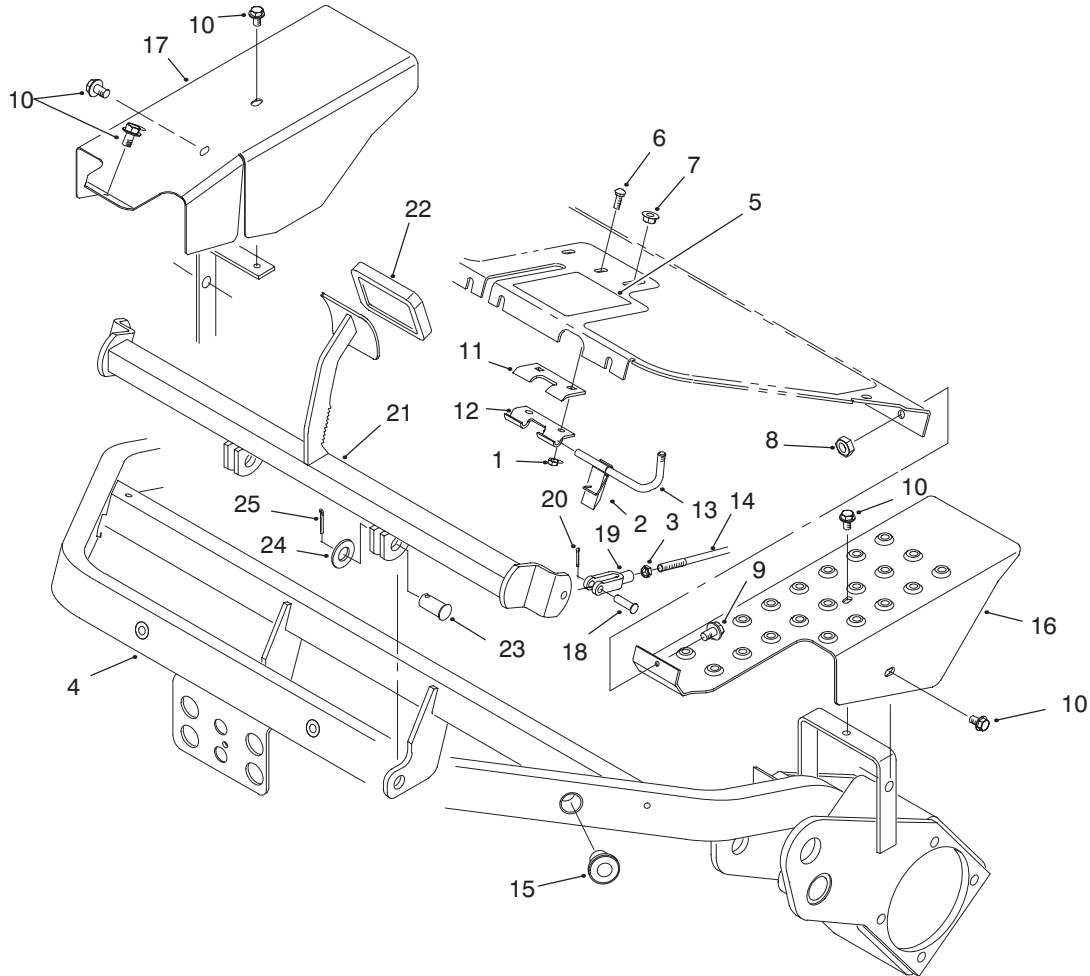




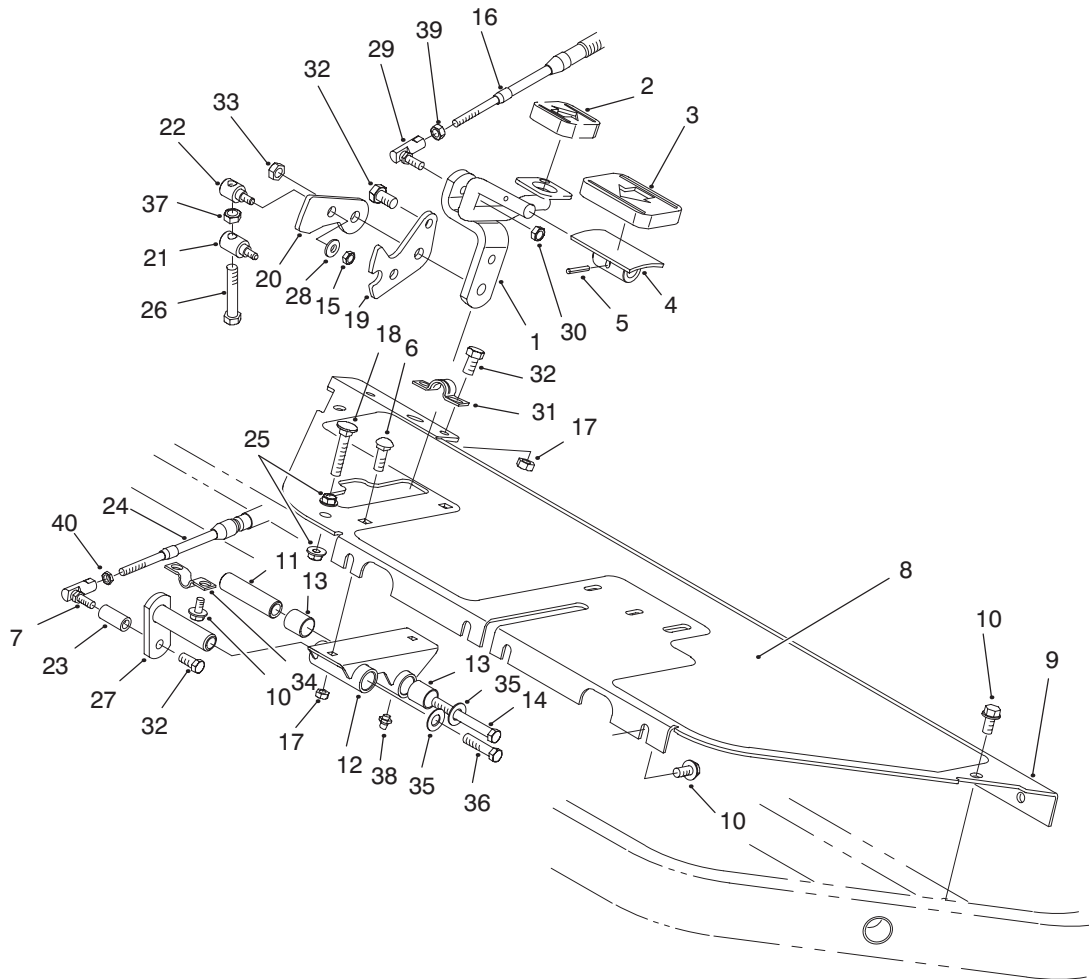
MODEL NO. 04380-60001 &amp; UP

PARTS  
CATALOGGREENSMASTER 3200  
TRACTION UNIT

T-2222A

## FRAME &amp; BRAKE PEDAL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	33023-00	Nut - Lock	2	14	93-2069	Rod - Brake	2
2	93-2276	Spring - Brake Latch	1	15	83-1700	Bushing - Flange	3
3	3220-2	Nut - Jam	2	16	93-2073	Shield - Wheel LH	1
4	93-2010	Frame	1	17	93-2072	Shield - Wheel RH	1
5	93-8062	Decal - Parking Brake	1	18	283-61	Pin - Clevis	2
6	33123-016	Screw - Carriage	2	19	282-2	Clevis	2
7	32141-111	Nut - Adjustable	1	20	3272-6	Pin - Cotter	2
8	33024-00	Nut - Lock	1	21	93-2075	Brake Pedal	1
9	33114-020	Screw - HH	1	22	93-7629	Pad - Foot Brake	1
10	32144-14	Screw - HH	5	23	283-87	Pin - Clevis	2
11	10-7880	Hinge - Upper	1	24	3256-27	Washer - Flat	2
12	10-7890	Hinge - Lower	1	25	3272-11	Pin - Cotter	2
13	93-2080	Brake Latch	1				

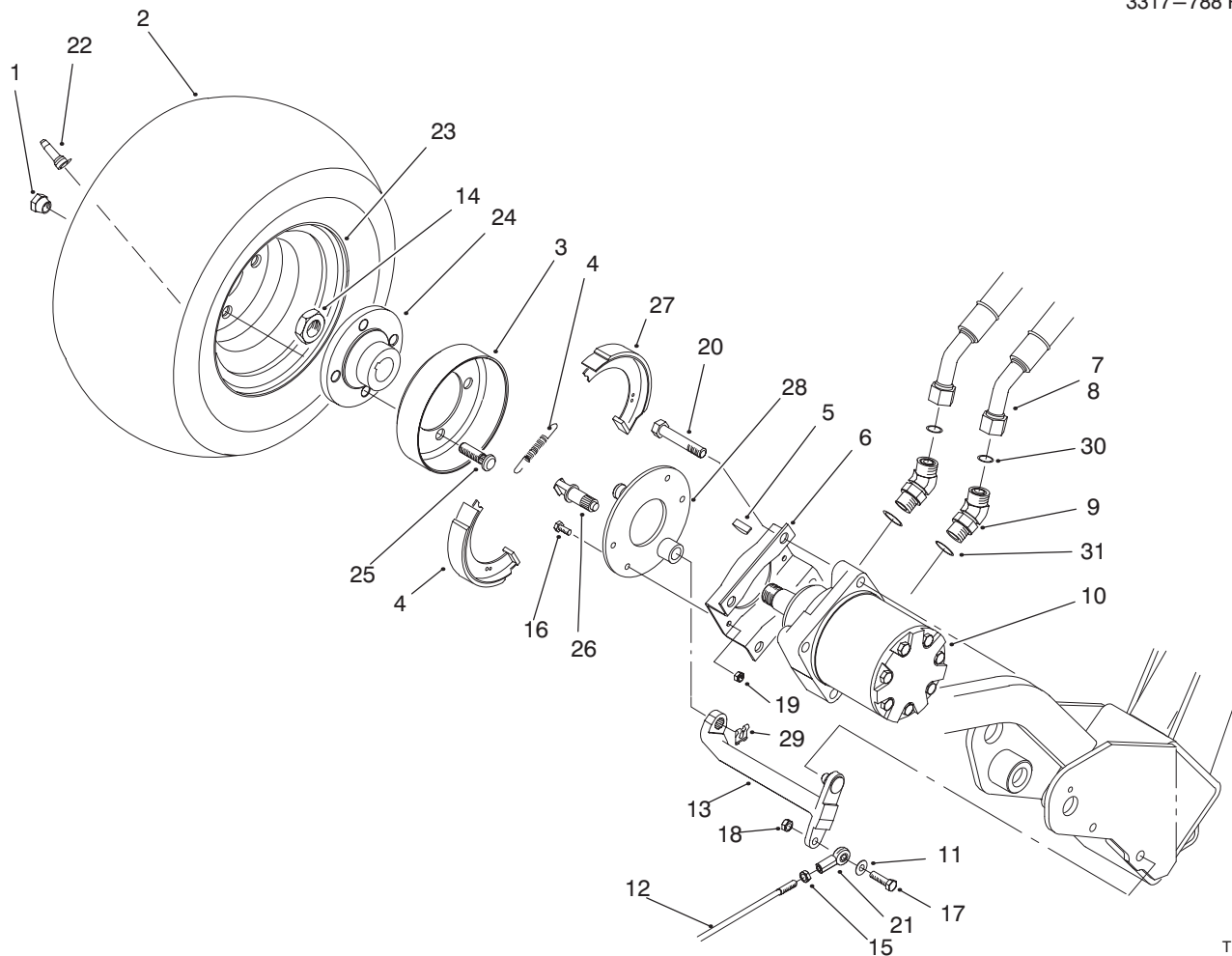


T-2242B

## 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	Ball Joint Assembly	1
8	93-2142	Pad - Floor Plate	1
9	93-2141	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	Trunion Lock Bracket	1
22	94-1374	Trunion 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



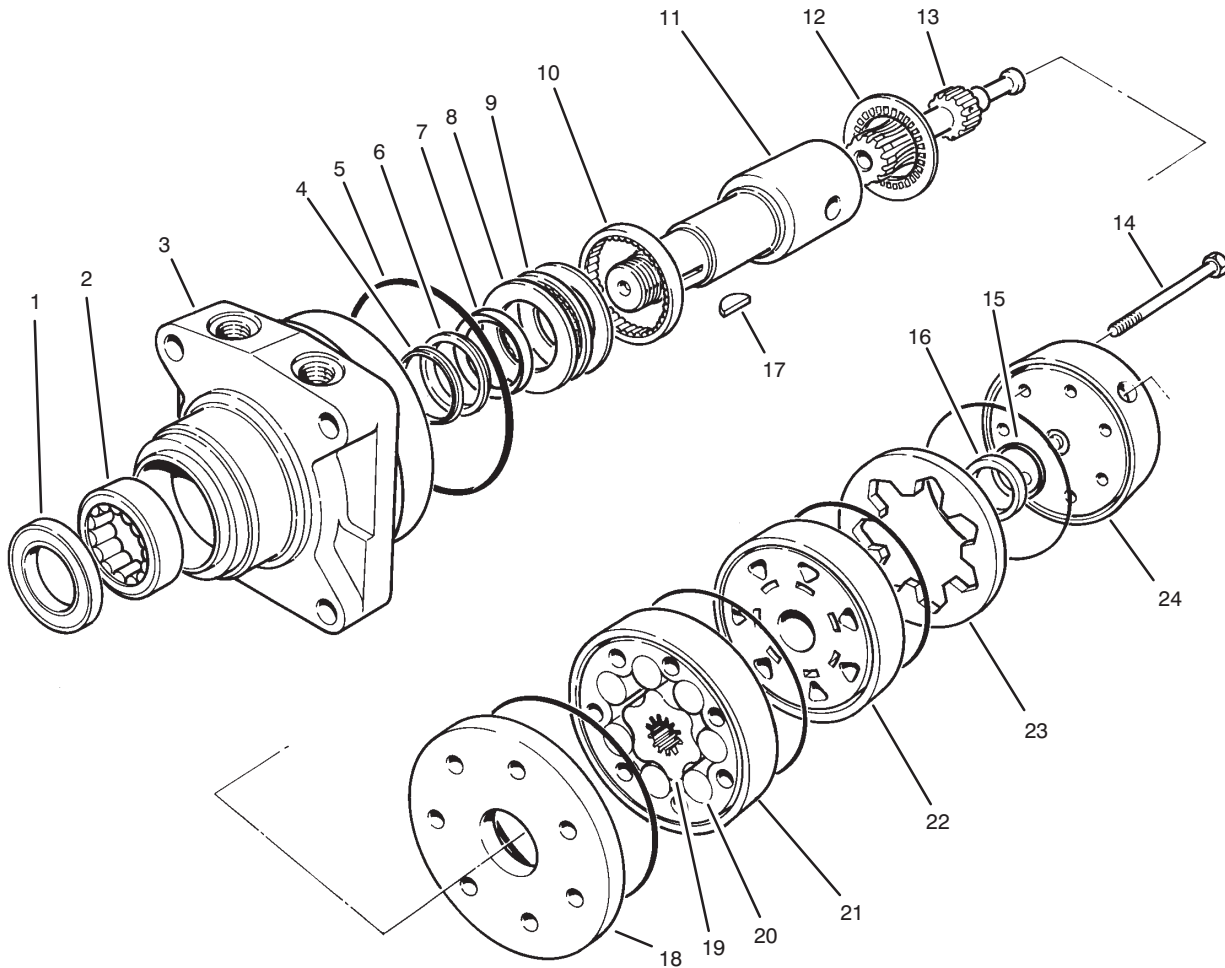
T-2223A

## 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	Hose Assembly - RH	2
8	94-5358	Hose Assembly - 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

Ref. No.	Part No.	Description	No. Used
18	33024-00	Nut - Lock NI	2
19	33023-00	Nut - Lock NI	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	Brake Drum Assembly (Incl. Ref. #3 & 24-25)	2
*	71-1500	Brake Assembly (Incl. Ref. #4 & 26-29)	2

\*Not Illustrated



T-0983

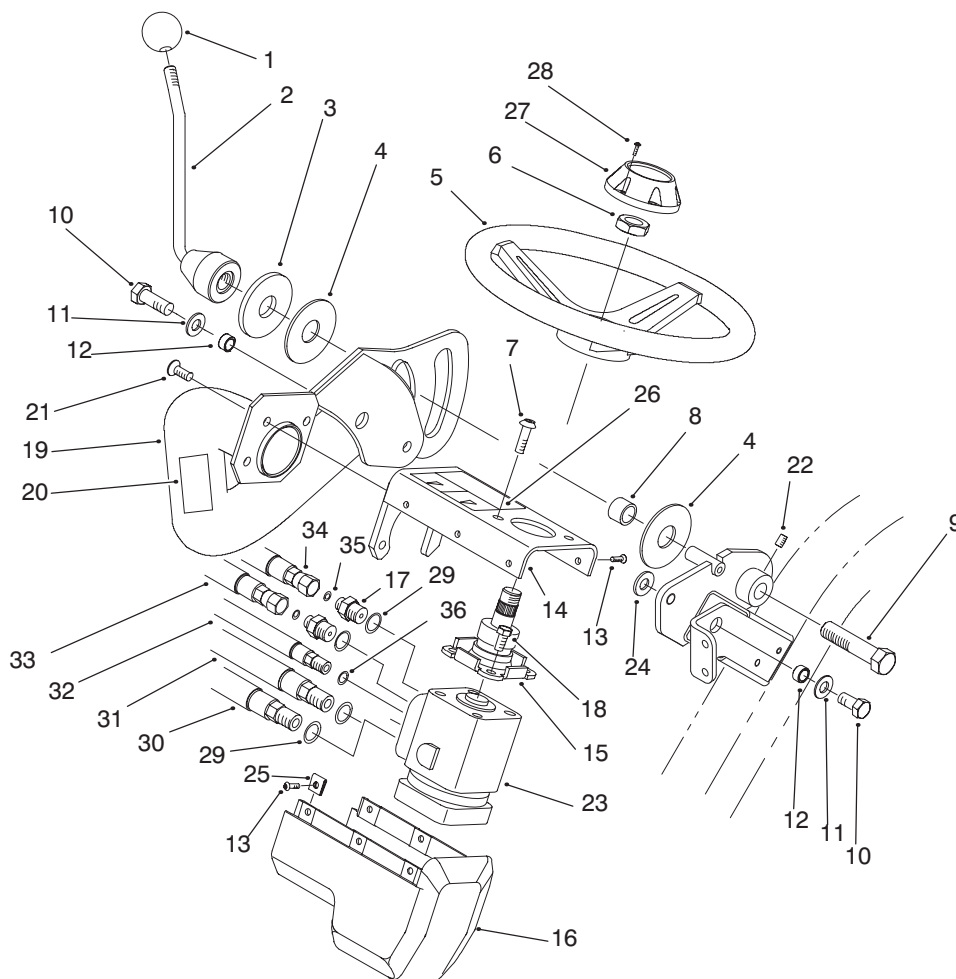
## HYDRAULIC DRIVE MOTOR ASSEMBLY NO. 92-9199

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 – Cap Hex. Hd.	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	End Cover Assembly	1
*	92-9763	Rotor Set (Incl. Ref. #19-21)	1
*	76-0880	Commutator Assembly (Incl. Ref. #15, 16 & 23)	1
*	76-0800	Seal Kit (Incl. Ref. #1, 4-7 & 15)	1
*	76-0810	Housing Assembly (Incl. Ref. #2, 3 & 8-10)	1

\*Not Illustrated

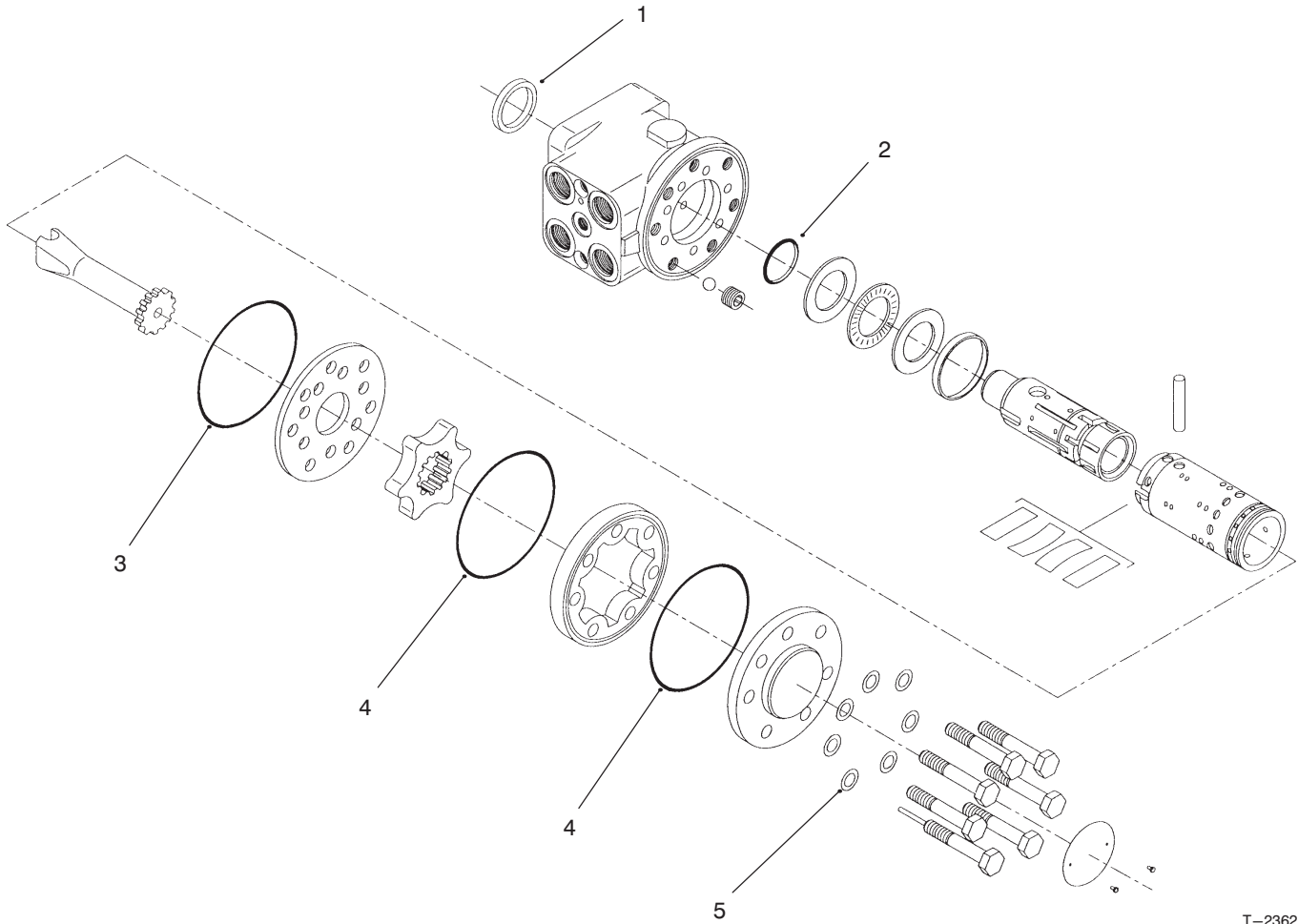
†Not Serviced Separately



T-2224A

## STEERING ARM ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	233-48	Knob	1	18	323-4	Screw - HH	2
2	93-2400	Lockup Handle	1	19	93-2115	Steering Arm	1
3	83-0760	Spacer - Lockup	1	20	93-8068	Decal - Steering Arm	1
4	83-0740	Disc - Friction	2	21	3274-80	Screw - HSBH	3
5	68-5130	Wheel - Steering (Incl. Ref. #27-28)	1	22	3242-2	Screw - Set	1
6	47-6990	Nut - Steering Wheel	1	23	93-2120	Steering Control Valve	1
7	3274-63	Screw - HSBH	2	24	65-6390	Washer - Thrust	1
8	83-0730	Spacer - Lockup	1	25	3290-277	Nut - Speed	6
9	93-2199	Screw - HH	1	26	93-8063	Decal - Warning	1
10	325-4	Screw - HH	2	27	68-5140	Cap - Steering Wheel	1
11	3256-26	Washer - Flat	2	28	32144-21	Screw - Phillips Pan Head	2
12	47-2890	Bushing	2	29	237-79	O-Ring	4
13	3274-39	Screw - HSBH	6	30	93-2272	Hose Assembly	1
14	94-3461	Steering Cover	1	31	93-2252	Hose Assembly	1
15	83-1420	Steering Column Assembly	1	32	93-2269	Hose Assembly	1
16	83-0810	Cover - Steering Valve	1	33	93-2270	Hose Assembly	1
17	340-133	Fitting - Hydraulic (Incl. Ref. #29-30)	2	34	93-2271	Hose Assembly	1
				35	237-21	O-Ring	2
				36	237-42	O-Ring	1



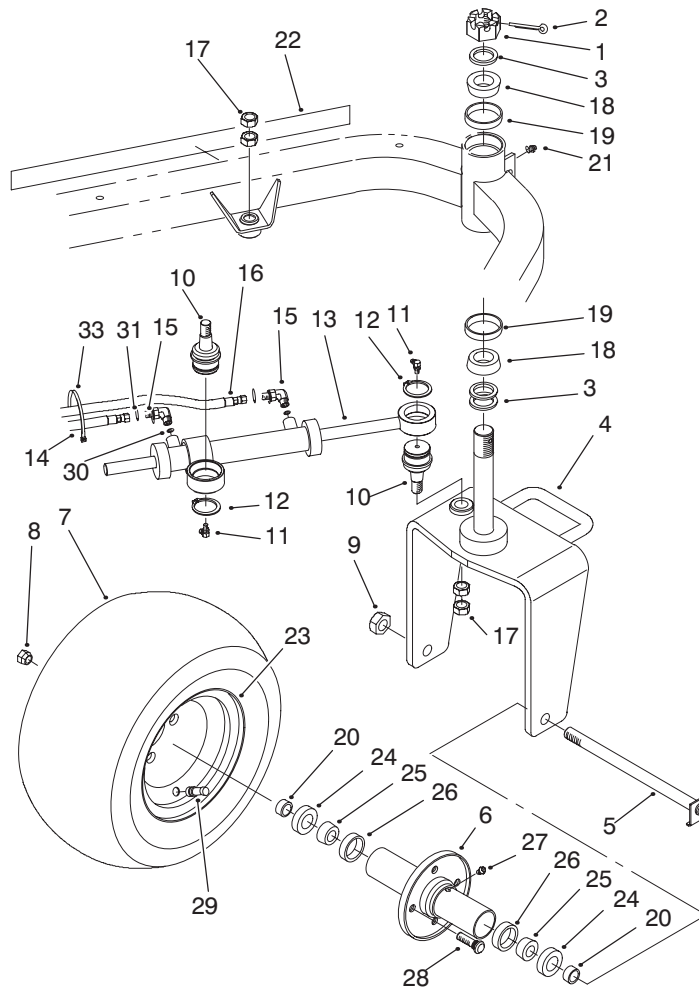
T-2362

## 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

Ref. No.	Part No.	Description	No. Used
†5		Washer	7
*	94-4929	Kit – Seal (Incl. Ref. #1-5)	1

† Not Serviced Separately.

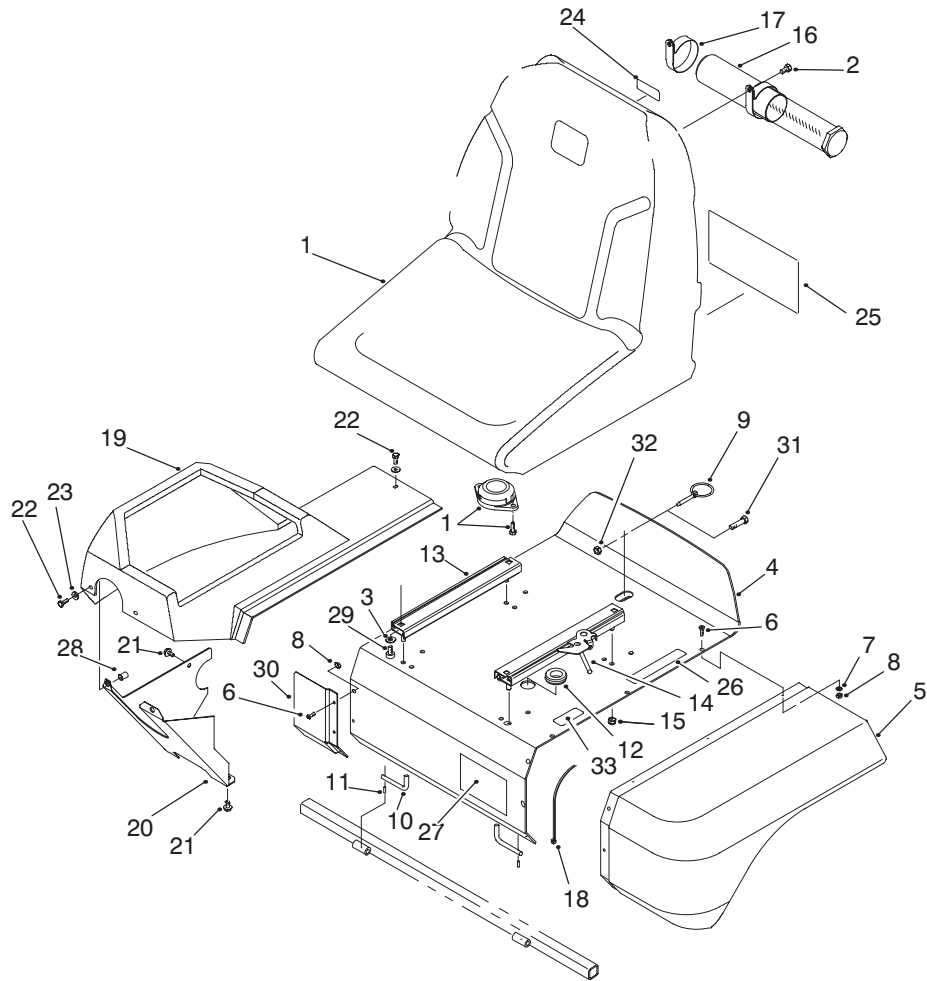


T-2225A

## REAR WHEEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	32136-9	Nut - Hex	1	17	3220-6	Nut - Jam	4
2	3272-37	Pin - Cotter	1	18	254-70	Bearing Cone	2
3	18-6320	Washer - Steering	3	19	254-61	Bearing - Cup	2
4	93-2125	Castor Fork	1	20	74-3730	Spacer - Cylinder	2
5	5-3934	Bolt	1	21	302-5	Fitting - Grease, Str.	1
6	75-9440	Hub - Wheel	1	22	93-2234	Decal - GR3200	2
7	28-3680	Tire	1	23	217-60	Rim	1
8	242-50	Nut - Lug	4	24	253-111	Seal - Shaft	2
9	3296-67	Nut - Lock NI	1	25	254-78	Cone - Bearing	2
10	92-5838	Ball Joint	2	26	254-79	Cup - Bearing	2
11	302-60	Fitting - Grease, 90°	2	27	302-55	Fitting - Grease	1
12	32151-104	Ring - Retaining, Ext.	2	28	10-6830	Stud - Drive	4
13	93-2122	Cylinder Asm - Steering (Incl. Ref. #32)	1	29	232-27	Valve Stem w/Cap	1
14	93-2270	Hose Assembly	1	30	237-78	O-Ring	2
15	340-132	Fitting - Hydraulic	2	31	237-21	O-Ring	2
16	93-2269	Hose Assembly	1	*32	94-4398	Kit - Seal, Repair	1
				33	3290-378	Tie - Cable	1

\*Not Illustrated



T-2226B

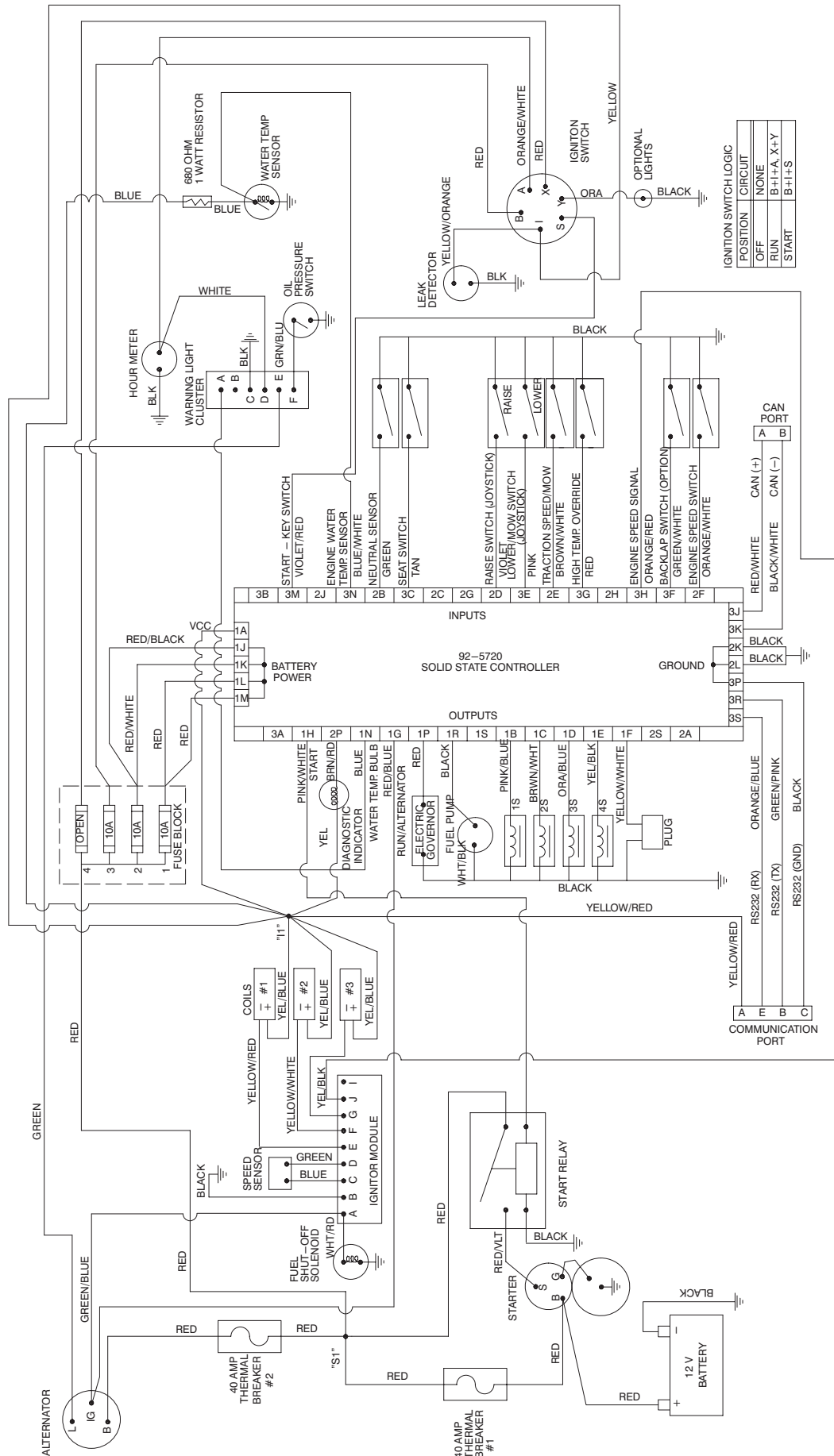
## SEAT ASSEMBLY

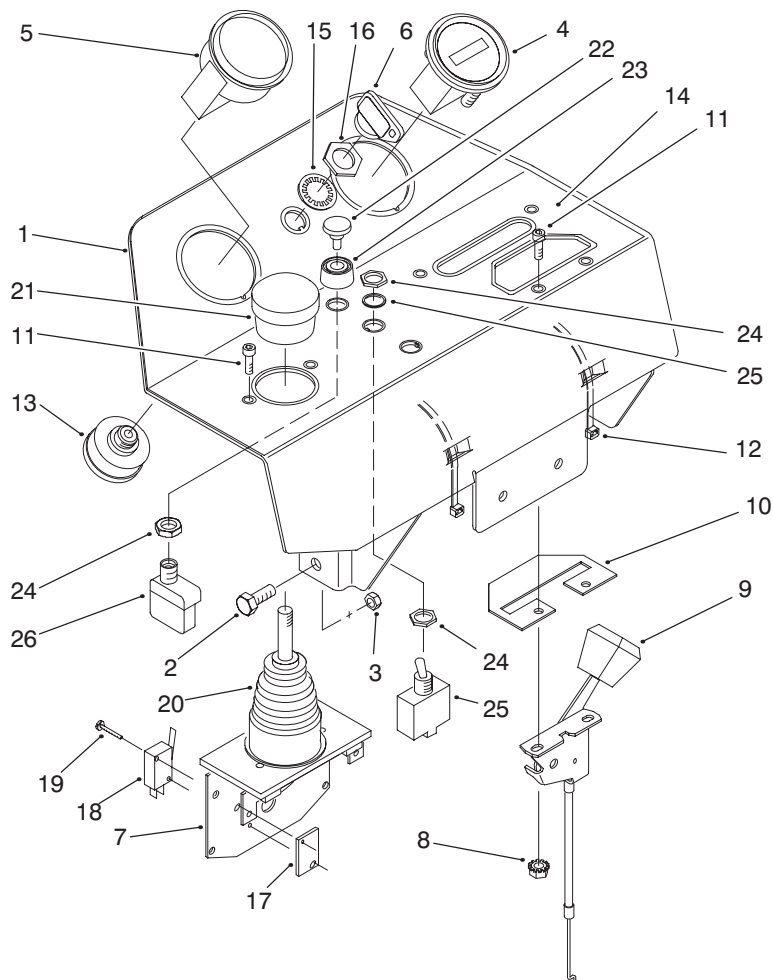
Ref. No.	Part No.	Description	No. Used
1	92-6280	Seat	1
2	322-2	Screw - HH	2
3	3256-23	Washer - Flat	4
4	93-2135	Support - Seat	1
5	93-2128	Panel - Seat Base	1
6	3274-39	Screw - HSBH	9
7	3256-77	Washer - Flat	6
8	3296-12	Nut - Lock	9
9	283-72	Pin - Lynch	1
10	93-2422	Rod - Seat Pivot	2
11	32121-7	Pin - 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	3
23	3256-1	Washer - Flat	3

Ref. No.	Part No.	Description	No. Used
24	93-6686	Decal - Hydraulic Oil	1
25	94-1352	Decal - Service	1
25	94-4550	Decal - Service (Danish)	1
25	94-4551	Decal - Service (Dutch)	1
25	94-4552	Decal - Service (Finnish)	1
25	94-4553	Decal - Service (French)	1
25	94-4554	Decal - Service (German)	1
25	94-4555	Decal - Service (Italian)	1
25	94-4556	Decal - Service (Japanese)	1
25	94-4557	Decal - Service (Norwegian)	1
25	94-4558	Decal - Service (Portuguese)	1
25	94-4559	Decal - Service (Spanish)	1
25	94-4560	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 NI (Europe)	1
33	93-7252	Decal - CE Mark	1



# ELECTRICAL SCHEMATIC



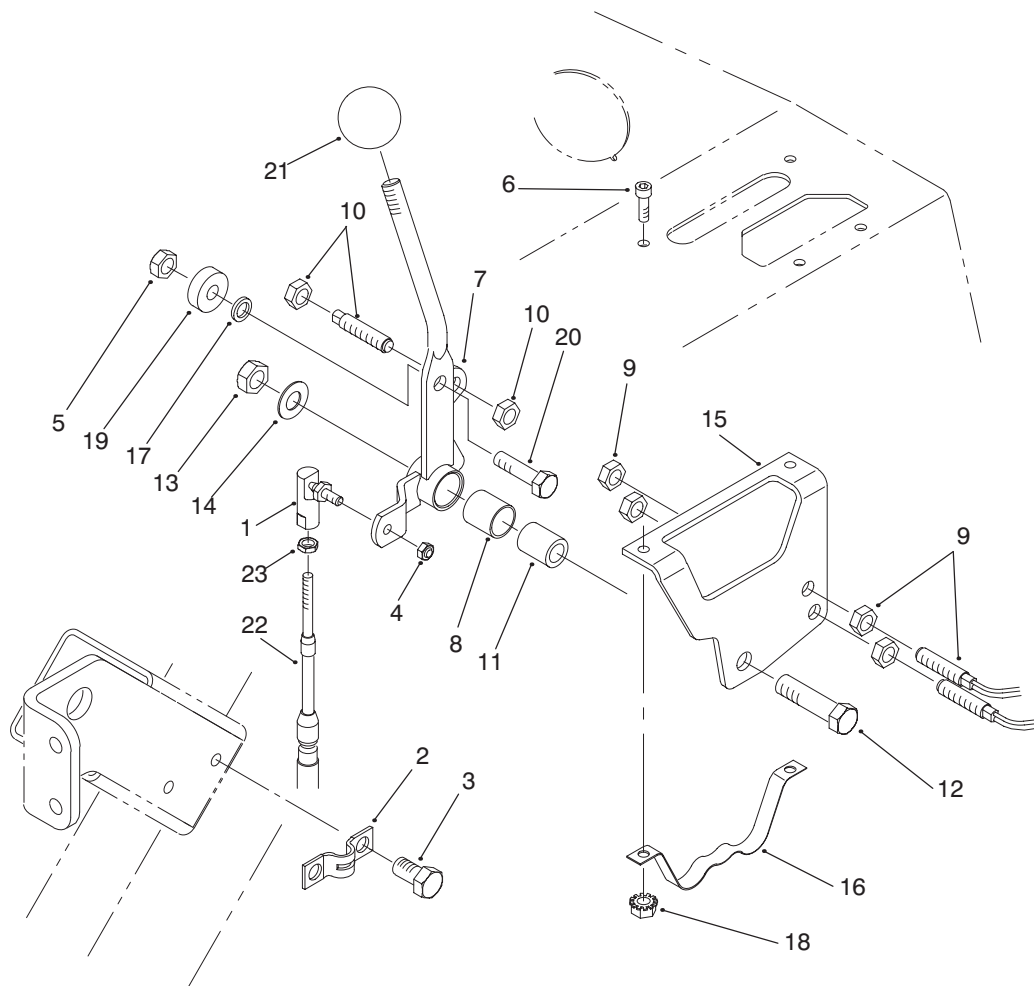


T-2235A

## 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 NI	4
4	66-2950	Gauge - Hour Meter	1
5	93-7053	Warning Light Cluster	1
6	63-8360	Key - Ignition	2
7	75-3420	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

Ref. No.	Part No.	Description	No. Used
15	218-446	Washer - Lock	1
16	218-447	Nut - Hex.	1
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



T-2265

## TRACTION HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2411-38	Ball Joint	1	13	33025-00	Nut - Lock NI	1
2	93-2279	Clamp - Cable	1	14	3256-24	Washer - Flat	1
3	33113-008	Screw - HH	2	15	93-2058	Bracket - Traction	1
4	3296-27	Nut - Lock	1	16	93-2064	Spring - Detent	1
5	33024-00	Nut - Lock NI	1	17	75-5470	Spacer	1
6	3273-26	Screw - HSH	2	18	32149-8	Nut - Keps	2
7	94-1353	Handle	1	19	251-259	Bearing - Ball	1
8	256-311	Bushing - Straight	1	20	33114-030	Screw - HH	1
9	93-2055	Reed Switch - Sensor	2	21	233-42	Knob	1
10	93-2056	Reed Switch - Actuator	1	22	94-1304	Cable - Neutral Lock (Incl. Ref. #23)	1
11	94-1378	Tube - Handle Pivot	1	23	3219-14	Nut - Jam	1
12	33115-040	Screw - HH	1				

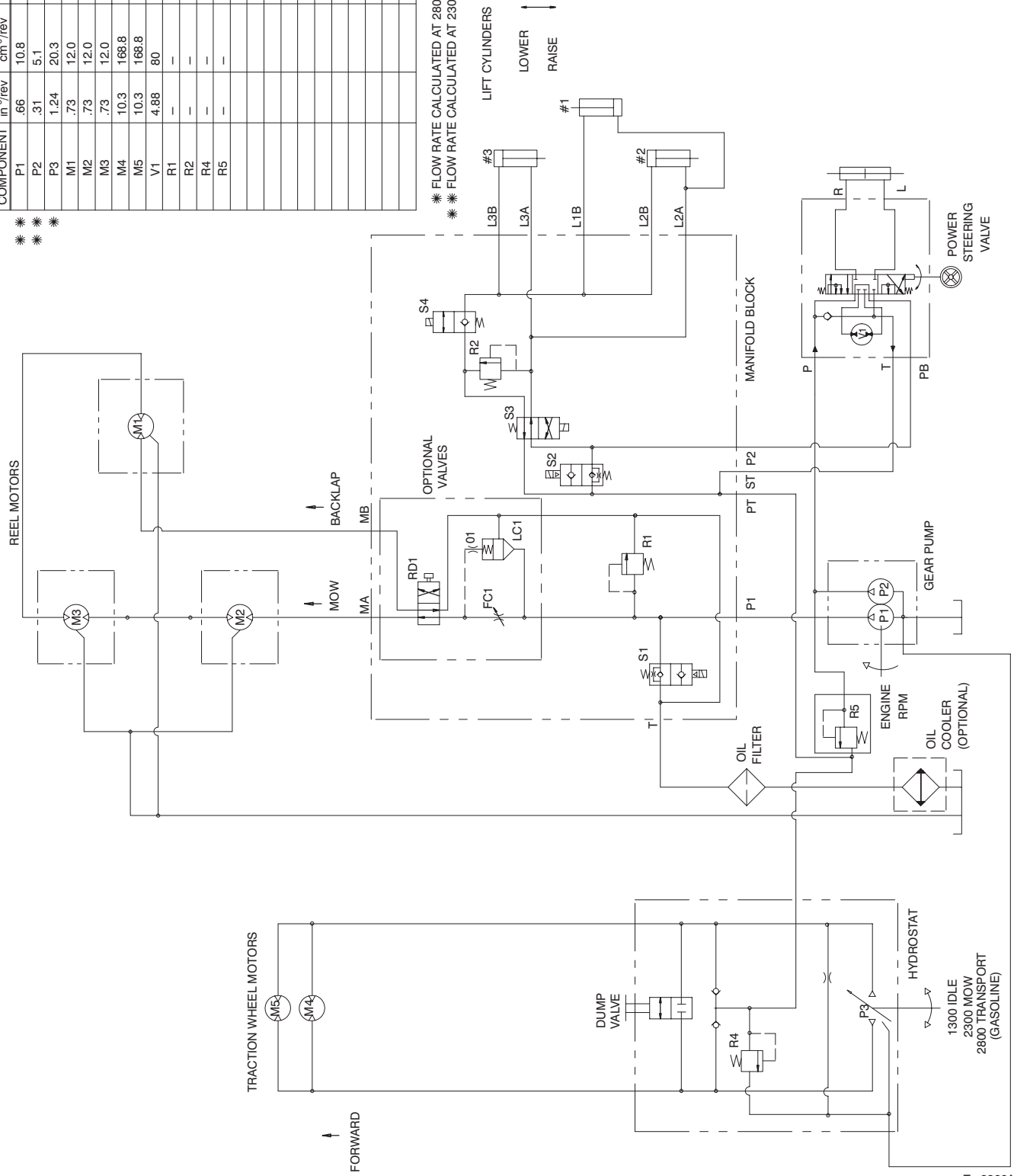
# HYDRAULIC SCHEMATIC

DISPLACEMENT, FLOW RATE, AND PRESSURE CHART

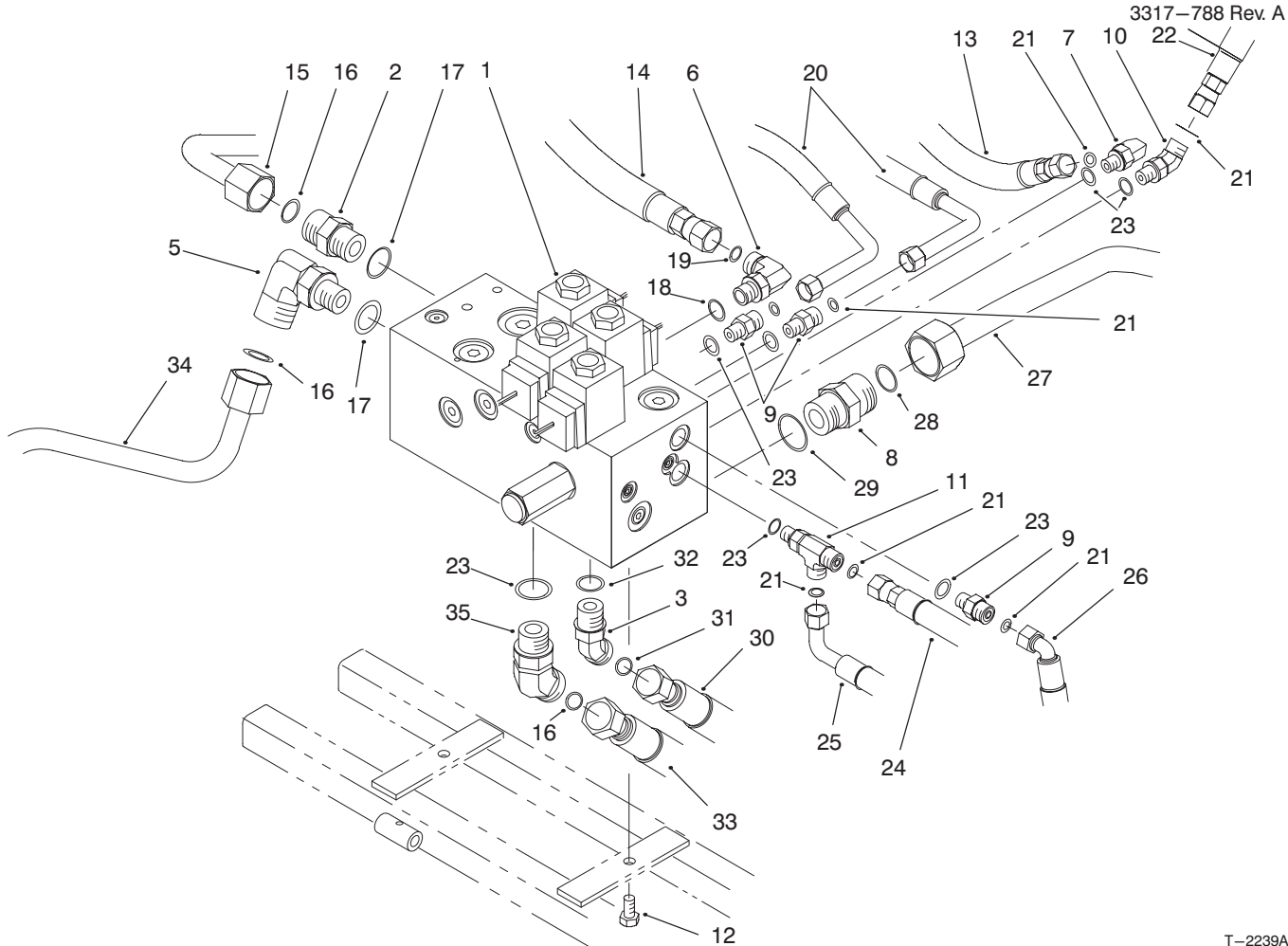
COMPONENT	DISPLACEMENT		PRESSURE		FLOW RATE	
	in <sup>3</sup> /rev	cm <sup>3</sup> /rev	lbs/in <sup>2</sup>	BARS	GPM	LPM
P1	.66	10.8	-	-	6.4	24.2
P2	.31	5.1	-	-	3.0	11.4
P3	1.24	20.3	-	-	14.8	55.8
M1	.73	12.0	-	-	-	-
M2	.73	12.0	-	-	-	-
M3	.73	12.0	-	-	-	-
M4	10.3	168.8	-	-	-	-
M5	10.3	168.8	-	-	-	-
V1	4.88	80	-	-	-	-
R1	-	-	2400	166	-	-
R2	-	-	150	10	-	-
R4	-	-	100	7	-	-
R5	-	-	1000	69	-	-

\* \* \* \* \*  
 \* \* \* \* \*

\* FLOW RATE CALCULATED AT 2800 RPM AND 98% EFFICIENCY  
 \* FLOW RATE CALCULATED AT 2300 RPM AND 98% EFFICIENCY



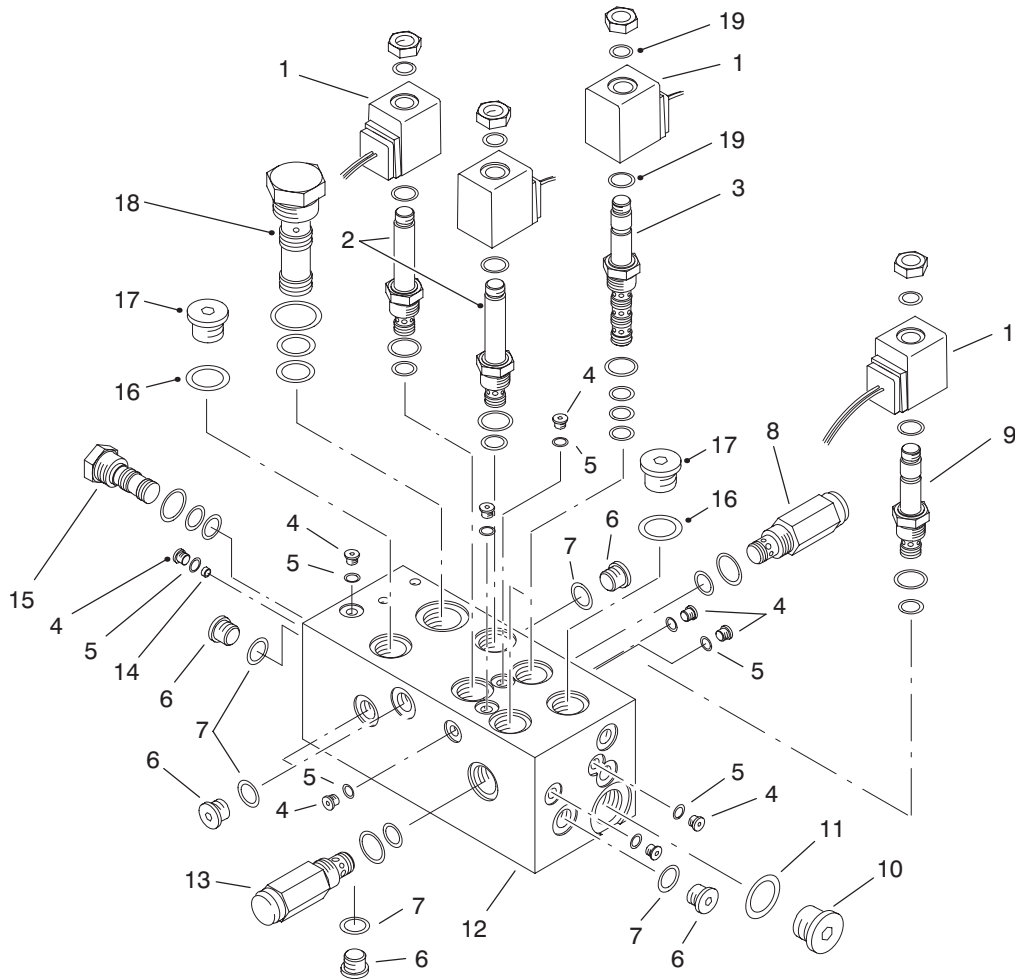
T-2266A



T-2239A

## MANIFOLD INSTALLATION ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	93-2240	Manifold Assembly	1	15	94-1317	Tube - Hydraulic	1
2	340-7	Fitting - Hydraulic (Incl. Ref. #16-17)	1	16	237-65	O-Ring	3
3	340-138	Fitting - Hydraulic 45° (Incl. Ref. #31-32)	1	17	237-80	O-Ring	2
5	340-17	Fitting - Hydraulic 90° (Incl. Ref. #16-17)	1	18	237-42	O-Ring	1
6	340-77	Fitting - Hydraulic 90° (Incl. Ref. #18-19)	1	19	237-22	O-Ring	1
7	340-132	Fitting - Hydraulic 90° (Incl. Ref. #21 & 23)	1	20	93-2254	Tube - Hydraulic	2
8	340-9	Fitting - Hydraulic (Incl. Ref. #28-29)	1	21	237-21	O-Ring	7
9	340-92	Fitting - Hydraulic (Incl. Ref. #21 & 23)	3	22	94-3477	Hose Assembly	1
10	340-103	Fitting - Hydraulic 45° (Incl. Ref. #21 & 23)	1	23	237-78	O-Ring	7
11	340-140	Tee - Hydraulic (Incl. Ref. #21 & 23)	1	24	93-2258	Hose Assembly	1
12	33114-016	Screw - HH	2	25	93-2256	Hose Assembly	1
13	93-2271	Hose Assembly	1	26	93-2255	Hose Assembly	1
14	93-2272	Hose Assembly	1	27	94-4518	Tube - Hydraulic	1
				28	237-58	O-Ring	1
				29	237-81	O-Ring	1
				30	94-1331	Hose Assembly	1
				31	237-30	O-Ring	1
				32	237-79	O-Ring	1
				33	94-1332	Hose Assembly	1
				34	94-1320	Tube - Hydraulic	1
				35	340-14	Fitting - Hydraulic (Incl. Ref. #16 & 23)	1



T-2251A

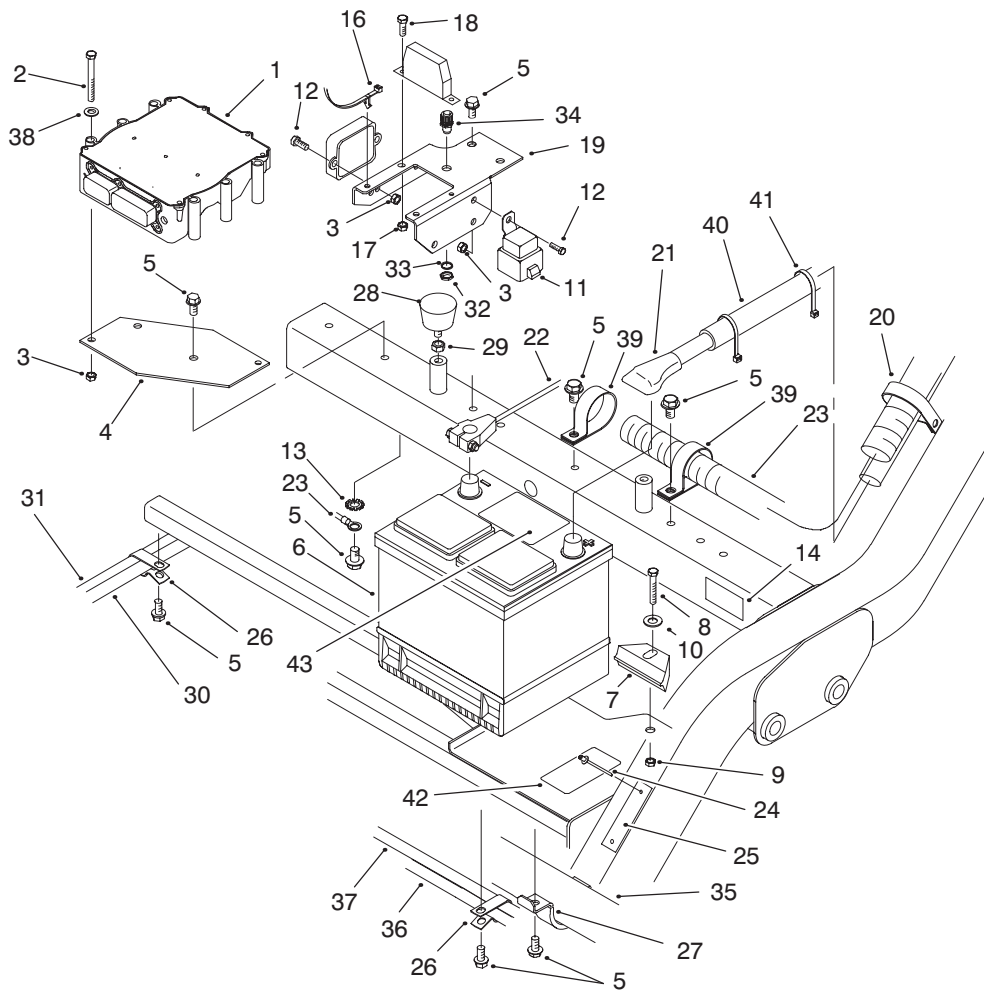
## MANIFOLD ASSEMBLY NO. 93-2240

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	75-2010	Cartridge - Relief 2000 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	94-6354	Plug - Orifice	1
15	94-6353	Cartridge Valve Assembly (use Seal Kit #69-4240)	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	Seal Kit	5
*	69-4240	Seal Kit	1
*	75-2090	Seal Kit	1
*	94-3661	Seal Kit	1

\*Not Illustrated

†Not Serviced Separately

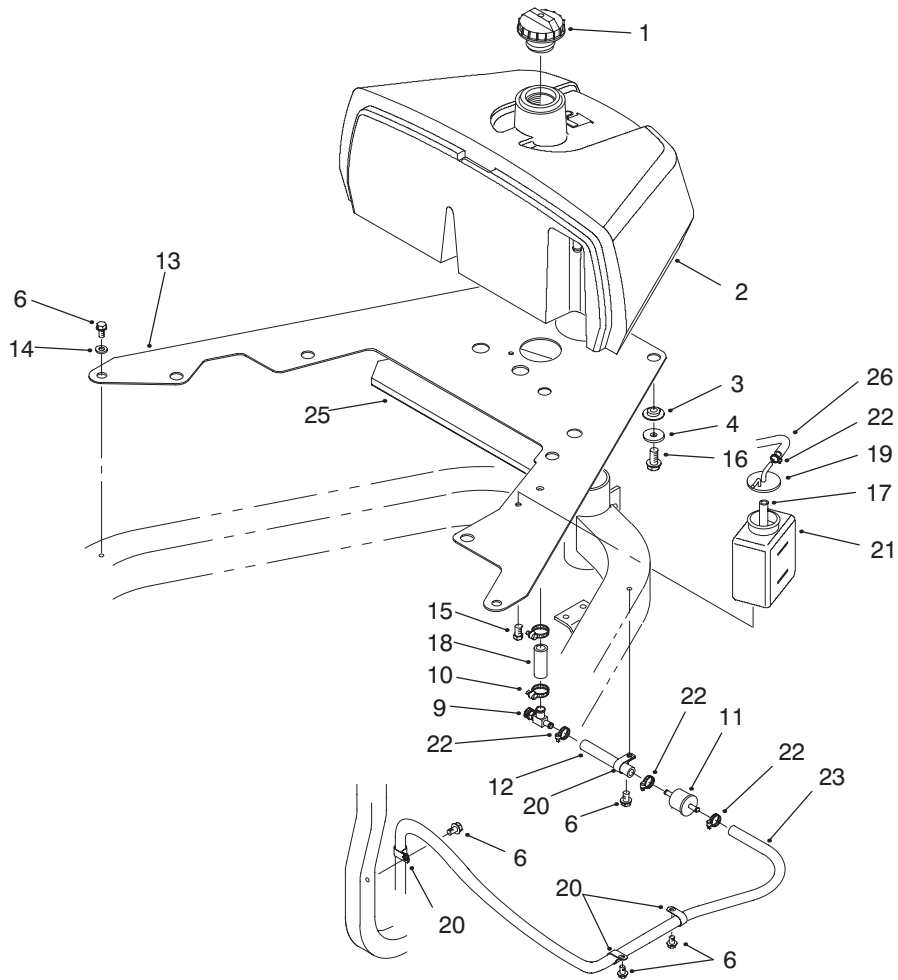


T-2238A

## BATTERY & CONTROLLER ASSEMBLY

Ref. No.	Part No.	Description	No. Used	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	22	93-2344	Cable – Battery, Negative	1
2	33113-070	Screw – HH	2	23	93-2349	Wire Harness (Incl. Ref. #32-34)	1
3	33023-00	Nut – Lock NI	5	24	3290-415	Rivet – Pop	2
4	93-2089	Bracket – Controller	1	†25		Serial Plate	1
5	32144-14	Screw – HH	13	26	92-5753	Clamp – Hose, Double	2
6	66-2750	Battery	1	27	93-2036	Clamp – Air Hose	1
7	66-2490	Retainer – Battery	1	28	68-3270	Bumper – Rubber	2
8	33115-040	Screw – HH	1	29	3218-2	Nut – Jam	2
9	33025-00	Nut – Lock NI	1	30	93-2269	Hose Assembly	1
10	3256-24	Washer – Flat	1	31	93-2270	Hose Assembly	1
11	70-1480	Relay	1	†32		Nut – Lock	1
12	33113-016	Screw – HH	3	†33		Washer – Lock	1
13	3254-2	Washer – Lock	1	34	85-4491	Lamp – Diagnostic	1
14	88-1270	Decal – Safety Standard	1	35	93-2035	Hose – Air Cleaner	1
16	94-1325	Push Mount Tie	2	36	93-2255	Hose Assembly	1
17	3296-2	Nut – Lock	2	37	93-2256	Hose Assembly	1
18	32105-13	Screw – HH	2	38	3256-22	Washer – Flat	2
19	93-2123	Bracket – Fuse Block	1	39	2412-39	Clamp – R	2
20	2412-104	Clamp – R	3	40	94-4519	Tube – Convolved	1
21	93-2343	Cable – Battery, Positive	1	41	3290-378	Tie – Cable	2
				42	93-6668	Decal – Battery	1
				43	93-7276	Decal – Danger	1

†Not Serviced Separately



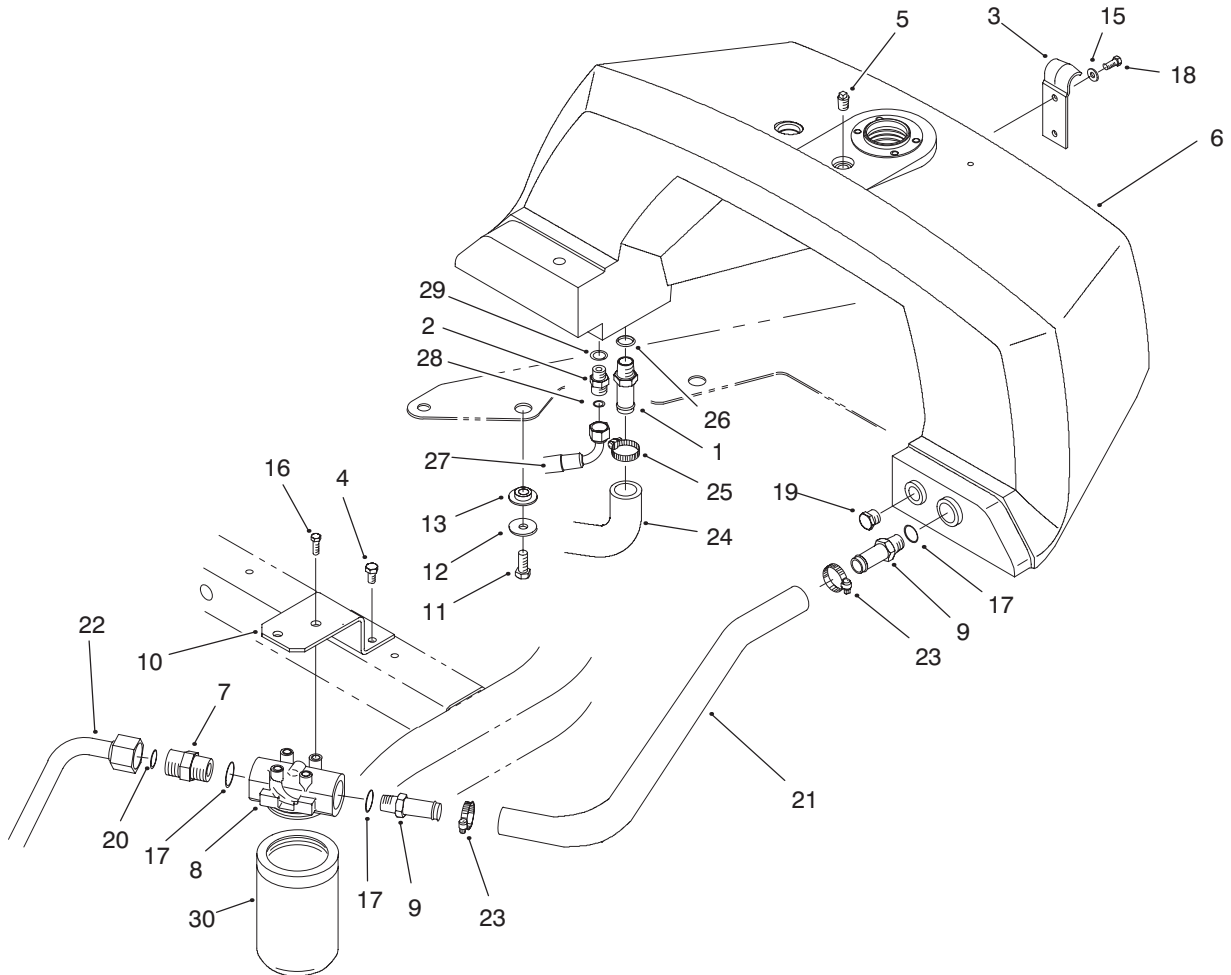
T-2232A

## 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	63-8410	Washer - Flat	3
6	32144-14	Screw - HH	7
9	83-1390	Fitting - Fuel Shutoff	1
10	2412-36	Clamp - Hose	2
11	94-2690	Filter - Fuel	1
12	93-2227	Hose - Fuel	1
13	94-1364	Plate	1
14	3256-23	Washer - Flat	2

Ref. No.	Part No.	Description	No. Used
15	33114-016	Screw - HH	2
16	33115-025	Screw - HH	3
17	94-1348	Hose - Tank, Recovery	1
18	94-4353	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	4
23	93-2228	Hose - Fuel	1
25	94-3474	Pad - Thermal	1
26	93-2260	Hose - Expansion Tank	1

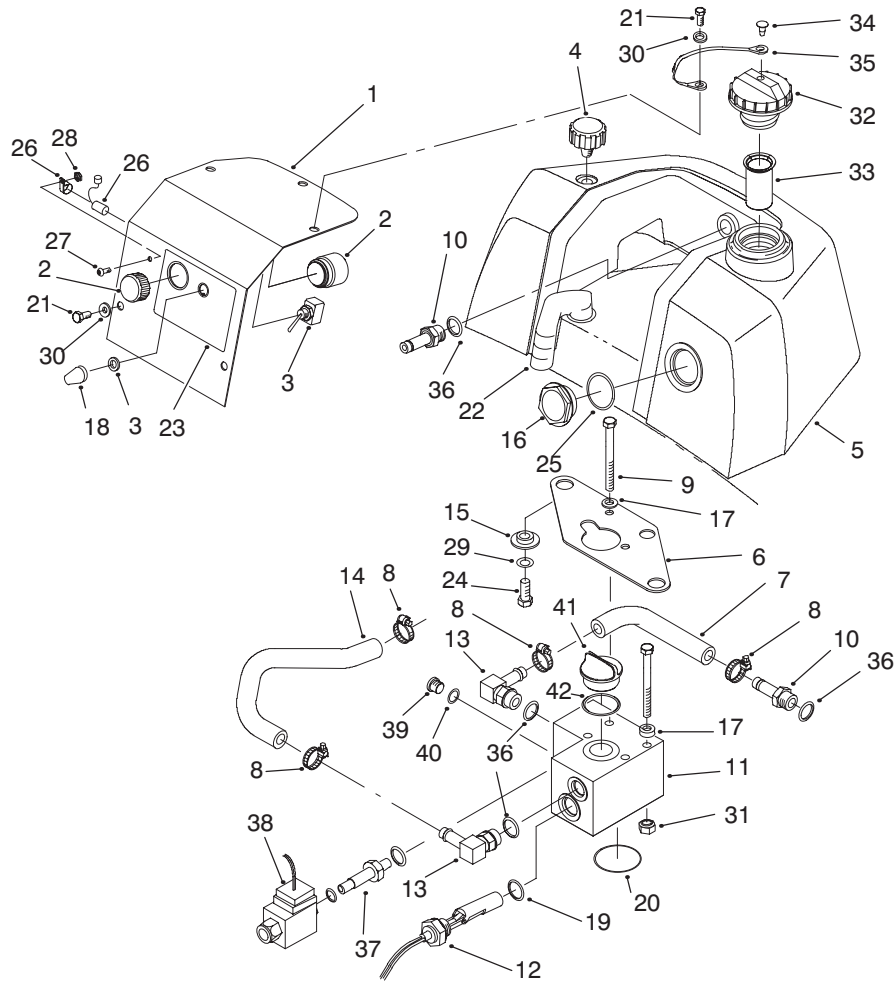




T-2233A

## HYDRAULIC RESERVOIR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	354-78	Fitting - Barb (Incl. Ref. #26)	1	13	240-11	Grommet	4
2	340-2	Fitting - Hydraulic (Incl. Ref. #28-29)	1	15	3256-1	Washer - Flat	2
3	93-2438	Clamp - Fuel Tank	1	16	33115-020	Screw - HH	2
4	32144-14	Screw - HH	2	17	237-81	O-Ring	3
5	281-10	Plug - Pipe	1	18	33113-016	Screw - HH	2
6	93-2235	Tank - Hydraulic	1	19	353-988	Plug	1
7	340-9	Fitting - Hydraulic (Incl. Ref. #17 & 20)	1	20	237-58	O-Ring	1
8	93-2242	Filter Assembly - Oil (Incl. Ref. #30)	1	21	94-4517	Hose - Formed	1
9	354-73	Fitting - Hydraulic (Incl. Ref. #17)	2	22	94-4518	Tube - Hydraulic	1
10	93-2236	Mount - Oil Filter	1	23	2412-129	Clamp - Hose	2
11	33115-025	Screw - HH	4	24	93-2068	Hose - Pump Inlet	1
12	63-8410	Washer - Flat	4	25	2412-34	Clamp - Hose	1
				26	237-146	O-Ring	1
				27	94-4539	Hose Assembly	1
				28	237-22	O-Ring	1
				29	237-42	O-Ring	1
				30	75-1310	Element	1



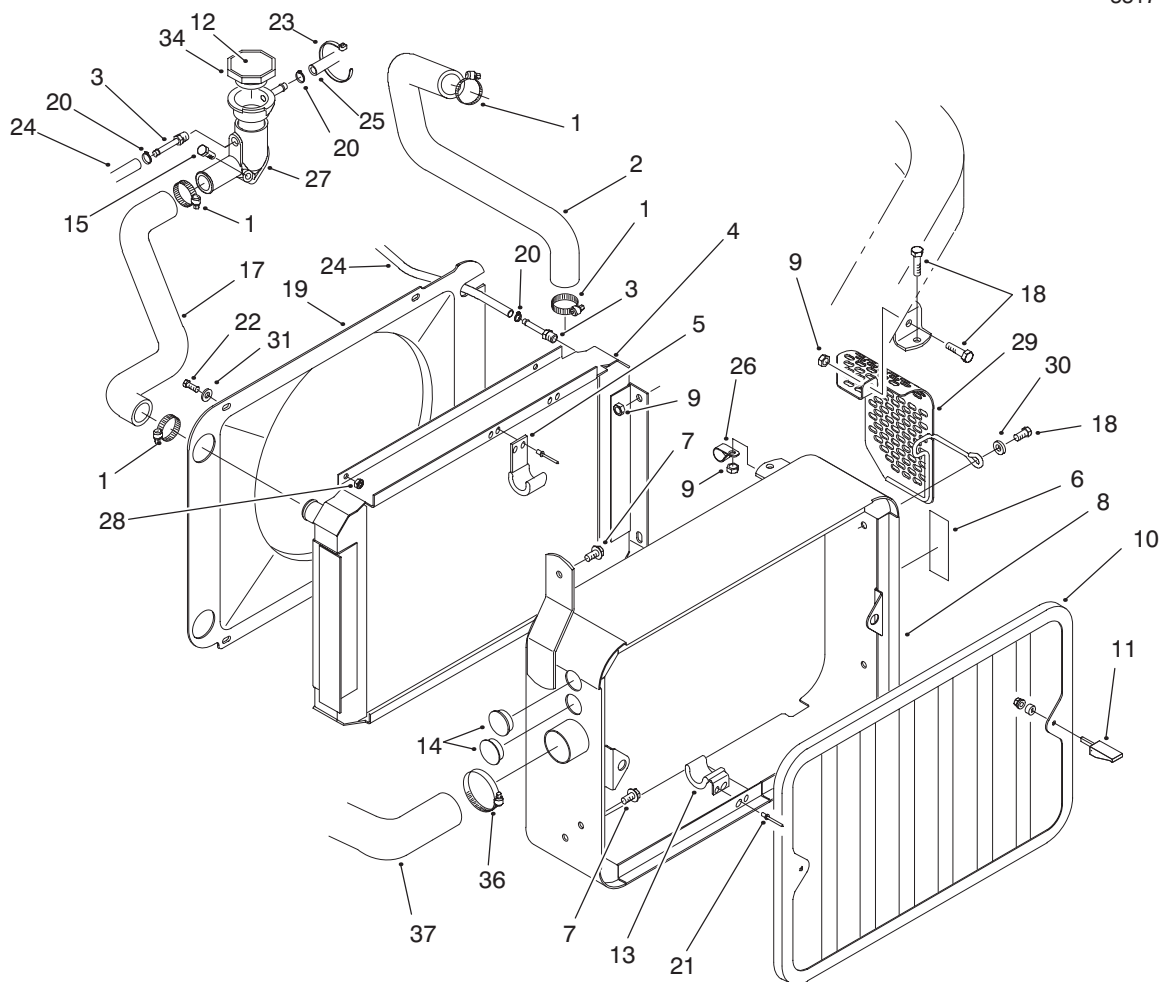
T-2234B

## LEAK DETECTOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	93-2435	Plate - Cover	1
2	80-9330	Alarm - Audio	1
3	20-7150	Switch - Toggle	1
4	68-6150	Breather - Air	1
5	93-2429	Tank - Leak Detection	1
6	94-8165	Plate - Mounting	1
7	93-2434	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	Valve Assembly (Incl. Ref. #37-42)	1
12	83-1450	Sensor - Oil Level	1
13	354-120	Fitting - Barb (Incl. Ref. #36)	2
14	93-2433	Hose - Formed, Inlet	1
15	240-11	Grommet	2
16	83-2250	Guage - Sight	1
17	3256-23	Washer - Flat	2
18	218-473	Boot - Toggle Switch	1
19	237-80	O-Ring	1
20	93-2432	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	33115-025	Screw - HH	2
25	237-123	O-Ring	1
26	83-2280	Timer - Delay	1
27	3274-39	Screw - HSBH	1
28	3296-12	Nut - Lock	1
29	63-8410	Washer - Flat	2
30	3256-1	Washer - Flat	5
31	33024-00	Nut - Lock NI	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	1
43	73-3540	Washer - Flat	2

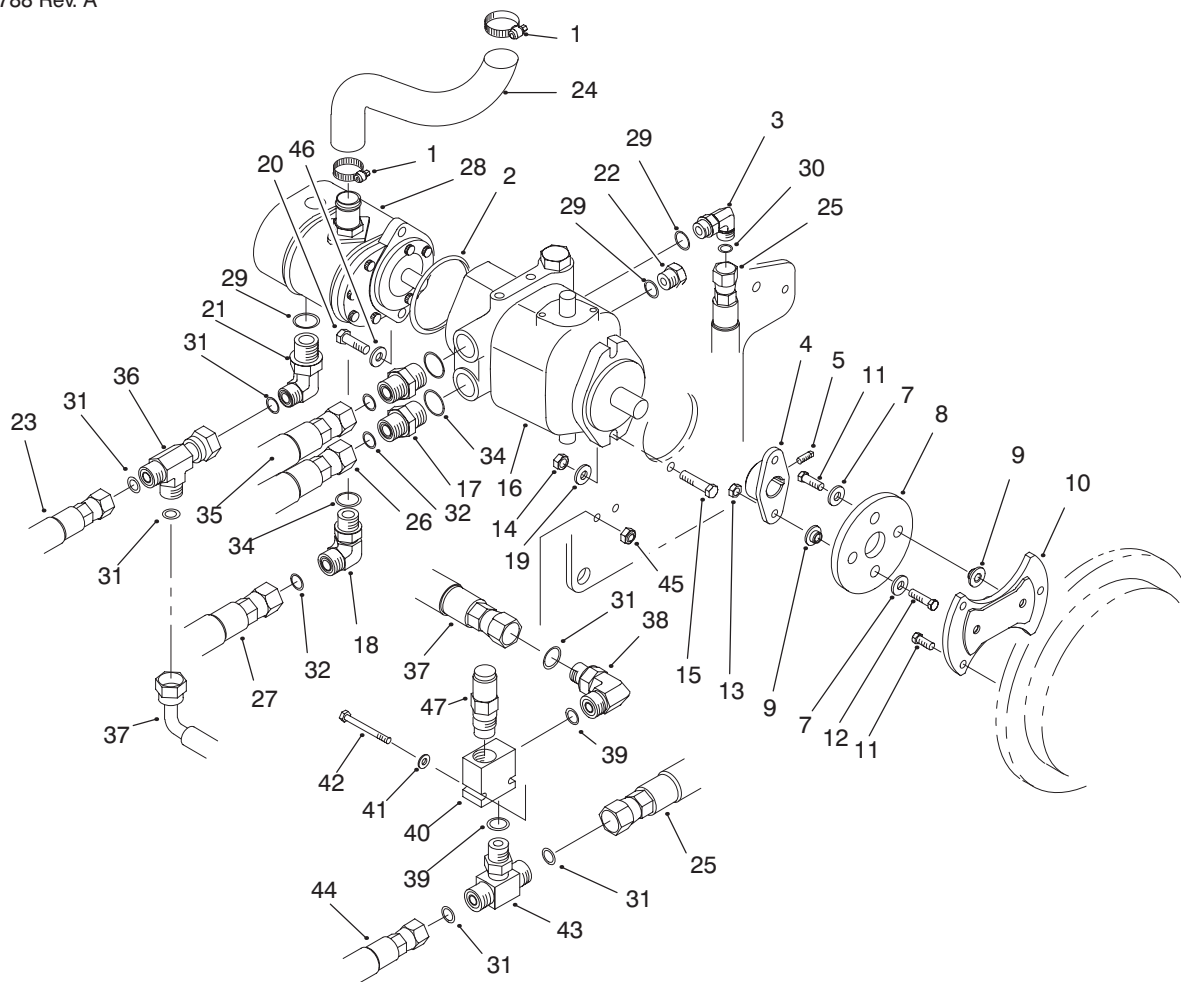
† Not Serviced Separately.



T-2229B

## RADIATOR ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2412-34	Clamp - Hose	4	19	93-2320	Shroud - Fan	1
2	93-2033	Hose - Radiator	1	20	2412-108	Clamp - Hose	3
3	93-2071	Fitting - Hose Barb	2	21	3269-15	Rivet - Pop	8
4	93-2300	Radiator	1	22	33113-016	Screw - HH	4
5	93-2425	Bracket - Cooler, Upper	2	23	3290-378	Tie - Cable	1
6	93-6681	Decal - Warning, Fan	1	24	94-4522	Hose - Breather	1
7	32144-14	Screw - HH	2	25	93-2260	Hose - Expansion Tank	1
8	93-2310	Radiator Support	1	26	2412-41	Clamp - R	1
9	33024-00	Nut - Lock NI	6	27	93-2448	Housing - Thermostat	1
10	93-2050	Screen	1	28	33023-00	Nut - Lock NI	4
11	74-5950	Latch - Swell	2	29	94-6370	Alternator Guard Assembly	1
12	93-7840	Decal - Radiator Cap	1	30	3256-23	Washer	1
13	93-2424	Bracket - Cooler, Lower	2	31	3256-22	Washer - Flat	4
14	94-4528	Plug	2	34	66-3240	Cap - Radiator	1
15	33113-020	Screw - HH	2	36	2412-92	Clamp - Hose	1
17	93-2018	Hose - Radiator	1	37	93-2035	Hose - Air Cleaner	1
18	33114-020	Screw - HH	6				

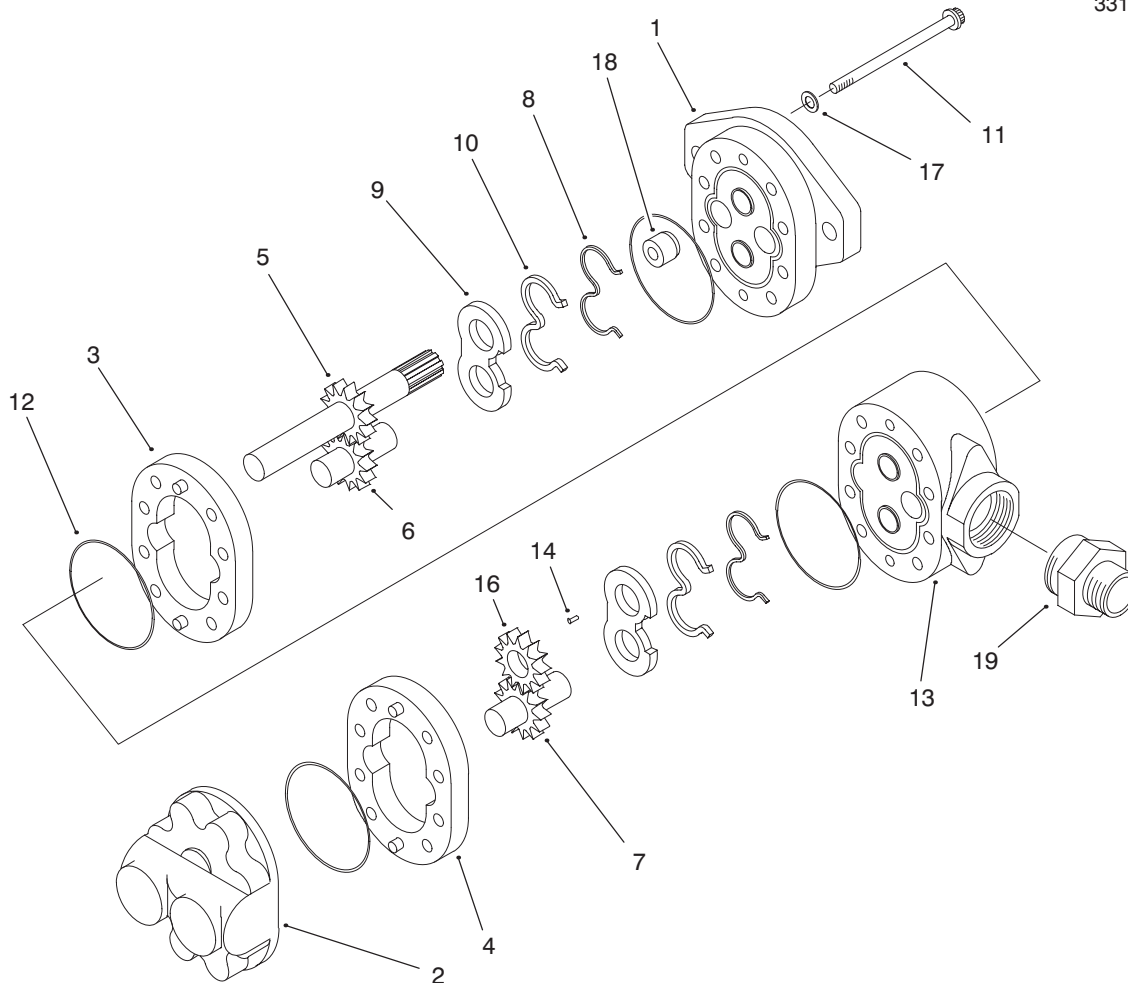


T-2227A

## HYDRAULIC PUMP & HYDROSTAT ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	2412-34	Clamp - Hose	2
2	94-8168	O-Ring	1
3	340-98	Fitting - Hydraulic 90° (Incl. Ref. #29-30)	1
4	93-2589	Hub - Pump	1
5	3241-6	Screw - SQH	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 NI	2
14	33025-00	Nut - Lock NI	2
15	33115-040	Screw - HH	2
16	93-2586	Hydrostat	1
17	340-8	Fitting - Hydraulic (Incl. Ref. #32 & 34)	2
18	340-139	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

Ref. No.	Part No.	Description	No. Used
23	93-2252	Hose Assembly	1
24	94-8174	Hose - Pump Inlet	1
25	94-6384	Hose Assembly	1
26	94-5355	Hose Assembly	1
27	94-1332	Hose Assembly	1
28	94-6391	Gear Pump - 2 Section	1
29	237-79	O-Ring	3
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	Hose Assembly	1
36	340-115	Fitting - Tee	1
37	94-8167	Hose Assembly	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	Hose Assembly	1
45	33023-00	Nut - Lock	2
46	3256-24	Washer - Flat	2
47	94-6386	Cartridge - Relief Valve	1



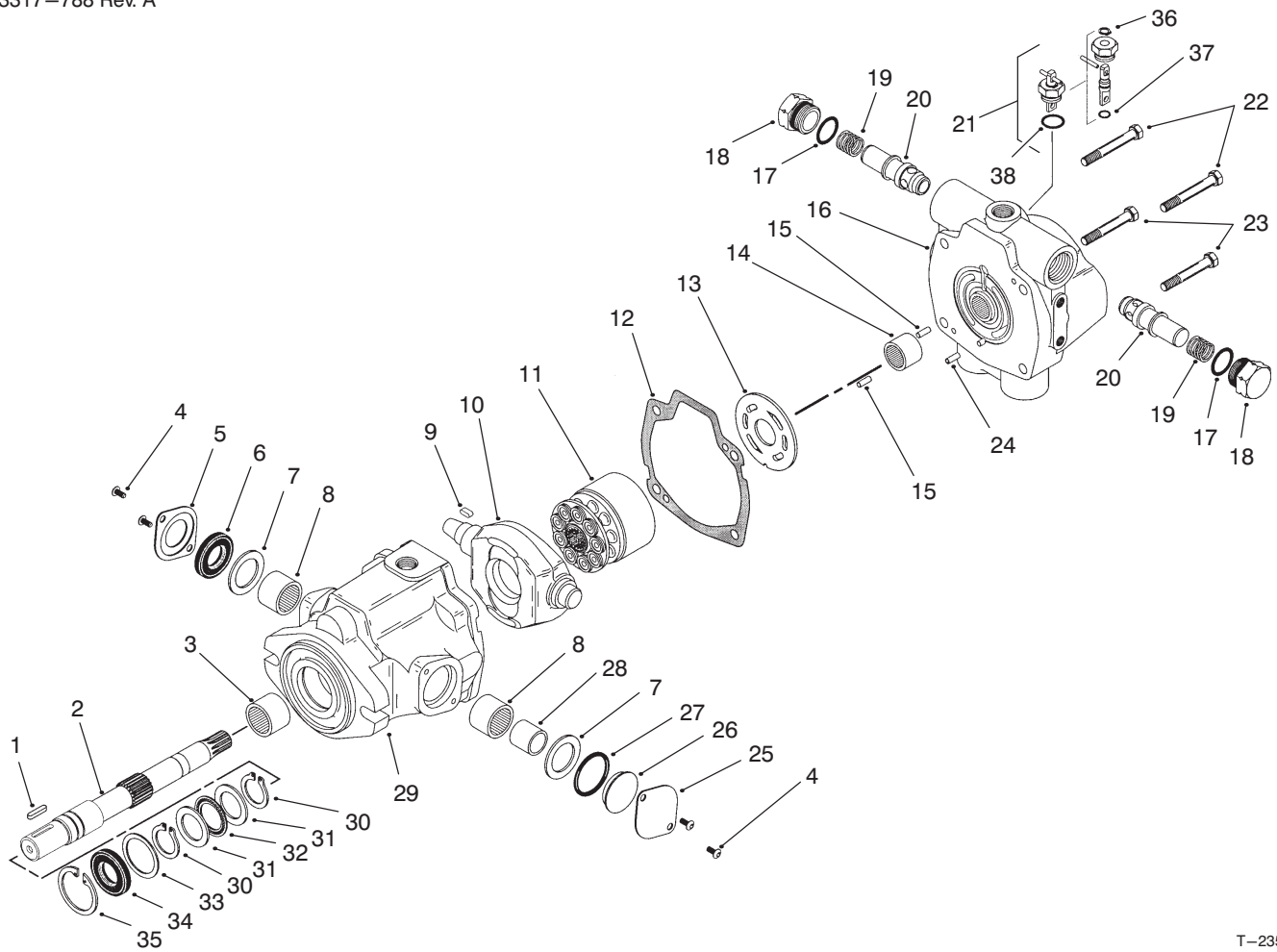
T-2392

## GEAR PUMP ASSEMBLY NO. 94-6391

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
†1		Plate – Front	1	†12		O-Ring	4
†2		Plate – Back	1	†13		Plate – Adapter	1
†3		Body	1	†14		Key	1
†4		Body	1	†15		Tube	1
†5		Gear – Drive	1	†16		Gear	1
†6		Gear – Idler	1	17	94-8160	Washer	4
†7		Gear – Idler	1	18	94-3011	Plug	1
†8		Gasket – Backup	2	†19		Fitting – Suction	1
†9		Plate – Wear	2	*	94-8161	Kit – Seal Repair (Incl. Ref. #8-10 & 14)	1
†10		Seal – Pressure	2				
11	94-8158	Screw – Cap	8				

† Not Serviced Separately.

\* Not Illustrated.



T-2357

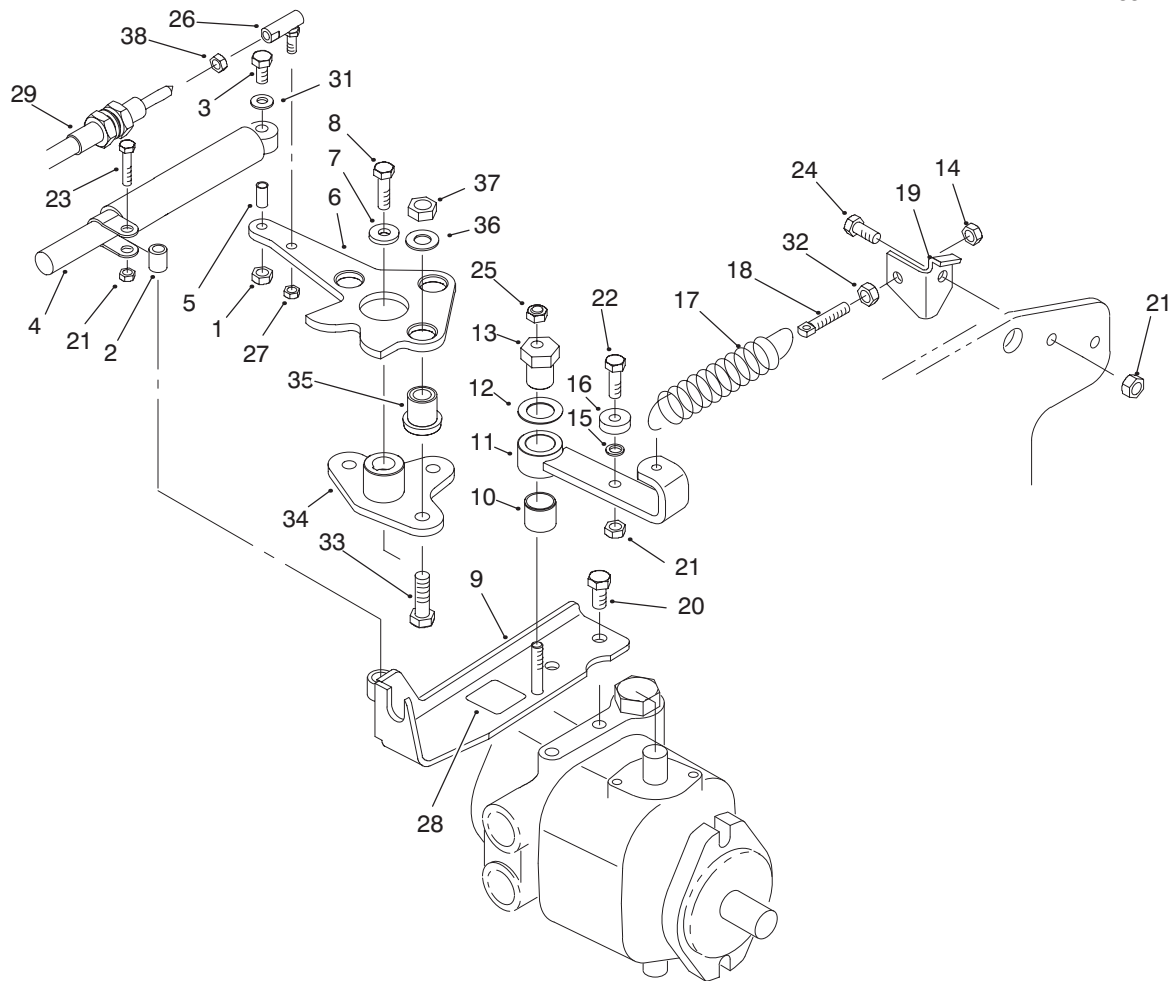
## HYDROSTAT ASSEMBLY NO. 93-2586

Ref. No.	Part No.	Description	No. Used
1	94-3645	Key	1
2	94-6359	Shaft - Drive	1
3	94-6363	Bearing	1
4	60-6330	Screw	4
5	76-6080	Seal - Cover	1
6	76-6190	Seal - Shaft	1
7	76-6180	Washer	2
8	252-95	Bearing - Thrust	2
9	94-3646	Key	1
10	94-3643	Plate - Cam	1
11	76-6070	Rotating Kit Assembly	1
†12		Gasket	1
13	94-6360	Plate - Valve	1
14	94-6368	Bearing	1
15	76-6150	Pin - Dowel	2
16	94-6361	Back Plate Assembly (Incl. Ref. #14 & 24)	1
†17		O-Ring	4
18	70-1240	Plug Assembly (Incl. Ref. #17)	2
19	76-6200	Spring	2
20	94-3644	Seat	2

Ref. No.	Part No.	Description	No. Used
21	39-2080	Dump Valve Assembly	1
22	76-6170	Screw - Cap	2
23	76-6160	Screw - Cap	2
†24		Pin - Roll	1
25	76-6090	Cover - Trunion	1
26	76-6100	Cover - Trunion O-Ring	1
27	76-6140	O-Ring	1
28	33-3750	Race - Inner	1
29	94-3641	Housing Assembly (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
*	94-6362	Seal Repair Kit (Incl. Ref. #6, 12, 17, 27, 30 & 34-38)	1

\* Not Illustrated

† Not Serviced Separately

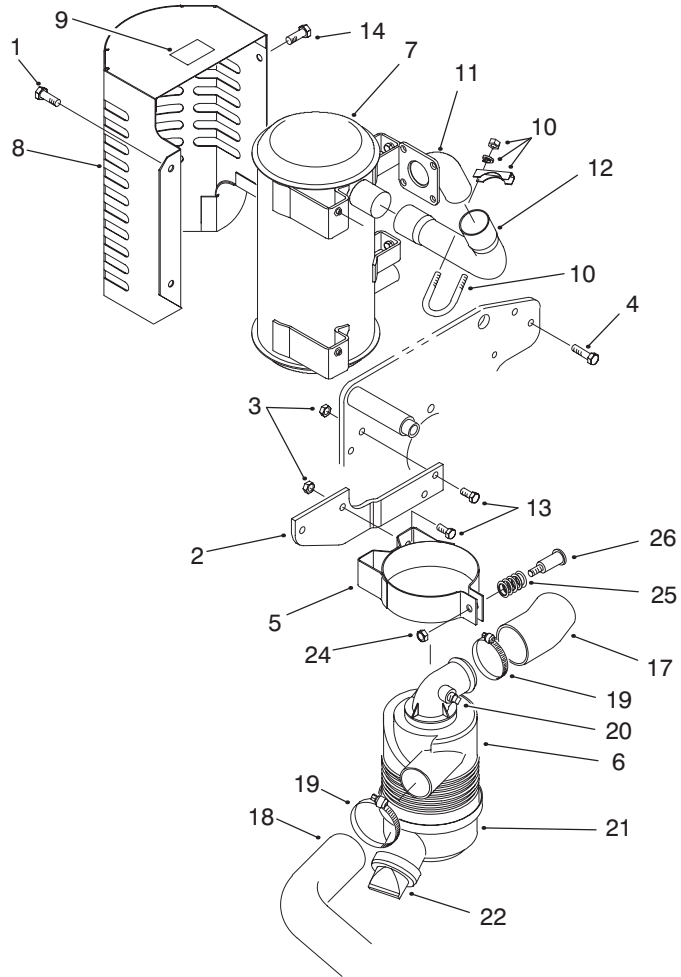


T-2228B

## NEUTRAL SYSTEM ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	33023-00	Nut - Lock	1
2	94-3456	Tube - Pivot	1
3	33113-030	Screw - HH	1
4	76-8870	Lever Damper Assembly	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	94-1307	Cable Support	1
10	93-2103	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 Elastic	1
15	75-5470	Spacer	1
16	251-259	Bearing - Ball	1
17	94-1369	Spring - Ext.	1
18	18-6380	Pin	1
19	94-3491	Bracket - Spring	1

Ref. No.	Part No.	Description	No. Used
20	323-4	Screw - HH	2
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



T-2237A

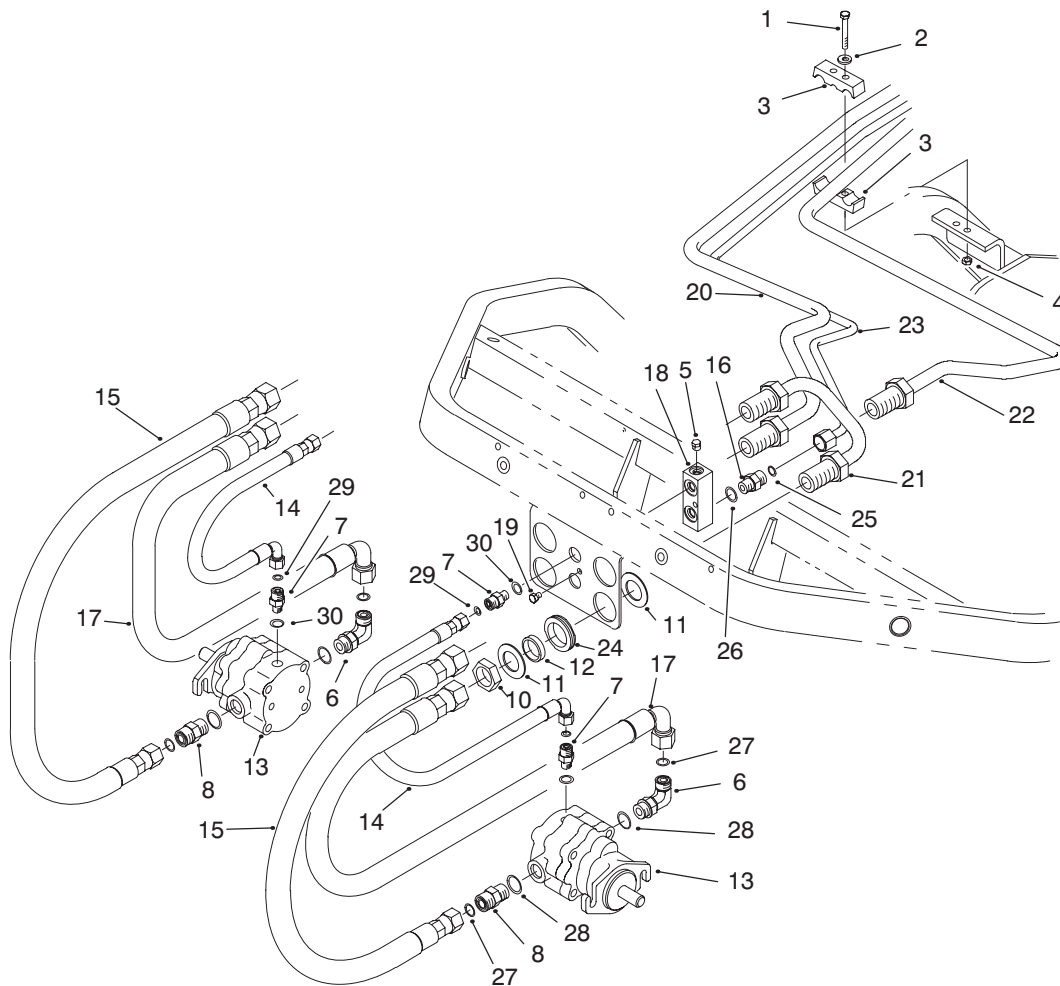
## MUFFLER & AIR CLEANER ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	32144-14	Screw - HH	2
2	94-5359	Bracket - Air Cleaner	1
3	33024-00	Nut - Lock NI	4
4	33114-020	Screw - HH	4
5	93-2191	Mounting Band Assembly (Incl. Ref. #24-26)	1
6	93-2190	Air Cleaner Assembly (Incl. Ref. #20-23)	1
7	94-8153	Muffler	1
8	94-1339	Muffler Shield	1
9	93-8069	Decal - Hot Surface	1
10	2112-9	Clamp	2
11	93-2188	Exhaust Bracket	1

Ref. No.	Part No.	Description	No. Used
12	93-2181	Pipe - Exhaust	1
13	33114-025	Screw - HH	4
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	Cover Assembly	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

\*Not Illustrated

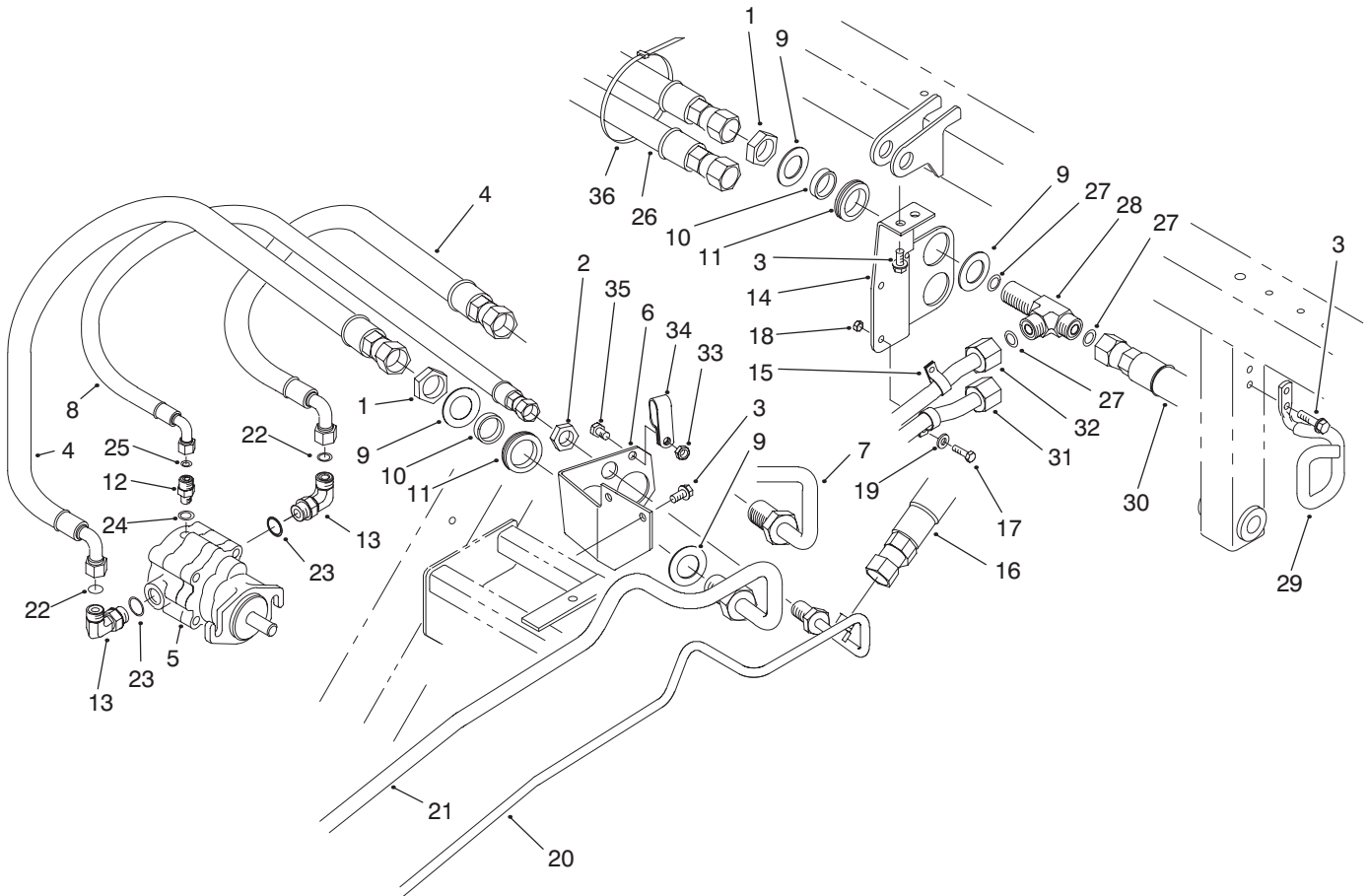




T-2240A

## REEL MOTOR INSTALLATION ASSEMBLY – R.H. & L.H.

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	33113-050	Screw – HH	2	16	340-2	Fitting – Hydraulic (Incl. Ref. #25-26)	1
2	3256-1	Washer – Flat	2	17	93-2263	Hose Assembly	2
3	93-2509	Clamp – Tube	2	18	93-2238	T-Block (Incl. Ref. #5)	1
4	33023-00	Nut – Lock NI	2	19	33113-008	Screw – HH	1
5	353-991	Plug	1	20	94-1318	Tube – Hydraulic	1
6	340-98	Fitting – Hydraulic 90° (Incl. Ref. #27-28)	2	21	94-1319	Tube – Hydraulic	1
7	340-92	Fitting – Hydraulic (Incl. Ref. #29-30)	4	22	94-1320	Tube – Hydraulic	1
8	340-4	Fitting – Hydraulic (Incl. Ref. #27-28)	2	23	94-1321	Tube – Hydraulic	1
10	340-74	Nut – Bulkhead	4	24	240-3	Grommet – Rubber	4
11	69-9010	Washer	8	25	237-22	O-Ring	1
12	69-9000	Spacer	4	26	237-42	O-Ring	1
13	93-1375	Reel Motor	2	27	237-30	O-Ring	4
14	93-2264	Hose Assembly	2	28	237-79	O-Ring	4
15	93-2262	Hose Assembly	2	29	237-21	O-Ring	4
				30	237-78	O-Ring	4

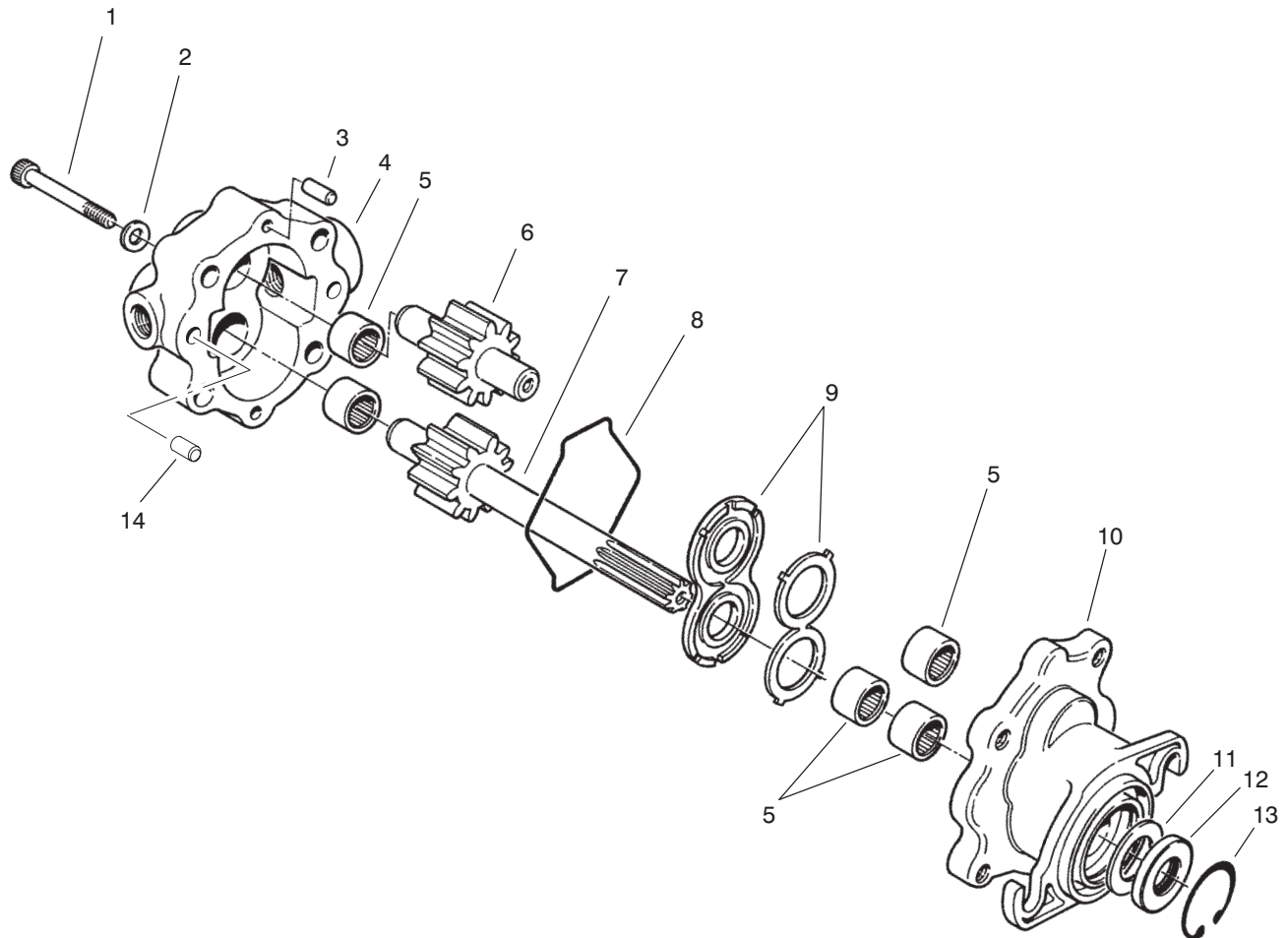


T-2241B

## 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	93-2259	Hose Assembly	2
5	93-1375	Reel Motor	1
6	94-1316	Bracket – Bulkhead	1
7	94-1317	Tube – Hydraulic	1
8	94-1328	Hose Assembly	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	Hose Assembly	1
17	33113-016	Screw – HH	2
18	33023-00	Nut – Lock NI	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	Hose Assembly	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	Hose Assembly	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



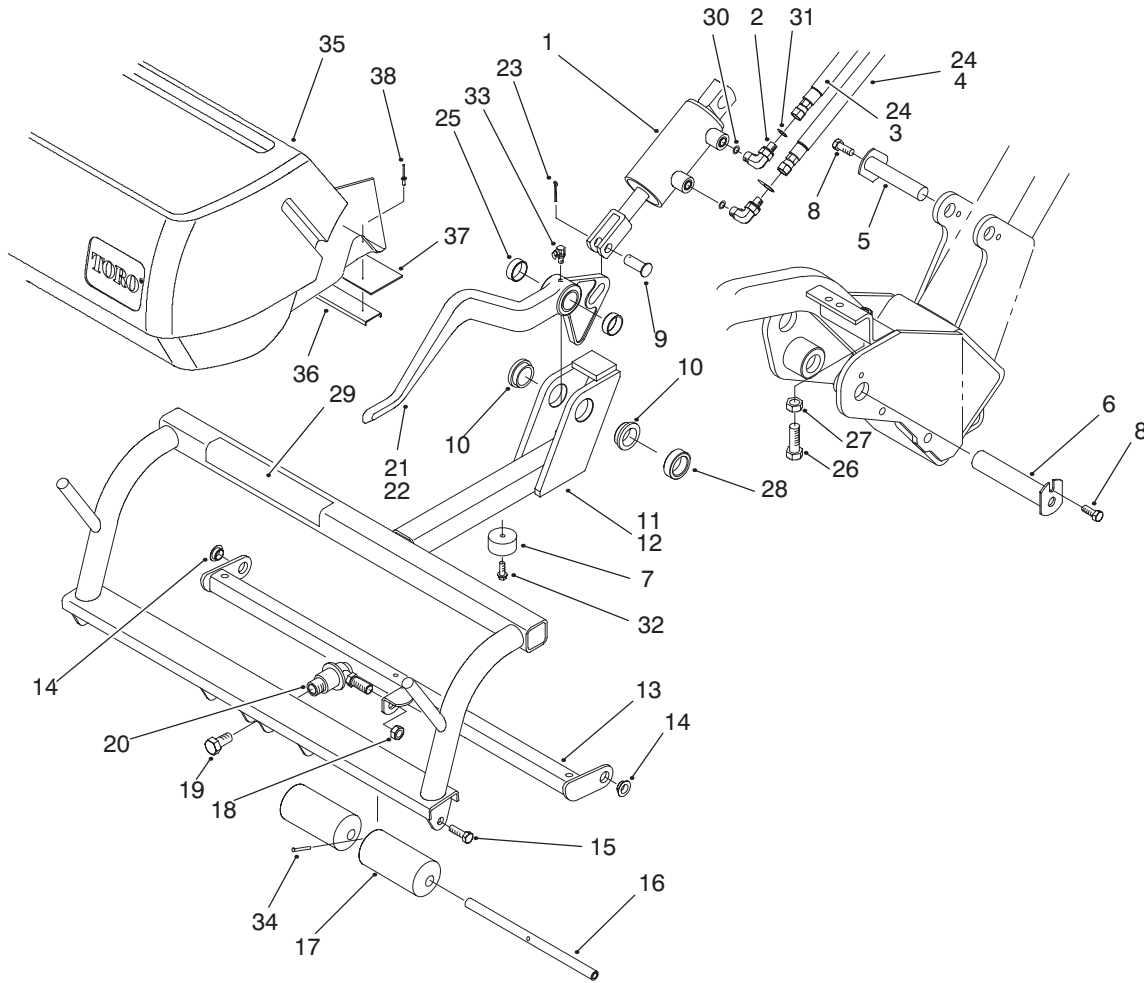
T-1872

## REEL MOTOR ASSEMBLY NO. 93-1375

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	354-50	Screw-Hex Socket Hd.	4	9	74-3810	Assembly - Load Plate	1
2	354-51	Washer	4	10	92-8795	Assembly - Body (Incl. Ref. #5)	1
3	353-599	Pin-Dowel	2	†11		Spacer	1
4	93-3614	Assembly - Cover (Incl. Ref. #5)	1	†12		Seal-Shaft	1
†5		Bearing-Needle	5	13	32151-41	Ring - Retaining	1
6	93-3616	Assembly - Idler Gear	1	14	92-8796	Pin - Dowel	2
7	93-3615	Assembly - Drive Shaft	1	*	92-8863	Repair Kit (Incl. Ref. #8, & 11-13)	1
8	354-46	Ring-Seal	1				

\*Not Illustrated

†Not Serviced Separately



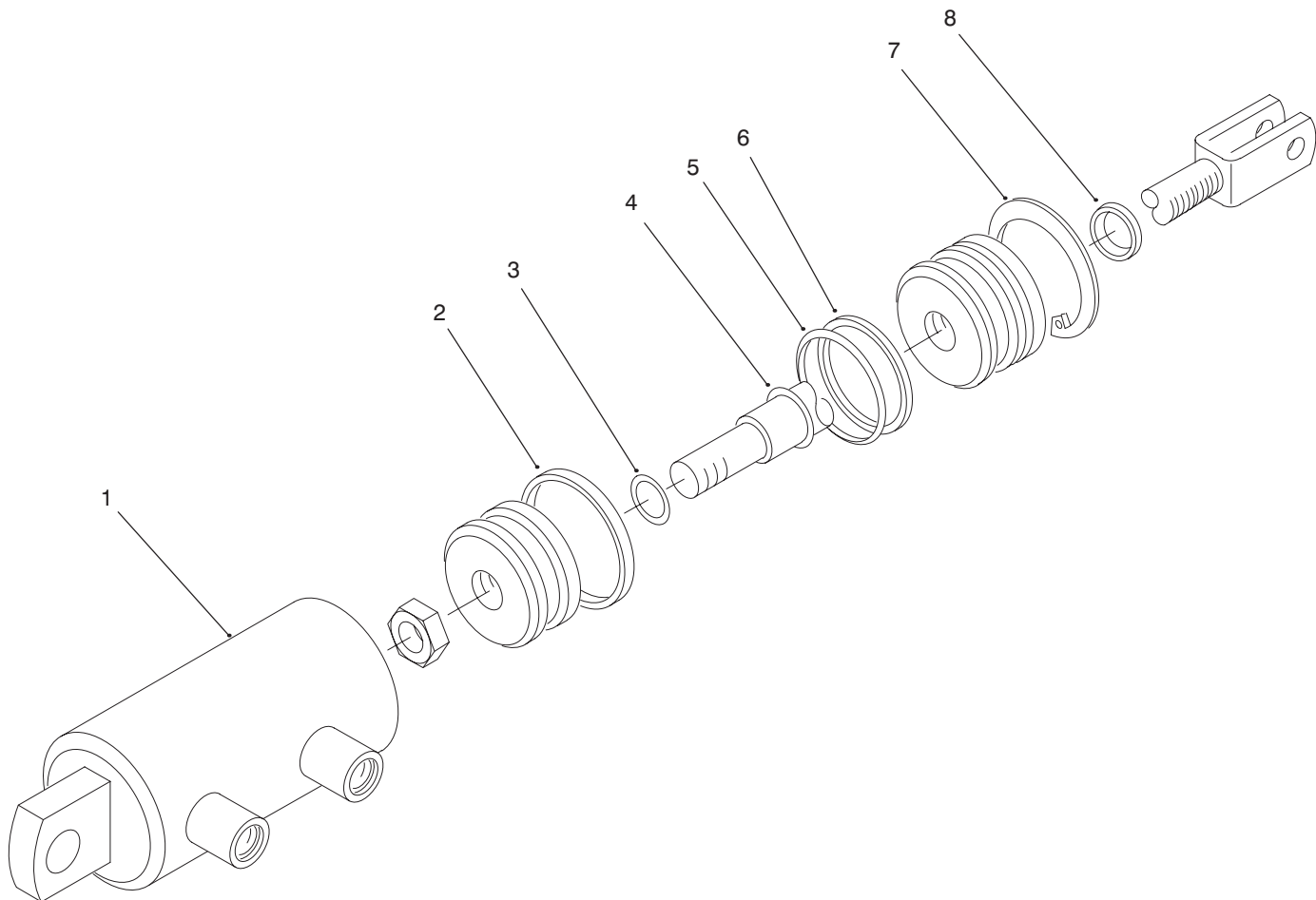
T-2230B

## PULL FRAME ASSEMBLY – R.H. & L.H.

Ref. No.	Part No.	Description	No. Used
1	93-2246	Hydraulic Cylinder Assembly	2
2	340-132	Fitting – Hydraulic 90° (Incl. Ref. #30-31)	4
3	93-2255	Hose Assembly	1
4	93-2256	Hose Assembly	1
5	10-6060	Pin – Ram Pivot	2
6	93-2380	Pin	2
7	94-4548	Bumper	2
8	32144-14	Screw – HH	4
9	283-8	Pin – Clevis	2
10	93-2361	Bushing – Flange	4
11	93-2369	Carrier – RH	1
12	93-2360	Carrier – LH	1
13	94-3483	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	3213-1	Screw – HH	2
20	93-2133	Ball Joint	2

Ref. No.	Part No.	Description	No. Used
21	93-2405	Lift Arm – RH	1
22	93-2407	Lift Arm – LH	1
23	3272-11	Pin – Cotter	2
24	93-2254	Hose Assembly	2
25	92-8995	Bushing – Straight	4
26	325-6	Screw – HH	2
27	3218-5	Nut – Jam	2
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	93-2553	Grass Basket Assembly (Incl. Ref. #36-38)	2
36	93-2552	Retainer	2
37	93-2551	Seal – Basket	2
38	3290-55	Rivet – Pop	16
*	65-8320	Bar – Guage	1

\* Not Illustrated.



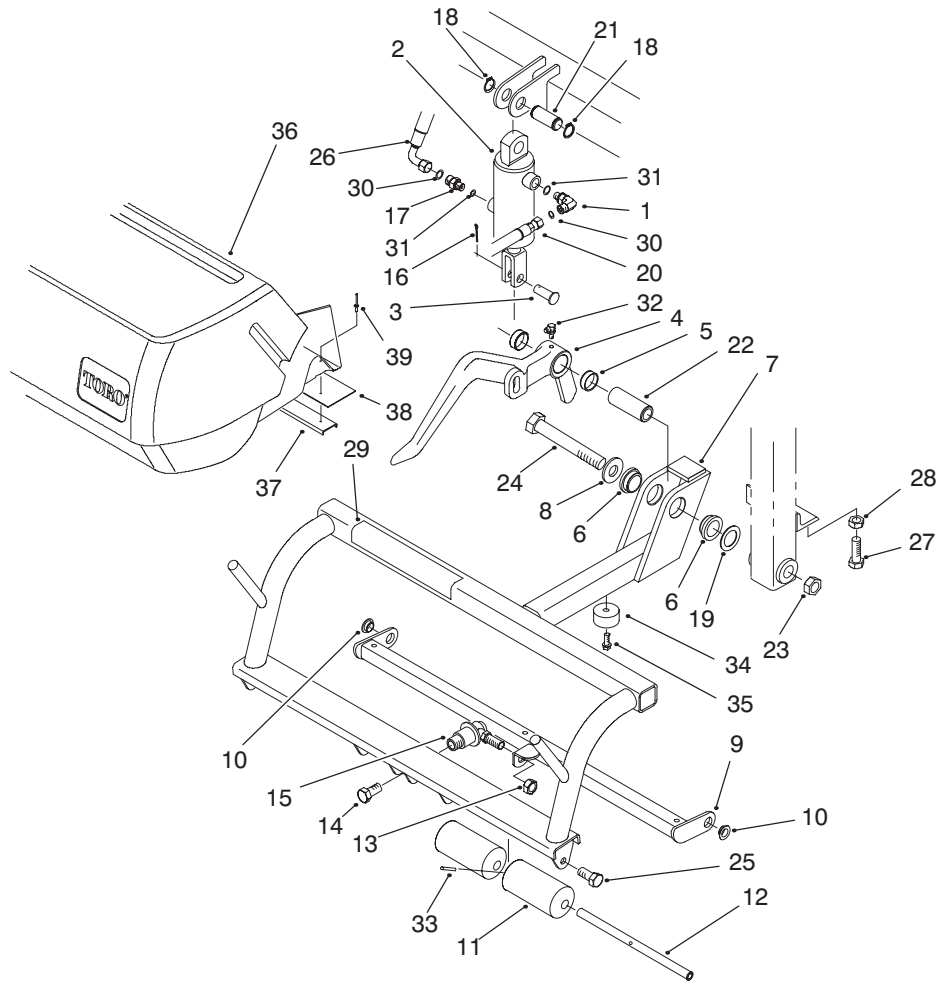
T-2299

## HYDRAULIC CYLINDER NO. 93-2246

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

Ref. No.	Part No.	Description	No. Used
†6		Washer - Back-Up	1
7	32120-8	Ring - Retaining	1
†8		Seal - Dust	1
*	86-5390	Kit - Seal, Repair (Incl. Ref. #2-6 & 8)	1

†Not Serviced Separately

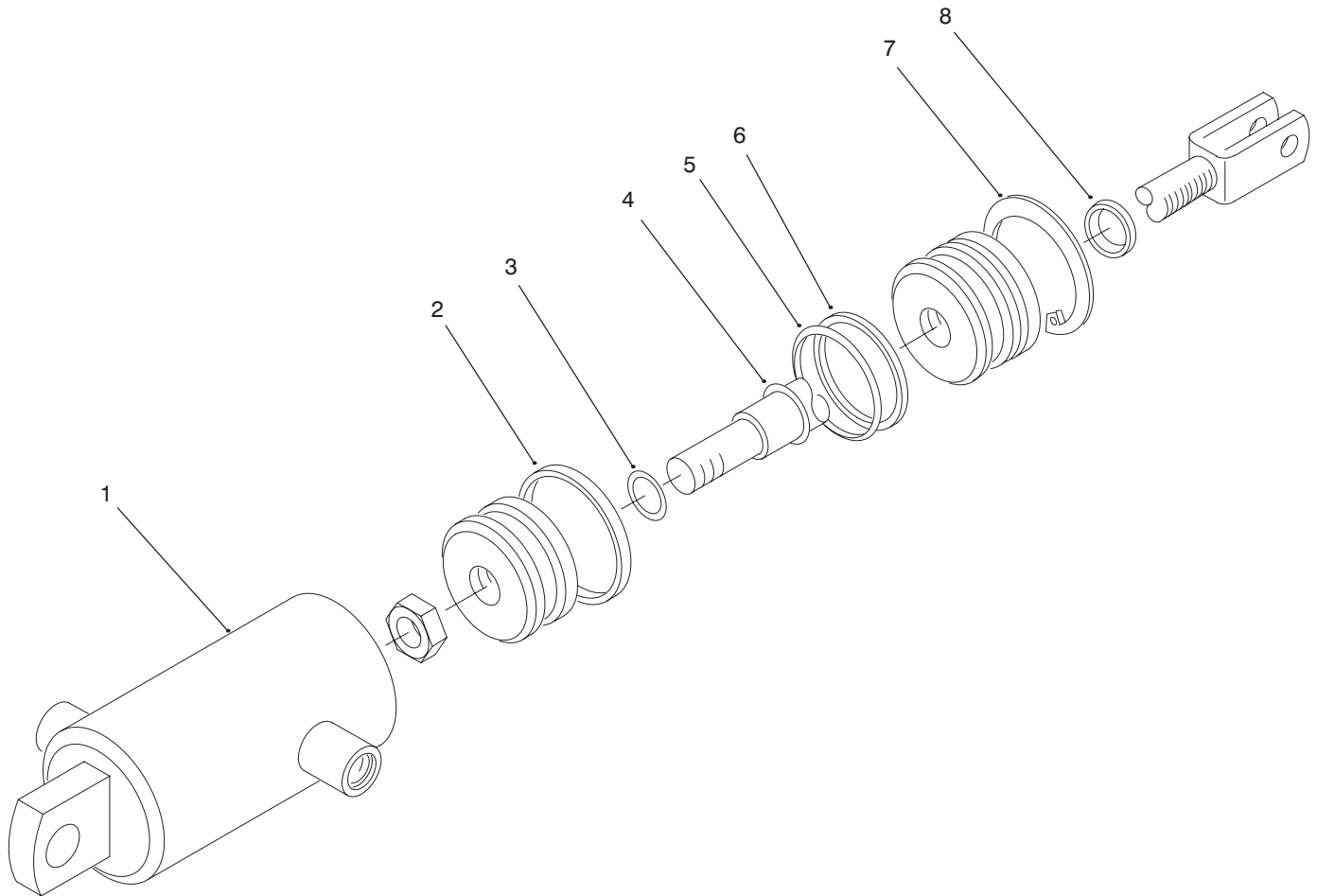


T-2231B

## PULL FRAME ASSEMBLY – REAR

Ref. No.	Part No.	Description	No. Used
1	340-132	Fitting – Hydraulic 90° (Incl. Ref. #30-31)	1
2	94-6357	Hydraulic Cylinder Assembly	1
3	283-8	Pin – Clevis	1
4	93-2403	Lift Arm – Center	1
5	92-8995	Bushing – Straight	2
6	93-2361	Bushing – Flange	2
7	93-2350	Carrier – Center	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	93-2133	Ball Joint	1
16	3272-11	Pin – Cotter	1
17	85-9720	Fitting – Hydraulic (Incl. Ref. #30-31)	1
18	32120-72	Ring – Retaining, Ext.	2
19	63-2290	Washer – Thrust	1

Ref. No.	Part No.	Description	No. Used
20	93-2258	Hose Assembly	1
21	94-3452	Pin – Cylinder	1
22	94-1398	Tube – Pivot	1
23	3296-53	Nut – Hex	1
24	327-17	Screw – HH	1
25	3211-2	Screw – HH	4
26	94-3477	Hose Assembly	1
27	325-6	Screw – HH	1
28	3218-5	Nut – Jam	1
29	93-8064	Decal – Warning	1
30	237-21	O-Ring	2
31	237-78	O-Ring	2
32	302-60	Fitting – Grease 90°	1
33	32121-6	Pin – Roll	2
34	94-4548	Bumper	1
35	32144-44	Screw – HWH	1
36	93-2553	Grass Basket Assembly (Incl. Ref. #37-39)	1
37	93-2552	Retainer	1
38	93-2551	Seal – Basket	1
39	3290-55	Rivet – Pop	8



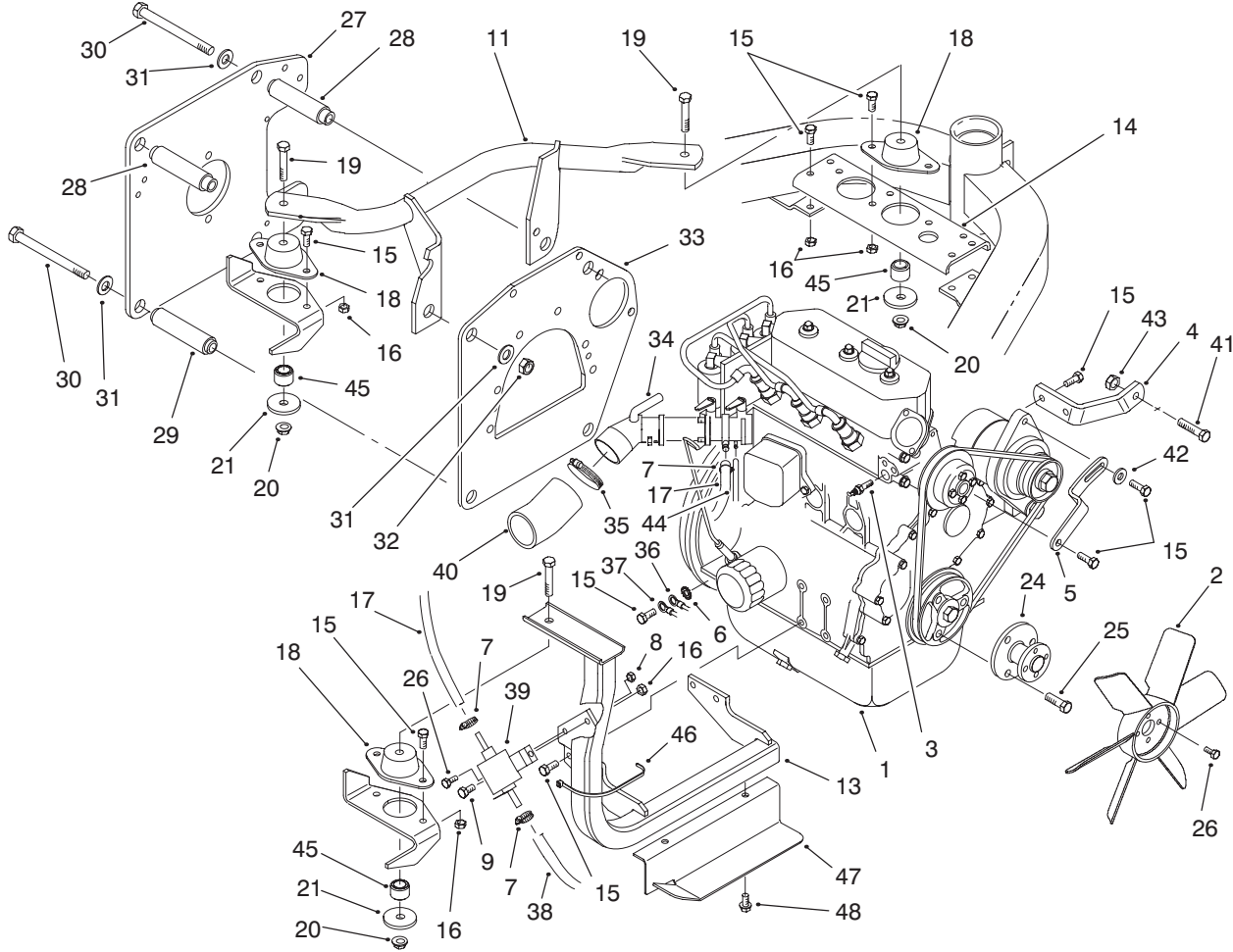
T-2358

## HYDRAULIC CYLINDER NO. 94-6357

Ref. No.	Part No.	Description	No. Used
†1		Barrel	1
†2		Uniring	1
†3		O-Ring	1
†4		Seal – PDF	1
†5		O-Ring	1

Ref. No.	Part No.	Description	No. Used
†6		Washer – Back-Up	1
7	32120-8	Ring – Retaining	1
†8		Seal – Dust	1
*	86-5390	Kit – Seal, Repair (Incl. Ref. #2-6 & 8)	1

† Not Serviced Separately



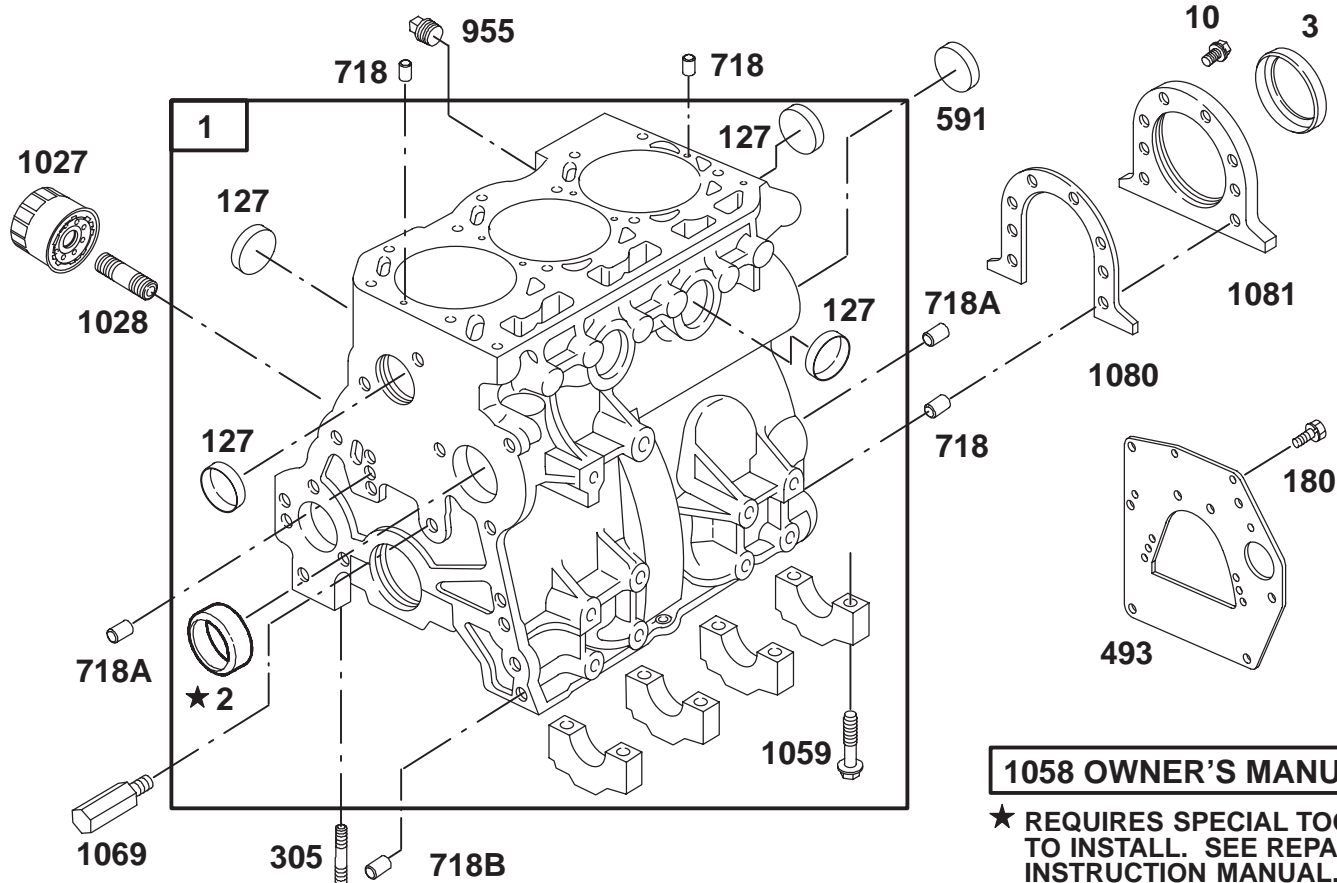
T-2236A

## 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	2412-108	Clamp - Hose	3
8	33023-00	Nut - Lock NI	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 NI	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	93-2173	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 NI	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	75-4705	Hose - Fuel	1
45	94-4538	Spacer - Mount	3
46	3290-378	Tie - Cable	1
47	94-8156	Shield - Dust	1
48	32144-14	Screw - HWH	2





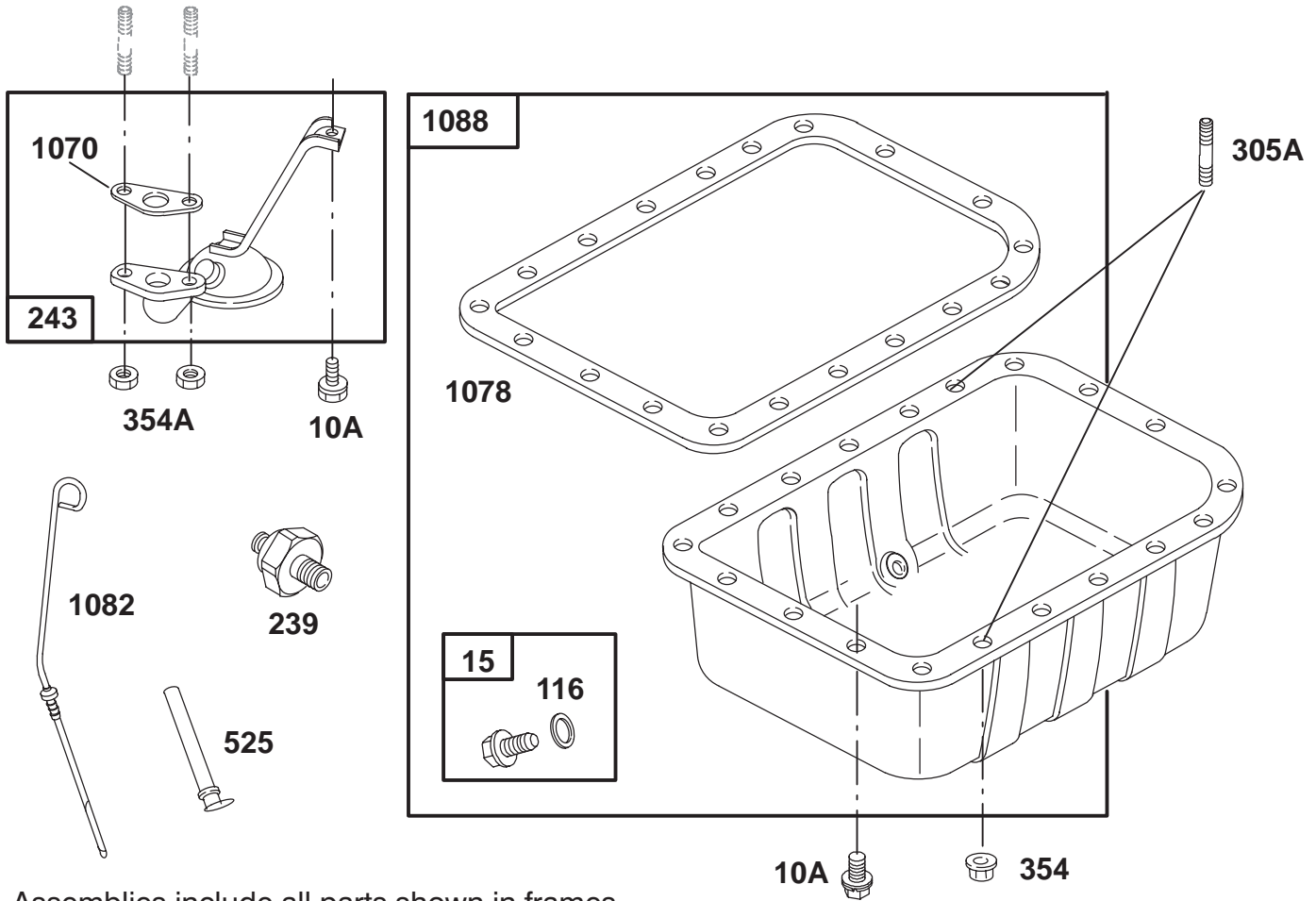
Assemblies include all parts shown in frames.

## ENGINE BRIGGS & STRATTON MODEL 433447

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. (Req. 6)	1
127	820004	Plug—Welch (Req. 7)	1
180	820176	Screw—Hex. (Req. 3)	1
305	820016	Stud—Std.	1
493	o 820283	Bracket—Mounting	1
591	o 820151	Plug—Camshaft	1
718	820063	Pin—Locating (Req. 4)	1

Ref. No.	Part No.	Description	No. Used
718A	820062	Pin—Locating (Req. 3)	1
718B	820061	Pin—Locating (Req. 2)	1
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. (Req. 8)	1
1069	820102	Nozzle—Oil	1
†1080	820145	Gasket—Retainer	1
1081	820146	Retainer—Sea	1

† Included in Gasket Set — Part No. 825056.



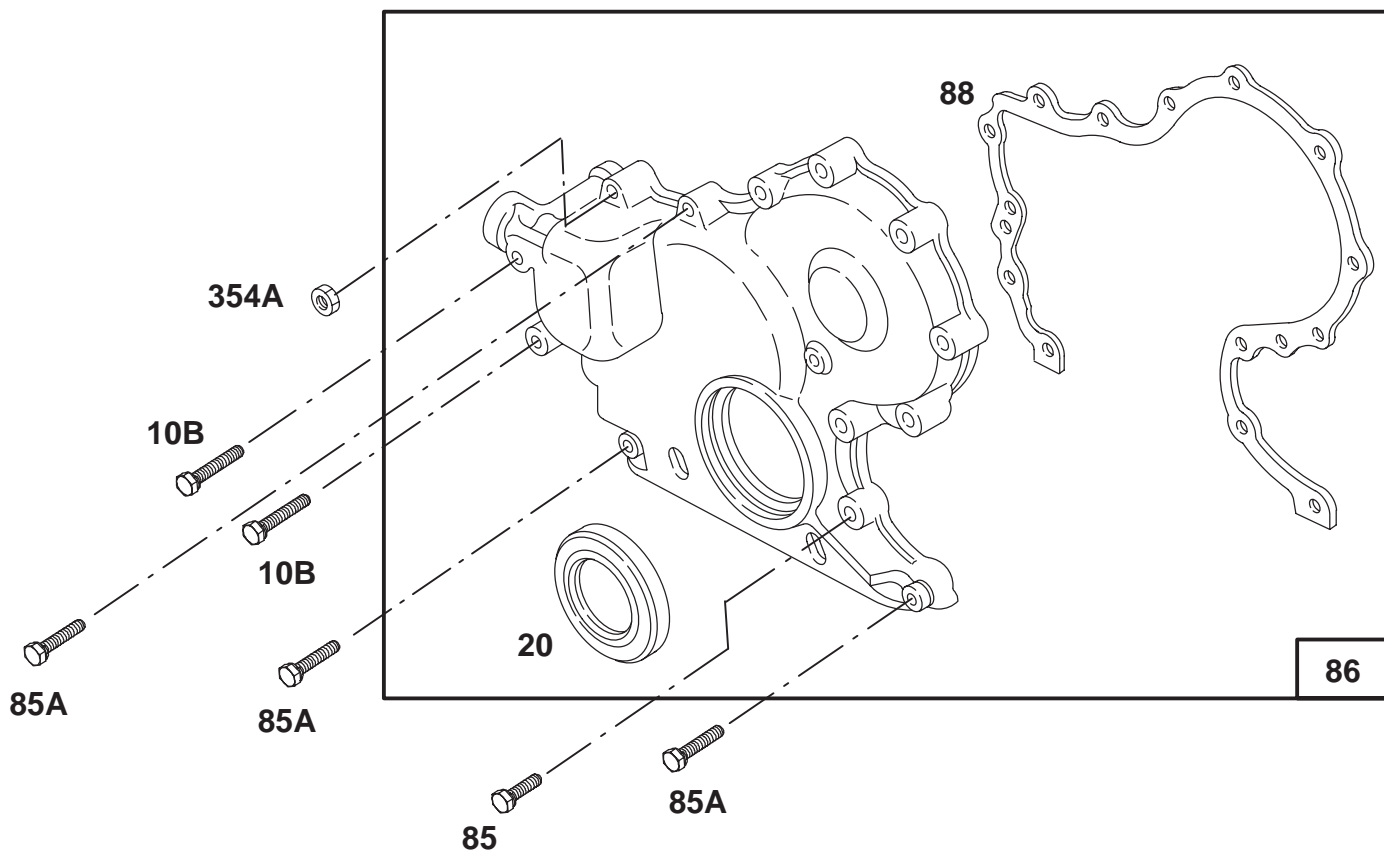
Assemblies include all parts shown in frames.

## ENGINE BRIGGS & STRATTON MODEL 433447

Ref. No.	Part No.	Description	No. Used
10A	820034	Screw—Hex. (Req. 17)	1
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. (Req. 2)	1
354	820068	Nut—Hex. (Req. 2)	1

Ref. No.	Part No.	Description	No. Used
354A	820069	Nut—Hex. (Req. 2)	1
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

† Included in Gasket Set — Part No. 825056.



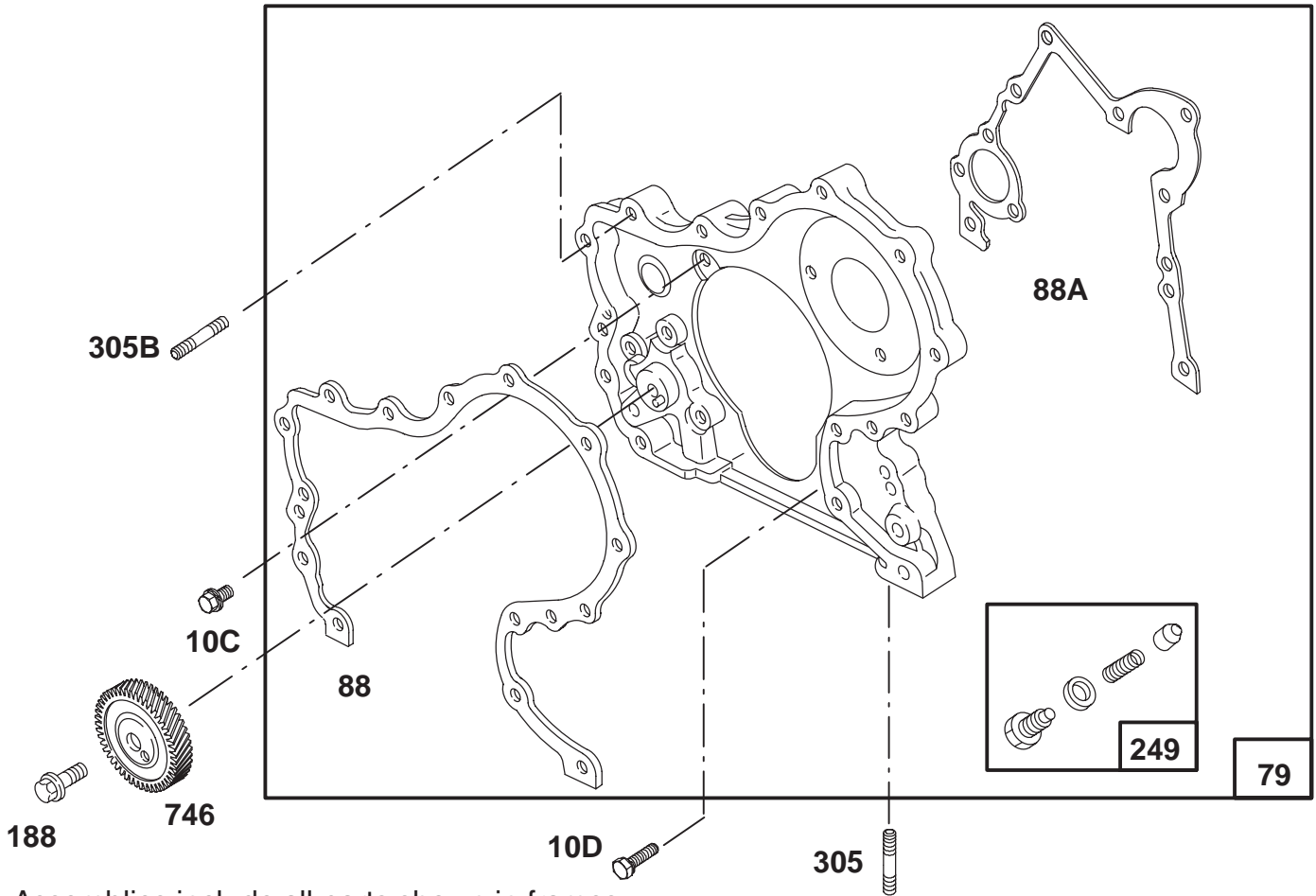
Assemblies include all parts shown in frames.

### ENGINE BRIGGS & STRATTON MODEL 433447

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

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

† Included in Gasket Set — Part No. 825056.



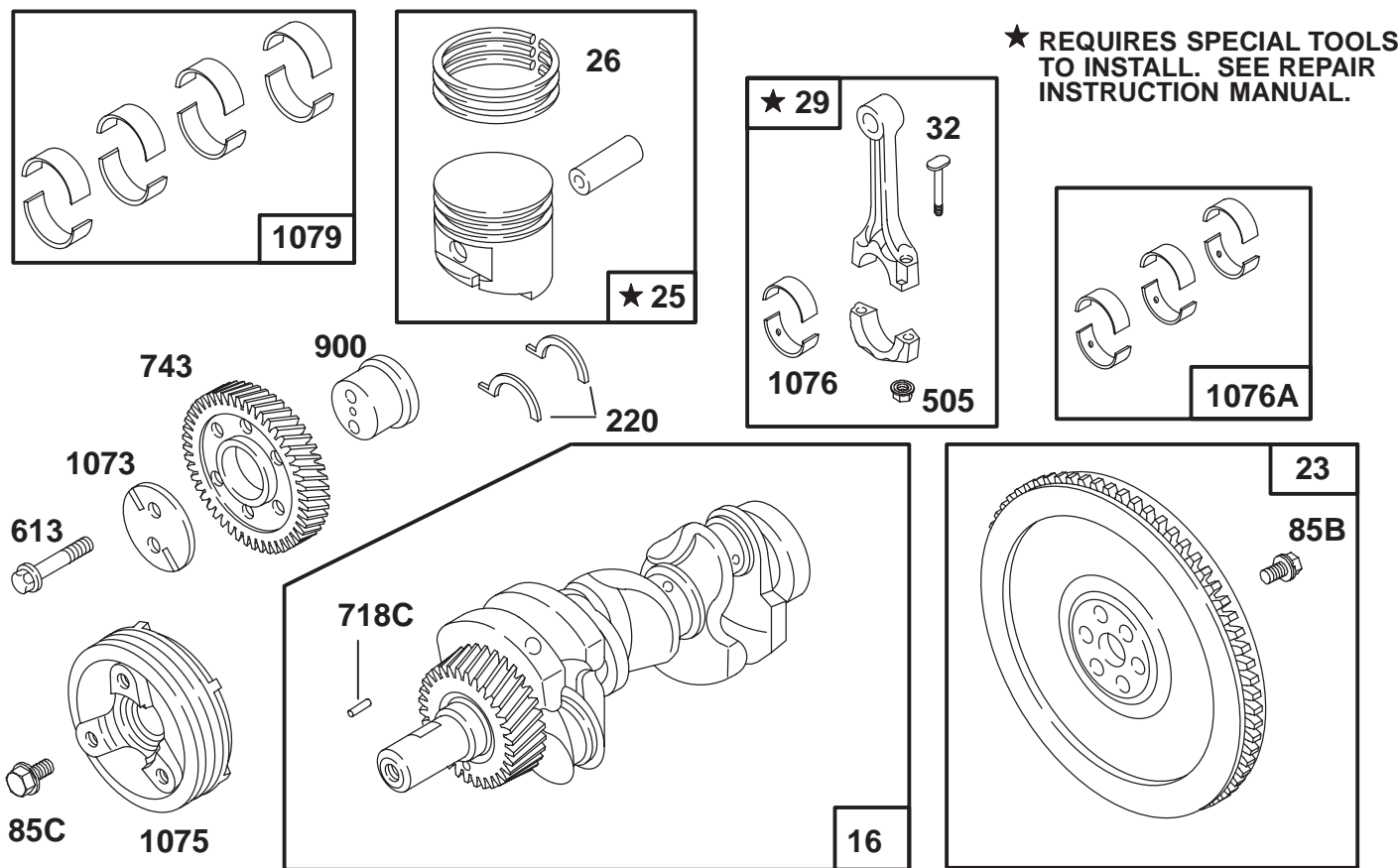
Assemblies include all parts shown in frames.

## ENGINE BRIGGS & STRATTON MODEL 433447

Ref. No.	Part No.	Description	No. Used
10C	820033	Screw—Hex.	1
10D	820030	Screw—Hex. (Req. 4)	1
79	825120	Case Assembly—Gear	1
†88	820148	Gasket—Cover	1
†88A	820155	Gasket—Cover	1
188	820180	Screw—Hex.	1

Ref. No.	Part No.	Description	No. Used
249	825032	Valve—Oil Relief	1
305	820016	Stud—Std.	1
305B	820156	Stud—Mtg. (Req. 2) (Assembly)	1
746	820121	Gear—Drive	1

† Included in Gasket Set — Part No. 825056.

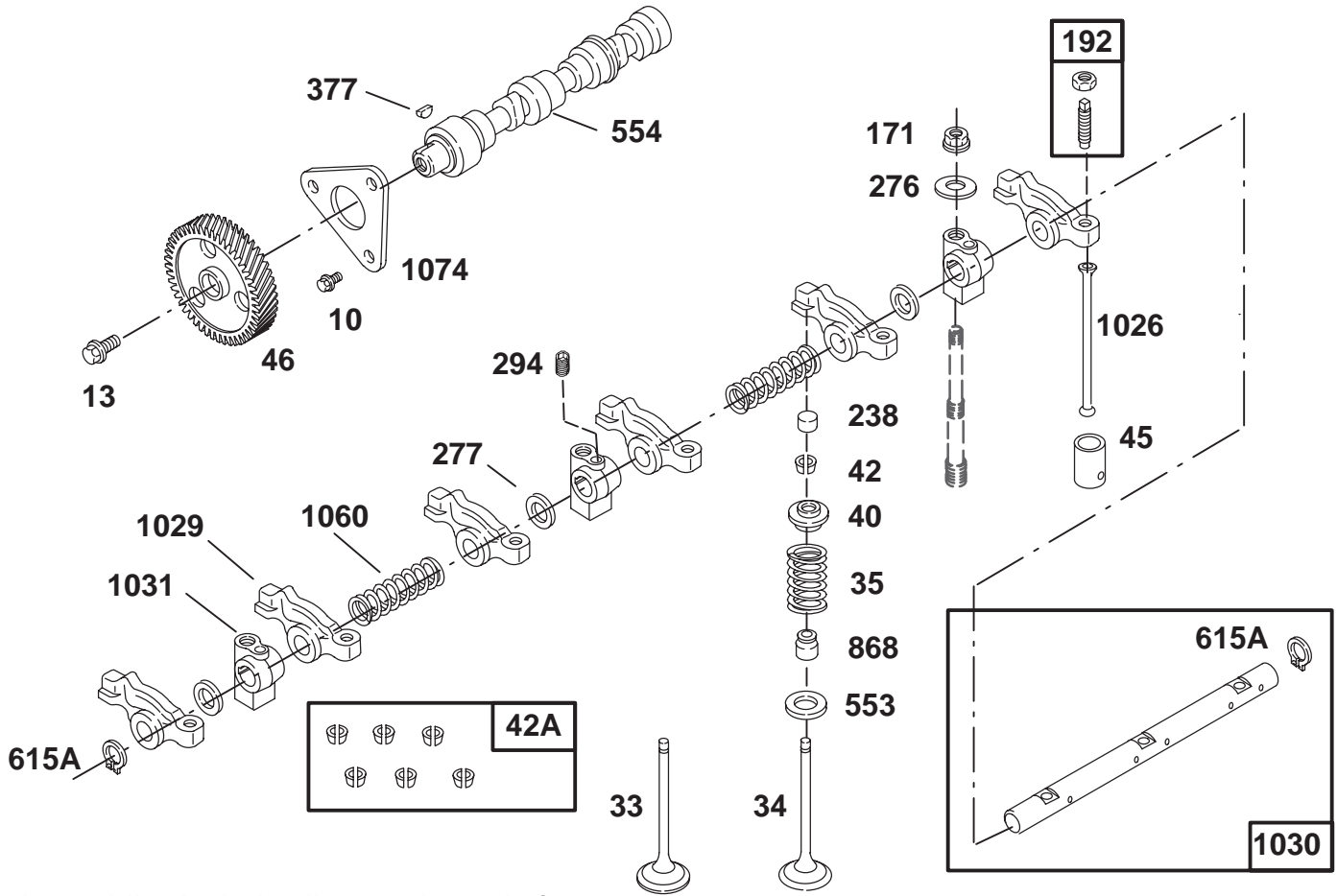


Assemblies include all parts shown in frames.

## ENGINE BRIGGS & STRATTON MODEL 433447

Ref. No.	Part No.	Description	No. Used
16	825016	Crankshaft	1
23	825090	Flywheel	1
25	825038	Piston Assembly (Req. 3) (Standard)	1
		825018 Piston Assy. (Req. 3) (.010" Oversize)	1
26	825091	Ring Set (Req. 3) (Standard)	1
		825092 Ring Set (Req. 3) (.010" Oversize)	1
29	825033	Rod-Connecting (Req. 3)	1
32	820128	Screw-Hex. (Req. 6)	1
85B	820080	Screw-Hex. (Req. 6)	1
85C	820079	Screw-Hex.	1
220	820140	Washer-Thrust (Standard)	1
		820139 Washer-Thrust (.005" Oversize)	1
505	820073	Nut-Hex. (Req. 6)	1
613	820081	Screw-Hex. (Req. 2)	1

Ref. No.	Part No.	Description	No. Used
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) (Req. 3)	1
1076A	825019	Bearing Set-Rod (Standard) (Includes 3 Sets)	1
		825060 Bearing Set-Rod (.010" Undersize) (Includes 3 Bearings)	1
1079	825040	Bearing Set-Main (Standard)	1
		825039 Bearing Set-Main (.010" Undersize)	1

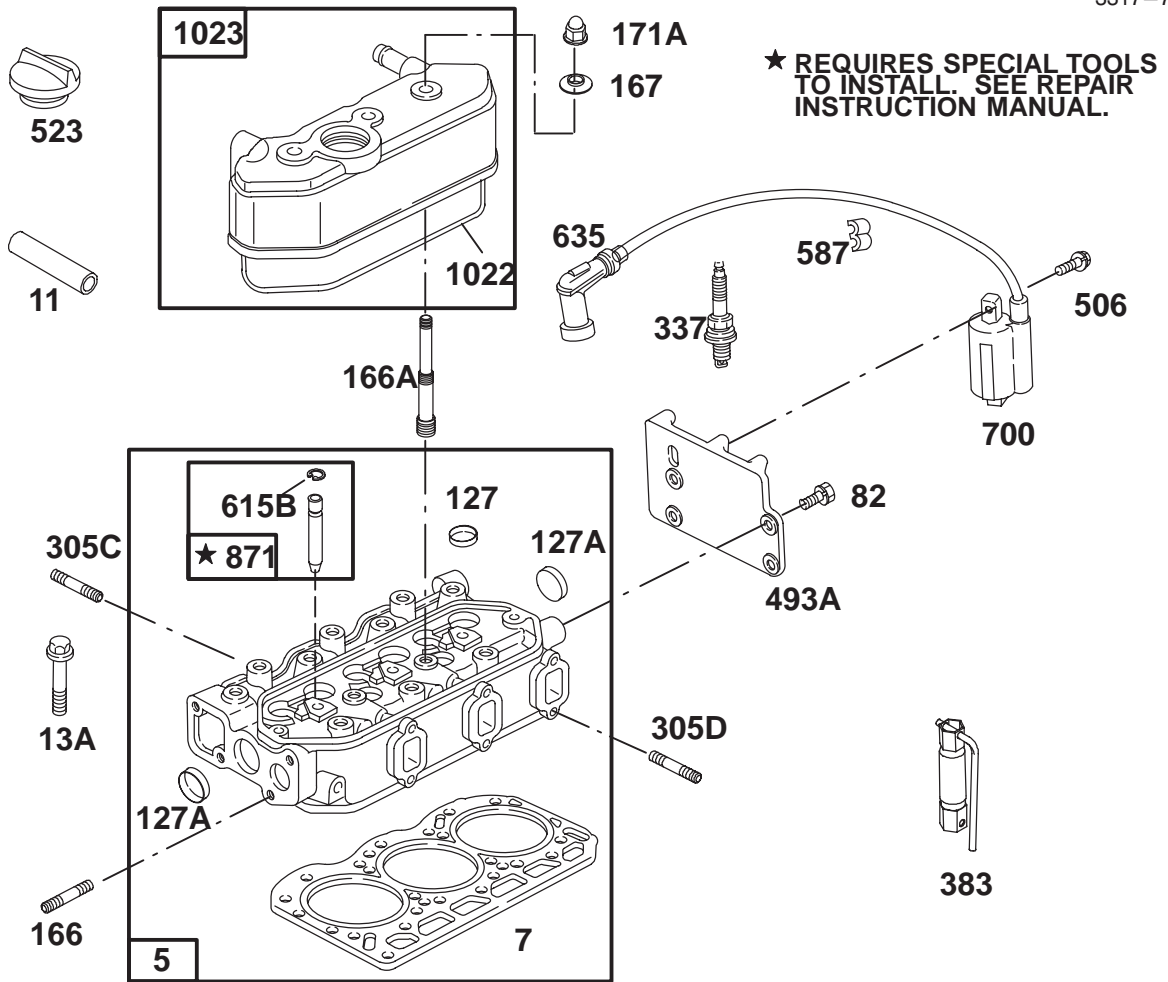


Assemblies include all parts shown in frames.

## ENGINE BRIGGS & STRATTON MODEL 433447

Ref. No.	Part No.	Description	No. Used
10	820031	Screw—Hex. (Req. 3)	1
13	820075	Screw—Hex.	1
33	820114	Valve—Exhaust (Req. 3)	1
34	820115	Valve—Intake (Req. 3)	1
35	820043	Spring—Valve (Req. 6)	1
40	820111	Retainer—Valve (Req. 6)	1
42	825042	Keeper—Valve (Contains 1 Set of 6 Req.)	1
42A	825082	Keeper—Valve (Contains 6 Sets)	1
45	820110	Tappet—Valve (Req. 6)	1
46	820119	Gear—Cam	1
171	820070	Nut—Hex. (Req. 3)	1
192	825041	Nut—Rocker Arm (Req. 6)	1
238	820113	Cap—Valve (Req. 6)	1
276	820177	Washer (Req. 3)	1

Ref. No.	Part No.	Description	No. Used
277	820065	Washer (Req. 3)	1
294	820105	Screw—Socket	1
377	94196	Key—Woodruff	1
553	820112	Seat—Valve Spring (Req. 6)	1
554	820122	Shaft—Cam	1
615A	820003	Retainer (Req. 2)	1
868	820041	Seal—Valve (Req. 6)	1
1026	820109	Rod—Push (Req. 6)	1
1029	820107	Arm—Rocker (Req. 6)	1
1030	825093	Shaft—Rocker Arm	1
1031	820106	Support—Rocker Arm (Req. 3)	1
1060	820044	Spring—Rocker Shaft (Req. 2)	1
1074	820118	Retainer—Camshaft	1

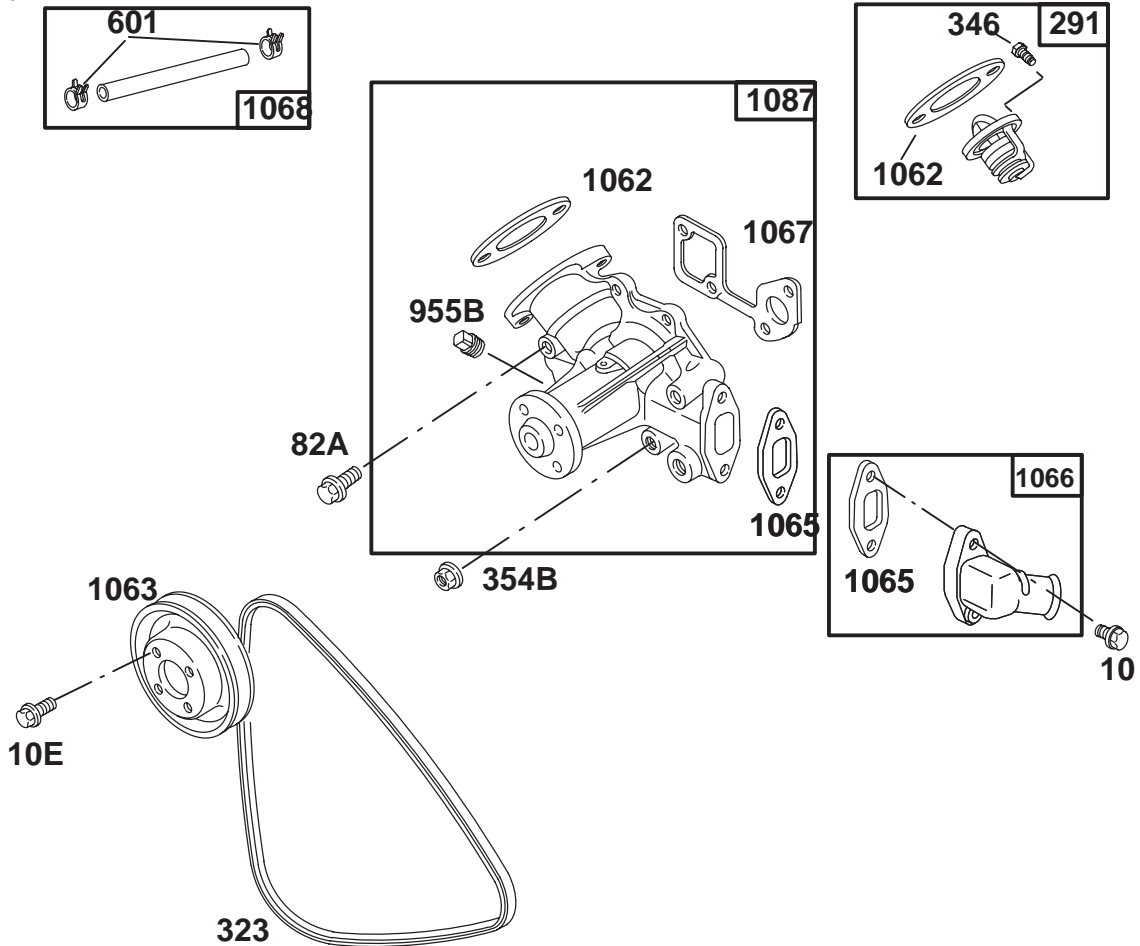


## ENGINE BRIGGS & STRATTON MODEL 433447

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
5	825047	Head—Cylinder	1	337	491055	Plug—Spark (Req. 3)	1
†‡7	820153	Gasket—Cylinder Head	1	383	89838	Wrench—Spark Plug	1
11	820048	Tube—Breather	1	493A	820083	Bracket—Mounting	1
13A	820074	Screw—Hex. (Req. 14)	1	506	820012	Screw—Hex. (Req. 6)	1
82	820024	Screw—Hex. (Req. 4)	1	523	825024	Cap—Oil Fill	1
127	820004	Plug—Welch (Req. 2)	1	587	820046	Clamp (Req. 2)	1
127A	820005	Plug—Welch (Req. 2)	1	615B	820130	Retainer (Req. 6)	1
166	820078	Stud—Mtg. (Req. 2)	1	635	820084	Boot—Spark Plug (Req. 3)	1
166A	820076	Stud—Std. (Req. 3)	1	700	820037	Coil—Ignition (Req. 3)	1
†‡167	820064	Washer (Req. 3)	1	871	825030	Bushing—Guide (Req. 6)	1
171A	820071	Nut (Req. 3)	1	†‡1022	820150	Gasket—Rocker Cover	1
305C	820015	Stud—Std. (Req. 2)	1	1023	825088	Cover—Rocker	1
305D	820014	Stud—Mtg. (Req. 6)	1				

† Included in Gasket Set – Part No. 825056.

‡ Included in Valve Overhaul Kit – Part No. 825057.



Assemblies include all parts shown in frames.

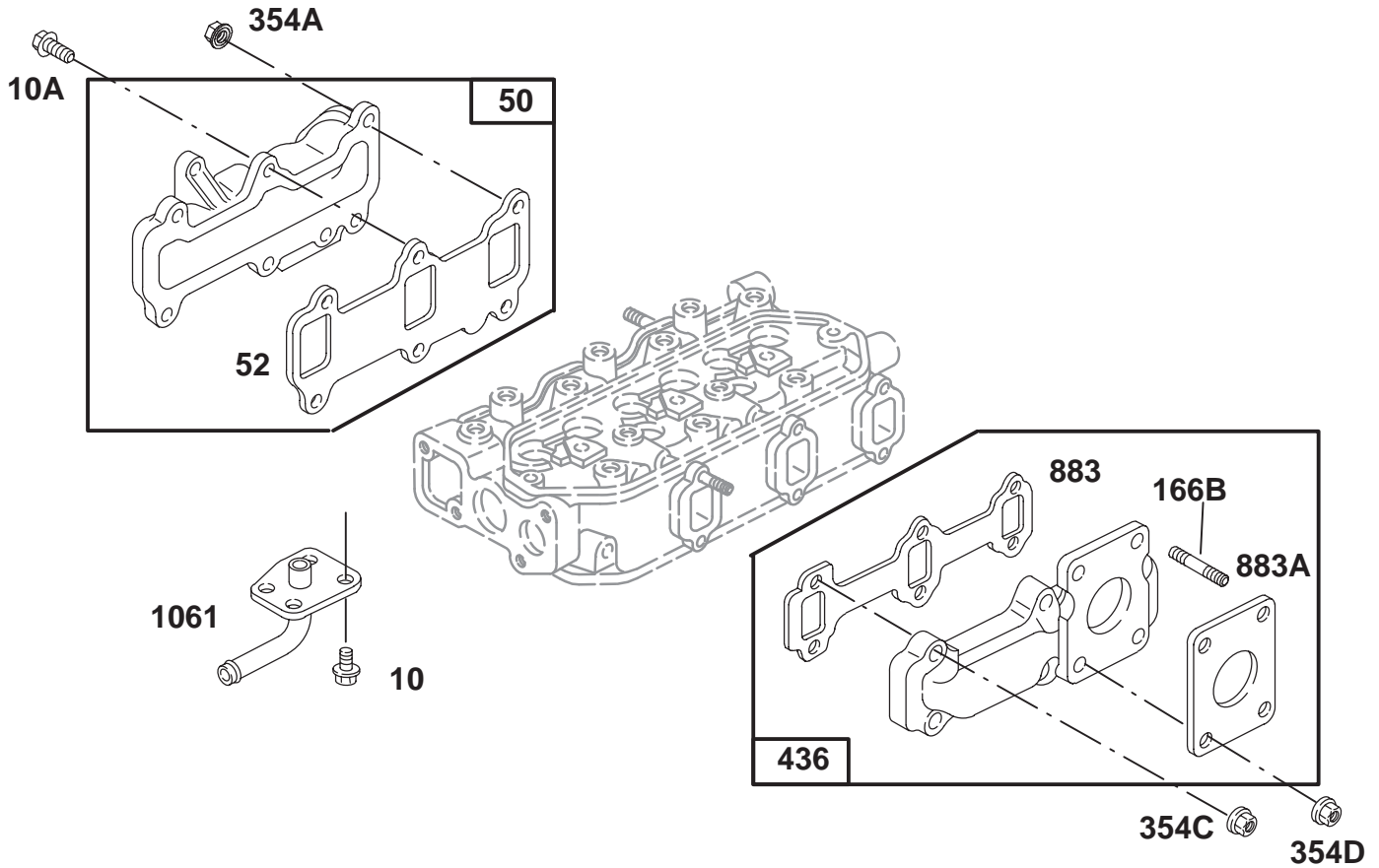
## ENGINE BRIGGS & STRATTON MODEL 433447

Ref. No.	Part No.	Description	No. Used
10	820031	Screw—Hex. (Req. 2)	1
10E	820203	Screw—Hex. (Req. 4)	1
82A	820022	Screw—Hex. (Req. 2)	1
291	825064	Thermostat	1
323	820288	Belt—Vee	1
346	820185	Screw—Hex.	1
354B	820181	Nut—Hex. (Req. 2)	1
601	820045	Clamp—Hose (Req. 2)	1

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

† Included in Gasket Set — Part No. 825056.





Assemblies include all parts shown in frames.

## ENGINE BRIGGS & STRATTON MODEL 433447

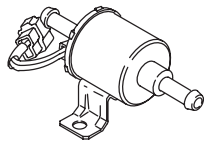
Ref. No.	Part No.	Description	No. Used
10	820031	Screw—Hex. (Req. 4)	1
10A	820034	Screw—Hex. (Req. 4)	1
50	825053	Manifold—Intake	1
†‡52	820087	Gasket—Intake	1
166B	820183	Stud—Std. (Req. 4)	1
354A	820069	Nut—Hex. (Req. 2)	1

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

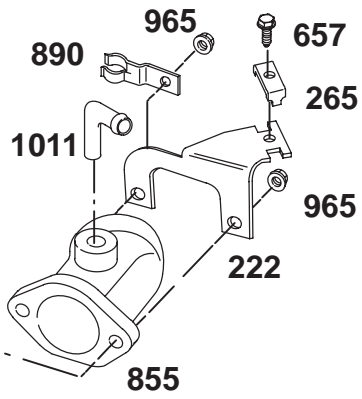
† Included in Gasket Set — Part No. 825056.

‡ Included in Valve Overhaul Kit — Part No. 825057.

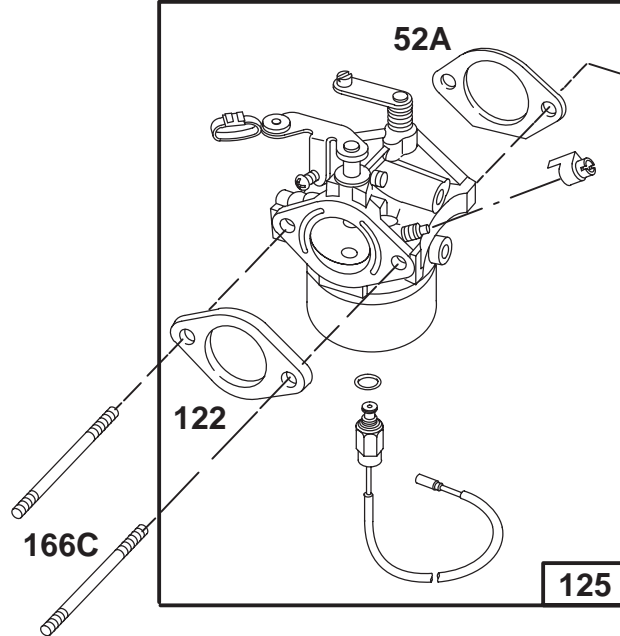
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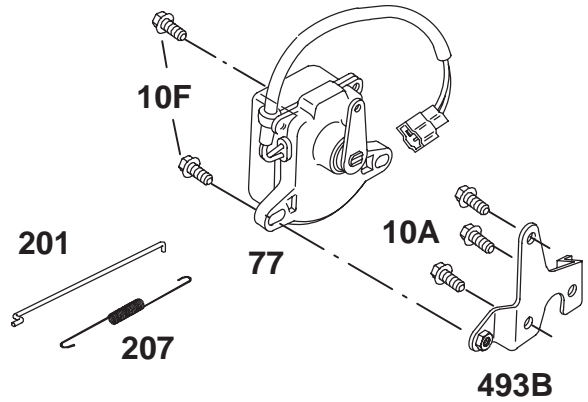
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493B

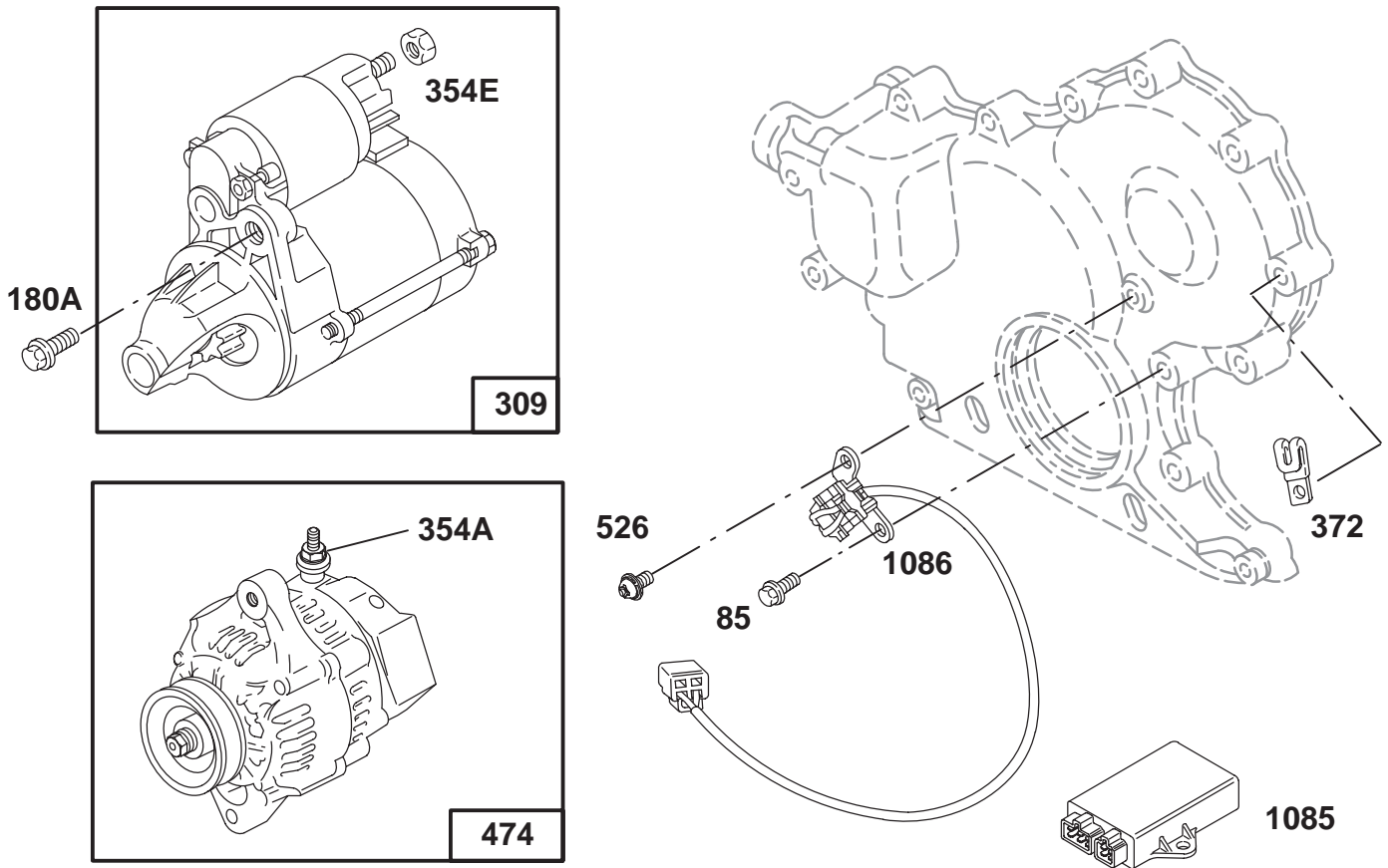
Assemblies include all parts shown in frames.

## ENGINE BRIGGS & STRATTON MODEL 433447

Ref. No.	Part No.	Description	No. Used
10A	820034	Screw-Hex. (Req. 3)	1
10F	820228	Screw-Hex. (Req. 2)	1
†52A	820160	Gasket-Intake	1
†77	820209	Governor-Electronic	1
122	820082	Spacer	1
125	825121	Carburetor	1
166C	820077	Stud (Carburetor Mounting) (Req. 2)	1
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	825005	Pump-Fuel	1
855	820284	Adaptor-Air	1
890	820238	Bracket-Support	1
965	820011	Nut-Hex. (Req. 2)	1
1011	820184	Tube-Vent	1

† Included in Gasket Set - Part No. 825056.

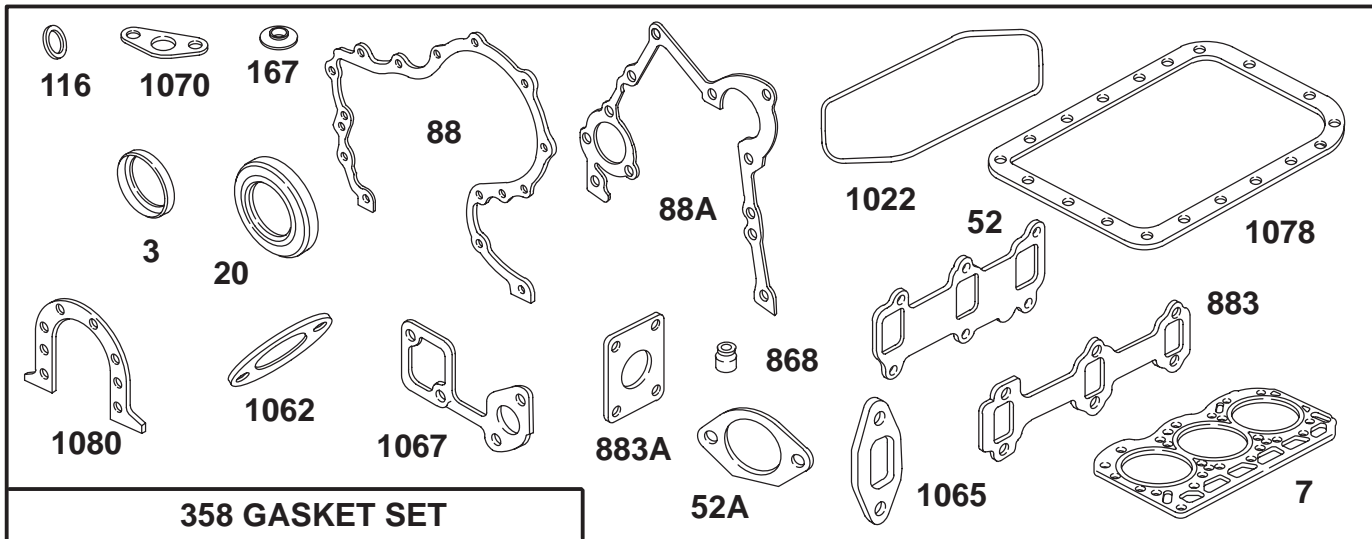


Assemblies include all parts shown in frames.

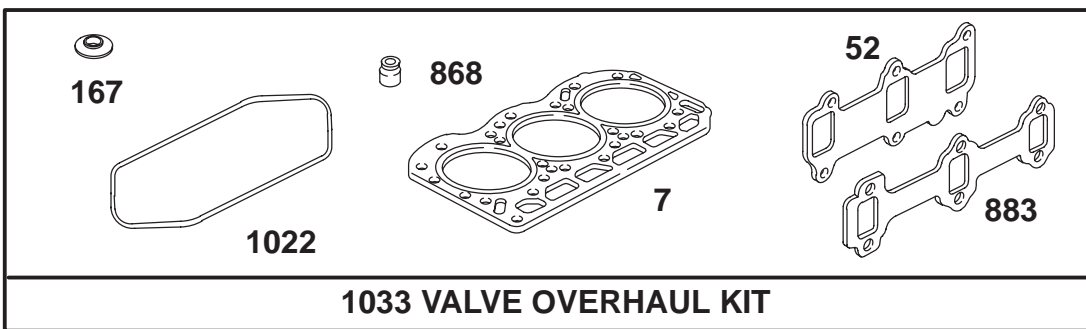
## ENGINE BRIGGS & STRATTON MODEL 433447

Ref. No.	Part No.	Description	No. Used
85	820029	Screw—Hex.	1
180A	820019	Screw—Hex. (Req. 2)	1
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



**358 GASKET SET**



**1033 VALVE OVERHAUL KIT**

Assemblies include all parts shown in frames.

## ENGINE BRIGGS & STRATTON MODEL 433447

Ref. No.	Part No.	Description	No. Used
†3	K820056	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

Ref. No.	Part No.	Description	No. Used
†‡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

† Included in Gasket Set — Part No. 825056.

‡ Included in Valve Overhaul Kit — Part No. 825057.

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
2844	Washer	23	36	3	75-1310	Element	17	30	1
3-6498	Washer - Thrust	23	12	1	75-2010	Cartridge - Relief 2000 psi	14	8	1
5-3934	Bolt	7	5	1	75-2080	Seal Kit	14	*	5
10-6060	Pin - Ram Pivot	28	5	2	75-2090	Seal Kit	14	*	1
10-6821	Brake Drum Assembly	3	*	2	75-3420	Lever - Control	10	7	1
10-6830	Stud - Drive	7	28	4	75-4705	Hose - Fuel	32	44	1
10-6850	Drum - Brake	3	3	2	75-5470	Spacer	23	15	1
10-6870	Hub - Wheel	3	24	2	75-5470	Spacer	11	17	1
10-7880	Hinge - Upper	1	11	1	75-9440	Hub - Wheel	7	6	1
10-7890	Hinge - Lower	1	12	1	76-0800	Seal Kit	4	*	1
17-9420	Screw - Handle	2	18	1	76-0810	Housing Assembly	4	*	1
18-6320	Washer - Steering	7	3	3	76-0840	Manifold	4	22	1
18-6380	Pin	23	18	1	76-0850	Bearing - Thrust	4	12	1
20-7150	Switch - Toggle	18	3	1	76-0860	Shaft - Coupling	4	11	1
26-3790	Nut - Lock	3	14	2	76-0870	Plate - Wear	4	18	1
27-2360	Switch - Ignition	10	13	1	76-0880	Commutator Assembly	4	*	1
27-6600	Spacer - Coupling	20	9	4	76-0940	End Cover Assembly	4	24	1
28-3680	Tire	3	2	2	76-6070	Rotating Kit Assembly	22	11	1
28-3680	Tire	7	7	1	76-6080	Seal - Cover	22	5	1
33-3720	Washer	22	33	1	76-6090	Cover - Trunion	22	25	1
33-3750	Race - Inner	22	28	1	76-6100	Cover - Trunion O-Ring	22	26	1
39-2080	Dump Valve Assembly	22	21	1	76-6140	O-Ring	22	27	1
41-4430	Plate - Washer	32	21	3	76-6150	Pin - Dowel	22	15	2
42-2720	Seal - Shaft	22	34	1	76-6160	Screw - Cap	22	23	2
43-6280	Button - Push	10	22	1	76-6170	Screw - Cap	22	22	2
43-6420	Bezel	10	23	1	76-6180	Washer	22	7	2
47-2890	Bushing	5	12	2	76-6190	Seal - Shaft	22	6	1
47-6990	Nut - Steering Wheel	5	6	1	76-6200	Spring	22	19	2
48-9510	Nut - Lock	24	24	1	76-8870	Lever Damper Assembly	23	4	1
49-6440	Pedal - Accelerator	2	4	1	80-8650	Coupling - Rubber	20	8	1
60-6330	Screw	22	4	4	80-9330	Alarm - Audio	18	2	1
63-2290	Washer - Thrust	30	19	1	83-0730	Spacer - Lockup	5	8	1
63-8360	Key - Ignition	10	6	2	83-0740	Disc - Friction	5	4	2
63-8410	Washer - Flat	16	4	3	83-0760	Spacer - Lockup	5	3	1
63-8410	Washer - Flat	17	12	4	83-0810	Cover - Steering Valve	5	16	1
63-8410	Washer - Flat	18	29	2	83-1030	Mount - Engine	32	18	3
63-9750	Mount - Rubber	23	35	3	83-1390	Fitting - Fuel Shutoff	16	9	1
65-6390	Washer - Thrust	5	24	1	83-1420	Steering Column Assembly	5	15	1
65-8320	Bar - Guage	28	*	1	83-1450	Sensor - Oil Level	18	12	1
66-2490	Retainer - Battery	15	7	1	83-1700	Bushing - Flange	1	15	3
66-2750	Battery	15	6	1	83-2250	Guage - Sight	18	16	1
66-2950	Gauge - Hour Meter	10	4	1	83-2280	Timer - Delay	18	26	1
66-3240	Cap - Radiator	19	34	1	84-2000	Bracket - Brake	3	6	2
68-3270	Bumper - Rubber	15	28	2	85-4491	Lamp - Diagnostic	15	34	1
68-5130	Wheel - Steering	5	5	1	85-6540	Stud - Drive	3	25	8
68-5140	Cap - Steering Wheel	5	27	1	85-9190	Plate - Control	10	10	1
68-6150	Breather - Air	18	4	1	85-9720	Fitting - Hydraulic	30	17	1
69-4240	Seal Kit	14	*	1	86-5390	Kit - Seal, Repair	29	*	1
69-9000	Spacer	26	10	4	86-5390	Kit - Seal, Repair	31	*	1
69-9000	Spacer	25	12	4	88-1270	Decal - Safety Standard	15	14	1
69-9010	Washer	26	9	8	88-7200	Washer - Pivot	23	7	1
69-9010	Washer	25	11	8	88-9190	Solenoid - 20 Watt	14	1	4
70-1240	Plug Assembly	22	18	2	92-5720	Controller - Electronic	15	1	1
70-1480	Relay	15	11	1	92-5753	Clamp - Hose, Double	15	26	2
70-8470	Screw	32	25	3	92-5838	Ball Joint	7	10	2
70-9840	Shoe - Brake	3	27	4	92-6280	Seat	8	1	1
70-9850	Clip - Retaining	3	29	2	92-6315	Cartridge - N.C.	14	9	1
70-9860	Cam - Brake	3	26	2	92-8795	Assembly - Body	27	10	1
70-9870	Plate - Backing	3	28	2	92-8796	Pin - Dowel	27	14	2
70-9880	Spring - Return	3	4	4	92-8863	Repair Kit	27	*	1
71-1500	Brake Assembly	3	*	2	92-8990	Adjuster	8	13	1
72-9760	Switch - Override	10	27	1	92-8991	Adjuster w/Latch	8	14	1
73-3540	Washer - Flat	18	43	2	92-8995	Bushing - Straight	30	5	2
74-0720	Tube - Manual	8	16	1	92-8995	Bushing - Straight	28	25	4
74-3730	Spacer - Cylinder	7	20	2	92-9199	Hydraulic Motor - Wheel	3	10	2
74-3810	Assembly - Load Plate	27	9	1	92-9761	Link - Drive	4	13	7
74-5950	Latch - Swell	19	11	2	92-9762	Screw - Cap Hex. Hd.	4	14	1
74-9100	Pad - Pedal Forward	2	3	1	92-9763	Rotor Set	4	*	1
74-9110	Pad - Pedal Reverse	2	2	1	93-1375	Reel Motor	26	5	1
75-1010	Switch	10	26	1	93-1375	Reel Motor	25	13	2

\*Not Illustrated

# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
93-2010	Frame	1 4 1	93-2242	Filter Assembly - Oil	17 8 1
93-2018	Hose - Radiator	19 17 1	93-2246	Hydraulic Cylinder Assembly	28 1 2
93-2020	Bracket - Support	32 14 1	93-2252	Hose Assembly	20 23 1
93-2033	Hose - Radiator	19 2 1	93-2252	Hose Assembly	5 31 1
93-2035	Hose - Air Cleaner	24 18 1	93-2254	Hose Assembly	28 24 2
93-2035	Hose - Air Cleaner	15 35 1	93-2254	Tube - Hydraulic	13 20 2
93-2035	Hose - Air Cleaner	19 37 1	93-2255	Hose Assembly	28 3 1
93-2036	Clamp - Air Hose	15 27 1	93-2255	Hose Assembly	13 26 1
93-2048	Cap - Overflow Tank	16 19 1	93-2255	Hose Assembly	15 36 1
93-2049	Tank - Overflow	16 21 1	93-2256	Hose Assembly	28 4 1
93-2050	Screen	19 10 1	93-2256	Hose Assembly	13 25 1
93-2055	Reed Switch - Sensor	11 9 2	93-2256	Hose Assembly	15 37 1
93-2056	Reed Switch - Actuator	11 10 1	93-2258	Hose Assembly	30 20 1
93-2058	Bracket - Traction	11 15 1	93-2258	Hose Assembly	13 24 1
93-2064	Spring - Detent	11 16 1	93-2259	Hose Assembly	26 4 2
93-2068	Hose - Pump Inlet	17 24 1	93-2260	Hose - Expansion Tank	19 25 1
93-2069	Rod - Brake	3 12 2	93-2260	Hose - Expansion Tank	16 26 1
93-2069	Rod - Brake	1 14 2	93-2262	Hose Assembly	25 15 2
93-2070	Clevis - Swivel	3 21 2	93-2263	Hose Assembly	25 17 2
93-2071	Fitting - Hose Barb	19 3 2	93-2264	Hose Assembly	25 14 2
93-2072	Shield - Wheel RH	1 17 1	93-2269	Hose Assembly	7 16 1
93-2073	Shield - Wheel LH	1 16 1	93-2269	Hose Assembly	15 30 1
93-2075	Brake Pedal	1 21 1	93-2269	Hose Assembly	5 32 1
93-2080	Brake Latch	1 13 1	93-2270	Hose Assembly	7 14 1
93-2085	Rod	2 1 1	93-2270	Hose Assembly	15 31 1
93-2089	Bracket - Controller	15 4 1	93-2270	Hose Assembly	5 33 1
93-2090	Fan - Engine	32 2 1	93-2271	Hose Assembly	13 13 1
93-2092	Clamp - Cable	2 31 1	93-2271	Hose Assembly	5 34 1
93-2096	Lever - Brake	3 13 2	93-2272	Hose Assembly	13 14 1
93-2099	Cable - Traction Control	2 16 1	93-2272	Hose Assembly	5 30 1
93-2099	Cable - Traction Control	23 29 1	93-2275	Screen - Filler	18 33 1
93-2103	Bushing - Straight	23 10 1	93-2276	Spring - Brake Latch	1 2 1
93-2111	Stud - Traction	23 13 1	93-2279	Clamp - Cable	11 2 1
93-2115	Steering Arm	5 19 1	93-2279	Clamp - Cable	2 34 1
93-2120	Steering Control Valve	5 23 1	93-2300	Radiator	19 4 1
93-2122	Cylinder Asm - Steering	7 13 1	93-2310	Radiator Support	19 8 1
93-2123	Bracket - Fuse Block	15 19 1	93-2320	Shroud - Fan	19 19 1
93-2125	Castor Fork	7 4 1	93-2329	Control - Choke	10 9 1
93-2128	Panel - Seat Base	8 5 1	93-2343	Cable - Battery, Positive	15 21 1
93-2133	Ball Joint	30 15 1	93-2344	Cable - Battery, Negative	15 22 1
93-2133	Ball Joint	28 20 2	93-2344	Cable - Battery, Negative	32 36 1
93-2135	Support - Seat	8 4 1	93-2349	Harness - Wire	32 37 1
93-2141	Plate - Floor	2 9 1	93-2349	Wire Harness	15 23 1
93-2142	Pad - Floor Plate	2 8 1	93-2350	Carrier - Center	30 7 1
93-2153	Adapter - Fan	32 24 1	93-2360	Carrier - LH	28 12 1
93-2173	Plate - Pump	32 27 1	93-2361	Bushing - Flange	30 6 2
93-2174	Spacer - Lower	32 29 2	93-2361	Bushing - Flange	28 10 4
93-2181	Pipe - Exhaust	24 12 1	93-2362	Roller - Anti Scalp	30 11 4
93-2188	Exhaust Bracket	24 11 1	93-2362	Roller - Anti Scalp	28 17 8
93-2190	Air Cleaner Assembly	24 6 1	93-2363	Shaft - Roller	30 12 2
93-2191	Mounting Band Assembly	24 5 1	93-2363	Shaft - Roller	28 16 8
93-2194	Hose - Air Cleaner	24 17 1	93-2368	Bushing - Flange	30 10 2
93-2194	Hose - Air Cleaner	32 40 1	93-2368	Bushing - Flange	28 14 4
93-2195	Element - Air Cleaner	24 *23 1	93-2369	Carrier - RH	28 11 1
93-2199	Screw - HH	5 9 1	93-2380	Pin	28 6 2
93-2200	Engine - Daihatsu	32 1 1	93-2384	Spacer - Carrier	28 28 2
93-2205	Engine Mount - Front	32 13 1	93-2400	Lockup Handle	5 2 1
93-2210	Engine Mount - Rear	32 11 1	93-2403	Lift Arm - Center	30 4 1
93-2220	Pump Adapter	20 10 1	93-2405	Lift Arm - RH	28 21 1
93-2224	Tank - Fuel, Gasoline	16 2 1	93-2407	Lift Arm - LH	28 22 1
93-2227	Hose - Fuel	16 12 1	93-2422	Rod - Seat Pivot	8 10 2
93-2228	Hose - Fuel	16 23 1	93-2424	Bracket - Cooler, Lower	19 13 2
93-2228	Hose - Fuel	32 38 1	93-2425	Bracket - Cooler, Upper	19 5 2
93-2229	Hose - Fuel	32 17 1	93-2429	Tank - Leak Detection	18 5 1
93-2232	Decal - Console	10 14 1	93-2430	Valve Assembly	18 11 1
93-2234	Decal - GR3200	7 22 2	93-2432	O-Ring	18 20 1
93-2235	Tank - Hydraulic	17 6 1	93-2433	Hose - Formed, Inlet	18 14 1
93-2236	Mount - Oil Filter	17 10 1	93-2434	Hose - Formed, Outlet	18 7 1
93-2238	T-Block	25 18 1	93-2435	Plate - Cover	18 1 1
93-2240	Manifold Assembly	13 1 1	93-2436	Decal - Leak Detector	18 23 1

\*Not Illustrated

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Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
93-2438	Clamp – Fuel Tank	17 3 1	94-1375	Trunion Lock Bracket	2 21 1
93-2445	Bracket – Alternator, Lower	32 4 1	94-1378	Tube – Handle Pivot	11 11 1
93-2446	Bracket – Alternator, Upper	32 5 1	94-1383	Pedal Pivot	2 12 1
93-2448	Housing – Thermostat	19 27 1	94-1386	Shaft – Pedal Lock	2 23 1
93-2509	Clamp – Tube	25 3 2	94-1398	Tube – Pivot	30 22 1
93-2551	Seal – Basket	28 37 2	94-1414	Valve	24 22 1
93-2551	Seal – Basket	30 38 1	94-2579	Decal – Toro	8 27 1
93-2552	Retainer	28 36 2	94-2627	Cartridge	14 3 1
93-2552	Retainer	30 37 1	94-2690	Filter – Fuel	16 11 1
93-2553	Grass Basket Assembly	28 35 2	94-3011	Plug	21 18 1
93-2553	Grass Basket Assembly	30 36 1	94-3452	Pin – Cylinder	30 21 1
93-2578	Shroud – Console	8 19 1	94-3456	Tube – Pivot	23 2 1
93-2586	Hydrostat	20 16 1	94-3457	Sender – Temperature	32 3 1
93-2588	Spacer – Upper	32 28 2	94-3461	Steering Cover	5 14 1
93-2589	Hub – Pump	20 4 1	94-3474	Pad – Thermal	16 25 1
93-3101	Cap – Fuel	16 1 1	94-3477	Hose Assembly	13 22 1
93-3614	Assembly – Cover	27 4 1	94-3477	Hose Assembly	30 26 1
93-3615	Assembly – Drive Shaft	27 7 1	94-3483	Pull Arm	30 9 1
93-3616	Assembly – Idler Gear	27 6 1	94-3483	Pull Arm	28 13 2
93-5447	Insert – Threaded	8 28 2	94-3486	Plate	23 34 1
93-6668	Decal – Battery	15 42 1	94-3488	Pump Lever	23 6 1
93-6681	Decal – Warning, Fan	19 6 1	94-3489	Screw – HH	2 26 1
93-6686	Decal – Hydraulic Oil	8 24 1	94-3491	Bracket – Spring	23 19 1
93-6689	Decal – No Rider	8 26 1	94-3641	Housing Assembly	22 29 1
93-7053	Warning Light Cluster	10 5 1	94-3643	Plate – Cam	22 10 1
93-7160	Cap – Hydraulic Oil	18 32 1	94-3644	Seat	22 20 2
93-7252	Decal – CE Mark	8 33 1	94-3645	Key	22 1 1
93-7276	Decal – Danger	15 43 1	94-3646	Key	22 9 1
93-7494	Cartridge – N.O. Poppet	14 2 2	94-3652	Cover Assembly	24 21 1
93-7498	Plug – Plastic	18 41 1	94-3653	Bolt	24 26 1
93-7629	Pad – Foot Brake	1 22 1	94-3654	Spring – Compression	24 25 1
93-7840	Decal – Radiator Cap	19 12 1	94-3661	Seal Kit	14 * 1
93-8062	Decal – Parking Brake	1 5 1	94-4353	Hose – Fuel	16 18 1
93-8063	Decal – Warning	5 26 1	94-4398	Kit – Seal, Repair	7 *32 1
93-8064	Decal – Warning	28 29 2	94-4517	Hose – Formed	17 21 1
93-8064	Decal – Warning	30 29 1	94-4518	Tube – Hydraulic	17 22 1
93-8068	Decal – Steering Arm	5 20 1	94-4518	Tube – Hydraulic	13 27 1
93-8069	Decal – Hot Surface	24 9 1	94-4519	Tube – Convolute	15 40 1
93-9051	Decal – Eccentric Bolt	23 28 1	94-4522	Hose – Breather	19 24 1
94-1300	Neutral Lock	2 27 1	94-4527	Neutral Arm	23 11 1
94-1304	Cable – Neutral Lock	11 22 1	94-4528	Plug	19 14 2
94-1304	Cable – Neutral Lock	2 24 1	94-4538	Spacer – Mount	32 45 3
94-1307	Cable Support	23 9 1	94-4539	Hose Assembly	26 16 1
94-1312	Spacer – Pivot	23 5 1	94-4539	Hose Assembly	17 27 1
94-1316	Bracket – Bulkhead	26 6 1	94-4546	Panel – Extension	8 30 1
94-1317	Tube – Hydraulic	26 7 1	94-4547	Panel – Lower	8 20 1
94-1317	Tube – Hydraulic	13 15 1	94-4548	Bumper	28 7 2
94-1318	Tube – Hydraulic	25 20 1	94-4548	Bumper	30 34 1
94-1318	Tube – Hydraulic	26 21 1	94-4550	Decal – Service (Danish)	8 25 1
94-1319	Tube – Hydraulic	25 21 1	94-4551	Decal – Service (Dutch)	8 25 1
94-1320	Tube – Hydraulic	25 22 1	94-4552	Decal – Service (Finnish)	8 25 1
94-1320	Tube – Hydraulic	13 34 1	94-4553	Decal – Service (French)	8 25 1
94-1321	Tube – Hydraulic	26 20 1	94-4554	Decal – Service (German)	8 25 1
94-1321	Tube – Hydraulic	25 23 1	94-4555	Decal – Service (Italian)	8 25 1
94-1325	Push Mount Tie	15 16 2	94-4556	Decal – Service (Japanese)	8 25 1
94-1328	Hose Assembly	26 8 1	94-4557	Decal – Service (Norwegian)	8 25 1
94-1331	Hose Assembly	13 30 1	94-4558	Decal – Service	8 25 1
94-1332	Hose Assembly	20 27 1	94-4559	Decal – Service (Spanish)	8 25 1
94-1332	Hose Assembly	13 33 1	94-4560	Decal – Service (Swedish)	8 25 1
94-1339	Muffler Shield	24 8 1	94-4929	Kit – Seal	6 * 1
94-1348	Hose – Tank, Recovery	16 17 1	94-5350	Fitting – Bulkhead Tee	26 28 2
94-1350	Harness – Leak Detector	18 22 1	94-5352	Retainer – Hose	26 29 1
94-1352	Decal – Service	8 25 1	94-5353	Tube – Hydraulic	26 31 1
94-1353	Handle	11 7 1	94-5354	Tube – Hydraulic	26 32 1
94-1364	Plate	16 13 1	94-5355	Hose Assembly	20 26 1
94-1369	Spring – Ext.	23 17 1	94-5356	Hose Assembly	20 35 1
94-1371	Spacer	2 11 1	94-5357	Hose Assembly	26 26 2
94-1372	Bracket – Mow	2 20 1	94-5357	Hose Assembly – RH	3 7 2
94-1373	Bracket – Lock	2 19 1	94-5358	Hose Assembly	26 30 2
94-1374	Trunion Mow Bracket	2 22 1	94-5358	Hose Assembly – LH	3 8 2

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Part No.	Description	Pg. No.	Ref. No.	Qty.	Part No.	Description	Pg. No.	Ref. No.	Qty.
94-5359	Bracket - Air Cleaner	24	2	1	237-65	O-Ring	20	32	3
94-5438	Seal - Solenoid	14	19	8	237-78	O-Ring	13	23	7
94-6351	Cartridge - Relief 150 psi	14	13	1	237-78	O-Ring	26	24	1
94-6352	Plug - Cavity	14	18	1	237-78	O-Ring	25	30	4
94-6353	Cartridge Valve Assembly	14	15	1	237-78	O-Ring	28	30	4
94-6354	Plug - Orifice	14	14	1	237-78	O-Ring	7	30	2
94-6357	Hydraulic Cylinder Assembly	30	2	1	237-78	O-Ring	30	31	2
94-6359	Shaft - Drive	22	2	1	237-78	O-Ring	18	40	1
94-6360	Plate - Valve	22	13	1	237-79	O-Ring	14	11	1
94-6361	Back Plate Assembly	22	16	1	237-79	O-Ring	26	23	2
94-6362	Seal Repair Kit	22	*	1	237-79	O-Ring	25	28	4
94-6363	Bearing	22	3	1	237-79	O-Ring	20	29	3
94-6368	Bearing	22	14	1	237-79	O-Ring	5	29	4
94-6370	Alternator Guard Assembly	19	29	1	237-79	O-Ring	13	32	1
94-6383	Hose Assembly	20	44	1	237-79	O-Ring	18	36	4
94-6384	Hose Assembly	20	25	1	237-80	O-Ring	14	16	2
94-6385	Valve - Relief	20	40	1	237-80	O-Ring	13	17	2
94-6386	Cartridge - Relief Valve	20	47	1	237-80	O-Ring	18	19	1
94-6391	Gear Pump - 2 Section	20	28	1	237-80	O-Ring	3	31	4
94-6953	Console	10	1	1	237-81	O-Ring	17	17	3
94-8153	Muffler	24	7	1	237-81	O-Ring	13	29	1
94-8155	Bracket - Bulkhead	26	14	1	237-81	O-Ring	20	34	3
94-8156	Shield - Dust	32	47	1	237-100	Grommet	8	12	1
94-8158	Screw - Cap	21	11	8	237-123	O-Ring	18	25	1
94-8160	Washer	21	17	4	237-146	O-Ring	17	26	1
94-8161	Kit - Seal Repair	21	*	1	237-156	O-Ring	14	5	9
94-8165	Plate - Mounting	18	6	1	240-3	Grommet - Rubber	26	11	4
94-8166	O-Ring	18	42	1	240-3	Grommet - Rubber	25	24	4
94-8167	Hose Assembly	20	37	1	240-11	Grommet	16	3	3
94-8168	O-Ring	20	2	1	240-11	Grommet	17	13	4
94-8174	Hose - Pump Inlet	20	24	1	240-11	Grommet	18	15	2
217-60	Rim	3	23	2	242-50	Nut - Lug	3	1	8
217-60	Rim	7	23	1	242-50	Nut - Lug	7	8	4
218-446	Washer - Lock	10	15	1	2411-34	Ball Joint	23	26	1
218-447	Nut - Hex.	10	16	1	2411-34	Ball Joint	2	29	1
218-473	Boot - Toggle Switch	18	18	1	2411-38	Ball Joint	11	1	1
218-498	Nut - Lock	10	24	3	2411-38	Ball Joint Assembly	2	7	1
218-589	Washer - Lock	10	25	1	2412-34	Clamp - Hose	19	1	4
218-590	Switch - Micro	10	18	2	2412-34	Clamp - Hose	20	1	2
2112-9	Clamp	24	10	2	2412-34	Clamp - Hose	17	25	1
232-24	Stem - Valve	3	22	2	2412-36	Clamp - Hose	18	8	4
232-27	Valve Stem w/Cap	7	29	1	2412-36	Clamp - Hose	16	10	2
233-42	Knob	11	21	1	2412-39	Clamp - R	15	39	2
233-48	Knob	5	1	1	2412-41	Clamp - R	16	20	4
237-21	O-Ring	13	21	7	2412-41	Clamp - R	19	26	1
237-21	O-Ring	26	25	1	2412-92	Clamp - Hose	24	19	2
237-21	O-Ring	25	29	4	2412-92	Clamp - Hose	32	35	1
237-21	O-Ring	30	30	2	2412-92	Clamp - Hose	19	36	1
237-21	O-Ring	28	31	4	2412-104	Clamp - R	15	20	3
237-21	O-Ring	7	31	2	2412-108	Clamp - Hose	32	7	3
237-21	O-Ring	5	35	2	2412-108	Clamp - Hose	19	20	3
237-22	O-Ring	13	19	1	2412-108	Clamp - Hose	16	22	4
237-22	O-Ring	25	25	1	2412-129	Clamp - Hose	17	23	2
237-22	O-Ring	17	28	1	2412-133	Clamp - R	8	17	2
237-22	O-Ring	20	31	6	2412-134	Clamp - R	26	15	2
237-30	O-Ring	26	22	2	2412-137	Clamp - Tube, Double	26	34	1
237-30	O-Ring	25	27	4	251-259	Bearing - Ball	23	16	1
237-30	O-Ring	20	30	1	251-259	Bearing - Ball	11	19	1
237-30	O-Ring	13	31	1	252-66	Bearing - Thrust	22	32	1
237-42	O-Ring	14	7	6	252-71	Race - Bearing	22	31	2
237-42	O-Ring	13	18	1	252-95	Bearing - Thrust	22	8	2
237-42	O-Ring	25	26	1	253-111	Seal - Shaft	7	24	2
237-42	O-Ring	17	29	1	254-61	Bearing - Cup	7	19	2
237-42	O-Ring	5	36	1	254-70	Bearing Cone	7	18	2
237-42	O-Ring	20	39	2	254-78	Cone - Bearing	7	25	2
237-58	O-Ring	17	20	1	254-79	Cup - Bearing	7	26	2
237-58	O-Ring	13	28	1	256-311	Bushing - Straight	11	8	1
237-65	O-Ring	13	16	3	256-311	Bushing - Straight	2	13	4
237-65	O-Ring	26	27	3	281-10	Plug - Pipe	17	5	1
237-65	O-Ring	3	30	4	282-2	Clevis	1	19	2

\*Not Illustrated



# TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref.			Part No.	Description	Pg. Ref.		
		No.	No.	Qty.			No.	No.	Qty.
283-8	Pin - Clevis	30	3	1	3272-6	Pin - Cotter	1	20	2
283-8	Pin - Clevis	28	9	2	3272-11	Pin - Cotter	30	16	1
283-61	Pin - Clevis	1	18	2	3272-11	Pin - Cotter	28	23	2
283-72	Pin - Lynch	8	9	1	3272-11	Pin - Cotter	1	25	2
283-87	Pin - Clevis	1	23	2	3272-37	Pin - Cotter	7	2	1
285-17	Plug	24	20	1	3273-26	Screw - HSH	11	6	2
302-5	Fitting - Grease	2	38	1	3273-26	Screw - HSH	10	11	4
302-5	Fitting - Grease, Str.	7	21	1	3274-1	Screw - HH	20	20	2
302-55	Fitting - Grease	7	27	1	3274-12	Screw - HSH	8	29	4
302-60	Fitting - Grease 90°	30	32	1	3274-39	Screw - HSBH	8	6	9
302-60	Fitting - Grease 90°	28	33	2	3274-39	Screw - HSBH	5	13	6
302-60	Fitting - Grease, 90°	7	11	2	3274-39	Screw - HSBH	18	27	1
322-2	Screw - HH	8	2	2	3274-63	Screw - HSBH	5	7	2
323-4	Screw - HH	5	18	2	3274-80	Screw - HSBH	5	21	3
323-4	Screw - HH	23	20	2	3290-55	Rivet - Pop	28	38	16
323-11	Screw - HH	32	19	3	3290-55	Rivet - Pop	30	39	8
325-4	Screw - HH	5	10	2	3290-93	Screw - HH	10	19	4
325-6	Screw - HH	28	26	2	3290-277	Nut - Speed	5	25	6
325-6	Screw - HH	30	27	1	3290-354	Plate - Nut	10	17	2
327-17	Screw - HH	30	24	1	3290-357	Nut - Flange	32	20	3
3210-6	Screw - HH	23	8	1	3290-378	Tie - Cable	10	12	2
3211-2	Screw - HH	28	15	8	3290-378	Tie - Cable	8	18	1
3211-2	Screw - HH	30	25	4	3290-378	Tie - Cable	19	23	1
3213-1	Screw - HH	30	14	1	3290-378	Tie - Cable	7	33	1
3213-1	Screw - HH	28	19	2	3290-378	Tie - Cable	26	36	1
3218-2	Nut - Jam	15	29	2	3290-378	Tie - Cable	15	41	2
3218-5	Nut - Jam	28	27	2	3290-378	Tie - Cable	32	46	1
3218-5	Nut - Jam	30	28	1	3290-415	Rivet - Pop	15	24	2
3219-14	Nut - Hex.	2	40	1	3290-488	Boot - Control, Lift	10	20	1
3219-14	Nut - Jam	11	23	1	3290-489	Knob - Control, Lift	10	21	1
3220-1	Nut - Jam	23	38	1	3296-2	Nut - Lock	15	17	2
3220-1	Nut - Jam	2	39	1	3296-4	Nut - Lock Elastic	23	14	1
3220-2	Nut - Jam	1	3	2	3296-12	Nut - Lock	8	8	9
3220-2	Nut - Jam	23	32	1	3296-12	Nut - Lock	18	28	1
3220-6	Nut - Jam	7	17	4	3296-13	Nut - Lock	23	27	1
3220-20	Nut - Jam	3	15	2	3296-13	Nut - Lock	2	30	1
3241-6	Screw - SQH	20	5	2	3296-19	Nut - Lock	30	13	1
3242-2	Screw - Set	5	22	1	3296-19	Nut - Lock	28	18	2
3254-2	Washer - Lock	15	13	1	3296-27	Nut - Lock	11	4	1
3254-2	Washer - Lock, Int	32	6	1	3296-29	Nut - Lock	8	15	4
3256-1	Washer - Flat	25	2	2	3296-29	Nut - Hex	23	25	1
3256-1	Washer - Flat	17	15	2	3296-53	Nut - Hex	30	23	1
3256-1	Washer - Flat	8	23	3	3296-67	Nut - Lock NI	7	9	1
3256-1	Washer - Flat	2	28	2	32105-13	Screw - HH	15	18	2
3256-1	Washer - Flat	18	30	5	32120-8	Ring - Retaining	29	7	1
3256-3	Washer - Flat	20	7	4	32120-8	Ring - Retaining	31	7	1
3256-3	Washer - Flat	32	42	1	32120-72	Ring - Retaining, Ext.	30	18	2
3256-7	Washer - Flat	30	8	1	32121-6	Pin - Roll	30	33	2
3256-22	Washer - Flat	26	19	2	32121-6	Pin - Roll	28	34	4
3256-22	Washer - Flat	19	31	4	32121-7	Pin - Spring	8	11	2
3256-22	Washer - Flat	23	31	1	32121-45	Roll Pin	2	5	1
3256-22	Washer - Flat	15	38	2	32128-20	Nut - Lock	2	25	2
3256-22	Washer - Flat	20	41	2	32136-9	Nut - Hex	7	1	1
3256-23	Washer	19	30	1	32141-111	Nut - Adjustable	1	7	1
3256-23	Washer - Flat	8	3	4	32144-14	Screw - HH	24	1	2
3256-23	Washer - Flat	3	11	2	32144-14	Screw - HH	26	3	6
3256-23	Washer - Flat	16	14	2	32144-14	Screw - HH	17	4	2
3256-23	Washer - Flat	18	17	2	32144-14	Screw - HH	15	5	13
3256-24	Washer - Flat	15	10	1	32144-14	Screw - HH	16	6	7
3256-24	Washer - Flat	11	14	1	32144-14	Screw - HH	19	7	2
3256-24	Washer - Flat	20	19	4	32144-14	Screw - HH	28	8	4
3256-24	Washer - Flat	2	35	2	32144-14	Screw - HH	1	10	5
3256-24	Washer - Flat	20	46	2	32144-14	Screw - HH	2	10	8
3256-26	Washer - Flat	5	11	2	32144-14	Screw - HH	8	21	2
3256-26	Washer - Flat	32	31	8	32144-14	Screw - HWH	32	48	2
3256-27	Washer - Flat	1	24	2	32144-21	Screw - Phillips Pan Head	5	28	2
3256-77	Washer - Flat	8	7	6	32144-44	Screw - HWH	28	32	2
3257-42	Key - Woodruff	3	5	2	32144-44	Screw - HWH	30	35	1
3257-42	Key - Woodruff	4	17	1	32149-8	Nut - Keps	10	8	2
3269-15	Rivet - Pop	19	21	8	32149-8	Nut - Keps	11	18	2

\*Not Illustrated

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32151-13	Ring - Retaining	22	35	1	33114-030	Screw - HH	11	20	1
32151-29	Ring - Retaining	22	30	2	33114-030	Screw - HH	23	23	1
32151-41	Ring - Retaining	27	13	1	33114-090	Screw - HH	18	9	4
32151-104	Ring - Retaining, Ext.	7	12	2	33115-016	Screw - HH	2	36	1
33014-00	Nut - Hex	2	37	1	33115-020	Screw - HH	17	16	2
33023-00	Nut - Lock	1	1	2	33115-025	Screw - HH	17	11	4
33023-00	Nut - Lock	23	1	1	33115-025	Screw - HH	16	16	3
33023-00	Nut - Lock	2	15	2	33115-025	Screw - HH	18	24	2
33023-00	Nut - Lock	20	45	2	33115-035	Screw - HH	23	33	3
33023-00	Nut - Lock NI	15	3	5	33115-040	Screw - HH	15	8	1
33023-00	Nut - Lock NI	25	4	2	33115-040	Screw - HH	11	12	1
33023-00	Nut - Lock NI	32	8	1	33115-040	Screw - HH	20	15	2
33023-00	Nut - Lock NI	26	18	2	33115-050	Screw - HH	32	41	1
33023-00	Nut - Lock NI	3	19	8	33115-090	Screw - HH	2	14	1
33023-00	Nut - Lock NI	19	28	4	33116-060	Screw - HH	3	20	8
33023-00	Nut - Lock NI (Europe)	8	32	1	33116-130	Screw - HH	32	30	4
33024-00	Nut - Lock	1	8	1	33123-016	Screw - Carriage	1	6	2
33024-00	Nut - Lock	2	17	4	33124-020	Screw - Carr.	2	6	2
33024-00	Nut - Lock	23	21	3	340-2	Fitting - Hydraulic	17	2	1
33024-00	Nut - Lock	26	33	1	340-2	Fitting - Hydraulic	25	16	1
33024-00	Nut - Lock NI	10	3	4	340-4	Fitting - Hydraulic	25	8	2
33024-00	Nut - Lock NI	24	3	4	340-7	Fitting - Hydraulic	13	2	1
33024-00	Nut - Lock NI	11	5	1	340-8	Fitting - Hydraulic	20	17	2
33024-00	Nut - Lock NI	19	9	6	340-9	Fitting - Hydraulic	17	7	1
33024-00	Nut - Lock NI	20	13	2	340-9	Fitting - Hydraulic	13	8	1
33024-00	Nut - Lock NI	32	16	11	340-14	Fitting - 45°	3	9	4
33024-00	Nut - Lock NI	3	18	2	340-14	Fitting - Hydraulic	13	35	1
33024-00	Nut - Lock NI	18	31	4	340-17	Fitting - Hydraulic 90°	13	5	1
33025-00	Nut - Lock	2	33	1	340-18	Fitting - Hydraulic	20	21	1
33025-00	Nut - Lock	23	37	3	340-70	Nut - Bulkhead	26	2	1
33025-00	Nut - Lock	32	43	1	340-74	Nut - Bulkhead	26	1	4
33025-00	Nut - Lock NI	15	9	1	340-74	Nut - Bulkhead	25	10	4
33025-00	Nut - Lock NI	11	13	1	340-77	Fitting - Hydraulic	20	38	1
33025-00	Nut - Lock NI	20	14	2	340-77	Fitting - Hydraulic 90°	13	6	1
33026-00	Nut - Lock NI	32	32	4	340-92	Fitting - Hydraulic	25	7	4
33113-008	Screw - HH	11	3	2	340-92	Fitting - Hydraulic	13	9	3
33113-008	Screw - HH	25	19	1	340-92	Fitting - Hydraulic	26	12	1
33113-016	Screw - HH	15	12	3	340-94	Fitting - Tee	20	43	1
33113-016	Screw - HH	26	17	2	340-98	Fitting - Hydraulic 90°	20	3	1
33113-016	Screw - HH	17	18	2	340-98	Fitting - Hydraulic 90°	25	6	2
33113-016	Screw - HH	18	21	5	340-98	Fitting - Hydraulic 90°	26	13	2
33113-016	Screw - HH	19	22	4	340-103	Fitting - Hydraulic 45°	13	10	1
33113-016	Screw - HH	8	22	3	340-115	Fitting - Tee	20	36	1
33113-016	Screw - HH	32	26	5	340-132	Fitting - Hydraulic	7	15	2
33113-020	Screw - HH	19	15	2	340-132	Fitting - Hydraulic 90°	30	1	1
33113-020	Screw - HH	3	16	8	340-132	Fitting - Hydraulic 90°	28	2	4
33113-030	Screw - HH	23	3	1	340-132	Fitting - Hydraulic 90°	13	7	1
33113-030	Screw - HH (Europe)	8	31	1	340-133	Fitting - Hydraulic	5	17	2
33113-050	Screw - HH	25	1	2	340-138	Fitting - Hydraulic 45°	13	3	1
33113-050	Screw - HH	20	42	2	340-139	Fitting - Hydraulic 90°	20	18	1
33113-070	Screw - HH	15	2	2	340-140	Tee - Hydraulic	13	11	1
33114-016	Screw - HH	32	9	1	353-599	Pin - Dowel	27	3	2
33114-016	Screw - HH	13	12	2	353-988	Plug	17	19	1
33114-016	Screw - HH	16	15	2	353-988	Plug	20	22	1
33114-016	Screw - HH	2	32	4	353-988	Plug	14	10	1
33114-020	Screw - HH	10	2	4	353-989	Plug	14	6	6
33114-020	Screw - HH	24	4	4	353-990	Plug	18	39	1
33114-020	Screw - HH	1	9	1	353-991	Plug	25	5	1
33114-020	Screw - HH	20	11	5	353-991	Plug	14	4	9
33114-020	Screw - HH	19	18	6	354-46	Ring - Seal	27	8	1
33114-020	Screw - HH	23	24	1	354-50	Screw - Hex Socket Hd.	27	1	4
33114-020	Screw - HH	26	35	1	354-51	Washer	27	2	4
33114-020	Screw - HHF	32	15	19	354-70	Plug	14	17	2
33114-025	Screw - HH	24	13	4	354-73	Fitting - Hydraulic	17	9	2
33114-025	Screw - HH	23	22	1	354-78	Fitting - Barb	17	1	1
33114-030	Screw - HH	20	12	2	354-120	Fitting - Barb	18	13	2
33114-030	Screw - HH	3	17	2	354-121	Fitting - Barb	18	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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### PRODUCT CHANGES

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### COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason you

are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

### MAINTENANCE RECORD

Date								