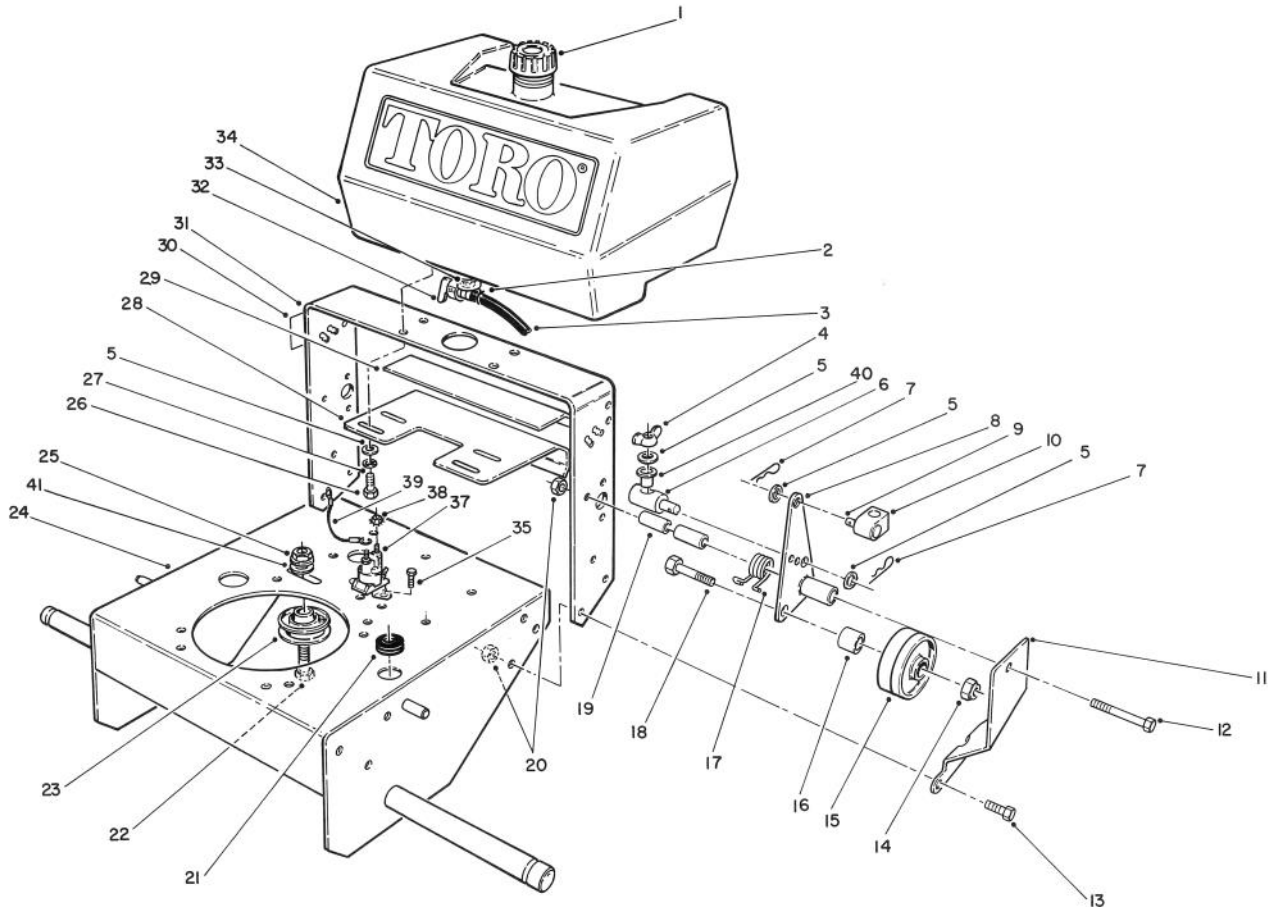




MODEL NO. 30180-390001 & UP

**PARTS
CATALOG**
**PROLINE 180 MIDSIZE
Traction Unit**


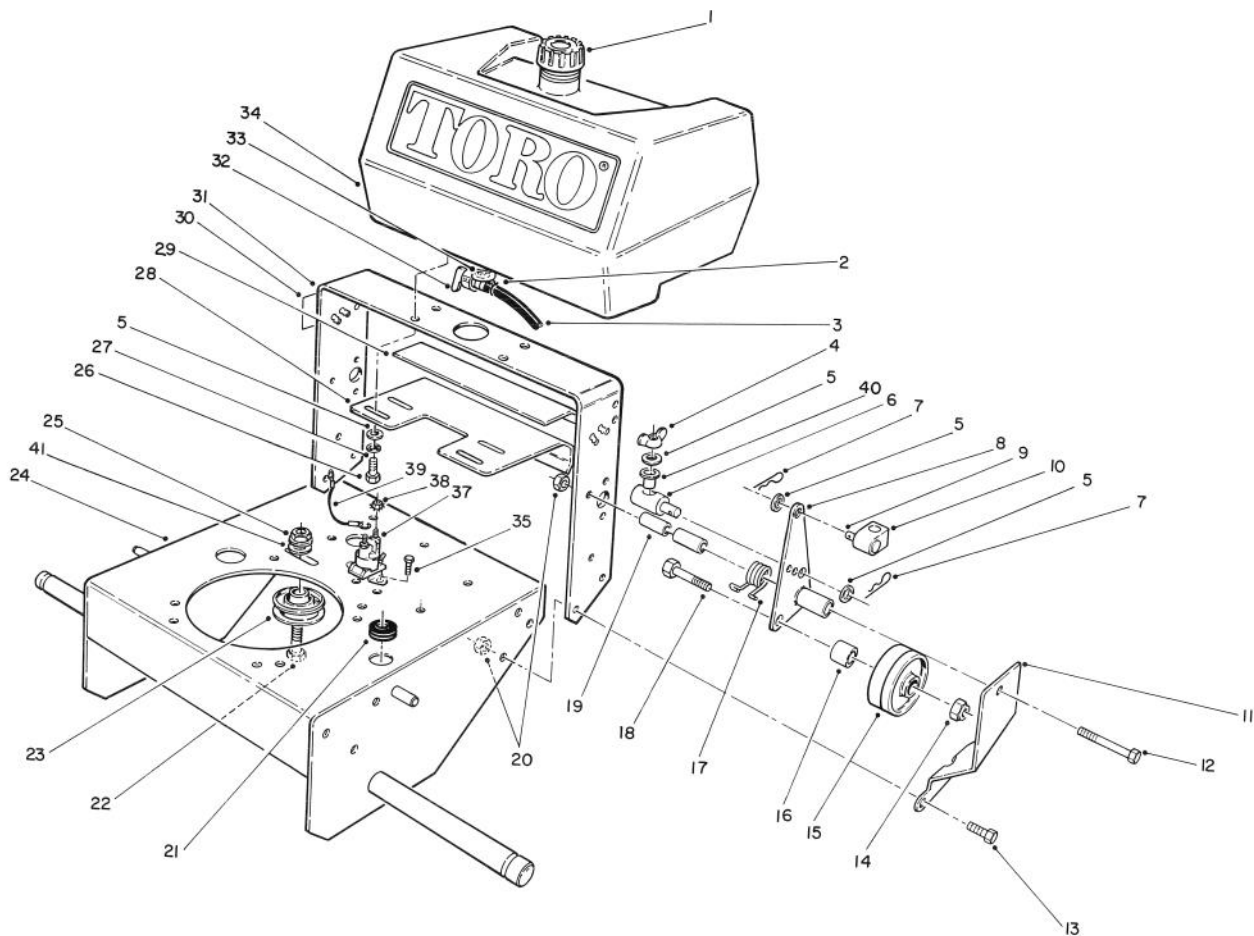
C-0508

FRAME ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	55-3570	Cap - Fuel Tank	1
2	2412-98	Clamp - Fuel line	1
3	47-2982	Hose - Fuel	1
4	32103-25	Nut - Wing	2
5	3256-23	Washer - Flat	9
6	68-9690	Fitting - Rod	2
7	3290-307	Pin - Cotter	4
8	74-0220	Idler - Bracket L.H.	1
*	74-0230	Idler - Bracket R.H.	1
9	283-6	Pin - Clevis	2
10	74-0521	Fitting - Rod	2
11	67-6380	Bracket - Support L.H.	1
*	67-6370	Bracket - Support R.H.	1
12	323-16	Screw - Hex. Hd. Cap	2
13	323-6	Screw - Hex. Hd. Cap	6
14	3296-23	Nut - Lock	2
15	51-4480	Idler - Wheel	2
16	51-4490	Spacer - Idler Wheel	2

Ref. No.	Part No.	Description	No. Used
17	51-4380	Spring - Torsion L.H.	1
*	51-4370	Spring - Torsion R.H.	1
18	51-4450	Screw - Leveler	2
19	74-0040	Spacer - Pivot Idler	4
20	3296-39	Nut - Lock	6
21	237-124	Grommet	1
22	323-9	Screw - Hex. Hd. Cap	1
23	51-4810	Pulley - Idler	1
24	74-0280	Frame	1
25	32128-21	Nut - Hex. Flange	1
26	322-4	Screw - Hex. Hd. Cap	4
27	3253-4	Washer - Lock	4
28	66-7400	Plate - Control	1
29	82-7750	Decal - Ground Speed	1
30	74-0490	Decal - Fuel Shut Off	1
31	74-0360	Frame - Rear	1
32	74-0510	Valve - Fuel	1
33	237-7	"O"Ring	1

*Not Illustrated



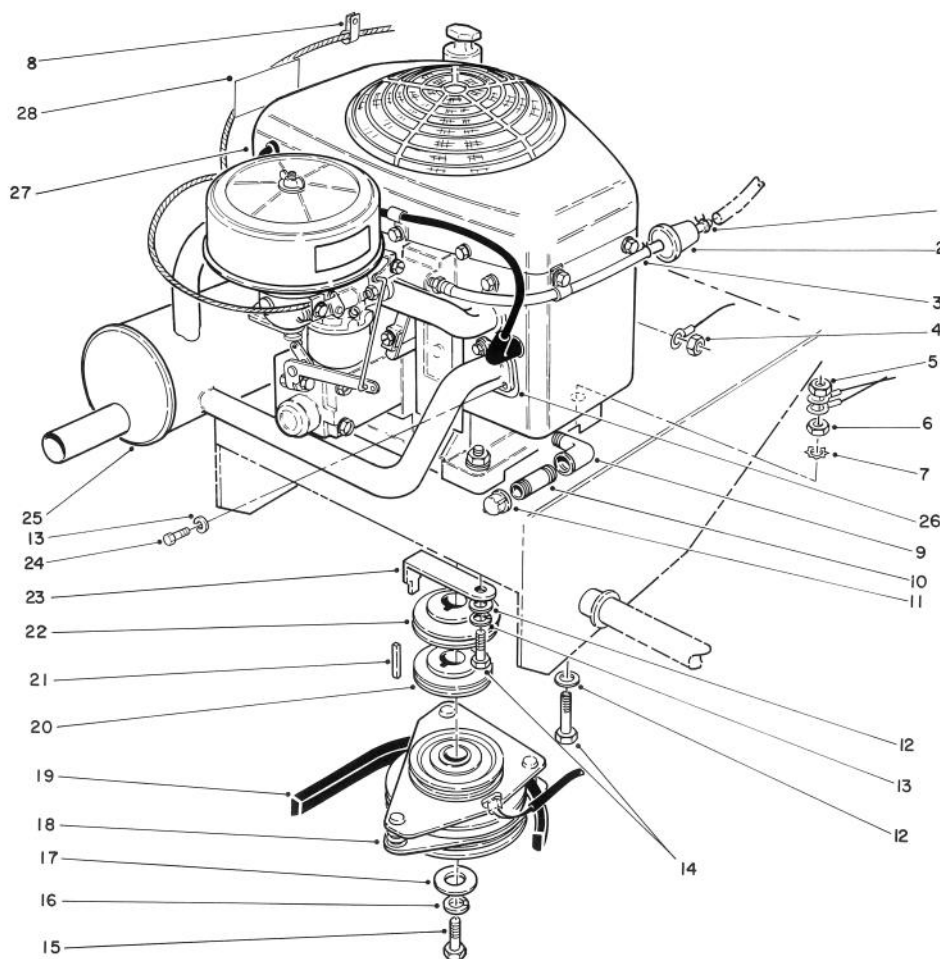
C-0508

FRAME ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
34	82-8440	Tank - Fuel	1
35	12-3270	Screw - Hex. Hd. Cap	2
37	47-1910	Solenoid - Starter	1
38	32149-2	Nut - Lock	2

Ref. No.	Part No.	Description	No. Used
39	28-3891	Wire Assembly	1
40	52-2890	Bushing	2
41	3256-24	Washer	1
*	71-3040	Replacement Axle Kit	1

*Not Illustrated

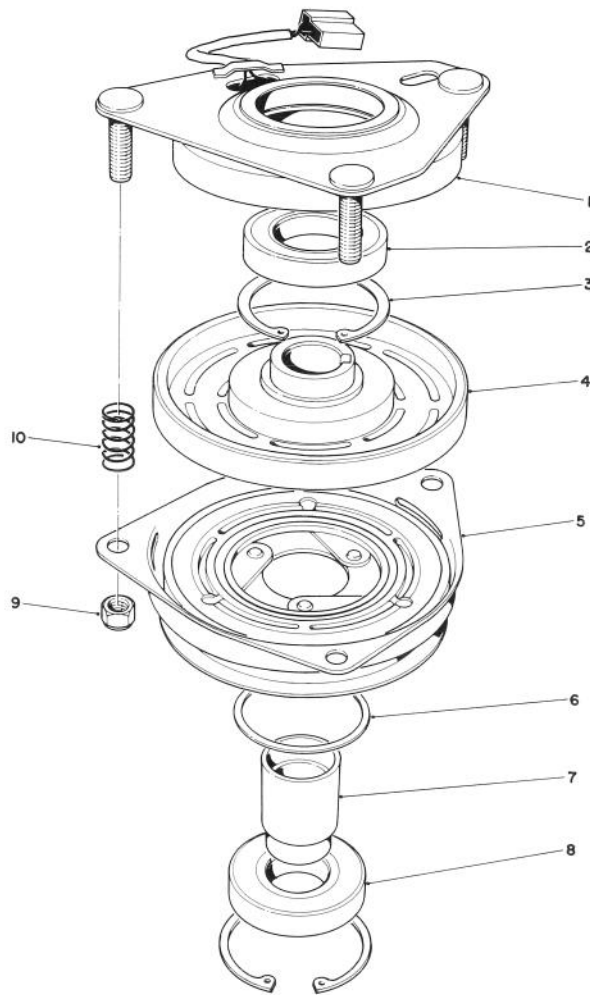


C-0509

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	2412-98	Clamp - Fuel Line	2	17	44-8160	Washer - Clutch	1
2		Fuel-Filter	1	18	54-3200	Clutch Brake Assembly	1
3	47-2982	Hose-Gas	1	19	54-2750	V-Belt - Deck Drive (36" & 44" Cutting Units)	1
4	32149-2	Nut - Lock	1	*	55-7660	V-Belt - Deck Drive (52" Cutting Unit)	1
5	32149-1	Nut - Lock	1	20	74-0050	Sheave - Lower Half	1
6	32152-1	Nut - Lock	4	21	5-1336	Key	1
7	3255-8	Washer - External Tooth	1	22	74-0060	Sheave - Upper Half	1
8	2412-73	R-Clamp	1	23	51-4540	Retainer - Clutch	1
9	2811-10	Elbow - 90° Street	1	24	3274-10	Screw - Socket Hd. Cap	4
10	289-48	Pipe Nipple	1	25	68-2050	Muffler	1
11	288-4	Pipe Cap	1	26	68-3240	Gasket - Muffler	2
12	3256-23	Washer - Plain	6	27		Engine (Incl. Ref. #2 & 3)	1
13	3253-4	Washer - Lock	5	28	63-8440	Decal - Hot	1
14	322-9	Screw - Hex. Hd. Cap	4				
15	3212-24	Screw - Hex. Hd. Cap	1				
16	3253-22	Washer - Lock	1				

*Not Illustrated

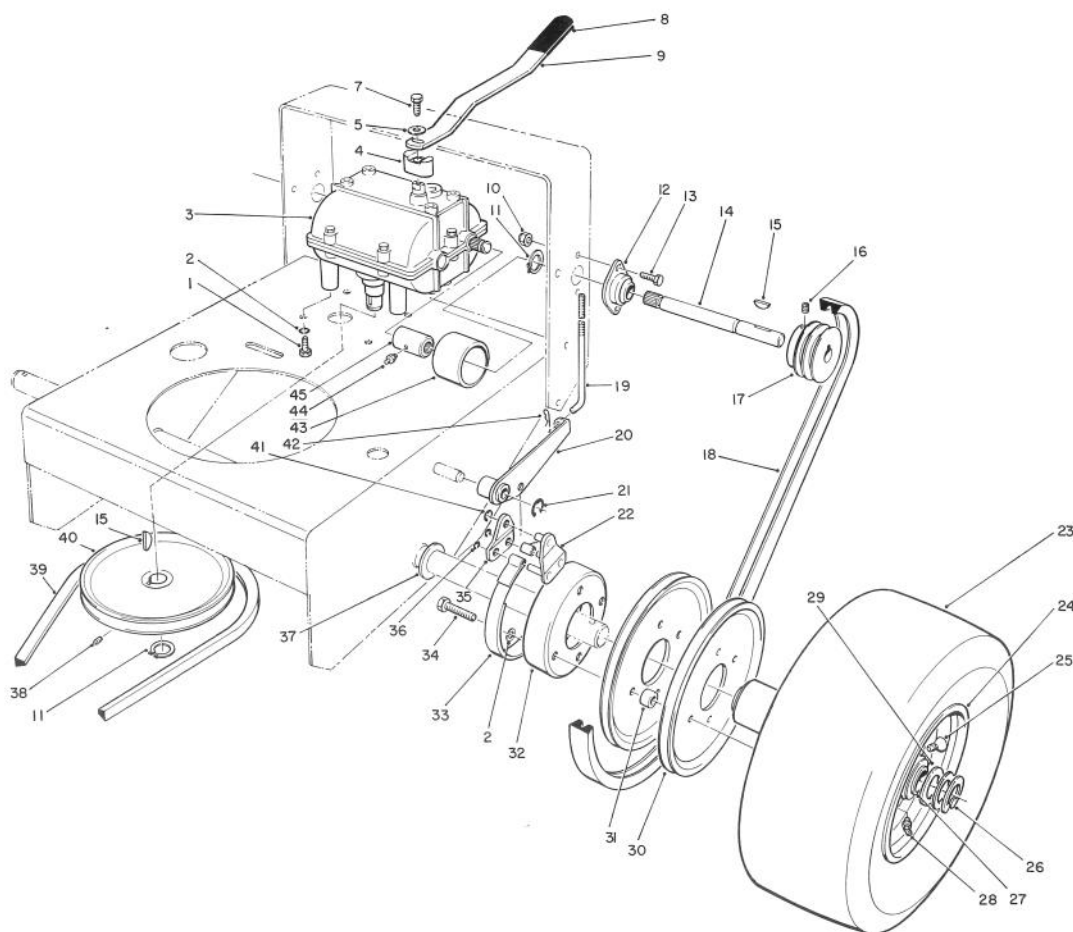


T-0080

CLUTCH ASSEMBLY NO. 54-3200

Ref. No.	Part No.	Description	No. Used
1	54-0230	Field Ass'y (Incl. Ref. #2 & 3)	1
2	251-292	Bearing - Field	1
3	44-8310	Ring - Retaining	2
4	44-8360	Field Coil, Rotor & Bearing Assembly (Incl. Ref. #1)	1
5	55-7410	Armature & Pulley Assembled (Incl. Ref. #3, 6, 7, & 8)	1

Ref. No.	Part No.	Description	No. Used
6	44-8330	Spacer	1
7	44-8340	Collar - Bearing	1
8	251-291	Bearing - Pulley	1
9	3296-5	Nut - Lock	3
10	44-8320	Spring	3

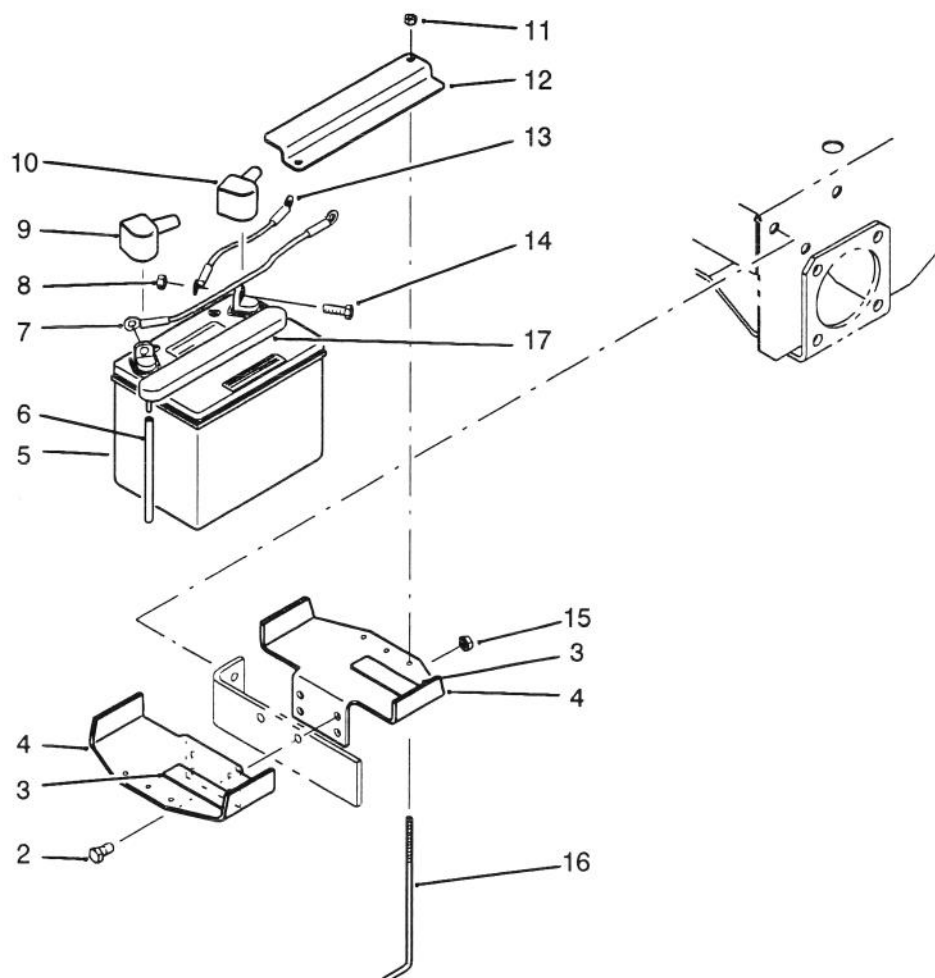


C-0502

AXLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	322-2	Screw - Hex. Hd. Cap	4	23	231-111	Tire	2
2	3253-4	Washer - Lock	12	24	242-80	Rim	2
3	74-0610	Transmission	1	25	232-27	Valve Stem	2
4	72-2190	Mount - Shift Lever	1	26	32151-91	Ring - Retaining	2
5	7-5461	Spacer	1	27	92-1746	Bearing	4
7	329-10	Screw - Hex. Hd. Cap	1	28	302-11	Fitting - Grease	2
8	47-1970	Grip - Engagement	1	29	10-8110	Washer - Flat	A/R
9	74-0320	Lever - Shift	1	30	51-4160	Pulley - Wheel	4
10	3296-42	Nut - Lock	4	31	51-4170	Spacer - Pulley	8
11	32120-64	Ring - Retaining	3	32	51-4180	Drum - Brake	2
12	51-4270	Bearing - Shaft Extension	2	33	51-4700	Brake Band Assembly	2
13	321-4	Screw - Hex. Hd. Cap	4	34	322-7	Screw - Hex. Hd. Cap	8
14	51-4240	Shaft - Extension R.H.	1	35	51-4660	Plate - Link Brake	2
*	51-4250	Shaft - Extension L.H.	1	36	32151-72	Ring - Retaining	4
15	3257-5	Key - Woodruff	3	37	51-4230	Washer - Wheel	2
16	3245-3	Screw - Socket Hd. Set	2	38	3241-5	Screw - Socket Hd. Cap	1
17	74-0480	Pulley - Drive	2	39	26-9671	Belt - Traction	1
18	51-4290	Belt - Drive	2	40	51-4190	Pulley - Driven	1
19	51-4580	Rod - Brake	2	41	32151-56	Ring - Retaining	2
20	51-4610	Brake Arm L.H.	1	42	3290-307	Pin - Cotter	2
*	51-4600	Brake Arm R.H.	1	43	51-4220	Guard - Coupler	2
21	32151-40	Ring - Retaining	2	44	302-5	Fitting - Grease	2
22	51-4650	Link - Brake	2	45	51-4260	Coupler	1

*Not Illustrated

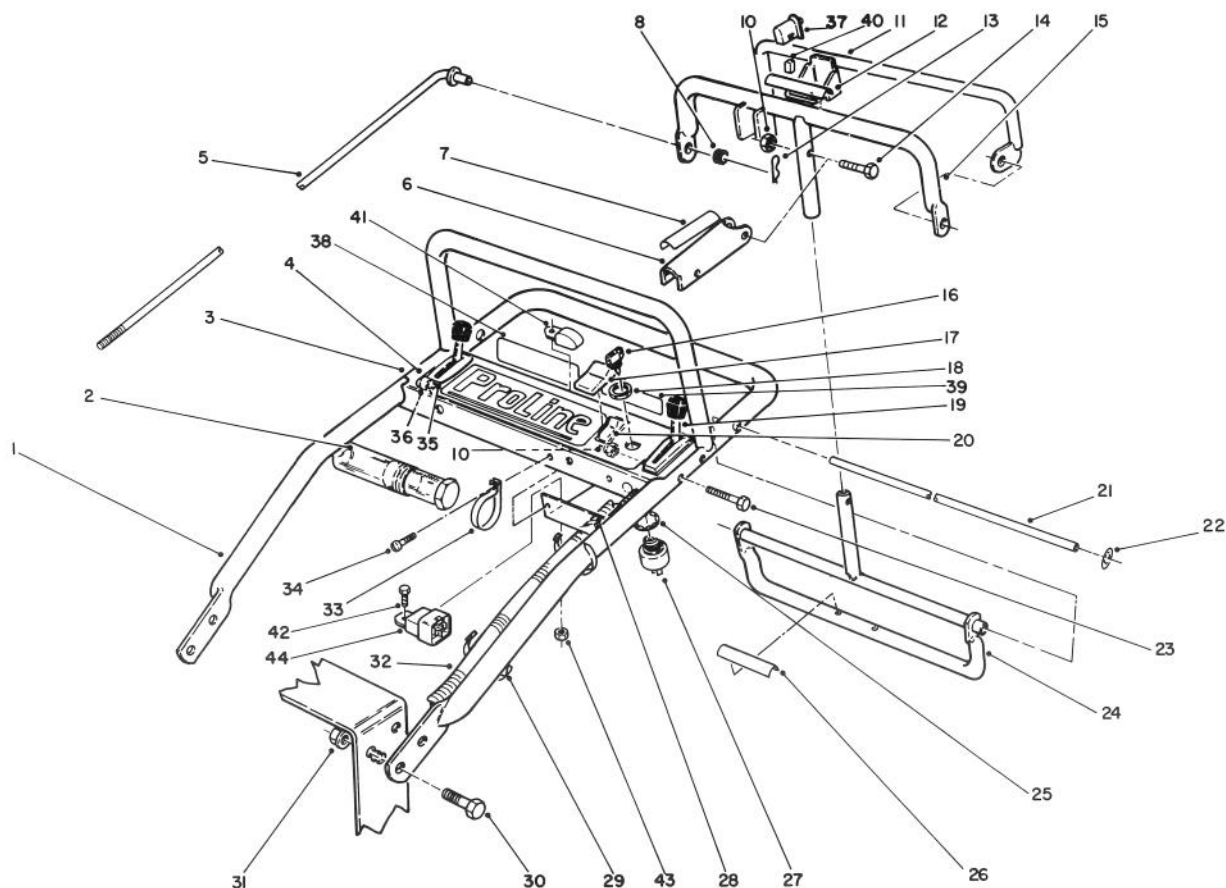


T-0875

BATTERY ASSEMBLY

Ref. No.	Part No.	Description	No. Used
2	323-9	Screw - Hex. Hd.	2
3	51-4210	Pad - Battery Mount	2
4	83-4830	Holder - Battery	2
5	92-2350	Battery	1
6	68-3810	Tube - Vent	1
7	54-3090	Cable - Battery	1
8	32149-1	Nut	2
9	77-0980	Boot - Terminal	1

Ref. No.	Part No.	Description	No. Used
10	77-0981	Boot - Terminal	1
11	3296-42	Nut - Lock	2
12	82-4620	Strap - Battery	1
13	28-3893	Cable - Battery	1
14	322-3	Screw - Cap Hex. Hd.	2
15	3296-39	Nut - Lock	2
16	12-5950	Rod - Battery Support	2
17	84-1830	Cap - Battery	1

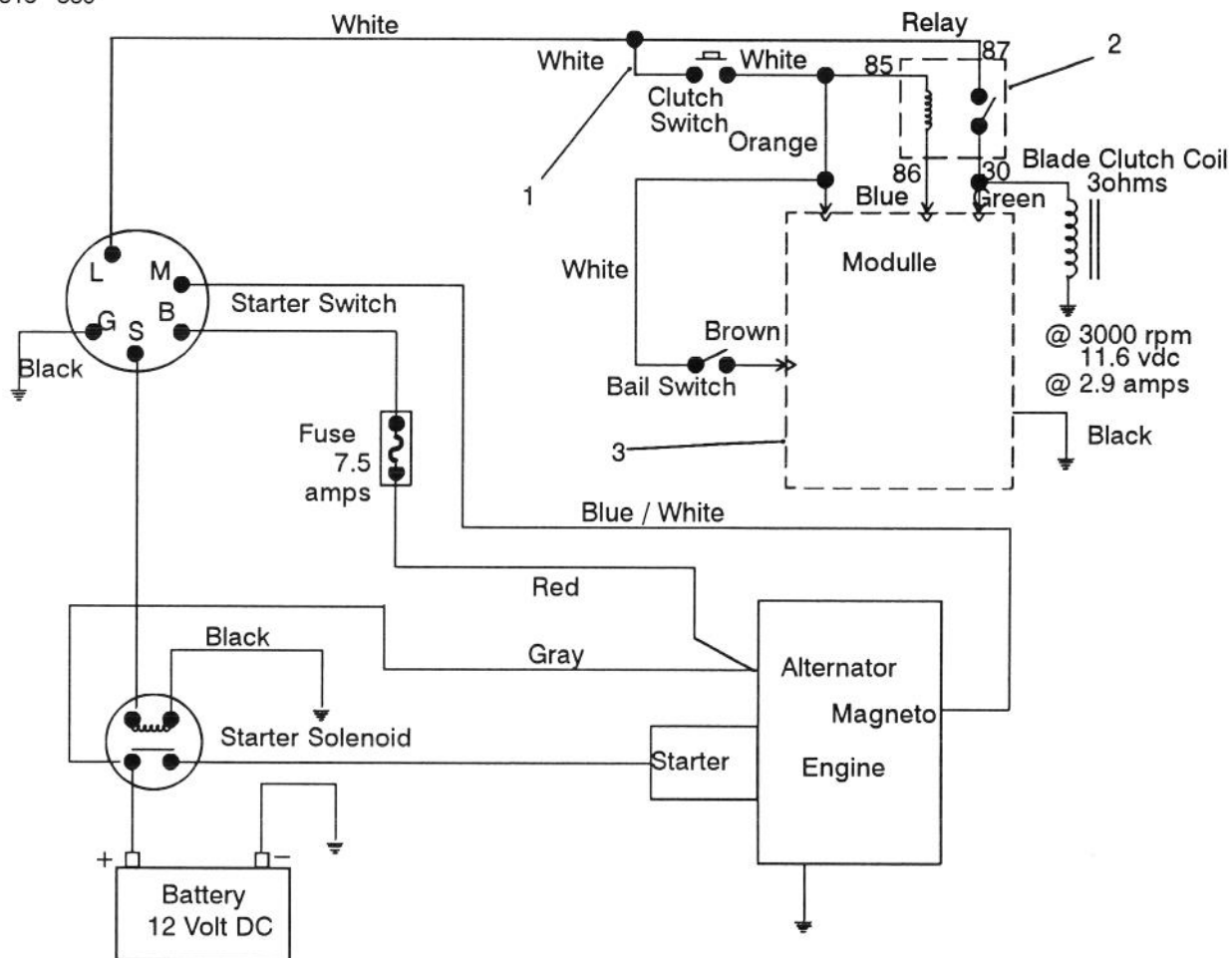


C-0510

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	67-6440	Handle - Upper	1
2	74-0720	Tube - Manual	1
3	82-2180	Panel - Control	1
4	82-7740	Decal - Proline	1
5	82-7631	Rod - Control	2
6	51-4850	Lever - Parking Brake	1
7	52-2010	Decal - Parking Brake	1
8	237-141	Grommet - Rubber	2
10	3296-2	Nut - Lock	5
11	82-7680	Bail Assembly	1
12	82-2290	Decal - Control Bar	1
13	3290-307	Pin - Cotter	2
14	32105-1	Screw - Hex. Hd. Machine	1
15	82-7690	Bar - Control	1
16	63-8360	Key	2
17	82-3820	Boot	1
18	218-461	Nut	1
19	74-0640	Control - Throttle	1
20	82-2300	Switch - Clutch (Incl. Ref. #17)	1
21	74-0470	Rod - Pivot	1
22	32151-80	Ring - Push On	2
23	32105-14	Screw - Hex. Hd. Machine	4

Ref. No.	Part No.	Description	No. Used
24	74-0380	Control - Pivot	1
25	3254-5	Washer - Lock	1
26	82-2280	Decal - Reverse Handle	1
27	23-0660	Switch - Ignition (Incl. Ref. #16, 18, & 25)	1
28	57-5811	Panel - Bottom	1
29	3290-378	Cable Tie	3
30	3234-11	Screw - Hex. Hd. Cap	4
31	32128-21	Nut - Lock	4
32	82-4840	Wire Harness (Ref.)	1
33	2412-120	"R" Clamp	2
34	32104-76	Screw - Self Tapping	4
35	74-0730	Control - Choke	1
36	54-2970	Spacer	1
37	82-2190	Switch - Bail	1
38	71-1280	Decal - Danger	1
39	65-3090	Decal - Instruction	1
40	218-595	Connector - Body	1
41	86-7910	Module - Interlock	1
42	321-2	Screw - Hex Hd. Cap	2
43	3296-42	Nut - Hex	2
44	63-7590	Relay	1



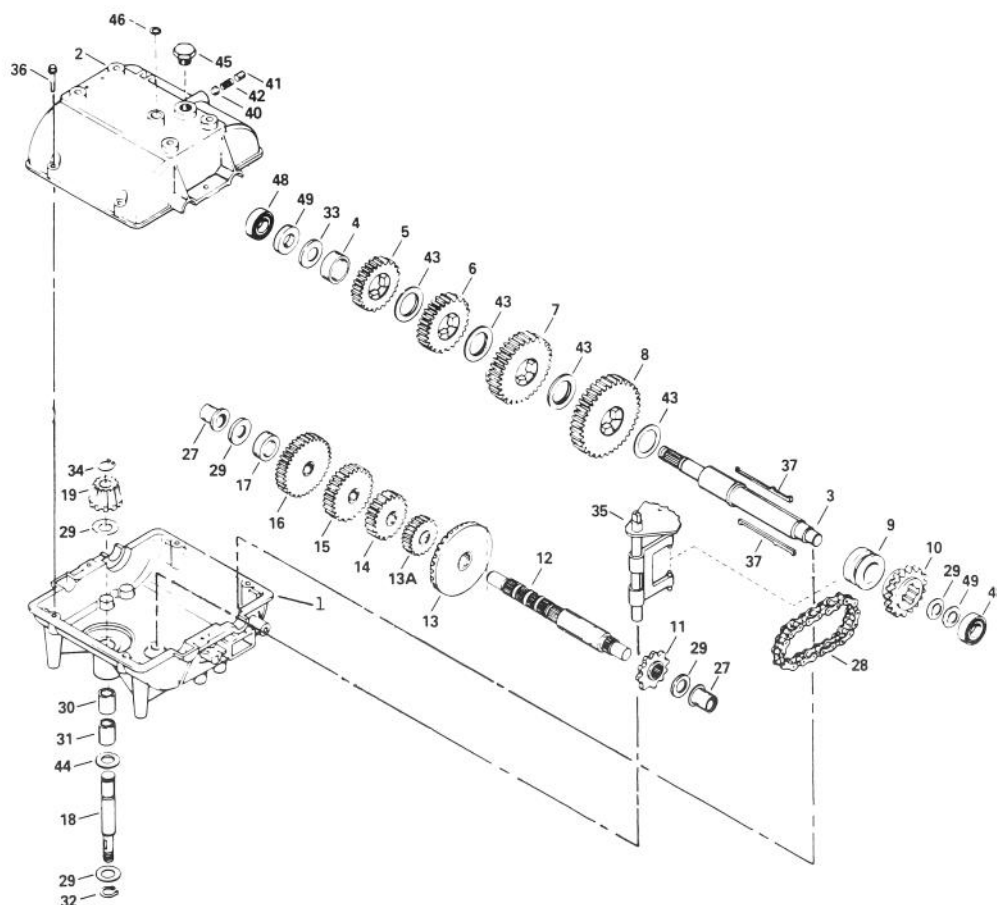
C-0749

ELECTRIC SCHEMATIC

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

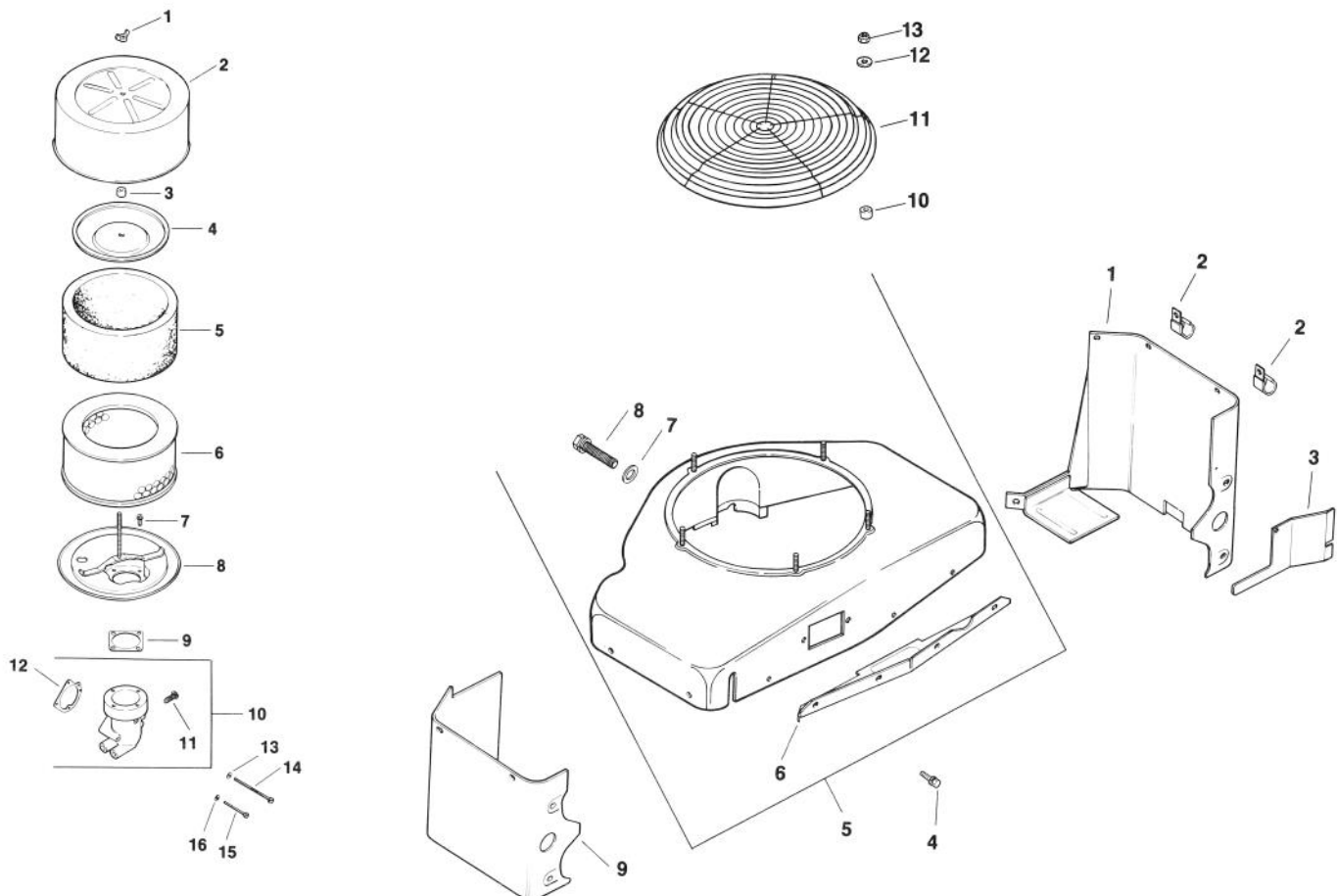
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PEERLESS TRANSMISSION MODEL NO. 700-039

Ref. No.	Part No.	Description	No. Used
1	770090	Case - Transmission	1
2	772099	Cover - Transmission	1
3	776289A	Shaft - Output & Brake	1
4	786072	Spacer	1
5	778123A	Gear - Spur (25 Teeth)	1
6	778250	Gear - Spur (27 Teeth)	1
7	778124A	Gear - Spur (30 Teeth)	1
8	778125	Gear - Spur (35 Teeth)	1
9	784266	Collar - Shift	1
10	786083	Sprocket (18 Teeth)	1
11	786082	Sprocket (9 Teeth)	1
12	776134	Shaft - Counter	1
13	778154	Gear - Bevel (42Teeth)	1
13A	778136	Gear - Spur (15 Teeth)	1
14	778126A	Gear - Spur (20 Teeth)	1
15	778249	Gear - Spur (23 Teeth)	1
16	778127A	Gear - Spur (25 Teeth)	1
17	786071	Spacer	1
18	776135	Shaft - Input	1
19	778153	Bevel Pinion - Input	1
27	780105A	Bushing - Flanged	2

Ref. No.	Part No.	Description	No. Used
28	786081	Chain - Roller (No. 41 Chain 24 Links)	1
29	780072	Washer - Thrust	5
30	780086	Bearing - Needle	1
31	7800142	Bearing - Needle	1
32	792035	Ring - Retaining	1
33	780139	Washer - Thrust	1
34	788040	Ring - Retaining	1
35	784267	Rod & Fork Ass'y - Shift	1
36	792073	Screw - Flanged Hd.	6
37	792089A	Key	4
40	792077	Ball - Steel	1
41	792078	Screw - Set	1
42	792079	Spring	1
43	780108	Washer - Thrust	4
44	792001	"O"Ring	2
45	792074	Plug - Threaded	1
46	788069	Seal - Square Cut	1
48	780092	Bearing - Ball	2
49	780065	Washer - Thrust	2



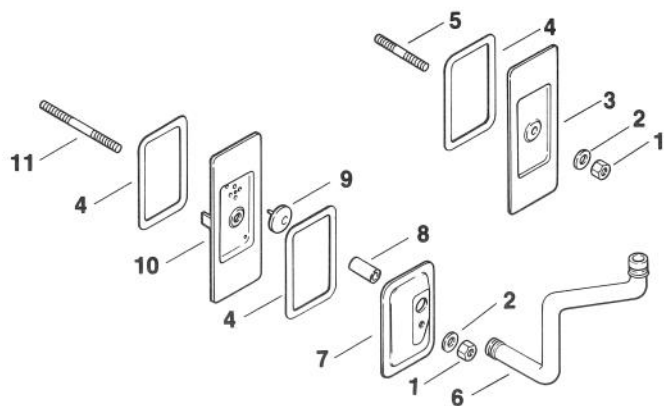
ENGINE KOHLER MODEL NO. MV16S-TYPE 56519

Ref. No.	Part No.	Description	No. Used
AIR INTAKE -GROUP 1			
1	X-276-7	Nut - Wing	1
2	45 082 01	Cover - Air Cleaner	1
3	231032	Seal - Element Cover	1
4	52 082 04	Cover - Air Cleaner Element	1
5	45 083 01	Precleaner	1
6	45 083 02	Element	1
7	X-67-98	Screw - Hex. Washer Hd.	4
8	52 094 06	Base - Air Cleaner	1
9	277093	Gasket - Air Cleaner	1
10	52 754 02	Elbow - Kit (Incl. Ref. #11 & 12)	1
11	52 086 11	Screw - Self Tapping	1
12	25 041 06	Gasket - Elbow	1
13	X-22-79	Washer - Flat	1
14	X-50-37	Screw - Pan Hd.	1
15	X-50-57	Screw - Pan Hd.	2
16	X-22-9	Washer	2
*	25 113 07	Decal - Air Cleaner	1

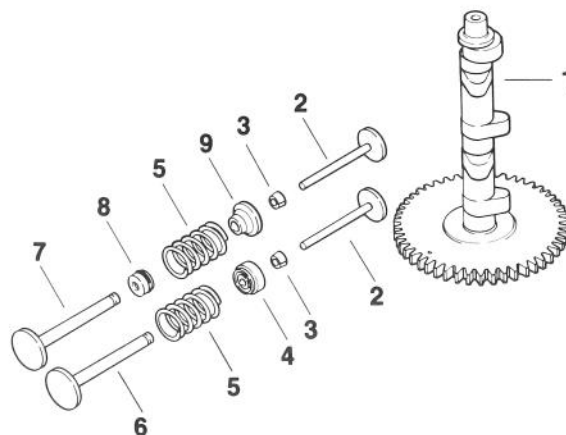
Ref. No.	Part No.	Description	No. Used
BAFFLE & SHROUD GROUP 2			
1	52 063 21	Baffle - Cylinder Head	1
2	47 154 01	Clamp	2
3	52 063 01	Baffle - Cylinder Head	1
4	X-67-83	Screw Hex. Washer Hd.	20
5	82 755 01	Kit - Blower Housing (Incl. Ref. #6-8)	1
6	52 217 01	Support - Upper Housing	1
7	52 468 16	Washer	2
8	52 086 11	Screw - Hex. Washer Hd.	2
9	52 124 23	Baffle - Cylinder Head	1
10	52 112 12	Spacer	5
11	47 314 01	Guard - Grass Screen	1
12	25 468 03	Washer	5
13	X-101-12	Nut - Lock	5
*	45 113 07	Decal - Horsepower	3

*Not Illustrated

Group 3 BREATHER & VENT



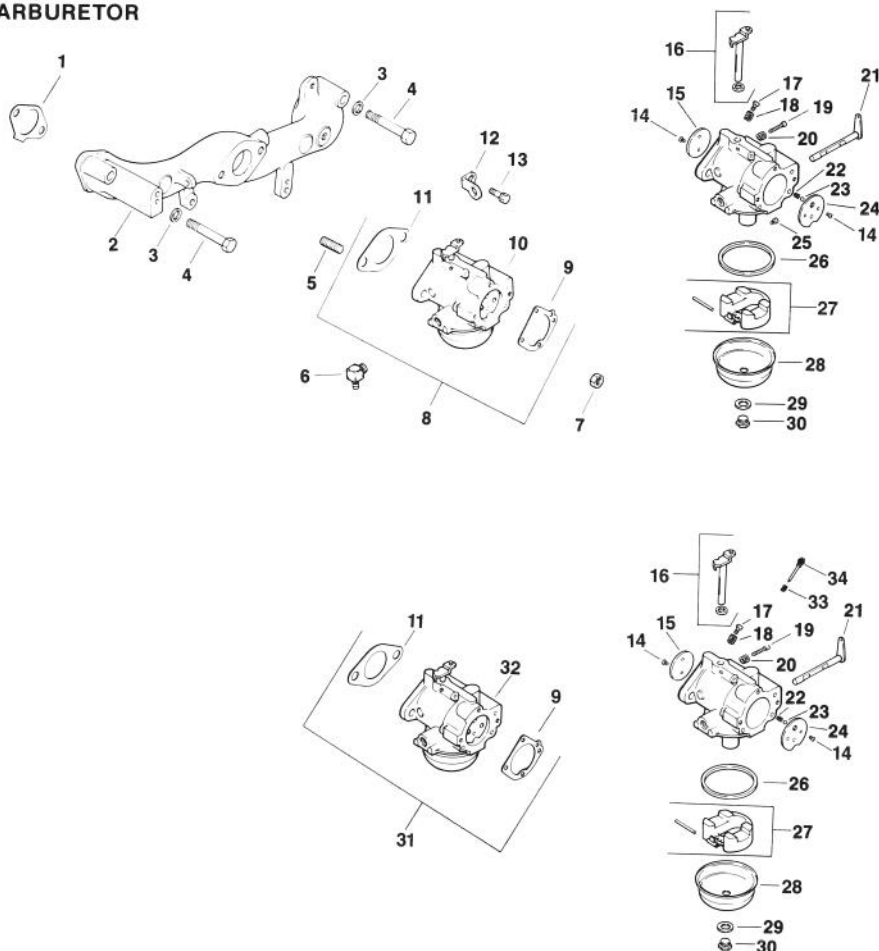
Group 4 CAMSHAFT & VALVES



ENGINE KOHLER MODEL NO. MV16S-TYPE 56519

Ref. No.	Part No.	Description	No. Used
BREATHER & VENT GROUP 3			
1	X-81-1	Nut - Hex	2
2	X-25-12	Washer - Plain	2
3	52 096 18	Cover - Cylinder Valve	1
4	52 055 01	Gasket - Cover	3
5	X-325-39	Stud - Valve Cover	1
6	52 326 12	Hose - Breather	1
7	52 096 08	Cover - Upper Cylinder Valve	1
8	52 032 04	Seal - Breather	1
9	52 462 01	Valve - Umbrella	1
10	52 096 22	Cover - Lower Cylinder Valve	1
11	275220	Stud - Cylinder Valve Cover	1

Ref. No.	Part No.	Description	No. Used
CAMSHAFT & VALVES GROUP 4			
1	52 012 09	Camshaft	1
2	52 019 03	Tappet	4
3	41 755 10	Kit - Retainer	4
4	52 413 01	Rotator - Exhaust Valve	2
5	25 089 01	Spring - Valve	4
6	52 016 05	Valve - Exhaust	2
7	52 017 08	Valve - Intake	2
8	52 032 13	Seal - Intake Valve Stem	2
9	230011	Retainer - Intake Valve	2

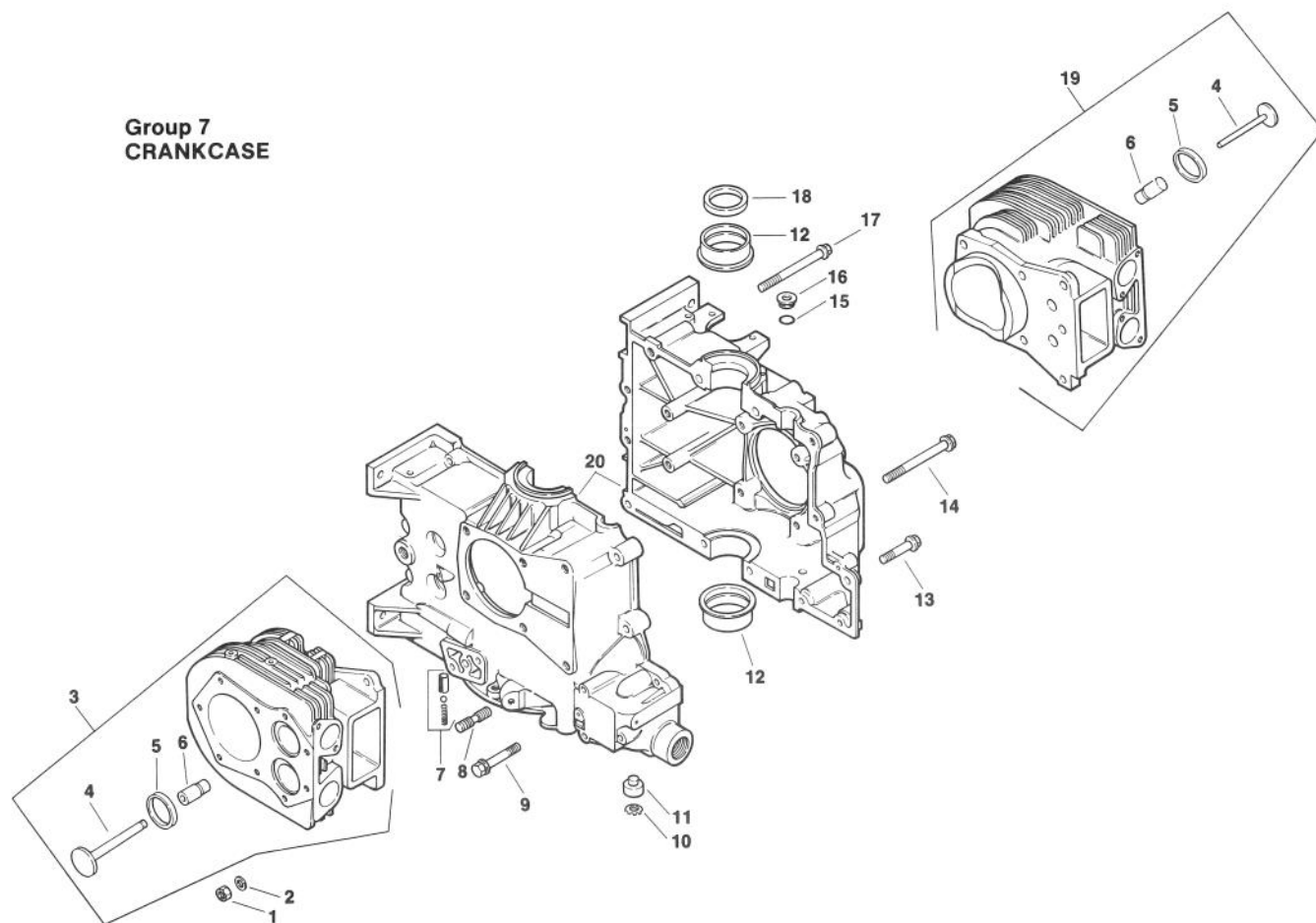
**Group 5
CARBURETOR**

ENGINE KOHLER MODEL NO. MV16S—TYPE 56519

Ref. No.	Part No.	Description	No. Used
		CARBURETOR GROUP 5	
1	52 041 09	Gasket – Intake Manifold	2
2	52 164 14	Manifold, Intake	1
3	X-21-1	Washer	4
4	X-6-29	Screw	4
5	235778	Clamp – Cable	2
6	255 155 02	Connector – Hose	1
7	X-77-2	Nut – Hex Jam	2
8	52 853 09	Carburetor Kit w/Linkage	1
9	25 041 06	Gasket – Air Cleaner	1
10	52 053 34	Carburetor Assembly	
		For Information Only	1
11	271030	Gasket – Carburetor	1
12	232867	Strap – Lifting	1
13	X-67-62	Screw – Hex Washer Hd.	1
14	25 086 27	Screw – Throttle & Choke Plate	4
15	25 146 02	Plate – Throttle	1
16	52 144 16	Shaft – Throttle w/Lever & Seal	1

Ref. No.	Part No.	Description	No. Used
17	25 368 01	Needle – Idle Fuel Adj.	1
18	25 089 02	Spring – Idle Fuel	1
19	25 086 26	Screw – Idle Speed Adj.	1
20	25 089 04	Spring – Idle Speed	1
21	52 090 13	Lever – Choke	1
22	25 089 03	Spring – Choke Friction	1
23	25 194 01	Ball – Choke Friction	1
24	25 146 03	Plate – Choke	1
25	52 337 06	Jet – Main	1
26	25 041 04	Gasket – Bowl	1
27	25 757 09	Kit – Float	1
28	25 104 01	Bowl – Fuel	1
29	25 041 03	Gasket – Retainer Screw	1
30	25 100 05	Screw – Bowl Retainer	1
31	52 853 25	Carburetor Kit w/Linkage	1
32	52 053 54	Carburetor Assembly	
		For Information Only	1
33	25 089 02	Screw – Bowl	1
34	25 368 03	Needle – Main Fuel	1
*	25 757 11	Kit – Carburetor Repair	1
*	52 755 98	Kit – High Altitude	1

*Not Illustrated

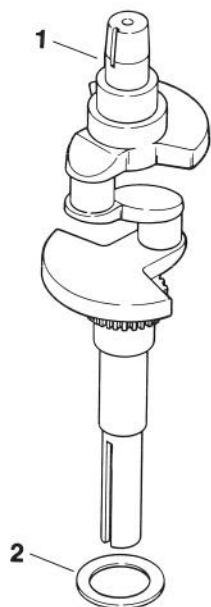
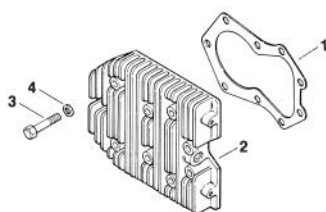
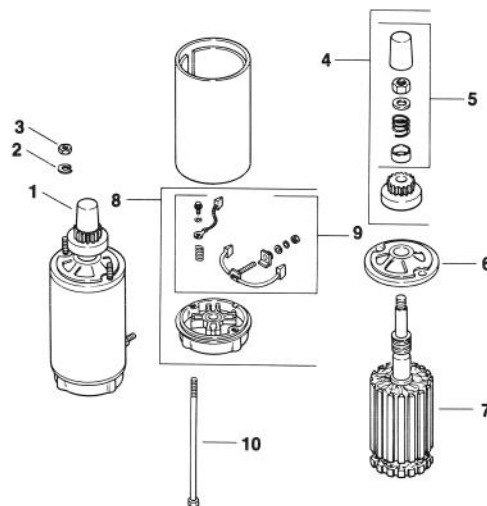
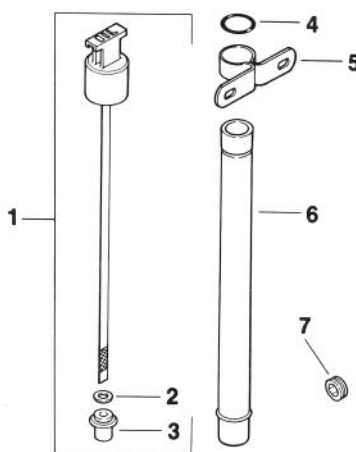
**Group 7
CRANKCASE**



ENGINE KOHLER MODEL NO. MV16S—TYPE 56519

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
		CRANKCASE GROUP 7					
1	X-82-2	Nut	12	12	52 030 10	Bearing – Sleeve (Std.)	2
2	52 468 12	Washer – Flat	12	*	52 030 11	Bearing – Sleeve (.010)	2
3	82 755 17	Kit – #2 Cylinder Barrel (Incl. Ref. #4-6)	1	*	52 030 12	Bearing – Sleeve (.020)	2
4	52 016 05	Valve – Exhaust	1	13	25 086 10	Screw – Hex. Flange	3
5	52 031 01	Inset – Valve Seat	2	14	25 086 13	Screw – Hex. Flange	2
6	52 316 06	Guide – Valve	2	15	52 141 02	O-Ring	1
7	52 755 50	Kit – Oil Relief	1	16	52 139 08	Plug	1
8	52 072 12	Stud – Step	12	17	25 086 11	Screw – Hex Flange	8
9	25 086 12	Screw – Hex. Flange	2	18	52 032 10	Seal – Oil Front	1
10	X-269-43	Ring – Retaining	1	19	82 755 16	Kit – #2 Cylinder Barrel (Incl. Ref. #4-6)	1
11	52 078 05	Shaft – Governor	1			Crankcase Service with Short Block 82 522 30	1

*Not Illustrated

**Group 11
ELECTRIC START**
**Group 8
CRANKSHAFT**

**Group 9
CYLINDER HEAD**

**Group 10
DIPSTICK**

**Group 12
EXHAUST**

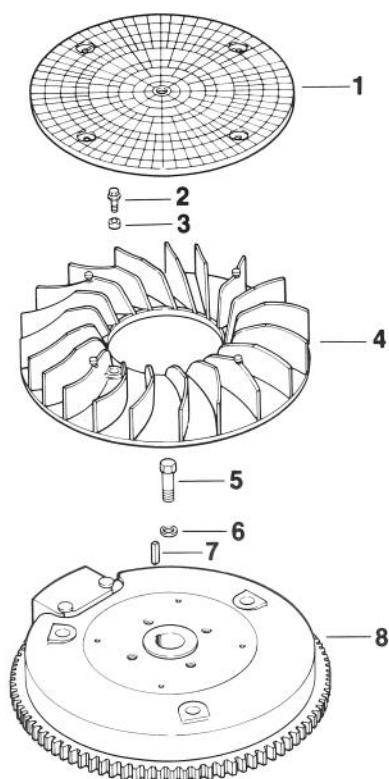
ENGINE KOHLER MODEL NO. MV16S-TYPE 56519

Ref. No.	Part No.	Description	No. Used
CRANKCASE GROUP 8			
1	52 014 93	Crankshaft	1
2	52 468 03	Washer - .119 / .122	A/R
*	52 468 04	Washer - .128 / .131	1
*	52 468 05	Washer - .137 / .140	A/R
CYLINDER HEAD GROUP 9			
1	52 041 02	Gasket - Head	2
2	52 015 10	Head - Cylinder	2
3	220534	Washer - Flat	18
4	41 086 02	Screw - Hex. Hd.	18
DIPSTICK GROUP 10			
1	52 038 14	Dipstick (Incl. Ref. #2-3)	1
2	X-25-44	Washer - Flat	1
3	52 032 14	Seal - Rubber	1
4	41 153 01	"O"Ring	1
5	52 126 11	Bracket - Oil Tube Support	1

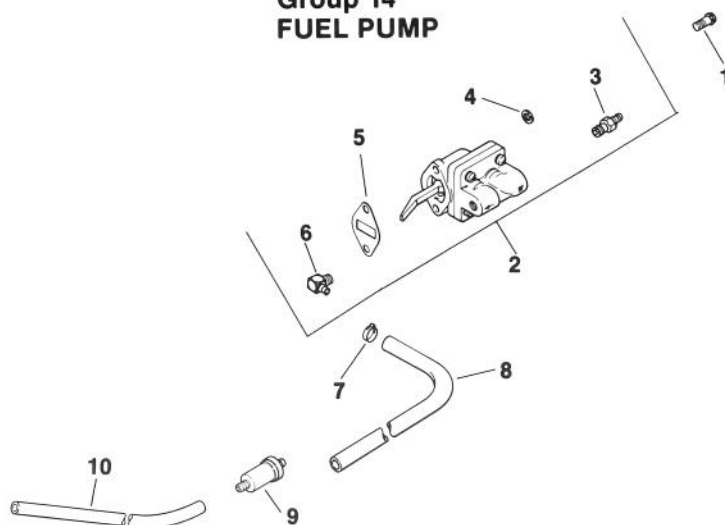
Ref. No.	Part No.	Description	No. Used
6	52 123 20	Tube - Oil Fill	1
7	47 139 01	Plug - Countersunk Hex.	1
ELECTRIC START GROUP 11			
1	52 098 09	Starter Assembly (Incl. Ref. #4-10)	1
2	X-20-1	Washer - Lock	2
3	X-81-1	Nut - Hex.	2
4	52 755 05	Kit - Drive (Incl. Ref. #5)	1
5	52 755 08	Kit - Drive Parts	1
6	52 227 01	Cap - Drive End	1
7	52 170 02	Armature	1
8	52 227 09	Cap - Commutator End (Incl. Ref. #9)	1
9	48 755 15	Kit - Brush	1
10	52 211 01	Bolt	2
*	52 357 01	Lubricant - Starter	1
EXHAUST GROUP 12			
1	52 041 14	Gasket - Exhaust	2

*Not Illustrated

Group 13 FLYWHEEL



Group 14 FUEL PUMP

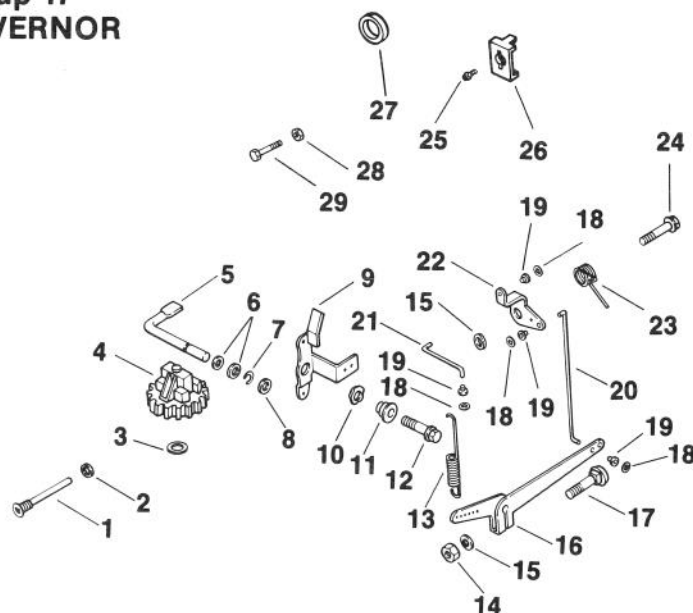


ENGINE KOHLER MODEL NO. MV16S-TYPE 56519

Ref. No.	Part No.	Description	No. Used
FLYWHEEL GROUP 13			
1	25 162 01	Screen – Grass	1
2	25 086 21	Screw – Hex. Washer Hd.	4
3	25 112 04	Spacer	4
4	25 157 01	Fan	1
5	25 086 24	Screw – Hex. Hd. Machine	1
6	52 468 15	Washer – Flat	1
7	X-286-17	Key – Square	1
8	52 025 36	Flywheel	1

Ref. No.	Part No.	Description	No. Used
FUEL PUMP GROUP 14			
1	47 086 08	Screw – Posidriv T.H.	2
2	52 559 01	Pump – Fuel (Incl. Ref. #3-6)	1
3	X-380-1	Connector – Hose	1
4	X-25-63	Washer – Flat	2
5	25 041 09	Gasket – Fuel Pump	1
6	25 155 02	Connector – Hose	1
7	X-426-9	Clamp – Hose	4
8	52 353 18	Line – Fuel	1
9	25 050 03	Filter – Fuel	1
10	25 353 03	Line – Fuel	1

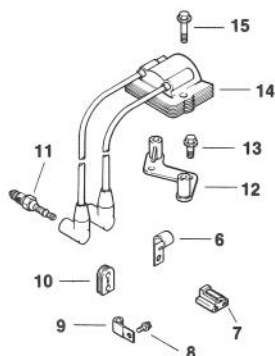
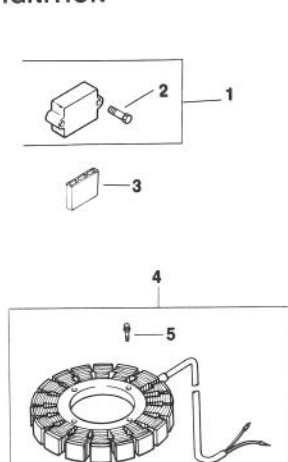
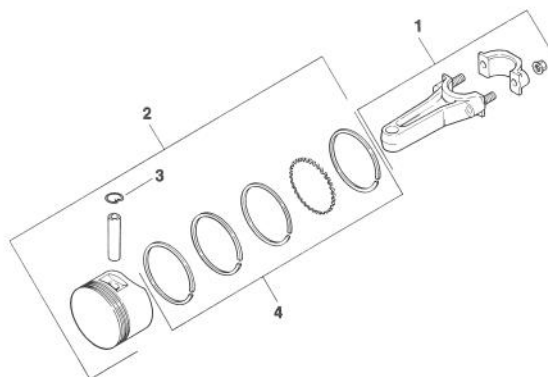
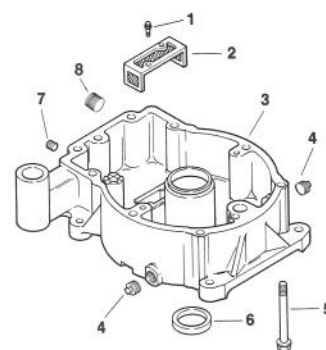
Group 17 GOVERNOR



ENGINE KOHLER MODEL NO. MV16S—TYPE 56519

Ref. No.	Part No.	Description	No. Used
		GOVERNOR GROUP 17	
1	231355	Pin – Governor Stop	1
2	X-25-12	Washer – Flat	1
	237022	Washer – Governor Gear Thrust	1
4	A-235743-S	Kit – Governor Gear	1
5	52 078 04	Shaft – Governor Cross	1
6	X-25-102	Washer – Flat	2
7	X-269-28	Retainer – Governor	1
8	X-25-63	Washer – Flat	1
9	52 090 25	Lever – Speed Control	1
10	277341	Washer – Tension	1
11	52 158 07	Bushing – Throttle Control	1
12	25 086 15	Screw – Hex. Washer Hd.	1
13	52 089 07	Spring – Governor	1

Ref. No.	Part No.	Description	No. Used
14	x-81-1	Nut	1
15	X-25-72	Washer – Flat	2
16	52 186 09	Arm – Governor	1
17	52 211 04	Screw – R.H. Sq. Neck	1
18	25 141 03	Ring	4
19	25 158 08	Bushing – Linkage	4
20	52 079 07	Linkage – Governor	1
21	52 079 06	Linkage – Throttle	1
22	52 090 14	Lever – Throttle	1
23	52 089 08	Spring – Torsion	1
24	25 086 21	Screw – Hex. Washer Hd.	1
25	X-67-38	Screw – Hex. Washer Hd.	3
26	12 237 01	Clamp	3
27	25 431 01	Spacer	1
28	X-70-3	Nut	1
29	52 086 05	Screw – Hex. Hd.	1

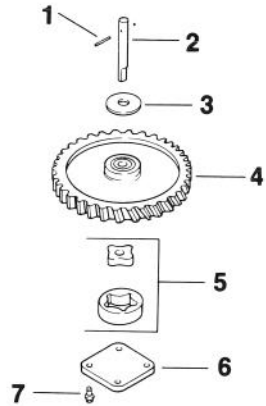
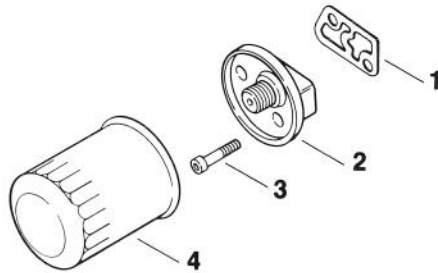
**Group 18
IGNITION**

**Group 22
PISTON & ROD**

**Group 21
OIL PAN**


ENGINE KOHLER MODEL NO. MV16S-TYPE 56519

Ref. No.	Part No.	Description	No. Used
		IGNITION GROUP 18	
1	25 755 03	Kit - Rectifier / Regulator (Incl. Ref.#2)	1
2	X-132-5	Screw - H.C.	2
3	236602	Connector	1
4	237878	Kit - Stator (Incl. Ref. #5)	1
5	X-67-51	Screw - H.C.	4
6	235173	Clip	1
7	236473	Connector	1
8	X-67-83	Screw - Hex. Washer Hd.	1
9	48 154 02	Clip	1
10	52 313 02	Grommet	1
11	52 132 02	Spark Plug	2
12	52 126 08	Bracket - Module	1
13	25 086 15	Screw - Hex. Washer Hd.	2
14	52 584 02	Module - Ignition	1
15	25 086 16	Screw - Hex. Washer Hd.	2
*	47 518 33	Lead - Violet	1
*	52 518 19	Lead - White	1

		OIL PAN GROUP 21	
1	X-67-64	Screw - Hex. Washer Hd.	2
2	52 050 03	Filter - Oil Pickup	1
3	52 199 03	Pan - Oil	1
4	X-75-10	Plug - Sq. Hd.	2
5	52 086 12	Screw - Hex. Washer Hd.	9
6	52 032 10	Seal - Rear Oil	1
7	X-75-38	Plug - Countersunk Hex.	1
8	X-75.23	Plug - Countersunk Hex	1
		PISTON & ROD GROUP 22	
1	52 067 67	Rod - Connecting (Std.)	2
*	52 067 68	Rod - Connecting (.010)	2
2	52 874 11	Piston - w/Ring Set (Std.)	2
*	52 874 12	Piston - w/Ring Set (.003)	2
*	52 874 13	Piston - w/Ring Set (.010)	2
*	52 874 14	Piston - w/Ring Set (.020)	2
*	52 874 15	Piston - w/Ring Set (.030)	2
3	230004	Retainer - Piston Pin	4
4	52 108 09	Ring - Set (Std. & .003)	2
*	52 108 10	Ring - Set (.010)	2
*	52 108 11	Ring - Set (.020)	2
*	52 108 12	Ring - Set (.030)	2

*Not Illustrated

**Group 25
OIL PUMP**

**Group 29
OIL FILTER**

**Group 32
LOW OIL PRESSURE CUTOUT**

ENGINE KOHLER MODEL NO. MV16S-TYPE 56519

Ref. No.	Part No.	Description	No. Used
OIL PUMP GROUP 25			
1	X-280-25	Pin - Roll	1
2	52 144 05	Shaft - Oil Pump	1
3	52 422 01	Spacer - Shim	2
4	52 043 05	Gear - Oil Pump	1
5	52 393 09	Rotor Set	1
6	52 096 03	Cover - Oil Pump	1
7	X-67-64	Screw - Hex. Washer Hd.	4

Ref. No.	Part No.	Description	No. Used
OIL FILTER GROUP 29			
1	52 041 16	Gasket - Oil Filter	1
2	52 181 03	Adapter - Oil Filter	1
3	X-55-15	Screw - Hex. Socket Hd.	2
4	52 050 02	Oil Filter	1
OIL PRESSURE SWITCH GROUP 32			
1	X-75-23	Plug - Pipe	1
*	52 522 30	Short Block	1
*	52 755 94	Gasket Set	1

*Not Illustrated

TORO PART NUMBER INDEX

3315-530

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
7-5461	Spacer	5 5 1	67-6440	Handle - Upper	7 1 1
10-8110	Washer - Flat	5 29A/R	68-2050	Muffler	3 25 1
12-3270	Screw - Hex. Hd. Cap	2 35 2	68-3240	Gasket - Muffler	3 26 2
12-5950	Rod - Battery Support	6 16 1	68-3810	Tube - Vent	6 6 1
23-0660	Switch - Ignition	7 27 1	68-9690	Fitting - Rod	1 6 2
26-9671	Belt - Traction	5 39 1	71-1280	Decal - Danger	7 38 1
28-3891	Wire Assembly	2 39 1	71-3040	Replacement Axle Kit	2 * 1
28-3893	Cable - Battery	6 13 1	72-2190	Mount - Shift Lever	5 4 1
44-8160	Washer - Clutch	3 17 1	74-0040	Spacer - Pivot Idler	1 19 4
44-8310	Ring - Retaining	4 3 2	74-0050	Sheave - Lower Half	3 20 1
44-8320	Spring	4 10 3	74-0060	Sheave - Upper Half	3 22 1
44-8330	Spacer	4 6 1	74-0220	Idler - Bracket L.H.	1 8 1
44-8340	Collar - Bearing	4 7 1	74-0230	Idler - Bracket R.H.	1 * 1
44-8360	Field Coil, Rotor & Bearing	4 4 1	74-0280	Frame	1 24 1
47-1910	Solenoid - Starter	2 37 1	74-0320	Lever - Shift	5 9 1
47-1970	Grip - Engagement	5 8 1	74-0360	Frame - Rear	1 31 1
47-2982	Hose - Fuel	1 3 1	74-0380	Control - Pivot	7 24 1
47-2982	Hose - Gas	3 3 1	74-0470	Rod - Pivot	7 21 1
51-4160	Pulley - Wheel	5 30 4	74-0480	Pulley - Drive	5 17 2
51-4170	Spacer - Pulley	5 31 8	74-0490	Decal - Fuel Shut Off	1 30 1
51-4180	Drum - Brake	5 32 2	74-0510	Valve - Fuel	1 32 1
51-4190	Pulley - Driven	5 40 1	74-0521	Fitting - Rod	1 10 2
51-4210	Pad - Battery Mount	6 3 2	74-0610	Transmission	5 3 1
51-4220	Guard - Coupler	5 43 2	74-0640	Control - Throttle	7 19 1
51-4230	Washer - Wheel	5 37 2	74-0720	Tube - Manual	7 2 1
51-4240	Shaft - Extension R.H.	5 14 1	74-0730	Control - Choke	7 35 1
51-4250	Shaft - Extension L.H.	5 * 1	77-0980	Boot - Terminal	6 9 1
51-4260	Coupler	5 45 1	77-0981	Boot - Terminal	6 10 1
51-4270	Bearing - Shaft Extension	5 12 2	82-2180	Panel - Control	7 3 1
51-4290	Belt - Drive	5 18 2	82-2190	Switch - Bail	7 11 1
51-4370	Spring - Torsion R.H.	1 * 1	82-2270	Wire Harness	8' 1 1
51-4380	Spring - Torsion L.H.	1 17 1	82-2280	Decal - Reverse Handle	7 26 1
51-4450	Screw - Leveler	1 18 2	82-2290	Decal - Control Bar	7 12 1
51-4480	Idler - Wheel	1 15 2	82-2300	Switch - Clutch	7 20
51-4490	Spacer - Idler Wheel	1 16 2	82-3820	Boot	7 17 1
51-4540	Retainer - Clutch	3 23 1	82-4620	Strap - Battery	6 12 1
51-4580	Rod - Brake	5 19 2	82-4630	Rod - Battery Support	6 1 1
51-4600	Brake Arm R.H.	5 * 1	82-4640	Battery	6 5 1
51-4610	Brake Arm L.H.	5 20 1	82-7631	Rod - Control	7 5 2
51-4650	Link - Brake	5 22 2	82-7680	Bail Assembly	7 37 1
51-4660	Plate - Link Brake	5 35 2	82-7690	Bar - Control	7 15 1
51-4700	Brake Band Assembly	5 33 2	82-7740	Decal - Proline	7 4 1
51-4810	Pulley - Idler	1 23 1	82-7750	Decal - Ground Speed	1 29 1
51-4850	Lever - Parking Brake	7 6 1	82-8440	Tank - Fuel	2 34 1
52-2010	Decal - Parking Brake	7 7 1	84-1830	Cap - Battery	6 17 1
52-2890	Bushing	2 40 2	86-7910	Module - Interlock	7 41 1
54-0230	Field Ass'y	4 1 1	86-7910	Module - Interlock	8 3 1
54-2750	V-Belt - Deck Drive	3 19 1	92-1746	Bearing	5 27 4
54-2970	Spacer	7 36 1	92-2350	Holder - Battery	6 4 2
54-3090	Cable - Battery	6 7 1	218-461	Nut	7 18 1
54-3200	Clutch Brake Assembly	3 18 1	218-595	Connector - Body	7 40 1
55-3570	Cap - Fuel Tank	1 1 1	231-111	Tire	5 23 2
55-7410	Armature & Pulley Assemble	4 5 1	232-27	Valve Stem	5 25 2
55-7660	V-Belt - Deck Drive	3 * 1	237-7	"O"Ring	1 33 1
57-5811	Panel - Bottom	7 28 1	237-124	Grommet	1 21 1
63-7590	Relay	8 2 1	237-141	Grommet - Rubber	7 8 2
63-7590	Relay	7 44 1	242-80	Rim	5 24 2
63-8360	Key	7 16 2	2412-73	R-Clamp	3 8 1
63-8440	Decal - Hot	3 28 1	2412-98	Clamp - Fuel Line	3 1 2
65-3090	Decal - Instruction	7 39 1	2412-98	Clamp - Fuel line	1 2 1
66-7400	Plate - Control	1 28 1	2412-120	RClamp	7 33 2
67-6370	Bracket - Support R.H.	1 * 1	251-291	Bearing - Pulley	4 8 1
67-6380	Bracket - Support L.H.	1 11 1	251-292	Bearing - Field	4 2 1

*Not Illustrated

TORO PART NUMBER INDEX (Cont.)

Part No.	Description	Pg. Ref. No. No. Qty.	Part No.	Description	Pg. Ref. No. No. Qty.
283-6	Pin - Clevis	1 9 2	3257-5	Key - Woodruff	5 15 3
288-4	Pipe Cap	3 11 1	3274-10	Screw - Socket Hd. Cap	3 24 4
289-48	Pipe Nipple	3 10 1	3290-307	Pin - Cotter	1 7 4
2811-10	Elbow - 90° Street	3 9 1	3290-307	Pin - Cotter	7 13 2
302-5	Fitting - Grease	5 44 2	3290-307	Pin - Cotter	5 42 2
302-11	Fitting - Grease	5 28 2	3290-378	Cable Tie	7 29 3
321-2	Screw - Hex Hd. Cap	7 42 2	3296-2	Nut - Lock	7 10 5
321-4	Screw - Hex. Hd. Cap	5 13 4	3296-5	Nut - Lock	4 9 3
322-2	Screw - Hex. Hd. Cap	5 1 4	3296-23	Nut - Lock	1 14 2
322-3	Screw - Cap Hex. Hd.	6 14 2	3296-39	Nut - Lock	6 15 2
322-4	Screw - Hex. Hd. Cap	1 26 4	3296-39	Nut - Lock	1 20 6
322-7	Screw - Hex. Hd. Cap	5 34 8	3296-42	Nut - Hex	7 43 2
322-9	Screw - Hex. Hd. Cap	3 14 4	3296-42	Nut - Lock	5 10 4
323-6	Screw - Hex. Hd. Cap	1 13 6	3296-42	Nut - Lock	6 11 2
323-9	Screw - Hex. Hd.	6 2 2	32103-25	Nut - Wing	1 4 2
323-9	Screw - Hex. Hd. Cap	1 22 1	32104-76	Screw - Self Tapping	7 34 4
323-16	Screw - Hex. Hd. Cap	1 12 2	32105-1	Screw - Hex. Hd. Machine	7 14 1
329-10	Screw - Hex. Hd. Cap	5 7 1	32105-14	Screw - Hex. Hd. Machine	7 23 4
3212-24	Screw - Hex. Hd. Cap	3 15 1	32120-64	Ring - Retaining	5 11 3
3234-11	Screw - Hex. Hd. Cap	7 30 4	32128-21	Nut - Hex. Flange	1 25 1
3241-5	Screw - Socket Hd. Cap	5 38 1	32128-21	Nut - Lock	7 31 4
3245-3	Screw - Socket Hd. Set	5 16 2	32149-1	Nut	6 8 2
3253-4	Washer - Lock	5 2 12	32149-1	Nut - Lock	3 5 1
3253-4	Washer - Lock	3 13 5	32149-2	Nut - Lock	3 4 1
3253-4	Washer - Lock	1 27 4	32149-2	Nut - Lock	2 38 2
3253-22	Washer - Lock	3 16 1	32151-40	Ring - Retaining	5 21 2
3254-5	Washer - Lock	7 25 1	32151-56	Ring - Retaining	5 41 2
3255-8	Washer - External Tooth	3 7 1	32151-72	Ring - Retaining	5 36 4
3256-23	Washer - Flat	1 5 9	32151-80	Ring - Push On	7 22 2
3256-23	Washer - Plain	3 12 6	32151-91	Ring - Retaining	5 26 2
3256-24	Washer	2 41 1	32152-1	Nut - Lock	3 6 4

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Clutch Assembly	4		
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Handle Assembly	7	37" Cutting Unit	Model No. 30737
Electric Schematic	8	44" Cutting Unit	Model No. 30144
Transmission, Peerless	9	48" Cutting Unit	Model No. 30148
Engine Kohler		52" Cutting Unit	Model No. 30152
Air Intake/ Baffle, Shroud & Valves	10	62" Cutting Unit	Model No. 30162
Breather Vent , Camshaft & Valves	11	Standard Sulky	Model No. 30122
Carburetor	12	Steerable Sulky	Model No. 30123
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Crankshaft, Cylinder Head, Dipstick,		Bagging For 36" Deck	Model No. 30125
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Governor	16	Height of Cut 36 & 37" Decks ..	Part No. 84-5010
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Oil Pressure Switch	18	Idler	Part No. 85-7360