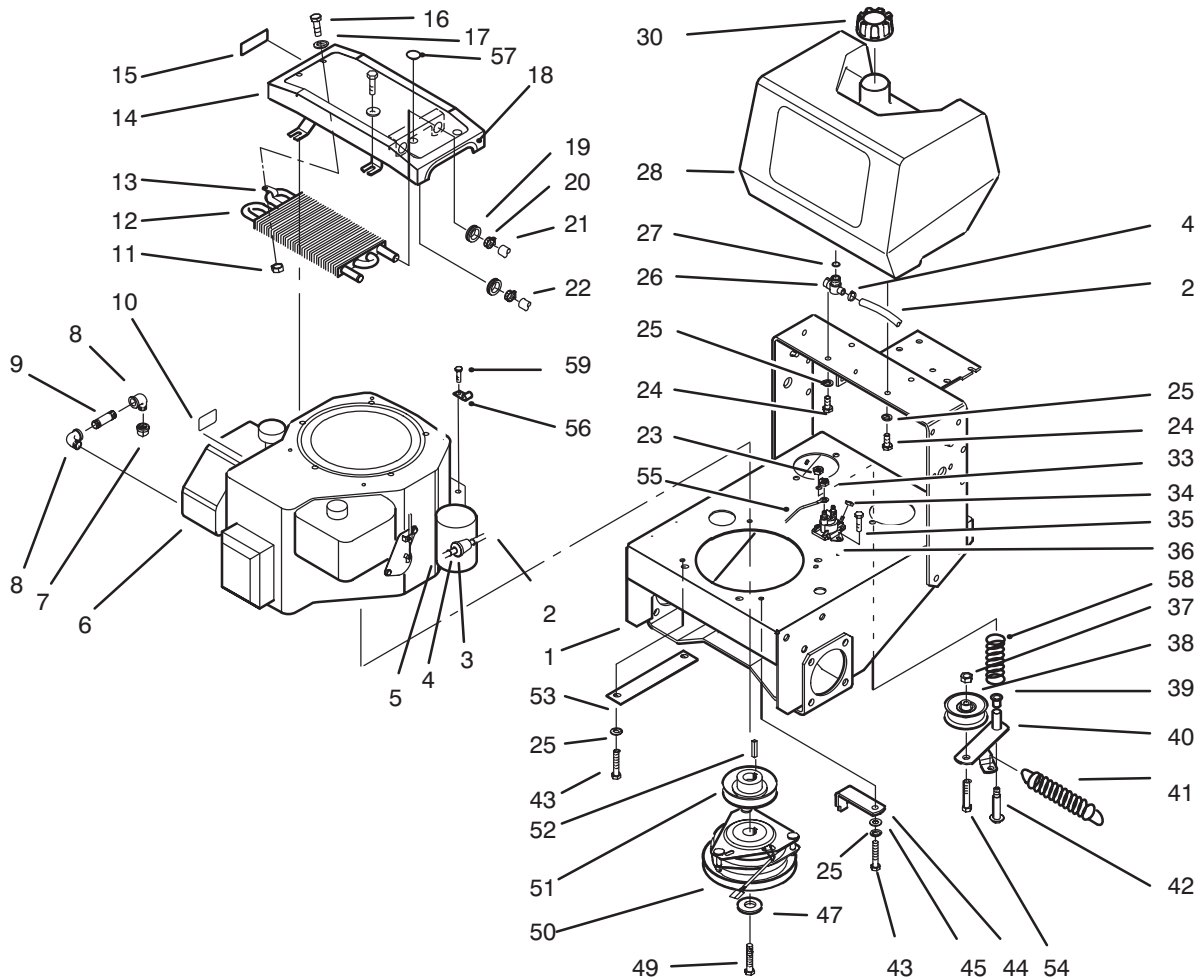




MODEL NO. 30186-690001 & UP

PARTS CATALOG

PROLINE MID SIZE TRACTION UNIT 14 HP Kohler Hydro Drive

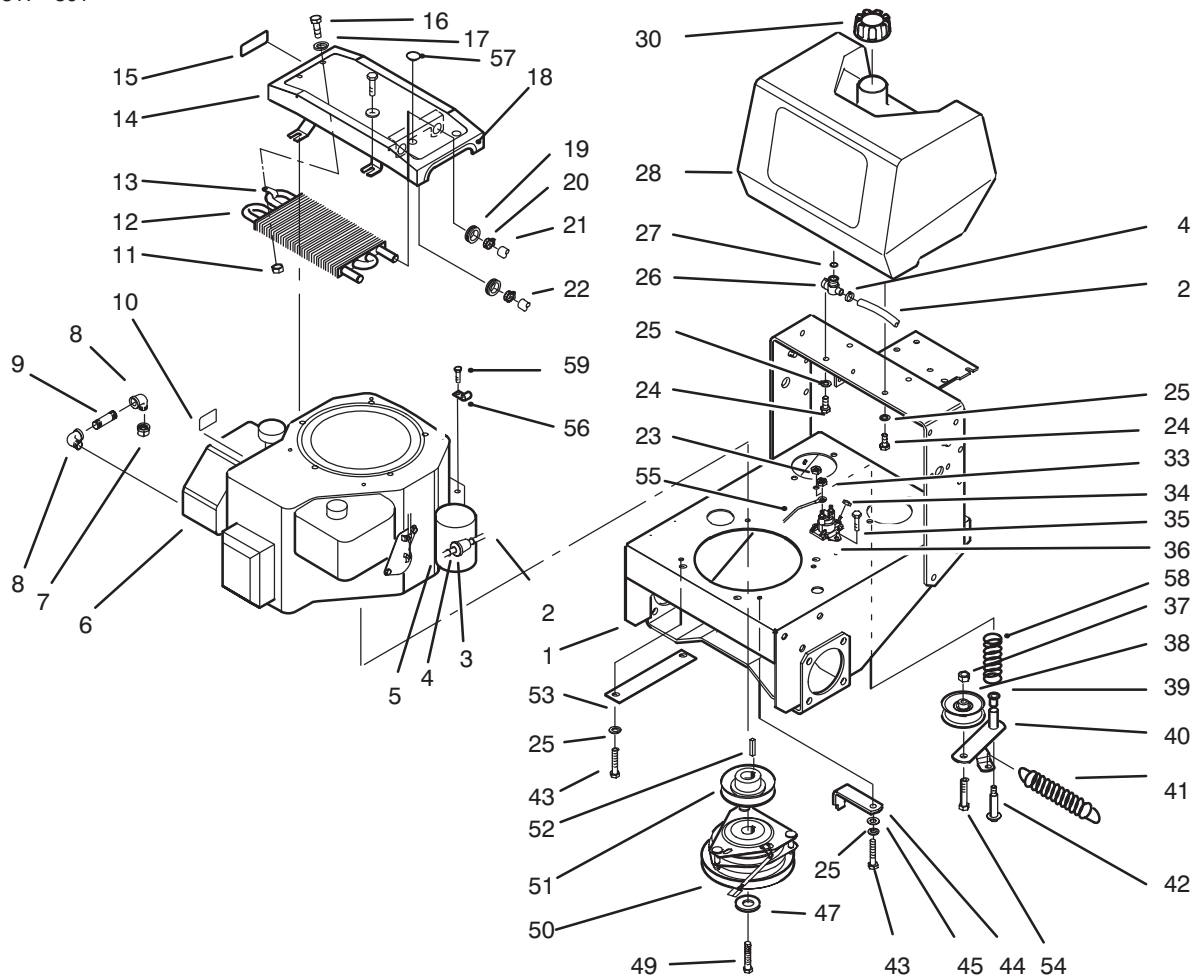


C-0733

FRAME, ENGINE, FUEL TANK, CLUTCH & COOLER ASS'Y

Ref. No.	Part No.	Description	No. Used
1	82-3900	Frame	1
2	47-2982	Hose - Fuel	1
3	56-6360	Filter - Fuel	1
4	2412-98	Clamp - Fuel Line	4
5	47-2964	Hose - Fuel	1
6		Engine - 14 H.P. Kohler CV14ST-PS1429	1
7	288-4	Cap - Pipe	1
8	74-0950	Elbow - Pipe	2
9	289-51	Nipple - Pipe	1
10	63-8440	Decal - Hot	1
11	3296-42	Nut - Lock	2
12	82-4220	Cooler - Oil	1
13	2412-134	"R" Clamp	1
14	82-4500	Mount - Cooler	1
15	74-0490	Decal - Fuel Line Shut Off	1

Ref. No.	Part No.	Description	No. Used
16	321-39	Screw - Hex. Hd.	6
17	3256-1	Washer - Flat	6
18	29-0642	Trim	1
19	240-9	Grommet	2
20	2412-136	Clamp - Hose	2
21	82-4193	Hose - Hydra.	1
22	82-4192	Hose - Hydra.	1
23	3296-6	Nut - Lock	1
24	322-3	Screw - Hex. Hd.	4
25	3253-4	Washer - Lock	6
26	74-0510	Valve - Fuel Shut Off	1
27	237-7	"O" Ring	1
28	82-8440	Tank - Fuel	1
30	55-3570	Cap - Fuel Tank	1
33	32149-2	Nut - Keps	2

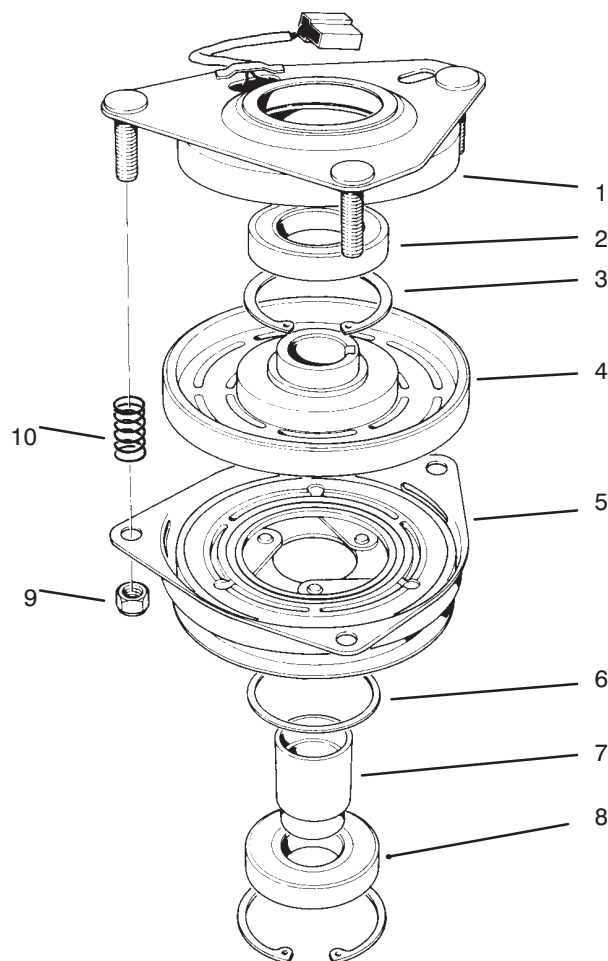


C-0733

FRAME, ENGINE, FUEL TANK, CLUTCH & COOLER ASS'Y

Ref. No.	Part No.	Description	No. Used
34	32149-8	Nut — Keps	1
35	32144-4	Screw	2
36	92-9845	Solenoid	1
37	3296-39	Nut	1
38	62-4540	Pulley — Idler	1
39	256-156	Bushing	2
40	86-4770	Idler Assembly (Incl. Ref.#39)	1
41	68-2190	Spring	1
42	27-6230	Bolt — Wheel	1
43	57-6380	Screw	4
44	51-4540	Retainer — Clutch	1

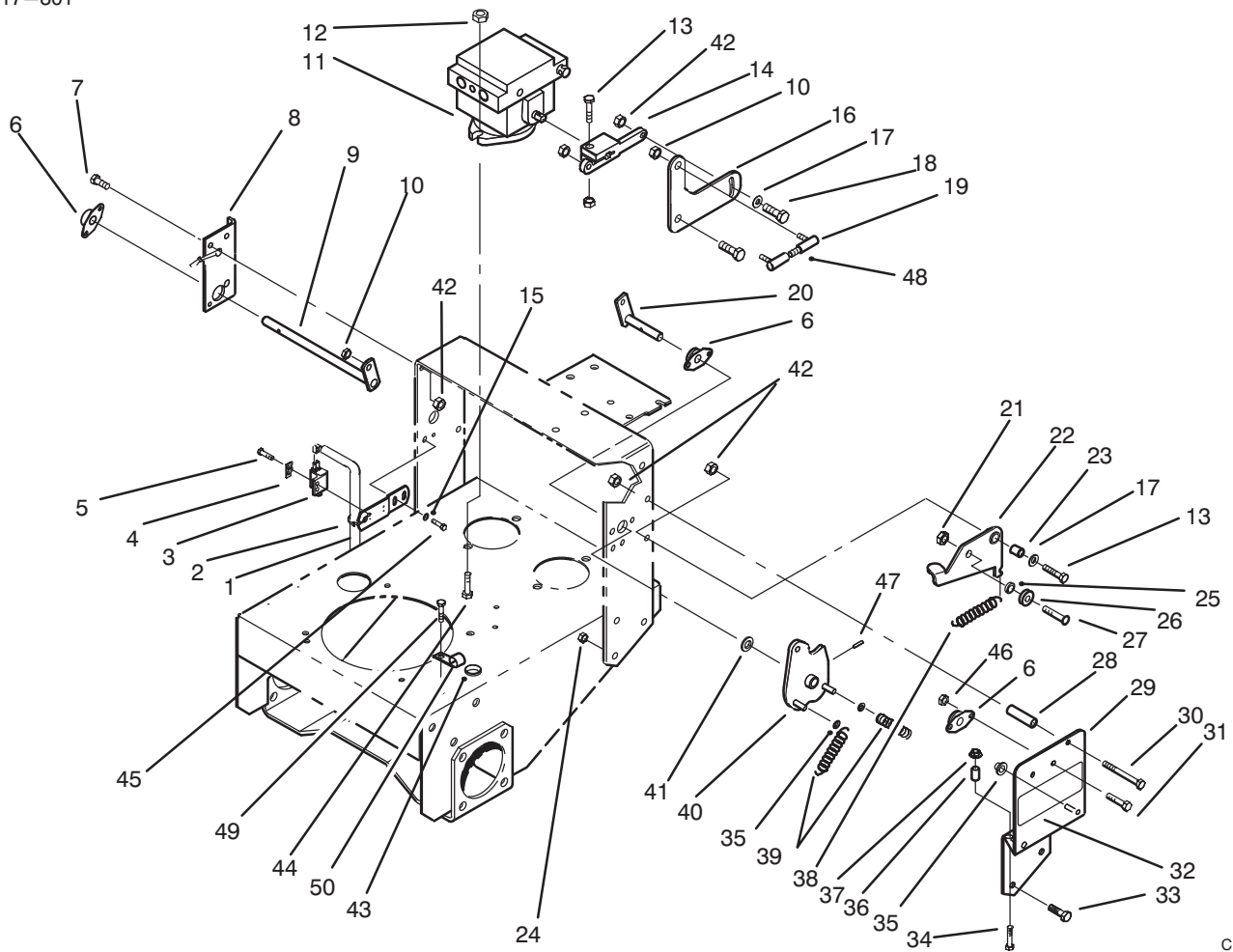
Ref. No.	Part No.	Description	No. Used
47	112843	Washer — PTO	1
49	57-6360	Screw — Hex. Hd.	1
50	54-3200	Clutch Assembly	1
51	44-5940	Pulley — Clutch	1
52	608006	Key	1
53	74-0930	Guard — Pulley	1
54	323-9	Screw — Hex. Hd.	1
55	28-3891	Wire Assembly — Starter	1
56	2412-106	"R"Clamp	1
57	2410-71	Cap — Plug	2
58	88-1880	Spring — Compression	1
59	32144-19	Screw	1



T-0080

CLUTCH ASSEMBLY NO. 54-3200

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	54-0230	Field Ass'y (Incl. Ref. # 2 & 3)	1	6	44-8330	Spacer - Pulley Bearing	1
2	251-292	Bearing - Field	1	7	44-8340	Collar - Bearing	1
3	44-8310	Ring - Retaining	2	8	251-291	Bearing - Pulley	1
4	44-8360	Field Coil, Rotor & Bearing Assembly (Incl. Ref. # 1)	1	9	3296-5	Nut - Lock	3
5	55-7410	Armature & Pulley Assembly (Incl. Ref. # 3, 6, 7, & 8)	1	10	44-8320	Spring	3



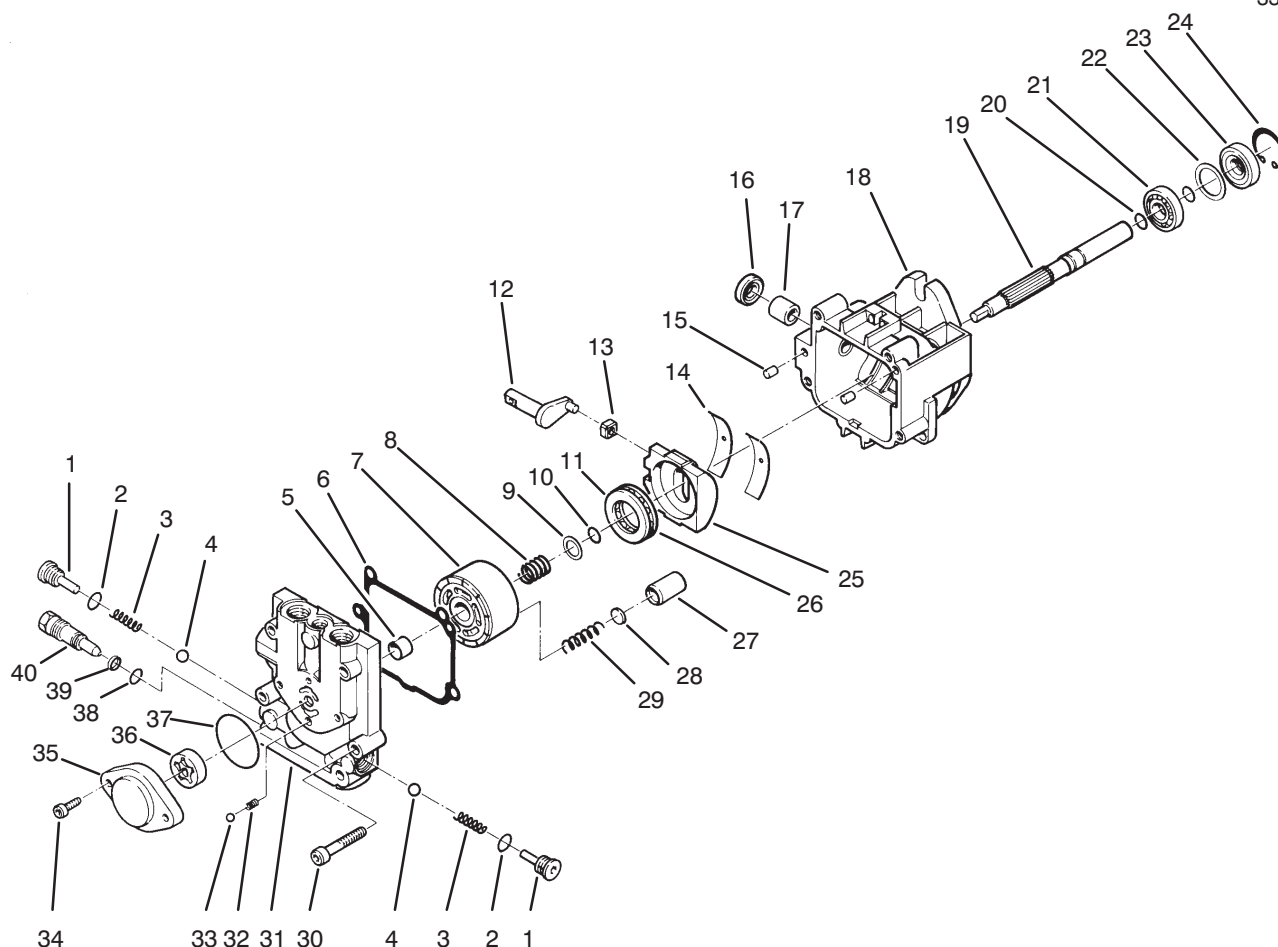
C-0734

HYDRAULIC PUMP & LINKAGE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	82-4580	Bracket - Neutral	2
2	3290-378	Tie - Cable	3
3	65-7410	Switch Assembly	2
4	82-4570	Plate - Switch	2
5	32144-1	Screw - Hex. Hd.	4
6	82-4130	Bearing Assembly	4
7	322-5	Screw - Hex. Hd.	2
8	82-4210	Bracket - Bushing	1
9	82-4290	Lever Assembly R.H.	1
10	3296-13	Nut - Lock	4
11	82-8220	Pump Assembly - Hydraulic	2
12	32128-42	Nut - Lock	4
13	322-7	Screw - Hex. Hd.	4
14	82-3790	Arm - Pump Control	2
15	3256-1	Washer	4
16	82-4230	Arm - Follower	2
17	3256-23	Washer - Flat	4
18	322-5	Screw - Hex. Hd.	4
19	2411-34	Joint - Ball	4
20	82-4270	Lever Assembly - L.H.	1
21	3296-47	Nut - Lock	2
22	82-4330	Detent Arm Assembly L.H.	1
*	82-4340	Detent Arm Assembly R.H.	1
23	82-4370	Bushing	2
24	3296-39	Nut	6
25	82-4240	Spacer	2
26	251-259	Bearing - Ball	2
27	3274-32	Screw - Hex. Hd.	2

Ref. No.	Part No.	Description	No. Used
28	82-3920	Stop - Reverse	2
29	82-4090	Bracket Assembly L.H.	1
*	82-4070	Bracket Assembly R.H.	1
30	322-14	Screw - Hex. Hd.	2
31	321-3	Screw - Hex. Hd.	8
32	82-4600	Decal - Hydro Drive	2
33	323-6	Screw - Hex. Hd.	6
34	321-8	Screw - Hex. Hd.	2
35	32112-11	Nut - Push On	8
36	80-0650	Spacer	2
37	32128-10	Nut - Lock	2
38	82-4160	Spring	2
39	86-4760	Spring	4
40	93-1371	Pivot Assembly L.H.	1
*	93-1372	Pivot Assembly R.H.	1
41	257-5	Washer - Thrust	2
42	3296-29	Nut - Lock	12
43	237-124	Grommet	1
44	324-5	Screw - Hex. Hd.	4
45	32144-3	Screw - Hex. Hd.	4
46	3296-42	Nut - Lock	8
47	32121-4	Pin - Roll	2
48	82-4120	Rod	2
49	32144-4	Screw	1
50	2412-106	"R" Clamp	1
51	3290-418	Pushnut	4
52	86-4750	Bracket - Stop	2

* Not Illustrated

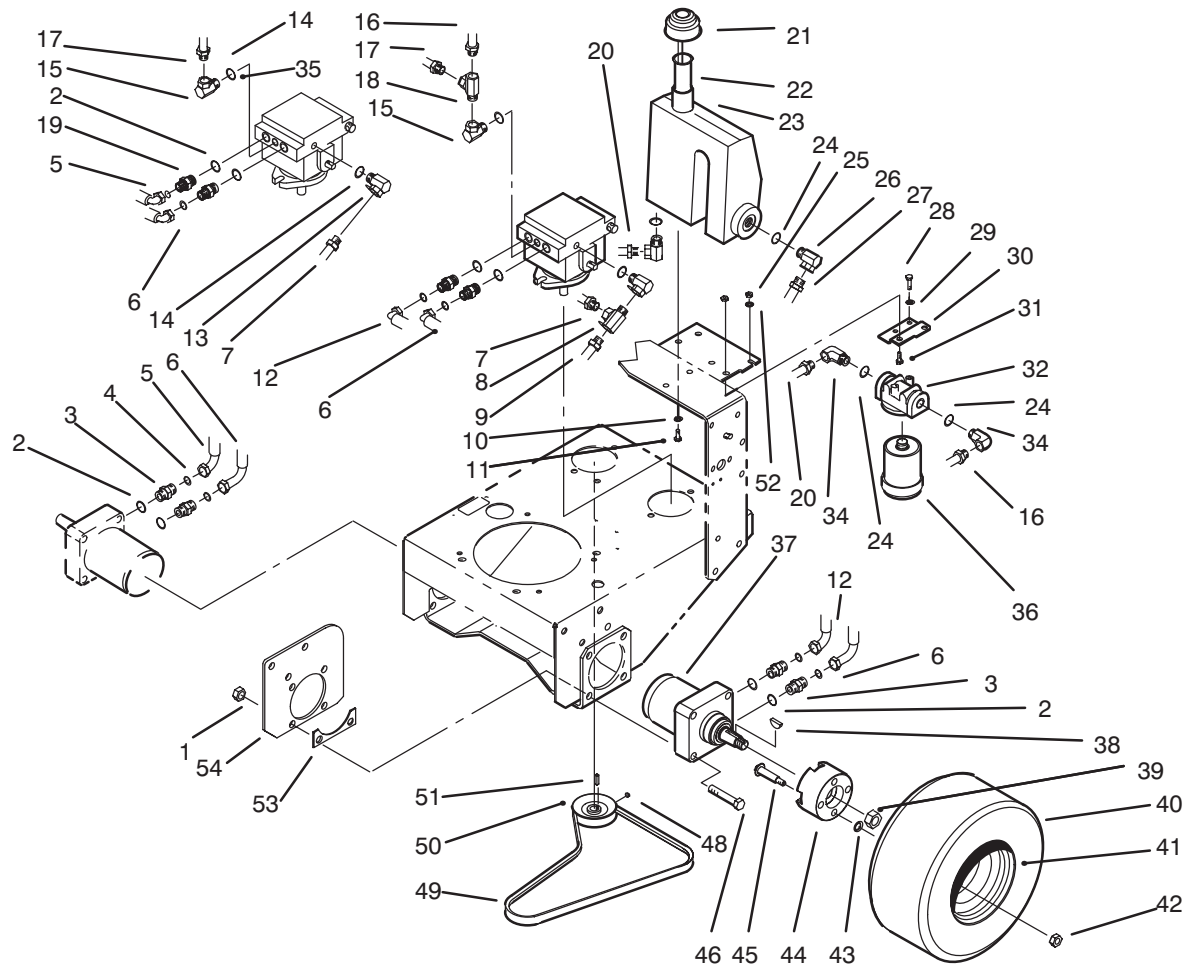


T-1236

HYDRAULIC PUMP ASSEMBLY NO. 82-8220

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	80-6120	Check Valve Kit (Incl. Ref. #2-4)	1	23		Seal - Lip	1
2		Seal - O-Ring	2	24		Ring - Retaining	1
3		Spring	2	25		Swashplate Assembly	1
4		Ball	2	26		Roller - Thrust	1
5		Journal - Bearing	1	27		Piston	5
6		Gasket - End Cap	1	28		Washer - Thrust	5
7		Cylinder Block Kit (Incl. Ref. #8-10 & 27-29)	1	29		Spring - Piston	5
8		Spring	1	30		Screw	4
9		Washer	1	31		End Cap Assembly (Incl. Ref. #5)	1
10		Ring - Retaining	1	32		Ball	1
11		Plate - Thrust	1	33		Spring	1
12		Arm - Trunion	1	34		Screw	2
13		Guide - Slot	1	35		Housing - Charge Pump	1
14		Cradle - Bearing	2	36		Gerotor Assembly	1
15		Pin	2	37		Seal - O-Ring	1
16		Seal - Lip	1	38		Seal - O-Ring	1
17		Journal - Bearing	1	39		Ring - Back-Up	1
18		Housing - Assembly (Incl. Ref. #16 & 17)	1	40		Valve - Bypass	1
19		Shaft	1	*	80-6110	Charge Relief Valve Kit (Incl. Ref. #32-33)	1
20		Ring - Retaining	2	*	80-6130	Overhaul Seal Kit (Incl. Ref. #6, 10, 16, 20, 23 & 37-39)	1
21		Bearing - Ball	1				
22		Spacer	1				

*Not Illustrated

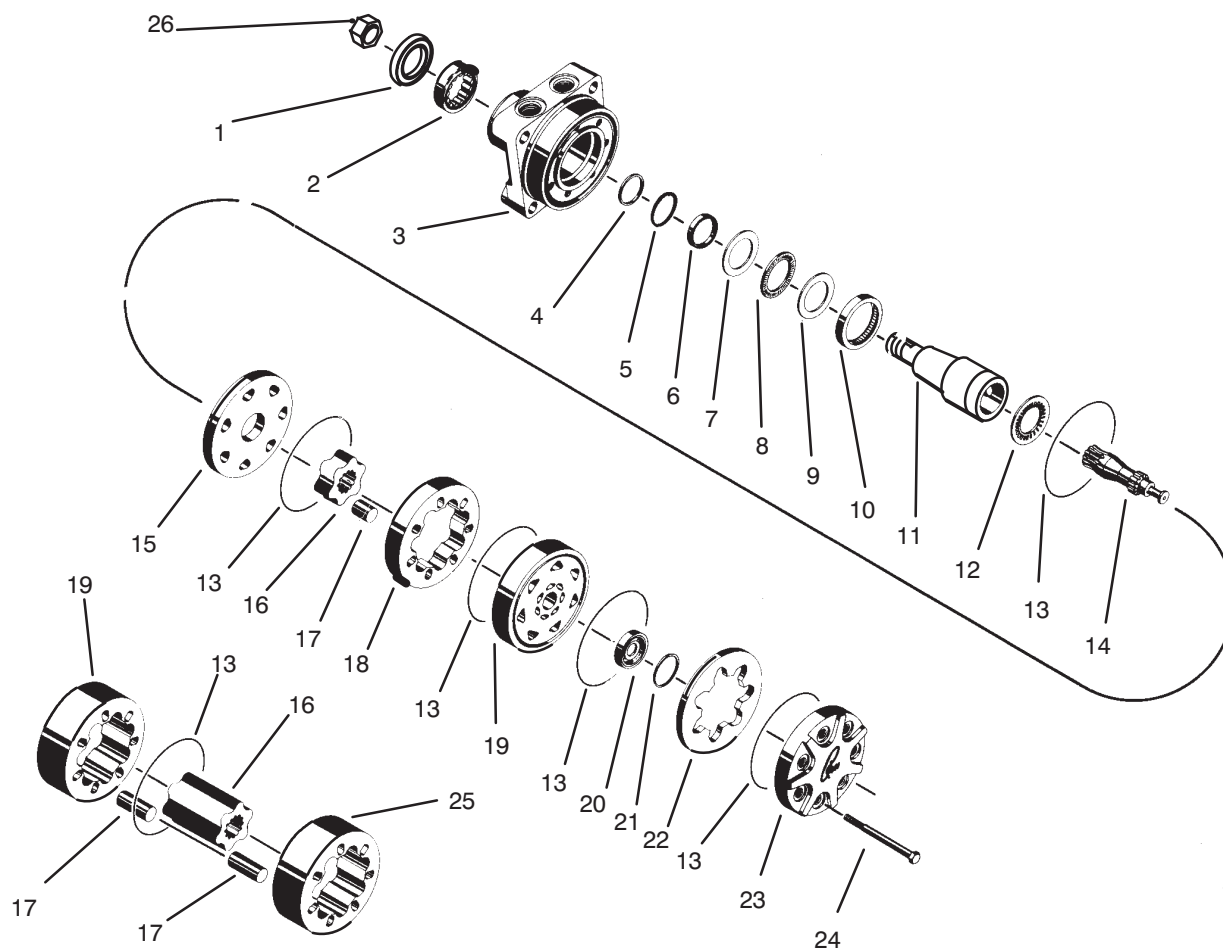


C-0735

WHEEL ASSEMBLY & HYDRAULIC COMPONENTS

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	3296-23	Nut	8	28	321-3	Screw	2
2	237-80	"O"Ring	A/R	29	3253-3	Washer - Lock	2
3	340-6	Fitting - Hydra.	4	30	82-4140	Bracket - Filter	1
4	237-30	"O"Ring	A/R	31	322-3	Screw	2
5	82-4540	Hose - Hydra.	2	32	54-0100	Head Assembly - Filter	1
6	82-4550	Hose - Hydra.	1	34	354-117	Fitting - Hydra.	2
7	82-4201	Hose - Hydra.	1	35	237-78	"O"Ring	A/R
8	2815-15	Fitting - Hydra.	1	36	67-8110	Filter - Oil	1
9	82-4192	Hose - Hydra.	1	37	82-8230	Motor - Wheel	2
10	3253-4	Washer - Lock	3	38	3257-8	Key - Woodruff	2
11	3253-4	Screw	3	39	85-7310	Nut (Incl. w/Motor)	2
12	82-4560	Hose - Hydra.	1	40	231-117	Tire	2
13	354-115	Fitting - Hydra.	2	41	242-87	Wheel	2
14	237-42	"O"Ring	A/R	42	242-50	Nut - Lug	8
15	354-116	Fitting - Hydra.	2	43	32112-17	Nut - Push On	8
16	82-4180	Hose - Hydra.	1	44	82-3830	Hub - Wheel	2
17	82-4170	Hose - Hydra.	1	45	3213-8	Screw - Hex. Hd.	8
18	2815-16	Fitting - Hydra.	1	46	325-11	Screw	8
19	340-4	Fitting Hydra.	4	48	3241-5	Screw - Set	4
20	82-4200	Hose - Hydra.	1	49	82-4110	"V" Belt	1
21	76-0200	Cap Assembly - Oil	1	50	82-4380	Pulley - Pump	2
22	29-0590	Screen - Filler	1	51	80-6090	Key	2
23	82-3910	Reservoir - Oil	1	52	3256-23	Washer	1
24	237-79	"O"Ring	A/R	*	232-27	Valve stem	2
25	3296-29	Nut	2	53	86-4740	Spacer	2
26	354-118	Fitting - Hydra.	2	54	86-4730	Plate - Frame	2
27	82-4193	Hose - Hydra.	1				

*Not Illustrated

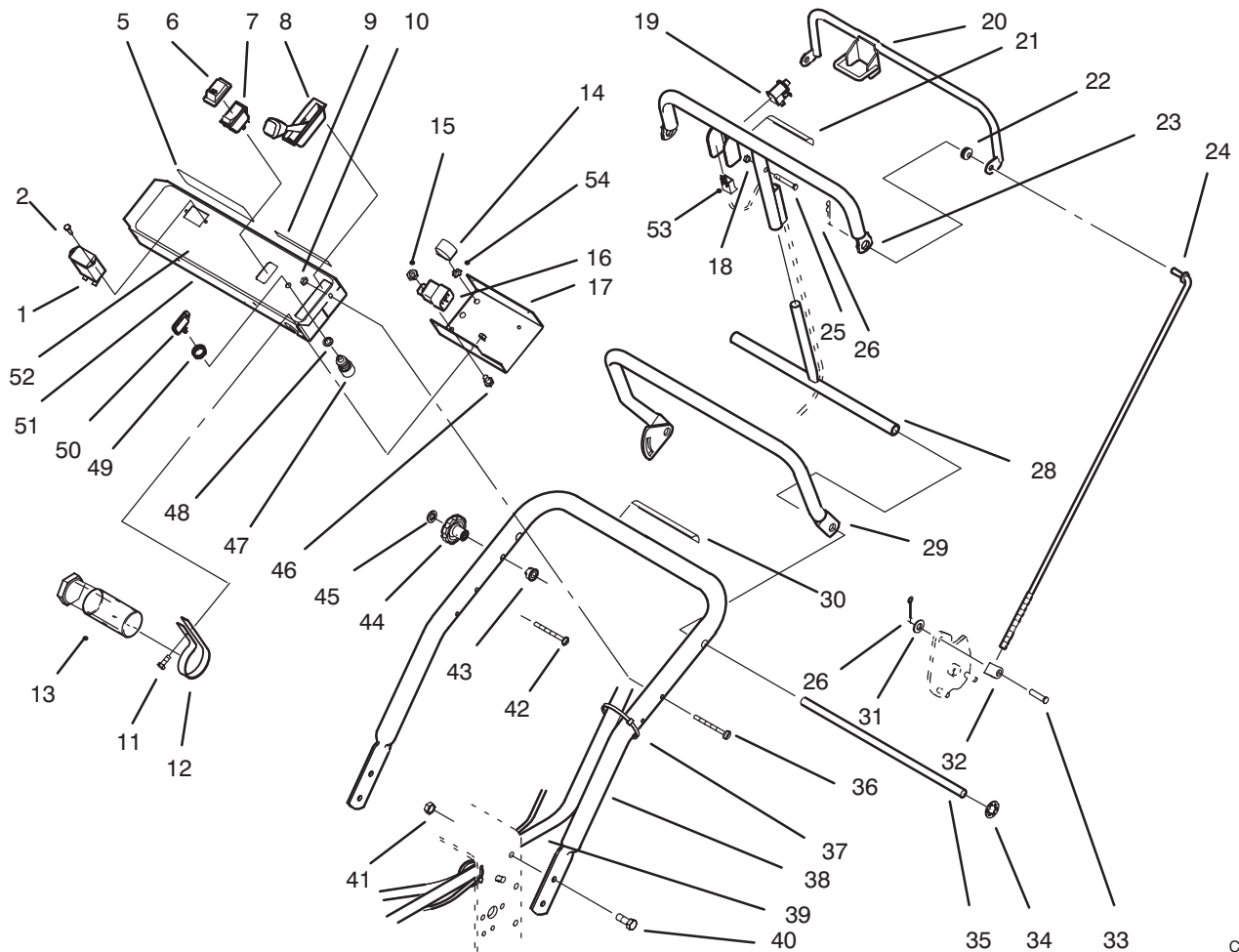


C-0737

TRACTION DRIVE MOTOR (Torquemotor)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1		Seal	1	15		Plate Wear	1
2		Bearing	1	16		Rotor	1
3		Housing	1	17		Vane	7
4		Washer – Back Up	1	18		Stator	
5		Washer – Back Up	1	19		Manifold	1
6		Seal	1	20		Commutator	1
7		Washer – Thrust	1	21		Seal – Commutator	1
8		Bearing – Thrust	1	22		Commutator – Ring	1
9		Washer – Thrust	1	23		Cover – End	1
10		Bearing – Inner	1	24		Bolt – Special	A/R
11		Coupling – Shaft	1	25		Stator Half	
12		Bearing – Thrust	1	26	85-7310	Nut	1
13		"O"Ring	5	*	85-7320	Kit – Seal (Incl. Ref. #1,4,6,13 & 20)	1
14		Link – Drive	1				

*Not Illustrated

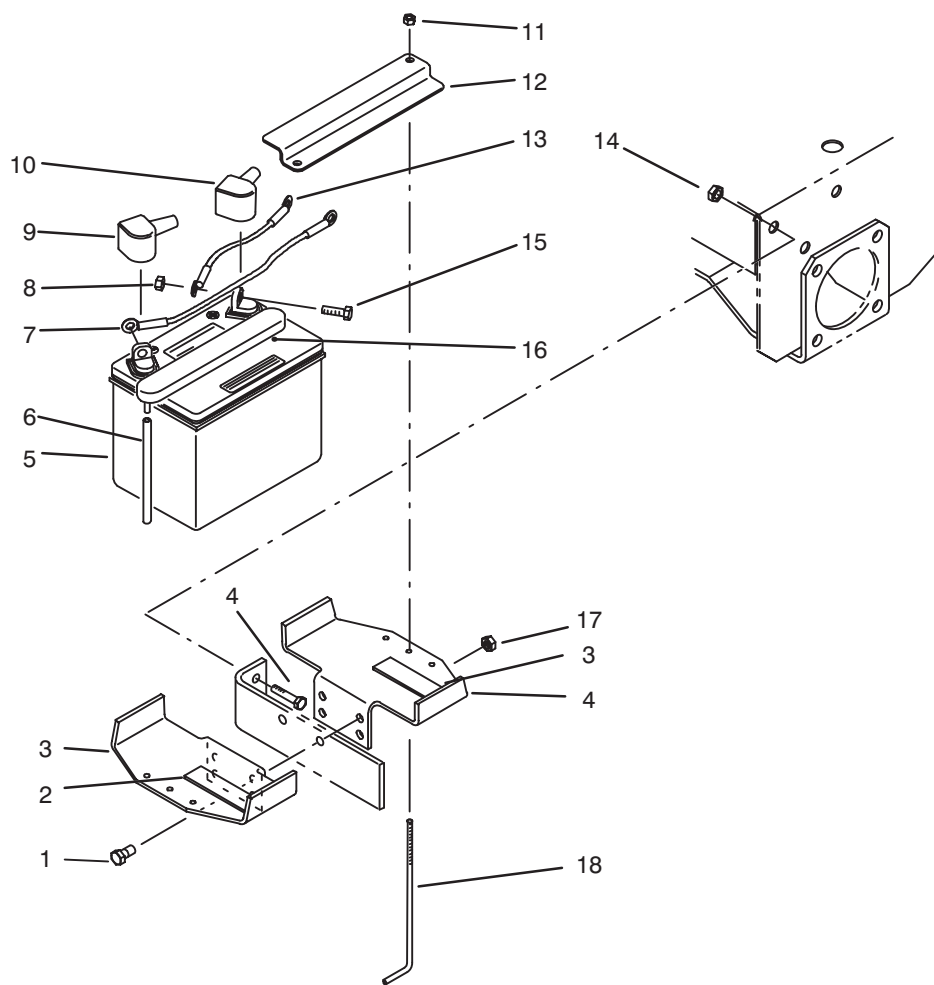


C-0769

HANDLE / CONTROL PANEL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	75-6820	Meter - Hour	1
2	32144-18	Screw - Hex. Hd.	2
5	71-1280	Decal - Danger	1
6	82-3820	Boot - Switch	1
7	82-2300	Switch - Clutch	1
8	74-0630	Control - Throttle	1
9	65-3090	Decal - Instructions	1
10	3296-2	Nut - Lock	4
11	32144-19	Screw	4
12	2412-120	"R"Clamp	2
13	74-0720	Tube - Manual	1
14	86-7910	Module	1
15	3296-42	Nut - Lock	2
16	63-7590	Relay	1
17	93-1187	Panel - Bottom	1
18	3296-2	Nut	1
19	82-2190	Switch - Bail	1
20	82-7680	Bail Assembly	1
21	82-2610	Decal - Control Bar	1
22	237-141	Grommet	2
23	82-7690	Control Bar Assembly	1
24	82-7631	Rod - Control	2
25	32105-1	Screw - Hex. Hd.	1
26	3290-307	Pin - Cotter	4
28	82-3940	Pivot Control Assembly	1
29	82-4300	Handle Assembly	1

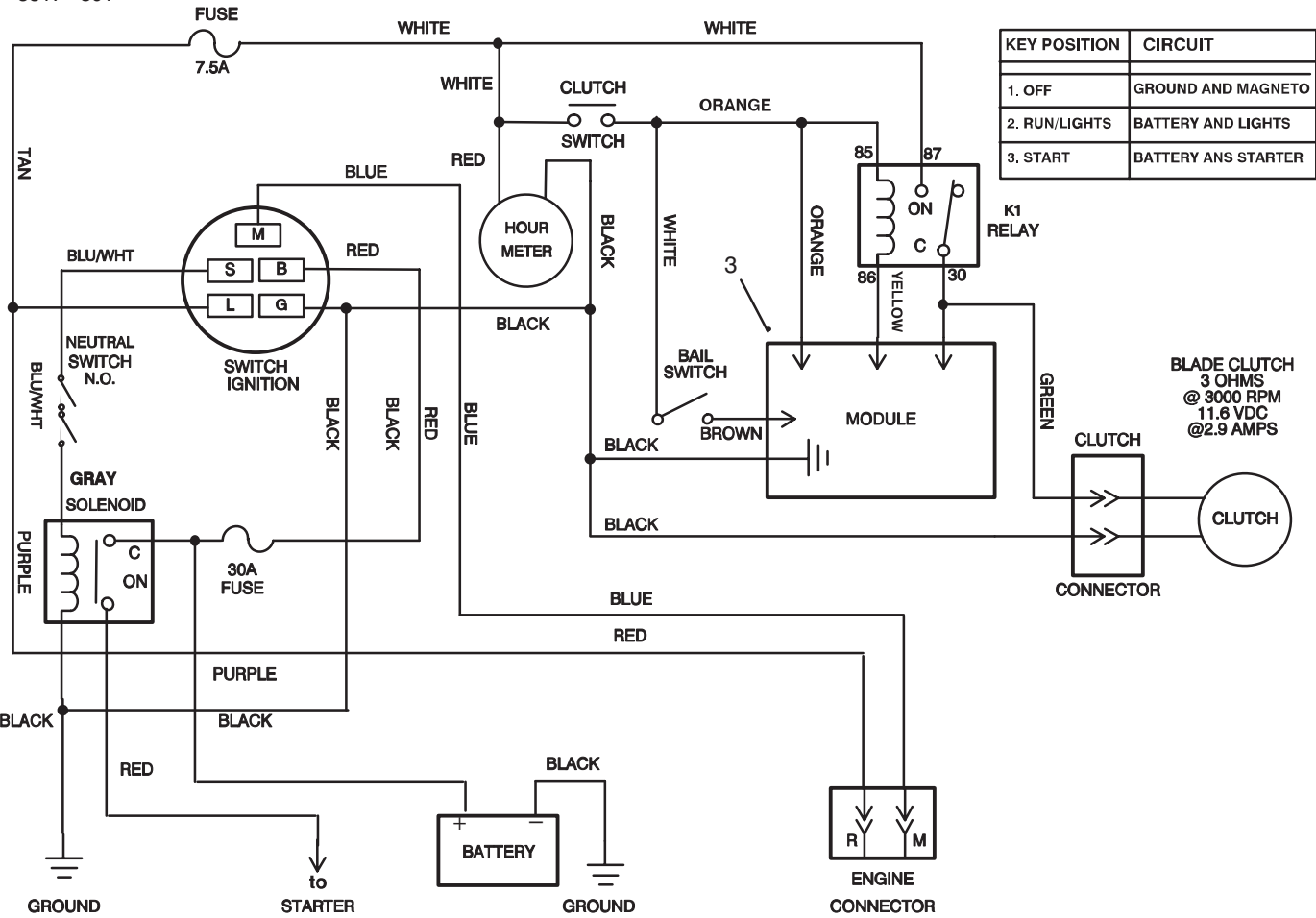
Ref. No.	Part No.	Description	No. Used
30	82-4590	Decal - Caution	1
31	3256-23	Washer - Flat	2
32	74-0521	Fitting - Rod	2
33	283-6	Pin - Clevis	2
34	32151-80	Ring - Push On	2
35	74-0470	Rod - Pivot	1
36	32105-14	Screw - Hex. Hd.	4
37	3290-378	Tie - Cable	2
38	67-6451	Handle - Upper	1
39	93-1188	Wire Harness (Ref.)	1
40	3234-11	Screw - Hex. Hd.	4
41	32128-21	Nut - Lock	4
42	3230-26	Bolt Carriage	1
43	82-3840	Spacer - Latch	1
44	19-4050	Knob - Handle	1
45	32112-18	Retainer - Bolt	1
46	321-3	Screw - Hex. Hd.	2
47	23-0660	Switch - Ignition	1
48	3234-5	Washer - Lock	1
49	218-461	Nut	1
50	63-8360	Key	1
51	82-2181	Panel - Control	1
52	82-7721	Decal - Control Panel	1
53	218-595	Body	1
54	3255-7	Washer - Lock, Ext.	1



T-0875

BATTERY ASSEMBLY

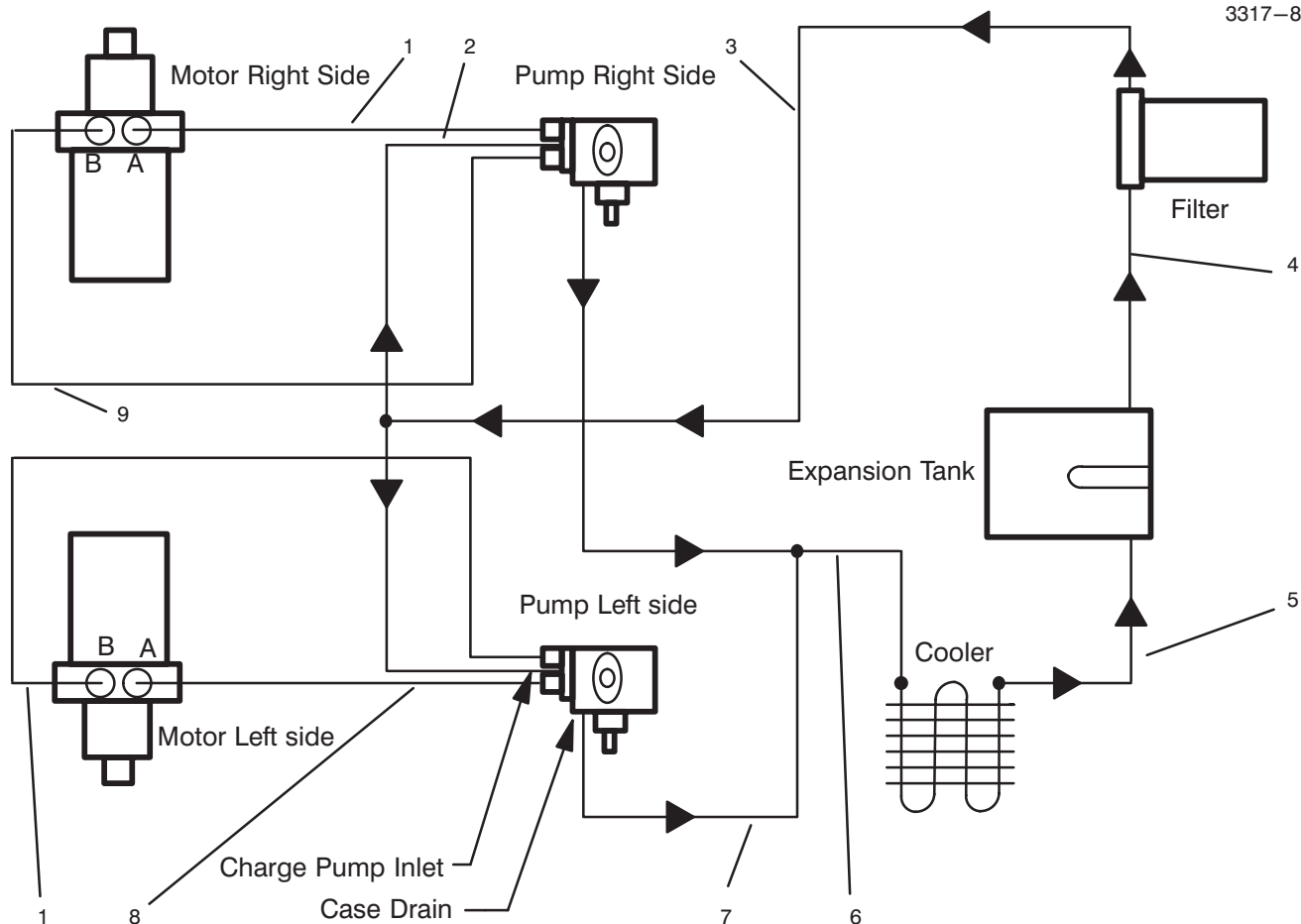
Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	323-9	Screw - Hex. Hd.	2	10	77-0981	Boot - Terminal	1
2	51-4210	Pad - Battery Mount	2	11	3296-42	Nut - Lock	2
3	92-2350	Holder - Battery	2	12	82-4620	Strap - Battery	1
4	3234-32	Screw	6	13	54-3094	Cable - Battery (+)	1
5	82-4640	Battery	1	14	32128-23	Nut	6
6	68-3810	Tube -Vent	1	15	322-3	Screw - Cap Hex. Hd.	2
7	93-1189	Cable - Battery (-)	1	16	84-1830	Cap	1
8	32149-1	Nut	2	17	3296-39	Nut - Lock	2
9	77-0980	Boot - Terminal	1	18	12-5950	Rod - Battery Support	2



ELECTRIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	93-1188	Wire Harness (Ref.)	1
2	63-7590	Relay (Ref.)	1

Ref. No.	Part No.	Description	No. Used
3	86-7910	Interlock Module (Ref.)	1

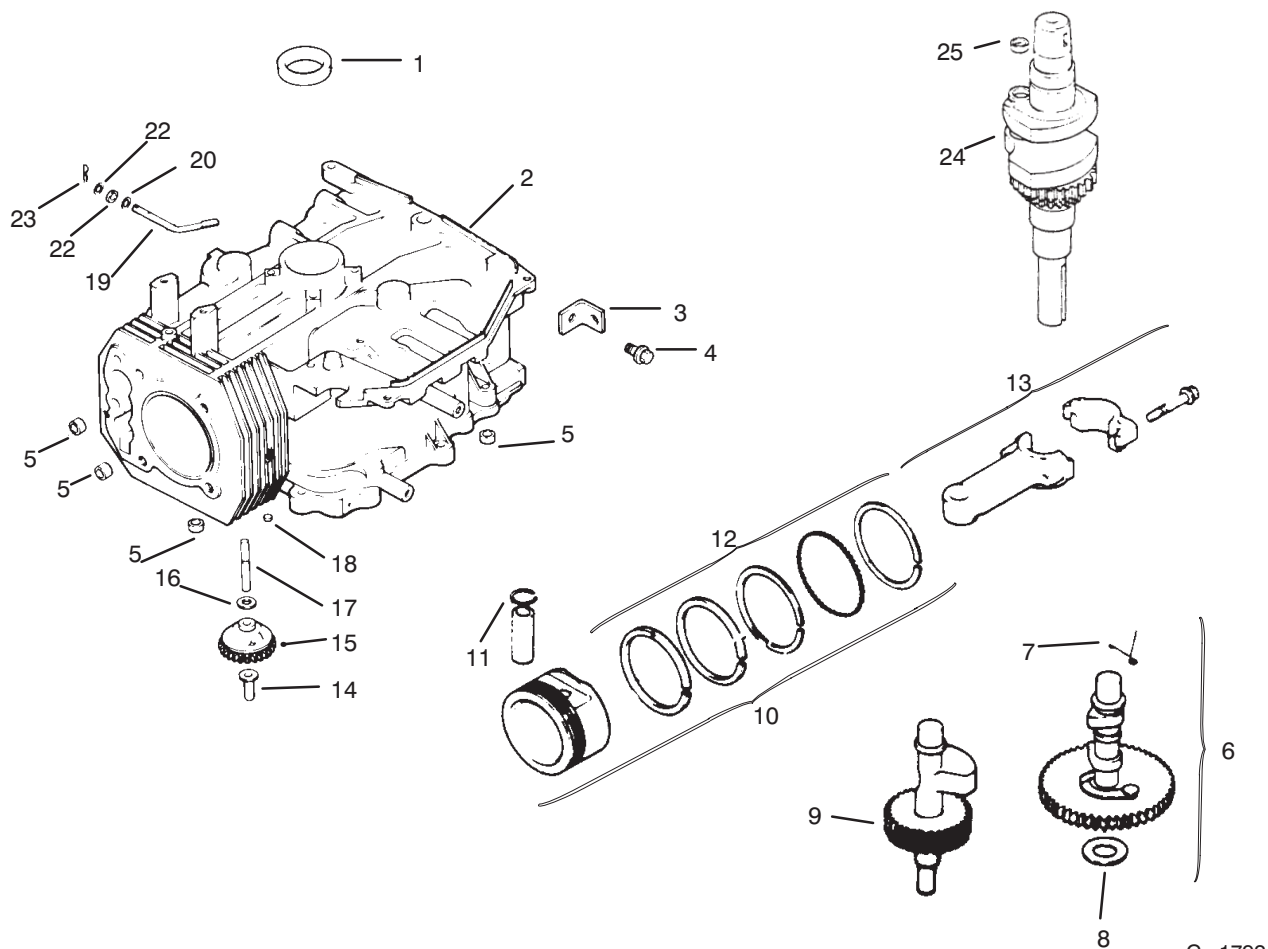


C-0708

HYDRAULIC SCHEMATIC

Ref. No.	Part No.	Description	No. Used
1	82-4550	Hose Assembly	2
2	82-4170	Hose Assembly	1
3	82-4180	Hose Assembly	1
4	82-4200	Hose Assembly	1
5	82-4193	Hose Assembly	1

Ref. No.	Part No.	Description	No. Used
6	82-4192	Hose Assembly	1
7	82-4201	Hose Assembly	1
8	82-4560	Hose Assembly	1
9	82-4540	Hose Assembly	1



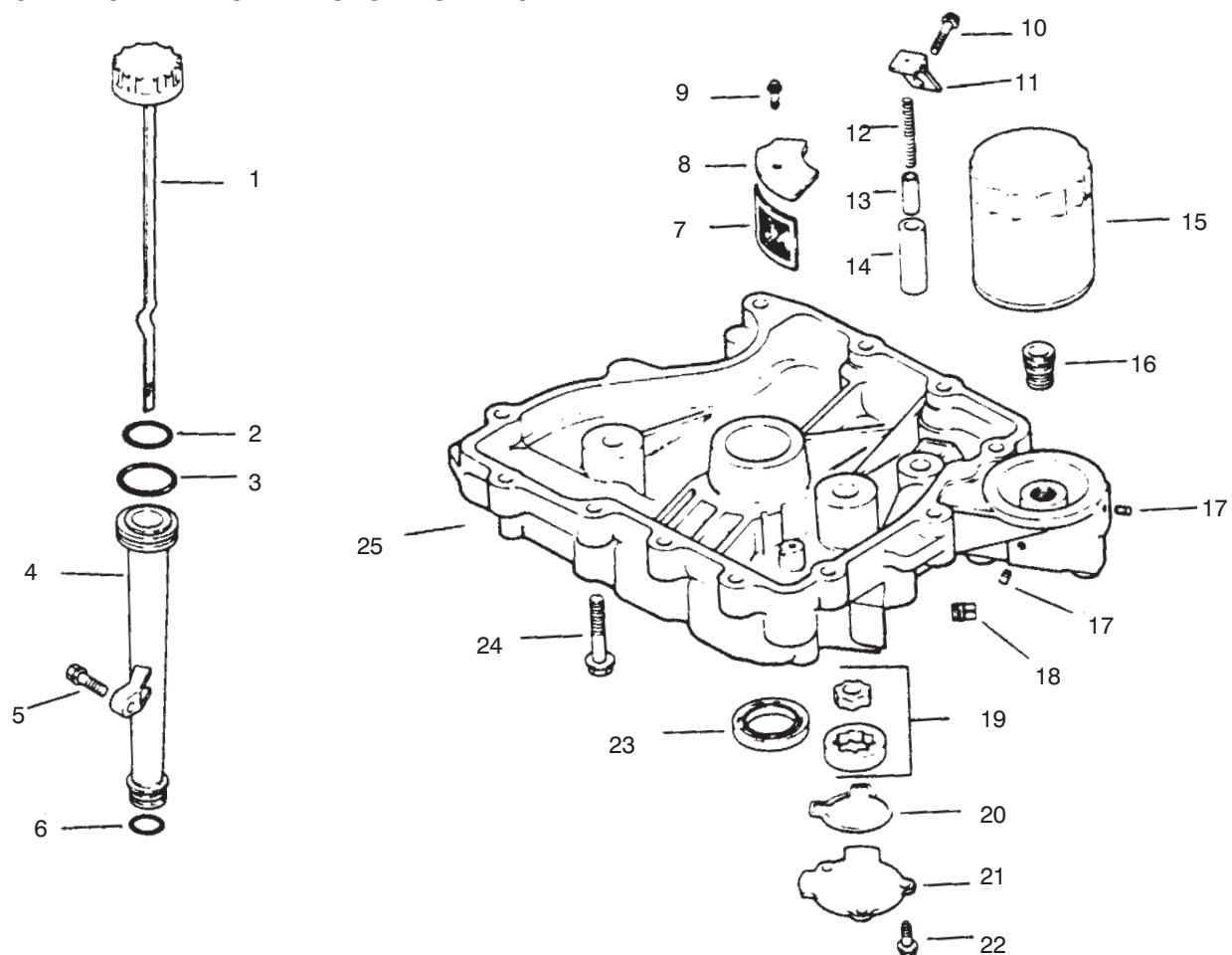
C-1792

CRANKCASE

Ref. No.	Part No.	Description	No. Used
1	12 032 03	Seal — Crankshaft	1
2	12 522 21	Short Block	1
3	12 445 02	Strap — Lifting	1
4	M-0839025	Screw — Lifting Strap	1
5	12 380 03	Dowel — Locating	4
6	12 755 49	Camshaft Assembly	1
7	12 089 18	Spring — Actuating	1
8	12 422 08	Shim — Camshaft	1
*	12 422 09	Shim — Camshaft	A/R
*	12 422 10	Shim — Camshaft	A/R
*	12 422 11	Shim — Camshaft	A/R
*	12 422 12	Shim — Camshaft	A/R
*	12 422 13	Shim — Camshaft	A/R
*	12 422 07	Shim — Camshaft	A/R
9	12 144 19	Shaft — Balance	1
10	12 847 01	Piston W/Ring Set (Std.)	1
*	12 847 02	Piston W/Ring Set (.25)	1
*	12 847 03	Piston W/Ring Set (.50)	1
11	12 018 02	Retainer — Piston Pin	2

Ref. No.	Part No.	Description	No. Used
12	12 108 01	Ring Set (Std.)	1
*	12 108 02	Ring Set (.25)	1
*	12 108 03	Ring Set (.50)	1
13	12 067 05	Connecting Rod (Std.)	1
*	12 067 06	Connecting Rod (.25)	1
14	12 380 01	Pin — Governor Regulating	1
15	12 043 05	Gear — Governor Ass'y	1
16	M-0631005	Washer — Governor Gear	1
17	12 144 02	Shaft — Governor Gear	1
18	52 139 09	Plug — Cap	1
19	12 144 01	Shaft — Governor Cross	1
20	X-25-102	Washer	1
21	12 032 01	Seal — Cross Shaft	1
22	SM-0631015	Washer — Governor Shaft	1
23	12 380 04	Pin — Governor Hitch	1
		Crankshaft Group 1	
24	12 014 29	Crankshaft Assembly	1
25	12 139 01	Plug — Cup	1

*Not Illustrated



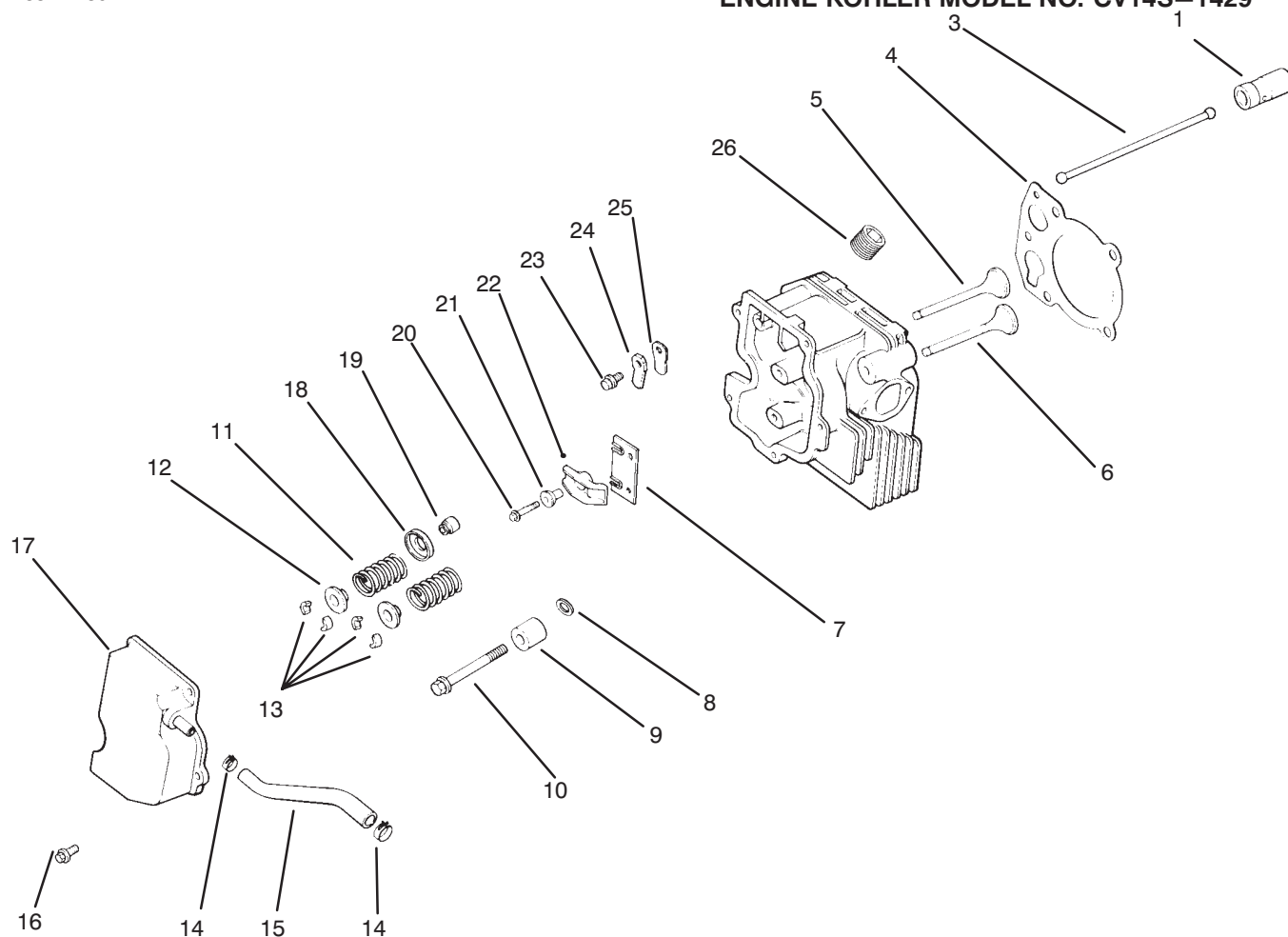
C-1794

OIL PAN / LUBRICATION

Ref. No.	Part No.	Description	No. Used
1	12 038 01	Dipstick Assembly	1
2	12 153 03	"O"Ring - Dipstick	1
3	12 153 02	"O"Ring - Upper Tube	1
4	12 123 04	Tube - Oil Fill	1
5	SM-0545020	Screw - Oil Fill Tube	1
6	12 153 01	"O"Ring - Lower Tube	2
7	25 162 07	Screen - Oil Pick Up	1
8	12 096 03	Cover - Oil Screen	1
9	SM-0545016	Screw	1
10	M-1039025	Screw	1
11	12 126 02	Bracket - Oil Pump	1
12	12 089 03	Spring - Oil Pump	1
13	12 462 01	Piston - Oil Pump	1

Ref. No.	Part No.	Description	No. Used
14	12 208 01	Relief Valve	1
15	52 050 02	Body - Oil Pump	1
16	12 136 01	Relief Valve	1
17	X-75-1	Filter - Oil	1
18	X-75-10	Adapter - Oil Filter	1
19	12 393 01	Plug - 1/8 N.P.T.F.	2
20	12 032 04	Plug - 3/8 N.P.T.F.	2
21	12 393 01	Pump - Oil Assembly	1
22	12 032 04	"O"Ring - Pump Cover	1
23	12 096 02	Cover - Oil Pump	1
24	SM-0545016	Screw	3
25	12 032 03	Seal - Oil (P.T.O.End)	1
*	SM-0839045	Screw - Oil Pan	11
	12 199 21	Pan - Oil	1
	25 755 13	Kit - Oil Fill Cap	1

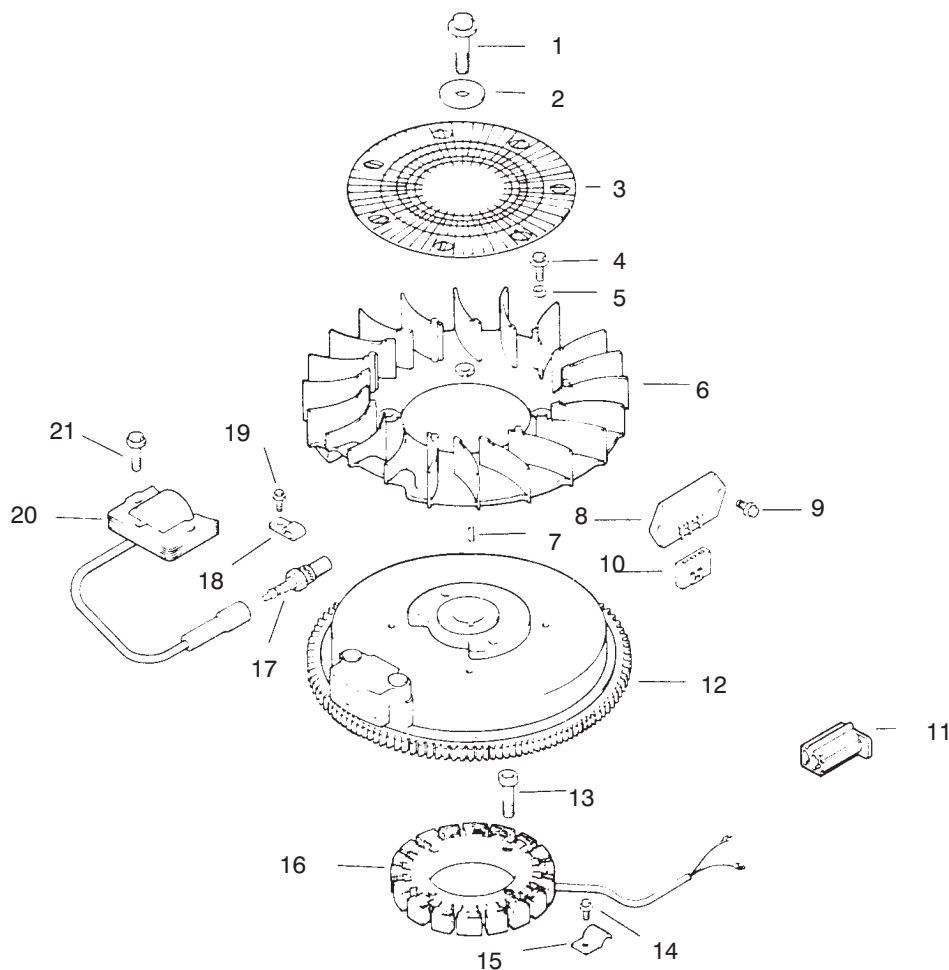
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CYLINDER HEAD, VALVE & BREATHER

Ref. No.	Part No.	Description	No. Used
1	12 351 01	Lifter – Valve	2
3	12 411 01	Rod – Push	2
4	12 041 08	Gasket – Cylinder Head	1
5	12 017 01	Valve – Intake (Std.)	1
*	12 017 02	Valve – Intake (.25)	1
6	12 016 01	Valve – Exhaust (Std)	1
*	12 016 02	Valve – Exhaust (.25)	1
7	12 146 13	Plate – Guide	1
8	12 468 05	Washer – Flat	1
9	12 112 13	Spacer – Head Bolt	1
10	12 086 15	Screw – Cylinder Head	5
11	12 089 01	Spring – Valve	1
12	12 173 01	Cap – Valve Spring	2
13	12 755 03	Kit – Retainer	2
14	X-426-9	Clamp – Hose	2

Ref. No.	Part No.	Description	No. Used
15	12 326 03	Hose – Breather	1
16	M-0645020	Screw – Valve Cover	3
17	12 096 07	Cover – Valve W/Nipple	1
18	235011	Retainer – Spring	2
19	24 032 05	Seal – Valve Stem	1
20	M-0640034	Screw – Rocker Bridge	2
21	24 194 01	Pivot – Rocker Arm	2
22	24 186 03	Arm – Rocker	2
23	M-0545010	Screw – Breather Reed	1
24	12 018 01	Retainer – Breather Reed	1
25	12 402 02	Reed – Breather	1
26	X-75-23	Plug	1
*	12 755 58	Kit – Cylinder Head (Incl. Ref.#3-13, 18-22 & 26)	1

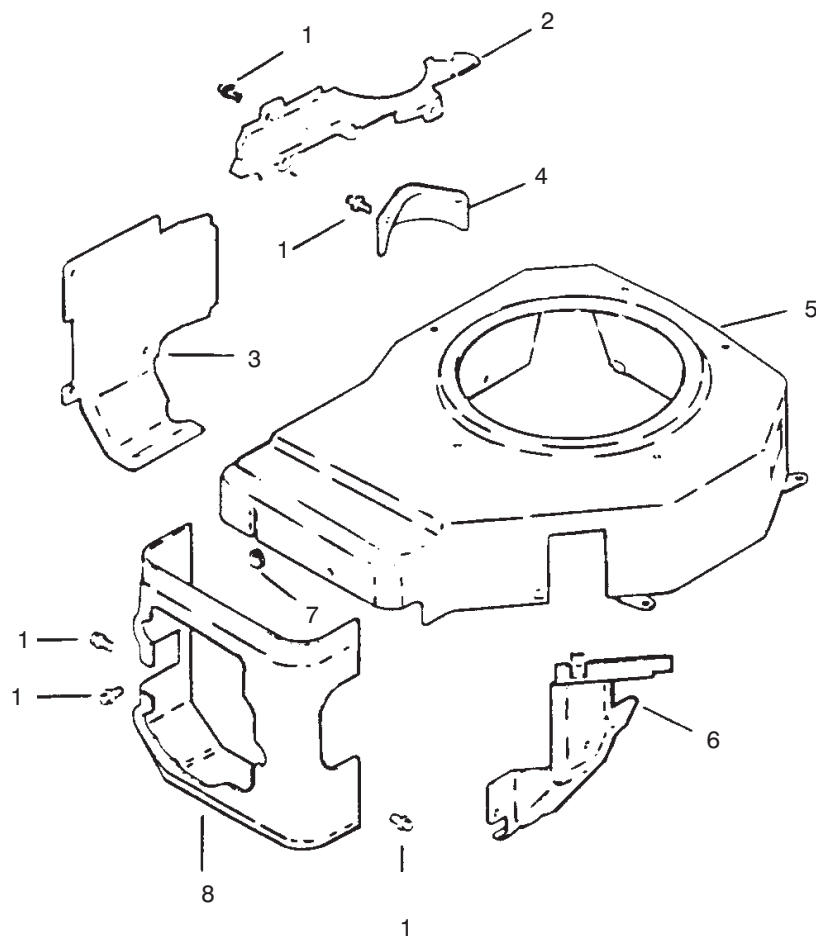


C-1796

IGNITION / ELECTRICAL

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	12 086 14	Screw - Flywheel	1	14	M-0545010	Screw - Stator Harness	1
2	12 486 03	Washer - Flywheel	1	15	12 154 02	Clip - Stator Harness	1
3	12 162 03	Screen - Grass	1	16	24 085 01	Stator - 15 Amp.	1
4	M-0639016	Screw - Fan	4	17	12 132 02	Spark Plug	1
5	12 112 01	Spacer - Fan	4	18	X-728-1	Clip - Kill Lead	1
6	12 157 01	Fan	1	19	M-0545010	Screw - Lead Clip	1
7	X-42-15	Key	1	20	12 584 02	Module - Ignition	1
8	12 403 01	Rectifier - Unregulated	1	21	SM-0545020	Screw - Ignition Module	2
9	M-0639016	Screw - Regulator	2		25 518 05	Lead - Black, Rectifier to Connector (5"-14 Gauge)	1
10	236602	Connector - Regulator	1	*	12 518 01	Lead - White, Ground to Kill (9.5"-18 Gauge)	1
11	41 155 03	Connector	1				
12	12 025 16	Flywheel Assembly	1				
13	M-0548025	Screw - Stator	4				

*Not Illustrated

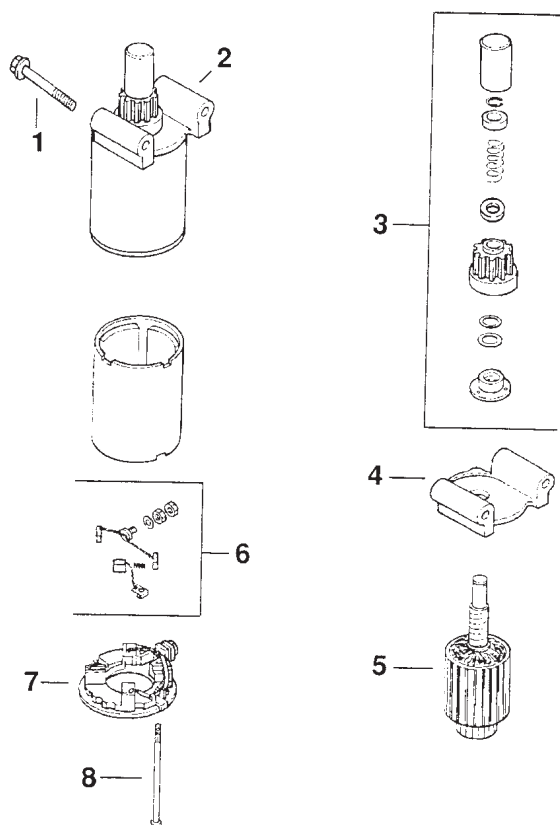


C-1797

BLOWER HOUSING & BAFFLES

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	M-0545010	Screw	15	6	12 063 05	Baffle - Carburetor	1
2	12 146 07	Plate - Blower Housing	1	7	12 313 03	Grommet - Blower Hsg	1
3	12 063 01	Baffle - Cylinder Barrel	1	8	12 063 03	Baffle - Cylinder Head	1
4	12 096 22	Cover - Starter	1	*	12 133 31	Decal - H.P.	1
5	12 027 09	Housing - Blower	1				

*Not Illustrated

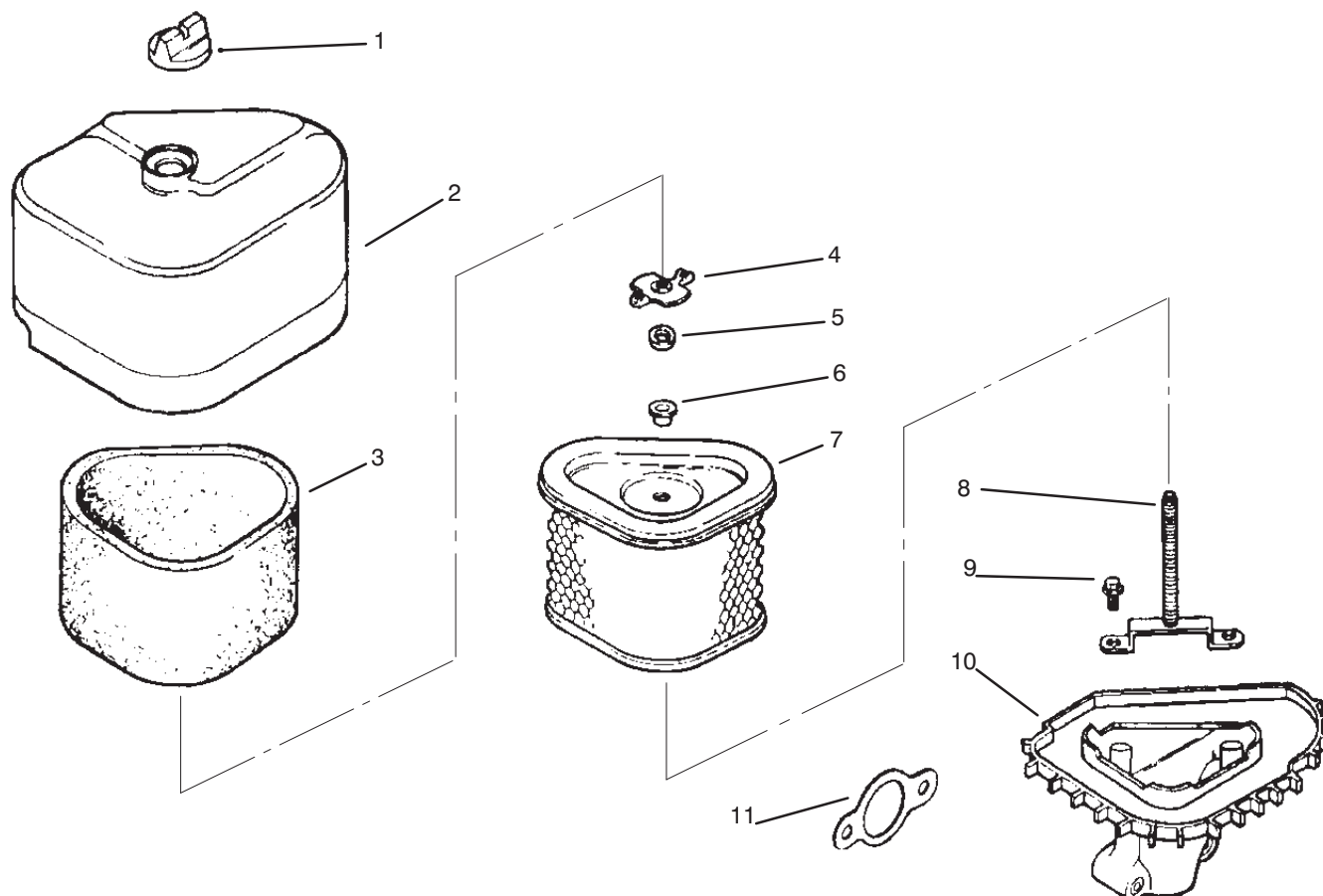


STARTING SYSTEM

Ref. No.	Part No.	Description	No. Used
		Starting System Group 7	
1	M-0839070	Screw	2
2	12 098 12	Starter (Incl. Ref.#3-8)	1
3	12 755 53	Kit - Drive	1
4	12 277 05	Cap - Drive End	1

Ref. No.	Part No.	Description	No. Used
5	12 170 03	Armature	1
6	52 755 28	Kit - Brush	1
7	12 227 10	Cap - Commutator End	1
8	12 086 25	Screw - Flange	1
*	52 357 01	Lubricant	1

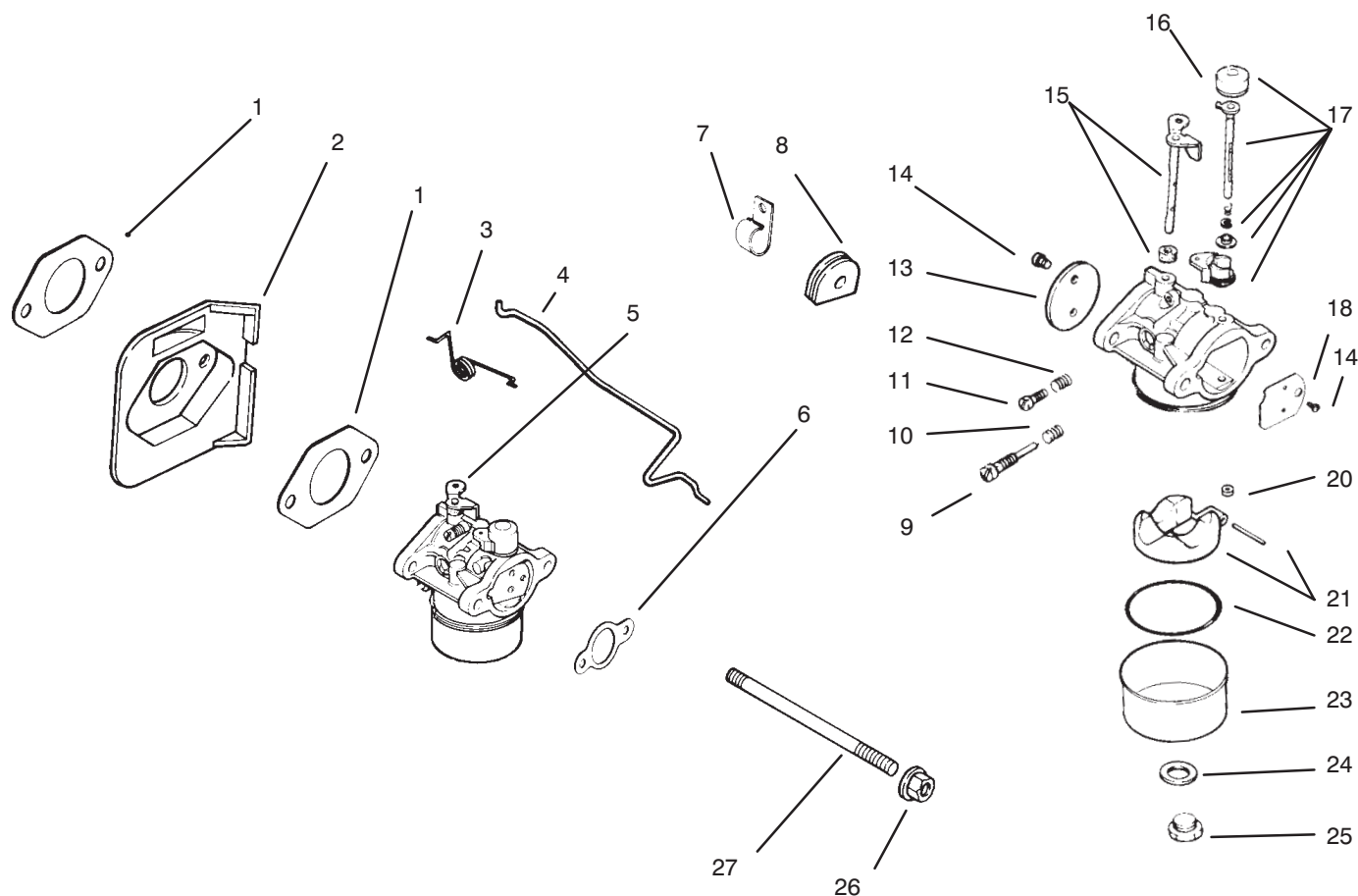
* Not Illustrated.



AIR CLEANER

Ref. No.	Part No.	Description	No. Used
1	25 341 02	Knob - Air Cleaner Cover	1
2	12 096 16	Cover - Air Cleaner	1
3	12 083 12	Precleaner - Element	1
4	12 100 01	Nut - Wing	1
5	X-25-63	Washer - Flat	1
6	12 313 04	Grommet	1
7	12 083 10	Element - Air Cleaner	1

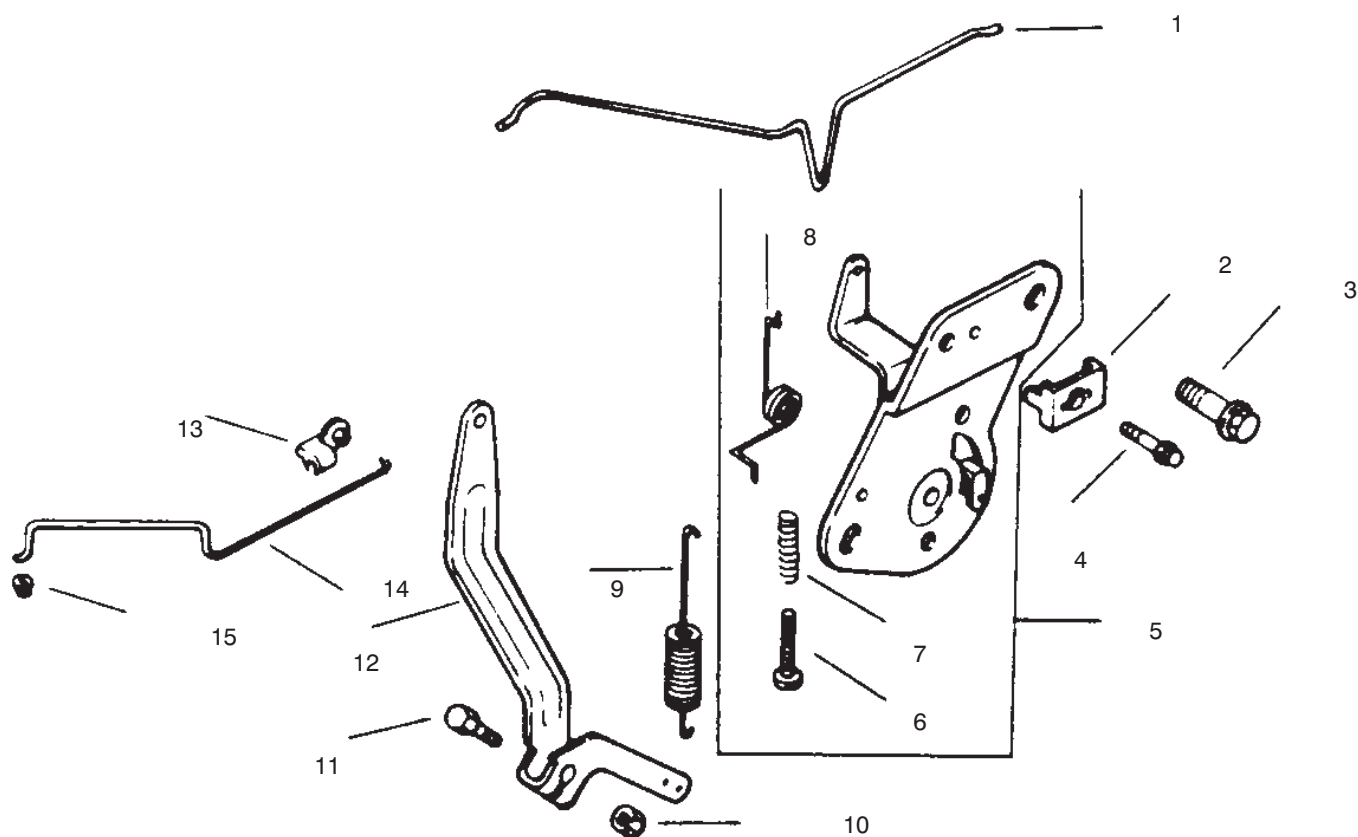
Ref. No.	Part No.	Description	No. Used
8	12 072 04	Stud - Mounting Plate	1
9	12 086 01	Screw - Mounting Plate	1
10	12 094 07	Base - Air Cleaner	1
11	12 041 02	Gasket - Air Cleaner	1
*	12 734 02	Kit - Air Cleaner (Incl. Ref. #1-11)	1
*	12 113 04	Decal - Air Cleaner	1



CARBURETOR

Ref. No.	Part No.	Description	No. Used
1	12 041 01	Gasket — Carburetor	1
2	12 265 01	Deflector — Heat	1
3	12 089 23	Spring — Choke Return	1
4	12 079 07	Linkage — Choke	1
5	12 053 47	Carburetor Assembly (Incl Ref. #9-25)	1
6	12 041 02	Gasket — Air Cleaner	1
7	47 154 01	Clamp — Fuel Line	1
8	12 313 01	Grommet	1
9	12 368 05	Needle — Idle	1
10	12 089 09	Spring — Idle	1
11	12 086 04	Screw — Idle	1
12	12 089 09	Spring — Idle	1
13	12 146 03	Plate — Throttle	1
14	25 086 27	Screw — Throttle Plate	2
15	12 144 09	Shaft Assembly—Throttle	1

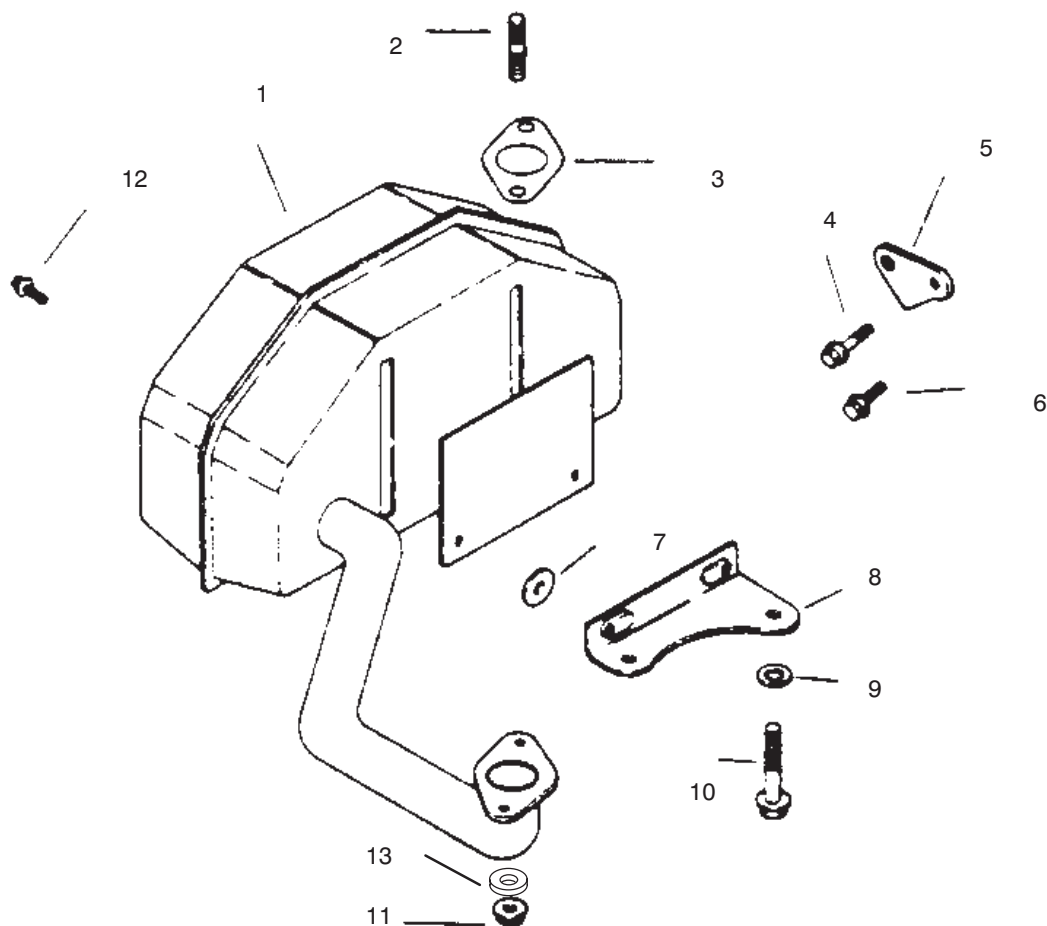
Ref. No.	Part No.	Description	No. Used
16	12 173 06	Cap — Choke Lever	1
17	12 757 08	Kit — Choke Repair (Incl. Ref.#16)	1
18	12 146 12	Plate — Choke	1
20	12 337 03	Jet — Main	1
21	12 757 02	Kit — Float	1
22	12 041 05	Gasket — Bowl	1
23	12 104 01	Bowl — Fuel	1
24	12 041 06	Gasket — Bowl	1
25	12 086 05	Screw — Bowl	1
26	M-0641060	Nut — Carburetor	2
27	M-0629122	Stud — Carburetor	2
*	12 757 03	Kit — Carburetor Repair	1
*	12 853 47	Kit — Carburetor (Incl Ref. #2-6)	1



ENGINE CONTROLS

Ref. No.	Part No.	Description	No. Used
1	12 079 07	Linkage – Choke	1
2	12 237 01	Clamp – Cable	1
3	M-0645016	Screw – Hex. Hd.	2
4	SM-0545016	Screw – Cable Clamp	1
5	12 536 01	Control – Speed (incl Ref.#6-8)	1
6	SM-0443025	Screw	1
7	12 089 11	Spring	1

Ref. No.	Part No.	Description	No. Used
8	12 089 23	Spring – Choke	1
9	12 089 19	Spring – Governor	1
10	M-0641060	Nut – Governor	1
11	SM-0642025	Screw – Governor	1
12	12 090 05	Lever – Governor	1
13	25 158 11	Bushing – Black Retainer	1
14	12 079 01	Linkage – Throttle	1
15	25 158 08	Bushing – Natural,Linkage	1



EXHAUST

Ref. No.	Part No.	Description	No. Used
1	12 068 03	Muffler	1
2	M-0829033	Stud - Exhaust Manifold	2
3	12 041 03	Gasket - Exhaust	1
4	M-0645025	Screw - Lifting Strap	1
5	12 445 06	Strap - Lifting	1
6	M-0645020	Screw	1
7	X-25-52	Washer	2
8	12 126 39	Bracket - Muffler	1

Ref. No.	Part No.	Description	No. Used
9	12 468 01	Washer - Flat	1
10	12 086 13	Screw - Oil Pan	1
11	M-0841080	Nut - Muffler	2
12	M-0650012	Screw - Muffler	2
13	3253-4	Washer	2
*	12 755 01	Gasket Set	1
	12 755 30	Kit - Bracket	1

TORO PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
112843	Washer — PTO	2 47 1	82-2300	Switch — Clutch	8 7 1
608006	Key	2 52 1	82-2610	Decal — Control Bar	8 21 1
12-5950	Rod — Battery Support	9 18 2	82-3790	Arm — Pump Control	4 14 2
19-4050	Knob — Handle	8 44 1	82-3820	Boot — Switch	8 6 1
23-0660	Switch — Ignition	8 47 1	82-3830	Hub — Wheel	6 44 2
27-6230	Bolt — Wheel	2 42 1	82-3840	Spacer — Latch	8 43 1
28-3891	Wire Assembly — Starter	2 55 1	82-3900	Frame	1 1 1
29-0590	Screen — Filler	6 22 1	82-3910	Reservoir — Oil	6 23 1
29-0642	Trim	1 18 1	82-3920	Stop — Reverse	4 28 2
44-5940	Pulley — Clutch	2 51 1	82-3940	Pivot Control Assembly	8 28 1
44-8310	Ring — Retaining	3 3 2	82-4070	Bracket Assembly R.H.	4 * 1
44-8320	Spring	3 10 3	82-4090	Bracket Assembly L.H.	4 29 1
44-8330	Spacer — Pulley Bearing	3 6 1	82-4110	VBelt	6 49 1
44-8340	Collar — Bearing	3 7 1	82-4120	Rod	4 48 2
44-8360	Field Coil, Rotor & Bearing	3 4 1	82-4130	Bearing Assembly	4 6 4
47-2964	Hose — Fuel	1 5 1	82-4140	Bracket — Filter	6 30 1
47-2982	Hose — Fuel	1 2 1	82-4160	Spring	4 38 2
51-4210	Pad — Battery Mount	9 2 2	82-4170	Hose — Hydra.	6 17 1
51-4540	Retainer — Clutch	2 44 1	82-4170	Hose Assembly	11 2 1
54-0100	Head Assembly — Filter	6 32 1	82-4180	Hose — Hydra.	6 16 1
54-0230	Field Ass'y	3 1 1	82-4180	Hose Assembly	11 3 1
54-3094	Cable — Battery (+)	9 13 1	82-4192	Hose — Hydra.	6 9 1
54-3200	Clutch Assembly	2 50 1	82-4192	Hose — Hydra.	1 22 1
55-3570	Cap — Fuel Tank	1 30 1	82-4192	Hose Assembly	11 6 1
55-7410	Armature & Pulley Assembly	3 5 1	82-4193	Hose — Hydra.	1 21 1
56-6360	Filter — Fuel	1 3 1	82-4193	Hose — Hydra.	6 27 1
57-6360	Screw — Hex. Hd.	2 49 1	82-4193	Hose Assembly	11 5 1
57-6380	Screw	2 43 4	82-4200	Hose — Hydra.	6 20 1
62-4540	Pulley — Idler	2 38 1	82-4200	Hose Assembly	11 4 1
63-7590	Relay	8 16 1	82-4201	Hose — Hydra.	6 7 1
63-7590	Relay (Ref.)	10 2 1	82-4201	Hose Assembly	11 7 1
63-8360	Key	8 50 1	82-4210	Bracket — Bushing	4 8 1
63-8440	Decal — Hot	1 10 1	82-4220	Cooler — Oil	1 12 1
65-3090	Decal — Instructions	8 9 1	82-4230	Arm — Follower	4 16 2
65-7410	Switch Assembly	4 3 2	82-4240	Spacer	4 25 2
67-6451	Handle — Upper	8 38 1	82-4270	Lever Assembly — L.H.	4 20 1
67-8110	Filter — Oil	6 36 1	82-4290	Lever Assembly R.H.	4 9 1
68-2190	Spring	2 41 1	82-4300	Handle Assembly	8 29 1
68-3810	Tube — Vent	9 6 1	82-4330	Detent Arm Assembly L.H.	4 22 1
71-1280	Decal — Danger	8 5 1	82-4340	Detent Arm Assembly R.H.	4 * 1
74-0470	Rod — Pivot	8 35 1	82-4370	Bushing	4 23 2
74-0490	Decal — Fuel Line Shut Off	1 15 1	82-4380	Pulley — Pump	6 50 2
74-0510	Valve — Fuel Shut Off	1 26 1	82-4500	Mount — Cooler	1 14 1
74-0521	Fitting — Rod	8 32 2	82-4540	Hose — Hydra.	6 5 2
74-0630	Control — Throttle	8 8 1	82-4540	Hose Assembly	11 9 1
74-0720	Tube — Manual	8 13 1	82-4550	Hose — Hydra.	6 6 1
74-0930	Guard — Pulley	2 53 1	82-4550	Hose Assembly	11 1 2
74-0950	Elbow — Pipe	1 8 2	82-4560	Hose — Hydra.	6 12 1
75-6820	Meter — Hour	8 1 1	82-4560	Hose Assembly	11 8 1
76-0200	Cap Assembly — Oil	6 21 1	82-4570	Plate — Switch	4 4 2
77-0980	Boot — Terminal	9 9 1	82-4580	Bracket — Neutral	4 1 2
77-0981	Boot — Terminal	9 10 1	82-4590	Decal — Caution	8 30 1
80-0650	Spacer	4 36 2	82-4600	Decal — Hydro Drive	4 32 2
80-6090	Key	6 51 2	82-4620	Strap — Battery	9 12 1
80-6110	Charge Relief Valve Kit	5 * 1	82-4640	Battery	9 5 1
80-6120	Check Valve Kit	5 1 1	82-7631	Rod — Control	8 24 2
80-6130	Overhaul Seal Kit	5 * 1	82-7680	Bail Assembly	8 20 1
82-2181	Panel — Control	8 51 1	82-7690	Control Bar Assembly	8 23 1
82-2190	Switch — Bail	8 19 1	82-7721	Decal — Control Panel	8 52 1

*Not Illustrated

TORO PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
82-8220	Pump Assembly — Hydraulic	4 11 2	321-8	Screw — Hex. Hd.	4 34 2
82-8230	Motor — Wheel	6 37 2	321-39	Screw — Hex. Hd.	1 16 6
82-8440	Tank — Fuel	1 28 1	322-3	Screw	6 31 2
84-1830	Cap	9 16 1	322-3	Screw — Hex. Hd.	9 15 2
85-7310	Nut	7 26 1	322-3	Screw — Hex. Hd.	1 24 4
85-7310	Nut	6 39 2	322-5	Screw — Hex. Hd.	4 7 2
85-7320	Kit — Seal	7 * 1	322-5	Screw — Hex. Hd.	4 18 4
86-4730	Plate — Frame	6 54 2	322-7	Screw — Hex. Hd.	4 13 4
86-4740	Spacer	6 53 2	322-14	Screw — Hex. Hd.	4 30 2
86-4750	Bracket — Stop	4 52 2	323-6	Screw — Hex. Hd.	4 33 6
86-4760	Spring	4 39 4	323-9	Screw — Hex. Hd.	9 1 2
86-4770	Idler Assembly	2 40 1	323-9	Screw — Hex. Hd.	2 54 1
86-7910	Interlock Module (Ref.)	10 3 1	324-5	Screw — Hex. Hd.	4 44 4
86-7910	Module	8 14 1	325-11	Screw	6 46 8
88-1880	Spring — Compression	2 58 1	3213-8	Screw — Hex. Hd.	6 45 8
92-2350	Holder — Battery	9 3 2	3230-26	Bolt Carriage	8 42 1
92-9845	Solenoid	2 36 1	3234-5	Washer — Lock	8 48 1
93-1187	Panel — Bottom	8 17 1	3234-11	Screw — Hex. Hd.	8 40 4
93-1188	Wire Harness (Ref.)	10 1 1	3234-32	Screw	9 4 2
93-1188	Wire Harness (Ref.)	8 39 1	3241-5	Screw — Set	6 48 4
93-1189	Cable — Battery (—)	9 7 1	3253-3	Washer — Lock	6 29 2
93-1371	Pivot Assembly L.H.	4 40 1	3253-4	Screw	6 11 3
93-1372	Pivot Assembly R.H.	4 * 1	3253-4	Washer — Lock	6 10 3
218-461	Nut	8 49 1	3253-4	Washer — Lock	1 25 6
218-595	Body	8 53 1	3255-7	Washer — Lock, Ext.	8 54 1
231-117	Tire	6 40 2	3256-1	Washer	4 15 4
232-27	Valve stem	6 * 2	3256-1	Washer — Flat	1 17 6
237-7	"O"Ring	1 27 1	3256-23	Washer	6 52 1
237-30	"O"Ring	6 4A/R	3256-23	Washer — Flat	4 17 4
237-42	"O"Ring	6 14A/R	3256-23	Washer — Flat	8 31 2
237-78	"O"Ring	6 35A/R	3257-8	Key — Woodruff	6 38 2
237-79	"O"Ring	6 24A/R	3274-32	Screw — Hex. Hd.	4 27 2
237-80	"O"Ring	6 2A/R	3290-307	Pin — Cotter	8 26 4
237-124	Grommet	4 43 1	3290-378	Tie — Cable	4 2 3
237-141	Grommet	8 22 2	3290-378	Tie — Cable	8 37 2
240-9	Grommet	1 19 2	3290-418	Pushnut	4 51 4
242-50	Nut — Lug	6 42 8	3296-2	Nut	8 18 1
242-87	Wheel	6 41 2	3296-2	Nut — Lock	8 10 4
2410-71	Cap — Plug	2 57 2	3296-5	Nut — Lock	3 9 3
2411-34	Joint — Ball	4 19 4	3296-6	Nut — Lock	1 23 1
2412-98	Clamp — Fuel Line	1 4 4	3296-13	Nut — Lock	4 10 4
2412-106	"R"Clamp	4 50 1	3296-23	Nut	6 1 8
2412-106	"R"Clamp	2 56 1	3296-29	Nut	6 25 2
2412-120	"R"Clamp	8 12 2	3296-29	Nut — Lock	4 42 12
2412-134	"R"Clamp	1 13 1	3296-39	Nut	4 24 6
2412-136	Clamp — Hose	1 20 2	3296-39	Nut	2 37 1
251-259	Bearing — Ball	4 26 2	3296-39	Nut — Lock	9 17 2
251-291	Bearing — Pulley	3 8 1	3296-42	Nut — Lock	1 11 2
251-292	Bearing — Field	3 2 1	3296-42	Nut — Lock	9 11 2
256-156	Bushing	2 39 2	3296-42	Nut — Lock	8 15 2
257-5	Washer — Thrust	4 41 2	3296-42	Nut — Lock	4 46 8
283-6	Pin — Clevis	8 33 2	3296-47	Nut — Lock	4 21 2
288-4	Cap — Pipe	1 7 1	32105-1	Screw — Hex. Hd.	8 25 1
289-51	Nipple — Pipe	1 9 1	32105-14	Screw — Hex. Hd.	8 36 4
2815-15	Fitting — Hydra.	6 8 1	32112-11	Nut — Push On	4 35 8
2815-16	Fitting — Hydra.	6 18 1	32112-17	Nut — Push On	6 43 8
321-3	Screw	6 28 2	32112-18	Retainer — Bolt	8 45 1
321-3	Screw — Hex. Hd.	4 31 8	32121-4	Pin — Roll	4 47 2
321-3	Screw — Hex. Hd.	8 46 2	32128-10	Nut — Lock	4 37 2

*Not Illustrated

TORO PART NUMBER INDEX (Continued)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
32128-21	Nut — Lock	8 41 4	32149-1	Nut	9 8 2
32128-23	Nut	9 14 6	32149-2	Nut — Keps	1 33 2
32128-42	Nut — Lock	4 12 4	32149-8	Nut — Keps	2 34 1
32144-1	Screw — Hex. Hd.	4 5 4	32151-80	Ring — Push On	8 34 2
32144-3	Screw — Hex. Hd.	4 45 4	340-4	Fitting Hydra.	6 19 4
32144-4	Screw	2 35 2	340-6	Fitting — Hydra.	6 3 4
32144-4	Screw	4 49 1	354-115	Fitting — Hydra.	6 13 2
32144-18	Screw — Hex. Hd.	8 2 2	354-116	Fitting — Hydra.	6 15 2
32144-19	Screw	8 11 4	354-117	Fitting — Hydra.	6 34 2
32144-19	Screw	2 59 1	354-118	Fitting — Hydra.	6 26 2

IDENTIFICATION AND ORDERING

MODEL AND SERIAL NUMBERS

The ProLine Mid Size 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. In any correspondence concerning the ProLine Mid Size, 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 ProLine Mid Size.
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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Hydraulic Pump & Linkage Assembly	4	Cylinder head, Valve & Breather	14
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Optional Equipment

Description	Model / Part No.	Description	Model / Part No.
36" Cutting Unit	Model No. 30136	37" Deck (Cloth Bag) Bag Kit	Model No. 30129
37" Recycler Deck	Model No. 30137	37" Deck (Steel Hopper) Bag Kit	Model No. 30130
44" Cutting Unit	Model No. 30144	44"/52" Deck Bag Kit	Model No. 30128
48" Recycler Deck	Model No. 30148	2"-5" HOC Kit	Part No. 84-5010
52" Cutting Unit	Model No. 30152	Front Weight Kit-36"/37" Deck	Part No. 80-3350
62" Cutting Unit	Model No. 30162	Standard Sulky	Model No. 30122
36" Deck Bag Kit	Model No. 30125	Steerable Sulky	Model No. 30123