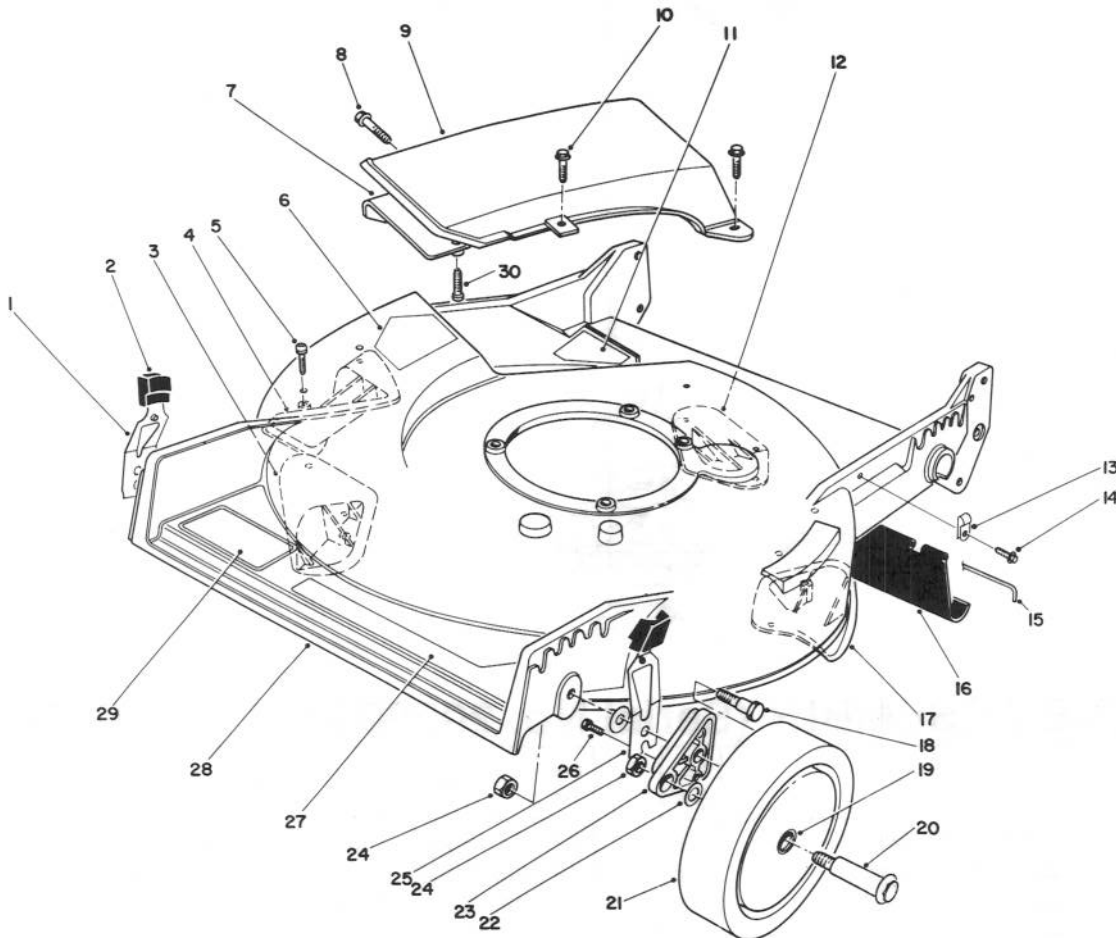


TORO®

MODEL NO. 20329-2000001 & UP

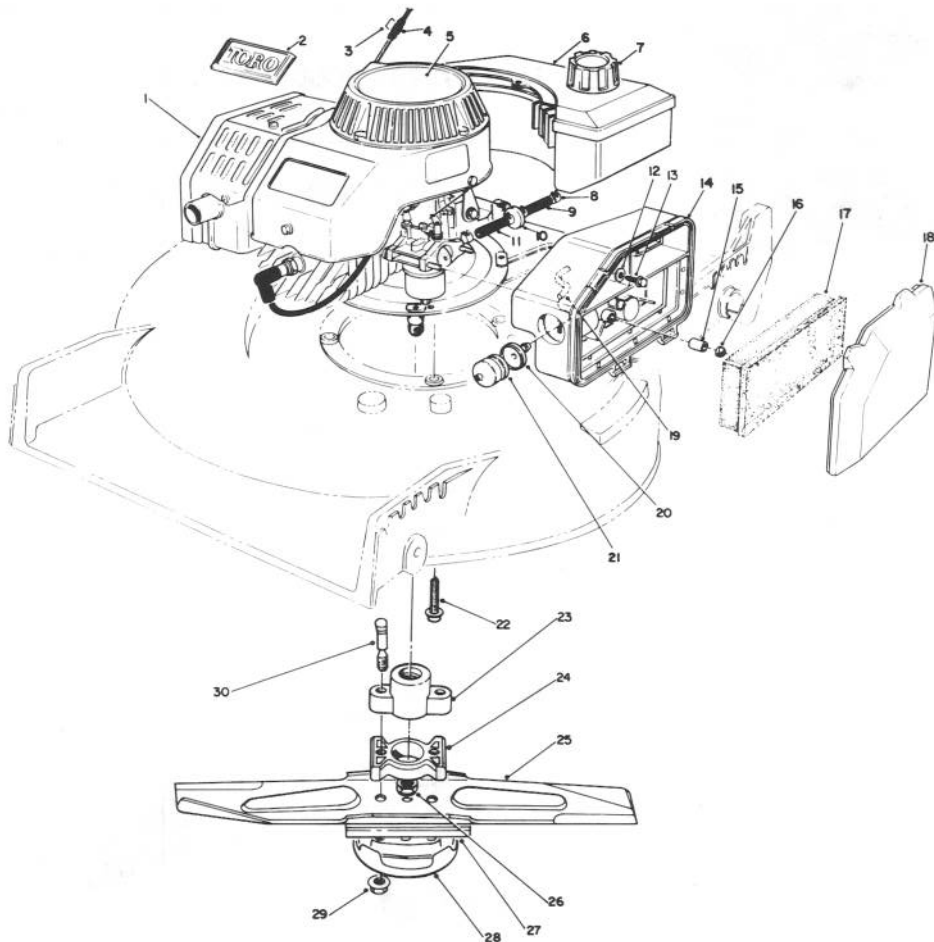
**PARTS
CATALOG****21" RECYCLER®**
Mower

C-1147

HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	71-0560	Spring Arm Ass'y - R.H.	2
2	25-7740	Knob - Spring Arm	4
3	76-2120	Plate - Kicker Rt. Front	1
4	76-2130	Plate - Kicker Left Front	1
5	32144-111	Screw - Pan Hd.	8
6	39-5770	Decal - Danger	1
7		Deflector - Recycler	1
8	46-6810	Screw - Hex Washer Hd. Thread Forming	1
9	14-4069	Cover Assembly Incl. Ref. #7 & 30)	1
10	46-6811	Screw w/Washer	3
11	82-8450	Decal - Danger	1
12	76-2160	Plate - Kicker Left Rear	1
13	2412-89	R-Clamp	1
14	32144-112	Screw - Hex Washer Hd. Self Tapping	1
15	33-3208	Rod - Shield	1

Ref. No.	Part No.	Description	No. Used
16	44-0580	Shield - Rear	1
17	76-2140	Plate - Kicker Right Rear	1
18	66-0561	Screw - Pivot	4
19	27-6250	Bushing - Wheel	8
20	27-6231	Bolt - Wheel	4
21	11-9509	Wheel & Tire Assembly (Incl. Ref. #19)	4
22	40-1940	Washer - Wheel	8
23	66-0580	Arm - Pivot	4
24	52-3620	Nut - Lock	8
25	71-0570	Spring Arm Ass'y - L.H.	2
26	32144-85	Screw - Hex Hd. Cap	4
27	76-1950	Decal - Deck	1
28	14-3499	Housing Assembly (Incl. Ref. #3, 4-6, 12, & 17)	1
29	71-0600	Decal - Toro	1
30		Screw - Pan	5

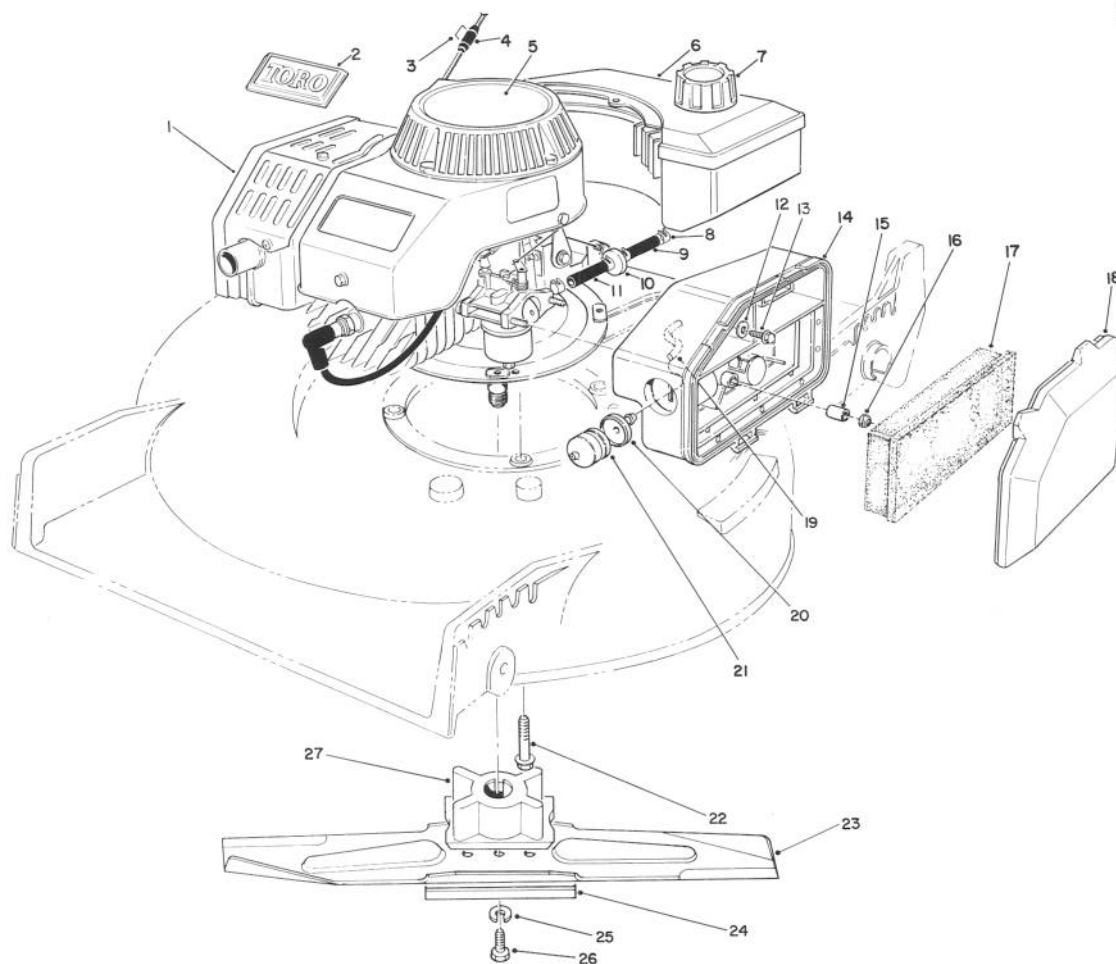


C-1148

ENGINE ASSEMBLY (Serial No. 2000001 – 2005000)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51-0403	Engine (Complete)	1	17	63-9380	Foam Element – Air Cleaner	1
2	46-8290	Plate – Toro Logo	1	18	63-9340	Cover – Air Cleaner	1
†3		Staple	1	19	44-3172	Hose – Primer	1
4	81-3980	Stop – Rope	1	20	44-2750	Body – Primer	1
5	66-0510	Decal – Recoil	1	21	66-7460	Bulb – Primer	1
6	81-0042	Fuel Tank Assembly	1	22	66-9300	Screw – Hex Flange Hd.	3
7	55-3575	Gas Cap Assembly	1	25	14-1659	Blade – 21" (Incl. Ref. #27)	1
8	2412-95	Clamp – Fuel Line	4	27	80-0510	Stiffener – Blade	1
9	51-3215	Line – Fuel	1	23	62-5920	Hub	1
10	56-6360	Filter – Fuel	1	26	3296-33	Nut – Lock	1
11	51-3216	Line – Fuel	1	24	62-4280	Spacer – Blade	1
12	3256-16	Washer – Flat	1	29	54-9190	Nut – Lock	2
13	51-2690	Screw – Hex Washer Hd.	1	28	80-2770	Cup – Anti-Scalp	1
14	63-9330	Air Cleaner	1	30	42-3190	Bolt – Blade	2
15	62-3980	Sleeve	2				
16	50-7180	Nut – Lock	2				

†Obtain Locally

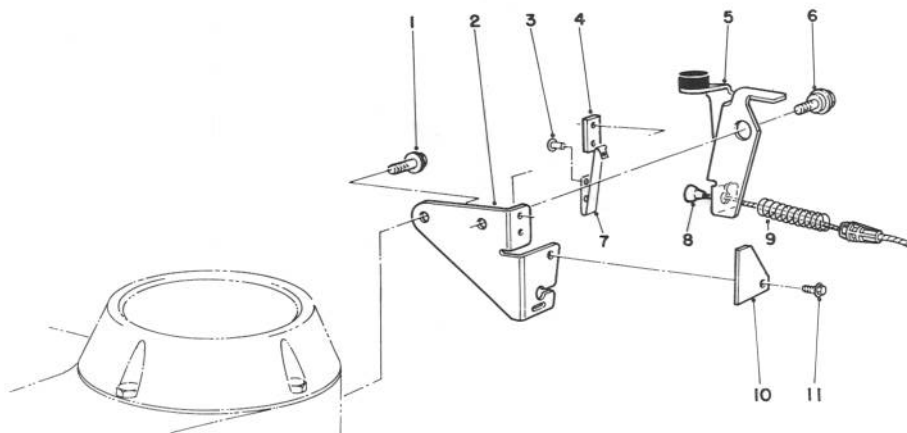


C-0608

ENGINE ASSEMBLY (Serial No. 2005001 & Up)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	51-0413	Engine (Complete)	1	15	62-3980	Sleeve	2
2	46-8290	Plate - Toro Logo	1	16	50-7180	Nut - Lock	2
†3		Staple	1	17	63-9380	Foam Element - Air Cleaner	1
4	81-3980	Stop - Rope	1	18	63-9340	Cover - Air Cleaner	1
5	66-0510	Decal - Recoil	1	19	44-3172	Hose - Primer	1
6	81-0042	Fuel Tank Assembly	1	20	44-2750	Body - Primer	1
7	55-3575	Gas Cap Assembly	1	21	66-7460	Bulb - Primer	1
8	2412-95	Clamp - Fuel Line	4	22	66-9300	Screw - Hex Flange Hd.	3
9	51-3215	Line - Fuel	1	23	14-1659	Blade - 21"	1
10	56-6360	Filter - Fuel	1			(Incl. Ref. #24)	
11	51-3216	Line - Fuel	1	24	80-0510	Stiffener - Blade	1
12	3256-16	Washer - Flat	1	25	3253-22	Washer - Lock	1
13	51-2690	Screw - Hex Washer Hd.	1	26	26-0670	Screw - Blade	1
14	63-9330	Air Cleaner	1	27	62-7540	Retainer - Blade	1

†Obtain Locally

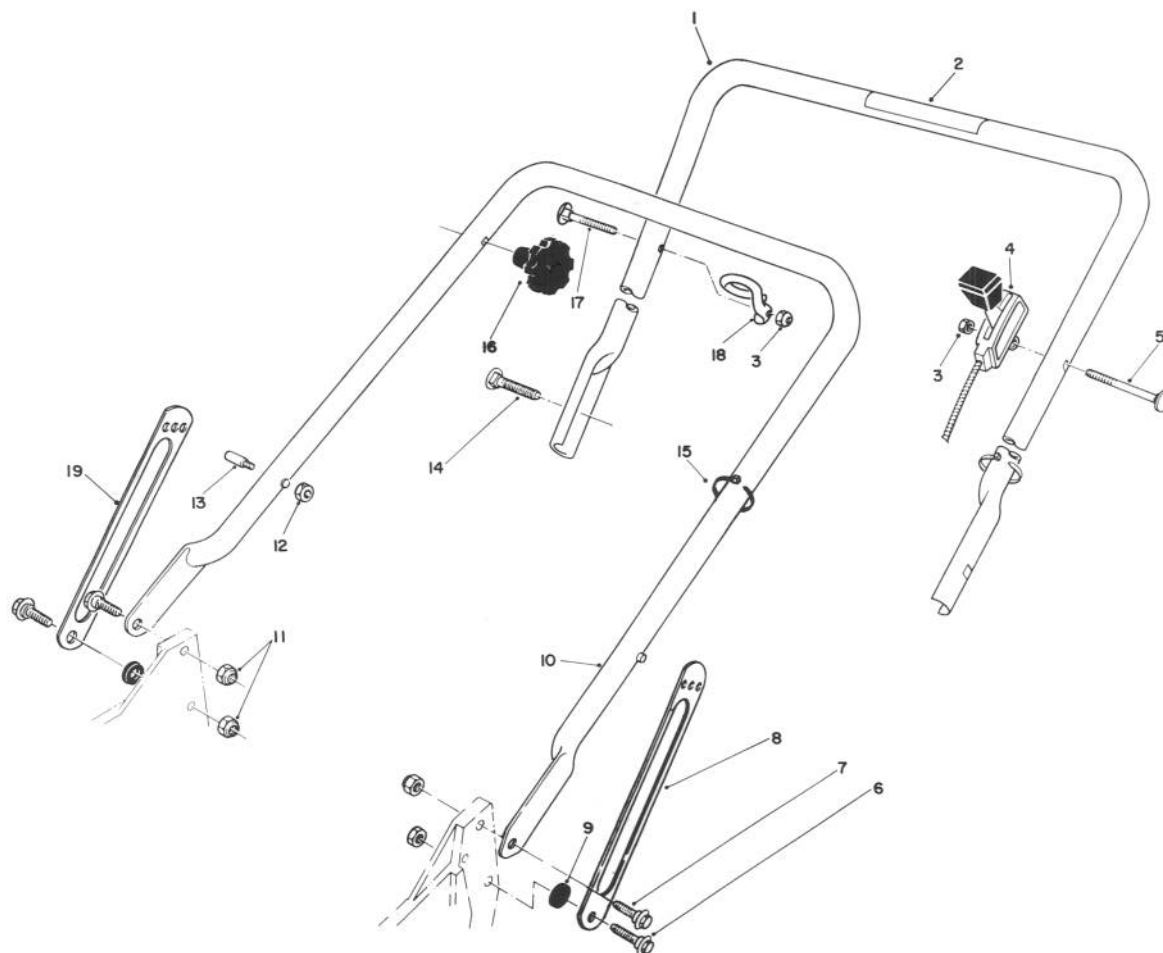


C-0531

BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46-0790	Screw - Self Tapping	1
2	84-7820	Plate - Mounting	1
3	3290-459	Rivet	2
4	77-5260	Strap - Insulation	1
5	66-5380	Brake Plate Assembly	1
6	56-6190	Screw - Shoulder Metric	1

Ref. No.	Part No.	Description	No. Used
7	60-9010	Strap - Ground	1
8	85-6901	Cable - Brake	1
9	66-5370	Spring - Compression	1
10	53-4690	Stop - Ground Strap	1
11	32144-112	Screw - Hex Washer Hd. Self Tapping	1

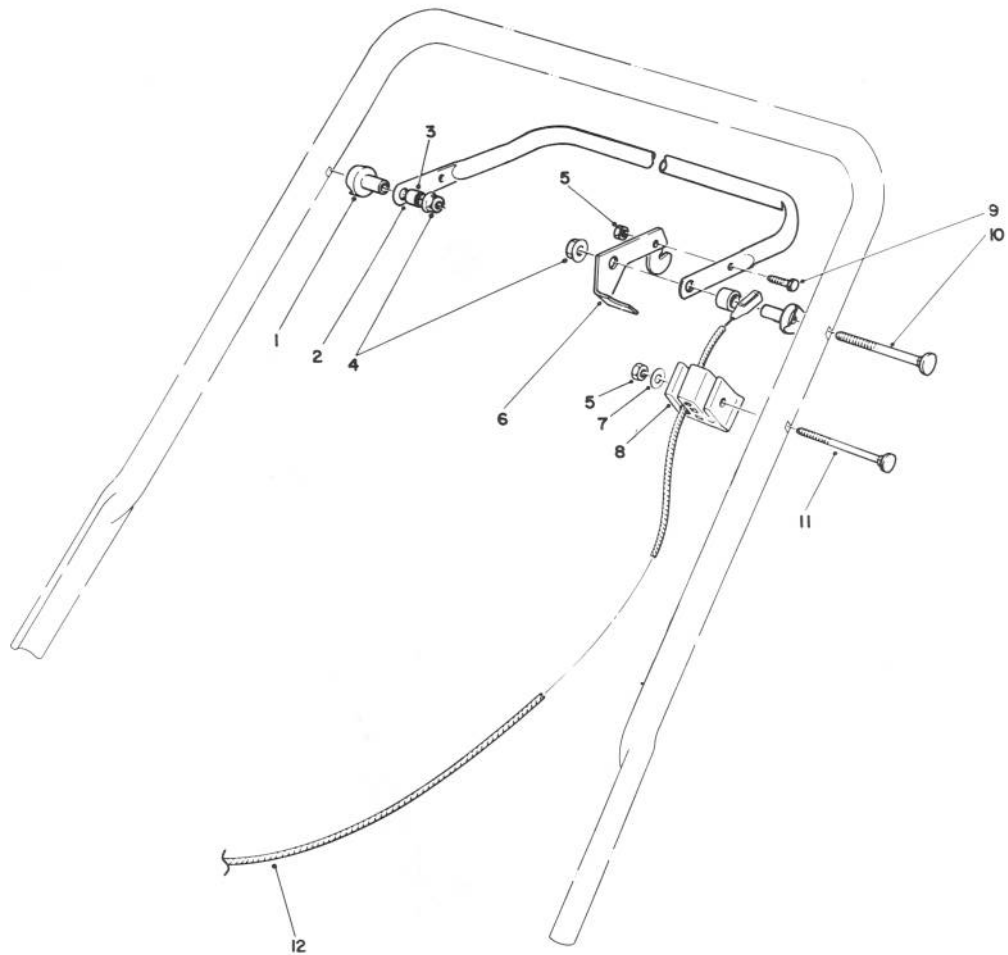


C-1168

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	14-0699	Handle - Upper (Incl Ref. #2)	1	9	3-3287	Spacer	2
2	56-6280	Decal - Warning	1	10	82-5530	Lower Handle Assembly	1
3	3296-42	Locknut	2	11	3296-29	Locknut	4
4	76-3248	Control - Throttle (Bend Type #1) (Sheath Lg. 42 5/8") (Wire Lg. 1-3/4")	1	†12	3296-47	Locknut	2
5	46-6430	Screw - Handle	1	†13	49-2750	Pin - Handle	2
6	27-7210	Screw - Shoulder	2	14	17-9421	Screw - Handle	2
7	27-7211	Screw - Shoulder	2	15	3290-378	Tie - Cable	2
8	84-8360	Latch - Handle L.H.	1	16	19-4050	Knob - Handle Release	2
				17	46-6433	Screw - Handle	1
				18	46-8080	Guide - Rope	1
				19	84-8400	Latch - Handle R.H.	1

†Service Replacement Parts

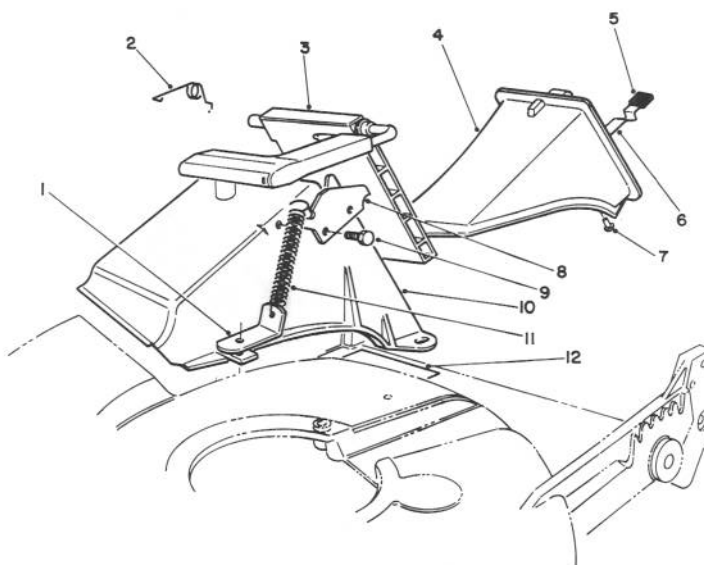


C-1149

TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	49-1630	Support - Spacer	2
2	71-3080	Bar - Control	1
3	256-276	Spacer - Nylon	2
4	3296-58	Locknut	2
5	3296-42	Locknut	2
6	66-5350	Lever - Control	1

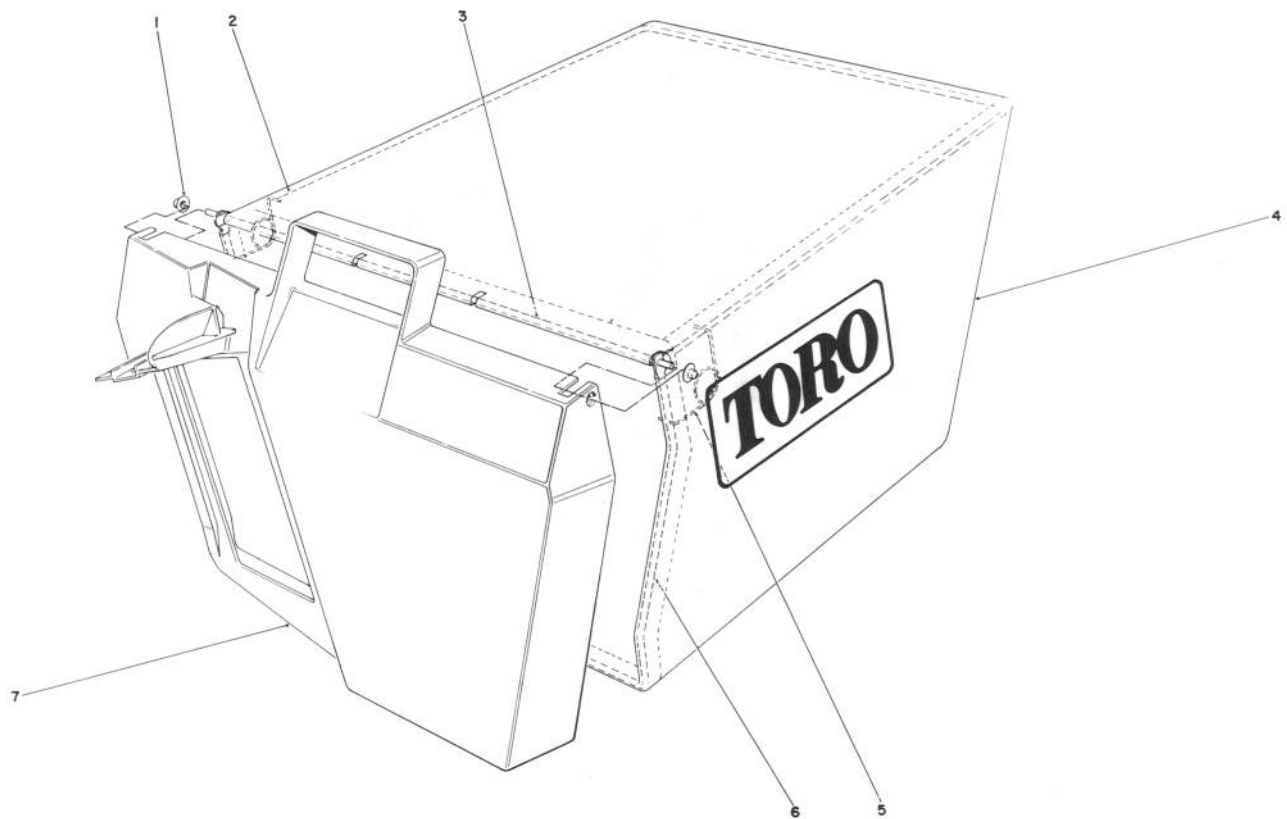
Ref. No.	Part No.	Description	No. Used
7	3256-22	Washer - Flat	1
8	46-6980	Support - Cable	1
9	321-3	Capscrew - Hex Hd.	1
10	17-9421	Screw - Handle	2
11	46-6434	Screw - Handle	1
12	85-6901	Cable - Brake	1



C-1170

RECYCLER BAGGING KIT MODEL NO. 59179 (OPTIONAL)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	80-3780	Bracket - Spring	1	7	3295-35	Rivet	1
2	80-3770	Retainer - Door	1	8	76-4570	Plate - Latch	1
3	77-0200	Discharge Door Assembly	1	9	46-8090	Screw - Hex Washer Hd. Self Tapping	2
4	77-0500	Plug Assembly (Incl. Ref. #5-7)	1	10	82-9150	Tunnel - Discharge	1
5	76-4650	Grip - Latch	1	11	76-4660	Spring - Door	1
6	76-4640	Latch - Plug	1	12	82-7960	Decal	1

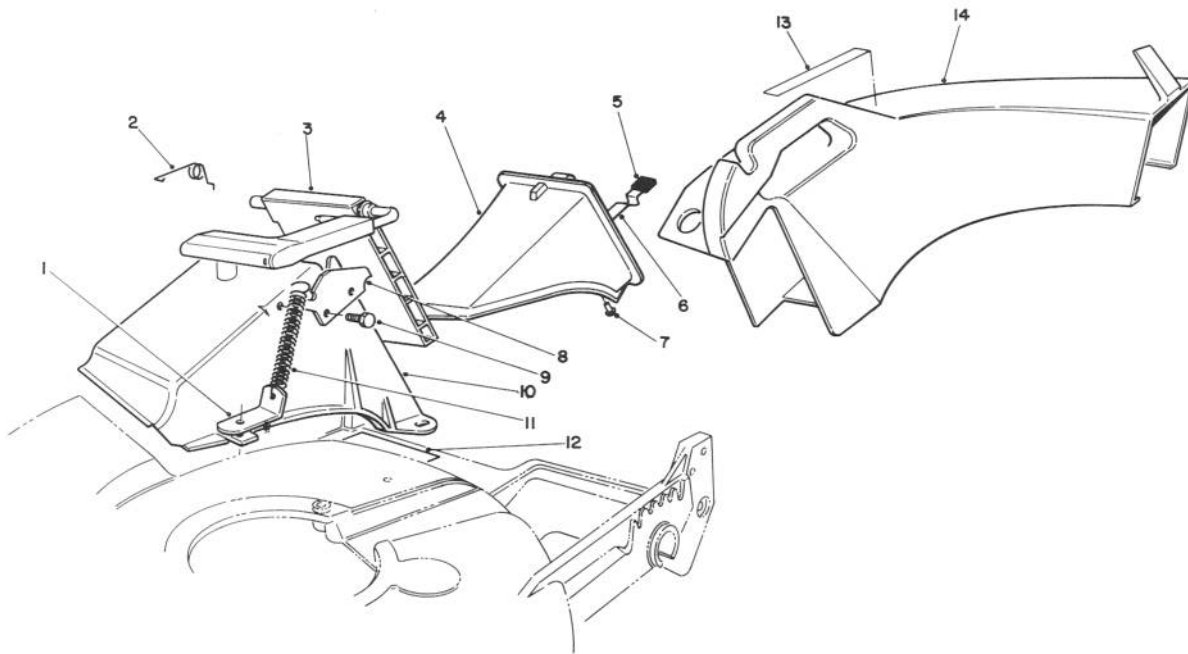


C-0301

RECYCLER BAGGING KIT MODEL NO. 59179 (CONTINUED) (OPTIONAL)

Ref. No.	Part No.	Description	No. Used
1	3290-422	Nut - Push	2
2	42-4030	Bag Frame - Upper	1
3	33-4820	Hinge - Bag Door	1
4	44-0522	Bag - Grass	1

Ref. No.	Part No.	Description	No. Used
5	36-6910	Spring	2
6	43-0030	Frame - Bag	1
7	36-1332	Door - Grass Bag	1

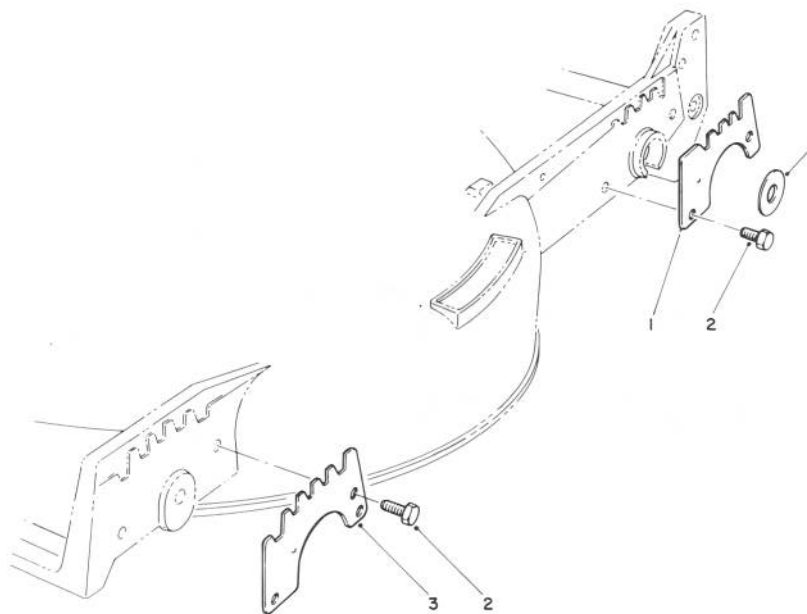


C-1035

RECYCLER SIDE DISCHARGE KIT MODEL NO. 59189 (OPTIONAL)

Ref. No.	Part No.	Description	No. Used
1	80-3780	Bracket - Spring	1
2	80-3770	Retainer - Door	1
3	77-0200	Discharge Door Assembly	1
4	77-0500	Plug Assembly (Incl. Ref. #5-7)	1
5	76-4650	Grip - Latch	1
6	76-4640	Latch - Plug	1
7	3295-35	Rivet	1
8	76-4570	Plate - Latch	1

Ref. No.	Part No.	Description	No. Used
9	46-8090	Screw - Hex Washer Hd. Self Tapping	2
10	82-9150	Tunnel - Discharge	1
11	76-4660	Spring - Door	1
12	85-7250	Decal - Caution	1
13	88-3320	Decal - Warning	1
14	59168	Chute - Discharge (Incl. Ref. #13)	1

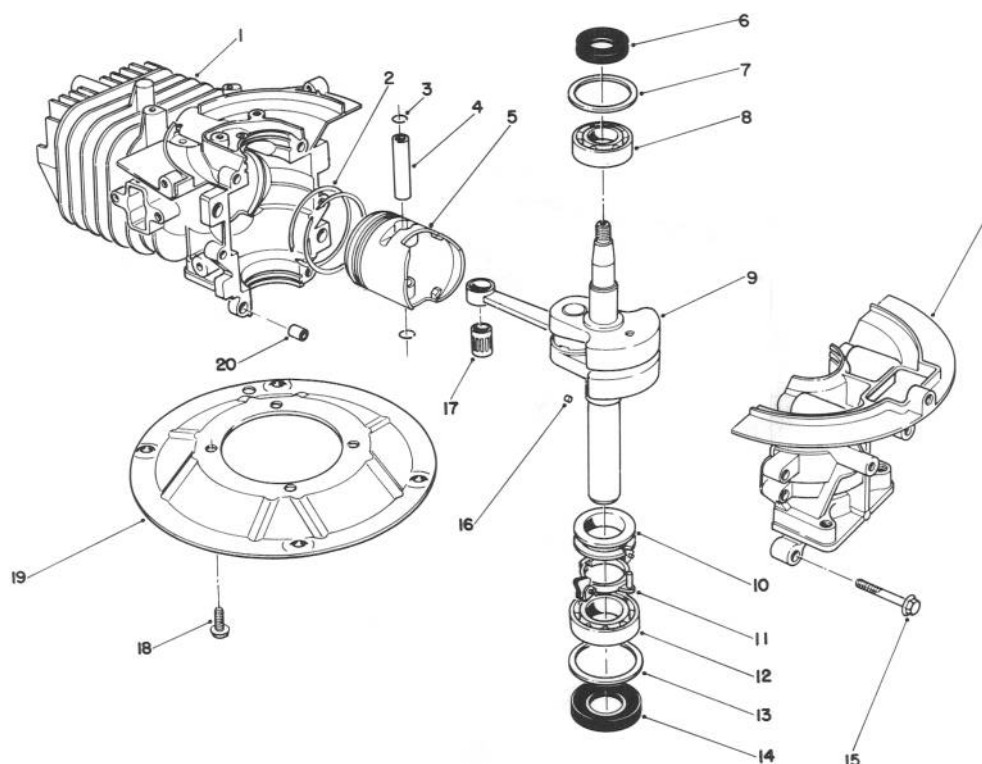


C-0304

WEAR PLATE MODEL NO. 49-4080 (OPTIONAL)

Ref. No.	Part No.	Description	No. Used
1	49-4070	Plate - Rear Wear	2
2	32104-17	Thread Forming Screw	8

Ref. No.	Part No.	Description	No. Used
3	43-5050	Plate - Wear Front	2
4	33-0390	Washer	2

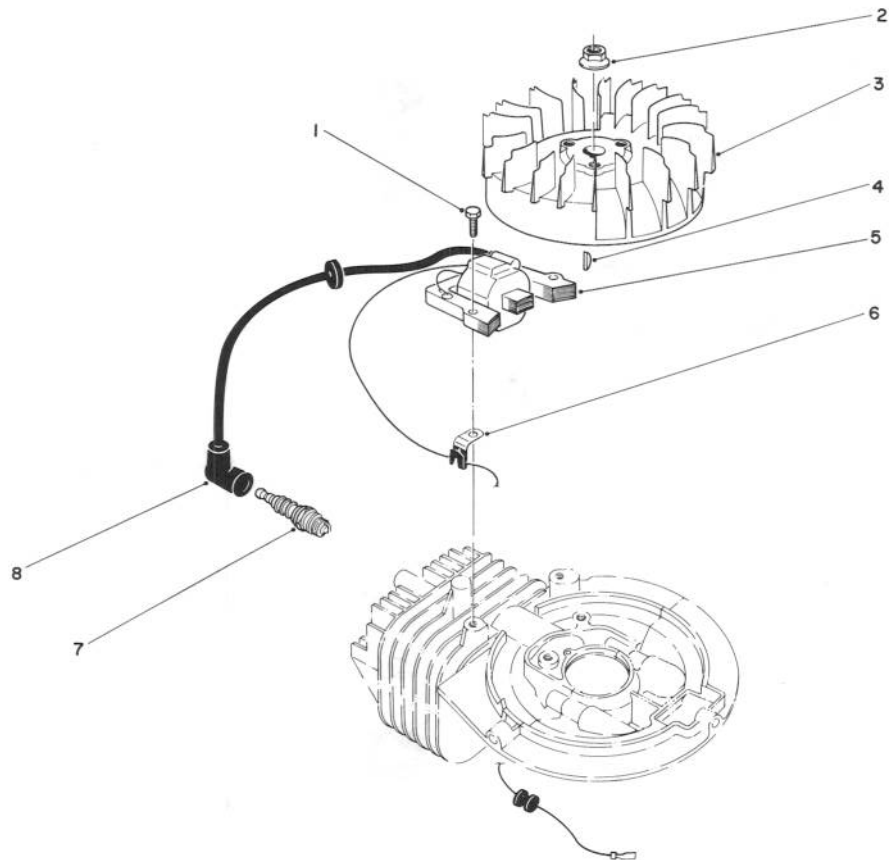


T-0663

CRANKSHAFT ASSEMBLY (Engine Model No. 47PM1-2) (Serial No. 2000001 - 2005000)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	81-2800	Crankcase/Cylinder Assy.	1	11	81-0750	Bracket - Governor Arm	1
2	81-0590	Piston Ring Set	1	12	81-0700	Bearing - Lower 25mm	1
3	81-0620	Circlip	2	13	81-0730	Washer - Thrust Lower	1
4	81-0600	Pin - Wrist	1	14	81-0740	Seal - Oil Lower	1
5	81-0580	Piston - 58mm	1	15	81-0540	Bolt	6
6	81-0720	Seal - Oil Upper	1	16	81-0760	Pin - Crankshaft	1
7	81-0710	Washer - Thrust Upper	1	17	81-0610	Bearing - Wrist Pin	1
8	81-0690	Bearing - Upper 20mm	1	18	81-0570	Bolt	4
9	81-4670	Crankshaft/Connecting Rod Assembly	1	19	81-0560	Plate - Mounting	1
10	81-0770	Collar - Governor	1	20	81-0520	Pin - Crankcase	2
				*	12-7719	Short Block (Model 47PM1)	1

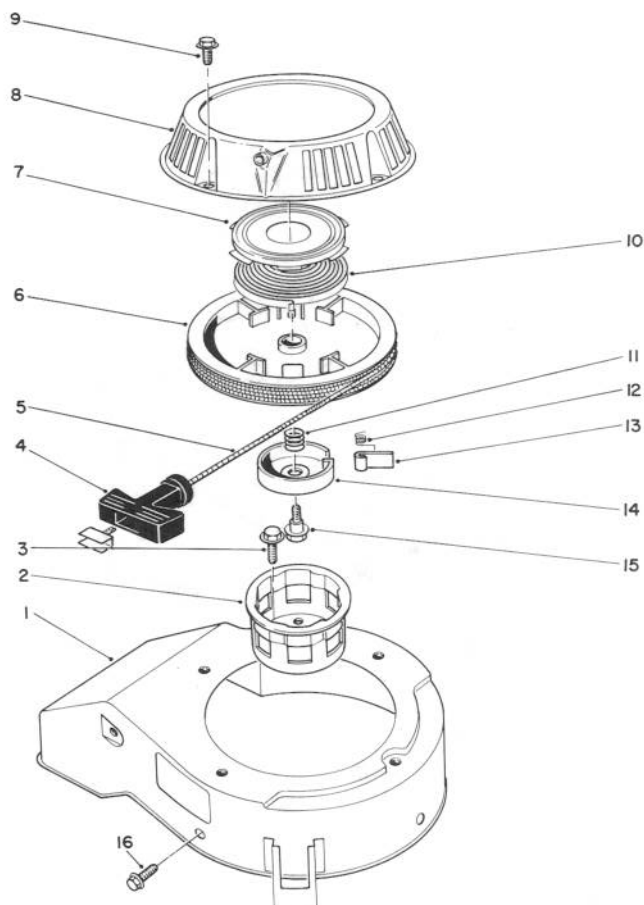
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C-0176

FLYWHEEL & MAGNETO ASSEMBLY
(Engine Model No. 47PM1-2)
(Serial No. 2000001 – 2005000)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	81-5670	Screw – Cap Hex. Hd	2	6	81-1480	Clamp	1
2	81-1330	Nut	1	7	81-0181	Spark – Plug	1
3	81-2810	Flywheel – Magneto	1	8	81-1500	Cover – Spark Plug	1
4	81-2370	Key – Flywheel	1	*	41-7650	Puller – Flywheel	1
5	81-2820	Coil/Ignition Assembly	1				



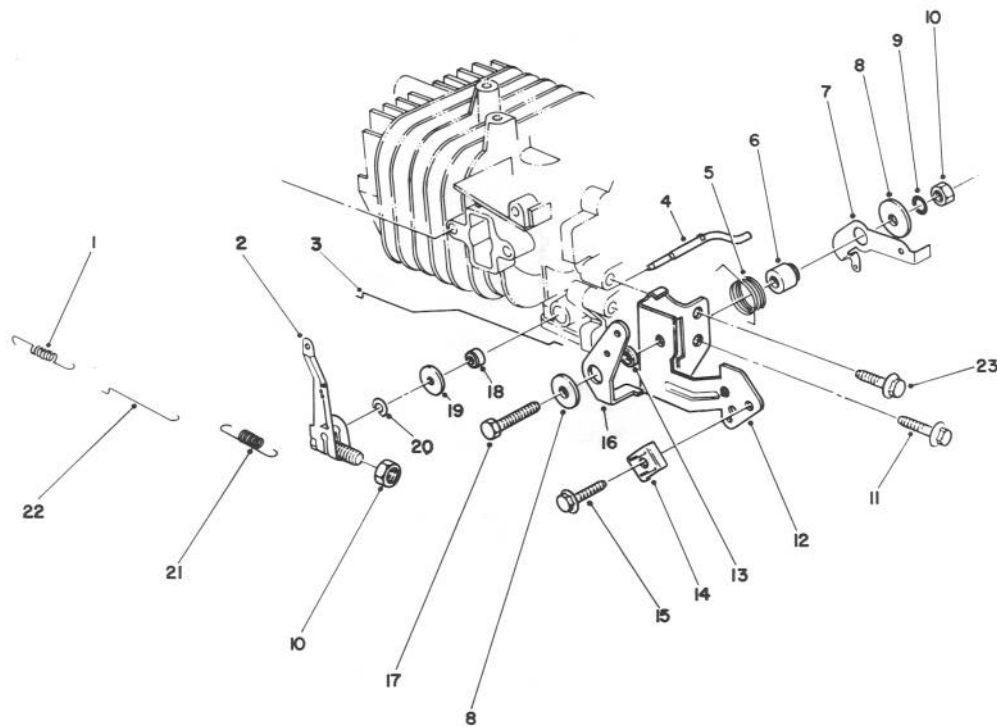
T-0668

RECOIL ASSEMBLY (Engine Model No. 47PM1-2) (Serial No. 2000001 - 2005000)

Ref. No.	Part No.	Description	No. Used
1	81-2070	Cover - Cooling Fan	1
2	81-1290	Cup - Starter Pulley	1
3	81-1300	Bolt	3
4	81-1630	Handle - Recoil	1
5	81-1270	Rope	1
6	81-1210	Reel - Rope Pulley	1
7		Retainer - Recoil Spring	1
8	81-2090	Case - Recoil	1
9	81-1280	Bolt	4
10		Spring - Recoil	1
11	81-1240	Spring - Compression	1

Ref. No.	Part No.	Description	No. Used
12	81-1220	Spring - Dog	1
13	81-1230	Dog	1
14	81-1250	Retainer - Dog	1
15	81-1260	Bolt - Shoulder	1
16	81-1170	Bolt - Self Tapping	3
*	81-5480	Recoil Starter Assembly (Incl. Ref. #4-8 & 10-17)	1
*	81-2300	Spring & Retainer Assembly (Incl. Ref. #7 & 10)	1
*	81-2040	Recoil Ass'y (Incl. Ref. #2-15, & 17)	1

*Not Illustrated

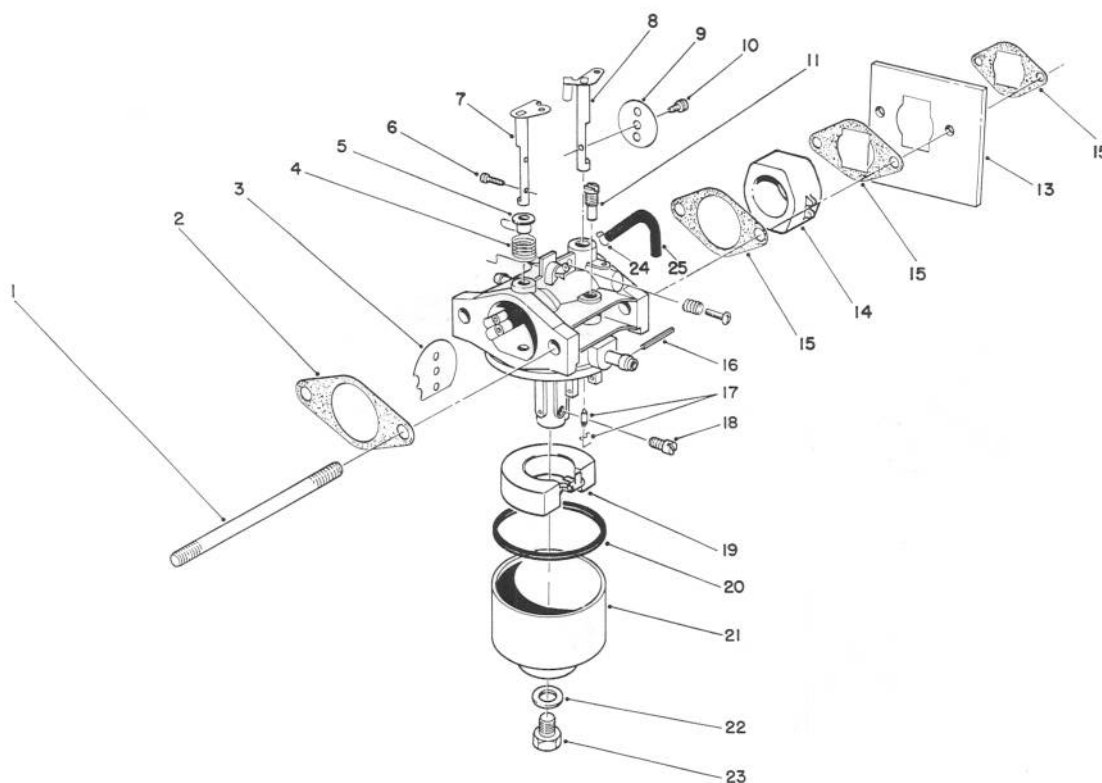


C-1169

GOVERNOR ASSEMBLY (Engine Model No. 47PM1-2) (Serial No. 2000001 – 2005000)

Ref. No.	Part No.	Description	No. Used
1	81-0920	Spring – Carburetor Rod	1
2	81-5420	Governor Arm/Bolt Assy.	1
3	81-5410	Rod – Choke	1
4	81-0840	Shaft – Governor	1
5	81-2460	Spring – Choke Lever	1
6	81-1770	Spacer – Governor Lever	1
7	81-2850	Lever – Governor	1
8	81-1750	Washer – Choke Lever	2
9	81-1450	Washer – Lock	1
10	81-0900	Nut	2
11	81-1170	Bolt – Self Tapping	1
12	81-2420	Bracket – Throttle	1

Ref. No.	Part No.	Description	No. Used
13	81-2470	Spacer – Choke Lever	1
14	81-2430	Clamp – Cable	1
15	50-0130	Bolt – Cable Clamp	1
16	81-1710	Lever – Choke	1
17	81-1730	Bolt – Throttle Bracket	1
18	81-0850	Seal – Governor Shaft	1
19	81-0860	Washer	1
20	81-0870	Ring – Retaining	1
21	81-2830	Spring – Governor	1
22	81-0910	Rod – Carburetor	1
23	81-0540	Bolt – Self Tapping	1



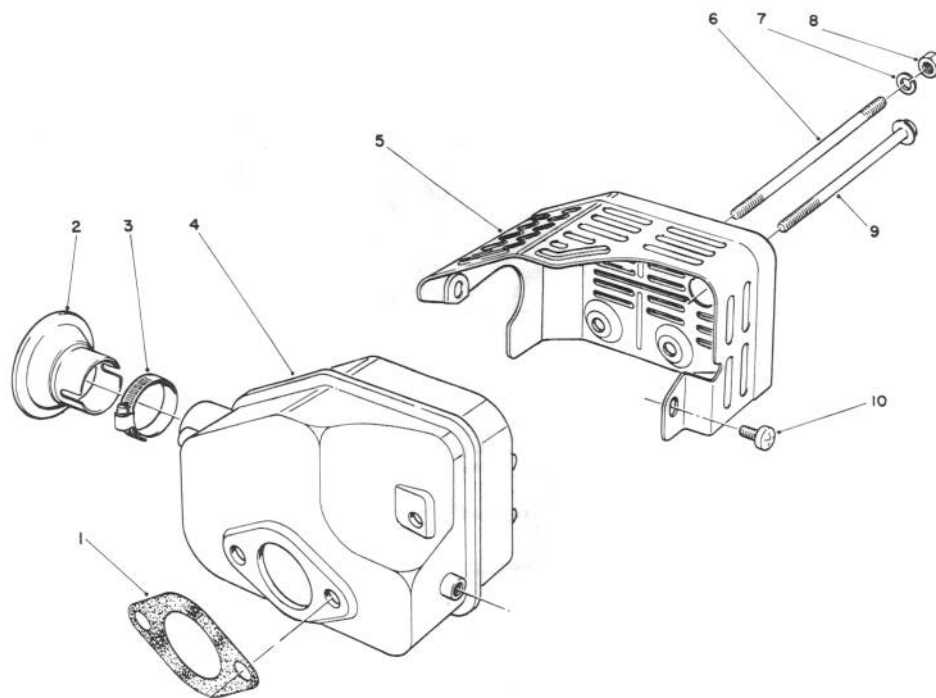
T-0665

CARBURETOR ASSEMBLY (Engine Model No. 47PM1-2) (Serial No. 2000001 - 2005000)

Ref. No.	Part No.	Description	No. Used
1	81-5450	Stud - Carburetor Bolt	2
2	81-0090	Gasket - Air Cleaner	1
3	81-0240	Valve - Choke	1
4	81-0230	Spring - Choke	1
5	81-0220	Bushing - Choke Valve	1
6	81-2160	Screw	2
7	81-1950	Shaft - Choke	1
8	81-0250	Shaft - Throttle	1
9	81-0260	Valve - Throttle	1
10	81-0270	Screw - Throttle Valve	1
11	81-1030	Jet - Pilot (#40)	1
13	81-5490	Shield - Carburetor	1
14	81-5440	Insulator - Carburetor	1
15	81-0780	Gasket	3
16	81-5600	Pin	1
17	81-4910	Needle Valve/Spring Wire	1

Ref. No.	Part No.	Description	No. Used
18	81-1060	Jet - Main (#75)	1
*	81-2340	Jet - Main (#72.5) High Alt. (Above 6000 ft.) Optional	1
19	81-0970	Float	1
20	81-1010	Gasket - Float Bowl	1
21	81-5660	Bowl - Float	1
22	81-1020	Gasket - Float Bowl Drain	1
23	81-5670	Screw - Float Bowl Drain	1
24	81-5460	Clamp - Vent Tube	1
25	81-5470	Tube - Vent	1
*	12-6379	Carburetor Kit (Incl. Ref. #2, 15, 17, 20 & 22)	1
*	81-5740	Carburetor Assy. Complete	1
*	81-5810	Needle Valve Kit (Incl. Valve Seat & Ref. #17)	1

*Not Illustrated



T-0667

MUFFLER ASSEMBLY

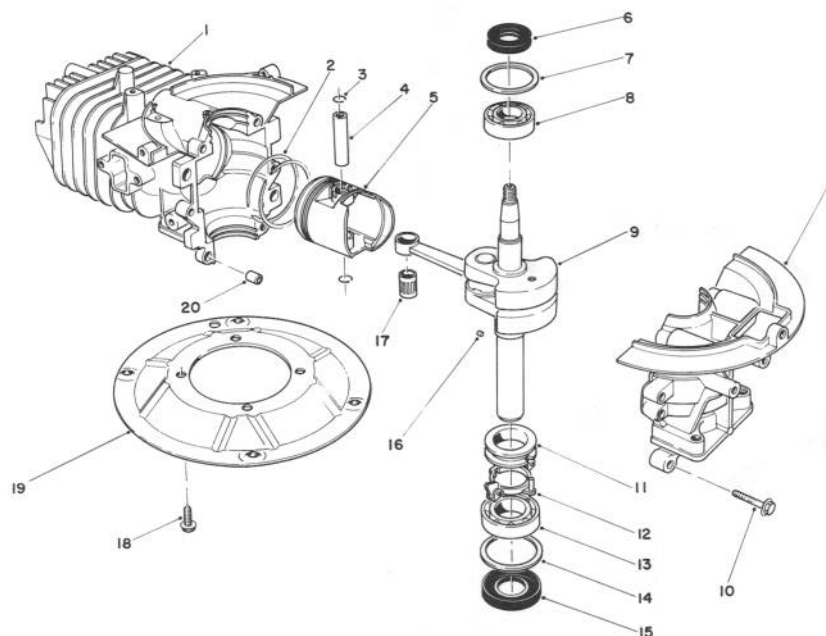
(Engine Model No. 47PM1-2)

(Serial No. 2000001 – 2005000)

Ref. No.	Part No.	Description	No. Used
1	81-1080	Gasket – Muffler	1
2	81-0200	Spark Arrester (Optional)	1
†3		Clamp	1
4	81-5690	Muffler	1
5	81-2450	Cover – Muffler	1

Ref. No.	Part No.	Description	No. Used
6	81-1100	Bolt	2
7	81-1120	Washer – Lock	2
8	81-1110	Nut	2
9	81-1150	Bolt – Self Tapping	1
10	81-1140	Screw – Phillips Hd	2

†Obtain Locally



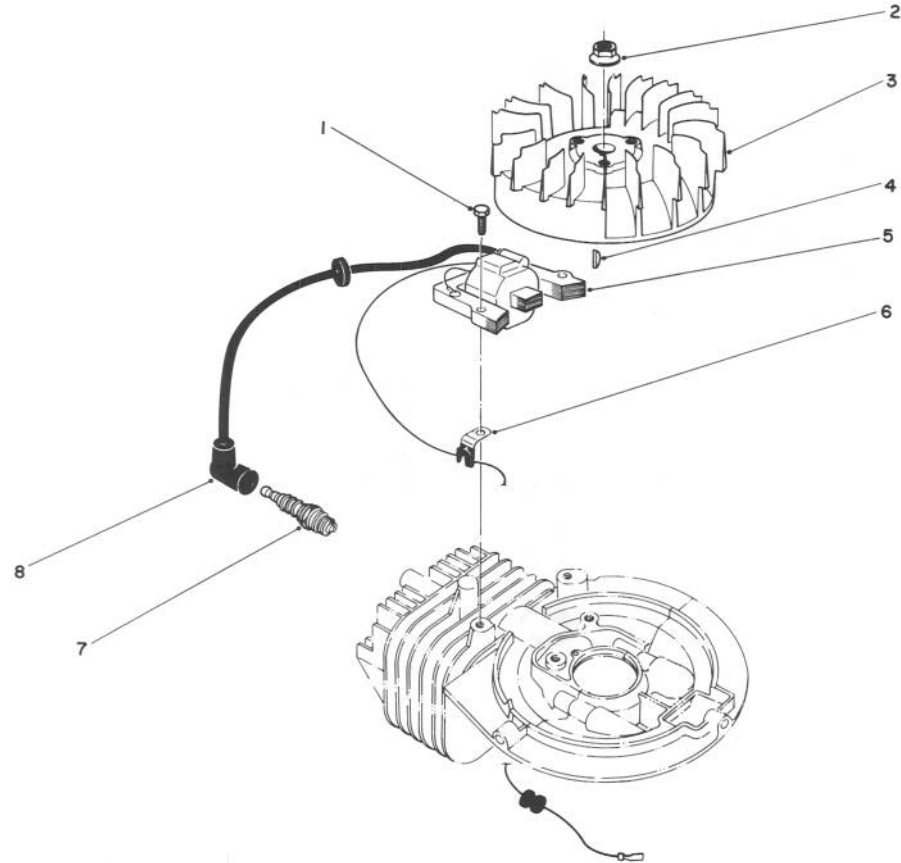
C-0190

CRANK SHAFT ASSEMBLY (Engine Model No. 47PM1-1) (Serial No. 2005001 & UP)

Ref. No.	Part No.	Description	No. Used
1	81-2800	Crankcase/Cylinder Ass'y	1
2	81-0590	Ring Set	1
3	81-0620	Circlip	2
4	81-0600	Pin - Wrist	1
5	81-0580	Piston (58mm)	1
6	81-0720	Oil Seal - Upper	1
7	81-0710	Thrust Washer - Upper	1
8	81-0690	Bearing - Upper (20mm)	1
9	81-4600	Crankshaft/Connecting Rod Assembly	1
10	81-0540	Bolt (30mm Lg.)	6

Ref. No.	Part No.	Description	No. Used
11	81-0770	Spacer - Governor	1
12	81-0750	Bracket - Governor Arm	1
13	81-0700	Bearing - Lower (25mm)	1
14	81-0730	Thrust Washer - Lower	1
15	81-0740	Oil Seal - Lower	1
16	81-0760	Pin - Crankshaft	1
17	81-0610	Bearing - Wrist Pin	1
18	81-0570	Bolt (20mm Lg.)	4
19	81-0560	Plate - Mounting	1
20	81-0520	Pin - Crankcase	2
*	12-7699	Short Block Assembly	1

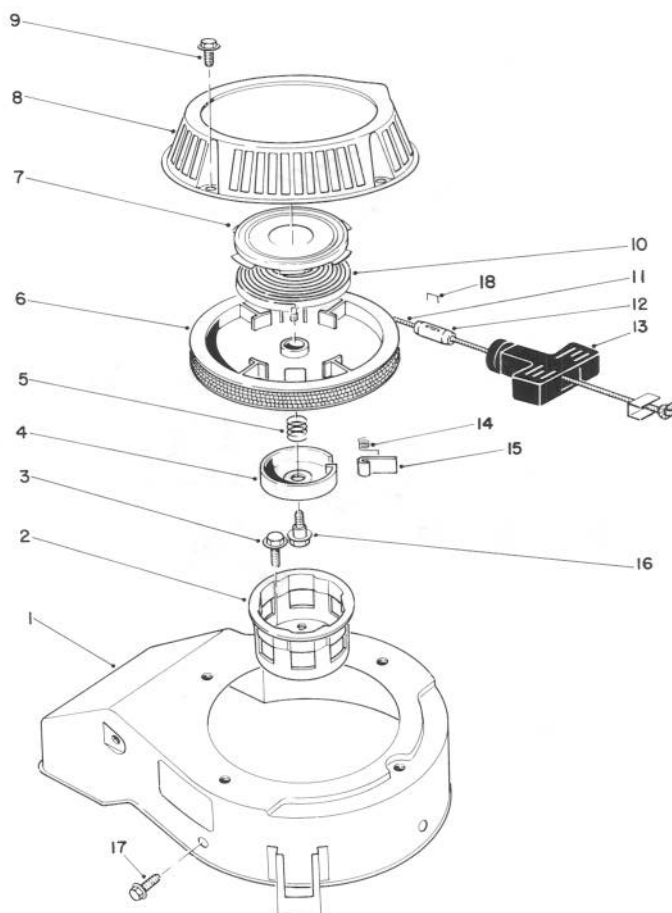
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C-0176

IGNITION ASSEMBLY
(Engine Model No. 47PM1-1)
(Serial No. 2005001 & UP)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	81-5680	Capscrew - Hex Hd.	2	6	81-1480	Clamp	1
2	81-1330	Nut	1	7	81-0181	Spark Plug	1
3	81-2810	Flywheel - Magneto	1	8	81-1500	Cover - Spark Plug	1
4	81-2370	Key - Flywheel	1	*	41-7650	Puller - Flywheel	1
5	81-2820	Coil/Ignition Assembly	1				

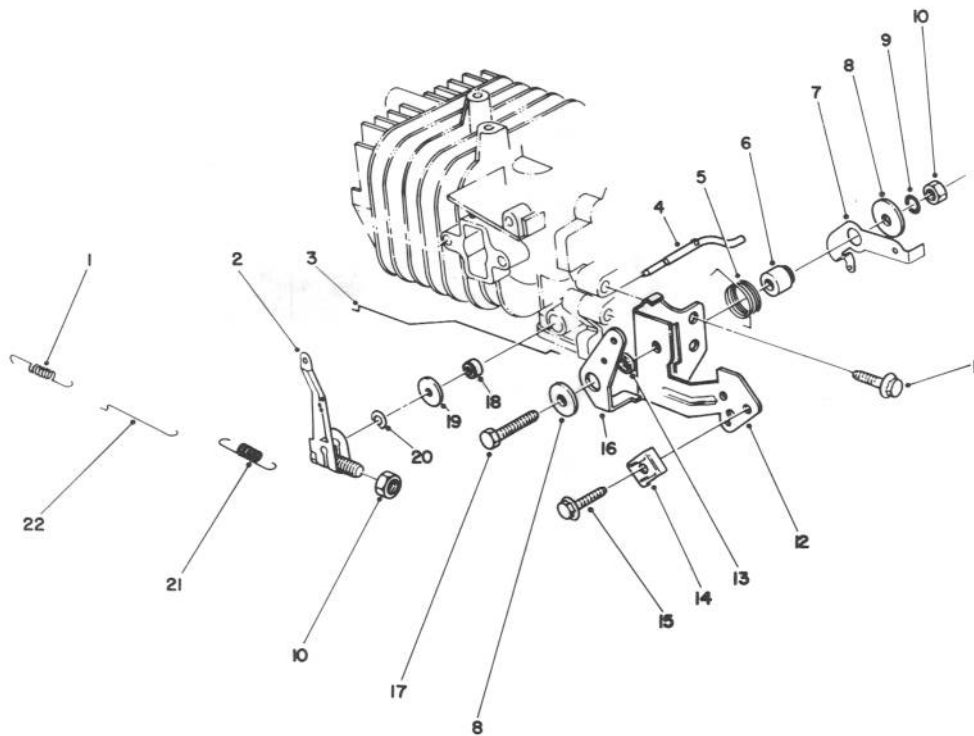


C-0178

RECOIL ASSEMBLY (Engine Model No. 47PM1-1) (Serial No. 2005001 & UP)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	81-2070	Cover - Cooling Fan	1	13	81-1630	Handle - Recoil	1
2	81-1290	Pulley - Starter Cup	1	14	81-1220	Spring - Dog	1
3	81-1300	Bolt (16mm Lg.)	3	15	81-1230	Dog	1
4	81-1250	Retainer - Dog	1	16	81-1260	Bolt - Shoulder	1
5	81-1240	Spring - Compression	1	17	81-1170	Bolt - Self Tapping (15mm Lg.)	3
6	81-1210	Reel - Rope Pulley	1	†18		Staple	1
7		Retainer Cup - Recoil Spring	1	*	81-2040	Starter Assembly (Incl. Ref. #4-16)	1
8	81-2090	Case - Recoil	1	*	81-2300	Spring & Retainer (Incl. Ref. #6 & 9)	1
9	81-1280	Bolt	4				
10		Spring - Recoil	1				
11	81-1270	Rope	1				
12	81-3980	Stop - Recoil	1				

*Not Illustrated

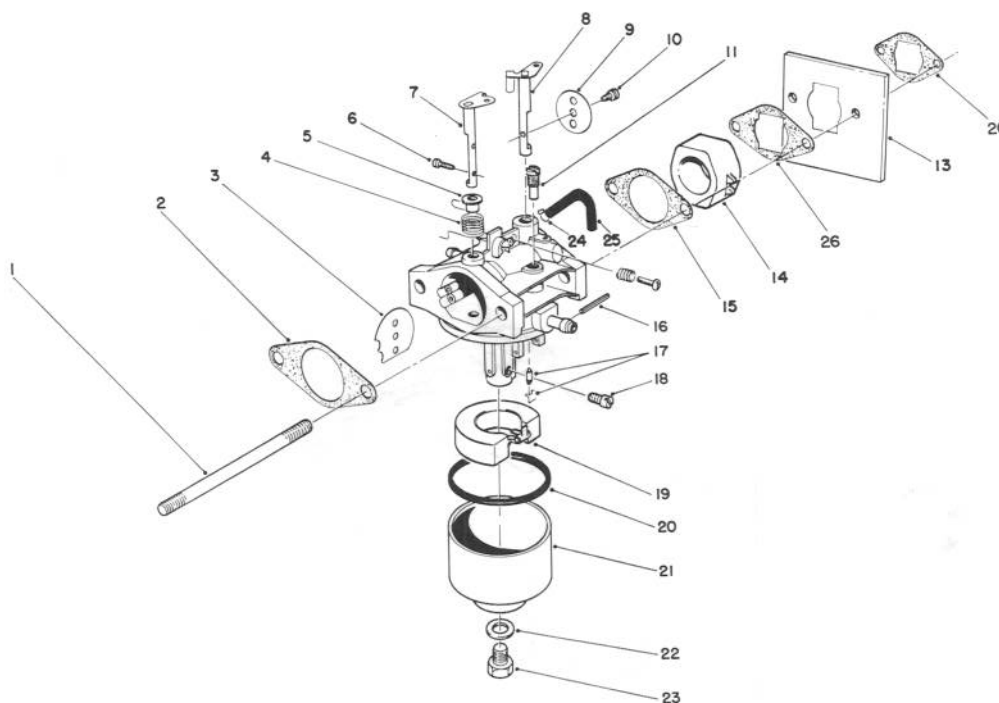


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GOVERNOR ASSEMBLY (Engine Model No. 47PM1-1) (Serial No. 2005001 & UP)

Ref. No.	Part No.	Description	No. Used
1	81-0920	Spring - Carburetor Rod	1
2	81-5420	Governor Arm/Bolt Ass'y	1
3	81-5410	Rod - Choke	1
4	81-2880	Shaft - Governor	1
5	81-2460	Spring - Choke Control Lever	1
6	81-1770	Spacer - Governor Spring Lever	1
7	81-2850	Lever - Governor Spring	1
8	81-1750	Washer - Choke Control Lever	2
9	81-1450	Washer - Lock	1
10	81-0900	Nut	2
11	81-1170	Bolt - Self Tapping (15mm Lg.)	1

Ref. No.	Part No.	Description	No. Used
12	81-2420	Bracket - Throttle Control	1
13	81-2470	Spacer - Choke Control Lever	1
14	81-2430	Clamp - Cable	1
15	50-0130	Bolt - Cable Clamp	1
16	81-1710	Lever - Choke Control	1
17	81-1730	Bolt - Throttle Control Brkt.	1
18	81-0850	Oil Seal - Governor Shaft	1
19	81-0860	Washer	1
20	81-0870	E-Ring	1
21	81-2830	Spring - Governor	1
22	81-0910	Rod - Carburetor	1

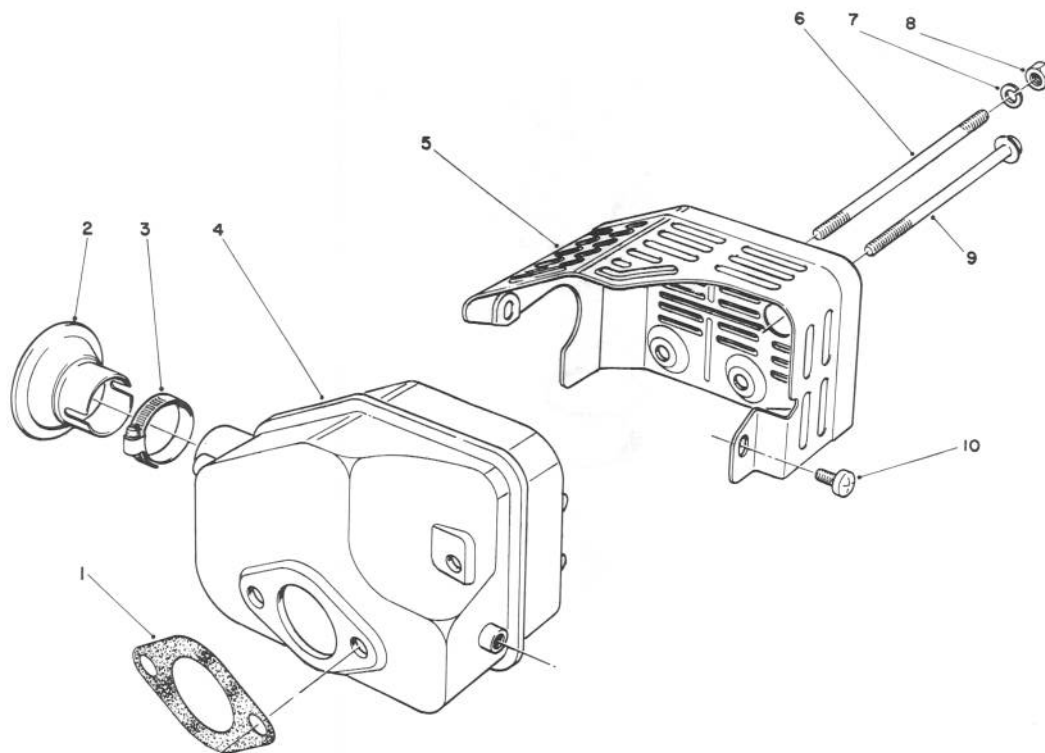


C-0191

CARBURETOR ASSEMBLY (Engine Model No. 47PM1-1) (Serial No. 2005001 & UP)

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	81-5450	Stud Bolt - Carburetor	2	*	81-2340	Jet - Main (#72.5) High Alt., Above 6000 (Optional)	1
2	81-0090	Gasket	1	19	81-0970	Float	1
3	81-0240	Valve - Choke	1	20	81-1010	Gasket - Float Bowl	1
4	81-0230	Spring - Choke	1	21	81-5660	Bowl - Float	1
5	81-0220	Bushing - Choke Valve	1	22	81-1020	Gasket - Bowl Screw	1
6	81-2160	Screw	2	23	81-5670	Screw - Bowl	1
7	81-1950	Shaft - Choke	1	24	81-5460	Clamp - Vent Tube	1
8	81-0250	Shaft - Throttle	1	25	81-5470	Tube - Vent	1
9	81-0260	Valve - Throttle	1	26	81-2320	Gasket	2
10	81-0270	Screw - Throttle Valve	1	*	12-6379	Carburetor Kit (Incl. Ref. #2, 15, 17, 20, & 22)	1
11	81-1030	Jet - Pilot (#40)	1	*	81-5430	Carburetor Assembly - Complete	1
13	81-5490	Shield - Carburetor	1	*	81-5810	Needle Valve Seat Kit (Incl. Ref. #17)	1
14	81-5440	Insulator - Carburetor	1				
15	81-0780	Gasket	1				
16	81-5600	Pin	1				
17	81-4910	Needle Valve/Spring Wire	1				
18	81-1060	Jet - Main (#75)	1				

*Not Illustrated



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MUFFLER ASSEMBLY (Engine Model No. 47PM1-1) (Serial No. 2005001 & UP)

Ref. No.	Part No.	Description	No. Used
1	81-1080	Gasket - Muffler	1
*2	81-0200	Spark Arrester	1
†3		Clamp	1
4	81-5690	Muffler	1
5	81-2450	Cover - Muffler	1

Ref. No.	Part No.	Description	No. Used
6	81-1100	Bolt	2
7	81-1120	Washer - Lock	2
8	81-1110	Nut	2
9	81-1150	Bolt - Self Tapping	1
10	81-1140	Screw - Phillips Hd.	2

*Optional Equipment

† Obtain Locally

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

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

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