamp−R	44	48	1
251−259	Bearing−Neutral Detent	37	41	1
251−340	Bearing−Ball	32	23	2
253−154	Seal−Wave	96	5	2
253−156	Seal−Oil	32	22	2
253−157	Ring−Cup	32	41	6
254−72	Cup−Bearing Outer	77	20	2
254−92	Cone−Bearing Outer	77	21	2
254−106	Cone−Bearing Inner	77	31	2
254−107	Cup−Bearing Inner	77	30	2
256−76	Bushing−Sleeve	91	15	4
256−156	Bushing−Flange	9	30	2
256−172	Bearing−Sleeve	90	15	8
256−188	Bushing−Sleeve	86	6	1
256−188	Bushing−Sleeve	83	22	1
256−247	Bushing−Flange	6	1	4
256−247	Bushing−Flange	28	46	2
256−273	Bushing−Flange	9	28	1
256−304	Washer−Thrust	91	6	8
256−304	Washer−Thrust	77	7	6
256−304	Washer−Thrust	80	28	2
256−304	Washer−Thrust	87	29	4
256−304	Washer−Thrust	92	40	4
282−2	Clevis−Brake Rod	7	18	1
282−28	Clevis−Adjustable	18	6	2
282−28	Clevis−Adjustable	45	49	1
283−1	Pin−Clevis	6	24	2
283−1	Pin−Clevis	7	24	1
283−2	Pin−Clevis	32	16	2
283−2	Pin−Clevis	36	24	2
283−15	Pin−Clevis	36	31	2
283−67	Pin−Clevis Arm End	18	5	1
283−70	Pin−Hitch	82	9	2
285−17	Plug−Pipe	41	76	2
302−2	Fitting −Grease	87	31	4
302−2	Fitting−Grease	80	2	4
302−2	Fitting−Grease	86	4	1
302−2	Fitting−Grease	91	4	4
302−2	Fitting−Grease	37	5	1
302−2	Fitting−Grease	92	13	2
302−2	Fitting−Grease	83	20	1
302−2	Fitting−Grease Str.	96	1	1
302−5	Fitting−Grease	79	1	2
302−5	Fitting−Grease	6	3	2
302−5	Fitting−Grease	81	13	3
302−5	Fitting−Grease	77	15	3
302−5	Fitting−Grease	89	15	2
302−5	Fitting−Grease	90	18	2
302−5	Fitting−Grease	91	22	2
302−5	Fitting−Grease	82	27	2
302−5	Fitting−Grease	83	33	4
302−5	Fitting−Grease	92	34	8
302−5	Fitting−Grease	80	40	2
302−5	Fitting−Grease	28	48	1
302−10	Fitting−Grease 45°	96	*	1
302−33	Fitting−Grease	77	36	2
302−39	Vent	32	25	2
302−40	Fitting−Grease	90	23	2
304−46	Valve−Drain	44	14	1
321−2	Screw−HH	6	10	1
321−2	Screw−HH	36	17	8
321−2	Screw−HH	23	26	1
321−3	Screw−HH	74	3	3
321−3	Screw−HH	9	6	4
321−3	Screw−HH	18	10	3
321−3	Screw−HH	11	14	4
321−4	Screw−HH	6	5	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
321−4	Screw−HH	45	35	2
321−4	Screw−HH	37	42	2
321−5	Screw−HH	23	10	10
321−6	Screw−HH	45	26	2
321−6	Screw−HH	36	37	8
321−9	Screw−HH	30	22	6
321−9	Screw−HH	28	43	2
321−9	Screw−HH	88	56	3
321−10	Screw−HH	19	1	2
321−10	Screw−HH	37	47	2
321−11	Screw−HH	28	65	2
321−15	Screw−HH	91	3	4
321−15	Screw−HH	30	18	2
322−3	Screw−HH	7	5	2
322−3	Screw−HH	70	6	6
322−3	Screw−HH	71	12	2
322−3	Screw−HH	91	27	4
322−5	Screw−HH	74	27	1
322−5	Screw−HH	44	39	1
322−6	Screw−HH	44	40	4
322−6	Screw−HH	86	48	1
322−6	Screw−HH	84	67	1
322−11	Screw−HH	87	1	1
322−11	Screw−HH	74	30	1
322−12	Screw−HH	30	9	2
322−12	Screw−HH	24	44	3
322−17	Screw−HH	37	39	1
322−21	Screw−HH	30	23	3
322−38	Screw−HH	30	42	2
323−4	Screw−HH	70	2	4
323−4	Screw−HH	11	4	4
323−4	Screw−HH	6	21	4
323−4	Screw−HH	74	21	4
323−4	Screw−HH	43	25	2
323−4	Screw−HH	24	28	3
323−5	Screw−HH	70	30	4
323−6	Screw−HH	77	3	2
323−6	Screw−HH	85	6	3
323−6	Screw−HH	2	9	2
323−6	Screw−HH	71	10	2
323−6	Screw−HH	87	12	4
323−6	Screw−HH	45	15	4
323−6	Screw−HH	70	15	2
323−6	Screw−HH	25	18	4
323−6	Screw−HH	32	18	14
323−6	Screw−HH	86	19	3
323−6	Screw−HH	43	23	4
323−6	Screw−HH	9	31	1
323−6	Screw−HH	74	32	4
323−7	Screw−HH	25	4	8
323−7	Screw−HH	45	5	8
323−7	Screw−HH	7	7	3
323−7	Screw−HH	4	16	4
323−7	Screw−HH	70	17	6
323−7	Screw−HH	85	31	3
323−7	Screw−HH	86	39	3
323−7	Screw−HH	44	41	4
323−7	Screw−HH	37	51	2
323−9	Screw−HH	1	13	2
323−9	Screw−HH	74	13	2
323−10	Screw−HH	23	5	4
323−10	Screw−HH	45	28	8
323−15	Screw−HH	82	17	16
323−15	Screw−HH	92	23	32
323−15	Screw−HH	88	44	2
323−21	Screw−HH	22	6	1
323−34	Screw−HH	44	8	7
323−38	Screw−HH	45	44	4
325−5	Screw−HH	4	30	3
325−6	Screw−HH	25	20	4
325−6	Screw−HH	45	20	8
325−6	Screw−HH	80	22	12
325−6	Screw−HH	44	43	4
325−6	Screw−HH	77	46	12
325−7	Screw−HH	37	12	2
325−7	Screw−HH	83	16	1
325−7	Screw−HH	33	46	4
325−8	Screw−HH	86	8	1
325−8	Screw−HH	83	24	1
325−9	Screw−HH	45	45	4
325−15	Screw−HH	82	6	4
325−20	Screw−HH	92	3	8
327−17	Screw HH	92	26	8
327−22	Screw−HH	32	27	16
327−24	Screw HH	82	15	2
327−25	Screw−HH	82	20	2
327−80	O−Ring	38	53	2
328−5	Screw−HH	80	21	2
328−8	Screw−HH	87	36	4
328−8	Screw−HH	87	37	2
328−11	Screw−HH	42	26	2
328−24	Screw−HH	88	58	4
328−26	Screw−HH	87	28	12
3210−7	Screw−HH	37	40	1
3213−2	Screw−HH	25	22	4
3213−2	Screw−HH	45	22	4
3217−6	Nut−Hex.	45	19	4
3217−7	Nut−Hex.	37	34	1
3217−7	Nut−Lock	9	1	1
3217−9	Nut−Hex.	37	14	2
3217−9	Nut−Hex.	80	26	16
3217−9	Nut−Jam	83	37	2
3217−26	Nut−Lock	9	7	1
3219−2	Nut−Hex.	37	29	1
3219−5	Nut−Hex.	32	31	18
3219−7	Nut−Lock	91	19	4
3219−10	Nut−Jam	75	24	3
3219−14	Nut−Hex.	18	7	2
3219−14	Nut−Hex.	24	17	1
3220−2	Nut−Jam	7	17	1
3220−3	Nut−Jam	9	21	2
3220−4	Nut	28	53	1
3220−4	Nut−Bulkhead	29	12	8
3220−5	Nut−Jam	9	19	1
3220−7	Nut−Jam	91	12	4
3220−7	Nut−Jam	77	28	2
3220−22	Nut−Jam	90	4	4
3220−24	Nut−Hex.	11	39	1
3229−8	Bolt−CARR	11	35	3
3230−22	Bolt−CARR	2	20	1
3231−6	Bolt−CARR	70	25	1
3231−22	Bolt−CARR	96	7	6
3231−25	Bolt−CARR	86	9	2
3231−25	Bolt−CARR	85	20	2
3231−28	Bolt−CARR	83	12	2
3231−28	Bolt−CARR	94	27	4
3231−30	Bolt−CARR	37	33	1
3233−9	Bolt−CARR	85	9	3
3233−9	Bolt−CARR	92	22	12
3233−9	Bolt−CARR	86	30	3
3233−27	Bolt−CARR	83	42	1
3233−28	Bolt−CARR	92	12	6
3233−29	Bolt−CARR	92	11	2
3233−30	Bolt−CARR	94	22	6
3233−30	Bolt−CARR	84	59	1
3234−5	Screw−HH	1	5	4
3234−7	Screw−HWH	11	2	11
3234−12	Screw−HFH	77	10	2
3234−12	Screw−HFH	84	53	4
3234−12	Screw−HWH	94	2	8
3234−13	Screw−HFH	37	36	4
3234−13	Screw−HWH	22	8	1
3234−13	Screw−HWH	7	19	2
3234−14	Screw−HFH	10	1	4
3234−14	Screw−HFH	30	2	6
3234−14	Screw−HFH	19	8	6
3234−14	Screw−HFH	27	25	4
3234−14	Screw−HH	43	11	6

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TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
3234−14	Screw−HH	9	12	1
3234−14	Screw−HH	1	14	6
3234−14	Screw−HH	6	18	3
3234−14	Screw−HH	11	25	2
3234−14	Screw−HWH	4	25	8
3234−17	Screw−HFH	74	6	4
3234−28	Screw−HFH	27	10	2
3245−31	Screw−Set	9	8	1
3245−32	Screw−Set	9	26	1
3249−11	Screw−Machine	6	26	2
3253−2	Washer−Lock	24	16	1
3253−2	Washer−Lock	44	21	16
3253−3	Washer−Lock	23	9	10
3253−3	Washer−Lock	11	15	4
3253−3	Washer−Lock	36	16	8
3253−3	Washer−Lock	45	31	2
3253−3	Washer−Lock	37	46	2
3253−4	Washer−Lock	70	8	7
3253−4	Washer−Lock	71	14	2
3253−4	Washer−Lock	45	18	4
3253−6	Washer−Lock	71	5	5
3253−6	Washer−Lock	37	9	6
3253−6	Washer−Lock	45	24	20
3253−7	Washer−Lock	37	13	2
3253−7	Washer−Lock	25	21	8
3253−7	Washer−Lock	45	21	12
3253−7	Washer−Lock	80	25	16
3253−7	Washer−Lock	32	30	22
3253−7	Washer−Lock	45	37	6
3253−8	Washer−Lock	96	14	1
3253−8	Washer−Lock	32	26	16
3253−9	Washer−Lock	91	20	4
3253−15	Washer−Lock	22	20	5
3253−15	Washer−Lock	14	21	A/R
3253−21	Washer−Lock	70	1	14
3253−21	Washer−Lock	9	2	2
3253−21	Washer−Lock	22	5	1
3253−21	Washer−Lock	25	5	8
3253−21	Washer−Lock	23	6	4
3253−21	Washer−Lock	45	6	8
3253−21	Washer−Lock	2	10	2
3253−21	Washer−Lock	74	14	2
3253−21	Washer−Lock	32	17	14
3253−21	Washer−Lock	4	17	4
3253−21	Washer−Lock	11	19	4
3253−21	Washer−Lock	36	19	8
3253−21	Washer−Lock	43	22	6
3253−21	Washer−Lock	24	29	3
3253−21	Washer−Lock	37	32	3
3253−21	Washer−Lock	44	35	12
3254−2	Washer	91	26	4
3254−2	Washer−Lock	74	25	1
3254−6	Washer−Lock	19	25	1
3254−6	Washer−Lock, Int. Tooth	11	40	1
3256−5	Washer−Flat	22	7	2
3256−6	Washer−Flat	9	17	1
3256−22	Washer−Flat	14	2	8
3256−22	Washer−Flat	30	11	2
3256−22	Washer−Flat	11	12	4
3256−22	Washer−Flat	91	35	4
3256−22	Washer−Flat	4	44	1
3256−23	Washer	13	2	4
3256−23	Washer−Flat	71	15	4
3256−23	Washer−Flat	2	16	4
3256−23	Washer−Flat	45	17	4
3256−23	Washer−Flat	30	24	1
3256−23	Washer−Flat	94	31	4
3256−23	Washer−Flat	85	35	2
3256−23	Washer−Flat	30	43	4
3256−23	Washer−Flat	86	45	2
3256−23	Washer−Flat	28	68	2
3256−24	Washer−Flat	71	4	3
3256−24	Washer−Flat	1	8	2
3256−24	Washer−Flat	74	15	2
3256−24	Washer−Flat	96	16	A/R
3256−24	Washer−Flat	43	24	6
3256−24	Washer−Flat	36	27	4
3256−26	Washer−Flat	18	13	1
3256−26	Washer−Flat	4	29	3
3256−26	Washer−Flat	32	45	4
3256−56	Washer−Flat	30	21	8
3256−56	Washer−Flat	87	40	3
3256−56	Washer−Flat	44	47	2
3256−56	Washer−Flat	28	67	2
3256−69	Washer	85	26	2
3256−69	Washer	86	35	2
3269−6	Washer−Backup	42	33	22
3269−15	Rivet−Pop	42	32	22
3269−25	Rivet−Pop	29	1	4
3269−25	Rivet−Pop	85	1	4
3269−25	Rivet−Pop	86	1	4
3269−25	Rivet−Pop	94	17	16
3269−25	Rivet−Pop	83	29	8
3272−1	Pin−Cotter	19	4	6
3272−1	Pin−Cotter	18	9	3
3272−1	Pin−Cotter	45	52	1
3272−5	Pin−Cotter	6	6	1
3272−5	Pin−Cotter	4	43	1
3272−6	Pin−Cotter	74	4	1
3272−6	Pin−Cotter	6	9	2
3272−6	Pin−Cotter	19	10	2
3272−6	Pin−Cotter	32	14	2
3272−6	Pin−Cotter	36	22	2
3272−7	Pin−Cotter	9	23	2
3272−7	Pin−Cotter	83	45	1
3272−10	Pin−Cotter	7	16	1
3272−10	Pin−Cotter	9	18	1
3272−10	Pin−Cotter	36	26	2
3272−12	Pin−Cotter	90	2	4
3272−12	Pin−Cotter	7	6	1
3272−12	Pin−Cotter	77	34	6
3272−12	Pin−Cotter	80	35	2
3272−13	Pin−Cotter	77	26	2
3272−23	Pin−Cotter	80	18	4
3272−33	Pin−Cotter	87	24	2
3274−7	Screw−HSH	36	18	8
3274−20	Screw−HSH	37	11	2
3274−86	Screw−HSH	27	15	1
3290−133	Screw−Round Hd.	13	1	4
3290−133	Screw−Round Hd.	14	3	8
3290−133	Screw−Round Hd.	11	11	4
3290−134	Screw−HH	43	13	4
3290−216	Washer−Bevel	77	9	12
3290−216	Washer−Bevel	44	25	4
3290−274	Rivet−Pop	44	46	4
3290−307	Pin−Cotter, Hair	6	25	2
3290−321	Screw−HH	43	5	12
3290−321	Screw−HH	74	20	4
3290−321	Screw−HH	44	22	16
3290−321	Screw−HWH	42	14	20
3290−343	Pin−Cotter Hair	82	11	2
3290−378	Tie−Cable	11	*	25
3290−378	Tie−Cable	6	*	3
3290−378	Tie−Cable	84	*	2
3290−378	Tie−Cable	88	*	3
3290−378	Tie−Cable	94	*	24
3290−378	Tie−Cable	11	18	2
3290−378	Tie−Cable	4	36	5
3290−378	Tie−Cable	80	41	1
3290−384	Pin−Lynch	82	1	2
3290−384	Pin−Lynch	92	2	8
3290−392	Screw−HH	14	17	1
3290−495	Pin−Lynch	27	2	2
3296−2	Nut−Lock	85	2	6
3296−2	Nut−Lock	43	7	12
3296−2	Nut−Lock	86	10	6
3296−2	Nut−Lock	42	12	20
3296−2	Nut−Lock	13	15	2

*Not Illustrated

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Part No.	Description	Pg. No.	Ref. No.	Qty.
3296−2	Nut−Lock	94	19	16
3296−2	Nut−Lock	11	21	6
3296−2	Nut−Lock	74	24	4
3296−2	Nut−Lock	83	34	8
3296−3	Nut−Lock	36	29	2
3296−9	Nut−Lock	6	14	2
3296−23	Nut−Lock	18	14	1
3296−29	Nut−Lock	1	4	4
3296−29	Nut−Lock	2	17	4
3296−29	Nut−Lock	94	30	4
3296−29	Nut−Lock	85	34	2
3296−29	Nut−Lock	86	44	2
3296−39	Nut−Lock	70	18	2
3296−39	Nut−Lock	22	19	1
3296−41	Nut−Lock	90	8	2
3296−42	Nut−Lock	18	1	3
3296−42	Nut−Lock	14	4	4
3296−49	Nut−Lock	96	2	1
3296−49	Nut−Lock	4	20	1
3296−53	Nut−Lock	82	16	4
3296−53	Nut−Lock	92	31	8
3296−59	Nut−Lock	36	35	2
3296−68	Nut Lock	87	35	2
3296−68	Nut−Lock	80	1	2
3296−68	Nut−Lock	77	11	1
3296−68	Nut−Lock	92	14	2
32103−3	Nut−Wing	44	33	2
32104−16	Screw−Tapping	13	7	4
32104−31	Screw−HH (Europe)	85	33	3
32104−31	Screw−HH (Europe)	86	43	3
32104−31	Screw−HH (Europe)	93	49	20
32104−31	Screw−HW (Europe)	84	64	10
32105−1	Screw−HH	13	17	2
32105−1	Screw−Machine	85	11	4
32105−1	Screw−Machine	86	16	4
32105−1	Screw−Machine	83	27	8
32105−1	Screw−PH	94	21	16
32105−12	Screw−HSH	11	7	2
32105−13	Screw−HH	11	8	4
32108−103	Screw−Flat Hd.	83	18	4
32108−103	Screw−Machine Flat Hd.	91	9	4
32108−103	Screw−Machine Flat Hd.	87	25	4
32108−103	Screw−Machine Flat Hd.	28	40	4
32120−11	Ring−Retaining, Internal	70	10	2
32120−22	Ring−Retaining Internal	32	24	2
32120−47	Ring−Retaining	90	14	16
32120−47	Ring−Retaining	80	31	2
32120−72	Ring−Retaining	86	5	1
32120−72	Ring−Retaining	83	21	1
32120−84	Ring−Retaining External	32	33	2
32121−4	Pin−Roll	2	18	1
32121−4	Pin−Roll	85	28	2
32121−4	Pin−Roll	86	37	2
32121−6	Pin−Roll	85	18	2
32121−6	Pin−Roll	86	21	2
32121−34	Pin−Roll	91	17	2
32121−34	Pin−Roll	79	18	1
32121−49	Pin−Roll	90	17	2
32121−110	Pin Roll	91	24	4
32121−110	Pin−Roll	77	4	1
32121−110	Pin−Roll	92	17	2
32121−110	Pin−Roll	80	23	2
32121−110	Pin−Roll	87	27	2
32122−24	Screw−HH	22	3	5
32122−28	Screw−Truss Hd.	85	5	2
32122−28	Screw−Truss Hd.	86	14	2
32127−11	Nut−Flexlok	7	27	2
32127−11	Nut−Flexlok	37	37	2
32128−16	Nut−HHF	82	28	8
32128−16	Nut−HHF	93	47	32
32128−19	Nut−HHF	1	12	2
32128−20	Nut−HHF	9	13	1
32128−20	Nut−HHF	6	17	3
32128−20	Nut−HHF	44	19	5
32128 −20	Nut−HHF	83	19	4
32128−20	Nut−HHF	4	22	2
32128−20	Nut−HHF	11	27	2
32128−21	Nut−HFH	45	33	8
32128−21	Nut−HHF	37	2	2
32128−21	Nut−HHF	94	4	12
32128−21	Nut−HHF	7	8	3
32128−21	Nut−HHF	96	9	6
32128−21	Nut−HHF	83	10	6
32128−21	Nut−HHF	85	10	6
32128−21	Nut−HHF	86	22	6
32128−21	Nut−HHF	71	25	2
32128−21	Nut−HHF	70	26	1
32128−23	Nut−Flange Lock	85	8	3
32128−23	Nut−Flange Lock	83	35	4
32128−23	Nut−HHF	82	3	4
32128−23	Nut−HHF	92	7	20
32128−23	Nut−HHF	94	25	6
32128−23	Nut−HHF	86	26	4
32128−23	Nut−HHF	4	34	3
32128−23	Nut−HHF	45	39	4
32128−23	Nut−Lock	77	8	12
32128−25	Nut−HHF	70	3	6
32128−25	Nut−HHF	71	18	2
32128−25	Nut−HHF	36	20	2
32128−25	Nut−Lock	25	19	4
32128−32	Nut−HHF	91	1	4
32128−43	Nut−HHF	82	19	16
32128−43	Nut−HHF	92	25	32
32128−45	Nut−HHF	92	8	8
32136−2	Nut−Castle	90	1	4
32136−2	Nut−Castle	77	41	2
32136−2	Nut−Slotted	80	36	2
32136−13	Nut−Castle	77	33	4
32144−1	Screw−HH	7	26	2
32144−1	Screw−HH	37	30	2
32144−11	Screw−HFH	42	21	8
32144−11	Screw−Thread Forming	88	60	4
32144−19	Screw−Round Hd.	13	24	4
32144−64	Screw−HWH	4	13	4
32144−69	Screw−HWH	44	54	6
32149−1	Nut−Keps	86	47	1
32149−1	Nut−Keps	84	66	1
32149−2	Nut−Keps	9	4	4
32149−2	Nut−Keps	19	7	2
32149−2	Nut−Keps	74	8	3
32149−2	Nut−Keps	43	16	16
32149−2	Nut−Keps	7	20	2
32149−2	Nut−Keps	11	36	3
32149−2	Nut−Keps	28	55	2
32149−2	Nut−Lock	45	29	10
32149−7	Nut	43	30	4
32149−7	Nut−Keps	11	23	3
32151−1	Nut−Lock	30	37	4
32151−10	Ring−Retaining	77	14	2
32151−10	Ring−Retaining	91	21	2
32151−48	Ring−Retaining	82	8	4
32151−100	Ring−Retaining	36	2	2
32152−1	Nut	43	31	2
32152−1	Nut−Lock	7	2	2
32152−1	Nut−Lock	87	3	5
32152−1	Nut−Lock	91	7	4
32152−1	Nut−Lock	6	12	4
32152−1	Nut−Lock	30	13	8
32152−1	Nut−Lock	74	26	3
32152−1	Nut−Lock	27	36	1
32152−1	Nut−Lock	24	41	3
32152−1	Nut−Lock	28	42	4
32152−1	Nut−Lock	44	57	2
32152−2	Nut−Lock	87	5	6
32152−2	Nut−Lock	45	14	4
32152−2	Nut−Lock	25	16	4
32152−2	Nut−Lock	74	22	4
32152−2	Nut−Lock	44	27	7

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Part No.	Description	Pg. No.	Ref. No.	Qty.
32152−2	Nut−Lock	78	47	2
32152−4	Nut Lock	87	23	3
32152−4	Nut−Lock	30	12	6
32152−4	Nut−Lock	6	15	2
32152−4	Nut−Lock	37	27	2
32152−4	Nut−Lock	28	45	2
32153−3	Nut−Lock	37	44	1
32153−5	Nut−Lock	44	26	4
32153−6	Nut Lock	42	24	2
32153−6	Nut−Lock	87	4	22
32153−6	Nut−Lock	80	20	2
33004−00	Nut−HWH	2	23	2
33013−00	Nut	70	34	2
33015−00	Nut	2	22	2
33016−00	Nut−Hex.	95	1	4
33093−00	Washer−Flat	70	36	3
33096−00	Washer−Flat	95	2	4
33103−016	Screw	70	38	1
33103−050	Screw	70	41	2
33104−020	Screw−HHF	70	13	2
33104−025	Screw−HHF	2	21	2
33113−016	Screw−HH	45	32	2
33114−020	Screw−HH	71	16	4
33114−045	Screw−HH	70	19	4
33114−060	Screw−HH	70	21	2
33114−070	Screw−HH	70	7	1
33115−025	Screw−HH	71	11	2
33115−025	Screw−HH	45	25	8
33115−030	Screw−HH	45	23	12
33116−030	Screw−HH	45	46	3
33116−050	Screw−HH	45	36	3
340−2	Fitting−Hydraulic Straight	19	23	3
340−2	Fitting−Hydraulic Straight	21	26	5
340−2	Fitting−Hydraulic Straight	94	11	2
340−3	Fitting−Hydraulic Straight	19	13	2
340−3	Fitting−Hydraulic Straight	23	22	1
340−4	Fitting−Hydraulic Straight	21	23	2
340−8	Fitting−Hydraulic Straight	94	6	4
340−9	Fitting−Hydraulic St. LH	32	10	1
340−9	Fitting−Hydraulic Straight	75	18	5
340−15	Fitting−Hydraulic Elbow	37	20	3
340−22	Fitting−Hydraulic Tee	24	2	1
340−57	Fitting−Hydraulic Straight	80	45	2
340−65	O−Ring	75	12	2
340−65	O−Ring	24	22	1
340−65	O−Ring	44	28	3
340−68	Fitting−Hydraulic Bulk. Tee	80	14	1
340−68	Fitting−Hydraulic Bulkhead	77	2	2
340−70	Nut−Bulkhead	27	4	6
340−70	Nut−Bulkhead	80	13	1
340−70	Nut−Bulkhead	87	15	10
340−70	Nut−Bulkhead	78	48	2
340−71	Fitting−Hydraulic Bulkhead	27	7	1
340−74	Nut−Bulkhead	87	11	4
340−77	Fitting−Hydraulic Elbow	80	19	4
340−77	Fitting−Hydraulic Elbow	87	41	4
340−78	Nut−Bulkhead	30	34	4
340−79	Fitting−Hydraulic 90°	24	23	1
340−82	Fitting−Hydraulic Elbow	32	4	2
340−86	Fitting−Hydraulic Tee	19	15	2
340−91	Fitting−Hydraulic Straight	32	6	2
340−92	Fitting−Hydraulic	28	56	1
340−92	Fitting−Hydraulic Straight	21	7	2
340−94	Tee−Hydraulic	21	35	1
340−105	Fitting−Hydraulic Elbow	38	55	1
340−125	Fitting−Hydraulic	28	59	1
340−126	Nut−Bulkhead	27	3	2
340−127	Nut−Bulkhead	27	29	2
340−128	Nut−Bulkhead	30	3	2
340−129	Fitting−Hydraulic Elbow	75	13	1
340−130	Fitting−Hydraulic 90°	23	18	1
340−130	Fitting−Hydraulic Elbow	38	54	1
340−131	Fitting−Hydraulic Elbow	37	16	1
340−132	Fitting−Hydraulic Elbow	77	44	4
340−133	Fitting−Hydraulic Straight	4	32	3
340−134	Fitting−Hydraulic Elbow	37	48	1
340−135	O−Ring	25	7	2
340−136	O−Ring	24	37	1
340−142	Fitting−Hydraulic Elbow	75	15	1
340−142	Fitting−Hydraulic Elbow	32	43	2
340−148	Fitting−Hydraulic Tee RH	32	*	1
340−150	Cap−Hydraulic	24	38	1
351−78	Edging	1	3	1
353−375	Fitting−Hydraulic 90°	27	12	2
353−431	Fitting−Hydraulic 45°	75	42	2
353−536	Fitting−Fuel 90° Elbow	22	16	2
353−566	Tee−Hydraulic	21	16	1
353−781	Fitting−Fuel Elbow	73	3	2
353−947	Cap−Fitting	29	2	8
353−988	Plug	75	39	4
353−989	Plug	75	6	1
353−990	Plug	75	34	1
353−990	Plug−Hose	21	3	2
353−991	Plug	75	31	30
353−991	Plug−Hole	21	12	8
353−992	Flange−Fitting	25	6	4
353−992	Flange−Split	45	7	4
353−994	Adapter	7	10	1
353−997	Fitting−Hydraulic Bulkhead	29	3	8
354−42	Flange−Half	25	10	2
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MAINTENANCE RECORD

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