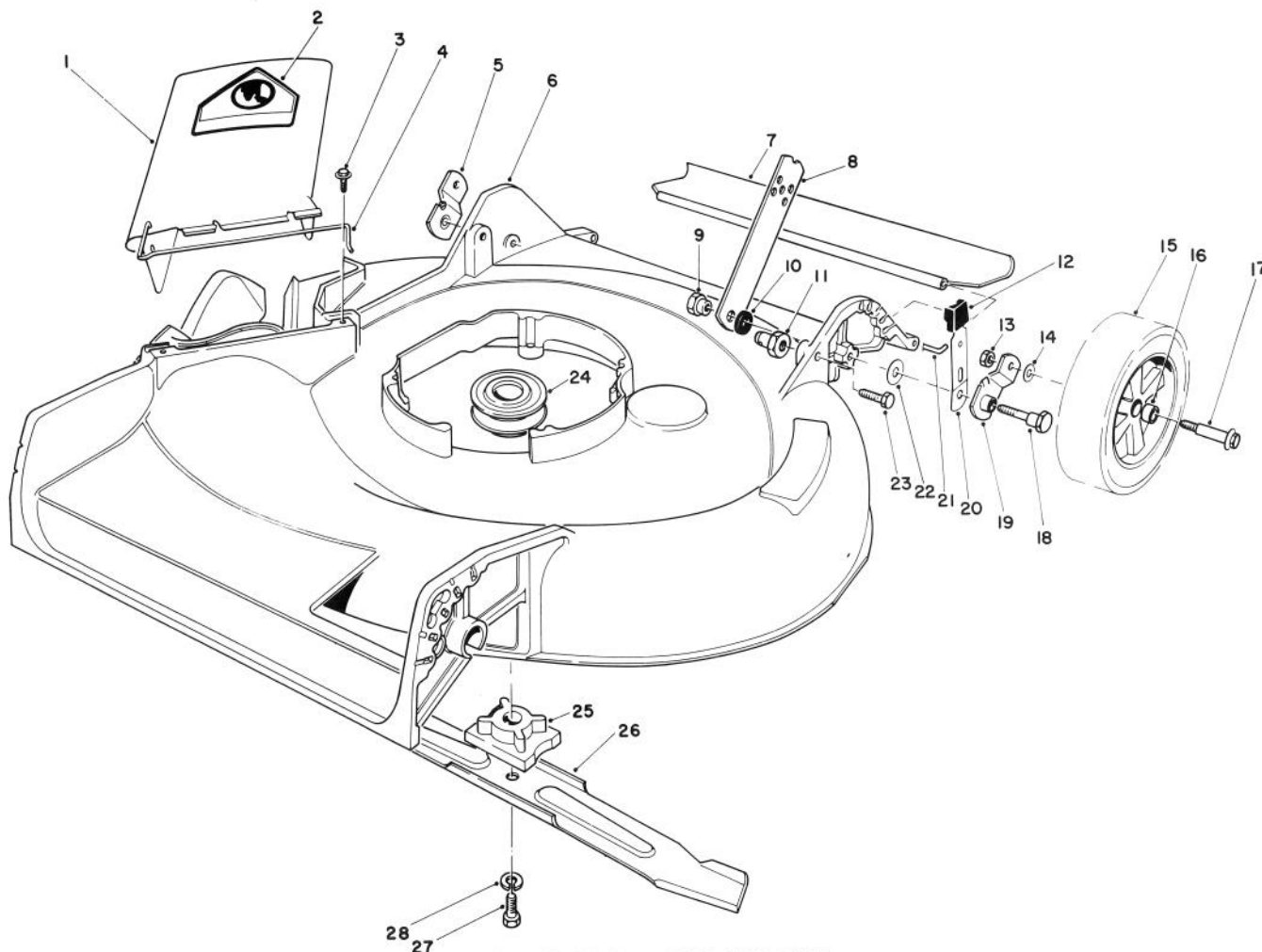




MODEL NO. 16785-8000001

PARTS CATALOG

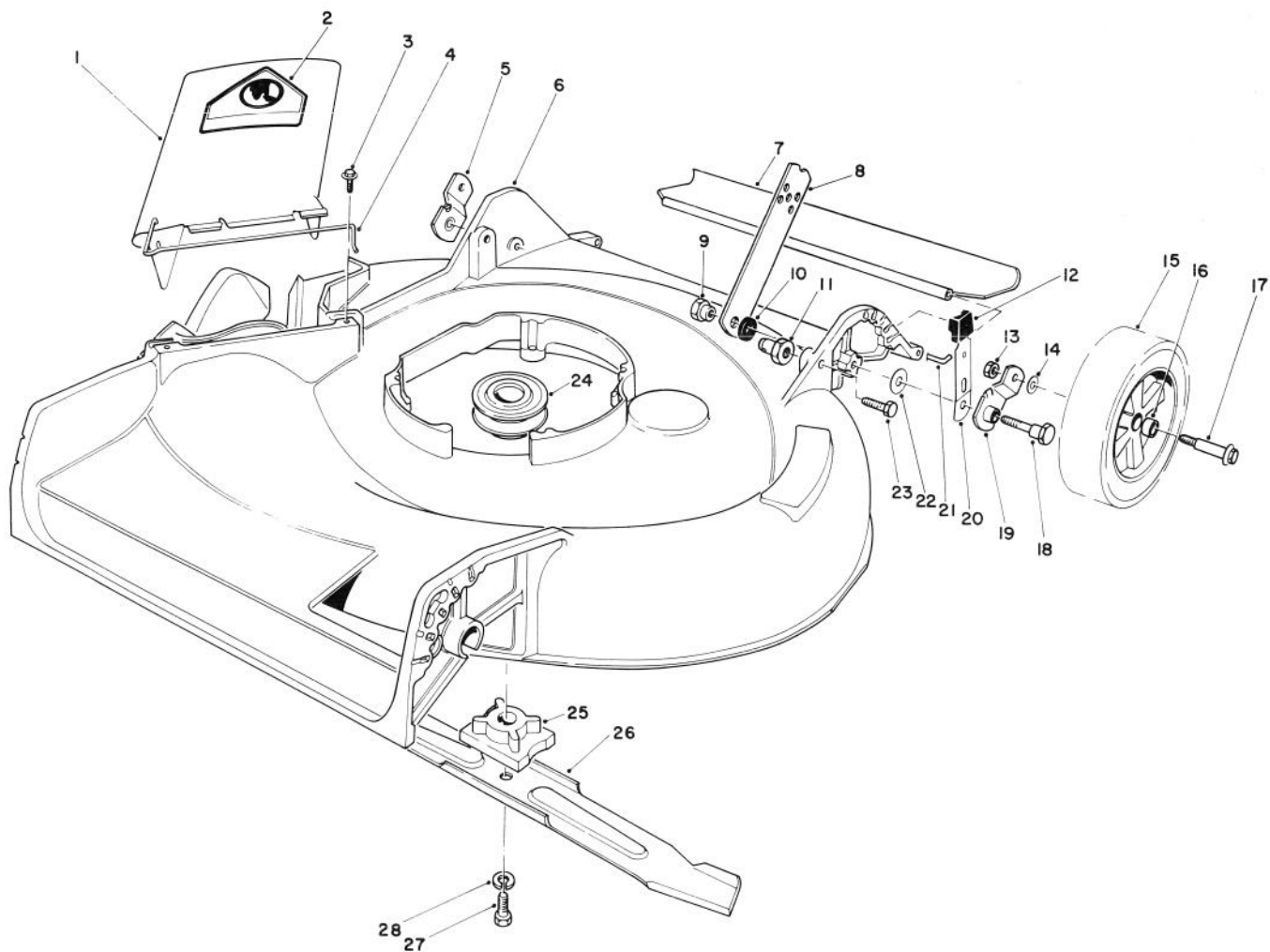
21" S.P. SIDE DISCHARGE



HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	27-7817	Deflector Assembly (Incl. Ref. #2 & 4)	1
2	39-5770	Decal — Danger	1
3	46-6811	Screw w/Washer	2
4	20-2640	Spring Hinge	1
5	20-2130	Pivot Arm Assembly "B"	1
6	11-4639	Housing — 21"	1
7	22-4950	Shield — Rear	1
8	27-7080	Latch — Handle	2
9	27-6520	Nut — Shoulder	2
10	3-3287	Spacer — Handle Latch	2
11	12-2080	Nut — Shoulder	2
12	25-7740	Knob — Spring Arm	2

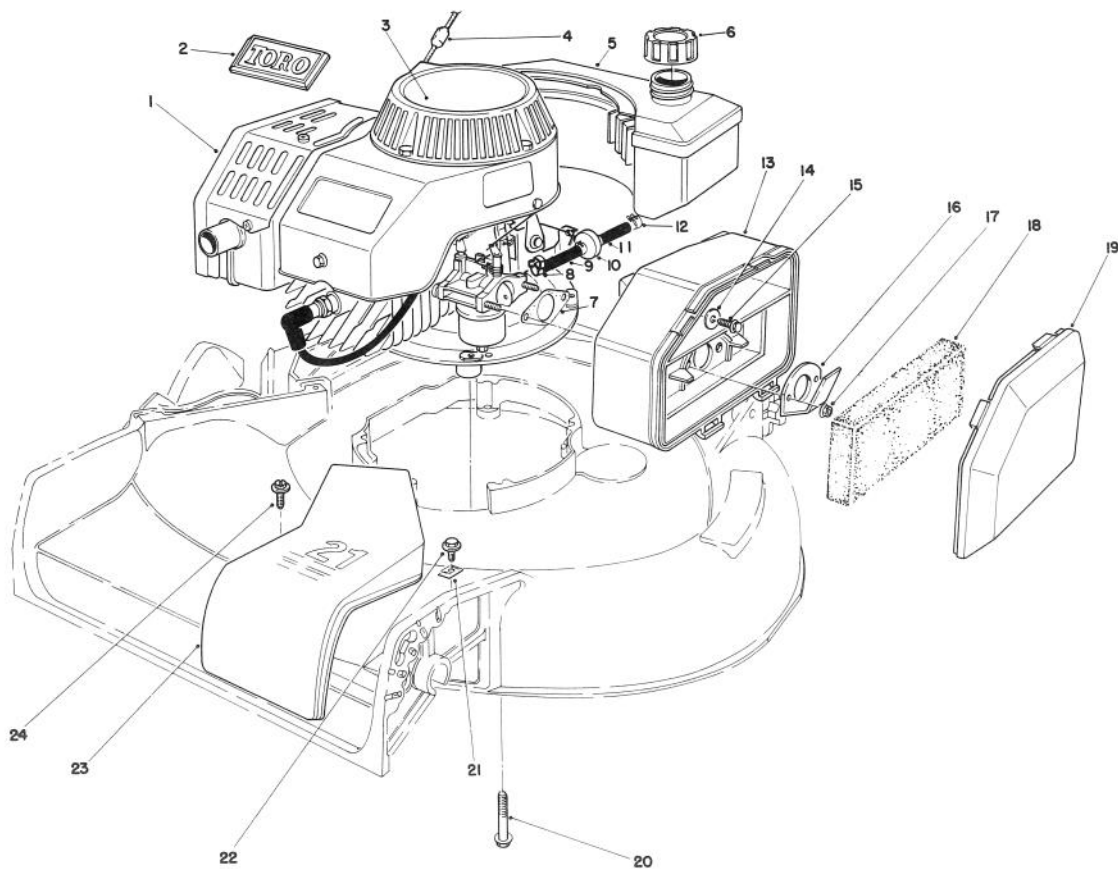
Ref. No.	Part No.	Description	No. Used
13	52-3620	Nut — Lock	2
14	40-1940	Washer — Wheel Bolt	2
15	27-6200	Wheel & Tire Assembly (Incl. Ref. #16)	2
16	27-6250	Bushing	4
17	27-6230	Wheel Bolt	2
18	28-8880	Screw — Pivot	2
19	20-2140	Pivot Arm Assembly "A"	1
20	25-8000	Spring Arm Assembly	2
21	33-3201	Rod — Rear Shield	1
22	5-4460	Washer — Pivot	2
23	322-6	Capscrew — Hex Hd.	2
24	46-7910	Pulley — Driver	1



HOUSING ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
25	49-7900	Retainer Blade	1
26	20-2720	Blade 21"	

Ref. No.	Part No.	Description	No. Used
27	26-0671	Blade — Screw	1
28	3253-22	Lockwasher	1



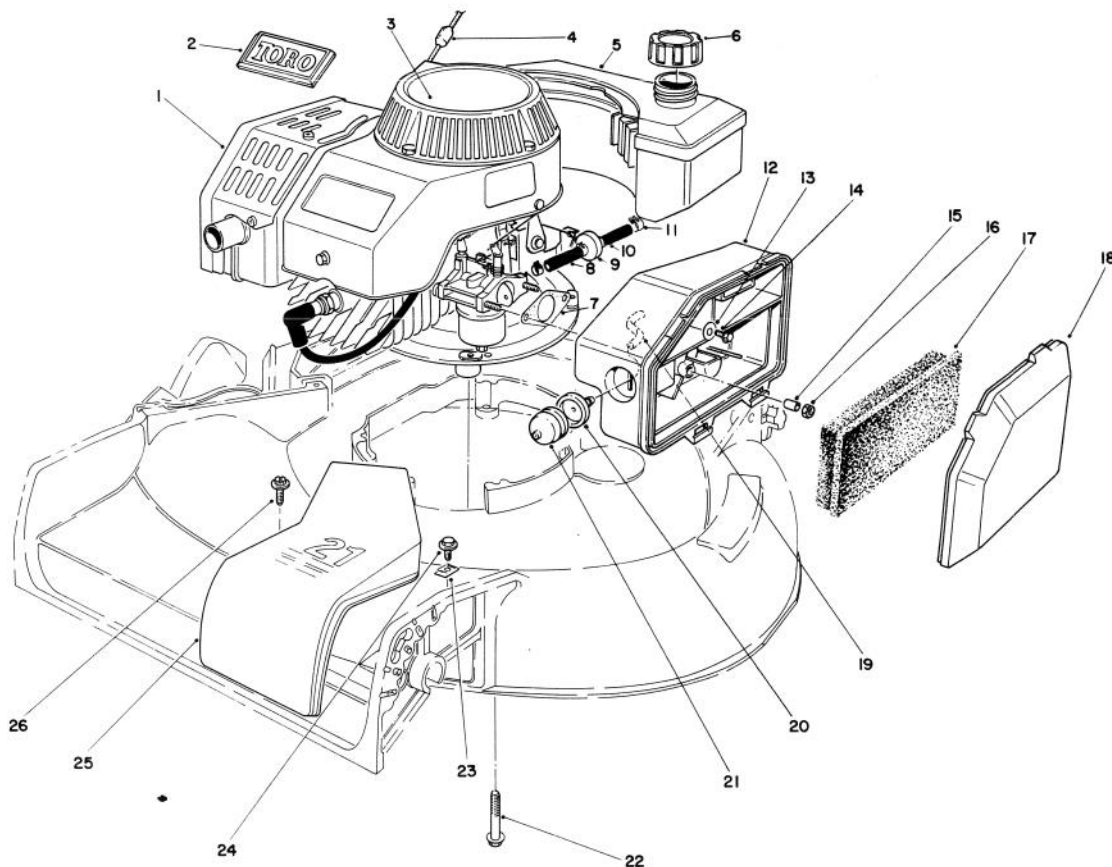
ENGINE ASSEMBLY (Serial No. 8000001-8001571)

Ref. No.	Part No.	Description	No. Used
1	51-0412	Engine (Complete)	1
2	46-8290	Plate — Toro Logo	1
3	57-9870	Decal — Recoil	1
4	81-3980	Stop — Rope	1
5	81-0162	Fuel Tank Assembly	1
6	55-3575	Gas Cap Assembly	1
7	81-0090	Gasket — Air Cleaner	1
8	51-3200	Clamp — Fuel Line	1
9	51-3216	Fuel — Line	1
10	56-6360	Filter — Fuel	1
11	51-3215	Fuel Line	1
12	2412-95	Clamp — Fuel Line	3
13	81-0110	Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
14	3256-16	Washer — Flat	1
15	51-2690	Screw — Washer Hd.	1
16	81-0140	Deflector	1
17	49-7810	Locknut	2
18	81-0100	Foam Element — Air Cleaner	1
19	81-0120	Cover — Air Cleaner	1
20	66-9302	Capscrew — Hex Hd.	4
21	62-3720	Clamp — Cable	1
22	32144-11	Screw — Thread Forming	1
23	46-4780	Cover — Belt	1
24	12-5450	Screw — Thread Forming	2
*	56-2530	Fuel Filter Kit (Incl. Ref. #8-12)	1
†		Staple — Rope Stop	1

*Not Illustrated

†Obtain Locally

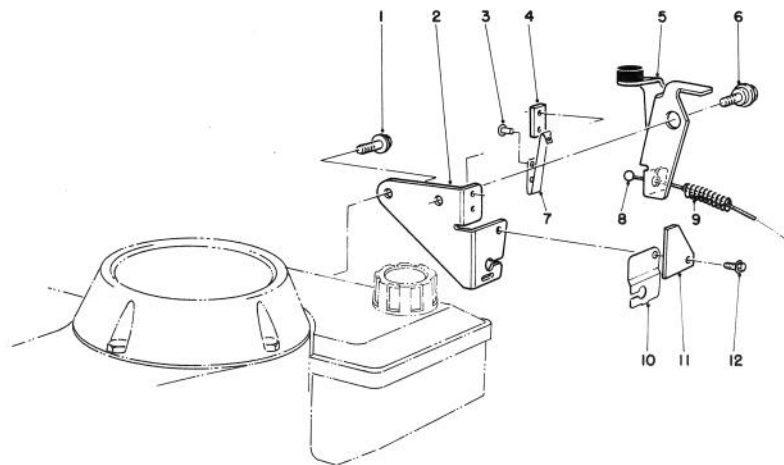


ENGINE ASSEMBLY (Serial No. 8001572 & Up)

Ref. No.	Part No.	Description	No. Used
1	51-0413	Engine (Complete)	1
2	46-8290	Plate — Toro Logo	1
3	57-9870	Decal — Recoil	1
4	81-3980	Stop — Rope	1
5	81-0162	Fuel Tank Assembly	1
6	55-3575	Gas Cap Assembly	1
7	81-0090	Gasket — Air Cleaner	1
8	51-3216	Fuel — Line	1
9	56-6360	Filter — Fuel	1
10	51-3215	Fuel Line	1
11	2412-95	Clamp — Fuel Line	4
12	63-9330	Air Cleaner	1
13	3256-16	Washer — Flat	1
14	51-2690	Screw — Washer Hd.	1
15	62-3980	Sleeve	2

Ref. No.	Part No.	Description	No. Used
16	50-7180	Locknut	2
17	63-9380	Foam Element — Air Cleaner	1
18	63-9340	Cover — Air Cleaner	1
19	44-3172	Hose — Primer	1
20	44-2750	Body — Primer	1
21	44-3100	Bulb — Primer	1
22	66-9302	Capscrew — Hex Hd.	4
23	62-3720	Clamp — Cable	1
24	32144-11	Screw — Thread Forming	1
25	46-4780	Cover — Belt	1
26	12-5450	Screw — Thread Forming	2
*		Fuel Filter Kit (Incl. Ref. #9-12)	1
†		Staple — Rope Stop	1
*	56-2530	Fuel Filter Kit (Incl. Ref. #8-11)	1

*Not Illustrated
†Obtain Locally

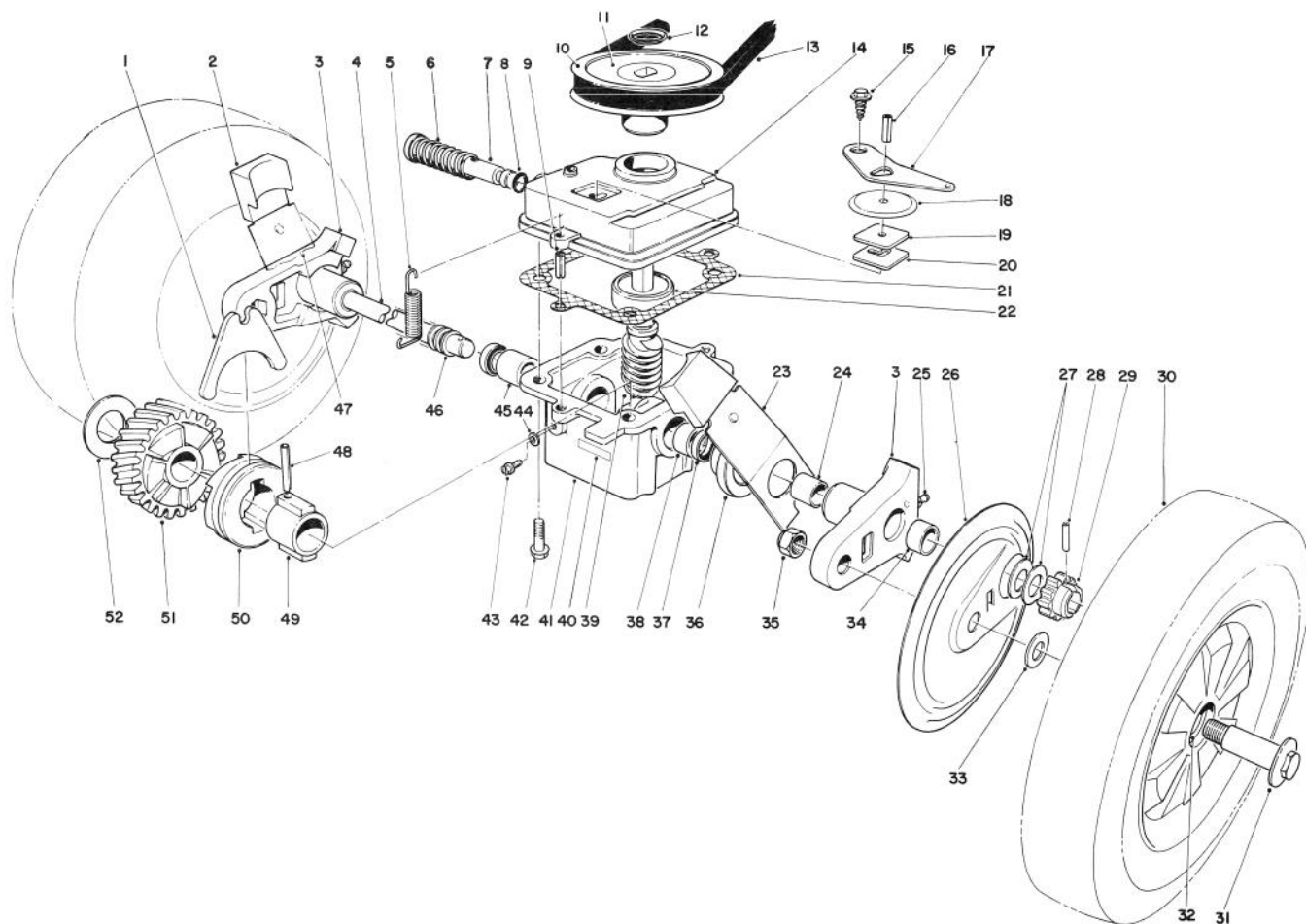


BRAKE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	46-0790	Screw — Self Tapping	1
2	53-4620	Plate — Mounting	1
3	3290-459	Rivet	2
4	60-9020	Strap — Insulation	1
5	66-5380	Brake Plate Assembly	1
6	56-6190	Screw — Shoulder, Metric	1
7	60-9010	Strap — Ground	1

Ref. No.	Part No.	Description	No. Used
8	56-6093	Cable — Brake	1
9	66-5370	Spring — Compression	1
10	53-4610	Clamp — Cable	1
11	53-4690	Stop — Ground Strap	1
12	12-5450	Screw — Self Tapping	1
*	12-4599	Mounting Plate Assembly (Incl. Ref. #2-4 & 7)	1

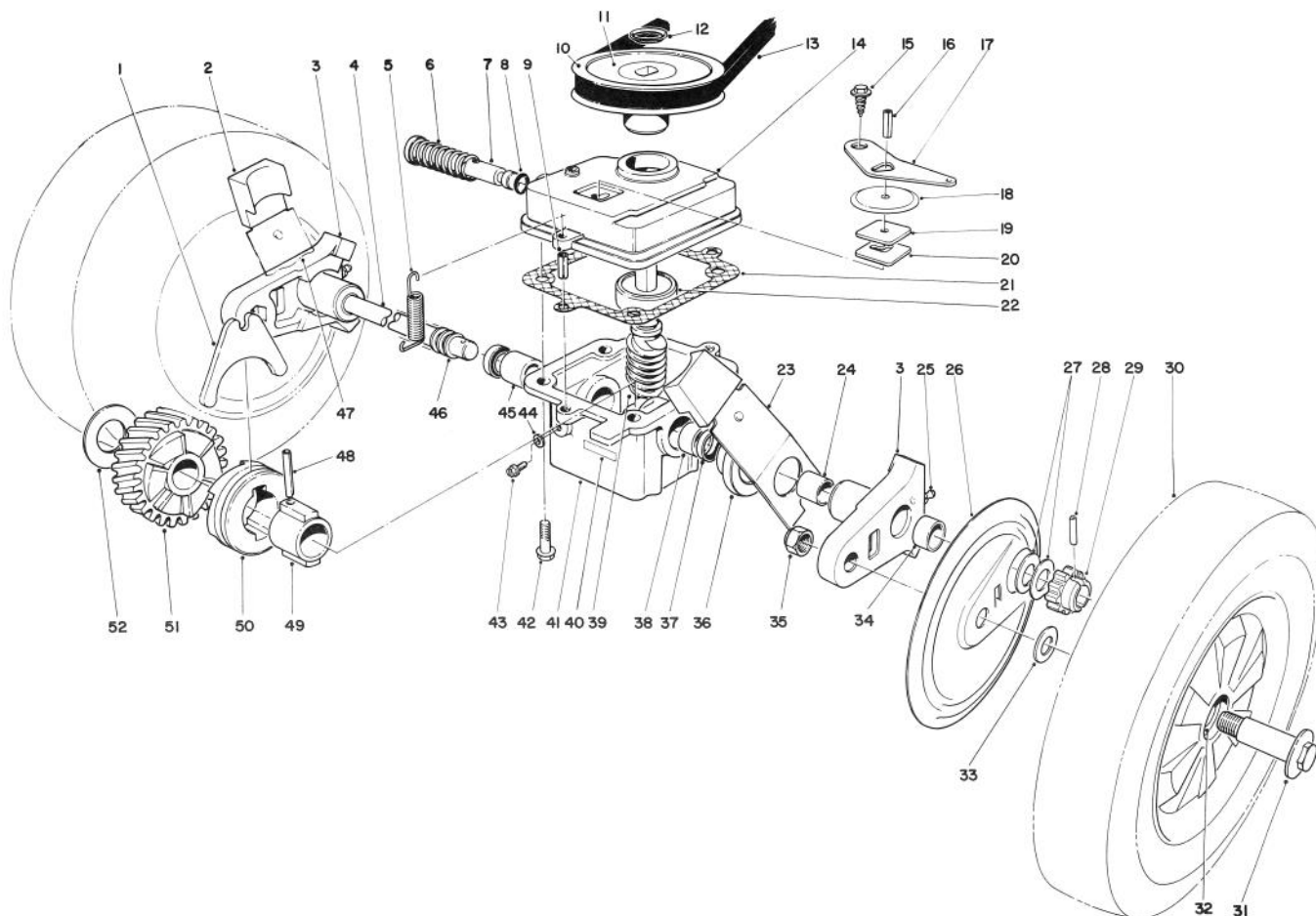
*Not Illustrated



GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
	5-3247	Shifter Fork	1
2	25-7740	Knob Arm	2
3	38-2220	Pivot Arm	
		(Incl. Ref. #24, 25 & 34)	2
4	37-9440	Drive Shaft	1
5	17-4490	Spring — Belt Tension	1
6	3-0731	Spring	1
7	46-8240	Shifter Rod	1
8	237-137	"O" Ring	1
9	32121-1	Roll Pin	2
10	18-9760	Pulley	1
11	33-2450	Decal — Caution	1
12	3290-346	Push On Retainer	1
13	5-4505	V-Belt	1
14	39-1101	Gear Case Cover	1
15	32140-64	Screw — Self Tapping	1
16	32121-114	Roll Pin	1
17	5-3252	Shifter Arm	1
18	52-7380	Transmission Dust Cover	1
19	52-7370	Filter — Dust	1
20	3-0681	Latch Plate	1
21	36-1000	Gasket — Gear Case	1

Ref. No.	Part No.	Description	No. Used
22	47-7250	Ball Bearing	1
23	25-7930	Spring Arm Assembly L.H.	1
24	256-206	Bushing	2
25	302-56	Grease Fitting	2
26	18-9820	Wheel Cover	2
27	46-6510	Thrust Washer	4
28	32121-98	Pin — Coil	2
29	46-5930	Pinion Gear	2
30	11-1419	Wheel, Tire & Gear Assembly	
		(Incl. Ref. #32)	2
31	27-6231	Wheel Bolt	2
32	27-6250	Bushing — Wheel	4
33	40-1940	Washer — Wheel Bolt	2
34	256-1	Bushing	2
35	52-3620	Nut — Lock	2
36	42-3520	End Cap	2
37	47-6730	Oil Seal	2
38	47-2890	Bushing	1
39	8-5679	Worm Shaft & Gear	
		(Incl. Ref. #51)	1
40	40-4755	Decal	1

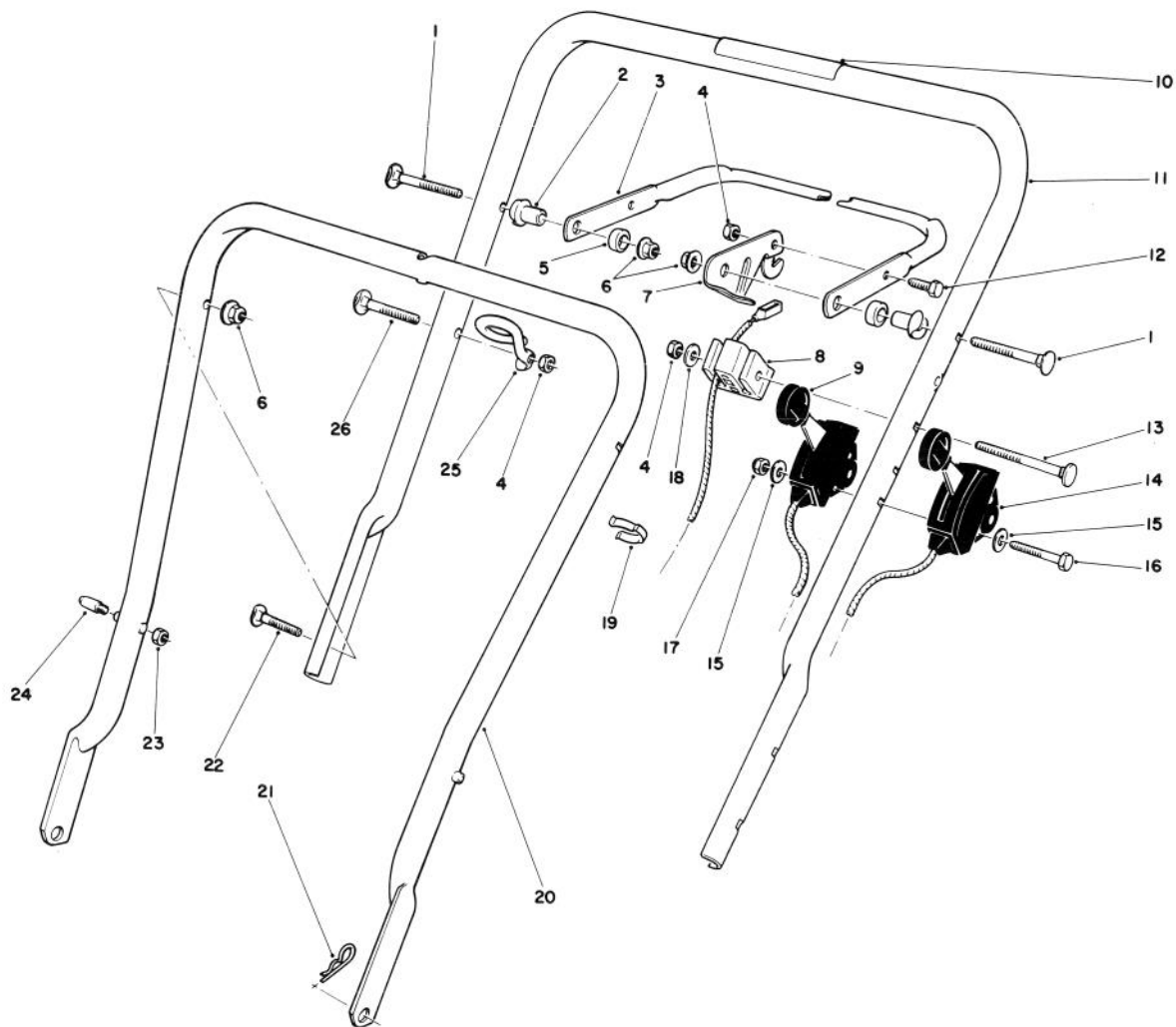


GEAR CASE ASSEMBLY (Continued)

Ref. No.	Part No.	Description	No. Used
41	8-0479	Gear Case (Incl. Ref. #37, 38 & 45)	1
42	11-9760	Screw	4
43	28-1550	Screw — Nylon	1
44	46-9640	Gasket	1
45	47-2900	Bushing	1
46	24-7920	Cover Drive Shaft	1
47	25-7920	Spring Arm Assembly R.H.	1
48	32121-88	Coil Pin	1

Ref. No.	Part No.	Description	No. Used
49	3-0721	Sleeve	1
50	19-5660	Clutch Jaw	1
51		Helical Gear	1
52	3-0724	Thrust Washer	1
*	52-7360	Gear Case Assembly (Complete)	1
*	27-0490	Bearing & Shaft Tool	1
*†	39-9640	Metric Bearing Tool	1
*	27-0460	Tool Bushing	1

*Not Illustrated † Use with 27-0490 Bearing & Shaft Tool.

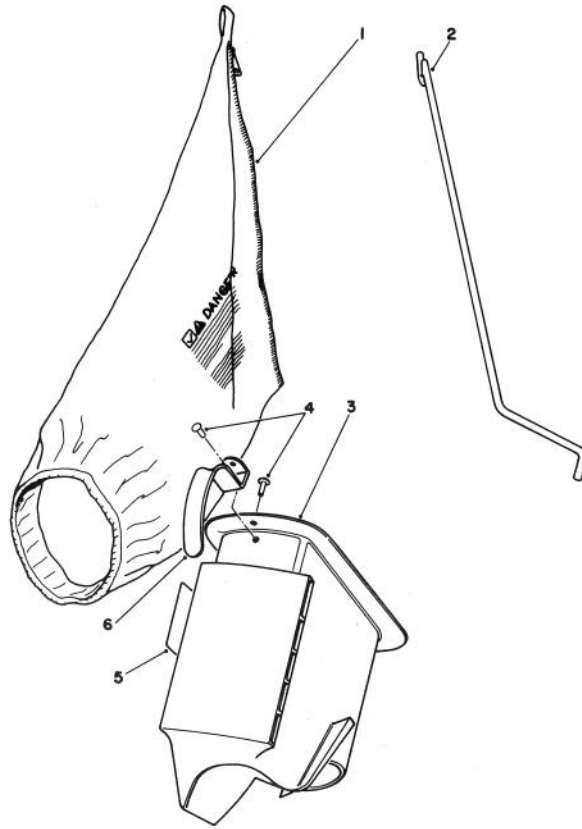


HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	17-9421	Screw — Handle	2
2	49-1630	Support — Spacer	2
3	62-3810	Bar — Control	1
4	3296-42	Nut — Lock	3
5	256-276	Spacer — Nylon	2
6	3296-58	Nut — Flange Lock	4
7	66-5350	Lever — Control	1
8	46-6980	Support — Cable	1
9	49-4193	Control — Throttle (Bend Type #1) (Sheath Lg. 35-1/4") (Wire Lg. 2-1/4")	1
10	56-6280	Decal — Warning	1
11	12-5669	Handle — Upper (Incl. Ref. #10)	1
12	321-3	Capscrew	1
13	46-6434	Screw — Handle	1

Ref. No.	Part No.	Description	No. Used
14	46-6883	Control — Traction (Bend Type #3) (Sheath Lg. 46") (Wire Lg. 2-1/2")	1
15	3256-14	Washer — Flat	4
16	32105-14	Capscrew	2
17	3296-2	Nut — Lock	2
18	3256-22	Washer — Flat	1
19	218-465	Clip — Cable (Double)	1
20	49-1690	Lower Handle Assembly	1
21	3290-255	Pin — Cotter Hair	2
22	17-9424	Screw — Handle	2
23†	3296-47	Nut — Lock	2
24†	49-2750	Pin — Handle	2
25	46-8080	Guide — Rope	1
26	46-6433	Screw — Handle	1

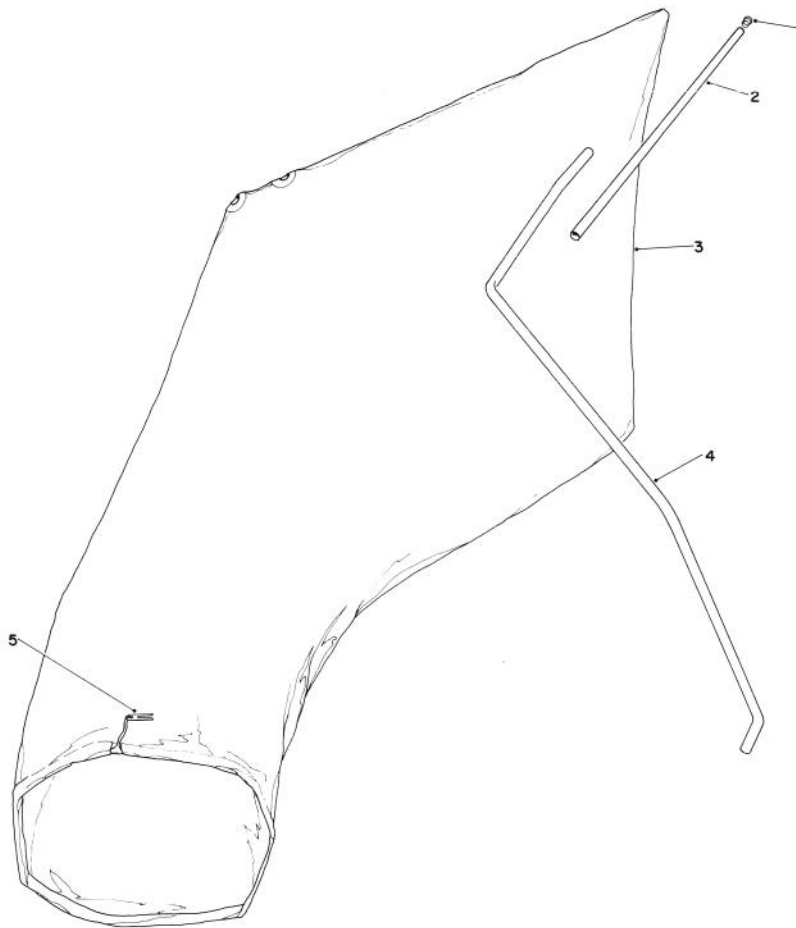
†Service Replacement Part



BAGGING KIT NO. 47-6510 (OPTIONAL)

Ref. No.	Part No.	Description	No. Used
1	6-0929	Grass Bag	1
2	47-5830	Bag Rod	1
3	6-1089	Grass Chute (Incl. Ref. #4&6)	1

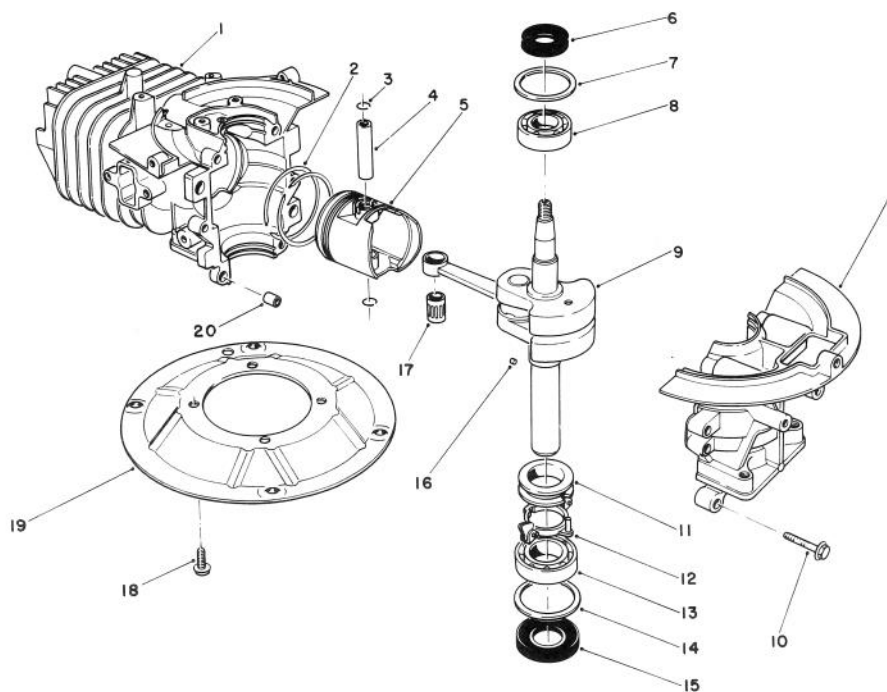
Ref. No.	Part No.	Description	No. Used
4	3295-26	Rivet	2
5	36-5230	Decal — Bag Chute	1
6	20-4650	Handle Chute	1



GIANT BAGGING KIT NO. 29-9750 (OPTIONAL)

Ref. No.	Part No.	Description	No. Used
1	2410-29	Cap	1
2	29-7000	Tube 25"	1
3	8-4719	Bag (Incl. Ref. #5)	1

Ref. No.	Part No.	Description	No. Used
4	22-4820	Hanger Rod	1
5	3-2781	Bag Cord Fasteners	1

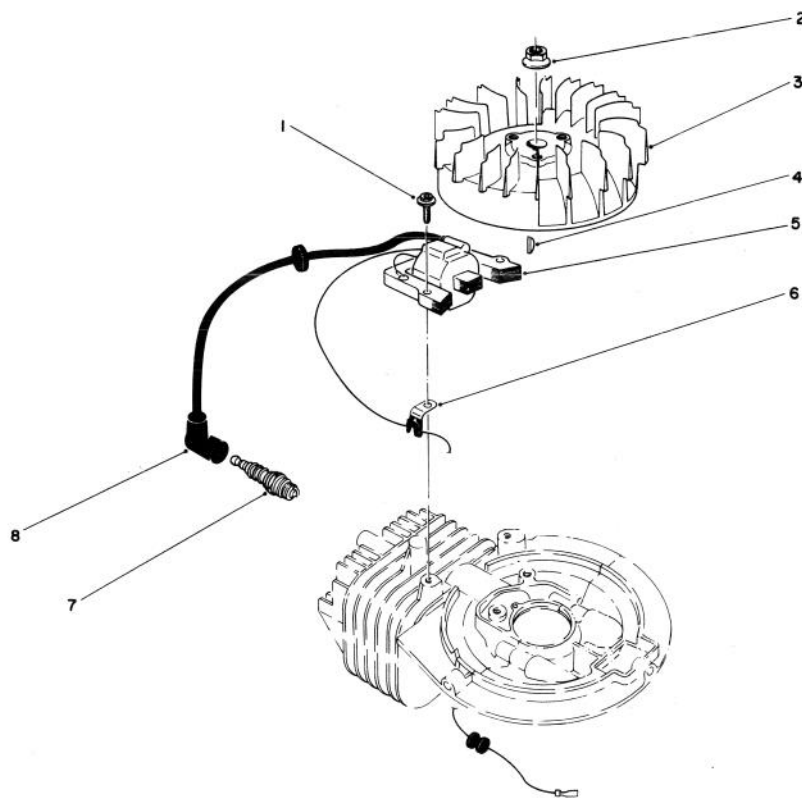


CRANKSHAFT ASSEMBLY (Model No. 47PH7)

Ref. No.	Part No.	Description	No. Used
1	81-2800	Crankcase/Cylinder Assy.	1
2	81-0590	Ring Set	1
3	81-0620	Circlip	2
4	81-0600	Pin — Wrist	1
5	81-0580	Piston (58 mm)	1
6	81-0720	Oil Seal — Upper	1
7	81-0710	Thrust Washer — Upper	1
8	81-0690	Bearing — Upper (20 mm)	1
9	81-4600	Crankshaft/Connecting Rod Assembly	1
10	81-0540	Bolt (30 mm 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 (25 mm)	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 (20 mm Lg.)	4
19	81-0560	Plate — Mounting	1
20	81-0520	Pin — Crankcase	2
*	12-5489	Short Block Assembly	1

*Not Illustrated

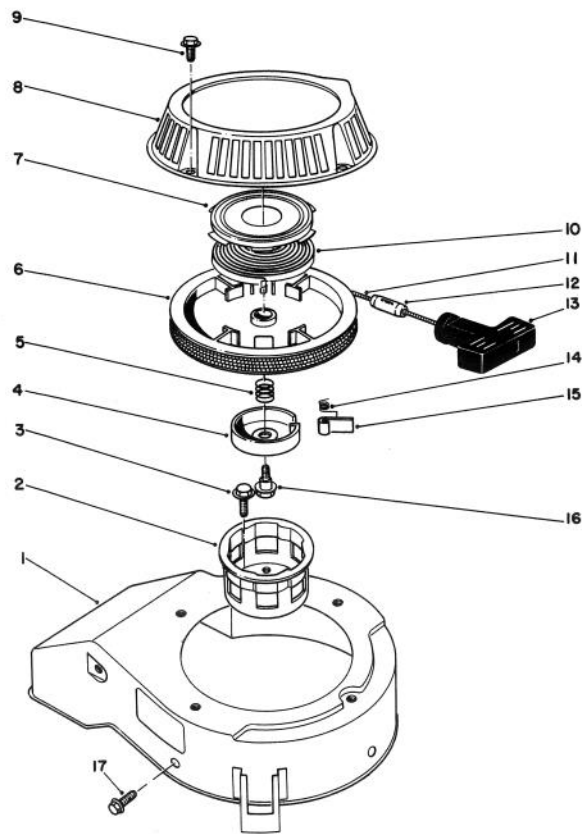


IGNITION ASSEMBLY (Model No. 47PH7)

Ref. No.	Part No.	Description	No. Used
1	81-2050	Capscrew — Allenhead	2
2	81-1330	Nut	1
3	81-2810	Flywheel — Magneto	1
4	81-2370	Key — Flywheel	1
5	81-2820	Coil/Ignition Assembly	1

Ref. No.	Part No.	Description	No. Used
6	81-1480	Clamp	1
7	81-0181	Spark Plug	1
8	81-1500	Cover — Spark Plug	1
*	41-7650	Puller — Flywheel	1

*Not Illustrated

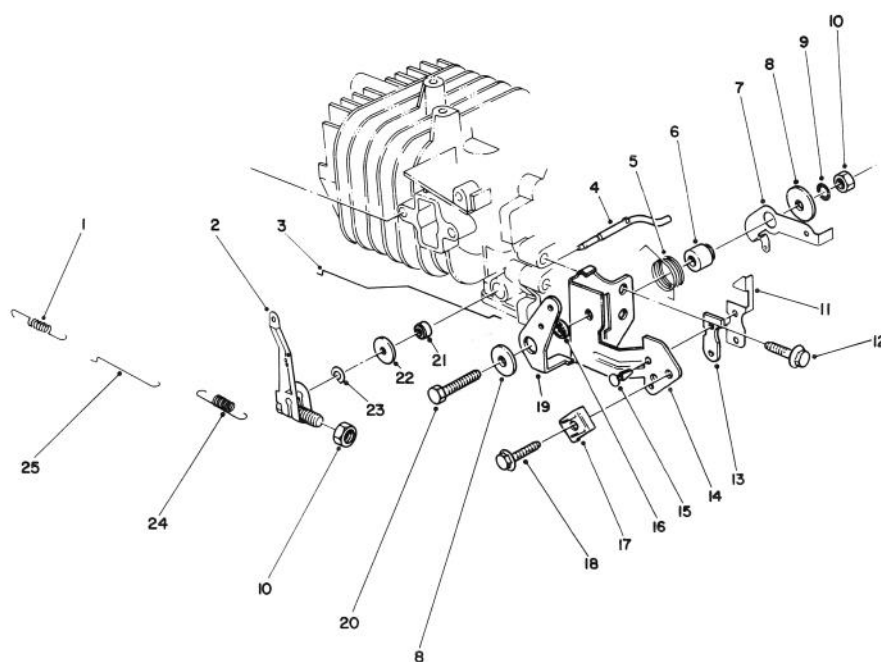


RECOIL ASSEMBLY (Model No. 47PH7)

Ref. No.	Part No.	Description	No. Used
1	81-2070	Cover — Cooling Fan	1
2	81-1290	Pulley — Starter Cup	1
3	81-1300	Bolt (16mm Lg.)	3
4	81-1250	Retainer — Dog	1
5	81-1240	Spring — Compression	1
6	81-1210	Reel — Rope Pulley	1
7	81-1640	Retainer Cup — Recoil Spring	1
8	81-2090	Case — Recoil	1
9	81-1280	Bolt	4
10	81-1200	Spring — Recoil	1
11	81-1270	Rope	1

Ref. No.	Part No.	Description	No. Used
12	81-3980	Stop — Recoil	1
13	81-1630	Handle — Recoil	1
14	81-1220	Spring — Dog	1
15	81-1230	Dog	1
16	81-1260	Bolt — Shoulder	1
17	81-1170	Bolt — Self Tapping (15mm Lg.)	3
*	81-2040	Starter Assembly (Incl. Ref. #4-16)	1
*	81-2300	Spring & Retainer (Incl. Ref. #7 & 10)	1

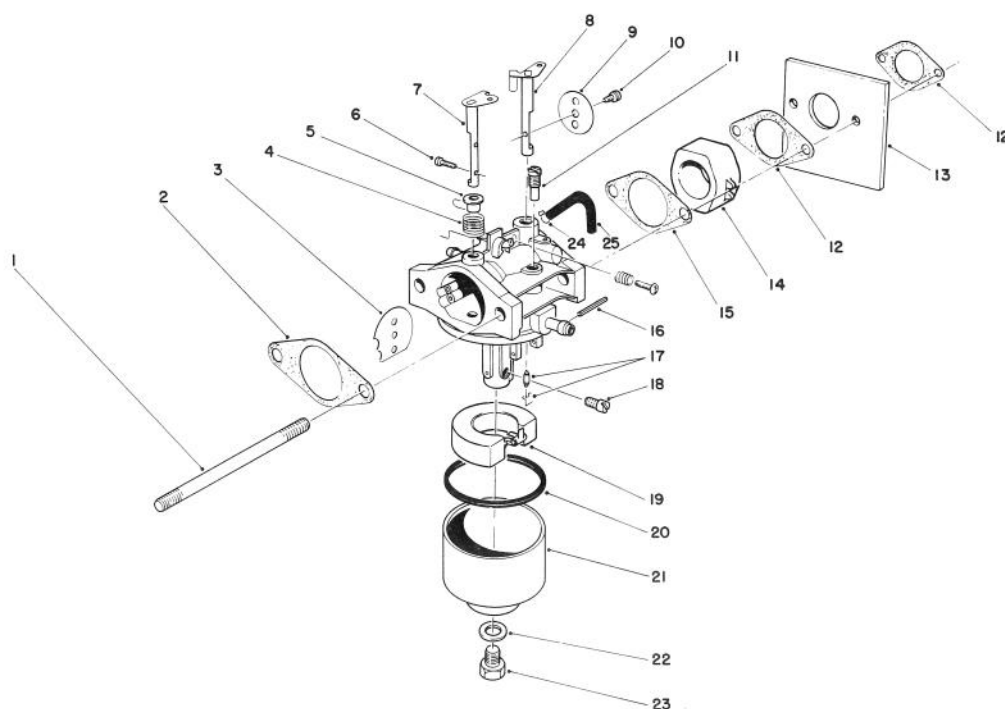
*Not Illustrated



GOVERNOR ASSEMBLY (Model No. 47PH7)

Ref. No.	Part No.	Description	No. Used
1	81-0920	Spring — Carburetor Rod	1
2	81-5420	Governor Arm/Bolt Assembly	1
3	81-5410	Rod — Choke	1
4	81-0840	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	81-1840	Terminal — Kill Switch	1
12	81-1170	Bolt — Self Tapping (15mm Lg.)	1

Ref. No.	Part No.	Description	No. Used
13	81-1830	Insulator — Kill Switch	1
14	81-2420	Bracket — Throttle Control	1
15	81-1850	Rivet — Kill Switch	2
16	81-2470	Spacer — Choke Control Lever	1
17	81-2430	Clamp — Cable	1
18	50-0130	Bolt — Cable Clamp	1
19	81-1710	Lever — Choke Control	1
20	81-1730	Bolt — Throttle Control Bracket	1
21	81-0850	Oil Seal — Governor Shaft	1
22	81-0860	Washer	1
23	81-0870	E-Ring	1
24	81-2830	Spring — Governor	1
25	81-0910	Rod — Carburetor	1

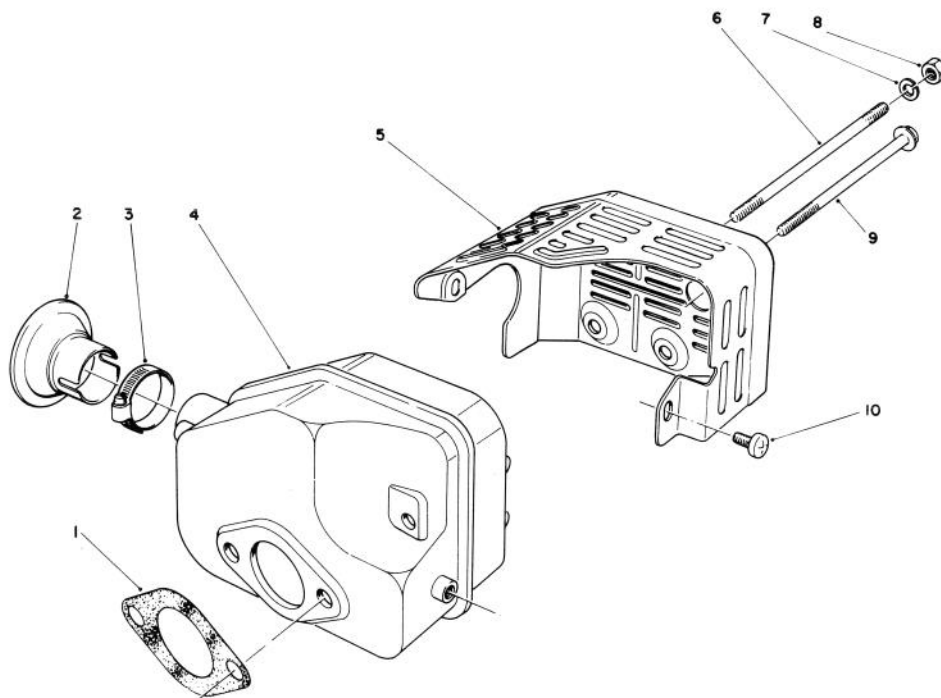


CARBURETOR ASSEMBLY (Model No. 47PH7)

Ref. No.	Part No.	Description	No. Used
1	81-5450	Stud Bolt — Carburetor	2
2	81-0090	Gasket	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
12	81-2320	Gasket — Shield	2
13	81-5490	Shield — Carburetor	1
14	81-5440	Insulator — Carburetor	1
15	81-0780	Gasket	1
16	81-0980	Pin	1

Ref. No.	Part No.	Description	No. Used
17	81-4910	Needle Valve/Spring Wire	1
18	81-1060	Jet — Main # (75)	1
*	81-2340	Jet — Main # (72.5) High Alt., Above 6,000 (Optional)	1
19	81-0970	Float	1
20	81-1010	Gasket — Float Bowl	1
21	81-1610	Bowl — Float	1
22	81-1020	Gasket — Bowl Screw	1
23	81-1000	Screw — Bowl	1
*	12-6379	Carburetor Kit (Incl. Ref. #2, 15, 17, 20 & 22)	1
*	81-5430	Carburetor Assembly Complete	1
24	81-5460	Clamp — Vent Tube	1
25	81-5470	Tube — Vent	1

*Not Illustrated



MUFFLER ASSEMBLY (Model No. 47PH7)

Ref. No.	Part No.	Description	No. Used
1	81-1080	Gasket — Muffler	1
2*	81-0200	Spark Arrester	1
3†		Clamp	1
4	81-1090	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