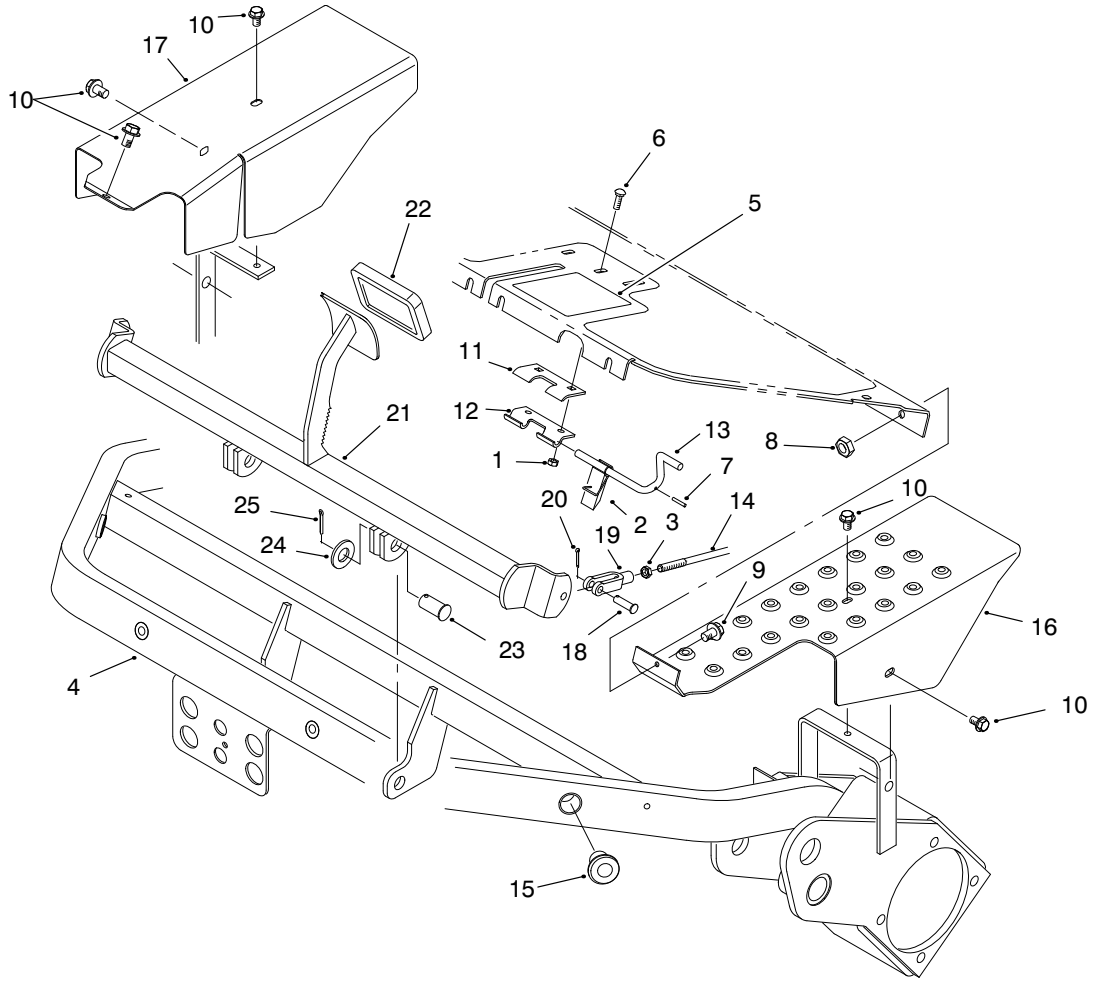
FORM NO. 3319–748

TORO®

MODEL NO. 04380–90001 & UP

PARTS CATALOG

GREENSMASTER® 3200
TRACTION UNIT



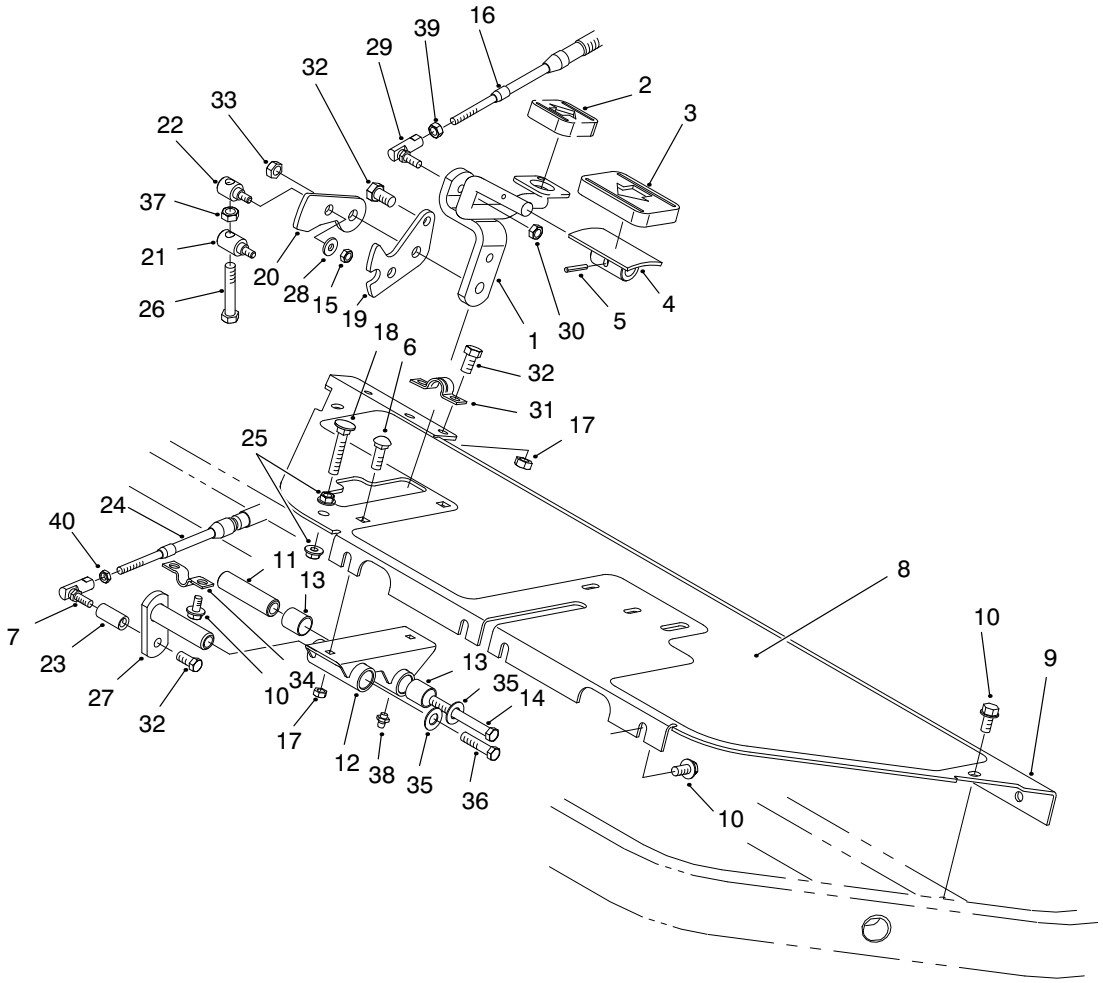
T–2222–3

FRAME & BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	33023–00	Nut–Lock	2
2	93–2276	Spring–Brake Latch	1
3	3220–2	Nut–Jam	2
4	93–2010	Frame	1
5	93–8062	Decal–Parking Brake	1
6	33123–016	Screw–Carriage	2
7	32121–50	Pin–Roll	1
8	33024–00	Nut–Lock	1
9	33114–020	Screw–HH	1
10	32144–14	Screw–HH	5
11	95–1628	Hinge–Upper	1
12	95–1629	Hinge–Lower	1
13	94–9600	Brake Latch	1

Ref. No.	Part No.	Description	No. Used
14	93–2069	Rod–Brake	2
15	83–1700	Bushing–Flange	3
16	93–2073	Shield–Wheel LH	1
17	93–2072	Shield–Wheel RH	1
18	283–61	Pin–Clevis	2
19	282–2	Clevis	2
20	3272–6	Pin–Cotter	2
21	93–2075	Brake Pedal	1
22	93–7629	Pad–Foot Brake	1
23	283–87	Pin–Clevis	2
24	3256–27	Washer–Flat	2
25	3272–11	Pin–Cotter	2

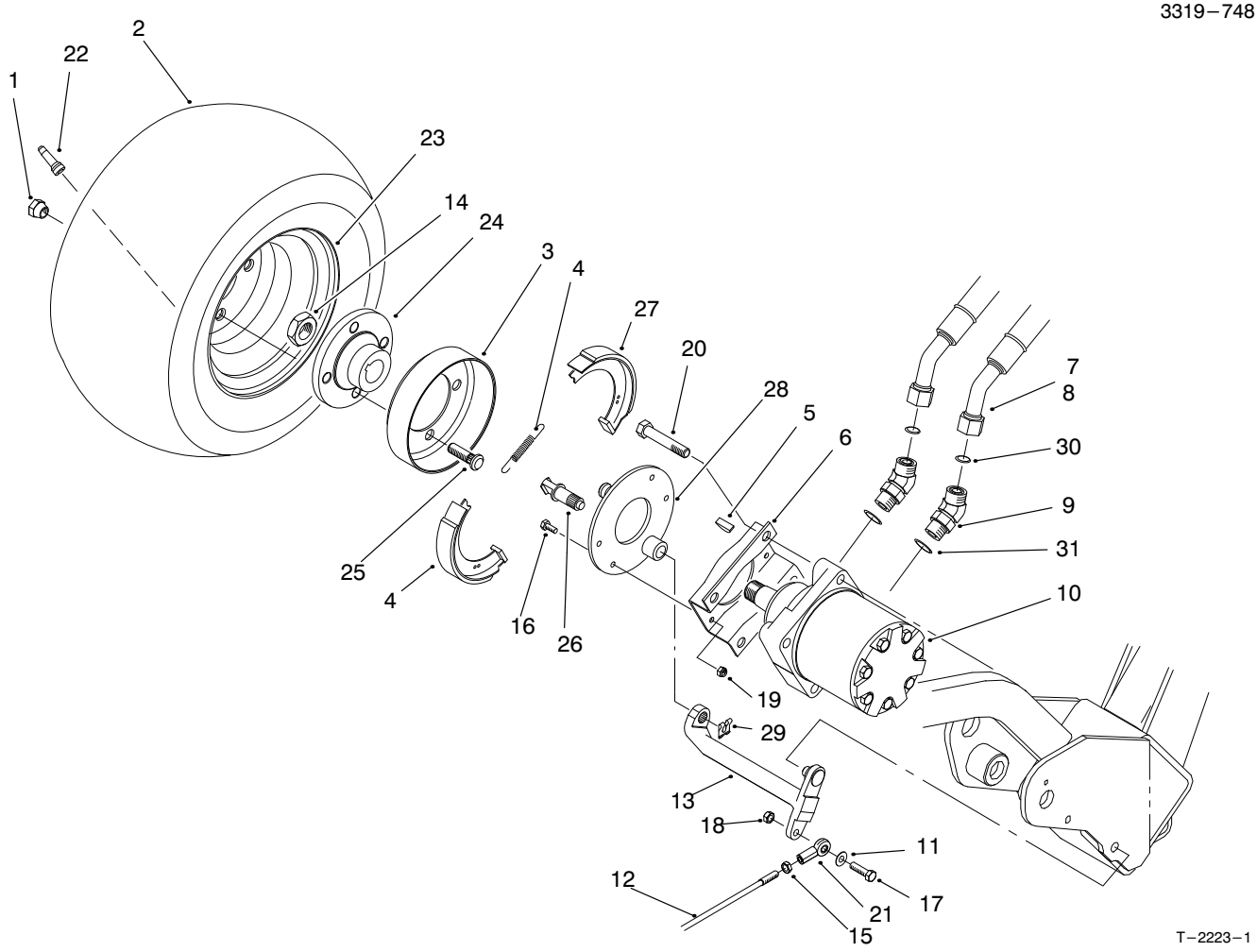
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FLOOR PANEL & TRACTION PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−2085	Rod	1
2	74−9110	Pad−Pedal Reverse	1
3	74−9100	Pad−Pedal Forward	1
4	49−6440	Pedal−Accelerator	1
5	32121−45	Roll Pin	1
6	33124−020	Screw−Carr.	2
7	2411−38	Asm−Ball Joint	1
8	93−2142	Pad−Floor Plate	1
9	94−6399	Plate−Floor	1
10	32144−14	Screw−HH	8
11	94−1371	Spacer	1
12	94−1383	Pedal Pivot	1
13	256−311	Bushing−Straight	4
14	33115−090	Screw−HH	1
15	33023−00	Nut−Lock	2
16	93−2099	Cable−Traction Control	1
17	33024−00	Nut−Lock	4
18	17−9420	Screw−Handle	1
19	94−1373	Bracket−Lock	1
20	94−1372	Bracket−Mow	1

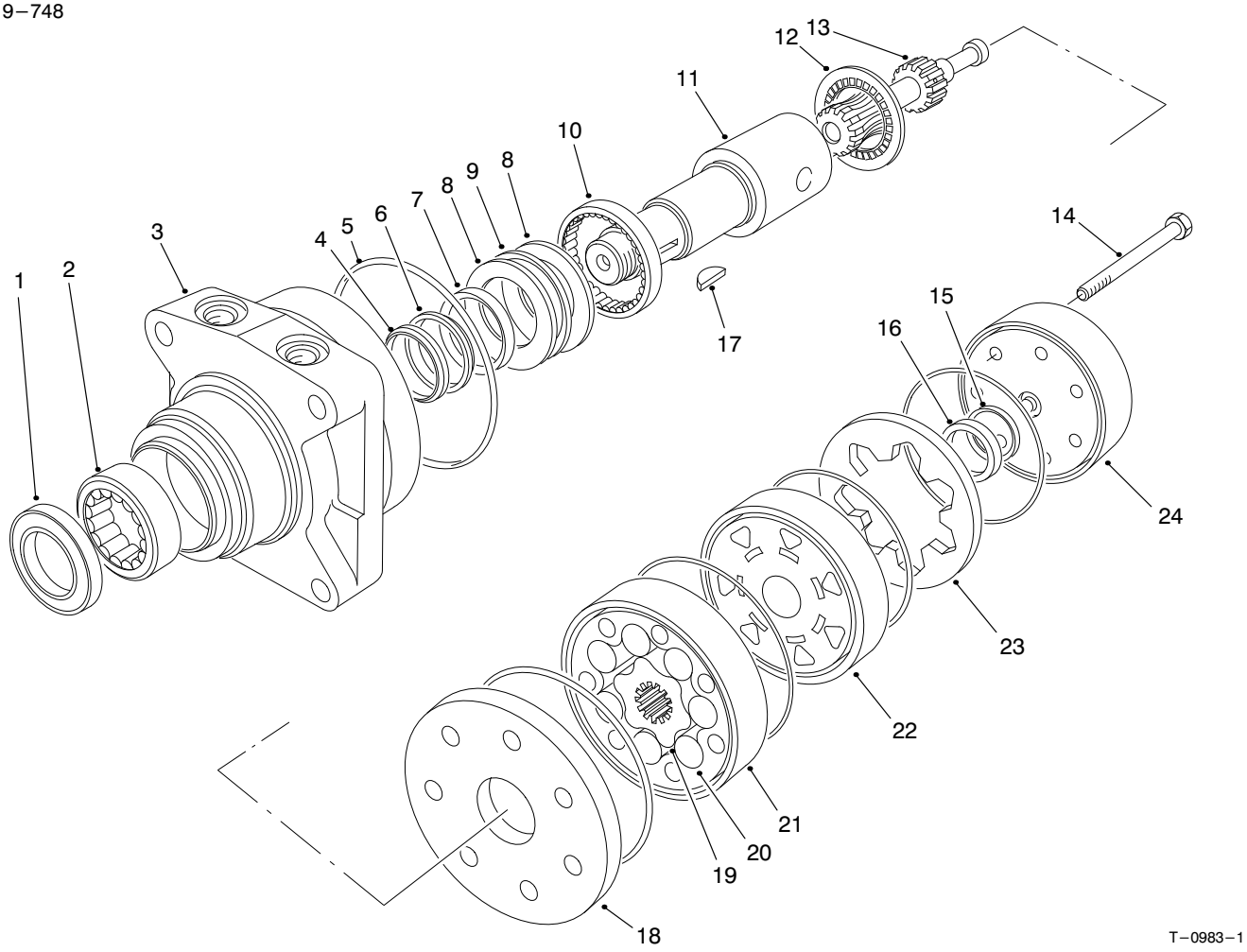
Ref. No.	Part No.	Description	No. Used
21	94−1375	Trunnion Lock Bracket	1
22	94−1374	Trunnion Mow Bracket	1
23	94−1386	Shaft−Pedal Lock	1
24	94−1304	Cable−Neutral Lock	1
25	32128−20	Nut−Lock	2
26	94−3489	Screw−HH	1
27	94−1300	Neutral Lock	1
28	3256−1	Washer−Flat	2
29	2411−34	Ball Joint	1
30	3296−13	Nut−Lock	1
31	93−2092	Clamp−Cable	1
32	33114−016	Screw−HH	4
33	33025−00	Nut−Lock	1
34	93−2279	Clamp−Cable	1
35	3256−24	Washer−Flat	2
36	33115−016	Screw−HH	1
37	33014−00	Nut−Hex	1
38	302−5	Fitting−Grease	1
39	3220−1	Nut−Jam	1
40	3219−14	Nut−Hex.	1



FRONT WHEEL & BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	242−50	Nut−Lug	8
2	28−3680	Tire	2
3	10−6850	Drum−Brake	2
4	70−9880	Spring−Return	4
5	3257−42	Key−Woodruff	2
6	84−2000	Bracket−Brake	2
7	94−5357	Asm−Hose RH	2
8	94−5358	Asm−Hose LH	2
9	340−14	Fitting−45˚ (Incl. Ref. #30−31)	4
10	92−9199	Hydraulic Motor−Wheel	2
11	3256−23	Washer−Flat	2
12	93−2069	Rod−Brake	2
13	93−2096	Lever−Brake	2
14	26−3790	Nut−Lock	2
15	3220−20	Nut−Jam	2
16	33113−020	Screw−HH	8
17	33114−030	Screw−HH	2
18	33024−00	Nut−Lock	2
19	33023−00	Nut−Lock	8
20	33116−060	Screw−HH	8
21	93−2070	Clevis−Swivel	2
22	232−24	Stem−Valve	2
23	217−60	Rim	2
24	10−6870	Hub−Wheel	2
25	85−6540	Stud−Drive	8
26	70−9860	Cam−Brake	2
27	70−9840	Shoe−Brake	4
28	70−9870	Plate−Backing	2
29	70−9850	Clip−Retaining	2
30	237−65	O−Ring	4
31	237−80	O−Ring	4
*	10−6821	Asm−Brake Drum (Incl. Ref. #3 & 24−25)	2
*	71−1500	Asm−Brake (Incl. Ref. #4 & 26−29)	2

* Not Illustrated

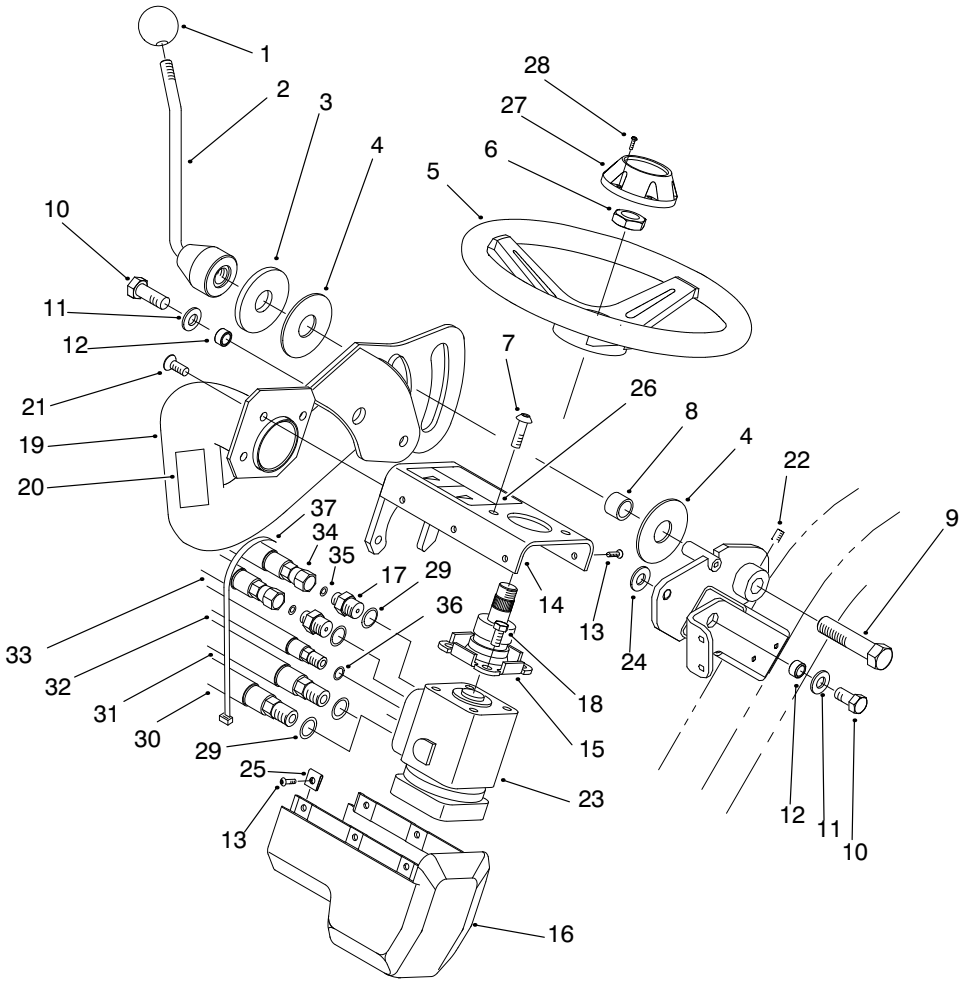


HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 92−9199

Ref. No.	Part No.	Description	No. Used
†1		Seal−Dirt & Water	1
†2		Bearing	1
†3		Housing	1
†4		Washer−Back−Up	1
†5		Ring−Seal	5
†6		Washer−Back−Up	1
†7		Seal−Inner	1
†8		Washer−Thrust	2
†9		Bearing−Thrust	1
†10		Bearing	1
11	76−0860	Shaft−Coupling	1
12	76−0850	Bearing−Thrust	1
13	92−9761	Link−Drive	7
14	92−9762	Screw−HH	1
†15		Seal−Commutator	1
†16		Commutator	1

Ref. No.	Part No.	Description	No. Used
17	3257−42	Key−Woodruff	1
18	76−0870	Plate−Wear	1
†19		Rotor	1
†20		Vane	7
†21		Stator	1
22	76−0840	Manifold	1
†23		Ring−Commutator	1
24	76−0940	Asm−End Cover	1
*	92−9763	Rotor Set (Incl. Ref. #19−21)	1
*	76−0880	Asm−Commutator (Incl. Ref. #15, 16 & 23)	1
*	94−8178	Seal Kit (Incl. Ref. #1, 4−7 & 15)	1
*	76−0810	Asm−Housing (Incl. Ref. #2, 3 & 8−10)	1

* Not Illustrated
† Not Serviced Separately



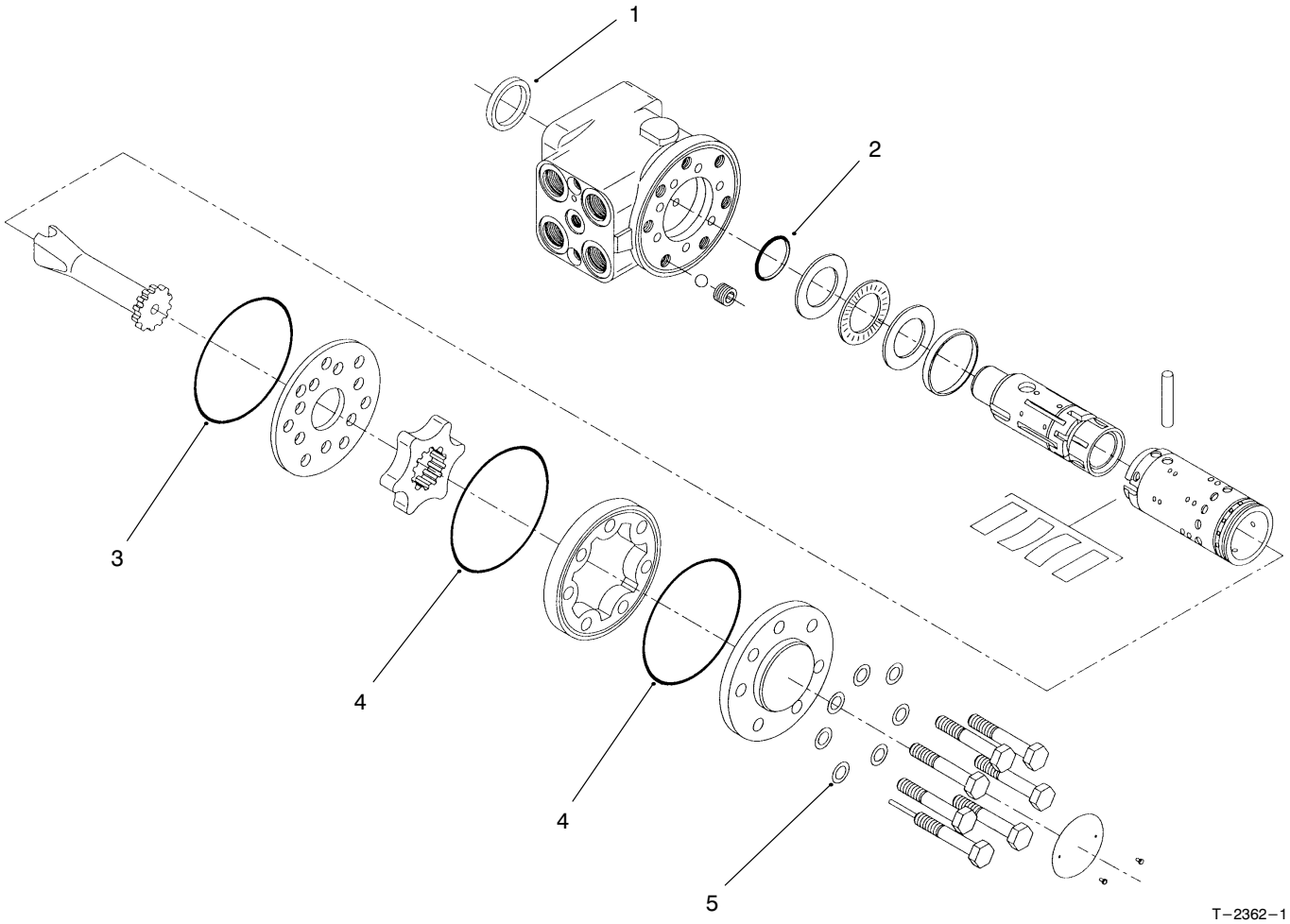
T−2224−2

STEERING ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	233−48	Knob	1
2	93−2400	Lockup Handle	1
3	83−0760	Spacer−Lockup	1
4	83−0740	Disc−Friction	2
5	68−5130	Wheel−Steering (Incl. Ref. #27−28)	1
6	47−6990	Nut−Steering Wheel	1
7	3274−63	Screw−HSBH	2
8	83−0730	Spacer−Lockup	1
9	93−2199	Screw−HH	1
10	325−4	Screw−HH	2
11	3256−26	Washer−Flat	2
12	47−2890	Bushing	2
13	3274−39	Screw−HSBH	6
14	94−9628	Asm−Steering Cover (Incl. Ref. #26)	1
15	83−1420	Asm−Steering Column	1
16	94−6366	Cover−Steering Valve	1
17	340−133	Fitting−Hydraulic (Incl. Ref. #29−30)	2

Ref. No.	Part No.	Description	No. Used
18	323−4	Screw−HH	2
19	93−2115	Steering Arm	1
20	93−8068	Decal−Steering Arm	1
21	3274−80	Screw−HSBH	3
22	3246−3	Screw−Set	1
23	93−2120	Steering Control Valve	1
24	65−6390	Washer−Thrust	1
25	3290−277	Nut−Speed	6
26	93−8063	Decal−Warning	1
27	68−5140	Cap−Steering Wheel	1
28	32144−21	Screw−Phillips Pan Head	2
29	237−79	O−Ring	4
30	93−2272	Asm−Hose	1
31	93−2252	Asm−Hose	1
32	93−2269	Asm−Hose	1
33	93−2270	Asm−Hose	1
34	93−2271	Asm−Hose	1
35	237−21	O−Ring	2
36	237−42	O−Ring	1
37	3290−379	Tie−Cable	1

3319−748

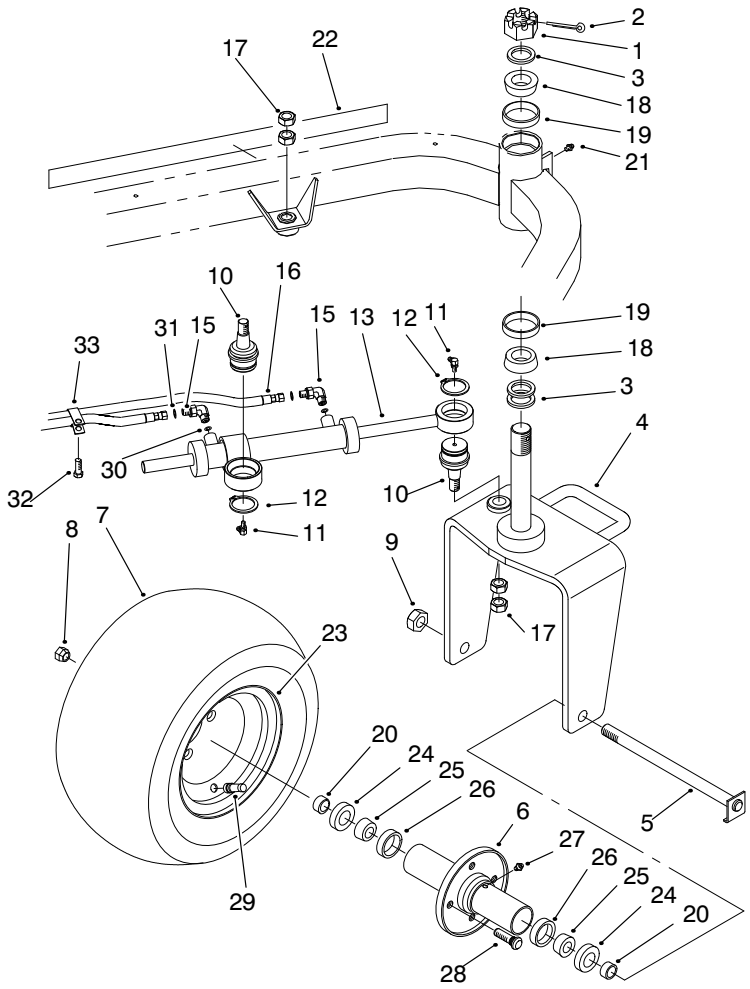


T−2362−1

STEERING CONTROL VALVE NO. 93−2120

Ref. No.	Part No.	Description	No. Used
†1		Ring−Dust Seal	1
†2		O−Ring	1
†3		O−Ring	1
†4		O−Ring	2
†5		Washer	7
*	94−4929	Kit−Seal (Incl. Ref. #1−5)	1

† Not Serviced Separately



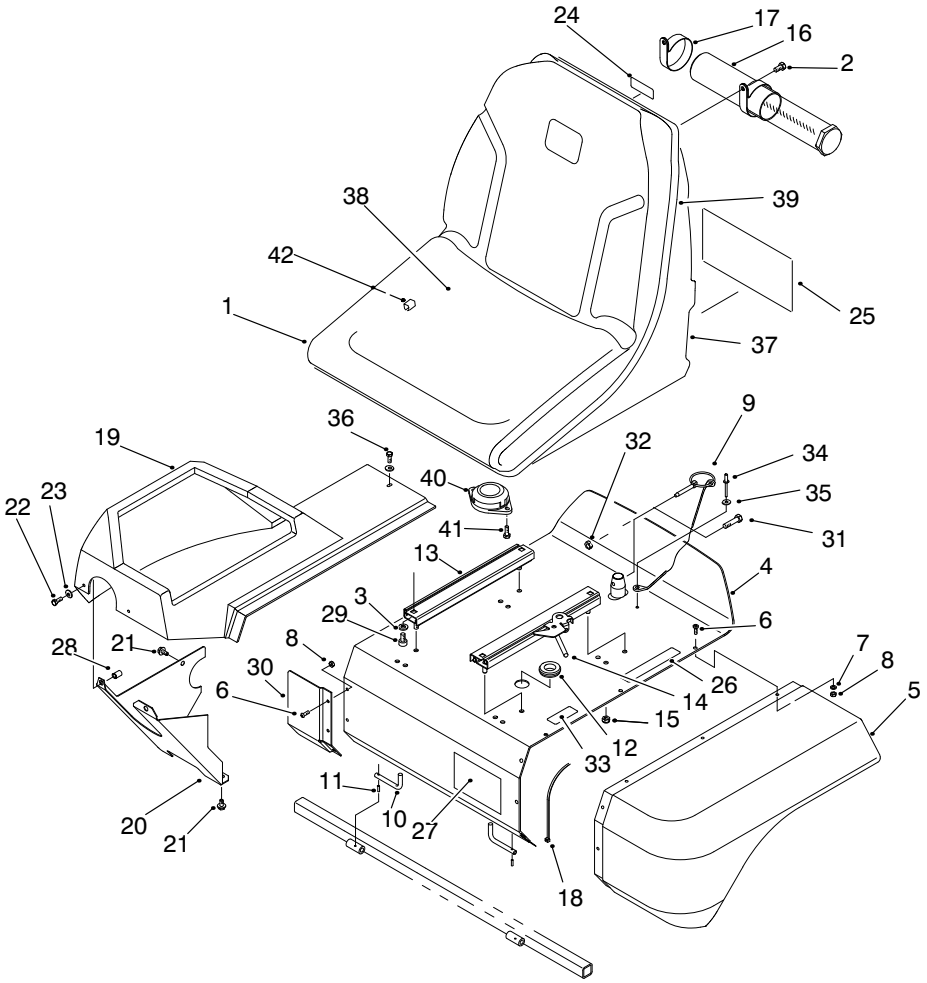
T−2225−2

REAR WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32136−9	Nut−Hex	1
2	3272−37	Pin−Cotter	1
3	18−6320	Washer−Steering	3
4	93−2125	Castor Fork	1
5	5−3934	Bolt	1
6	75−9440	Hub−Wheel	1
7	28−3680	Tire	1
8	242−50	Nut−Lug	4
9	3296−67	Nut−Lock	1
10	92−5838	Ball Joint	2
11	302−60	Fitting−Grease, 90˚	2
12	32151−104	Ring−Retaining, Ext.	2
13	93−2122	Asm−Cylinder, Steering (Incl. Ref. #32)	1
14	93−2270	Asm−Hose	1
15	340−132	Fitting−Hydraulic	2
16	93−2269	Asm−Hose	1
17	3220−6	Nut−Jam	4

Ref. No.	Part No.	Description	No. Used
18	254−70	Bearing Cone	2
19	254−61	Bearing−Cup	2
20	74−3730	Spacer−Cylinder	2
21	302−5	Fitting−Grease, Straight	1
22	93−2234	Decal−GR3200	2
23	217−60	Rim	1
24	253−111	Seal−Shaft	2
25	254−78	Cone−Bearing	2
26	254−79	Cup−Bearing	2
27	302−55	Fitting−Grease	1
28	10−6830	Stud−Drive	4
29	232−27	Valve Stem w/Cap	1
30	237−78	O−Ring	2
31	237−21	O−Ring	2
32	32144−14	Screw−HH	1
33	92−5753	Clamp−Hose	1
*	94−4398	Kit−Seal, Repair	1

* Not Illustrated

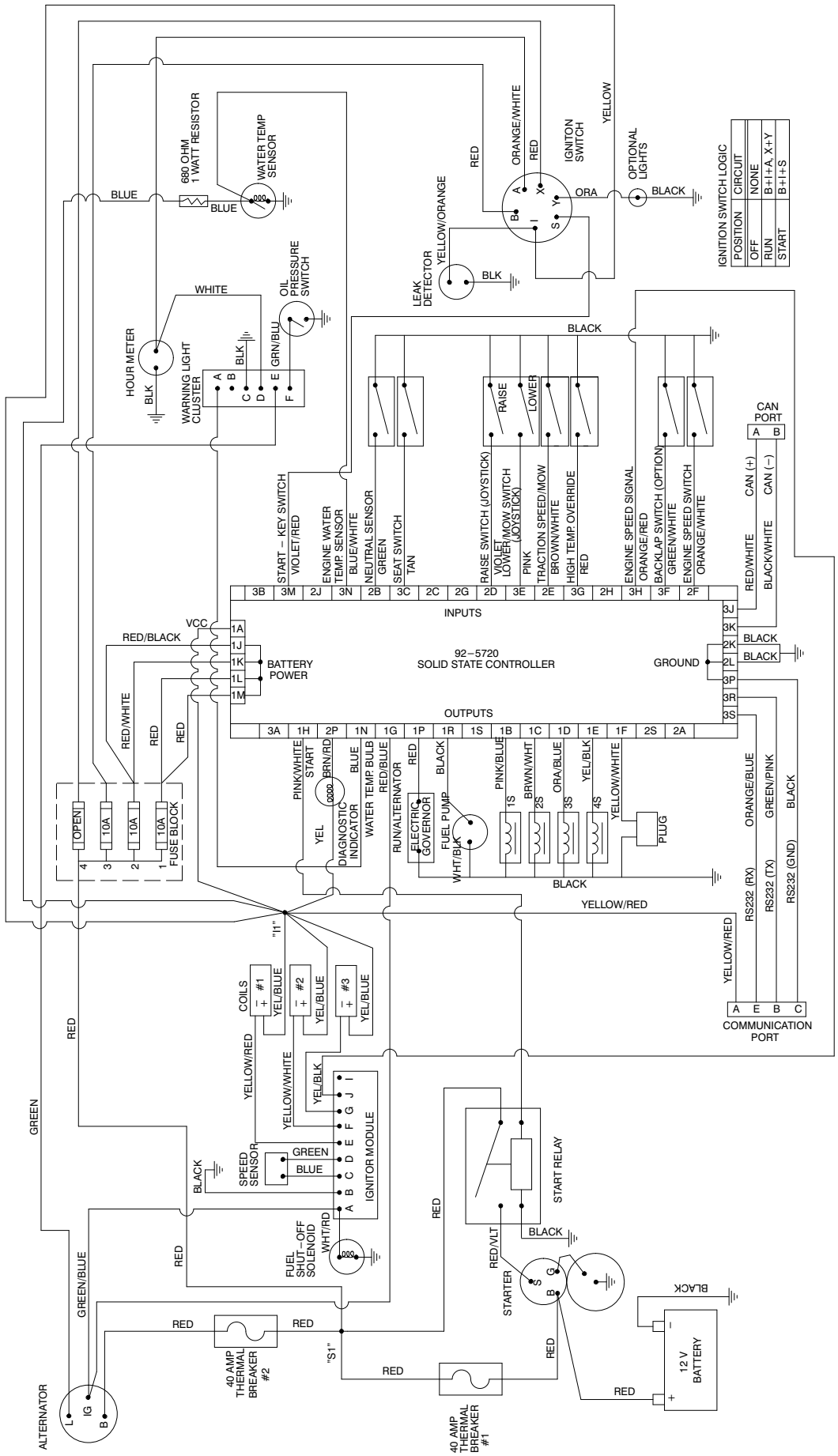


T−2226−5

SEAT ASSEMBLY

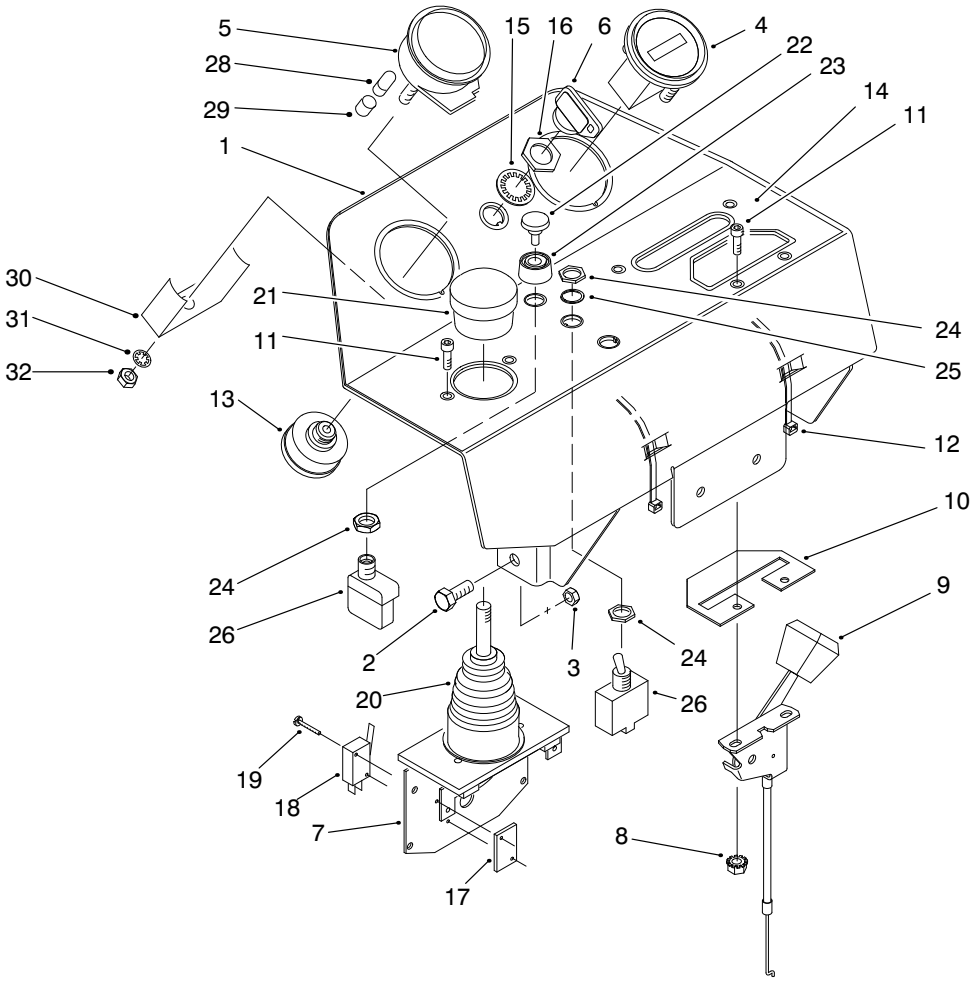
Ref. No.	Part No.	Description	No. Used
1	92−6280	Asm−Seat (Incl. Ref. #37−42)	1
2	322−2	Screw−HH	2
3	3256−23	Washer−Flat	4
4	94−9627	Asm−Seat Support (Incl. Ref. #26, 27 & 33)	1
5	93−2128	Panel−Seat Base	1
6	3274−39	Screw−HSBH	9
7	3256−77	Washer−Flat	6
8	3296−12	Nut−Lock	9
9	77−3780	Asm−Pin, Lynch	1
10	93−2422	Rod−Seat Pivot	2
11	32121−7	Pin−Spring	2
12	237−100	Grommet	1
13	92−8990	Adjuster	1
14	92−8991	Adjuster w/Latch	1
15	3296−29	Nut−Lock	4
16	74−0720	Tube−Manual	1
17	2412−133	Clamp−R	2
18	3290−378	Tie−Cable	1
19	93−2578	Shroud−Console	1
20	94−4547	Panel−Lower	1
21	32144−14	Screw−HH	2
22	33113−016	Screw−HH	2
23	3256−1	Washer−Flat	3
24	93−6686	Decal−Hydraulic Oil	1
25	95−0501	Decal−Service	1
25	95−0502	Decal−Service (Danish)	1
25	95−0503	Decal−Service (Dutch)	1
25	95−0504	Decal−Service (Finnish)	1
25	95−0505	Decal−Service (French)	1
25	95−0506	Decal−Service (German)	1
25	95−0507	Decal−Service (Italian)	1
25	95−0508	Decal−Service (Japanese)	1
25	95−0509	Decal−Service (Norwegian)	1
25	95−0510	Decal−Service (Portuguese)	1
25	95−0511	Decal−Service (Spanish)	1
25	95−0512	Decal−Service (Swedish)	1
26	93−6689	Decal−No Rider	1
27	94−2579	Decal−Toro	1
28	93−5447	Insert−Threaded	2
29	3274−12	Screw−HSH	4
30	94−4546	Panel−Extension	1
31	33113−030	Screw−HH (Europe)	1
32	33023−00	Nut−Lock (Europe)	1
33	93−7252	Decal−CE Mark	1
34	3290−282	Rivet−Pop	1
35	3256−49	Washer−Flat	1
36	33113−012	Screw−HH	1
37	92−6534	Shell−Seat	1
38	92−6533	Cushion−Replacement	1
39	351−78	Edging	1
40	92−6282	Switch−Seat	1
41	321−3	Screw−HH	2
42	351−80	Clip−Edging	1

ELECTRICAL SCHEMATIC



T−2267−2

3319−748

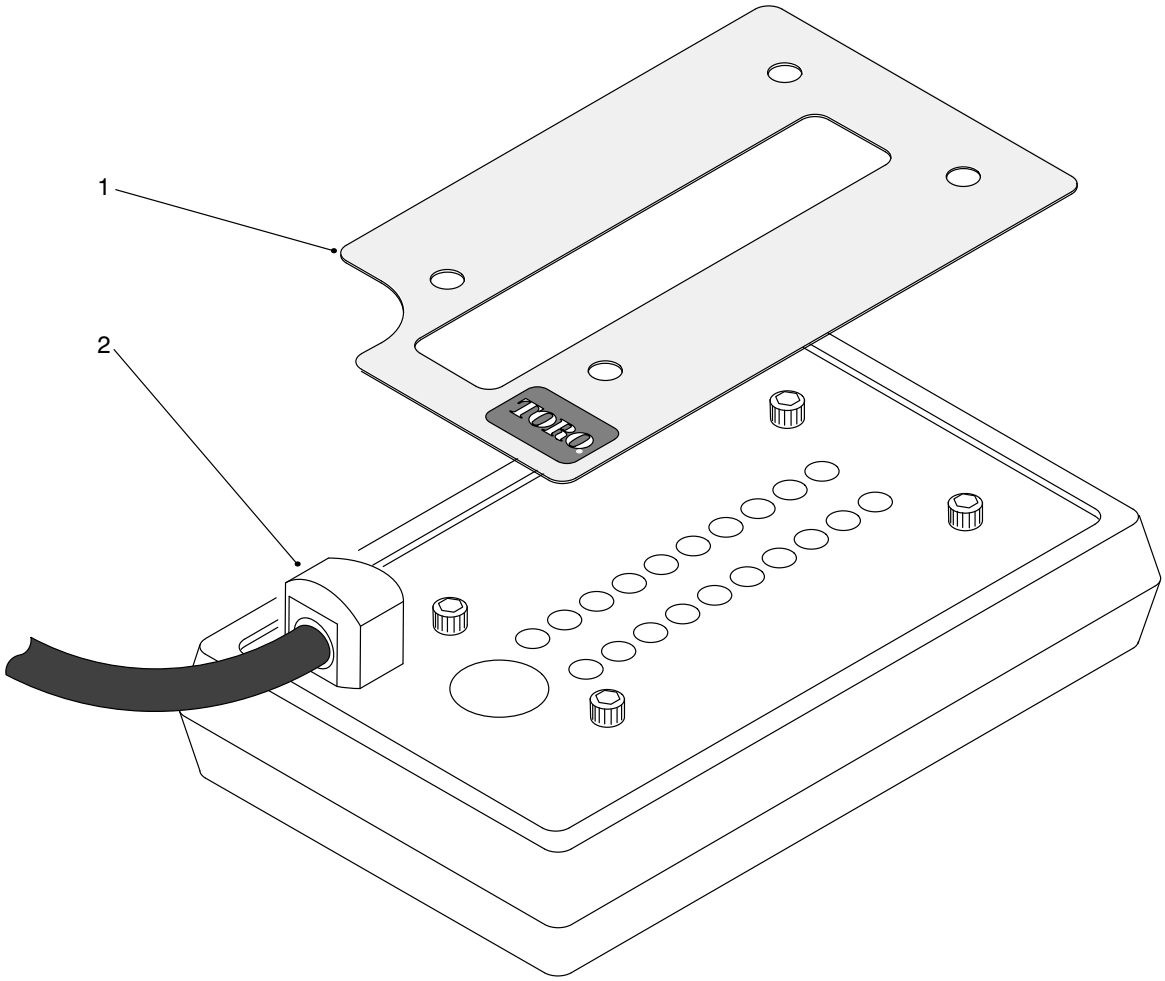


T−2235−3

CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94−6953	Console	1
2	33114−020	Screw−HH	4
3	33024−00	Nut−Lock	4
4	66−2950	Gauge−Hour Meter	1
5	93−7053	Warning Light Cluster (Incl. Ref. #28−32)	1
6	63−8360	Key−Ignition	2
7	98−2195	Lever−Control (Incl. Ref. #17−21)	1
8	32149−8	Nut−Keps	2
9	93−2329	Control−Choke	1
10	85−9190	Plate−Control	1
11	3273−26	Screw−HSH	4
12	3290−378	Tie−Cable	2
13	27−2360	Switch−Ignition (Incl. Ref. #15−16)	1
14	93−2232	Decal−Console	1
15	218−446	Washer−Lock	1
16	218−447	Nut−Hex.	1

Ref. No.	Part No.	Description	No. Used
17	3290−354	Plate−Nut	2
18	218−590	Switch−Micro	2
19	3290−93	Screw−HH	4
20	3290−488	Boot−Control, Lift	1
21	3290−489	Knob−Control, Lift	1
22	43−6280	Button−Push	1
23	43−6420	Bezel	1
24	218−498	Nut−Lock	3
25	218−589	Washer−Lock	1
26	75−1010	Switch (Incl. Ref. #24 & 25)	1
27	72−9760	Switch−Override (Incl. Ref. #24)	1
28	219−17	Bulb−Warning Light	4
29	87−6270	Asm−Socket & Bulb (Incl. Ref. #28)	4
30		Clamp−Light	1
31	3254−1	Washer−Lock	1
32	3217−26	Nut−Hex.	1



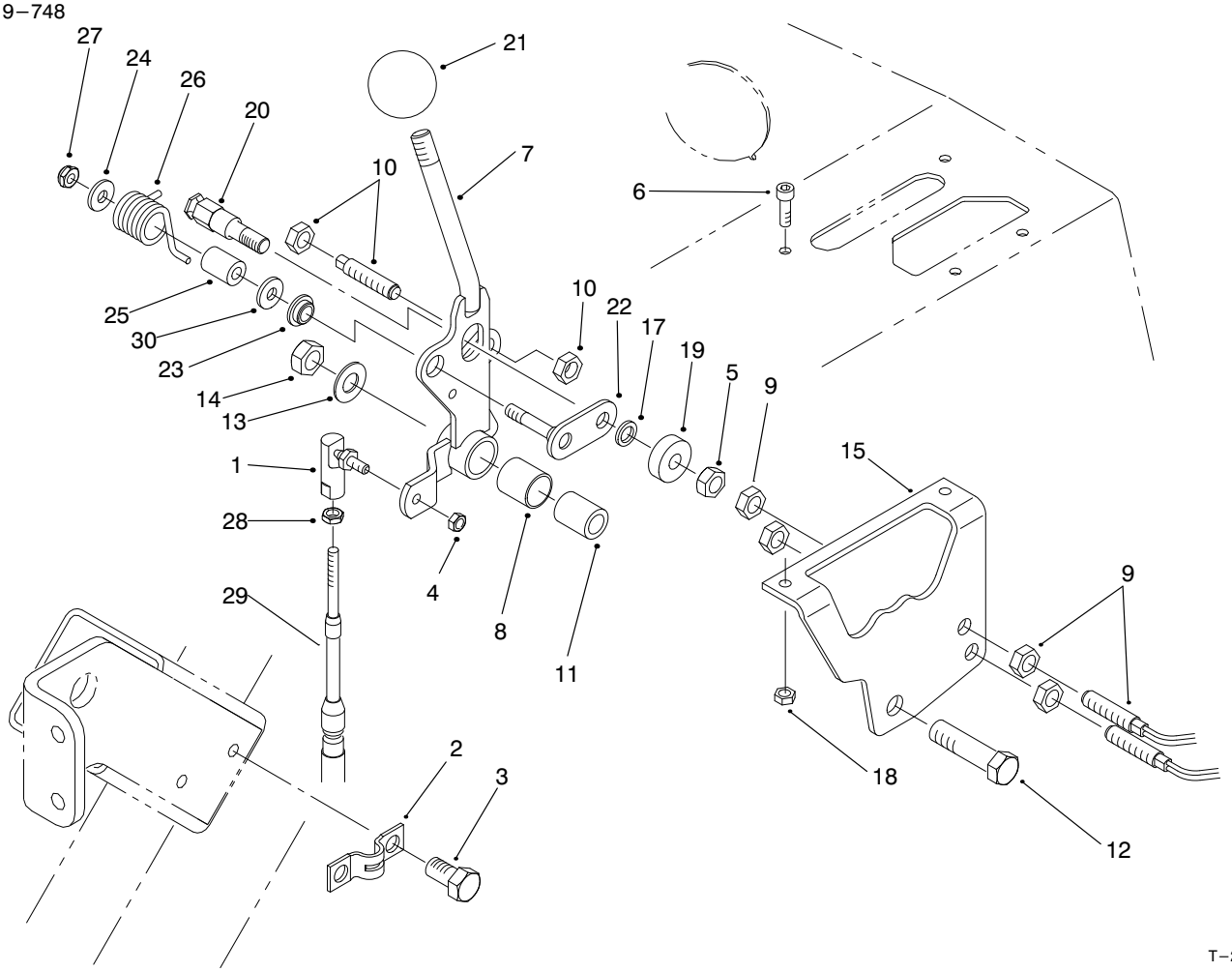
T−1458−1

DIAGNOSTIC−ACE DISPLAY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	94−3466	Decal−Diagnostic−ACE GR3200 V 1.0	1
*	94−8085	Decal−Diag. (Danish)	1
*	94−8086	Decal−Diag. (Dutch)	1
*	94−8087	Decal−Diag. (Finnish)	1
*	94−8088	Decal−Diag. (French)	1
*	94−8089	Decal−Diag. (German)	1
*	94−8090	Decal−Diag. (Italian)	1
*	94−8091	Decal−Diag. (Japanese)	1
*	94−8092	Decal−Diag. (Norwegian)	1
*	94−8093	Decal−Diag. (Portuguese)	1
*	94−8094	Decal−Diag. (Spanish)	1
*	94−8095	Decal−Diag. (Swedish)	1
*2	85−4750	Display−Diagnostic−ACE	1

* Optional

3319−748



T−2265−5

TRACTION HANDLE ASSEMBLY

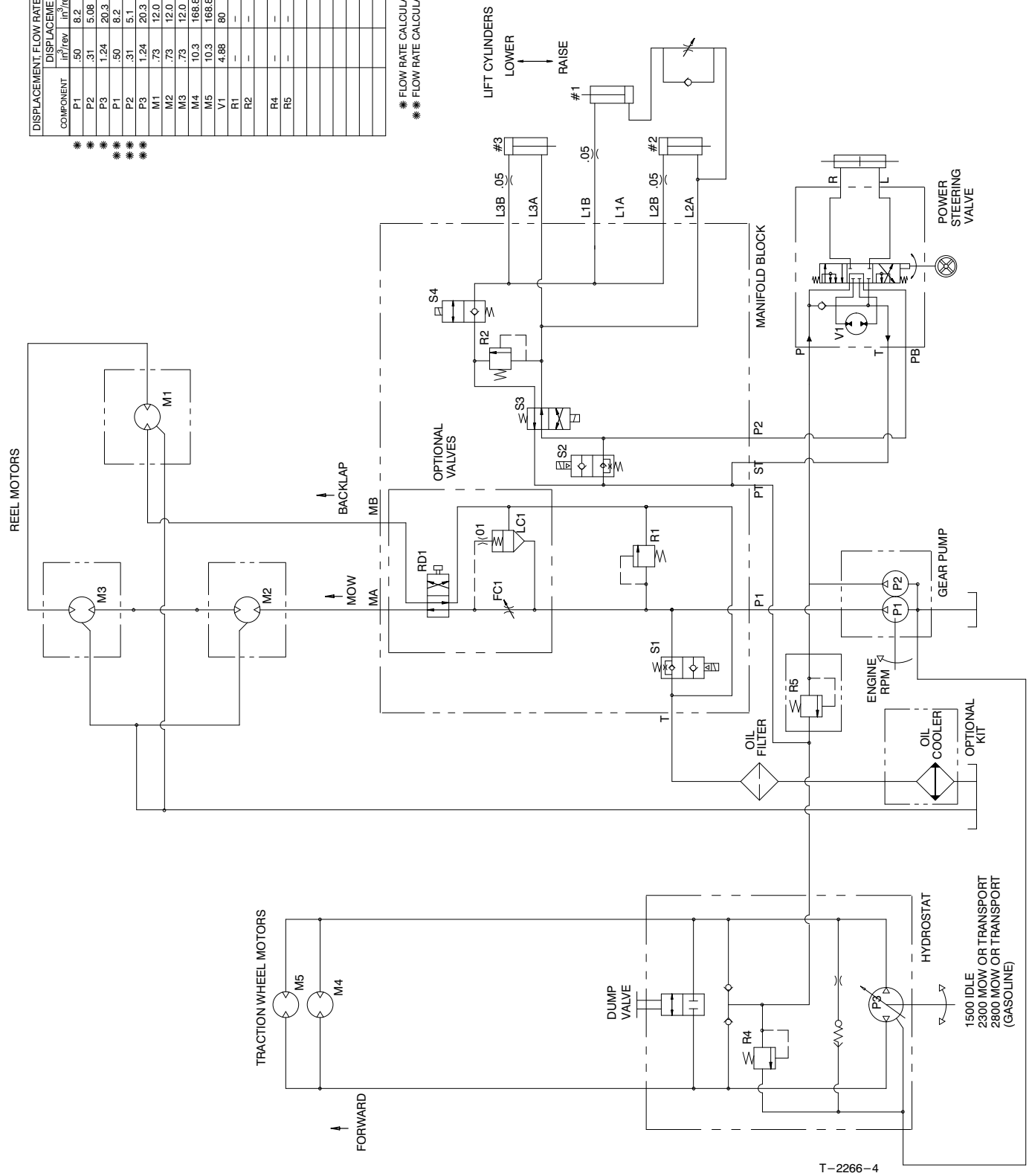
Ref. No.	Part No.	Description	No. Used
1	2411−38	Ball Joint	1
2	93−2279	Clamp−Cable	1
3	32144−14	Screw−HH	2
4	3296−27	Nut−Lock	1
5	33024−00	Nut−Lock	1
6	3273−26	Screw−HSH	2
7	94−9611	Handle	1
8	256−311	Bushing−Straight	1
9	93−2055	Reed Switch−Sensor	2
10	93−2056	Reed Switch−Actuator	1
11	94−1378	Tube−Handle Pivot	1
12	33115−040	Screw−HH	1
13	3256−24	Washer−Flat	1
14	33025−00	Nut−Lock	1
15	94−6398	Bracket−Traction	1

Ref. No.	Part No.	Description	No. Used
17	75−5470	Spacer	1
18	3296−27	Nut−Lock	2
19	251−259	Bearing−Ball	1
20	94−9617	Pin−Spring	1
21	233−42	Knob	1
22	94−9614	Roller Pivot−Welded	1
23	94−9619	Bushing	1
24	3256−1	Washer−Flat	1
25	94−9618	Spacer−Spring	1
26	94−9620	Spring−Torsion	1
27	33023−00	Nut−Lock	1
28	3219−14	Nut−Jam	1
29	94−1304	Cable−Neutral Lock (Incl. Ref. #28)	1
30	3256−23	Washer−Flat	1

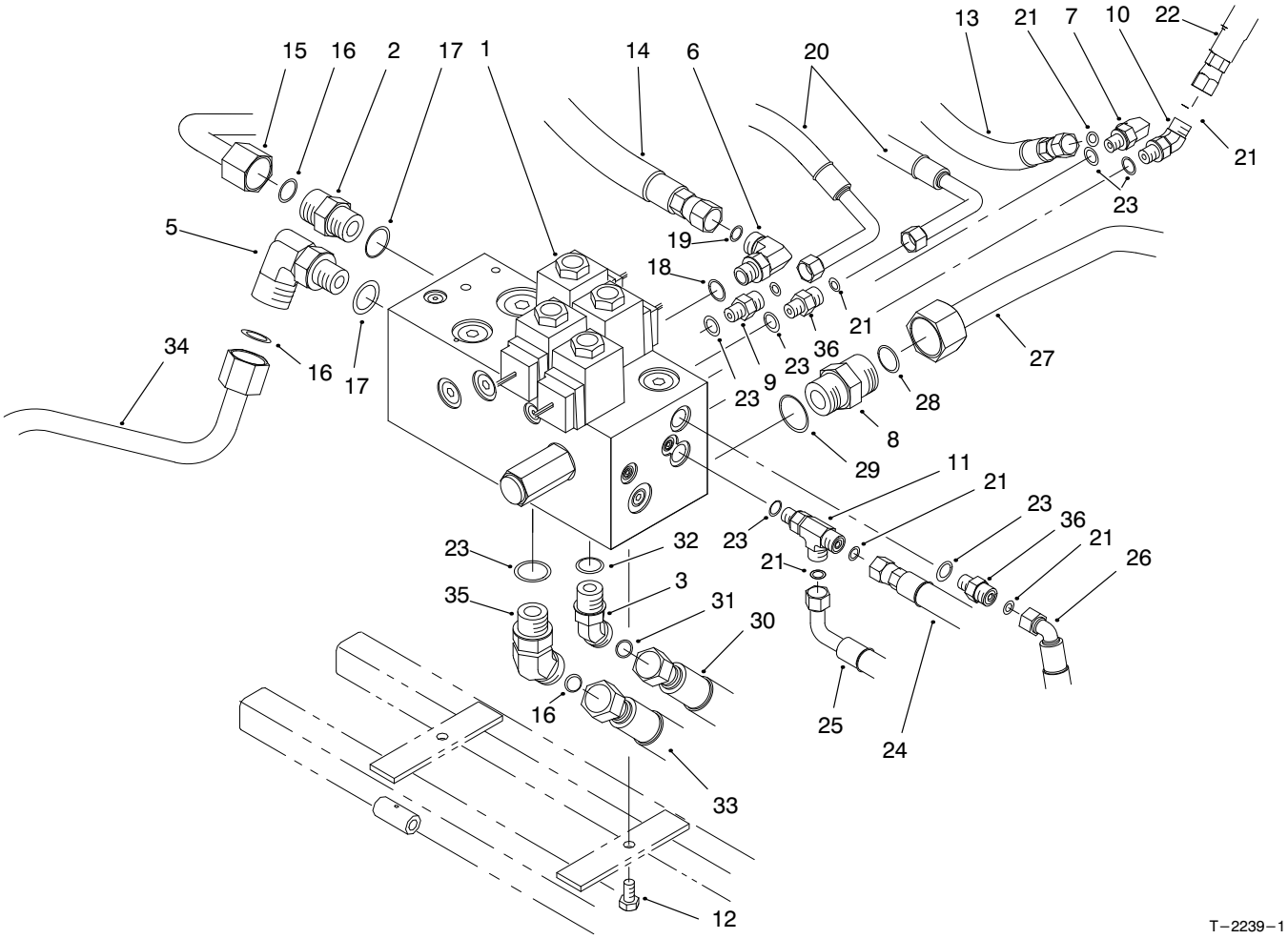
HYDRAULIC SCHEMATIC

DISPLACEMENT, FLOW RATE, AND PRESSURE CHART						
	DISPLACEMENT		PRESSURE		FLOW RATE	
COMPONENT	in^3/rev	in^3/rev	lbs/in^2	BARS	GPM	LPM
P1	.50	8.2	–	–	5.9	22.4
P2	.31	5.08	–	–	3.7	13.9
P3	1.24	20.3	–	–	14.8	55.8
P1	.50	8.2	–	–	4.9	18.5
P2	.31	5.1	–	–	3.0	11.4
P3	1.24	20.3	–	–	12.1	45.8
M1	.73	12.0	–	–	–	–
M2	.73	12.0	–	–	–	–
M3	.73	12.0	–	–	–	–
M4	10.3	168.8	–	–	–	–
M5	10.3	168.8	–	–	–	–
V1	4.88	80	–	–	–	–
R1	–	–	2400	166	–	–
R2	–	–	300	20	–	–
R4	–	–	100	7	–	–
R5	–	–	1000	69	–	–

✱ FLOW RATE CALCULATED AT 2800 RPM AND 98% EFFICIENCY
✱✱ FLOW RATE CALCULATED AT 2300 RPM AND 98% EFFICIENCY



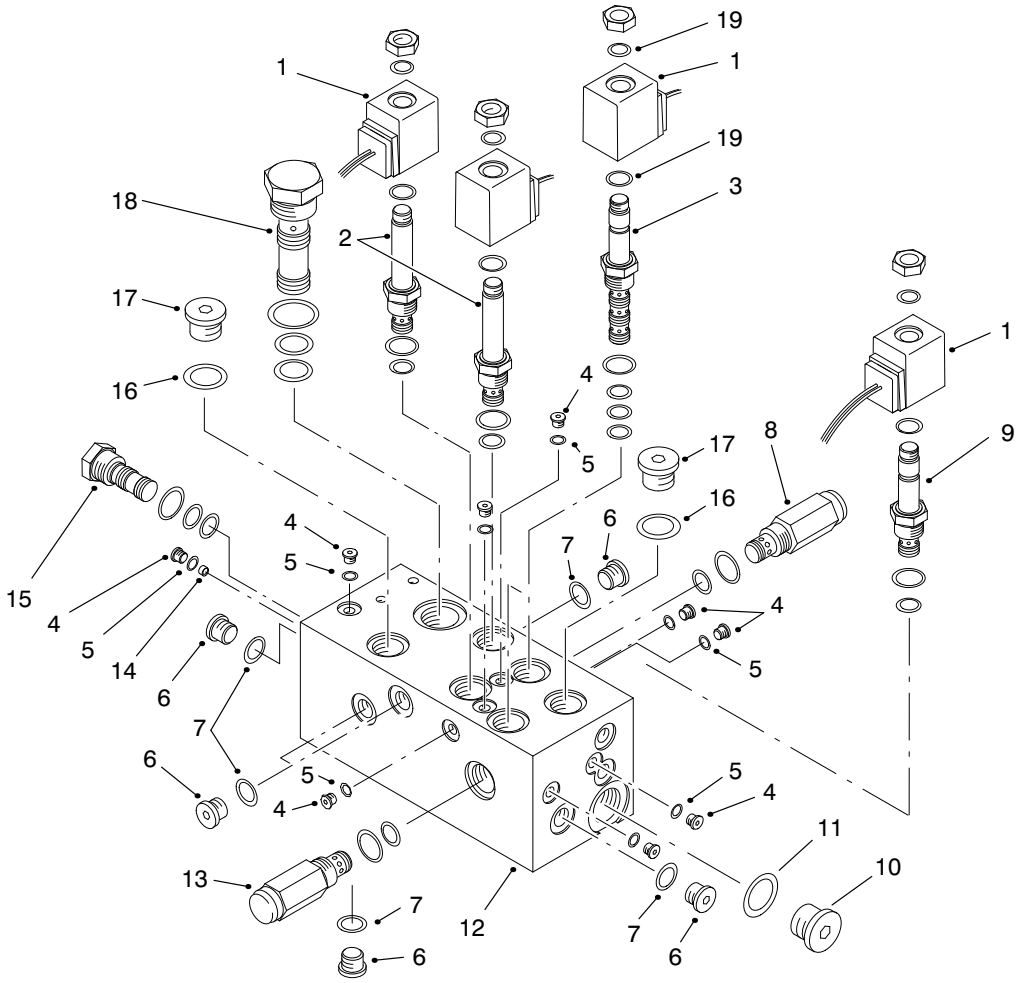
T–2266–4



MANIFOLD INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−2240	Asm−Manifold	1
2	340−7	Fitting−Hydraulic (Incl. Ref. #16−17)	1
3	340−138	Fitting−Hydraulic 45° (Incl. Ref. #31−32)	1
5	340−17	Fitting−Hydraulic 90° (Incl. Ref. #16−17)	1
6	340−77	Fitting−Hydraulic 90° (Incl. Ref. #18−19)	1
7	340−132	Fitting−Hydraulic 90° (Incl. Ref. #21 & 23)	1
8	340−9	Fitting−Hydraulic (Incl. Ref. #28−29)	1
9	340−92	Fitting−Hydraulic (Incl. Ref. #21 & 23)	1
10	340−103	Fitting−Hydraulic 45° (Incl. Ref. #21 & 23)	1
11	340−140	Tee−Hydraulic (Incl. Ref. #21 & 23)	1
12	33114−016	Screw−HH	2
13	93−2271	Asm−Hose	1
14	93−2272	Asm−Hose	1
15	94−1317	Tube−Hydraulic	1

Ref. No.	Part No.	Description	No. Used
16	237−65	O−Ring	3
17	237−80	O−Ring	2
18	237−42	O−Ring	1
19	237−22	O−Ring	1
20	93−2254	Tube−Hydraulic	2
21	237−21	O−Ring	7
22	94−3477	Asm−Hose	1
23	237−78	O−Ring	7
24	93−2258	Asm−Hose	1
25	93−2256	Asm−Hose	1
26	93−2255	Asm−Hose	1
27	94−4518	Tube−Hydraulic	1
28	237−58	O−Ring	1
29	237−81	O−Ring	1
30	94−1331	Asm−Hose	1
31	237−30	O−Ring	1
32	237−79	O−Ring	1
33	94−1332	Asm−Hose	1
34	94−1320	Tube−Hydraulic	1
35	340−14	Fitting−Hydraulic (Incl. Ref. #16 & 23)	1
36	95−1639	Fitting−Orificed (Incl. Ref. #21 & 23)	2



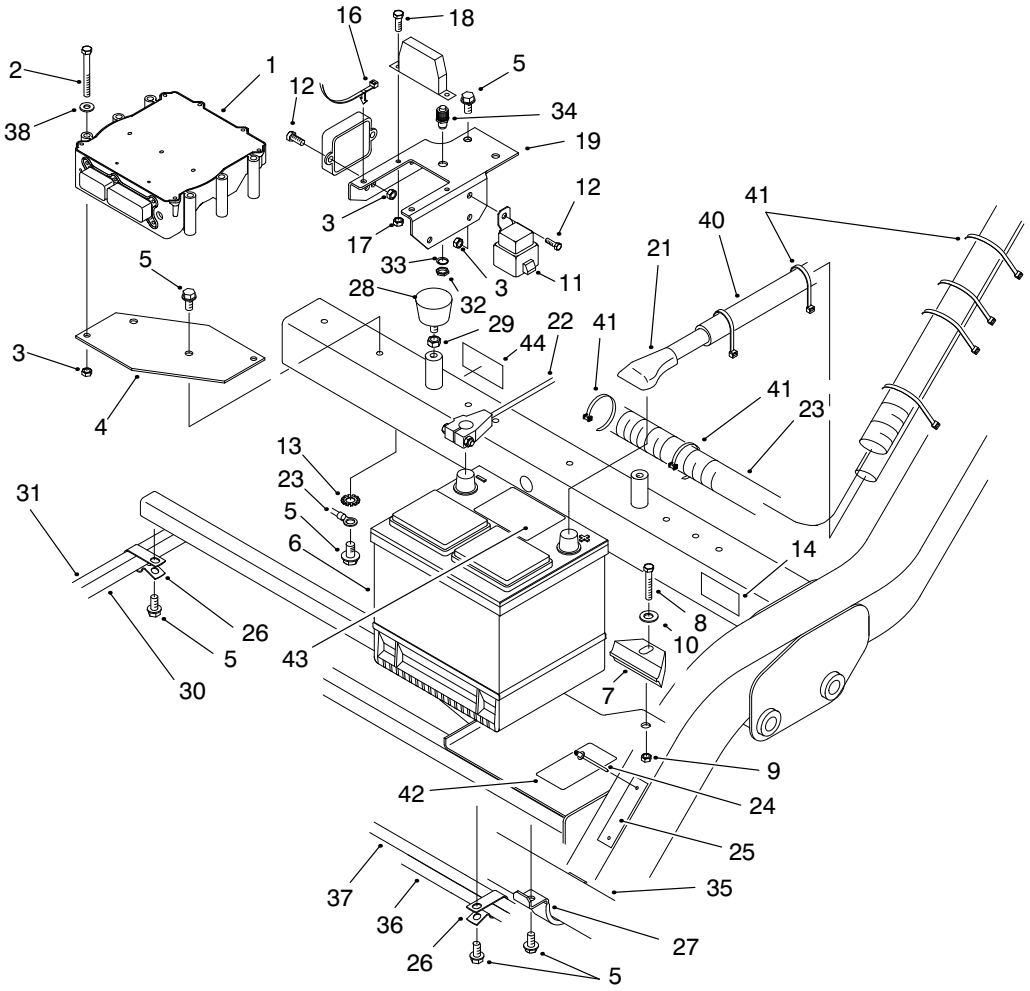
T−2251−1

MANIFOLD ASSEMBLY NO. 93−2240

Ref. No.	Part No.	Description	No. Used
1	88−9190	Solenoid−20 Watt	4
2	93−7494	Cartridge−N.O. Poppet (Use Seal Kit #75−2080)	2
3	94−2627	Cartridge (Use Seal Kit #75−2090)	1
4	353−991	Plug (Incl. Ref. #5)	9
5	237−156	O−Ring	9
6	353−989	Plug (Incl. Ref. #7)	6
7	237−42	O−Ring	6
8	95−1601	Cartridge−Relief 2400 psi (Use Seal Kit #75−2080)	1
9	92−6315	Cartridge−N.C. (Use Seal Kit #75−2080)	1
10	353−988	Plug (Incl. Ref. #11)	1
11	237−79	O−Ring	1

Ref. No.	Part No.	Description	No. Used
†12		Body−Manifold	1
13	94−6351	Cartridge−Relief 150 psi (Use Seal Kit #75−2080)	1
14	95−5999	Plug−Orifice	1
15	94−6353	Plug−Cavity (use Seal Kit #95−5641)	1
16	237−80	O−Ring	2
17	354−70	Plug (Incl. Ref. #16)	2
18	94−6352	Plug−Cavity (Use Seal Kit #94−3661)	1
19	94−5438	Seal−Solenoid	8
*	75−2080	Kit−Seal	5
*	95−5641	Kit−Seal	1
*	75−2090	Kit−Seal	1
*	94−3661	Kit−Seal	1

* Not Illustrated
† Not Serviced Separately



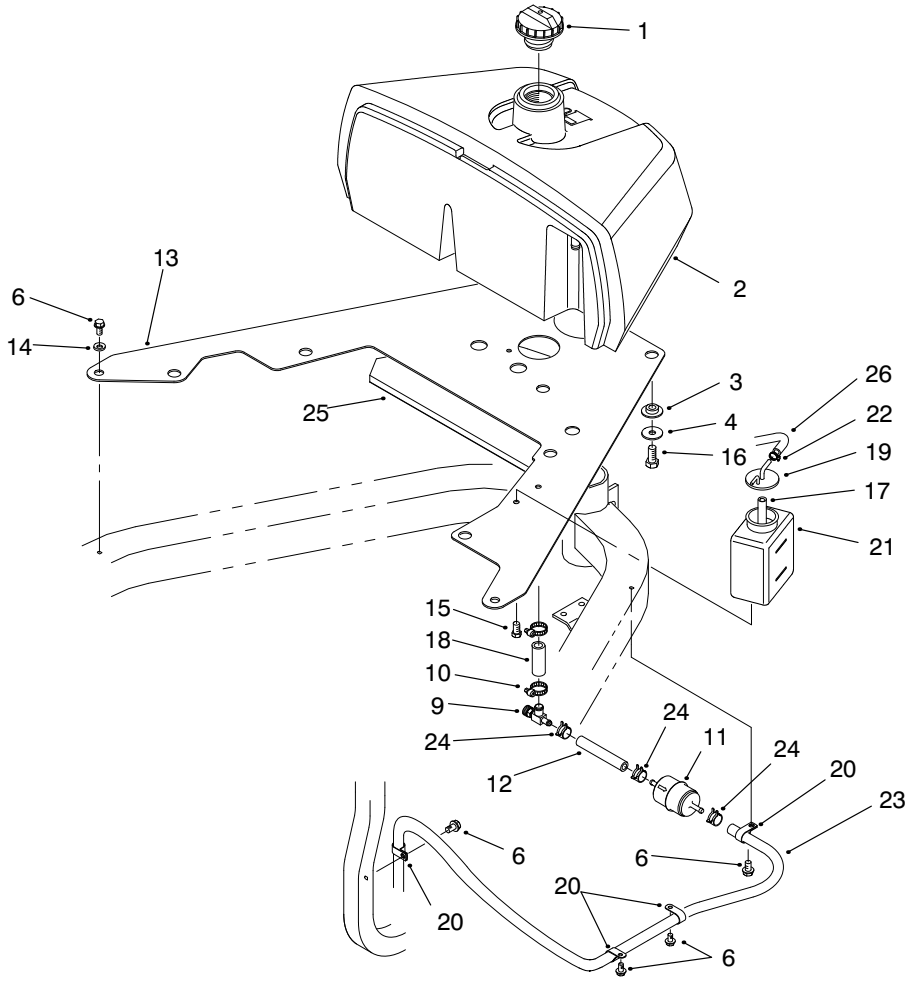
T−2238−4

BATTERY & CONTROLLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	92−5720	Controller−Electronic Note: This part must be programmed with Part No. 94−7342 by distributor before installation.	1
2	33113−070	Screw−HH	2
3	33023−00	Nut−Lock	5
4	93−2089	Bracket−Controller	1
5	32144−14	Screw−HH	13
6	66−2750	Battery	1
7	66−2490	Retainer−Battery	1
8	33115−040	Screw−HH	1
9	33025−00	Nut−Lock	1
10	3256−24	Washer−Flat	1
11	70−1480	Relay	1
12	33113−016	Screw−HH	3
13	3254−2	Washer−Lock	1
†14		Decal−ANSI	1
16	94−1325	Push Mount Tie	2
17	3296−2	Nut−Lock	2
18	32105−13	Screw−HH	2
19	93−2123	Bracket−Fuse Block	1
21	93−2343	Cable−Battery, Positive	1
22	93−2344	Cable−Battery, Negative	1

Ref. No.	Part No.	Description	No. Used
23	93−2349	Wire Harness (Incl. Ref. #32−34)	1
24	3290−415	Rivet−Pop	2
†25		Serial Plate	1
26	92−5753	Clamp−Hose, Double	2
27	93−2036	Clamp−Air Hose	1
28	68−3270	Bumper−Rubber	2
29	3218−2	Nut−Jam	2
30	93−2269	Asm−Hose	1
31	93−2270	Asm−Hose	1
†32		Nut−Lock	1
†33		Washer−Lock	1
34	85−4491	Lamp−Diagnostic	1
35	93−2035	Hose−Air Cleaner	1
36	93−2255	Asm−Hose	1
37	93−2256	Asm−Hose	1
38	3256−22	Washer−Flat	2
40	94−4519	Tube−Convoluted	1
41	3290−378	Tie−Cable	8
42	93−6668	Decal−Battery	1
43	93−7276	Decal−Danger	1
‡44	74562−87801	Decal−Emissions	1
*	70−8570	Circuit Breaker−40 Amp	2

* Not Illustrated
† Not Serviced Separately
‡ Obtain replacement parts from your local Briggs & Stratton Dealer.

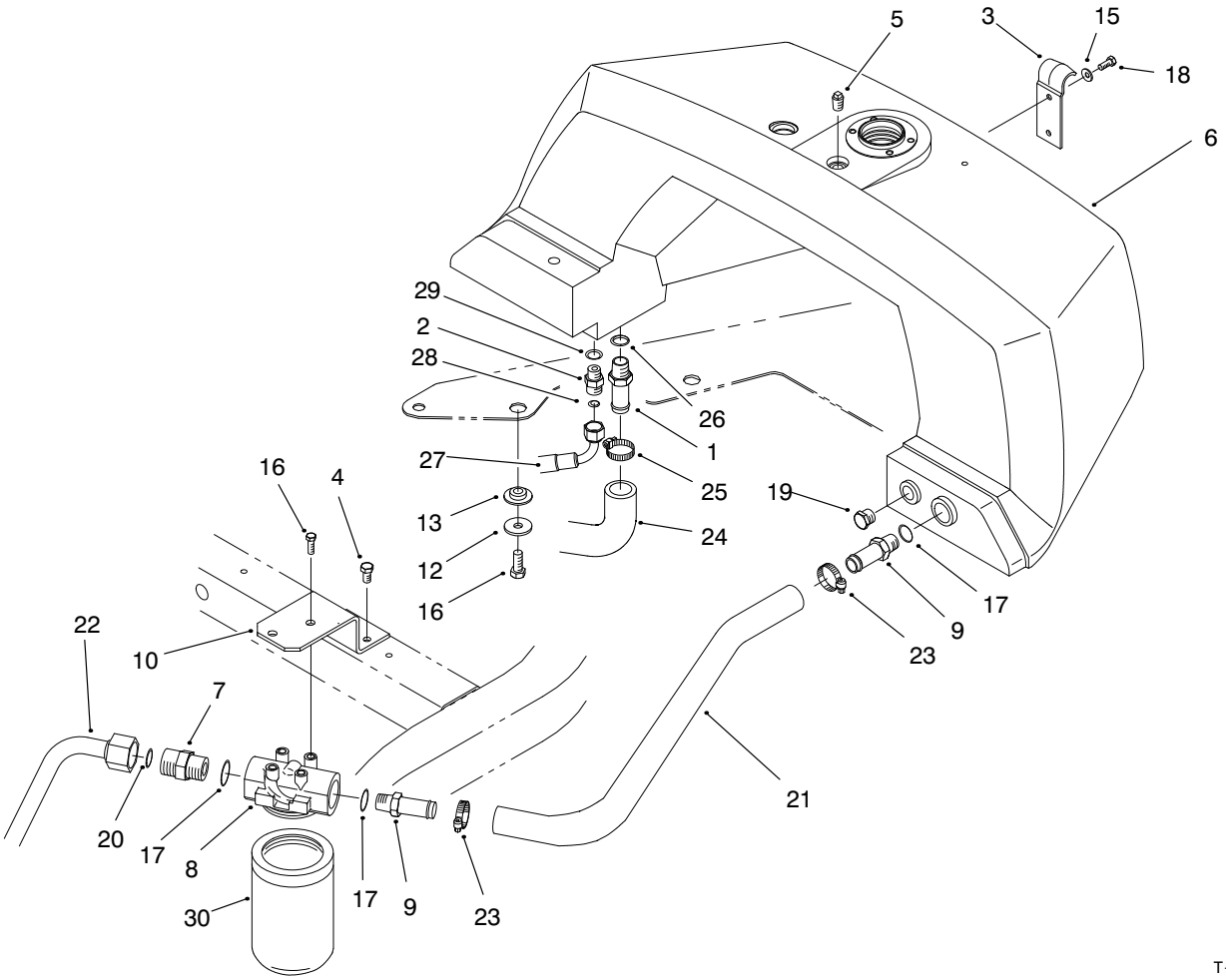


T−2232−3

FUEL SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−3101	Cap−Fuel	1
2	93−2224	Tank−Fuel, Gasoline	1
3	240−11	Grommet	3
4	93−4637	Washer−Flat	3
6	32144−14	Screw−HH	7
9	83−1390	Fitting−Fuel Shutoff	1
10	2412−36	Clamp−Hose	2
11	95−2926	Filter−Fuel	1
12	93−2227	Hose−Fuel	1
13	94−1364	Plate	1
14	3256−23	Washer−Flat	2
15	33114−016	Screw−HH	2

Ref. No.	Part No.	Description	No. Used
16	33115−020	Screw−HH	3
17	94−1348	Hose−Tank, Recovery	1
18	56−2230	Hose−Fuel	1
19	93−2048	Cap−Overflow Tank	1
20	2412−41	Clamp−R	4
21	93−2049	Tank−Overflow	1
22	2412−108	Clamp−Hose	1
23	93−2228	Hose−Fuel	1
24	2412−98	Clamp−Hose	3
25	94−3474	Pad−Thermal	1
26	93−2260	Hose−Expansion Tank	1

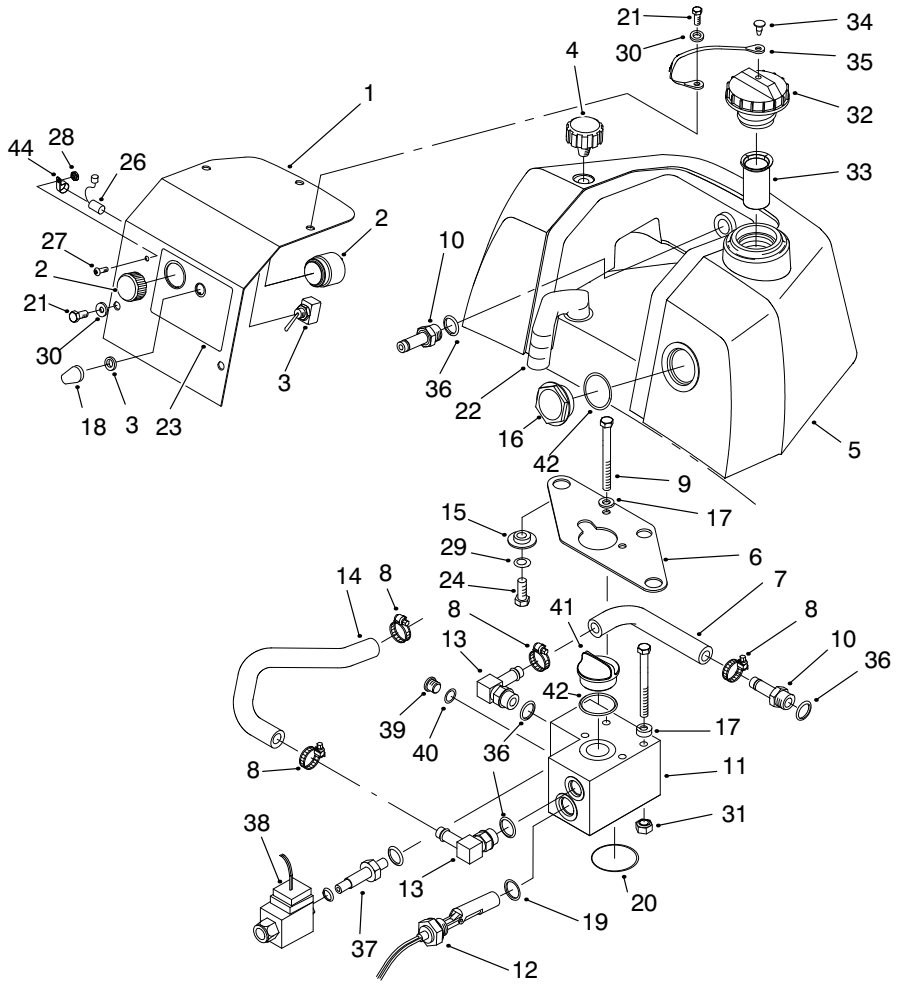


T−2233−2

HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	354−78	Fitting−Barb (Incl. Ref. #26)	1
2	340−2	Fitting−Hydraulic (Incl. Ref. #28−29)	1
3	93−2438	Clamp−Fuel Tank	1
4	32144−14	Screw−HH	2
5	281−10	Plug−Pipe	1
6	93−2235	Tank−Hydraulic	1
7	340−9	Fitting−Hydraulic (Incl. Ref. #17 & 20)	1
8	93−2242	Asm−Filter, Oil (Incl. Ref. #30)	1
9	354−73	Fitting−Hydraulic (Incl. Ref. #17)	2
10	93−2236	Mount−Oil Filter	1
12	93−4637	Washer−Flat	4
13	240−11	Grommet	4

Ref. No.	Part No.	Description	No. Used
15	3256−1	Washer−Flat	2
16	33115−020	Screw−HH	6
17	237−81	O−Ring	3
18	33113−016	Screw−HH	2
19	353−988	Plug	1
20	237−58	O−Ring	1
21	94−9607	Hose−Formed	1
22	94−4518	Tube−Hydraulic	1
23	2412−129	Clamp−Hose	2
24	93−2068	Hose−Pump Inlet	1
25	2412−34	Clamp−Hose	1
26	237−146	O−Ring	1
27	94−4539	Asm−Hose	1
28	237−22	O−Ring	1
29	237−42	O−Ring	1
30	75−1310	Element	1



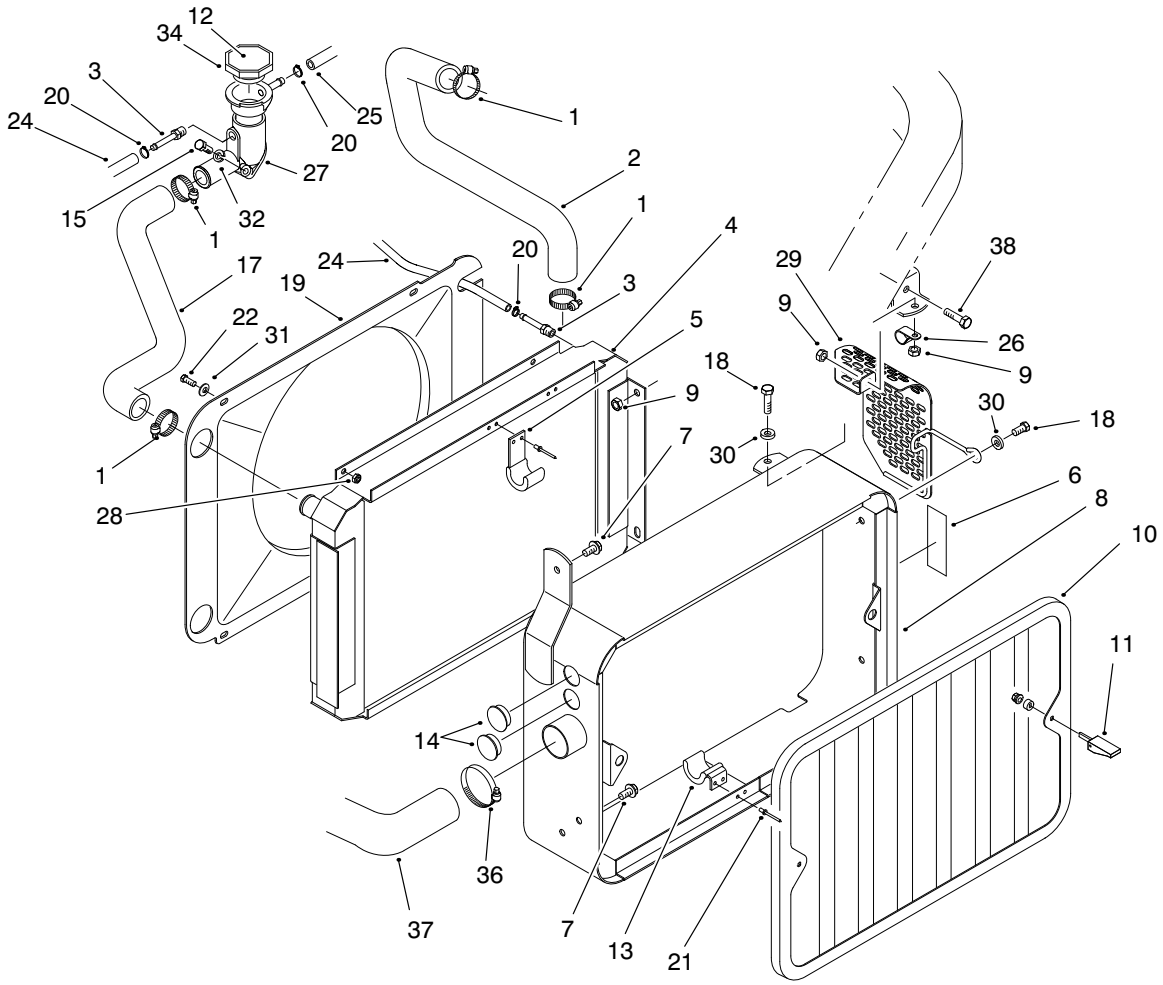
T−2234−4

LEAK DETECTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	98−0638	Plate−Cover	1
2	80−9330	Alarm−Audio	1
3	20−7150	Switch−Toggle	1
4	68−6150	Breather−Air	1
5	98−0637	Tank−Leak Detection (Incl. Ref. #16 & 42)	1
6	94−8165	Plate−Mounting	1
7	98−0639	Hose−Formed, Outlet	1
8	2412−36	Clamp−Hose	4
9	33114−090	Screw−HH	4
10	354−121	Fitting−Barb (Incl. Ref. #36)	2
11	93−2430	Asm−Valve (Incl. Ref. #37−42)	1
12	83−1450	Sensor−Oil Level	1
13	354−120	Fitting−Barb (Incl. Ref. #36)	2
14	98−0640	Hose−Formed, Inlet	1
15	240−11	Grommet	2
16	83−2250	gauge−Sight	1
17	3256−23	Washer−Flat	2
18	218−473	Boot−Toggle Switch	1
19	237−80	O−Ring	1
20	94−9649	O−Ring	1
21	33113−016	Screw−HH	5

Ref. No.	Part No.	Description	No. Used
22	94−1350	Harness−Leak Detector	1
23	93−2436	Decal−Leak Detector	1
24	33115−020	Screw−HH	2
26	83−2280	Timer−Delay (Incl. Ref. #44)	1
27	3274−39	Screw−HSBH	1
28	3296−12	Nut−Lock	1
29	93−4637	Washer−Flat	2
30	3256−1	Washer−Flat	5
31	33024−00	Nut−Lock	4
32	93−7160	Cap−Hydraulic Oil (Incl. Ref. #34−35)	1
33	93−2275	Screen−Filler	1
†34		Plug	1
†35		Tether	1
36	237−79	O−Ring	4
†37		Spool−Valve	1
†38		Coil−Valve	1
39	353−990	Plug (Incl. Ref. #40)	1
40	237−78	O−Ring	1
41	93−7498	Plug−Plastic	1
42	94−8166	O−Ring	2
43	73−3540	Washer−Flat	2
44	98−4604	Clamp	1

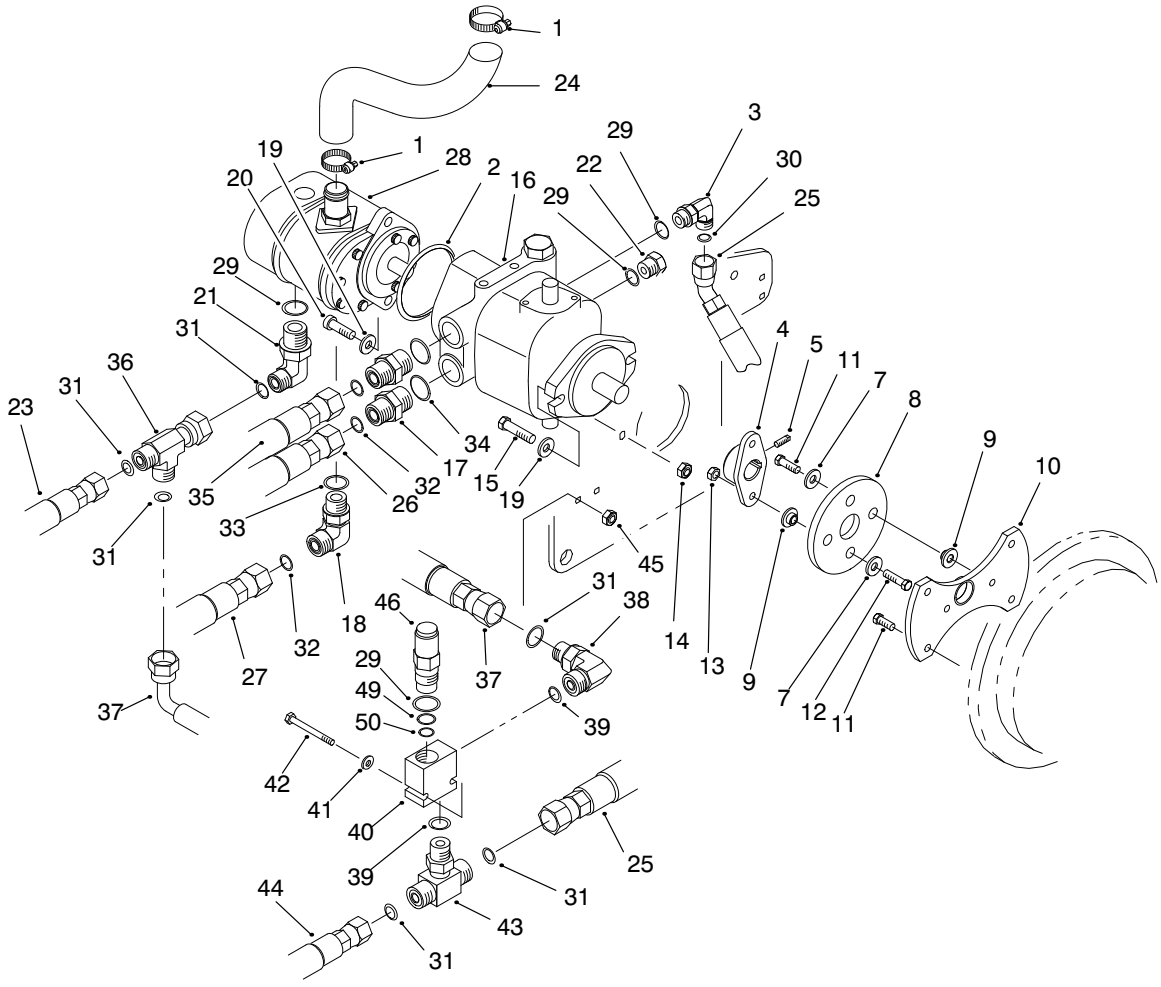
† Not Serviced Separately



RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412−34	Clamp−Hose	4
2	94−9608	Hose−Radiator	1
3	304−73	Fitting−Hose Barb	2
4	93−2300	Radiator	1
5	93−2425	Bracket−Cooler, Upper	2
6	93−6681	Decal−Warning, Fan	1
7	32144−14	Screw−HH	2
8	94−9623	Asm−Radiator Support (Incl. Ref. #6)	1
9	33024−00	Nut−Lock	6
10	93−2050	Screen	1
11	74−5950	Latch−Swell	2
12	93−7840	Decal−Radiator Cap	1
13	93−2424	Bracket−Cooler, Lower	2
14	94−4528	Plug	2
15	33113−025	Screw−HH	2
17	93−2018	Hose−Radiator	1
18	33114−020	Screw−HH	5

Ref. No.	Part No.	Description	No. Used
19	93−2320	Shroud−Fan	1
20	2412−108	Clamp−Hose	3
21	3269−15	Rivet−Pop	8
22	33113−016	Screw−HH	4
24	94−4522	Hose−Breather	1
25	93−2260	Hose−Expansion Tank	1
26	2412−41	Clamp−R	1
27	93−2448	Housing−Thermostat	1
28	33023−00	Nut−Lock	4
29	94−6370	Asm−Alternator Guard	1
30	3256−23	Washer−Flat	2
31	3256−22	Washer−Flat	4
32	3253−3	Washer−Spring Lock	2
34	66−3240	Cap−Radiator	1
36	2412−92	Clamp−Hose	1
37	93−2035	Hose−Air Cleaner	1
38	33114−016	Screw−HH	1

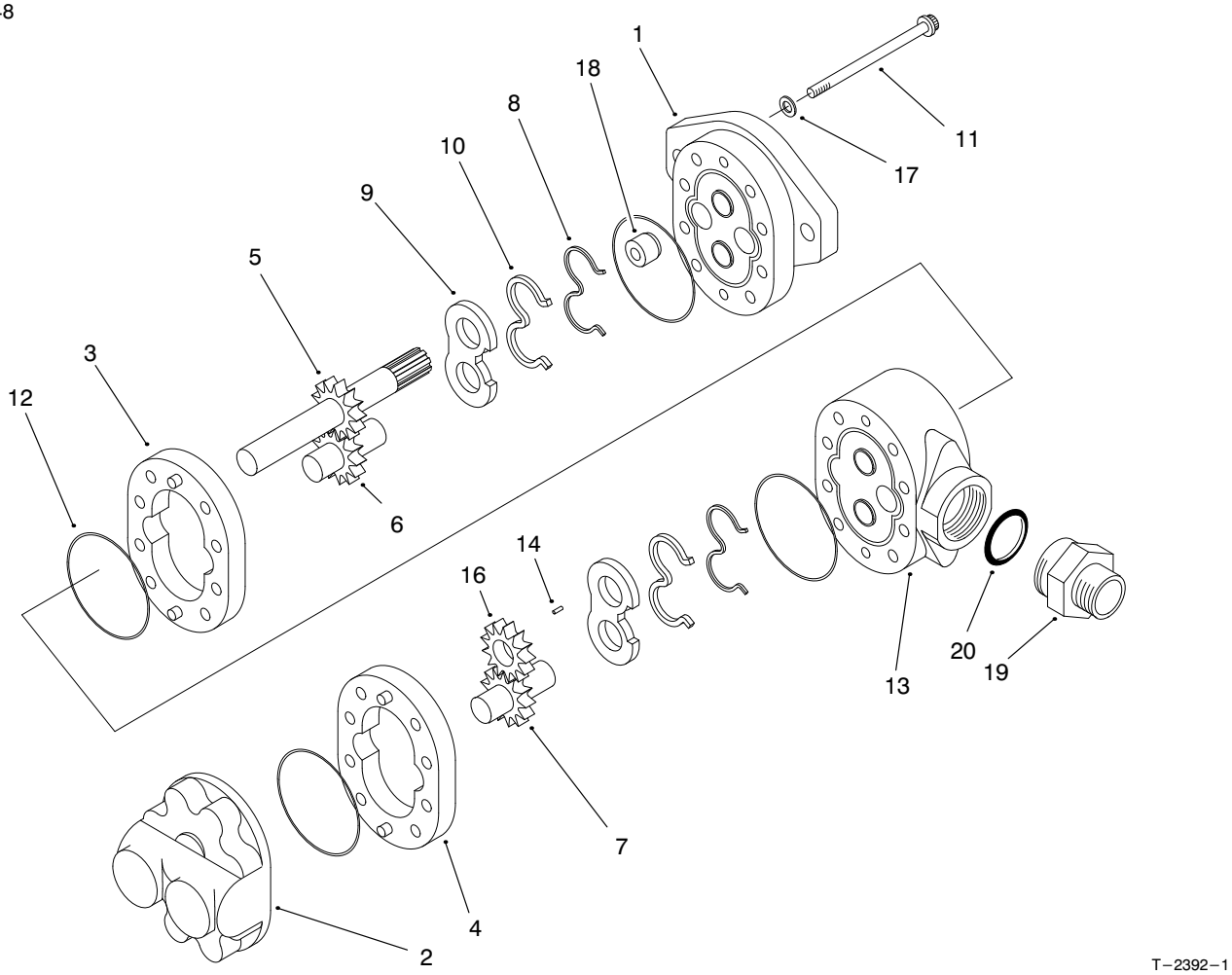


T−2227−6

HYDRAULIC PUMP & HYDROSTAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412−34	Clamp−Hose	2
2	60−3520	O−Ring	1
3	340−98	Fitting−Hydraulic 90˚ (Incl. Ref. #29−30)	1
4	93−2589	Hub−Pump	1
5	3241−6	Screw−HH	2
7	3256−3	Washer−Flat	4
8	80−8650	Coupling−Rubber	1
9	27−6600	Spacer−Coupling	4
10	93−2220	Pump Adapter	1
11	33114−020	Screw−HH	5
12	33114−030	Screw−HH	2
13	33024−00	Nut−Lock	2
14	33025−00	Nut−Lock	2
15	33115−040	Screw−HH	2
16	98−4609	Hydrostat	1
17	340−8	Fitting−Hydraulic (Incl. Ref. #32 & 34)	2
18	340−17	Fitting−Hydraulic 90˚ (Incl. Ref. #32 & 34)	1
19	3256−24	Washer−Flat	4
20	3274−1	Screw−HH	2
21	340−18	Fitting−Hydraulic (Incl. Ref. #29 & 31)	1
22	353−988	Plug (Incl. Ref. #29)	1
23	93−2252	Hose Assembly	1

Ref. No.	Part No.	Description	No. Used
24	99−1905	Hose−Pump Inlet	1
25	94−6384	Asm−Hose	1
26	94−5355	Asm−Hose	1
27	94−1332	Asm−Hose	1
28	95−0533	Gear Pump−2 Section	1
29	237−79	O−Ring	4
30	237−30	O−Ring	1
31	237−22	O−Ring	6
32	237−65	O−Ring	3
34	237−81	O−Ring	3
35	94−5356	Asm−Hose	1
36	340−115	Fitting−Tee	1
37	98−4606	Asm−Hose	1
38	340−77	Fitting−Hydraulic (Incl. Ref. #31 & 39	1
39	237−42	O−Ring	2
40	94−6385	Valve−Relief (Incl. Ref. #47)	1
41	3256−22	Washer−Flat	2
42	33113−050	Screw−HH	2
43	340−94	Fitting−Tee	1
44	94−6383	Asm−Hose	1
45	33023−00	Nut−Lock	2
46	94−6386	Cartridge−Relief Valve (Incl. Ref. #29 & 49−50)	1
49		O−Ring	1
50		Ring−Backup	1



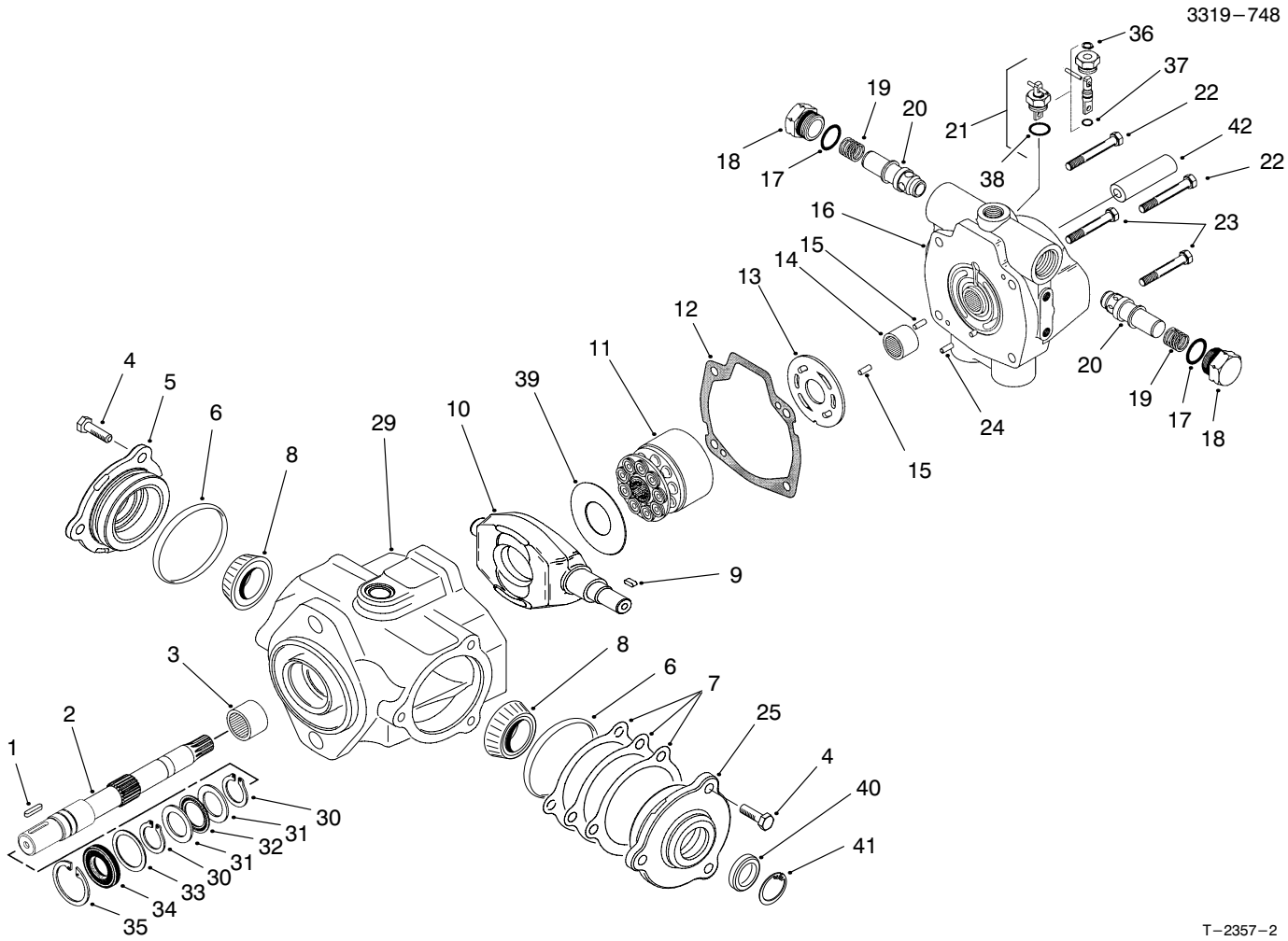
T−2392−1

GEAR PUMP ASSEMBLY NO. 95−0533

Ref. No.	Part No.	Description	No. Used
†1		Plate−Front	1
†2		Plate−Back	1
†3		Body	1
†4		Body	1
†5		Gear−Drive	1
†6		Gear−Idler	1
†7		Gear−Idler	1
†8		Gasket−Backup	2
†9		Plate−Wear	2
†10		Seal−Pressure	2
11	94−8158	Screw−Cap	8
†12		O−Ring	4

Ref. No.	Part No.	Description	No. Used
†13		Plate−Adapter	1
†14		Key	1
†15		Tube	1
†16		Gear	1
17	94−8160	Washer	4
18	94−3011	Plug	1
†19		Fitting−Suction	1
†20		O−Ring	1
*	94−8161	Kit−Seal Repair (Incl. Ref. #8−10,12, 14 & 20)	1

* Not Illustrated
† Not Serviced Separately



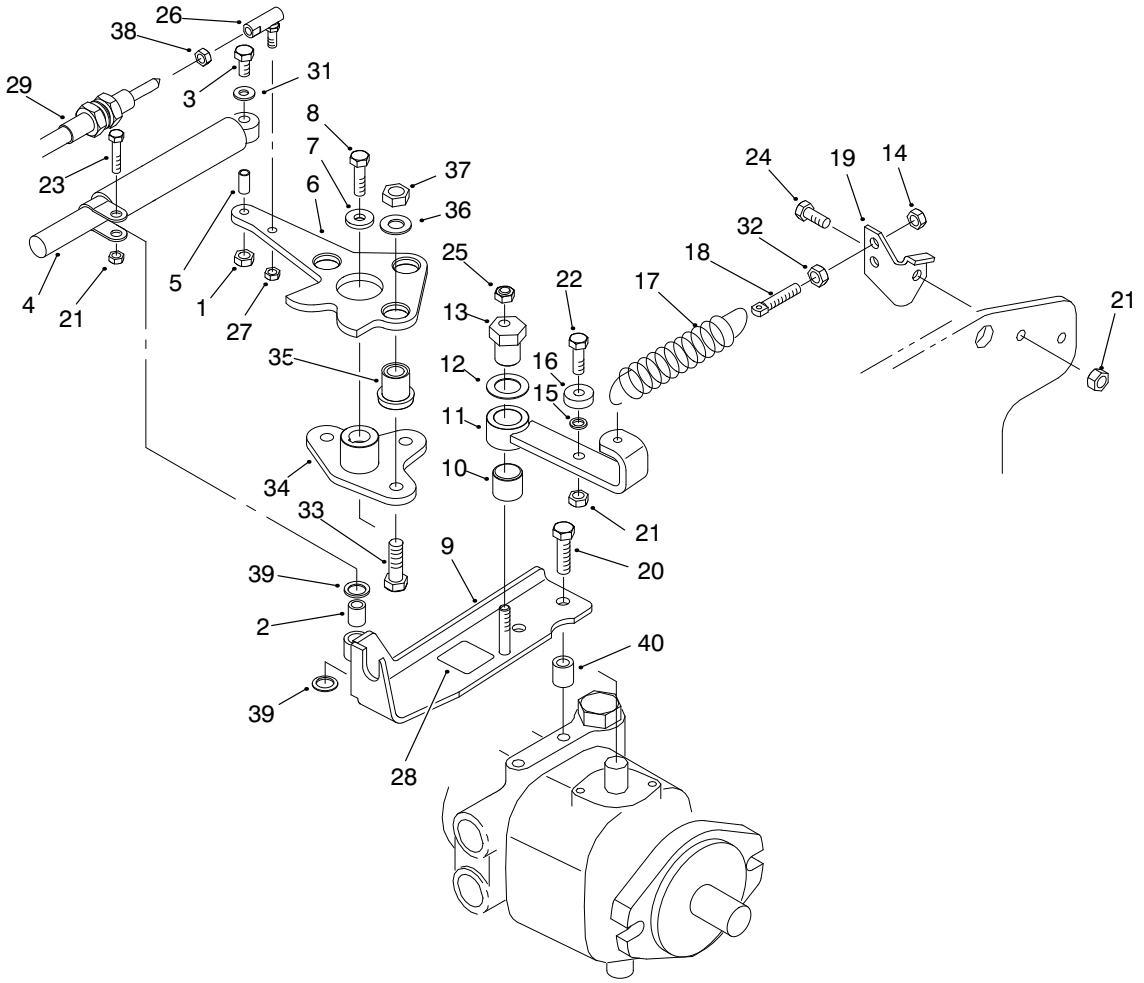
HYDROSTAT ASSEMBLY NO. 98−4609

Ref. No.	Part No.	Description	No. Used
1	94−3645	Key	1
2	94−6359	Shaft−Drive	1
3	94−6363	Bearing	1
4	98−4640	Screw−Cap	4
5	98−4633	Asm−Cover Plate	1
†6		Seal	1
7		Shim	A/R
8	98−4639	Bearing−Cone	2
9	94−3646	Key	1
10	98−4637	Plate−Cam	1
11	76−6070	Asm−Rotating Kit	1
†12	33−4930	Gasket	1
13	94−6360	Plate−Valve	1
14	94−6368	Bearing	1
15	76−6150	Pin−Dowel	2
16	98−4641	Asm−Back Plate (Incl. Ref. #14 & 24)	1
†17		O−Ring	4
18	70−1240	Asm−Plug (Incl. Ref. #17)	2
19	76−6200	Spring	2
20	94−3644	Seat	2

Ref. No.	Part No.	Description	No. Used
21	94−3650	Asm−Dump Valve	1
22	76−6170	Screw−Cap	2
23	76−6160	Screw−Cap	2
†24		Pin−Roll	1
25	98−4634	Asm−Cover Plate	1
29	98−4638	Asm−Housing (Incl. Ref. #3)	1
30	32151−29	Ring−Retaining	2
31	252−71	Race−Bearing	2
32	252−66	Bearing−Thrust	1
33	33−3720	Washer	1
34	42−2720	Seal−Shaft	1
35	32151−13	Ring−Retaining	1
†36		Ring−Retaining	1
†37		O−Ring	1
†38		O−Ring	1
39	98−4635	Insert−Camplate	1
†40		Seal−Shaft	1
†41		Ring−Retaining	1
*	98−4636	Kit−Seal Repair (Incl. Ref. #6, 12, 17, 30, 34−38 & 40−41)	1

* Not Illustrated
† Not Serviced Separately

3319−748

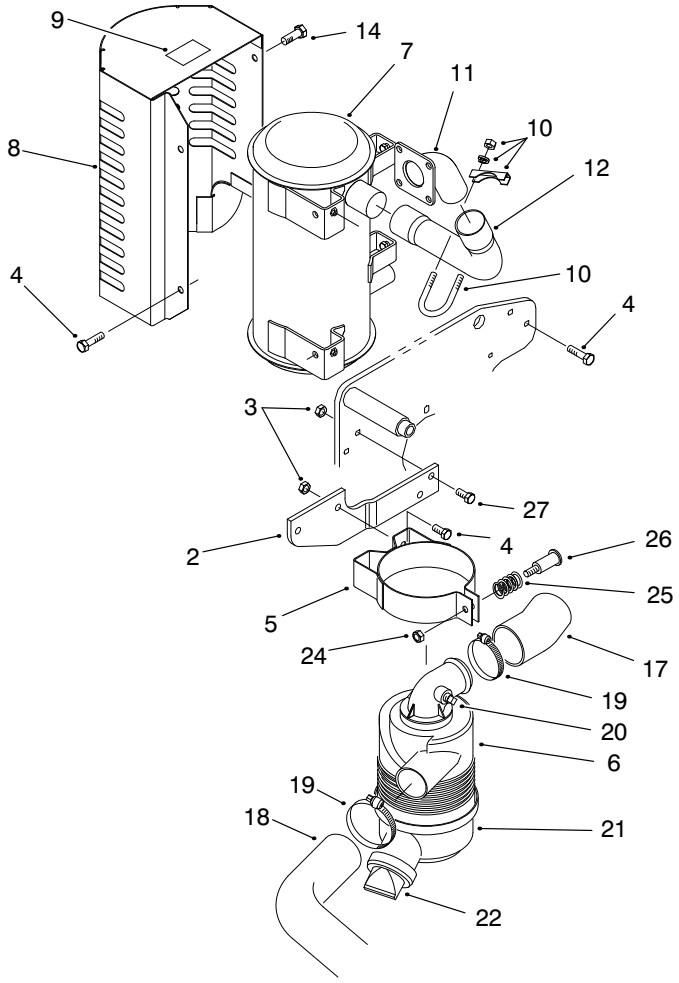


T−2228−3

NEUTRAL SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	33023−00	Nut−Lock	1
2	94−8197	Tube−Pivot	1
3	33113−030	Screw−HH	1
4	76−8870	Asm−Lever Damper	1
5	94−1312	Spacer−Pivot	1
6	94−3488	Pump Lever	1
7	88−7200	Washer−Pivot	1
8	3210−6	Screw−HH	1
9	94−9603	Cable Support	1
10	94−9609	Bushing−Straight	1
11	94−4527	Neutral Arm	1
12	3−6498	Washer−Thrust	1
13	93−2111	Stud−Traction	1
14	3296−4	Nut−Lock	1
15	75−5470	Spacer	1
16	251−259	Bearing−Ball	1
17	94−1369	Spring−Ext.	1
18	18−6380	Pin	1
19	98−4607	Bracket−Spring	1
20	323−8	Screw−HH	2

Ref. No.	Part No.	Description	No. Used
21	33024−00	Nut−Lock	3
22	33114−025	Screw−HH	1
23	33114−030	Screw−HH	1
24	33114−020	Screw−HH	1
25	3296−29	Nut−Hex	1
26	2411−34	Ball Joint	1
27	3296−13	Nut−Lock	1
28	93−9051	Decal−Eccentric Bolt	1
29	93−2099	Cable−Traction Control	1
31	3256−22	Washer−Flat	1
32	3220−2	Nut−Jam	1
33	33115−035	Screw−HH	3
34	94−3486	Plate	1
35	63−9750	Mount−Rubber	3
36	2844	Washer	3
37	33025−00	Nut−Lock	3
38	3220−1	Nut−Jam	1
39	94−8196	Washer−Nylon	2
40	92−5723	Bushing	2



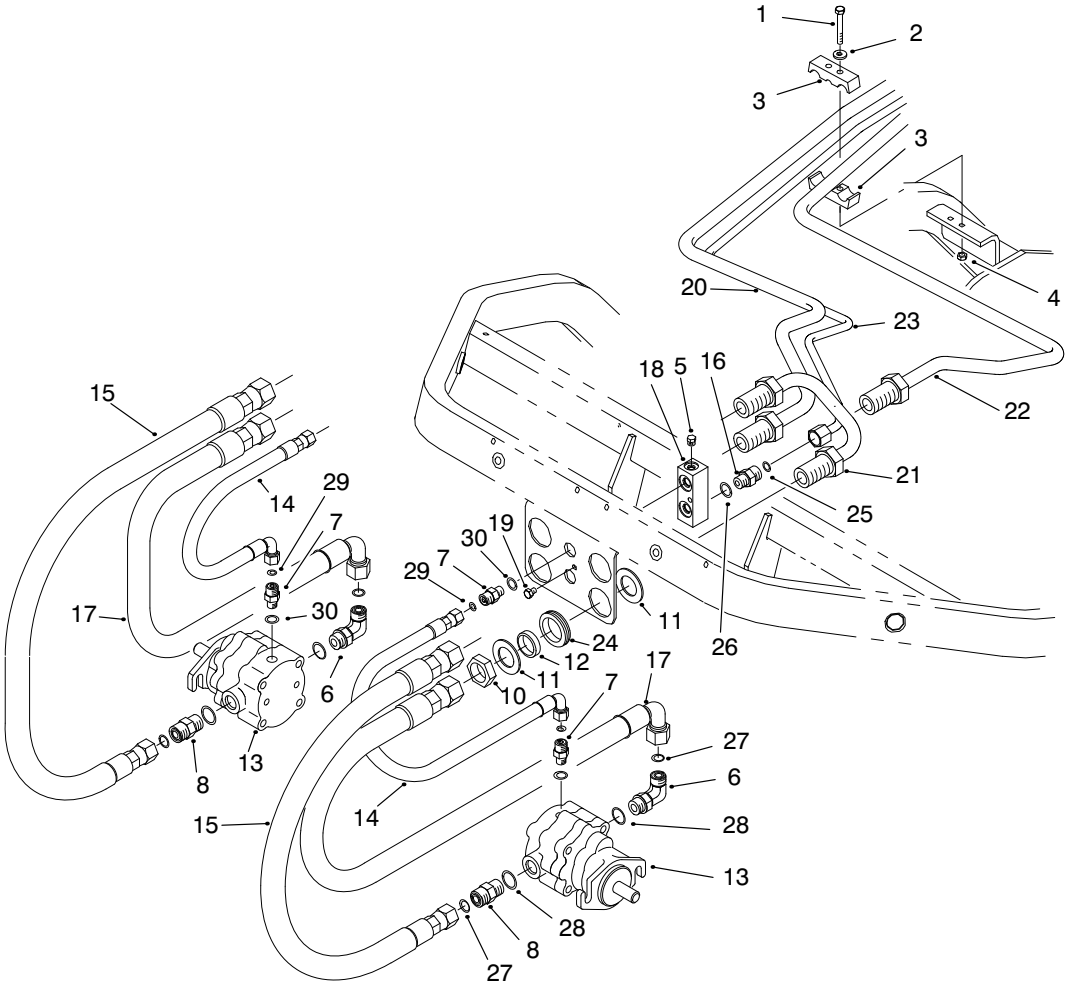
T−2237−3

MUFFLER & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	94−5359	Bracket−Air Cleaner	1
3	33024−00	Nut−Lock	4
4	33114−020	Screw−HH	8
5	93−2191	Asm−Mounting Band (Incl. Ref. #24−26)	1
6	93−2190	Asm−Air Cleaner (Incl. Ref. #20−23)	1
7	94−8153	Muffler	1
*	94−8157	Arrestor−Spark (Optional)	1
8	94−9629	Asm−Muffler Shield (Incl. Ref. #9)	1
9	93−8069	Decal−Hot Surface	1
10	2112−9	Clamp	2

Ref. No.	Part No.	Description	No. Used
11	93−2188	Exhaust Bracket	1
12	93−2181	Pipe−Exhaust	1
17	93−2194	Hose−Air Cleaner	1
18	93−2035	Hose−Air Cleaner	1
19	2412−92	Clamp−Hose	2
20	285−17	Plug	1
21	94−3652	Asm−Cover	1
22	94−1414	Valve	1
*23	93−2195	Element−Air Cleaner	1
24	48−9510	Nut−Lock	1
25	94−3654	Spring−Compression	1
26	94−3653	Bolt	1
27	33114−025	Screw−HH	2

* Not Illustrated

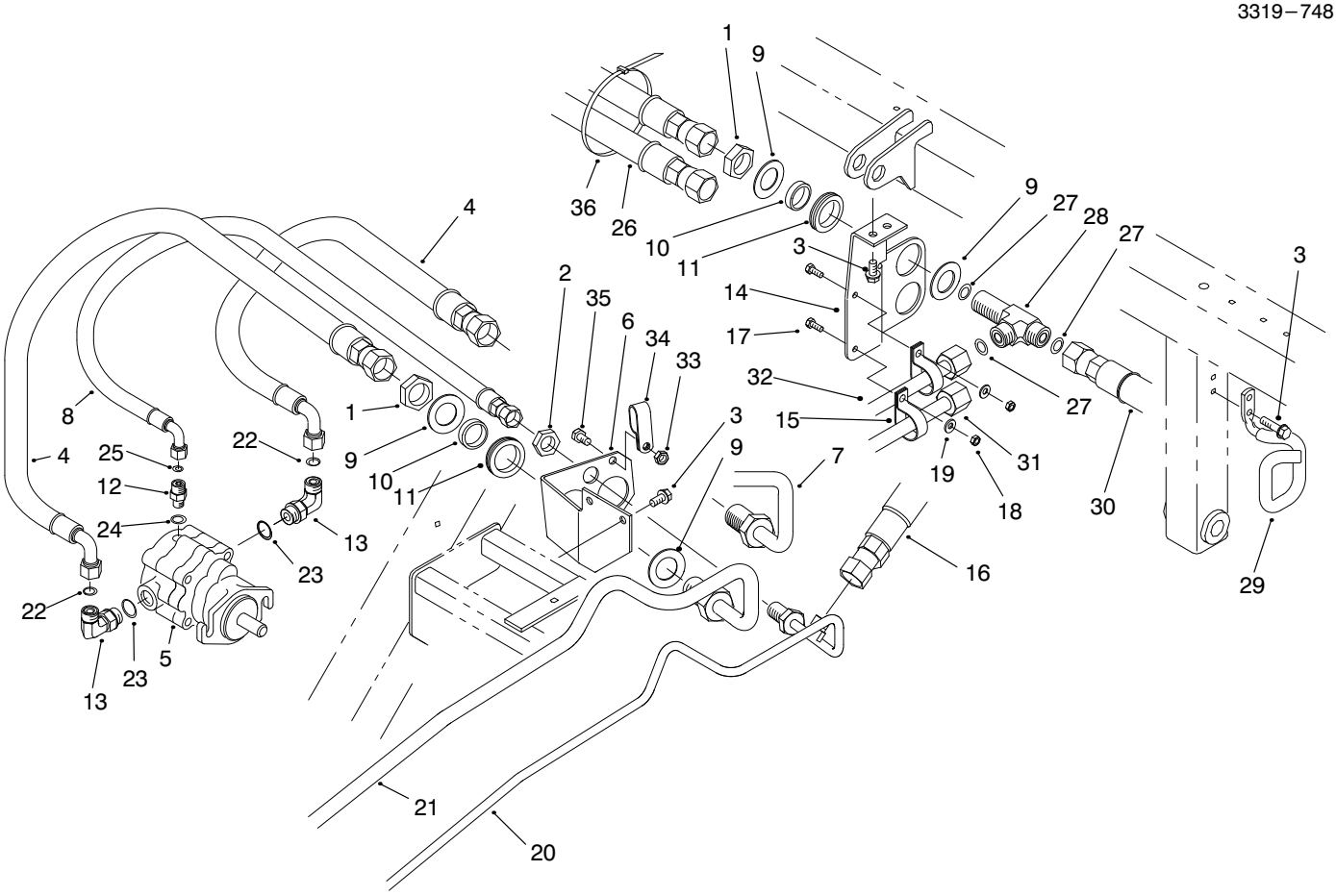


T−2240−1

REEL MOTOR INSTALLATION ASSEMBLY−R.H. & L.H.

Ref. No.	Part No.	Description	No. Used
1	33113−050	Screw−HH	2
2	3256−1	Washer−Flat	2
3	93−2509	Clamp−Tube	2
4	33023−00	Nut−Lock	2
5	353−991	Plug	1
6	340−98	Fitting−Hydraulic 90˚ (Incl. Ref. #27−28)	2
7	340−92	Fitting−Hydraulic (Incl. Ref. #29−30)	4
8	340−4	Fitting−Hydraulic (Incl. Ref. #27−28)	2
10	340−74	Nut−Bulkhead	4
11	69−9010	Washer	8
12	69−9000	Spacer	4
13	93−1375	Reel Motor	2
14	93−2264	Asm−Hose	2
15	95−2908	Asm−Hose	2

Ref. No.	Part No.	Description	No. Used
16	340−2	Fitting−Hydraulic (Incl. Ref. #25−26)	1
17	95−2909	Asm−Hose	2
18	93−2238	T−Block (Incl. Ref. #5)	1
19	33113−008	Screw−HH	1
20	94−1318	Tube−Hydraulic	1
21	94−1319	Tube−Hydraulic	1
22	94−1320	Tube−Hydraulic	1
23	94−1321	Tube−Hydraulic	1
24	240−3	Grommet−Rubber	4
25	237−22	O−Ring	1
26	237−42	O−Ring	1
27	237−30	O−Ring	4
28	237−79	O−Ring	4
29	237−21	O−Ring	4
30	237−78	O−Ring	4

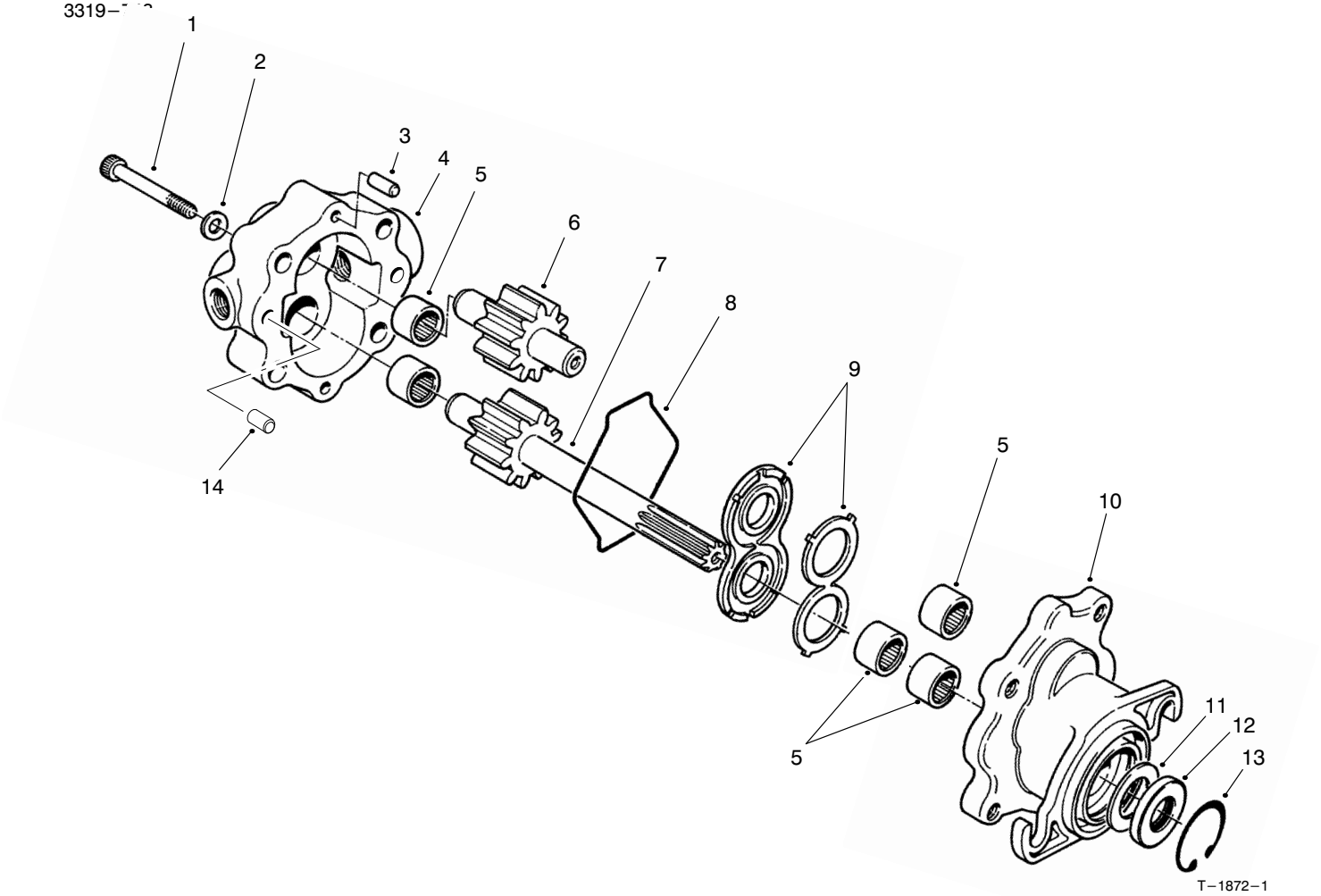


T–2241–3

REEL MOTOR INSTALLATION ASSEMBLY–REAR

Ref. No.	Part No.	Description	No. Used
1	340–74	Nut–Bulkhead	4
2	340–70	Nut–Bulkhead	1
3	32144–14	Screw–HH	6
4	95–2907	Asm–Hose	2
5	93–1375	Reel Motor	1
6	94–1316	Bracket–Bulkhead	1
7	94–1317	Tube–Hydraulic	1
8	94–1328	Asm–Hose	1
9	69–9010	Washer	8
10	69–9000	Spacer	4
11	240–3	Grommet–Rubber	4
12	340–92	Fitting–Hydraulic (Incl. Ref. #24–25)	1
13	340–98	Fitting–Hydraulic 90° (Incl. Ref. #22–23)	2
14	94–8155	Bracket–Bulkhead	1
15	2412–134	Clamp–R	2
16	94–4539	Asm–Hose	1
17	33113–020	Screw–HH	2
18	33023–00	Nut–Lock	2

Ref. No.	Part No.	Description	No. Used
19	3256–22	Washer–Flat	2
20	94–1321	Tube–Hydraulic	1
21	94–1318	Tube–Hydraulic	1
22	237–30	O–Ring	2
23	237–79	O–Ring	2
24	237–78	O–Ring	1
25	237–21	O–Ring	1
26	94–5357	Asm–Hose	2
27	237–65	O–Ring	3
28	94–5350	Fitting–Bulkhead Tee (Incl. Ref. #27)	2
29	94–5352	Retainer–Hose	1
30	94–5358	Asm–Hose	2
31	94–5353	Tube–Hydraulic	1
32	94–5354	Tube–Hydraulic	1
33	33024–00	Nut–Lock	1
34	2412–137	Clamp–Tube, Double	1
35	33114–020	Screw–HH	1
36	3290–378	Tie–Cable	1

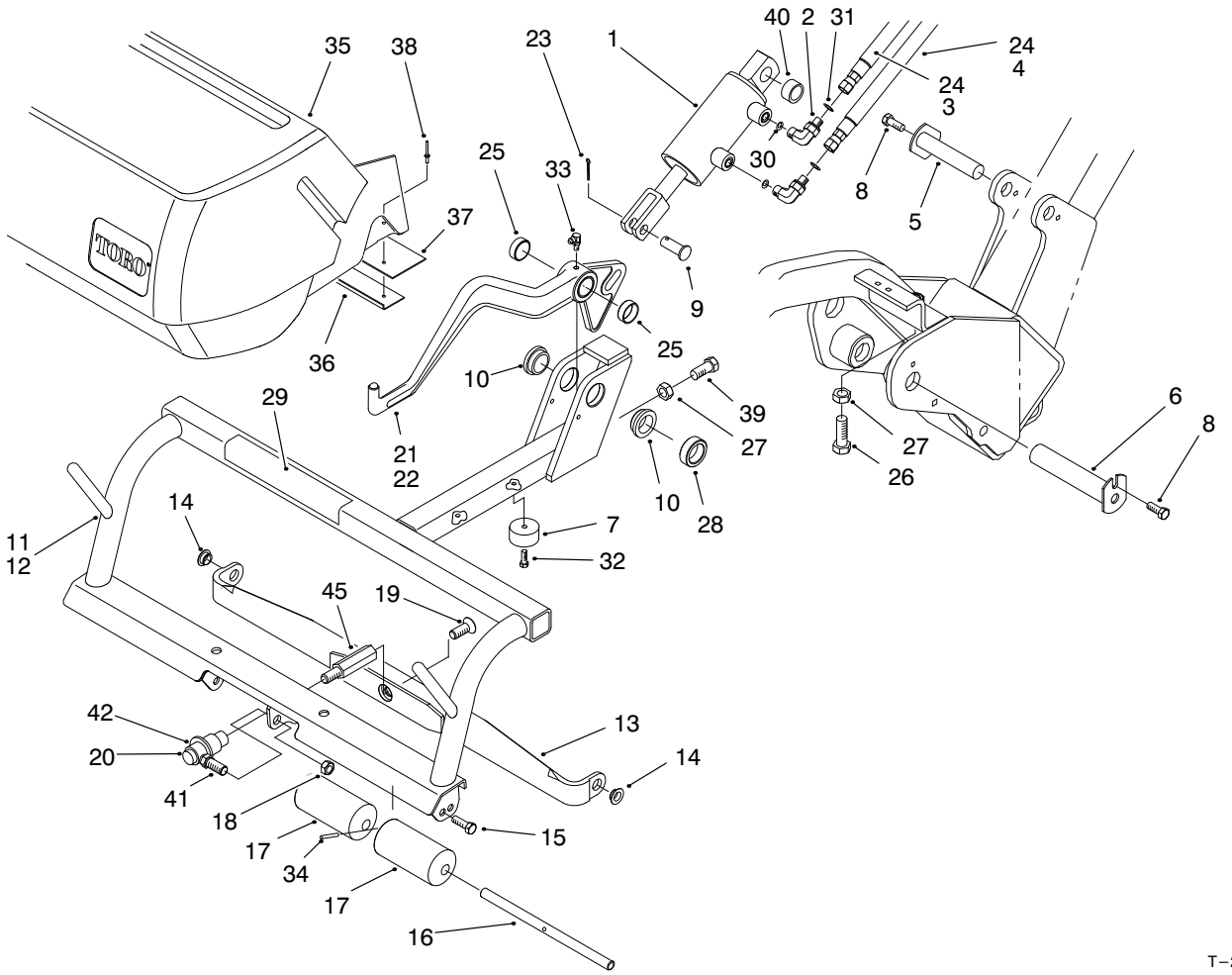


REEL MOTOR ASSEMBLY NO. 93−1375

Ref. No.	Part No.	Description	No. Used
1	354−50	Screw−Hex Socket Hd.	4
2	354−51	Washer	4
3	353−599	Pin−Dowel	2
4	93−3614	Asm−Cover	
		(Incl. Ref. #5)	1
†5		Bearing−Needle	5
6	93−3616	Asm−Idler Gear	1
7	93−3615	Asm−Drive Shaft	1
8	354−46	Ring−Seal	1

Ref. No.	Part No.	Description	No. Used
9	74−3810	Asm−Load Plate	1
10	92−8795	Asm−Body	
		(Incl. Ref. #5)	1
†11		Spacer	1
†12		Seal−Shaft	1
13	32151−41	Ring−Retaining	1
14	92−8796	Pin−Dowel	2
*	92−8863	Kit−Repair	
		(Incl. Ref. #8, & 11−13)	1

* Not Illustrated
† Not Serviced Separately



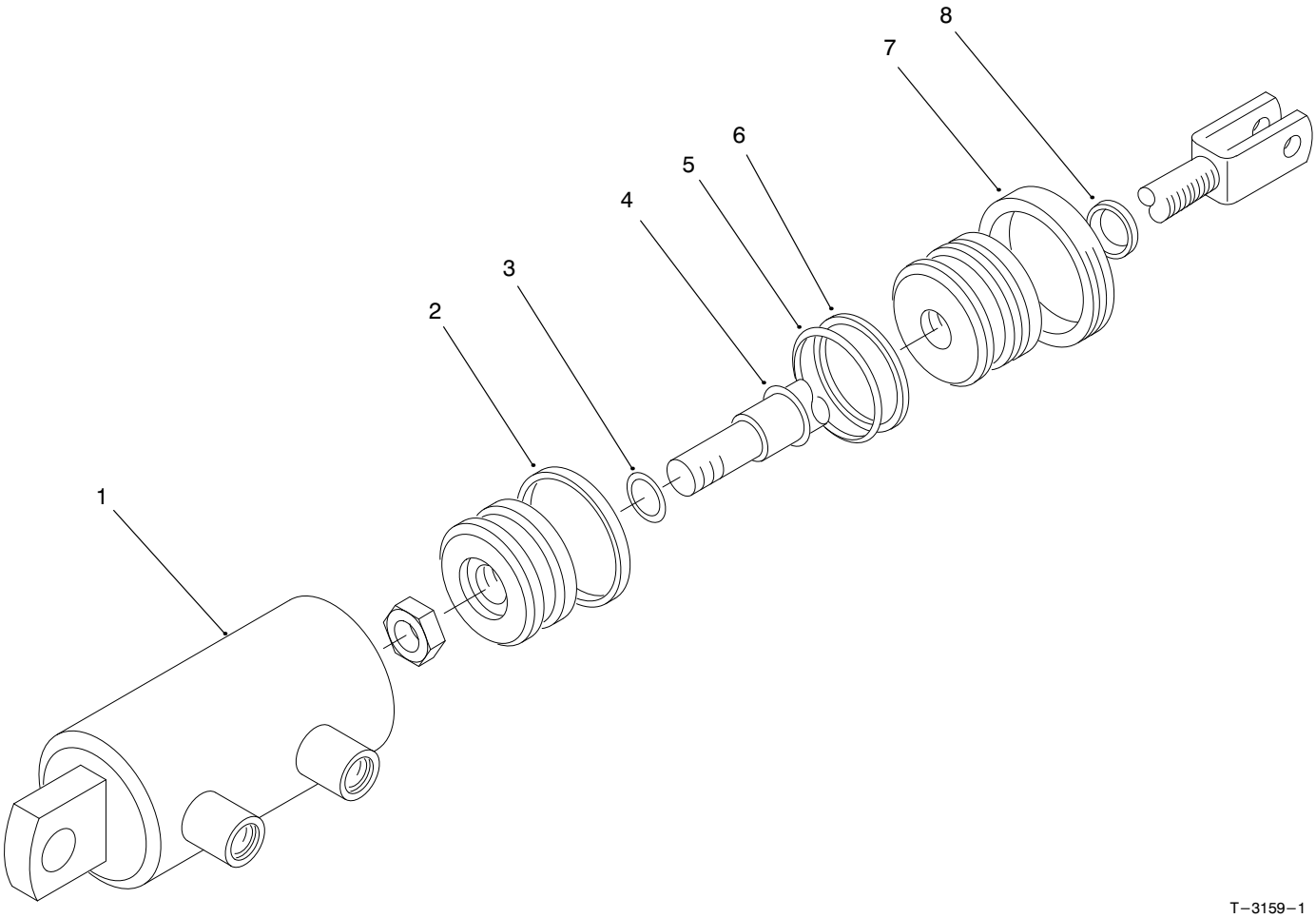
T−2230−7

PULL FRAME ASSEMBLY−R.H. & L.H.

Ref. No.	Part No.	Description	No. Used
1	99−8158	Asm−Hydraulic Cylinder	2
2	340−132	Fitting−Hydraulic 90˚ (Incl. Ref. #30−31)	4
3	93−2255	Asm−Hose	1
4	93−2256	Asm−Hose	1
5	10−6060	Pin−Ram Pivot	2
6	94−8198	Asm−Carrier Pin	2
7	94−4548	Bumper	2
8	32144−14	Screw−HH	4
9	283−8	Pin−Clevis	2
10	94−9610	Bushing−Flange	4
11	99−1455	Carrier−RH (Incl. Ref. #10 & 29)	1
12	99−1454	Carrier−LH (Incl. Ref. #10 & 29)	1
13	98−4624	Pull Arm	2
14	93−2368	Bushing−Flange	4
15	3211−2	Screw−HH	8
16	93−2363	Shaft−Roller	8
17	93−2362	Roller−Anti Scalp	8
18	3296−19	Nut−Lock	2
19	98−2178	Screw	2
20	94−9647	Ball Joint (Incl. Ref. #41 & 42)	2
21	98−2174	Lift Arm−RH	1
22	98−2176	Lift Arm−LH	1
23	3272−11	Pin−Cotter	2
24	93−2254	Asm−Hose	2
25	92−8995	Bushing−Straight	4
26	325−6	Screw−HH	2
27	3218−5	Nut−Jam	4
28	93−2384	Spacer−Carrier	2
29	93−8064	Decal−Warning	2
30	237−78	O−Ring	4
31	237−21	O−Ring	4
32	32144−44	Screw−HWH	2
33	302−60	Fitting−Grease 90˚	2
34	32121−6	Pin−Roll	4
35	98−2199	Asm−Grass Basket (Incl. Ref. #36−38)	2
36	95−2903	Angle−Basket Seal	2
37	93−2551	Seal−Basket	2
38	3290−382	Rivet−Pop	16
39	325−4	Screw−HH	2
40	74−3730	Spacer	2
41	94−9648	Ball Stud	2
42	98−2179	Asm−Shell & Housing	2
45	98−0632	Adapter−Pull Link	2
*	65−8320	Bar−gauge	1
†*	99−1456	Pad	3

* Not Illustrated

† To be installed on cutting unit grass shields as required.



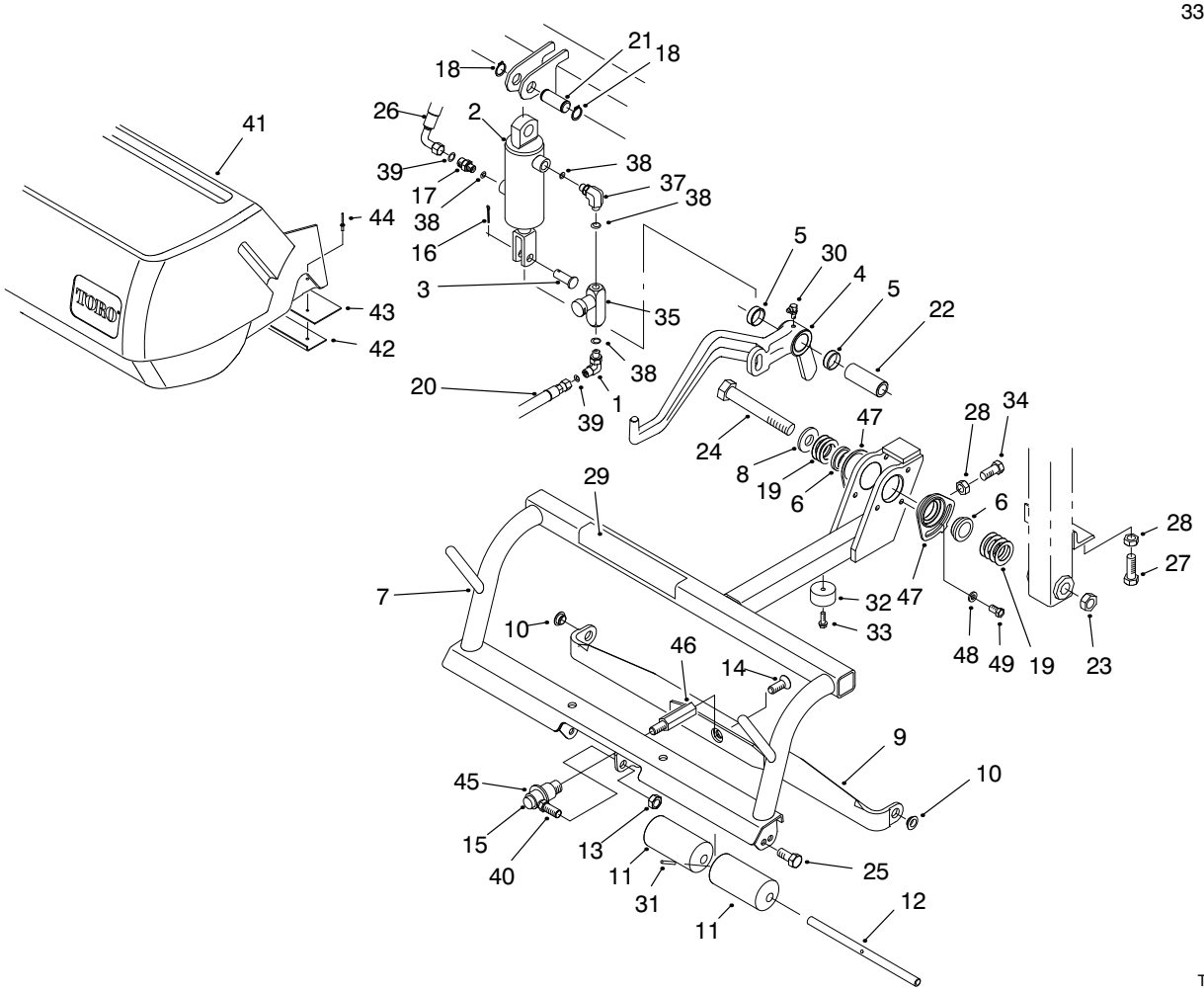
T−3159−1

HYDRAULIC CYLINDER NO. 99−8158

Ref. No.	Part No.	Description	No. Used
†1		Barrel	1
†2		Uniring	1
†3		O−Ring	1
†4		Seal−Rod	1
†5		O−Ring	1

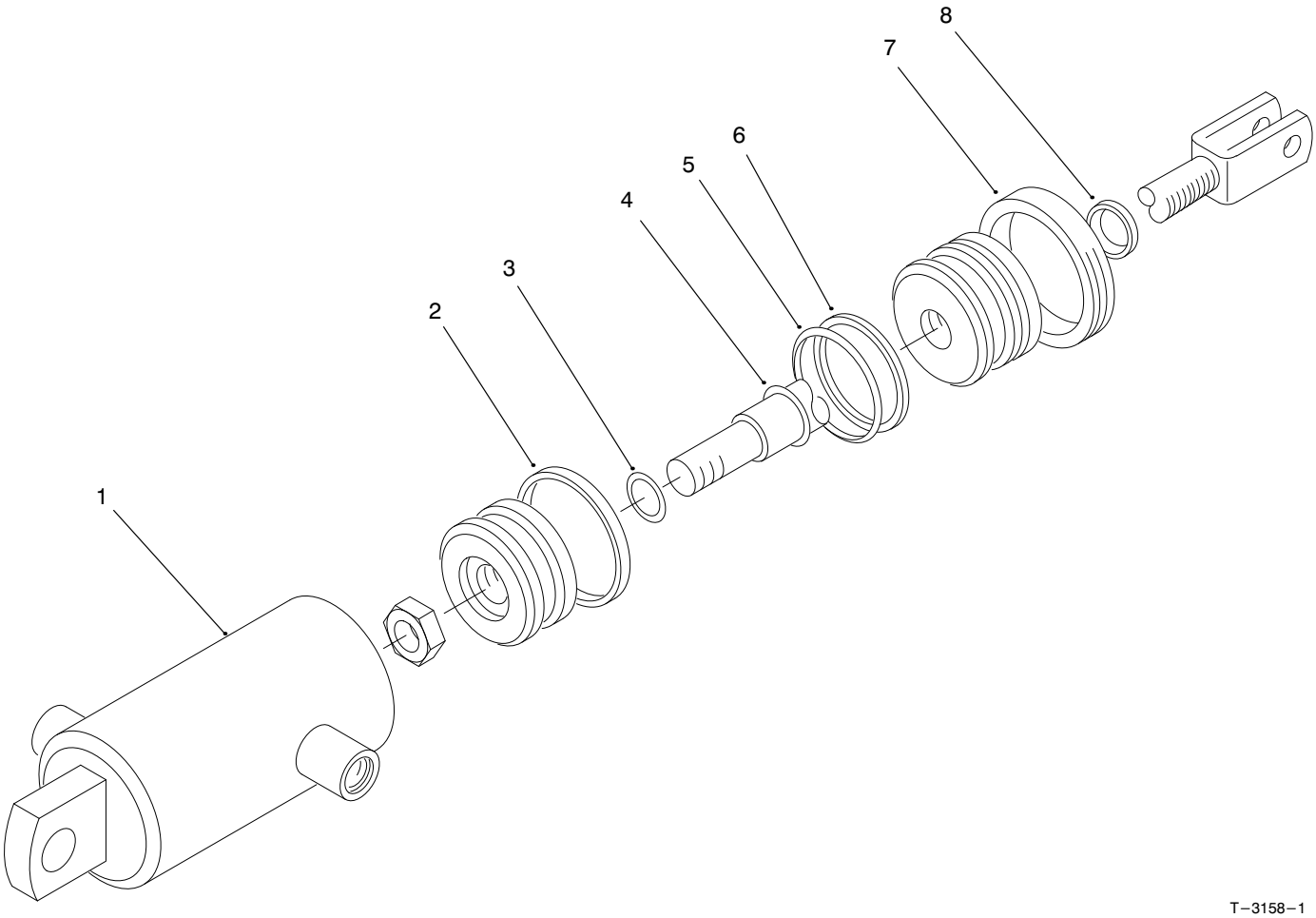
Ref. No.	Part No.	Description	No. Used
†6		Washer−Back−Up	1
7		Collar−Internal	1
†8		Seal−Dust	1
*	99−8162	Kit−Seal, Repair (Incl. Ref. #2−6 & 8)	1

† Not Serviced Separately



PULL FRAME ASSEMBLY–REAR

Ref. No.	Part No.	Description	No. Used
1	340–132	Fitting–Hydraulic 90° (Incl. Ref. #38–39)	1
2	99–8157	Asm–Hydraulic Cylinder	1
3	283–8	Pin–Clevis	1
4	93–2403	Lift Arm–Center	1
5	92–8995	Bushing–Straight	2
6	94–9610	Bushing–Flange	2
7	99–1453	Asm–Center Carrier (Incl. Ref. #29)	1
8	3256–7	Washer–Flat	1
9	94–3483	Pull Arm	1
10	93–2368	Bushing–Flange	2
11	93–2362	Roller–Anti Scalp	4
12	93–2363	Shaft–Roller	2
13	3296–19	Nut–Lock	1
14	3213–1	Screw–HH	1
15	94–9647	Ball Joint (Incl. Ref. #40)	1
16	3272–11	Pin–Cotter	1
17	95–1639	Fitting–Hydraulic (Incl. Ref. #38–39)	1
18	32120–72	Ring–Retaining, Ext.	2
19	63–2290	Washer–Thrust	1
20	93–2258	Asm–Hose	1
21	94–3452	Pin–Cylinder	1
22	94–8199	Tube–Pivot	1
23	3296–53	Nut–Hex	1
24	327–17	Screw–HH	1
25	3211–2	Screw–HH	4
26	94–3477	Asm–Hose	1
27	325–6	Screw–HH	1
28	3218–5	Nut–Jam	2
29	93–8064	Decal–Warning	1
30	302–60	Fitting–Grease 90°	1
31	32121–6	Pin–Roll	2
32	94–4548	Bumper	1
33	32144–44	Screw–HWH	1
34	325–4	Screw–HH	1
35	93–7489	Valve–Flow Control	1
37	95–2927	Fitting–Hydraulic 90° (Incl. Ref. #38)	1
38	237–78	O–Ring	4
39	237–21	O–Ring	2
40	94–9648	Ball Stud	1
41	98–2199	Asm–Grass Basket (Incl. Ref. #42–44)	1
42	95–2903	Angle–Basket Seal	1
43	93–2551	Seal–Basket	1
44	3290–382	Rivet–Pop	8
45	98–2179	Asm–Shell & Housing	1
46	98–0632	Adapter–Pull Link	1
47	98–4618	Bushing–Eccentric	2
48	3256–74	Washer–Flat	2
49	33114–016	Screw–HH	2



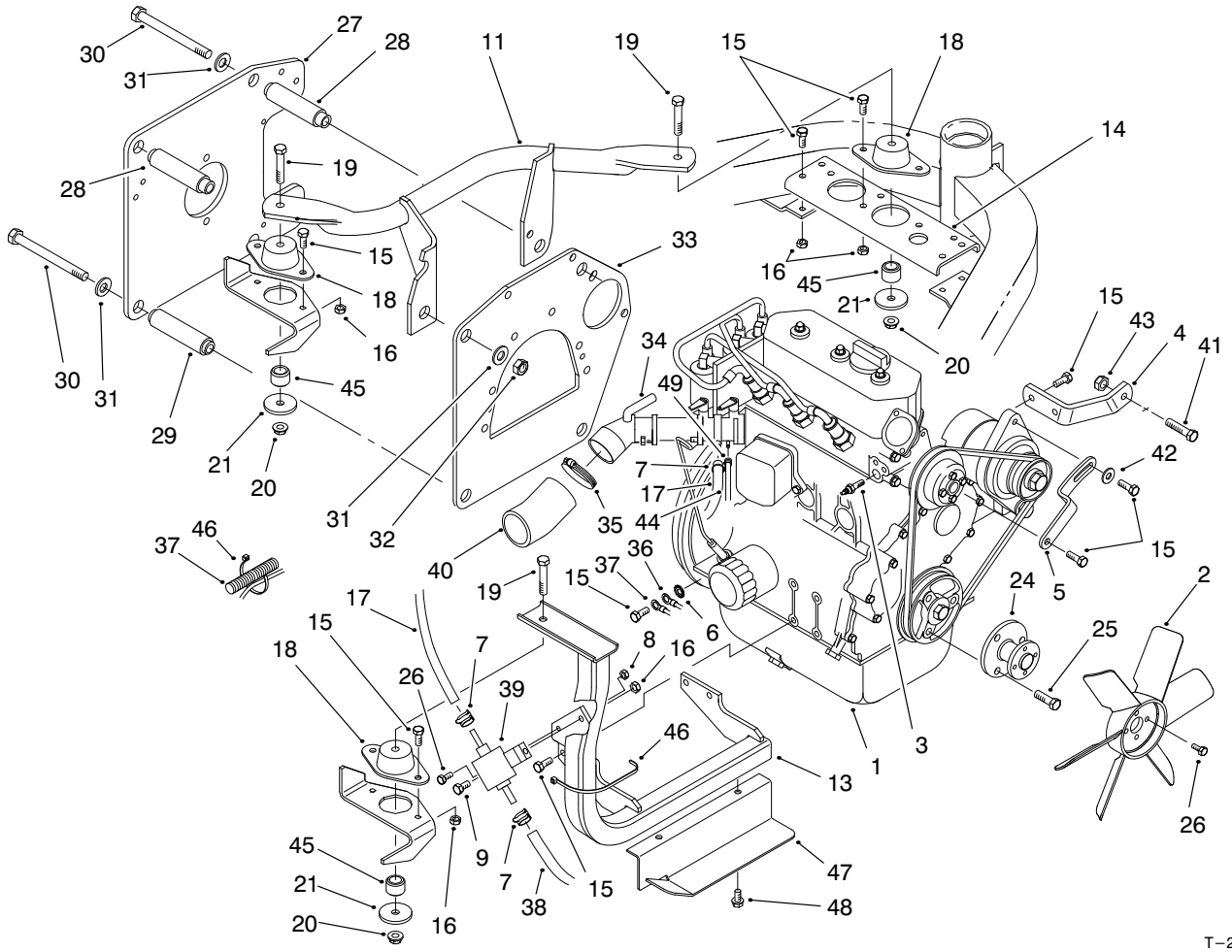
T−3158−1

HYDRAULIC CYLINDER NO. 99−8157

Ref. No.	Part No.	Description	No. Used
†1		Barrel	1
†2		Uniring	1
†3		O−Ring	1
†4		Seal−Rod	1
†5		O−Ring	1

Ref. No.	Part No.	Description	No. Used
†6		Washer−Back−Up	1
7		Collar−Internal	1
†8		Seal−Dust	1
*	99−8163	Kit−Seal, Repair (Incl. Ref. #2−6 & 8)	1

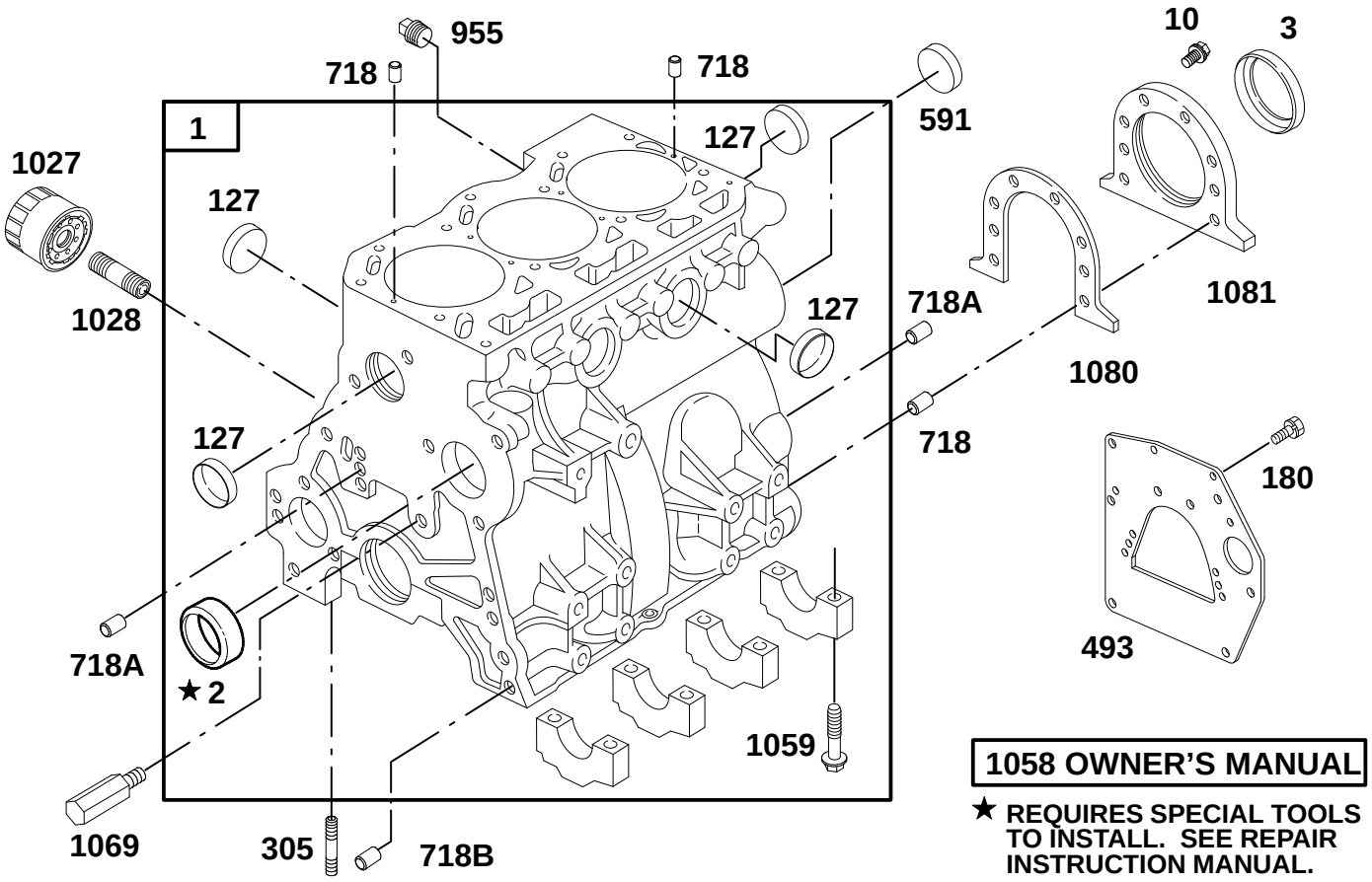
† Not Serviced Separately



ENGINE INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93−2200	Engine−Daihatsu (Incl. Ref. #2−5, 33−34 & 39)	1
2	93−2090	Fan−Engine	1
3	94−3457	Sender−Temperature	1
4	93−2445	Bracket−Alternator, Lower	1
5	93−2446	Bracket−Alternator, Upper	1
6	3254−2	Washer−Lock, Int	1
7	2412−98	Clamp−Hose	3
8	33023−00	Nut−Lock	1
9	33114−016	Screw−HH	1
11	93−2210	Engine Mount−Rear	1
13	93−2205	Engine Mount−Front	1
14	93−2020	Bracket−Support	1
15	33114−020	Screw−HHF	19
16	33024−00	Nut−Lock	11
17	93−2229	Hose−Fuel	1
18	83−1030	Mount−Engine	3
19	323−11	Screw−HH	3
20	3290−357	Nut−Flange	3
21	41−4430	Plate−Washer	3
24	93−2153	Adapter−Fan	1
25	70−8470	Screw	3
26	33113−016	Screw−HH	5

Ref. No.	Part No.	Description	No. Used
27	98−4608	Plate−Pump	1
28	93−2588	Spacer−Upper	2
29	93−2174	Spacer−Lower	2
30	33116−130	Screw−HH	4
31	3256−26	Washer−Flat	8
32	33026−00	Nut−Lock	4
33		Plate−Backing	1
34		Adapter−Carburetor	1
35	2412−92	Clamp−Hose	1
36	93−2344	Cable−Battery, Negative	1
37	93−2349	Harness−Wire	1
38	93−2228	Hose−Fuel	1
39		Pump−Fuel	1
40	93−2194	Hose−Air Cleaner	1
41	33115−050	Screw−HH	1
42	3256−3	Washer−Flat	1
43	33025−00	Nut−Lock	1
44	70−1910	Hose−Fuel	1
45	94−4538	Spacer−Mount	3
46	3290−378	Tie−Cable	2
47	94−8156	Shield−Dust	1
48	32144−14	Screw−HWH	2
49	94−8188	Clamp−Hose	1



1058 OWNER'S MANUAL

★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.

Assemblies include all parts shown in frames.

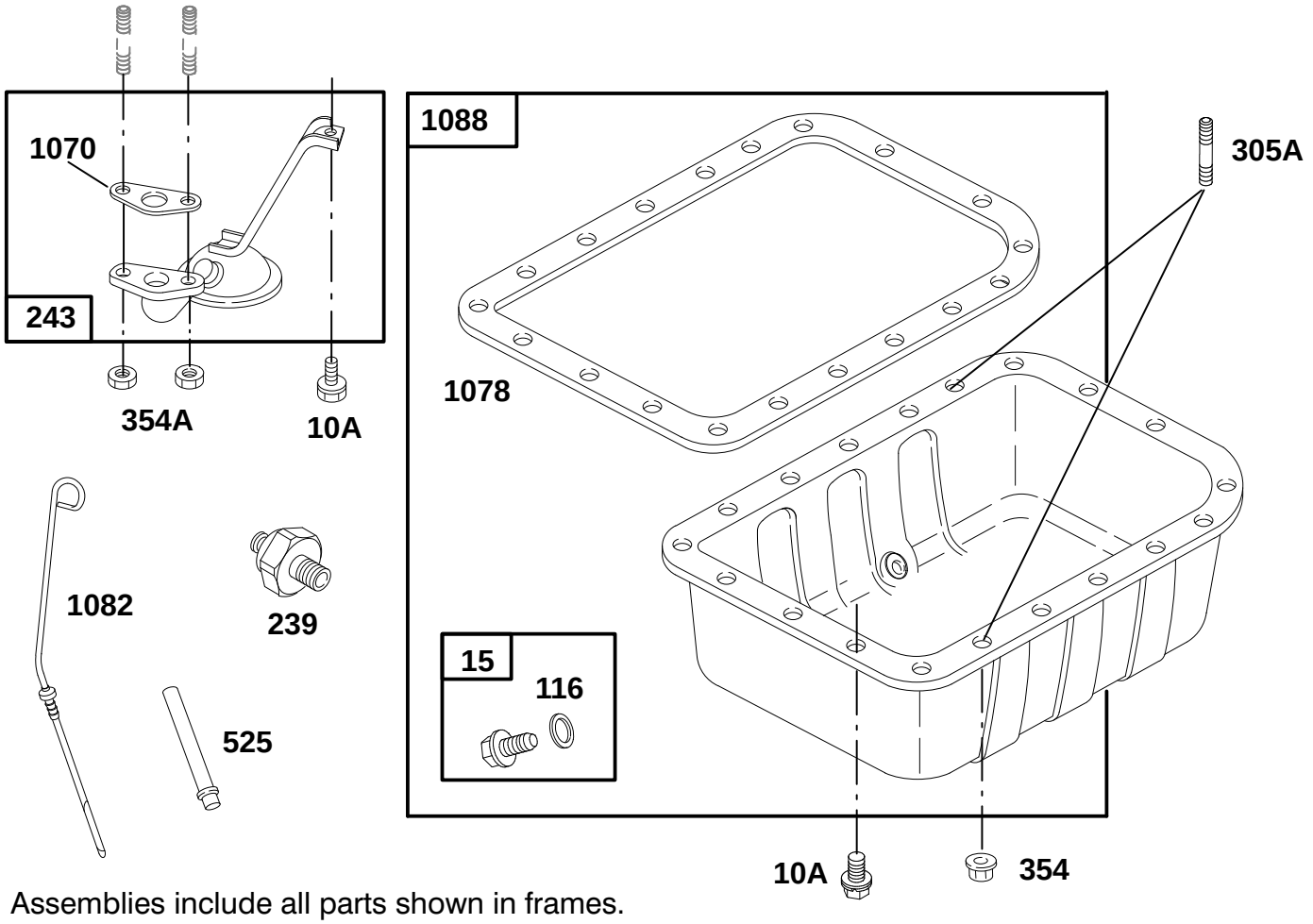
ENGINE BRIGGS & STRATTON MODEL 433447–0115–A1‡

Ref. No.	Part No.	Description	No. Used
1	825027	Cylinder Assembly	1
2	820129	Bushing	1
3	820056	Seal–Oil	1
10	820031	Screw–Hex.	6
127	820004	Plug–Welch	7
180	820176	Screw–Hex.	3
305	820016	Stud–Std.	1
493	820283	Bracket–Mounting	1
591	820151	Plug–Camshaft	1
718	820063	Pin–Locating	4

Ref. No.	Part No.	Description	No. Used
718A	820062	Pin–Locating	3
718B	820061	Pin–Locating	2
955	820051	Plug	1
1027	491056	Filter–Oil	1
1028	820050	Adapter–Oil Filter	1
1058	820154	Owner's Manual	1
1059	820042	Screw–Hex.	8
1069	820102	Nozzle–Oil	1
†1080	820145	Gasket–Retainer	1
1081	820146	Retainer–Sea	1

† Not Serviced Separately

‡ NOTE: Obtain replacement parts from your local Briggs & Stratton Dealer.



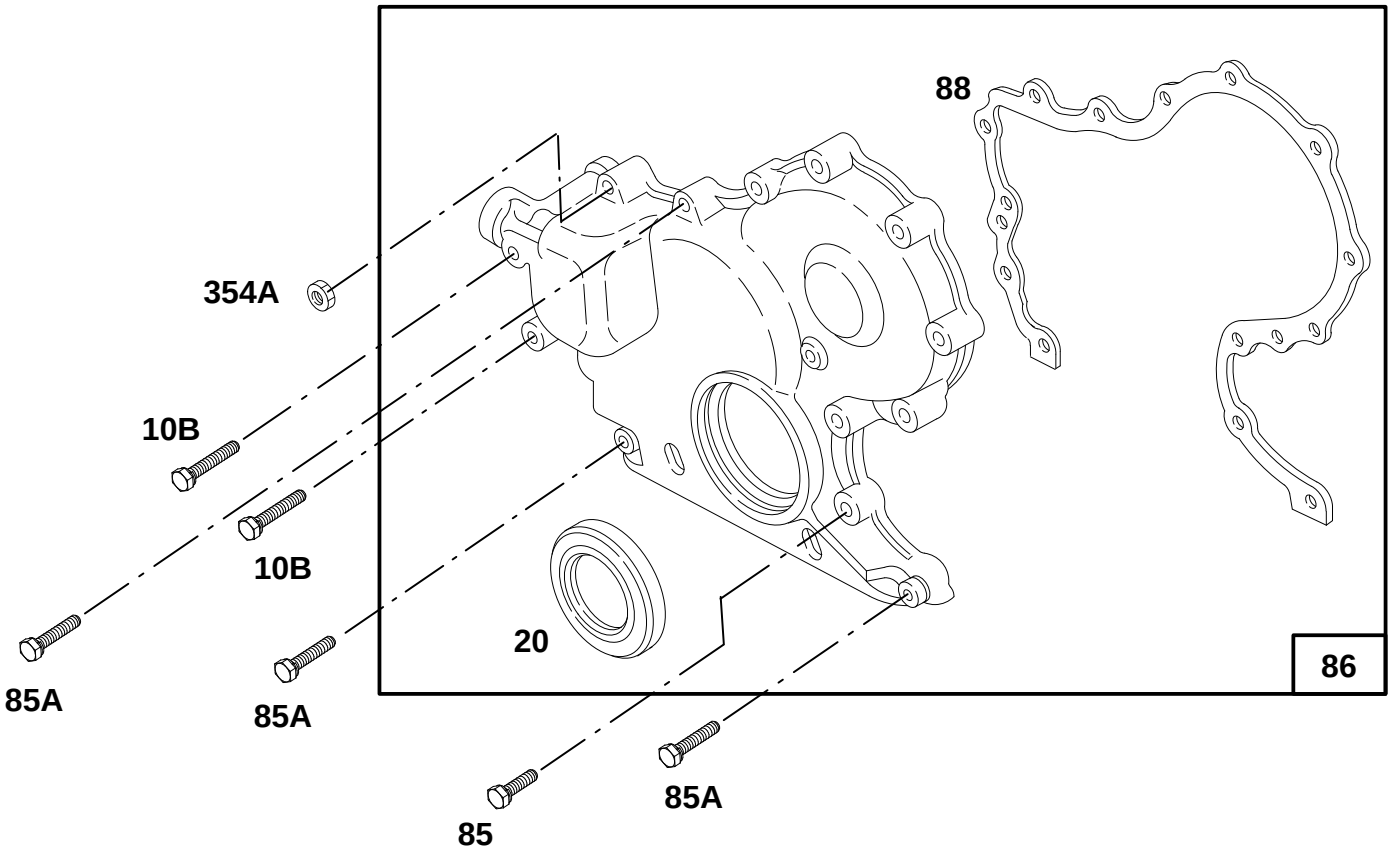
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 433447–0115–A1‡

Ref. No.	Part No.	Description	No. Used
10A	820034	Screw–Hex.	17
15	825043	Plug–Oil Drain	1
†116	820049	Washer	1
239	825000	Switch–Oil Pressure	1
243	825089	Screen–Oil Pump	1
305A	820017	Stud–Std.	2
354	820068	Nut–Hex.	2

Ref. No.	Part No.	Description	No. Used
354A	820069	Nut–Hex.	2
525	820144	Adaptor–Oil Fill	1
†1070	820104	Gasket–Oil Strainer	1
†1078	820137	Gasket–Oil Pan	1
1082	820237	Dipstick	1
1088	825049	Pan–Oil	1

† Not Serviced Separately
‡ NOTE: Obtain replacement parts from your local Briggs & Stratton Dealer.



Assemblies include all parts shown in frames.

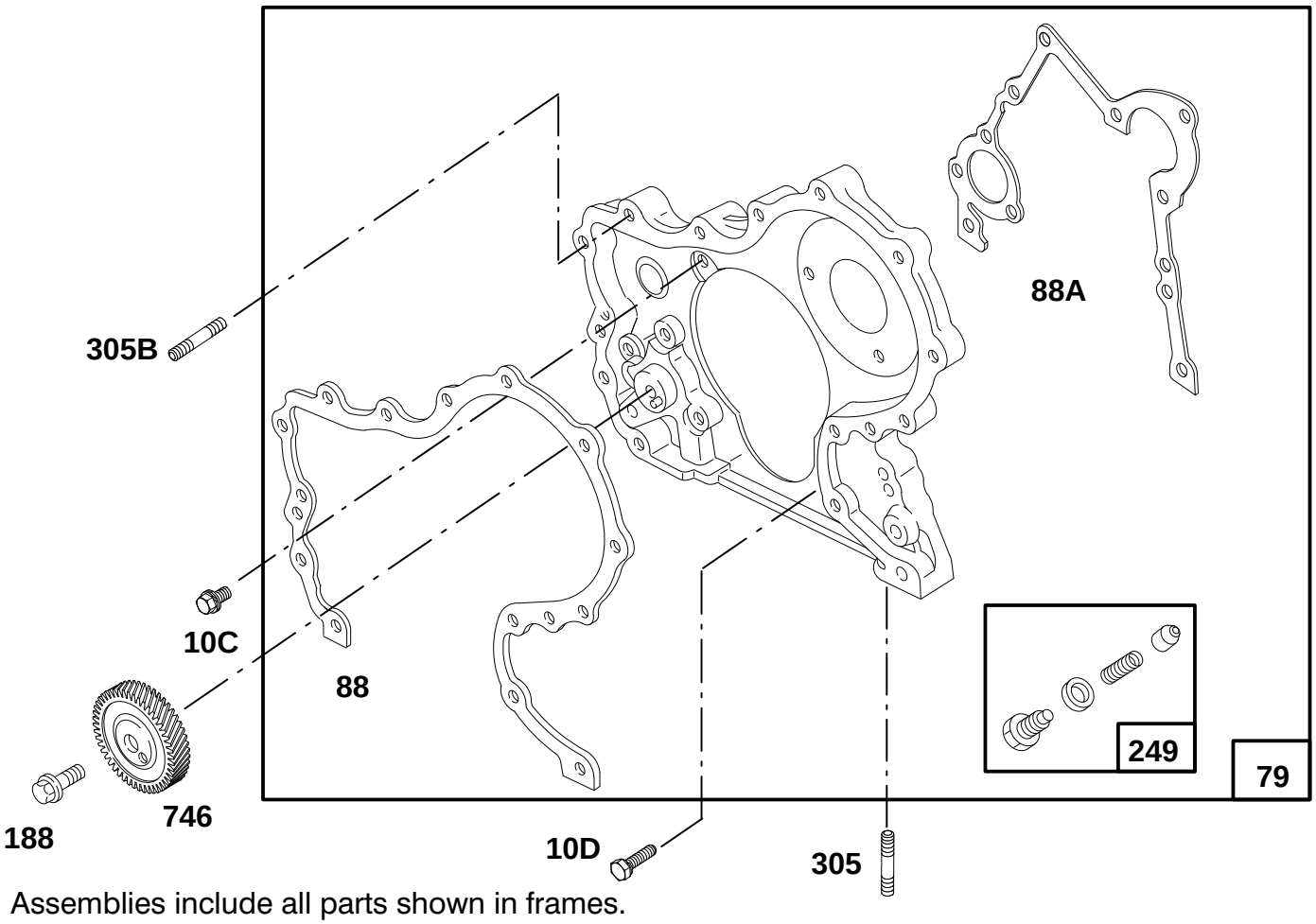
ENGINE BRIGGS & STRATTON MODEL 433447−0115−A1‡

Ref. No.	Part No.	Description	No. Used
10B	820026	Screw−Hex.	2
†20	820055	Seal−Oil	1
85	820029	Screw−Hex.	6
85A	820027	Screw−Hex.	3

Ref. No.	Part No.	Description	No. Used
86	825119	Cover Assy.−Gear	1
†88	820148	Gasket−Cover	1
354A	820069	Nut−Hex.	2

† Not Serviced Separately

‡ NOTE: Obtain replacement parts from your local Briggs & Stratton Dealer.



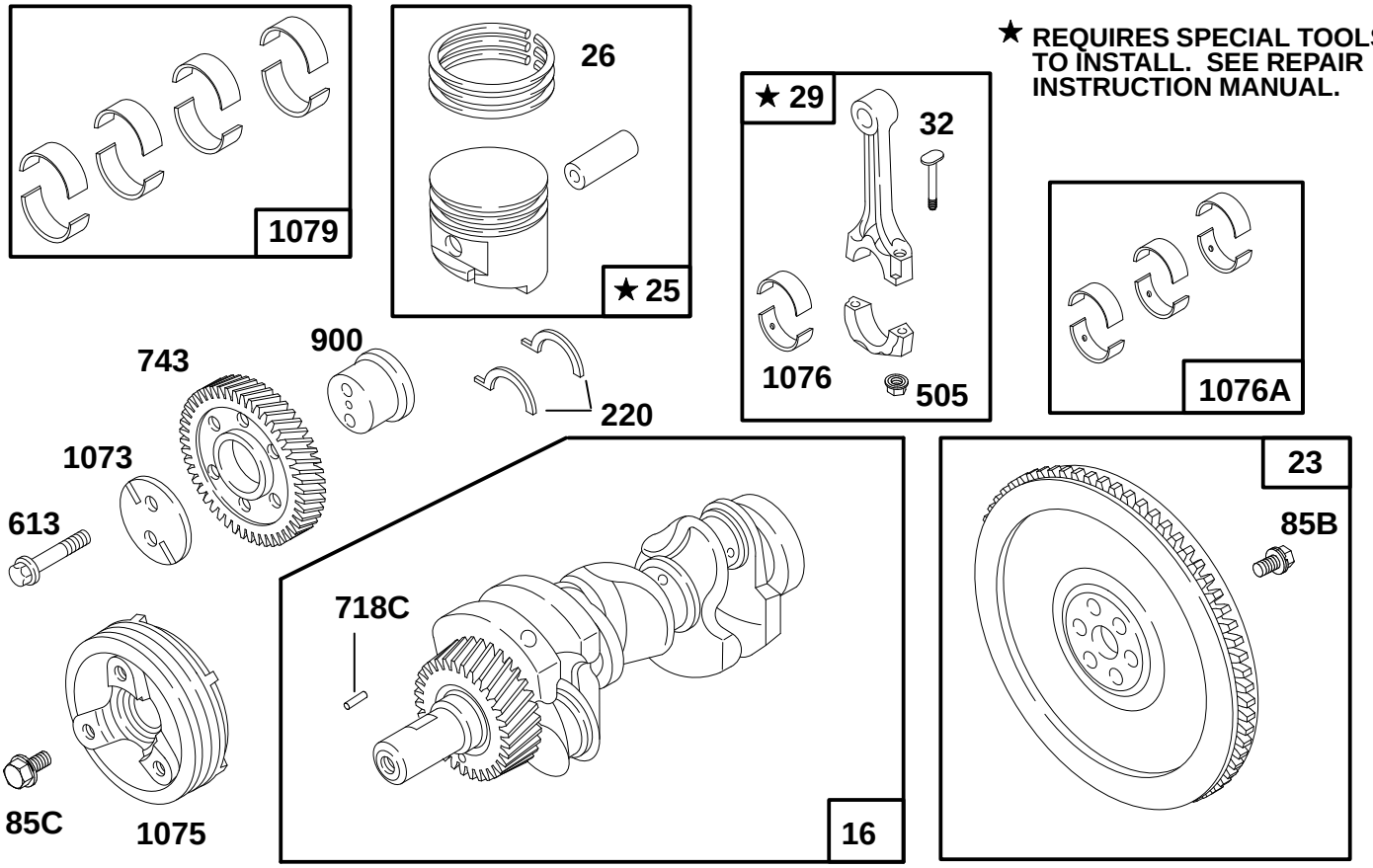
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 433447–0115–A1‡

Ref. No.	Part No.	Description	No. Used
10C	820033	Screw–Hex.	1
10D	820030	Screw–Hex.	4
79	825120	Case Assembly–Gear	1
†88	820148	Gasket–Cover	1
†88A	820155	Gasket–Cover	1

Ref. No.	Part No.	Description	No. Used
188	820180	Screw–Hex.	1
249	825032	Valve–Oil Relief	1
305	820016	Stud–Std.	1
305B	820156	Stud–Mtg. Assembly	2
746	820121	Gear–Drive	1

† Not Serviced Separately
‡ NOTE: Obtain replacement parts from your local Briggs & Stratton Dealer.



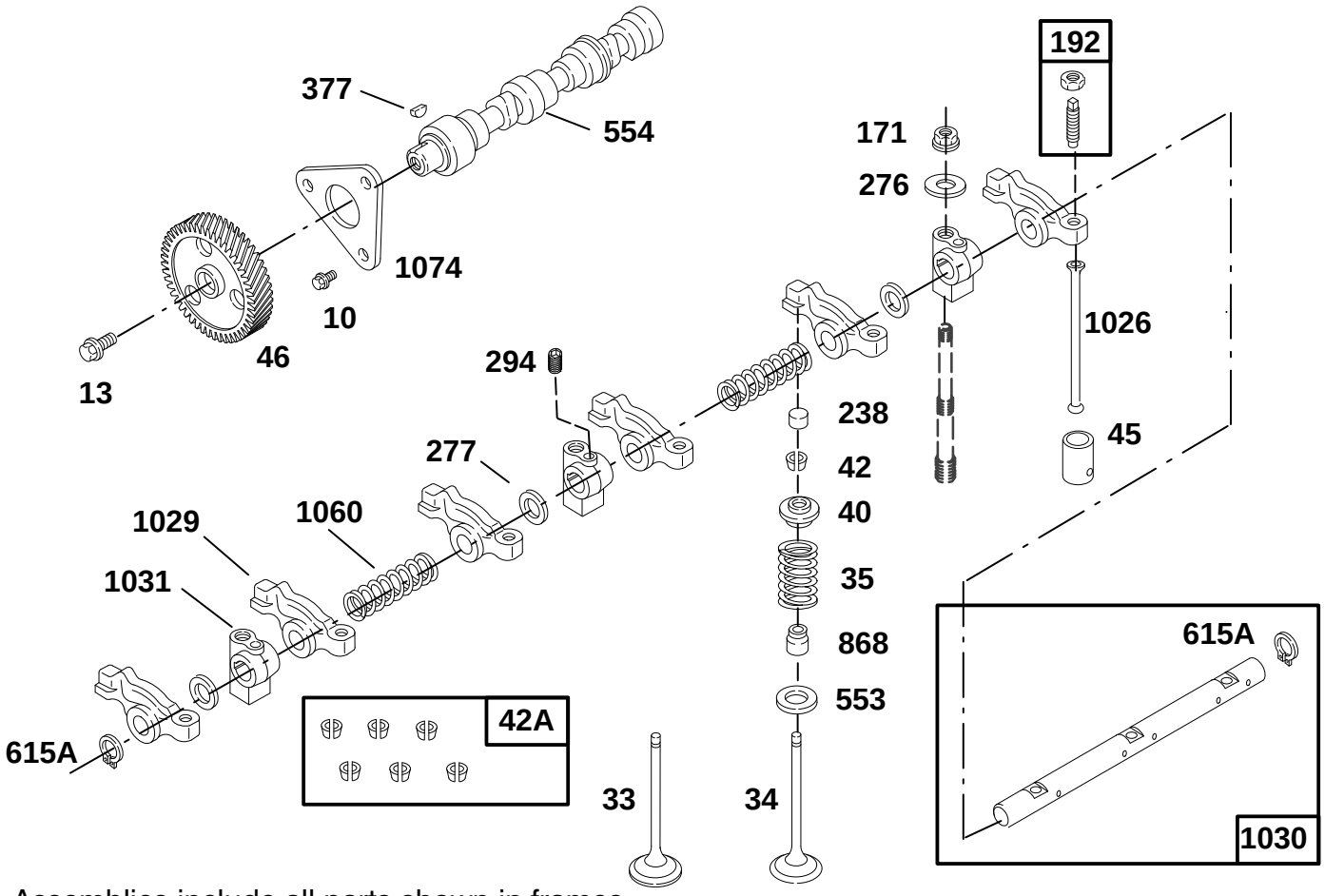
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 433447−0115−A1‡

Ref. No.	Part No.	Description	No. Used
16	825016	Crankshaft	1
23	825090	Flywheel	1
25	825038	Piston Assembly (Standard)	3
*	825018	Piston Assembly (.010” Oversize)	3
26	825091	Ring Set (Standard)	3
*	825092	Ring Set (.010” Oversize)	3
29	825033	Rod−Connecting	3
32	820128	Screw−Hex.	6
85B	820080	Screw−Hex.	6
85C	820079	Screw−Hex.	1
220	820140	Washer−Thrust (Standard) 820139 Washer−Thrust (.005” Oversize)	1

Ref. No.	Part No.	Description	No. Used
505	820073	Nut−Hex.	6
613	820081	Screw−Hex.	2
718C	820059	Pin−Locating	1
743	825013	Gear−Drive	1
900	820116	Shaft−Gear	1
1073	820117	Plate−Idler Gear	1
1075	820123	Pulley−Crankshaft	1
1076	820142	Bearing−Rod (Standard)	3
1076A	825019	Bearing Engine Set−Rod (Standard)	1
*	825060	Bearing Engine Set−Rod (.010”Undersize)	1
1079	825040	Bearing Set−Main (Standard)	1
*	825039	Bearing Set− Main (.010” Undersize)	1

‡ NOTE: Obtain replacement parts from your local Briggs & Stratton Dealer.



Assemblies include all parts shown in frames.

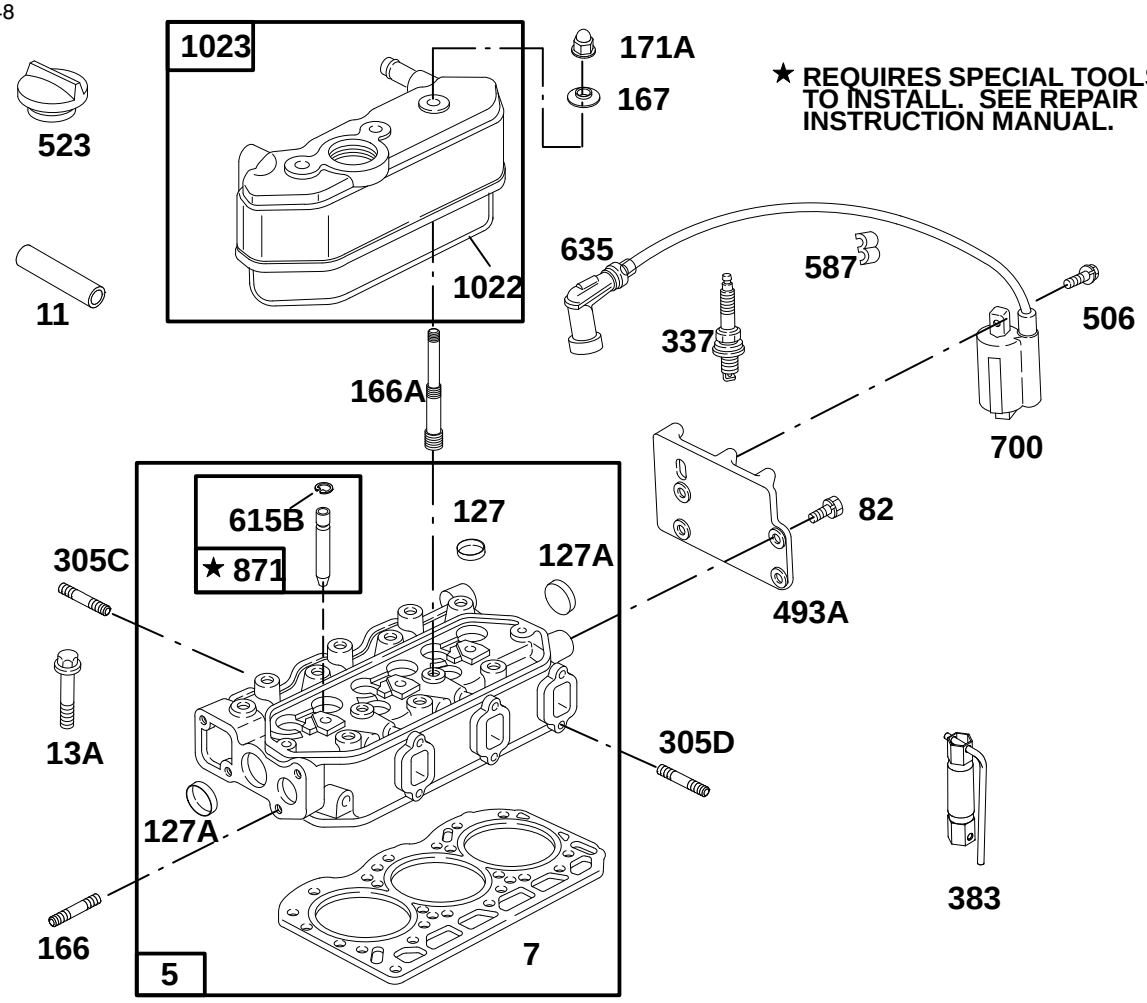
ENGINE BRIGGS & STRATTON MODEL 433447–0115–A1

Ref. No.	Part No.	Description	No. Used
10	820031	Screw–Hex.	3
13	820075	Screw–Hex.	1
33	820114	Valve–Exhaust	3
34	820115	Valve–Intake	3
35	820043	Spring–Valve	6
40	820111	Retainer–Valve	6
42	825042	Valve Keeper Set	6
42A	825082	Valve Keeper Engine Set (Contains 6 Sets)	1
45	820110	Tappet–Valve	6
46	820119	Gear–Cam	1
171	820070	Nut–Hex.	3
192	825041	Nut–Rocker Arm	6
238	820113	Cap–Valve	6
276	820177	Washer	3
277	820065	Washer	3
294	820105	Screw–Socket	1
377	94196	Key–Woodruff	1
553	820112	Seat–Valve Spring	6

Ref. No.	Part No.	Description	No. Used
554	820388	Shaft – Cam (Used after code date 96011800)	1
*	820122	Shaft–Cam (Used before code date 96011900)	1
615A	820003	Retainer	2
868	820041	Seal–Valve	6
1026	820109	Rod–Push	6
1029	820387	Arm – Rocker (Used after code date 96011800)	6
*	820107	Arm – Rocker (Used before code date 96011900)	6
1030	825093	Shaft–Rocker Arm	1
1031	820106	Support–Rocker Arm	3
1060	820044	Spring–Rocker Shaft	2
1074	820118	Retainer–Camshaft	1

* Not Illustrated

‡ NOTE: Obtain replacement parts from your local Briggs & Stratton Dealer.



ENGINE BRIGGS & STRATTON MODEL 433447–0115–A1*

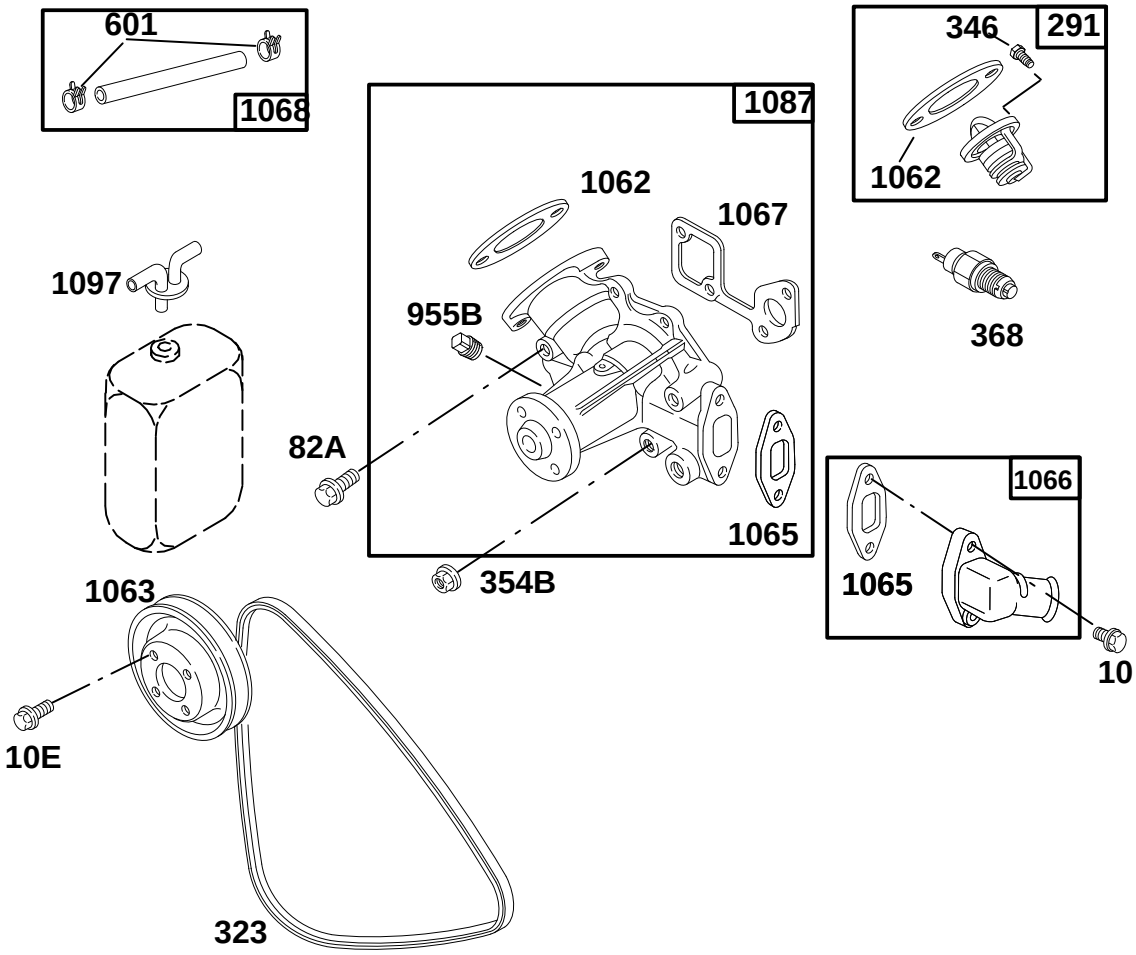
Ref. No.	Part No.	Description	No. Used
5	825047	Head–Cylinder	1
†‡7	820153	Gasket–Cylinder Head	1
11	820048	Tube–Breather	1
13A	820074	Screw–Hex.	14
82	820024	Screw–Hex.	4
127	820004	Plug–Welch	2
127A	820005	Plug–Welch	2
166	820078	Stud–Mtg.	2
166A	820076	Stud–Std.	3
†‡167	820064	Washer	3
171A	820071	Nut	3
305C	820015	Stud–Std.	2
305D	820014	Stud–Mtg.	6

Ref. No.	Part No.	Description	No. Used
337	491055	Plug–Spark	3
383	89838	Wrench–Spark Plug	1
493A	820083	Bracket–Mounting	1
506	820012	Screw–Hex.	6
523	825024	Cap–Oil Fill	1
587	820046	Clamp	2
615B	820130	Retainer	6
635	820084	Boot–Spark Plug	3
700	820037	Coil–Ignition	3
871	825030	Bushing–Guide	6
†‡1022	820150	Gasket–Rocker Cover	1
1023	825088	Cover–Rocker	1

* NOTE: Obtain replacement parts from your local Briggs & Stratton Dealer.

† Included in Gasket Set – Part No. 825056

‡ Included in Valve Overhaul Kit – Part No. 825057



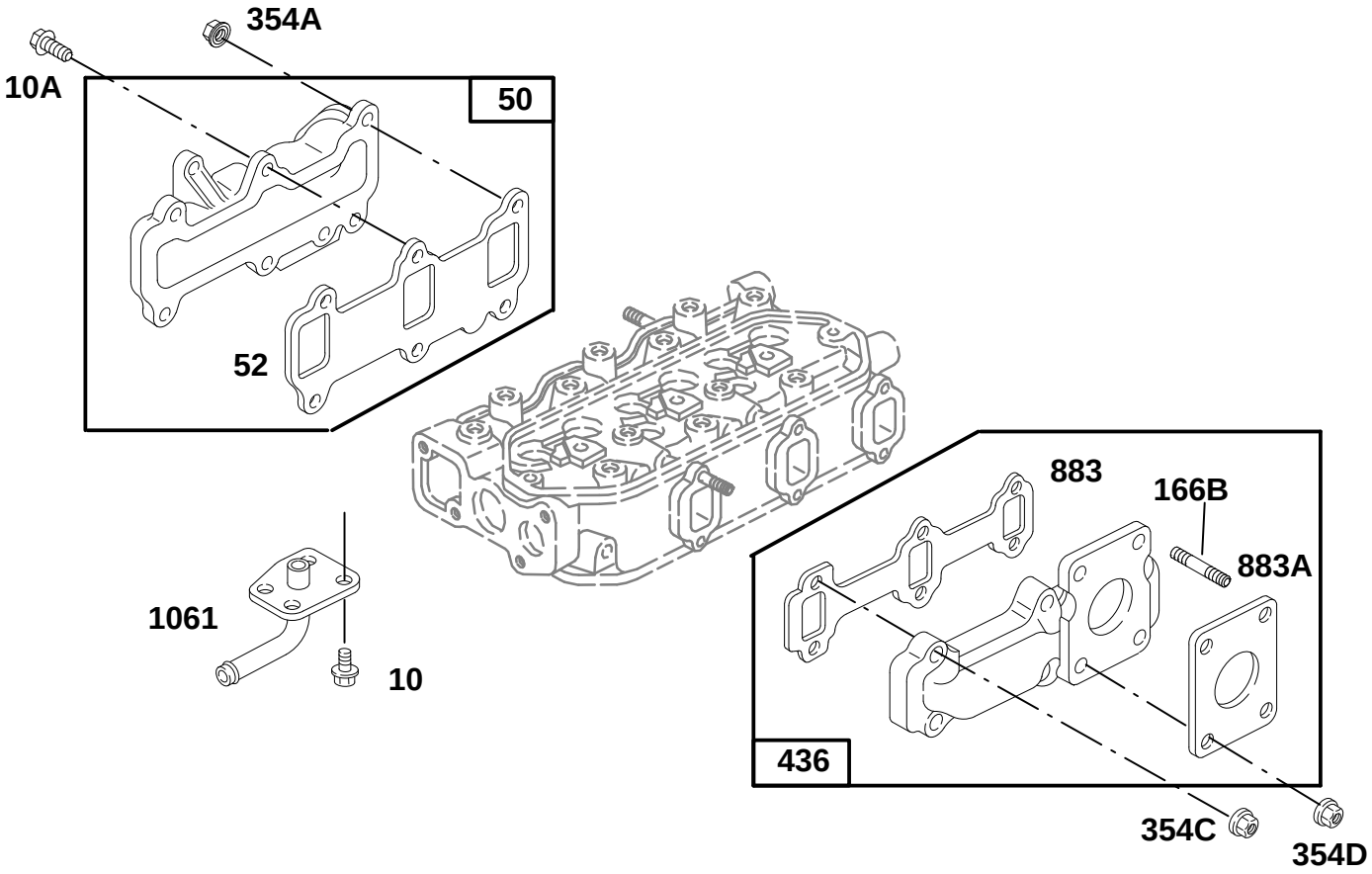
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 433447–0115–A1‡

Ref. No.	Part No.	Description	No. Used
10	820031	Screw–Hex.	2
10E	820203	Screw–Hex.	4
82A	820022	Screw–Hex.	2
291	825064	Thermostat	1
323	820288	Belt–Vee	1
346	820185	Screw–Hex.	1
354B	820181	Nut–Hex.	2
368	820208	Switch Water Temp.	1
601	820045	Clamp–Hose	2

Ref. No.	Part No.	Description	No. Used
955B	820182	Plug	1
†1062	820093	Gasket–Outlet	1
1063	820095	Pulley–Pump	1
†1065	820098	Gasket–Inlet Hsg.	1
1066	825051	Housing–Inlet	1
†1067	820100	Gasket–Water Pump	1
1068	825045	Hose	1
1087	825050	Pump–Water	1
1097	820287	Cap – Surge Tank	1

‡ NOTE: Obtain replacement parts from your local Briggs & Stratton Dealer.
† Included in Gasket Set – Part No. 825056



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 433447–0115–A1*

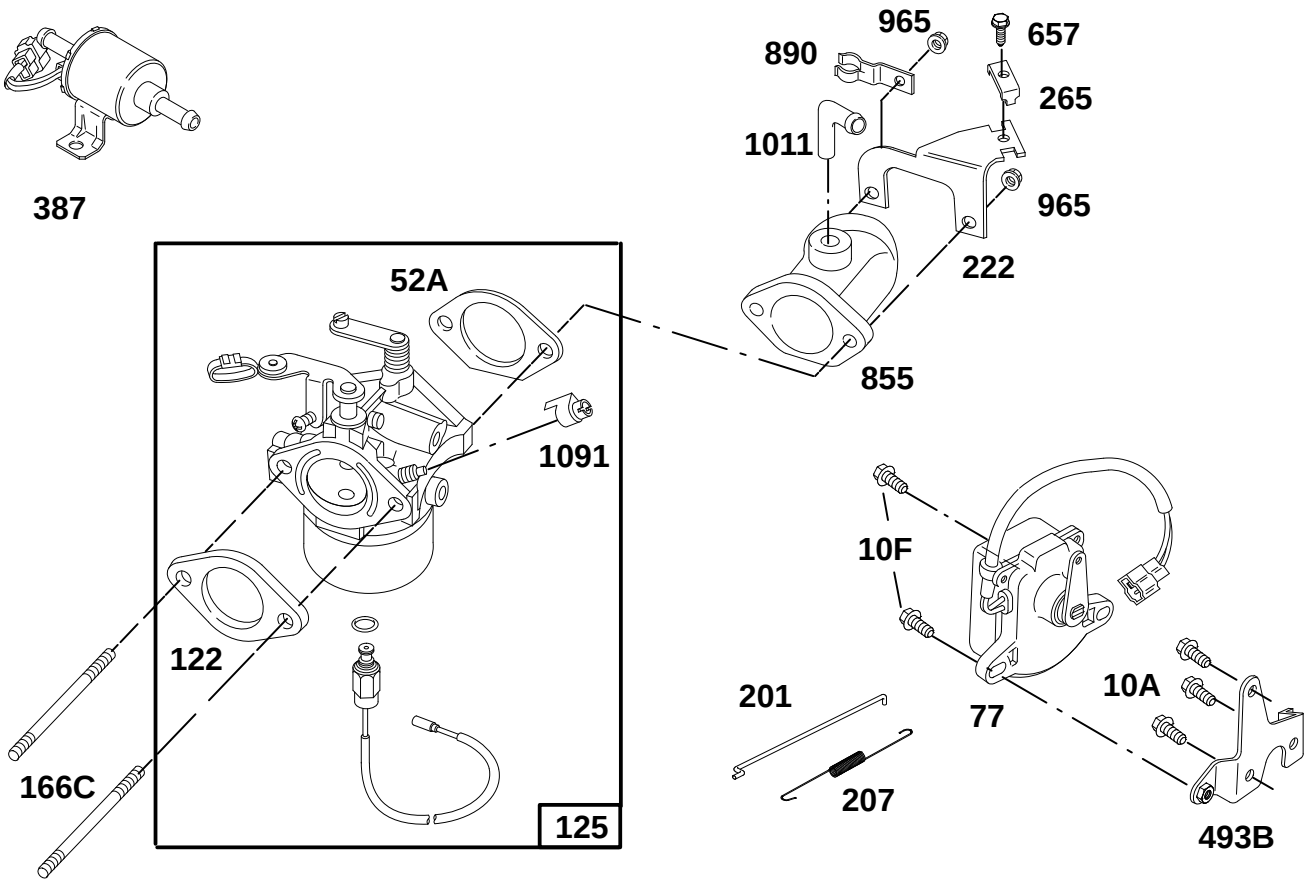
Ref. No.	Part No.	Description	No. Used
10	820031	Screw–Hex.	4
10A	820034	Screw–Hex.	4
50	825053	Manifold–Intake	1
†‡52	820087	Gasket–Intake	1
166B	820183	Stud–Std.	4
354A	820069	Nut–Hex.	2

Ref. No.	Part No.	Description	No. Used
354C	820010	Nut–Hex.	6
354D	820178	Nut–Hex.	4
436	825055	Manifold–Exhaust	1
†‡883	820088	Gasket–Exhaust	1
†883A	820085	Gasket–Exhaust	1
1061	820090	Cover–Outlet	1

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† Included in Gasket Set – Part No. 825056

‡ Included in Valve Overhaul Kit – Part No. 825057



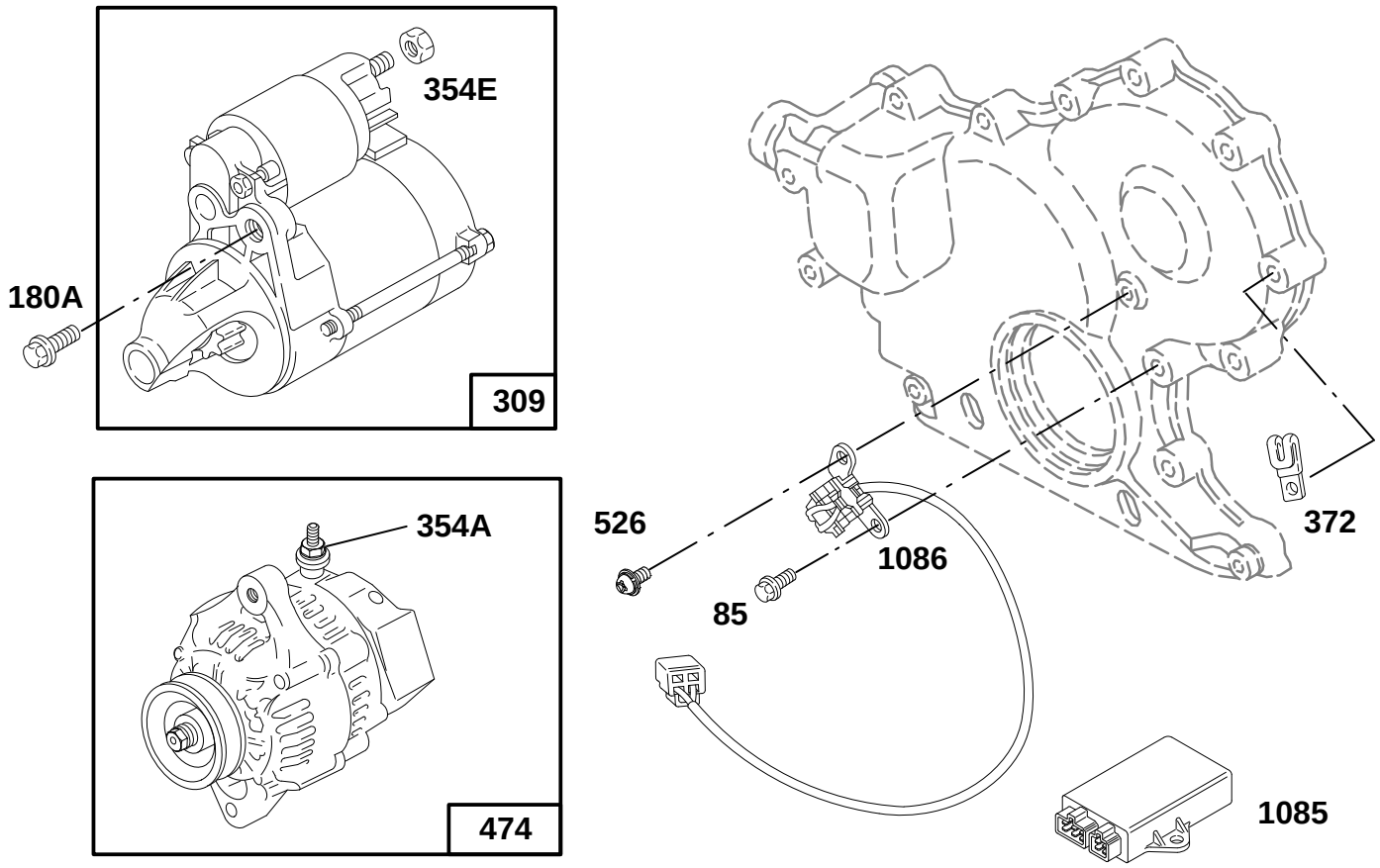
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 433447−0115−A1‡

Ref. No.	Part No.	Description	No. Used
10A	820034	Screw−Hex.	3
10F	820228	Screw−Hex.	2
†52A	820160	Gasket−Intake	1
†77	820209	Governor−Electronic	1
122	820082	Spacer	1
125	825121	Carburetor	1
166C	820077	Stud (Carburetor Mounting)	2
201	820226	Link	1
207	820227	Spring−Control Rod	1

Ref. No.	Part No.	Description	No. Used
222	820224	Bracket−Control	1
265	221535	Clamp−Casing	1
493B	820223	Bracket−Mounting	1
657	805169	Screw−Phillips	1
387	825232	Pump−Fuel	1
855	820284	Adaptor−Air	1
890	820238	Bracket−Support	1
965	820011	Nut−Hex.	2
1011	820184	Tube−Vent	1
1091	805858	Cap − Limiter	1

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† Included in Gasket Set – Part No. 825056



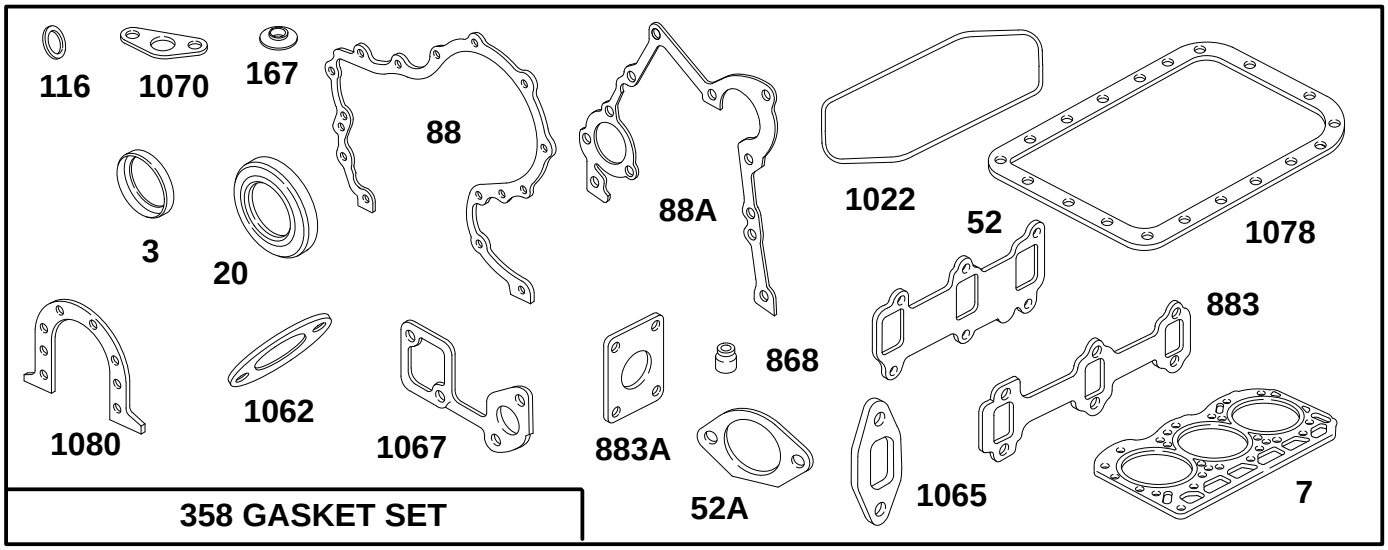
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 433447–0115–A1‡

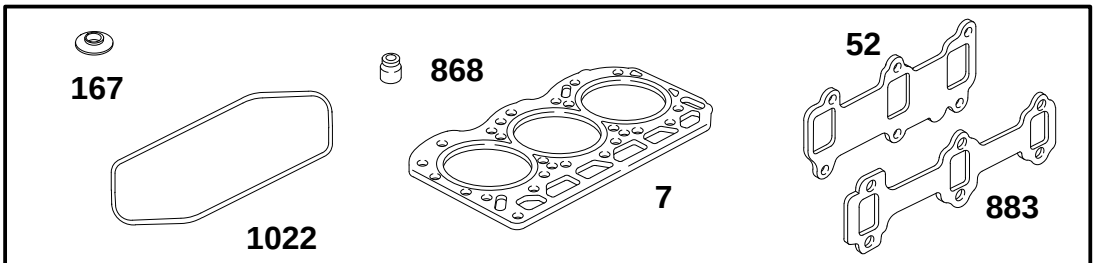
Ref. No.	Part No.	Description	No. Used
85	820029	Screw–Hex.	1
180A	820019	Screw–Hex.	2
309	825095	Motor–Starter	1
354A	820069	Nut–Hex.	1
354E	820067	Nut–Hex.	1

Ref. No.	Part No.	Description	No. Used
372	820047	Clamp	1
474	825084	Alternator	1
526	820013	Screw–Phillips	1
1085	825008	Module–Ignition	1
1086	825009	Trigger–Ignition	1

‡ NOTE: Obtain replacement parts from your local Briggs & Stratton Dealer.
† Included in Gasket Set – Part No. 825056



358 GASKET SET



1033 VALVE OVERHAUL KIT

Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 433447–0115–A1*

Ref. No.	Part No.	Description	No. Used
†3	820056	Seal–Oil	1
†‡7	820153	Gasket–Cylinder Head	1
†20	820055	Seal–Oil	1
†‡52	820087	Gasket–Intake	1
†52A	820160	Gasket–Intake	1
†88	820148	Gasket–Cover	1
†88A	820155	Gasket–Cover	1
†116	820049	Washer	1
†‡167	820064	Washer (Rocker Cover)	1
358	825056	Gasket Set	1
†‡868	820041	Seal–Valve	1
†‡883	820088	Gasket–Exhaust	1
†883A	820085	Gasket–Exhaust	1
†‡1022	820150	Gasket–Rocker Cover	1
1033	825057	Kit–Valve Overhaul	1
†1062	820093	Gasket–Outlet	1
†1065	820098	Gasket–Inlet Hsg.	1
†1067	820100	Gasket–Water Pump	1
†1070	820104	Gasket–Oil Strainer	1
†1078	820137	Gasket–Oil Pan	1
†1080	820145	Gasket–Retainer	1

* NOTE: Obtain replacement parts from your local Briggs & Stratton Dealer.

† Included in Gasket Set – Part No. 825056

‡ Included in Valve Overhaul Kit – Part No. 825057

TORO PART NUMBER INDEX

Part No.	Description	Pg. No.	Ref. No.	Qty.
2844	Washer	24	36	3
3–6498	Washer–Thrust	24	12	1
5–3934	Bolt	7	5	1
10–6060	Pin–Ram Pivot	29	5	2
10–6821	Asm–Brake Drum	3	*	2
10–6830	Stud–Drive	7	28	4
10–6850	Drum–Brake	3	3	2
10–6870	Hub–Wheel	3	24	2
17–9420	Screw–Handle	2	18	1
18–6320	Washer–Steering	7	3	3
18–6380	Pin	24	18	1
20–7150	Switch–Toggle	19	3	1
26–3790	Nut–Lock	3	14	2
27–2360	Switch–Ignition	10	13	1
27–6600	Spacer–Coupling	21	9	4
28–3680	Tire	3	2	2
28–3680	Tire	7	7	1
33–3720	Washer	23	33	1
33–4930	Gasket	23	12	1
41–4430	Plate–Washer	33	21	3
42–2720	Seal–Shaft	23	34	1
43–6280	Button–Push	10	22	1
43–6420	Bezel	10	23	1
47–2890	Bushing	5	12	2
47–6990	Nut–Steering Wheel	5	6	1
48–9510	Nut–Lock	25	24	1
49–6440	Pedal–Accelerator	2	4	1
56–2230	Hose–Fuel	17	18	1
60–3520	O–Ring	21	2	1
63–2290	Washer–Thrust	31	19	1
63–8360	Key–Ignition	10	6	2
63–9750	Mount–Rubber	24	35	3
65–6390	Washer–Thrust	5	24	1
65–8320	Bar–gauge	29	*	1
66–2490	Retainer–Battery	16	7	1
66–2750	Battery	16	6	1
66–2950	Gauge–Hour Meter	10	4	1
66–3240	Cap–Radiator	20	34	1
68–3270	Bumper–Rubber	16	28	2
68–5130	Wheel–Steering	5	5	1
68–5140	Cap–Steering Wheel	5	27	1
68–6150	Breather–Air	19	4	1
69–9000	Spacer	27	10	4
69–9000	Spacer	26	12	4
69–9010	Washer	27	9	8
69–9010	Washer	26	11	8
70–1240	Asm–Plug	23	18	2
70–1480	Relay	16	11	1
70–1910	Hose–Fuel	33	44	1
70–8470	Screw	33	25	3
70–8570	Circuit Breaker–40 Amp	16	*	2
70–9840	Shoe–Brake	3	27	4
70–9850	Clip–Retaining	3	29	2
70–9860	Cam–Brake	3	26	2
70–9870	Plate–Backing	3	28	2
70–9880	Spring–Return	3	4	4
71–1500	Asm–Brake	3	*	2
72–9760	Switch–Override	10	27	1
73–3540	Washer–Flat	19	43	2
74–0720	Tube–Manual	8	16	1
74–3730	Spacer	29	40	2
74–3730	Spacer–Cylinder	7	20	2
74–3810	Asm–Load Plate	28	9	1
74–5950	Latch–Swell	20	11	2
74–9100	Pad–Pedal Forward	2	3	1
74–9110	Pad–Pedal Reverse	2	2	1
75–1010	Switch	10	26	1
75–1310	Element	18	30	1
75–2080	Kit–Seal	15	*	5
75–2090	Kit–Seal	15	*	1
75–5470	Spacer	24	15	1
75–5470	Spacer	12	17	1
75–9440	Hub–Wheel	7	6	1
76–0810	Asm–Housing	4	*	1
76–0840	Manifold	4	22	1
76–0850	Bearing–Thrust	4	12	1
76–0860	Shaft–Coupling	4	11	1
76–0870	Plate–Wear	4	18	1
76–0880	Asm–Commutator	4	*	1
76–0940	Asm–End Cover	4	24	1
76–6070	Asm–Rotating Kit	23	11	1
76–6150	Pin–Dowel	23	15	2
76–6160	Screw–Cap	23	23	2
76–6170	Screw–Cap	23	22	2
76–6200	Spring	23	19	2
76–8870	Asm–Lever Damper	24	4	1
77–3780	Asm–Pin, Lynch	8	9	1
80–8650	Coupling–Rubber	21	8	1
80–9330	Alarm–Audio	19	2	1
83–0730	Spacer–Lockup	5	8	1
83–0740	Disc–Friction	5	4	2
83–0760	Spacer–Lockup	5	3	1
83–1030	Mount–Engine	33	18	3
83–1390	Fitting–Fuel Shutoff	17	9	1
83–1420	Asm–Steering Column	5	15	1
83–1450	Sensor–Oil Level	19	12	1
83–1700	Bushing–Flange	1	15	3
83–2250	gauge–Sight	19	16	1
83–2280	Timer–Delay	19	26	1
84–2000	Bracket–Brake	3	6	2
85–4491	Lamp–Diagnostic	16	34	1
85–4750	Display–Diagnostic–ACE	11	*2	1
85–6540	Stud–Drive	3	25	8
85–9190	Plate–Control	10	10	1
87–6270	Asm–Socket & Bulb	10	29	4
88–7200	Washer–Pivot	24	7	1
88–9190	Solenoid–20 Watt	15	1	4
92–5720	Controller–Electronic	16	1	1
92–5723	Bushing	24	40	2
92–5753	Clamp–Hose	7	33	1
92–5753	Clamp–Hose, Double	16	26	2
92–5838	Ball Joint	7	10	2
92–6280	Asm–Seat	8	1	1
92–6282	Switch–Seat	8	40	1
92–6315	Cartridge–N.C.	15	9	1
92–6533	Cushion–Replacement	8	38	1
92–6534	Shell–Seat	8	37	1
92–8795	Asm–Body	28	10	1
92–8796	Pin–Dowel	28	14	2
92–8863	Kit–Repair	28	*	1
92–8990	Adjuster	8	13	1
92–8991	Adjuster w/Latch	8	14	1
92–8995	Bushing–Straight	31	5	2
92–8995	Bushing–Straight	29	25	4
92–9199	Hydraulic Motor–Wheel	3	10	2
92–9761	Link–Drive	4	13	7
92–9762	Screw–HH	4	14	1
92–9763	Rotor Set	4	*	1
93–1375	Reel Motor	27	5	1
93–1375	Reel Motor	26	13	2
93–2010	Frame	1	4	1
93–2018	Hose–Radiator	20	17	1
93–2020	Bracket–Support	33	14	1
93–2035	Hose–Air Cleaner	25	18	1
93–2035	Hose–Air Cleaner	16	35	1
93–2035	Hose–Air Cleaner	20	37	1
93–2036	Clamp–Air Hose	16	27	1
93–2048	Cap–Overflow Tank	17	19	1
93–2049	Tank–Overflow	17	21	1
93–2050	Screen	20	10	1
93–2055	Reed Switch–Sensor	12	9	2
93–2056	Reed Switch–Actuator	12	10	1
93–2068	Hose–Pump Inlet	18	24	1
93–2069	Rod–Brake	3	12	2
93–2069	Rod–Brake	1	14	2
93–2070	Clevis–Swivel	3	21	2
93–2072	Shield–Wheel RH	1	17	1
93–2073	Shield–Wheel LH	1	16	1
93–2075	Brake Pedal	1	21	1
93–2085	Rod	2	1	1
93–2089	Bracket–Controller	16	4	1
93–2090	Fan–Engine	33	2	1
93–2092	Clamp–Cable	2	31	1
93–2096	Lever–Brake	3	13	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
93–2099	Cable–Traction Control	2	16	1
93–2099	Cable–Traction Control	24	29	1
93–2111	Stud–Traction	24	13	1
93–2115	Steering Arm	5	19	1
93–2120	Steering Control Valve	5	23	1
93–2122	Asm–Cylinder, Steering	7	13	1
93–2123	Bracket–Fuse Block	16	19	1
93–2125	Castor Fork	7	4	1
93–2128	Panel–Seat Base	8	5	1
93–2142	Pad–Floor Plate	2	8	1
93–2153	Adapter–Fan	33	24	1
93–2174	Spacer–Lower	33	29	2
93–2181	Pipe–Exhaust	25	12	1
93–2188	Exhaust Bracket	25	11	1
93–2190	Asm–Air Cleaner	25	6	1
93–2191	Asm–Mounting Band	25	5	1
93–2194	Hose–Air Cleaner	25	17	1
93–2194	Hose–Air Cleaner	33	40	1
93–2195	Element–Air Cleaner	25	*23	1
93–2199	Screw–HH	5	9	1
93–2200	Engine–Daihatsu	33	1	1
93–2205	Engine Mount–Front	33	13	1
93–2210	Engine Mount–Rear	33	11	1
93–2220	Pump Adapter	21	10	1
93–2224	Tank–Fuel, Gasoline	17	2	1
93–2227	Hose–Fuel	17	12	1
93–2228	Hose–Fuel	17	23	1
93–2228	Hose–Fuel	33	38	1
93–2229	Hose–Fuel	33	17	1
93–2232	Decal–Console	10	14	1
93–2234	Decal–GR3200	7	22	2
93–2235	Tank–Hydraulic	18	6	1
93–2236	Mount–Oil Filter	18	10	1
93–2238	T–Block	26	18	1
93–2240	Asm–Manifold	14	1	1
93–2242	Asm–Filter, Oil	18	8	1
93–2252	Asm–Hose	5	31	1
93–2252	Hose Assembly	21	23	1
93–2254	Asm–Hose	29	24	2
93–2254	Tube–Hydraulic	14	20	2
93–2255	Asm–Hose	29	3	1
93–2255	Asm–Hose	14	26	1
93–2255	Asm–Hose	16	36	1
93–2256	Asm–Hose	29	4	1
93–2256	Asm–Hose	14	25	1
93–2256	Asm–Hose	16	37	1
93–2258	Asm–Hose	31	20	1
93–2258	Asm–Hose	14	24	1
93–2260	Hose–Expansion Tank	20	25	1
93–2260	Hose–Expansion Tank	17	26	1
93–2264	Asm–Hose	26	14	2
93–2269	Asm–Hose	7	16	1
93–2269	Asm–Hose	16	30	1
93–2269	Asm–Hose	5	32	1
93–2270	Asm–Hose	7	14	1
93–2270	Asm–Hose	16	31	1
93–2270	Asm–Hose	5	33	1
93–2271	Asm–Hose	14	13	1
93–2271	Asm–Hose	5	34	1
93–2272	Asm–Hose	14	14	1
93–2272	Asm–Hose	5	30	1
93–2275	Screen–Filler	19	33	1
93–2276	Spring–Brake Latch	1	2	1
93–2279	Clamp–Cable	12	2	1
93–2279	Clamp–Cable	2	34	1
93–2300	Radiator	20	4	1
93–2320	Shroud–Fan	20	19	1
93–2329	Control–Choke	10	9	1
93–2343	Cable–Battery, Positive	16	21	1
93–2344	Cable–Battery, Negative	16	22	1
93–2344	Cable–Battery, Negative	33	36	1
93–2349	Harness–Wire	33	37	1
93–2349	Wire Harness	16	23	1
93–2362	Roller–Anti Scalp	31	11	4
93–2362	Roller–Anti Scalp	29	17	8
93–2363	Shaft–Roller	31	12	2
93–2363	Shaft–Roller	29	16	8
93–2368	Bushing–Flange	31	10	2
93–2368	Bushing–Flange	29	14	4
93–2384	Spacer–Carrier	29	28	2
93–2400	Lockup Handle	5	2	1
93–2403	Lift Arm–Center	31	4	1
93–2422	Rod–Seat Pivot	8	10	2
93–2424	Bracket–Cooler, Lower	20	13	2
93–2425	Bracket–Cooler, Upper	20	5	2
93–2430	Asm–Valve	19	11	1
93–2436	Decal–Leak Detector	19	23	1
93–2438	Clamp–Fuel Tank	18	3	1
93–2445	Bracket–Alternator, Lower	33	4	1
93–2446	Bracket–Alternator, Upper	33	5	1
93–2448	Housing–Thermostat	20	27	1
93–2509	Clamp–Tube	26	3	2
93–2551	Seal–Basket	29	37	2
93–2551	Seal–Basket	31	43	1
93–2578	Shroud–Console	8	19	1
93–2588	Spacer–Upper	33	28	2
93–2589	Hub–Pump	21	4	1
93–3101	Cap–Fuel	17	1	1
93–3614	Asm–Cover	28	4	1
93–3615	Asm–Drive Shaft	28	7	1
93–3616	Asm–Idler Gear	28	6	1
93–4637	Washer–Flat	17	4	3
93–4637	Washer–Flat	18	12	4
93–4637	Washer–Flat	19	29	2
93–5447	Insert–Threaded	8	28	2
93–6668	Decal–Battery	16	42	1
93–6681	Decal–Warning, Fan	20	6	1
93–6686	Decal–Hydraulic Oil	8	24	1
93–6689	Decal–No Rider	8	26	1
93–7053	Warning Light Cluster	10	5	1
93–7160	Cap–Hydraulic Oil	19	32	1
93–7252	Decal–CE Mark	8	33	1
93–7276	Decal–Danger	16	43	1
93–7489	Valve–Flow Control	31	35	1
93–7494	Cartridge–N.O. Poppet	15	2	2
93–7498	Plug–Plastic	19	41	1
93–7629	Pad–Foot Brake	1	22	1
93–7840	Decal–Radiator Cap	20	12	1
93–8062	Decal–Parking Brake	1	5	1
93–8063	Decal–Warning	5	26	1
93–8064	Decal–Warning	29	29	2
93–8064	Decal–Warning	31	29	1
93–8068	Decal–Steering Arm	5	20	1
93–8069	Decal–Hot Surface	25	9	1
93–9051	Decal–Eccentric Bolt	24	28	1
94–1300	Neutral Lock	2	27	1
94–1304	Cable–Neutral Lock	2	24	1
94–1304	Cable–Neutral Lock	12	29	1
94–1312	Spacer–Pivot	24	5	1
94–1316	Bracket–Bulkhead	27	6	1
94–1317	Tube–Hydraulic	27	7	1
94–1317	Tube–Hydraulic	14	15	1
94–1318	Tube–Hydraulic	26	20	1
94–1318	Tube–Hydraulic	27	21	1
94–1319	Tube–Hydraulic	26	21	1
94–1320	Tube–Hydraulic	26	22	1
94–1320	Tube–Hydraulic	14	34	1
94–1321	Tube–Hydraulic	27	20	1
94–1321	Tube–Hydraulic	26	23	1
94–1325	Push Mount Tie	16	16	2
94–1328	Asm–Hose	27	8	1
94–1331	Asm–Hose	14	30	1
94–1332	Asm–Hose	21	27	1
94–1332	Asm–Hose	14	33	1
94–1348	Hose–Tank, Recovery	17	17	1
94–1350	Harness–Leak Detector	19	22	1
94–1364	Plate	17	13	1
94–1369	Spring–Ext.	24	17	1
94–1371	Spacer	2	11	1
94–1372	Bracket–Mow	2	20	1
94–1373	Bracket–Lock	2	19	1
94–1374	Trunnion Mow Bracket	2	22	1
94–1375	Trunnion Lock Bracket	2	21	1
94–1378	Tube–Handle Pivot	12	11	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
94–1383	Pedal Pivot	2	12	1
94–1386	Shaft–Pedal Lock	2	23	1
94–1414	Valve	25	22	1
94–2579	Decal–Toro	8	27	1
94–2627	Cartridge	15	3	1
94–3011	Plug	22	18	1
94–3452	Pin–Cylinder	31	21	1
94–3457	Sender–Temperature	33	3	1
94–3466	Decal–Diagnostic–ACE	11	1	1
94–3474	Pad–Thermal	17	25	1
94–3477	Asm–Hose	14	22	1
94–3477	Asm–Hose	31	26	1
94–3483	Pull Arm	31	9	1
94–3486	Plate	24	34	1
94–3488	Pump Lever	24	6	1
94–3489	Screw–HH	2	26	1
94–3644	Seat	23	20	2
94–3645	Key	23	1	1
94–3646	Key	23	9	1
94–3650	Asm–Dump Valve	23	21	1
94–3652	Asm–Cover	25	21	1
94–3653	Bolt	25	26	1
94–3654	Spring–Compression	25	25	1
94–3661	Kit–Seal	15	*	1
94–4398	Kit–Seal, Repair	7	*	1
94–4518	Tube–Hydraulic	18	22	1
94–4518	Tube–Hydraulic	14	27	1
94–4519	Tube–Convoluted	16	40	1
94–4522	Hose–Breather	20	24	1
94–4527	Neutral Arm	24	11	1
94–4528	Plug	20	14	2
94–4538	Spacer–Mount	33	45	3
94–4539	Asm–Hose	27	16	1
94–4539	Asm–Hose	18	27	1
94–4546	Panel–Extension	8	30	1
94–4547	Panel–Lower	8	20	1
94–4548	Bumper	29	7	2
94–4548	Bumper	31	32	1
94–4929	Kit–Seal	6	*	1
94–5350	Fitting–Bulkhead Tee	27	28	2
94–5352	Retainer–Hose	27	29	1
94–5353	Tube–Hydraulic	27	31	1
94–5354	Tube–Hydraulic	27	32	1
94–5355	Asm–Hose	21	26	1
94–5356	Asm–Hose	21	35	1
94–5357	Asm–Hose	27	26	2
94–5357	Asm–Hose RH	3	7	2
94–5358	Asm–Hose	27	30	2
94–5358	Asm–Hose LH	3	8	2
94–5359	Bracket–Air Cleaner	25	2	1
94–5438	Seal–Solenoid	15	19	8
94–6351	Cartridge–Relief 150 psi	15	13	1
94–6352	Plug–Cavity	15	18	1
94–6353	Plug–Cavity	15	15	1
94–6359	Shaft–Drive	23	2	1
94–6360	Plate–Valve	23	13	1
94–6363	Bearing	23	3	1
94–6366	Cover–Steering Valve	5	16	1
94–6368	Bearing	23	14	1
94–6370	Asm–Alternator Guard	20	29	1
94–6383	Asm–Hose	21	44	1
94–6384	Asm–Hose	21	25	1
94–6385	Valve–Relief	21	40	1
94–6386	Cartridge–Relief Valve	21	46	1
94–6398	Bracket–Traction	12	15	1
94–6399	Plate–Floor	2	9	1
94–6953	Console	10	1	1
94–8085	Decal–Diag. (Danish)	11	*	1
94–8086	Decal–Diag. (Dutch)	11	*	1
94–8087	Decal–Diag. (Finnish)	11	*	1
94–8088	Decal–Diag. (French)	11	*	1
94–8089	Decal–Diag. (German)	11	*	1
94–8090	Decal–Diag. (Italian)	11	*	1
94–8091	Decal–Diag. (Japanese)	11	*	1
94–8092	Decal–Diag. (Norwegian)	11	*	1
94–8093	Decal–Diag. (Portuguese)	11	*	1
94–8094	Decal–Diag. (Spanish)	11	*	1
94–8095	Decal–Diag. (Swedish)	11	*	1
94–8153	Muffler	25	7	1
94–8155	Bracket–Bulkhead	27	14	1
94–8156	Shield–Dust	33	47	1
94–8157	Arrestor–Spark	25	*	1
94–8158	Screw–Cap	22	11	8
94–8160	Washer	22	17	4
94–8161	Kit–Seal Repair	22	*	1
94–8165	Plate–Mounting	19	6	1
94–8166	O–Ring	19	42	2
94–8178	Seal Kit	4	*	1
94–8188	Clamp–Hose	33	49	1
94–8196	Washer–Nylon	24	39	2
94–8197	Tube–Pivot	24	2	1
94–8198	Asm–Carrier Pin	29	6	2
94–8199	Tube–Pivot	31	22	1
94–9600	Brake Latch	1	13	1
94–9603	Cable Support	24	9	1
94–9607	Hose–Formed	18	21	1
94–9608	Hose–Radiator	20	2	1
94–9609	Bushing–Straight	24	10	1
94–9610	Bushing–Flange	31	6	2
94–9610	Bushing–Flange	29	10	4
94–9611	Handle	12	7	1
94–9614	Roller Pivot–Welded	12	22	1
94–9617	Pin–Spring	12	20	1
94–9618	Spacer–Spring	12	25	1
94–9619	Bushing	12	23	1
94–9620	Spring–Torsion	12	26	1
94–9623	Asm–Radiator Support	20	8	1
94–9627	Asm–Seat Support	8	4	1
94–9628	Asm–Steering Cover	5	14	1
94–9629	Asm–Muffler Shield	25	8	1
94–9647	Ball Joint	29	20	2
94–9647	Ball Joint	31	15	1
94–9648	Ball Stud	31	40	1
94–9648	Ball Stud	29	41	2
94–9649	O–Ring	19	20	1
95–0501	Decal–Service	8	25	1
95–0502	Decal–Service (Danish)	8	25	1
95–0503	Decal–Service (Dutch)	8	25	1
95–0504	Decal–Service (Finnish)	8	25	1
95–0505	Decal–Service (French)	8	25	1
95–0506	Decal–Service (German)	8	25	1
95–0507	Decal–Service (Italian)	8	25	1
95–0508	Decal–Service (Japanese)	8	25	1
95–0509	Decal–Service (Norwegian)	8	25	1
95–0510	Decal–Service (Portuguese)	8	25	1
95–0511	Decal–Service (Spanish)	8	25	1
95–0512	Decal–Service (Swedish)	8	25	1
95–0533	Gear Pump–2 Section	21	28	1
95–1601	Cartridge–Relief 2400 psi	15	8	1
95–1628	Hinge–Upper	1	11	1
95–1629	Hinge–Lower	1	12	1
95–1639	Fitting–Hydraulic	31	17	1
95–1639	Fitting–Orificed	14	36	2
95–2903	Angle–Basket Seal	29	36	2
95–2903	Angle–Basket Seal	31	42	1
95–2907	Asm–Hose	27	4	2
95–2908	Asm–Hose	26	15	2
95–2909	Asm–Hose	26	17	2
95–2926	Filter–Fuel	17	11	1
95–2927	Fitting–Hydraulic 90°	31	37	1
95–5641	Kit–Seal	15	*	1
95–5999	Plug–Orifice	15	14	1
98–0632	Adapter–Pull Link	29	45	2
98–0632	Adapter–Pull Link	31	46	1
98–0637	Tank–Leak Detection	19	5	1
98–0638	Plate–Cover	19	1	1
98–0639	Hose–Formed, Outlet	19	7	1
98–0640	Hose–Formed, Inlet	19	14	1
98–2174	Lift Arm–RH	29	21	1
98–2176	Lift Arm–LH	29	22	1
98–2178	Screw	29	19	2
98–2179	Asm–Shell & Housing	29	42	2
98–2179	Asm–Shell & Housing	31	45	1
98–2195	Lever–Control	10	7	1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
98−2199	Asm−Grass Basket	29	35	2
98−2199	Asm−Grass Basket	31	41	1
98−4604	Clamp	19	44	1
98−4606	Asm−Hose	21	37	1
98−4607	Bracket−Spring	24	19	1
98−4608	Plate−Pump	33	27	1
98−4609	Hydrostat	21	16	1
98−4618	Bushing−Eccentric	31	47	2
98−4624	Pull Arm	29	13	2
98−4633	Asm−Cover Plate	23	5	1
98−4634	Asm−Cover Plate	23	25	1
98−4635	Insert−Camplate	23	39	1
98−4636	Kit−Seal Repair	23	*	1
98−4637	Plate−Cam	23	10	1
98−4638	Asm−Housing	23	29	1
98−4639	Bearing−Cone	23	8	2
98−4640	Screw−Cap	23	4	4
98−4641	Asm−Back Plate	23	16	1
99−1453	Asm−Center Carrier	31	7	1
99−1454	Carrier−LH	29	12	1
99−1455	Carrier−RH	29	11	1
99−1456	Pad	29	*	3
99−1905	Hose−Pump Inlet	21	24	1
99−8157	Asm−Hydraulic Cylinder	31	2	1
99−8158	Asm−Hydraulic Cylinder	29	1	2
99−8162	Kit−Seal, Repair	30	*	1
99−8163	Kit−Seal, Repair	32	*	1
217−60	Rim	3	23	2
217−60	Rim	7	23	1
218−446	Washer−Lock	10	15	1
218−447	Nut−Hex.	10	16	1
218−473	Boot−Toggle Switch	19	18	1
218−498	Nut−Lock	10	24	3
218−589	Washer−Lock	10	25	1
218−590	Switch−Micro	10	18	2
219−17	Bulb−Warning Light	10	28	4
2112−9	Clamp	25	10	2
232−24	Stem−Valve	3	22	2
232−27	Valve Stem w/Cap	7	29	1
233−42	Knob	12	21	1
233−48	Knob	5	1	1
237−21	O−Ring	14	21	7
237−21	O−Ring	27	25	1
237−21	O−Ring	26	29	4
237−21	O−Ring	29	31	4
237−21	O−Ring	7	31	2
237−21	O−Ring	5	35	2
237−21	O−Ring	31	39	2
237−22	O−Ring	14	19	1
237−22	O−Ring	26	25	1
237−22	O−Ring	18	28	1
237−22	O−Ring	21	31	6
237−30	O−Ring	27	22	2
237−30	O−Ring	26	27	4
237−30	O−Ring	21	30	1
237−30	O−Ring	14	31	1
237−42	O−Ring	15	7	6
237−42	O−Ring	14	18	1
237−42	O−Ring	26	26	1
237−42	O−Ring	18	29	1
237−42	O−Ring	5	36	1
237−42	O−Ring	21	39	2
237−58	O−Ring	18	20	1
237−58	O−Ring	14	28	1
237−65	O−Ring	14	16	3
237−65	O−Ring	27	27	3
237−65	O−Ring	3	30	4
237−65	O−Ring	21	32	3
237−78	O−Ring	14	23	7
237−78	O−Ring	27	24	1
237−78	O−Ring	26	30	4
237−78	O−Ring	29	30	4
237−78	O−Ring	7	30	2
237−78	O−Ring	31	38	4
237−78	O−Ring	19	40	1
237−79	O−Ring	15	11	1
237−79	O−Ring	27	23	2
237−79	O−Ring	26	28	4
237−79	O−Ring	21	29	4
237−79	O−Ring	5	29	4
237−79	O−Ring	14	32	1
237−79	O−Ring	19	36	4
237−80	O−Ring	15	16	2
237−80	O−Ring	14	17	2
237−80	O−Ring	19	19	1
237−80	O−Ring	3	31	4
237−81	O−Ring	18	17	3
237−81	O−Ring	14	29	1
237−81	O−Ring	21	34	3
237−100	Grommet	8	12	1
237−146	O−Ring	18	26	1
237−156	O−Ring	15	5	9
240−3	Grommet−Rubber	27	11	4
240−3	Grommet−Rubber	26	24	4
240−11	Grommet	17	3	3
240−11	Grommet	18	13	4
240−11	Grommet	19	15	2
242−50	Nut−Lug	3	1	8
242−50	Nut−Lug	7	8	4
2411−34	Ball Joint	24	26	1
2411−34	Ball Joint	2	29	1
2411−38	Asm−Ball Joint	2	7	1
2411−38	Ball Joint	12	1	1
2412−34	Clamp−Hose	20	1	4
2412−34	Clamp−Hose	21	1	2
2412−34	Clamp−Hose	18	25	1
2412−36	Clamp−Hose	19	8	4
2412−36	Clamp−Hose	17	10	2
2412−41	Clamp−R	17	20	4
2412−41	Clamp−R	20	26	1
2412−92	Clamp−Hose	25	19	2
2412−92	Clamp−Hose	33	35	1
2412−92	Clamp−Hose	20	36	1
2412−98	Clamp−Hose	33	7	3
2412−98	Clamp−Hose	17	24	3
2412−108	Clamp−Hose	20	20	3
2412−108	Clamp−Hose	17	22	1
2412−129	Clamp−Hose	18	23	2
2412−133	Clamp−R	8	17	2
2412−134	Clamp−R	27	15	2
2412−137	Clamp−Tube, Double	27	34	1
251−259	Bearing−Ball	24	16	1
251−259	Bearing−Ball	12	19	1
252−66	Bearing−Thrust	23	32	1
252−71	Race−Bearing	23	31	2
253−111	Seal−Shaft	7	24	2
254−61	Bearing−Cup	7	19	2
254−70	Bearing Cone	7	18	2
254−78	Cone−Bearing	7	25	2
254−79	Cup−Bearing	7	26	2
256−311	Bushing−Straight	12	8	1
256−311	Bushing−Straight	2	13	4
281−10	Plug−Pipe	18	5	1
282−2	Clevis	1	19	2
283−8	Pin−Clevis	31	3	1
283−8	Pin−Clevis	29	9	2
283−61	Pin−Clevis	1	18	2
283−87	Pin−Clevis	1	23	2
285−17	Plug	25	20	1
302−5	Fitting−Grease	2	38	1
302−5	Fitting−Grease, Straight	7	21	1
302−55	Fitting−Grease	7	27	1
302−60	Fitting−Grease 90°	31	30	1
302−60	Fitting−Grease 90°	29	33	2
302−60	Fitting−Grease, 90°	7	11	2
304−73	Fitting−Hose Barb	20	3	2
321−3	Screw−HH	8	41	2
322−2	Screw−HH	8	2	2
323−4	Screw−HH	5	18	2
323−8	Screw−HH	24	20	2
323−11	Screw−HH	33	19	3
325−4	Screw−HH	5	10	2
325−4	Screw−HH	31	34	1
325−4	Screw−HH	29	39	2

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. No.	Ref. No.	Qty.
325−6	Screw−HH	29	26	2
325−6	Screw−HH	31	27	1
327−17	Screw−HH	31	24	1
3210−6	Screw−HH	24	8	1
3211−2	Screw−HH	29	15	8
3211−2	Screw−HH	31	25	4
3213−1	Screw−HH	31	14	1
3217−26	Nut−Hex.	10	32	1
3218−2	Nut−Jam	16	29	2
3218−5	Nut−Jam	29	27	4
3218−5	Nut−Jam	31	28	2
3219−14	Nut−Hex.	2	40	1
3219−14	Nut−Jam	12	28	1
3220−1	Nut−Jam	24	38	1
3220−1	Nut−Jam	2	39	1
3220−2	Nut−Jam	1	3	2
3220−2	Nut−Jam	24	32	1
3220−6	Nut−Jam	7	17	4
3220−20	Nut−Jam	3	15	2
3241−6	Screw−HH	21	5	2
3246−3	Screw−Set	5	22	1
3253−3	Washer−Spring Lock	20	32	2
3254−1	Washer−Lock	10	31	1
3254−2	Washer−Lock	16	13	1
3254−2	Washer−Lock, Int	33	6	1
3256−1	Washer−Flat	26	2	2
3256−1	Washer−Flat	18	15	2
3256−1	Washer−Flat	8	23	3
3256−1	Washer−Flat	12	24	1
3256−1	Washer−Flat	2	28	2
3256−1	Washer−Flat	19	30	5
3256−3	Washer−Flat	21	7	4
3256−3	Washer−Flat	33	42	1
3256−7	Washer−Flat	31	8	1
3256−22	Washer−Flat	27	19	2
3256−22	Washer−Flat	20	31	4
3256−22	Washer−Flat	24	31	1
3256−22	Washer−Flat	16	38	2
3256−22	Washer−Flat	21	41	2
3256−23	Washer−Flat	20	30	2
3256−23	Washer−Flat	8	3	4
3256−23	Washer−Flat	3	11	2
3256−23	Washer−Flat	17	14	2
3256−23	Washer−Flat	19	17	2
3256−23	Washer−Flat	12	30	1
3256−24	Washer−Flat	16	10	1
3256−24	Washer−Flat	12	13	1
3256−24	Washer−Flat	21	19	4
3256−24	Washer−Flat	2	35	2
3256−26	Washer−Flat	5	11	2
3256−26	Washer−Flat	33	31	8
3256−27	Washer−Flat	1	24	2
3256−49	Washer−Flat	8	35	1
3256−74	Washer−Flat	31	48	2
3256−77	Washer−Flat	8	7	6
3257−42	Key−Woodruff	3	5	2
3257−42	Key−Woodruff	4	17	1
3269−15	Rivet−Pop	20	21	8
3272−6	Pin−Cotter	1	20	2
3272−11	Pin−Cotter	31	16	1
3272−11	Pin−Cotter	29	23	2
3272−11	Pin−Cotter	1	25	2
3272−37	Pin−Cotter	7	2	1
3273−26	Screw−HSH	12	6	2
3273−26	Screw−HSH	10	11	4
3274−1	Screw−HH	21	20	2
3274−12	Screw−HSH	8	29	4
3274−39	Screw−HSBH	8	6	9
3274−39	Screw−HSBH	5	13	6
3274−39	Screw−HSBH	19	27	1
3274−63	Screw−HSBH	5	7	2
3274−80	Screw−HSBH	5	21	3
3290−93	Screw−HH	10	19	4
3290−277	Nut−Speed	5	25	6
3290−282	Rivet−Pop	8	34	1
3290−354	Plate−Nut	10	17	2
3290−357	Nut−Flange	33	20	3
3290−378	Tie−Cable	10	12	2
3290−378	Tie−Cable	8	18	1
3290−378	Tie−Cable	27	36	1
3290−378	Tie−Cable	16	41	8
3290−378	Tie−Cable	33	46	2
3290−379	Tie−Cable	5	37	1
3290−382	Rivet−Pop	29	38	16
3290−382	Rivet−Pop	31	44	8
3290−415	Rivet−Pop	16	24	2
3290−488	Boot−Control, Lift	10	20	1
3290−489	Knob−Control, Lift	10	21	1
3296−2	Nut−Lock	16	17	2
3296−4	Nut−Lock	24	14	1
3296−12	Nut−Lock	8	8	9
3296−12	Nut−Lock	19	28	1
3296−13	Nut−Lock	24	27	1
3296−13	Nut−Lock	2	30	1
3296−19	Nut−Lock	31	13	1
3296−19	Nut−Lock	29	18	2
3296−27	Nut−Lock	12	4	1
3296−27	Nut−Lock	12	18	2
3296−29	Nut−Hex	24	25	1
3296−29	Nut−Lock	8	15	4
3296−53	Nut−Hex	31	23	1
3296−67	Nut−Lock	7	9	1
32105−13	Screw−HH	16	18	2
32120−72	Ring−Retaining, Ext.	31	18	2
32121−6	Pin−Roll	31	31	2
32121−6	Pin−Roll	29	34	4
32121−7	Pin−Spring	8	11	2
32121−45	Roll Pin	2	5	1
32121−50	Pin−Roll	1	7	1
32128−20	Nut−Lock	2	25	2
32136−9	Nut−Hex	7	1	1
32144−14	Screw−HH	12	3	2
32144−14	Screw−HH	27	3	6
32144−14	Screw−HH	18	4	2
32144−14	Screw−HH	16	5	13
32144−14	Screw−HH	17	6	7
32144−14	Screw−HH	20	7	2
32144−14	Screw−HH	29	8	4
32144−14	Screw−HH	1	10	5
32144−14	Screw−HH	2	10	8
32144−14	Screw−HH	8	21	2
32144−14	Screw−HH	7	32	1
32144−14	Screw−HWH	33	48	2
32144−21	Screw−Phillips Pan Head	5	28	2
32144−44	Screw−HWH	29	32	2
32144−44	Screw−HWH	31	33	1
32149−8	Nut−Keps	10	8	2
32151−13	Ring−Retaining	23	35	1
32151−29	Ring−Retaining	23	30	2
32151−41	Ring−Retaining	28	13	1
32151−104	Ring−Retaining, Ext.	7	12	2
33014−00	Nut−Hex	2	37	1
33023−00	Nut−Lock	1	1	2
33023−00	Nut−Lock	24	1	1
33023−00	Nut−Lock	16	3	5
33023−00	Nut−Lock	2	15	2
33023−00	Nut−Lock	12	27	1
33023−00	Nut−Lock	21	45	2
33023−00	Nut−Lock	26	4	2
33023−00	Nut−Lock	33	8	1
33023−00	Nut−Lock	27	18	2
33023−00	Nut−Lock	20	28	4
33023−00	Nut−Lock	3	19	8
33023−00	Nut−Lock (Europe)	8	32	1
33024−00	Nut−Lock	10	3	4
33024−00	Nut−Lock	12	5	1
33024−00	Nut−Lock	1	8	1
33024−00	Nut−Lock	2	17	4
33024−00	Nut−Lock	24	21	3
33024−00	Nut−Lock	27	33	1
33024−00	Nut−Lock	25	3	4
33024−00	Nut−Lock	20	9	6
33024−00	Nut−Lock	21	13	2
33024−00	Nut−Lock	33	16	11

*Not Illustrated

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33024−00	Nut−Lock	19	31	4
33024−00	Nut−Lock	3	18	2
33025−00	Nut−Lock	12	14	1
33025−00	Nut−Lock	2	33	1
33025−00	Nut−Lock	24	37	3
33025−00	Nut−Lock	33	43	1
33025−00	Nut−Lock	16	9	1
33025−00	Nut−Lock	21	14	2
33026−00	Nut−Lock	33	32	4
33113−008	Screw−HH	26	19	1
33113−012	Screw−HH	8	36	1
33113−016	Screw−HH	16	12	3
33113−016	Screw−HH	18	18	2
33113−016	Screw−HH	19	21	5
33113−016	Screw−HH	20	22	4
33113−016	Screw−HH	8	22	2
33113−016	Screw−HH	33	26	5
33113−020	Screw−HH	3	16	8
33113−020	Screw−HH	27	17	2
33113−025	Screw−HH	20	15	2
33113−030	Screw−HH	24	3	1
33113−030	Screw−HH (Europe)	8	31	1
33113−050	Screw−HH	26	1	2
33113−050	Screw−HH	21	42	2
33113−070	Screw−HH	16	2	2
33114−016	Screw−HH	33	9	1
33114−016	Screw−HH	14	12	2
33114−016	Screw−HH	17	15	2
33114−016	Screw−HH	2	32	4
33114−016	Screw−HH	20	38	1
33114−016	Screw−HH	31	49	2
33114−020	Screw−HH	10	2	4
33114−020	Screw−HH	25	4	8
33114−020	Screw−HH	1	9	1
33114−020	Screw−HH	21	11	5
33114−020	Screw−HH	20	18	5
33114−020	Screw−HH	24	24	1
33114−020	Screw−HH	27	35	1
33114−020	Screw−HHF	33	15	19
33114−025	Screw−HH	24	22	1
33114−025	Screw−HH	25	27	2
33114−030	Screw−HH	21	12	2
33114−030	Screw−HH	3	17	2
33114−030	Screw−HH	24	23	1
33114−090	Screw−HH	19	9	4
33115−016	Screw−HH	2	36	1
33115−020	Screw−HH	17	16	3
33115−020	Screw−HH	18	16	6
33115−020	Screw−HH	19	24	2
33115−035	Screw−HH	24	33	3
33115−040	Screw−HH	16	8	1
33115−040	Screw−HH	12	12	1
33115−040	Screw−HH	21	15	2
33115−050	Screw−HH	33	41	1
33115−090	Screw−HH	2	14	1
33116−060	Screw−HH	3	20	8
33116−130	Screw−HH	33	30	4
33123−016	Screw−Carriage	1	6	2
33124−020	Screw−Carr.	2	6	2
340−2	Fitting−Hydraulic	18	2	1
340−2	Fitting−Hydraulic	26	16	1
340−4	Fitting−Hydraulic	26	8	2
340−7	Fitting−Hydraulic	14	2	1
340−8	Fitting−Hydraulic	21	17	2
340−9	Fitting−Hydraulic	18	7	1
340−9	Fitting−Hydraulic	14	8	1
340−14	Fitting−Hydraulic 45°	3	9	4
340−14	Fitting−Hydraulic 45°	14	35	1
340−17	Fitting−Hydraulic 90°	14	5	1
340−17	Fitting−Hydraulic 90°	21	18	1
340−18	Fitting−Hydraulic	21	21	1
340−70	Nut−Bulkhead	27	2	1
340−74	Nut−Bulkhead	27	1	4
340−74	Nut−Bulkhead	26	10	4
340−77	Fitting−Hydraulic	21	38	1
340−77	Fitting−Hydraulic 90°	14	6	1
340−92	Fitting−Hydraulic	26	7	4
340−92	Fitting−Hydraulic	14	9	1
340−92	Fitting−Hydraulic	27	12	1
340−94	Fitting−Tee	21	43	1
340−98	Fitting−Hydraulic 90°	21	3	1
340−98	Fitting−Hydraulic 90°	26	6	2
340−98	Fitting−Hydraulic 90°	27	13	2
340−103	Fitting−Hydraulic 45°	14	10	1
340−115	Fitting−Tee	21	36	1
340−132	Fitting−Hydraulic	7	15	2
340−132	Fitting−Hydraulic 90°	31	1	1
340−132	Fitting−Hydraulic 90°	29	2	4
340−132	Fitting−Hydraulic 90°	14	7	1
340−133	Fitting−Hydraulic	5	17	2
340−138	Fitting−Hydraulic 45°	14	3	1
340−140	Tee−Hydraulic	14	11	1
351−78	Edging	8	39	1
351−80	Clip−Edging	8	42	1
353−599	Pin−Dowel	28	3	2
353−988	Plug	18	19	1
353−988	Plug	21	22	1
353−988	Plug	15	10	1
353−989	Plug	15	6	6
353−990	Plug	19	39	1
353−991	Plug	26	5	1
353−991	Plug	15	4	9
354−46	Ring−Seal	28	8	1
354−50	Screw−Hex Socket Hd.	28	1	4
354−51	Washer	28	2	4
354−70	Plug	15	17	2
354−73	Fitting−Hydraulic	18	9	2
354−78	Fitting−Barb	18	1	1
354−120	Fitting−Barb	19	13	2
354−121	Fitting−Barb	19	10	2

*Not Illustrated

PRODUCT CHANGES

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

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The Greensmaster 3200 has two identification numbers; a model number and a serial number. The two numbers are stamped on a plate which is located on the main frame under the seat. In any correspondence concerning the Greensmaster 3200, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:
1. Model and serial number of the Greensmaster 3200.
2. Part number, description, and the quantity of part(s) desired.

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

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Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

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