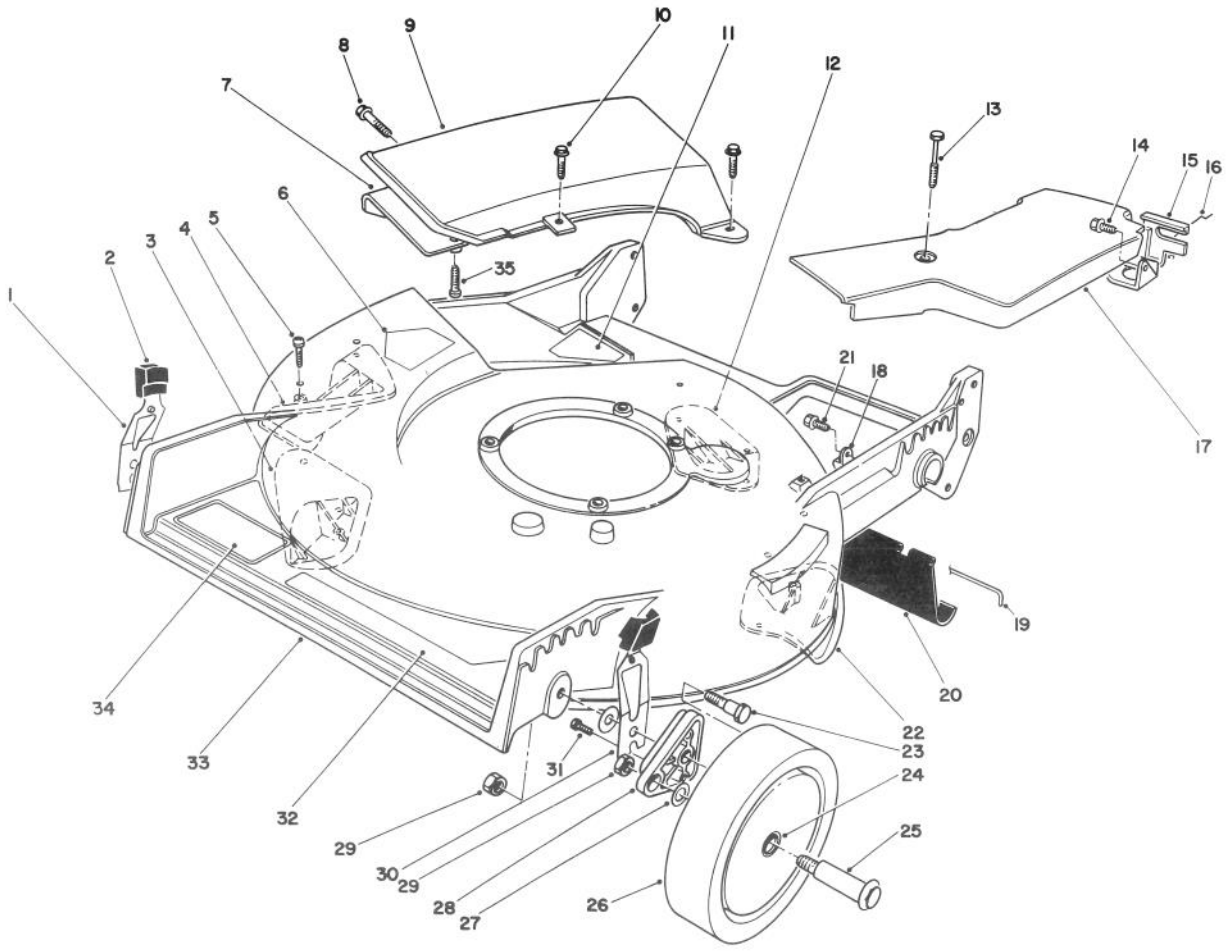
FORM NO. 3315–161

TORO®

MODEL NO. 20321–2000001 & UP

PARTS CATALOG

21" RECYCLER®
Mower



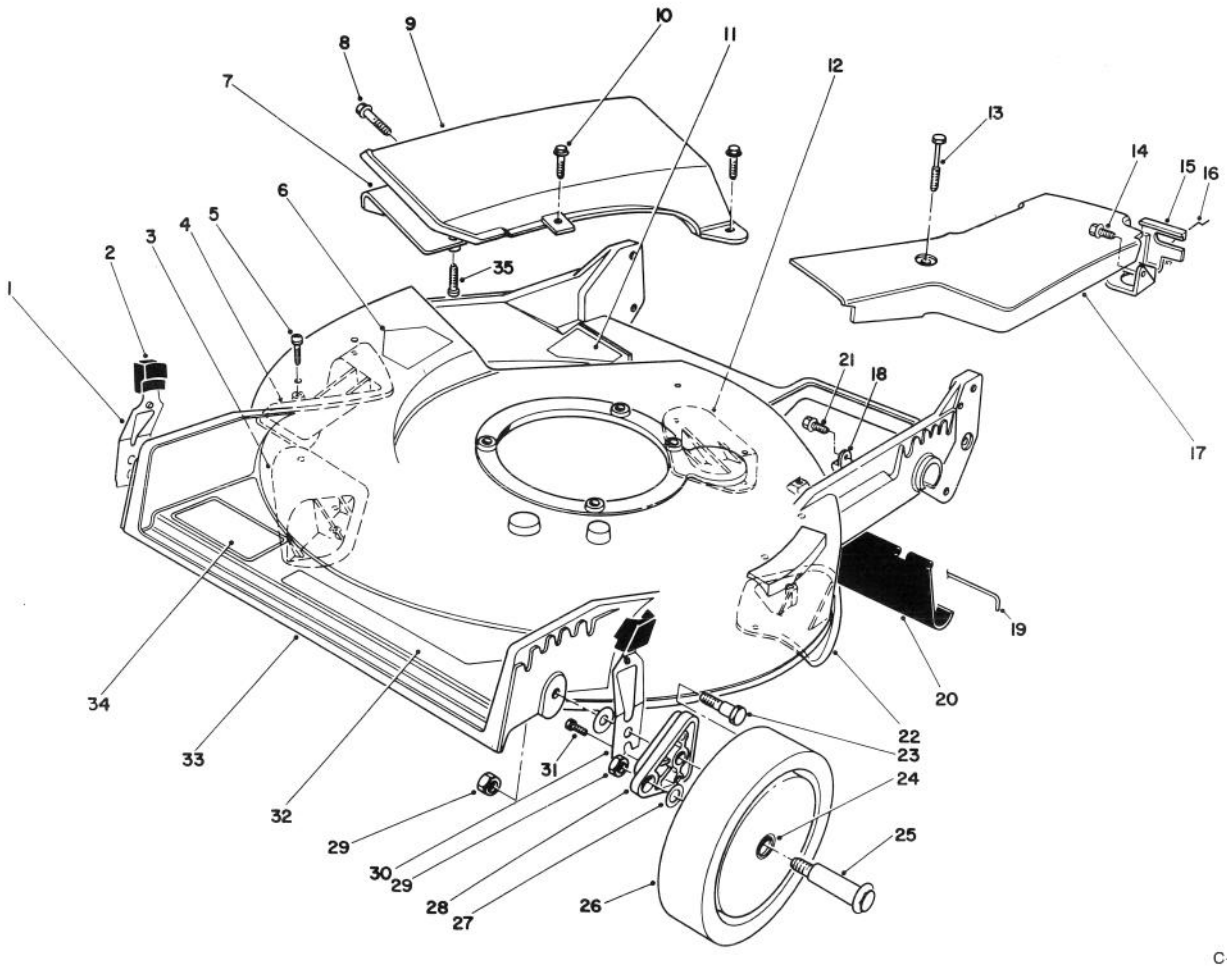
C–1071

HOUSING ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	71–0560	Spring Arm Ass'y R.H.	1
2	25–7740	Knob – Arm	2
3	76–2120	Plate – Kicker R.H. Front	1
4	76–2130	Plate – Kicker L.H. Front	1
5	32144–111	Screw – Plastite	8
6	39–5770	Decal – Danger	1
7		Deflector – Recycler	1
8	46–6810	Screw & Washer Ass'y	1
9	14–4069	Cover Assembly (Incl. Ref. #7 & 35)	1
10	46–6811	Screw – Thread Forming	3
11	82–8450	Decal – Danger	1
12	76–2150	Plate – Kicker L.H. Rear	1
13	37–7260	Screw – Special	2
14	32144–70	Screw – Thread Forming	1
15	82–5680	Bracket – Traction Adj.	1

Ref. No.	Part No.	Description	No. Used
16	46–7030	Retainer – Cable	1
17	82–9910	Cover – Belt	1
18	2412–83	R–Clamp	1
19	33–3208	Rod – Shield	1
20	44–0580	Shield – Trailing	1
21	32144–112	Screw – Hex Hd. Tap	1
22	76–2140	Plate – Kicker R.H. Rear	1
23	66–0561	Screw – Pivot	2
24	27–6250	Bushing	4
25	27–6231	Bolt – Wheel	2
26	11–9509	Wheel & Tire Assembly (Incl. Ref. #24)	2
27	40–1940	Washer – Wheel Bolt	4
28	66–0580	Arm – Pivot	2
29	52–3620	Nut – Lock	4
30	71–0570	Spring Arm Ass'y L.H.	1

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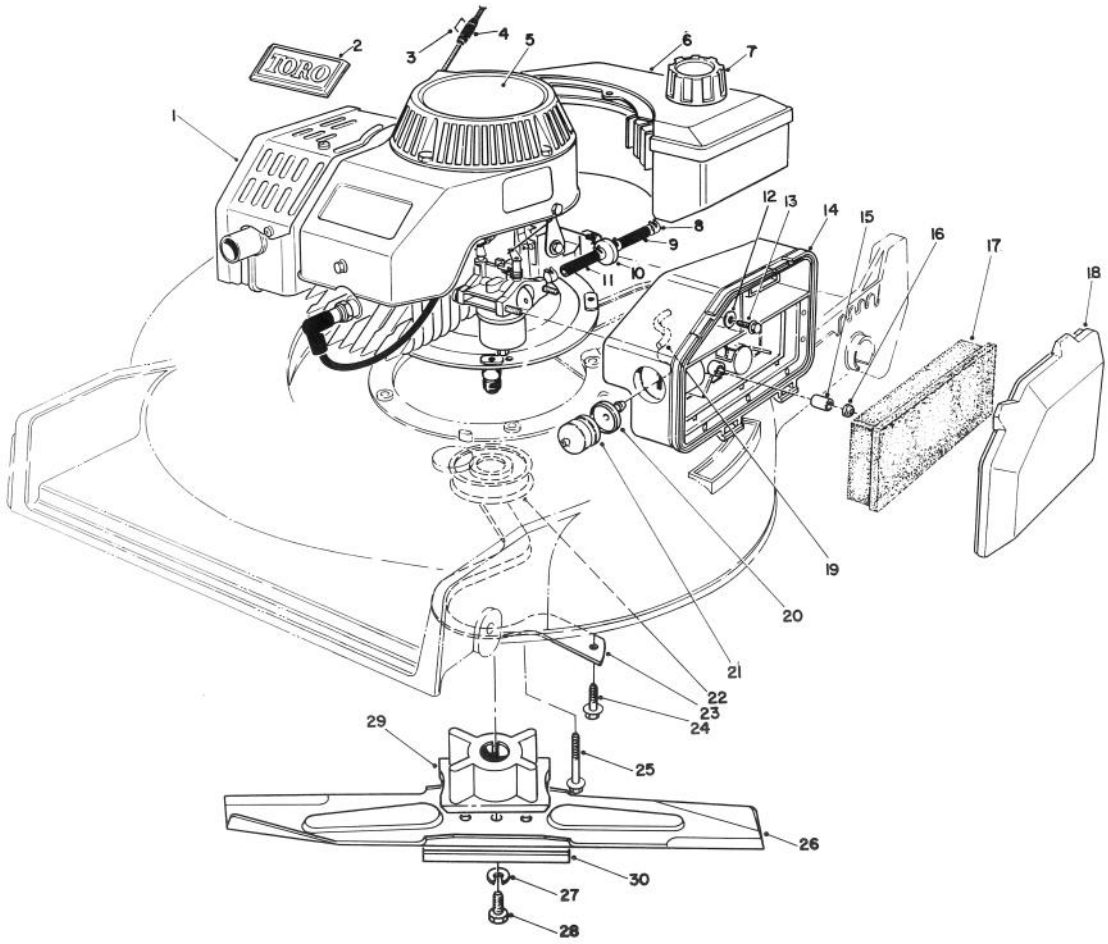


C–1071

HOUSING ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used
31	32144–85	Screw – Thread Forming	2
32	76–1950	Decal – Recycler	1
33	14–3519	Housing Assembly (Incl. Ref. #3–6, 11, 12, 23, & 32)	1

Ref. No.	Part No.	Description	No. Used
34	71–0600	Decal – Toro	1
35		Screw – Plastite	5



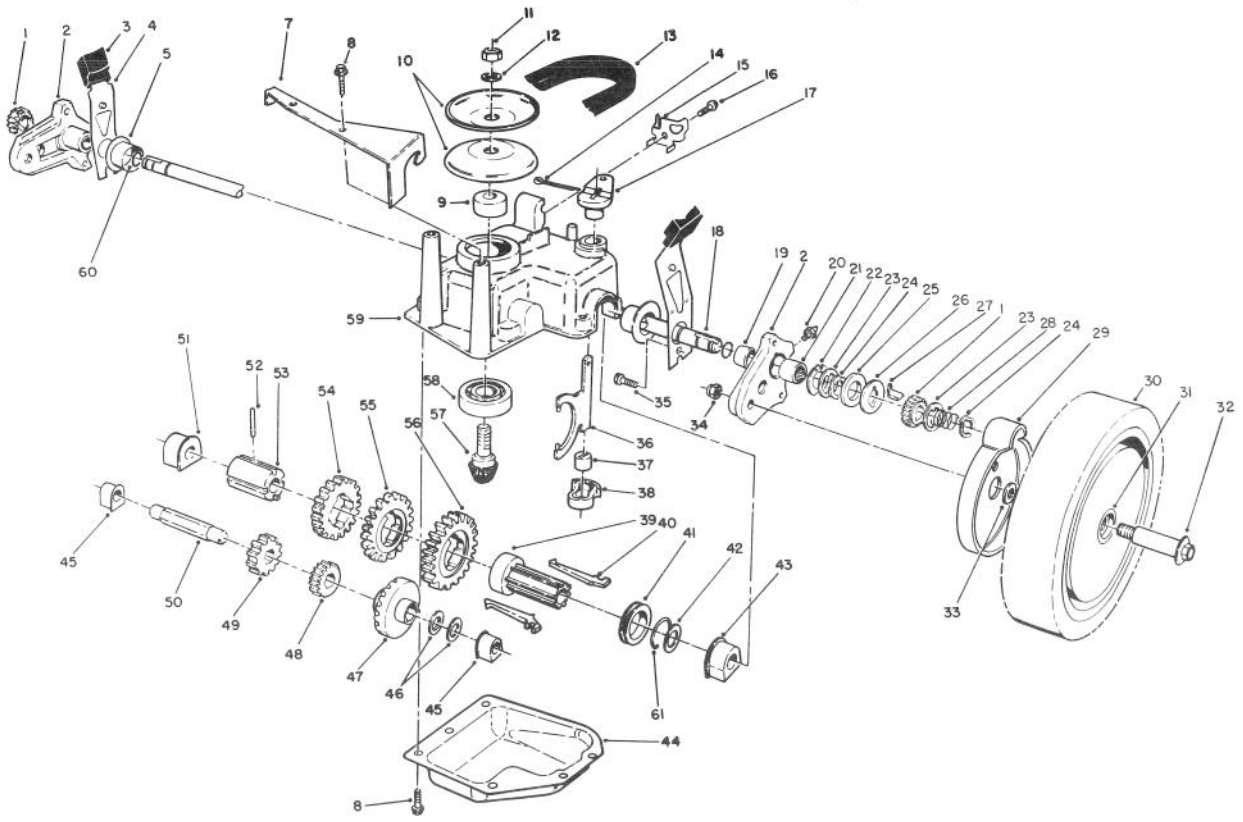
C–1090

ENGINE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1		Engine (Complete)	1
2	46–8290	Plate – Toro Logo	1
†3		Staple	1
4	81–3980	Stop – Rope	1
5	66–0510	Decal – Recoil	1
6	81–0042	Fuel Tank Assembly	1
7	55–3575	Gas Cap Assembly	1
8	2412–95	Clamp – Fuel Line	4
9	51–3216	Line – Fuel	1
10	56–6360	Filter – Fuel	1
11	51–3215	Line – Fuel	1
12	3256–16	Washer – Flat	1
13	51–2690	Screw – Hex Washer Hd.	1
14	63–9330	Air Cleaner	1
15	62–3980	Sleeve	2
16	50–7180	Nut – Lock	2

Ref. No.	Part No.	Description	No. Used
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	66–7460	Bulb – Primer	1
22	62–7550	Pulley – Driver	1
23	66–0570	Guide – Belt	1
24	32144–70	Screw – Hex Washer Hd. Thread Forming	2
25	66–9300	Screw – Hex Flange Hd.	3
26	75–9420	Blade – 21"	1
27	3253–22	Washer – Lock	1
28	26–0670	Screw – Blade	1
29	62–7540	Retainer – Blade	1
30	80–0510	Stiffener – Blade	1

†Obtain Locally



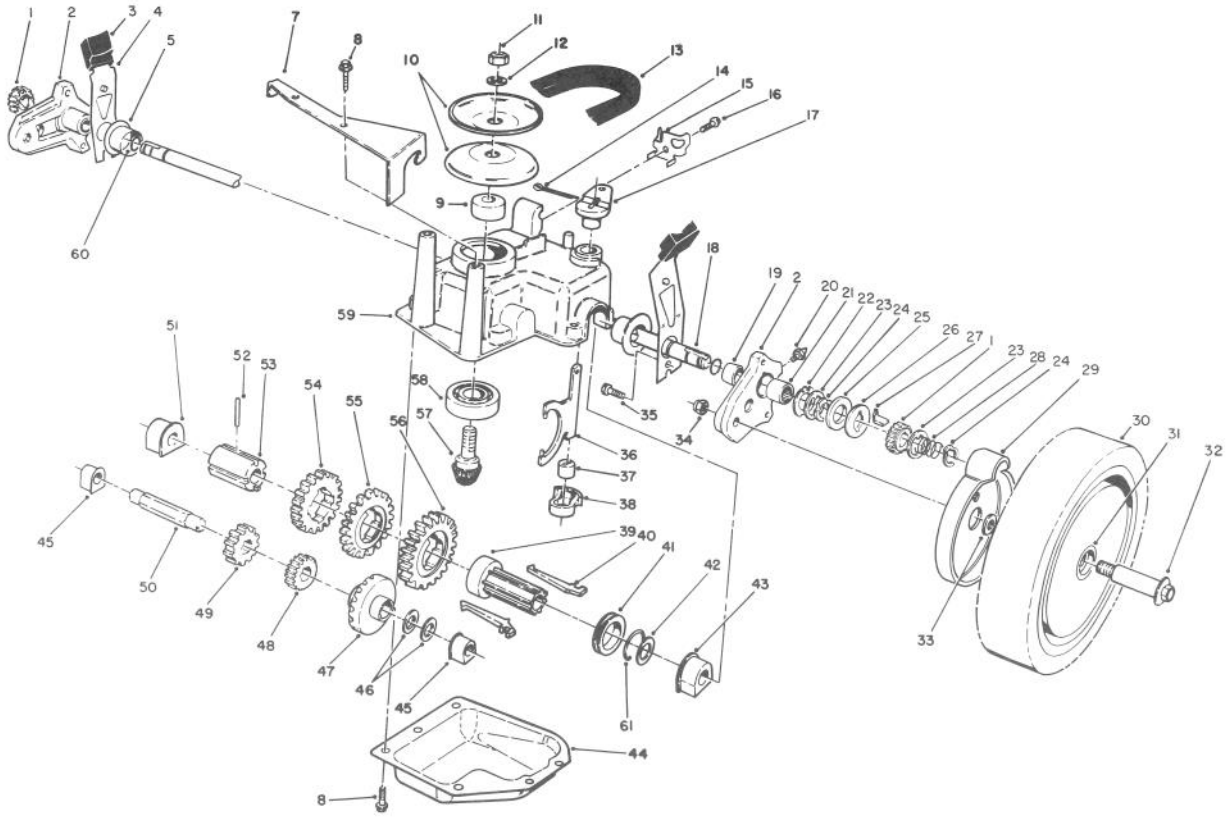
C–0521

GEAR CASE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	65–4750	Pinion	2
2	63–8701	Pivot Arm Assembly (Incl. Ref # 19, 20, & 21)	2
3	25–7740	Knob – Arm	2
4	63–8720	Spring Arm Assembly	2
5	42–3520	End Cap	2
7	62–4320	Bracket – Belt Guide	1
8	49–2040	Screw – Self Tapping	8
9	62–6660	Spacer	1
10	60–8840	Pulley – Half	2
11	3296–5	Locknut	1
12	3256–24	Washer – Flat	1
13	62–3900	V–Belt	1
14	3272–10	Pin – Cotter	1
15	82–8780	Cable – Retainer	1
16	32144–70	Screw – Thread Forming	1
17	60–8821	Lever – Shift	1
18	65–4770	Shaft – Output	1
19	70–9760	Bushing	2
20	302–56	Fitting – Grease	2
21	48–2060	Needle Bearing	2
22	65–4730	Thrust Washer	2
23	65–4740	Thrust Washer	4
24	65–2720	Ring – Retaining	4
25	65–4710	Ring – Friction	2

Ref. No.	Part No.	Description	No. Used
26	65–4760	Washer – Clutch	2
27	66–6050	Key – Rocker L.H.	1
*	66–6040	Key – Rocker R.H.	1
28	65–4720	Spring	2
29	74–1660	Cover – Wheel	2
30	11–9519	Wheel – Tire & Gear Ass'y (Incl. Ref. # 31)	2
31	27–6250	Bushing – Wheel	4
32	27–6231	Wheel Bolt	2
33	74–1671	Spacer – Wheel Cover	2
34	52–3620	Locknut	2
35	32144–85	Screw	2
36	60–8870	Yoke – Shift	1
37	29–9570	Bushing – Yoke	1
38	60–8810	Retainer – Shift Fork	1
39	76–0780	Sleeve – Shift Key	1
40	76–0760	Key – Shift	2
41	76–0770	Collar – Shift	1
42	36–4780	Washer – Thrust	1
43	60–8770	Bushing – Output Shaft	1
44	60–8730	Cover – Gear Case	1
45	60–8750	Bushing – Int. Shaft	2
46	36–4791	Washer – Thrust	2
47	55–3760	Gear – Pinion 15 Tooth	1
48	55–3780	Gear – Pinion 20 Tooth	1

*Not Illustrated



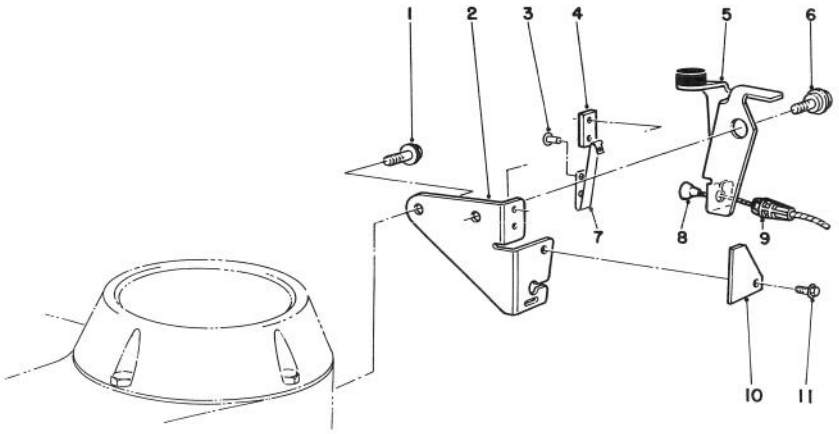
C–0521

GEAR CASE ASSEMBLY (CONTINUED)

Ref. No.	Part No.	Description	No. Used
49	55–3800	Gear – Pinion	1
50	60–8800	Shaft – Intermediate	1
51	60–8850	Bushing – Output Shaft	1
52	32121–120	Pin – Coil	1
53	60–8790	Sleeve – Gear	1
54	55–3810	Gear – 39 Tooth 3rd Gear	1
55	55–3790	Gear – 44 Tooth 2nd Gear	1

Ref. No.	Part No.	Description	No. Used
56	55–3770	Gear – 49 Tooth 1st Gear	1
57	60–8890	Pinion – Bevel	1
58	38–7820	Bearing – Ball	1
59	60–8710	Gear Case – Upper	1
60	237–153	O–Ring	2
61	65–5250	Clip – Spring	1
*	62–6673	Gear Case Assembly	1

*Not Illustrated



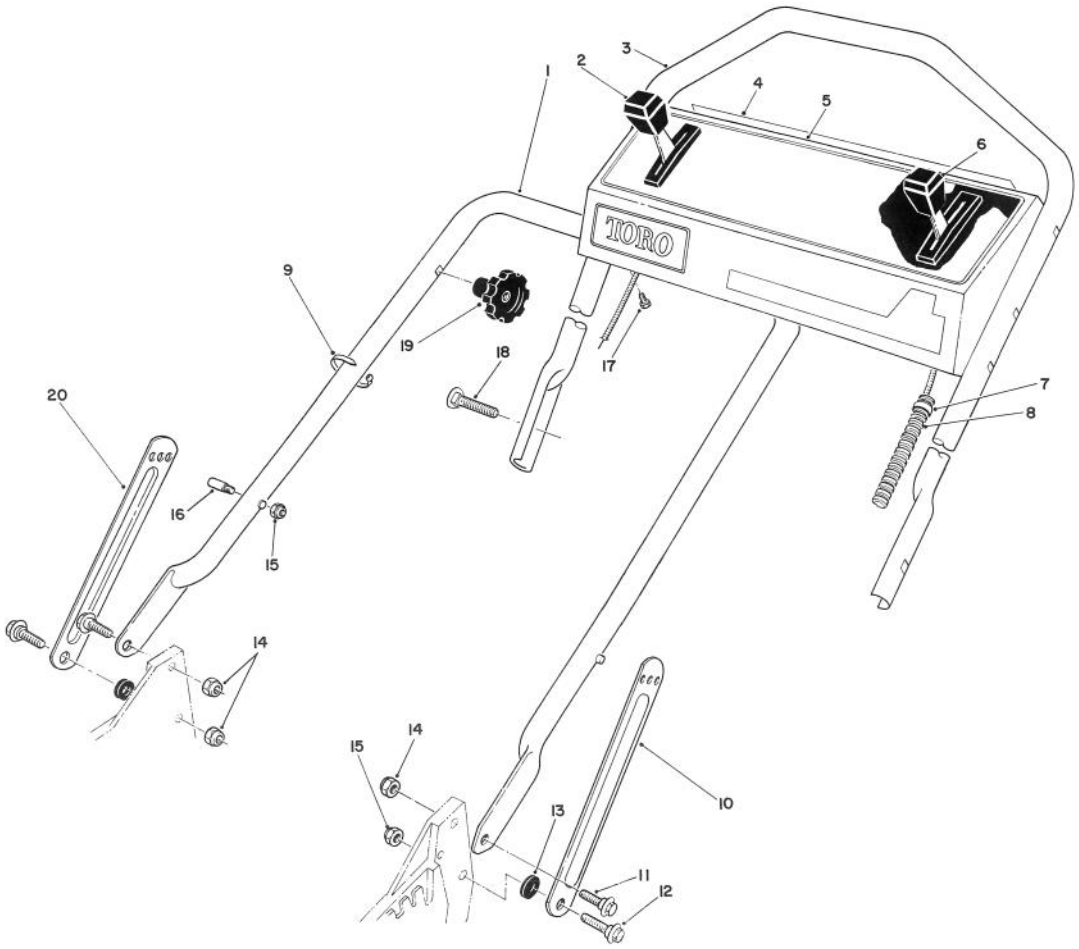
C–0531

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
7	60–9010	Strap – Ground	1

Ref. No.	Part No.	Description	No. Used
8	85–6900	Cable – Brake	1
9	66–5370	Spring – Compression	1
10	53–4690	Stop – Ground Strap	1
11	32144–112	Screw – Self Tapping	1
*	14–6009	Mounting Plate Assembly (Incl. Ref. #2–4, & 7)	1

* Not Illustrated



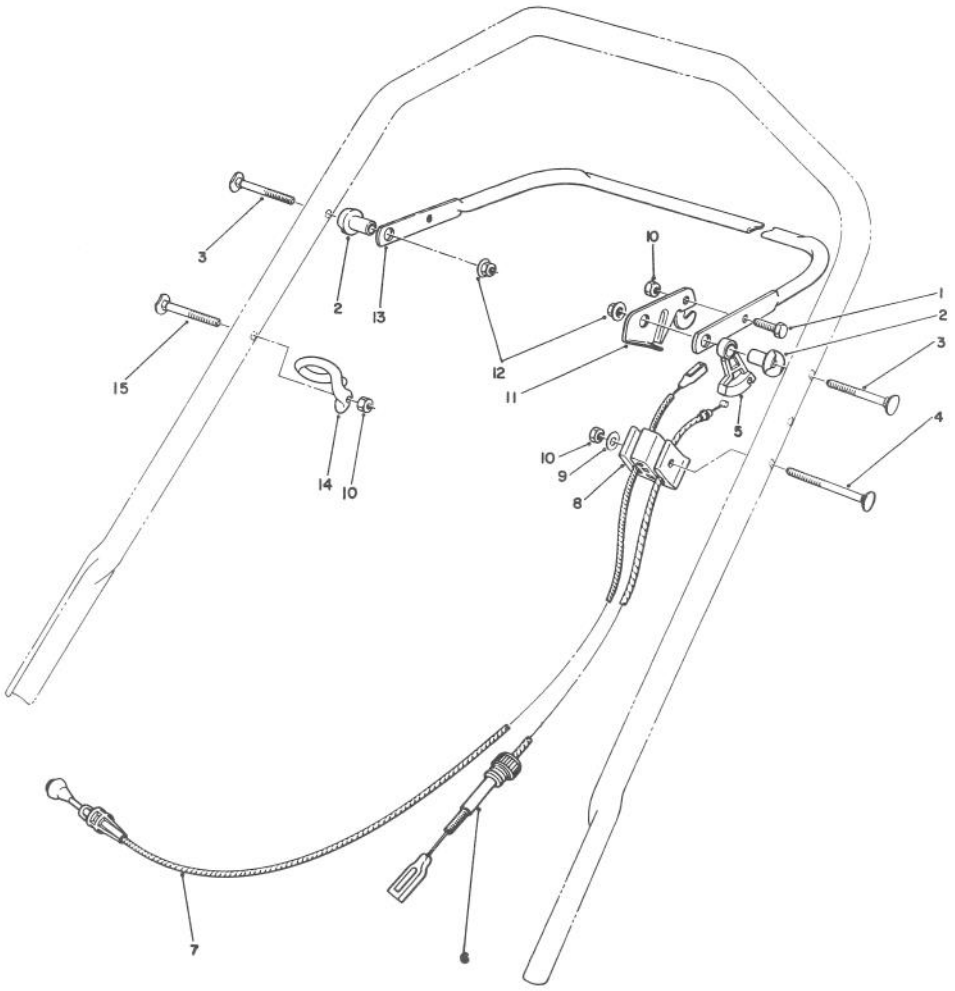
C–0739

HANDLE ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	82–5530	Lower Handle Ass'y	1
2	76–2711	Control – Ground Speed	
3	46–5410	Handle – Upper	1
4	63–9060	Decal – Danger	1
5	14–4089	Panel – Control (Incl. Ref. #4)	1
6	49–4197	Control – Throttle (Bend Type # 1) (Sheath Lg. 54 1/4") (Wlire Lg. 2 3/8")	1
7	2412–50	Clip Convoluted Tubing	4
8	46–6440	Cover – Control Cable	1

Ref. No.	Part No.	Description	No. Used
9	3290–378	Tie – Cable	2
10	84–8360	Latch – Handle L.H.	1
11	27–7211	Screw – Shoulder	2
12	27–7210	Screw – Shoulder	2
13	3–3287	Spacer – Handle Latch	2
14	3296–29	Nut – Lock	3
15	3296–47	Nut – Lock	3
†16	49–2750	Pin – Handle	2
17	32104–76	Screw – Tapping	5
18	17–9421	Screw – Handle	2
19	19–4050	Knob – Handle Release	2
20	84–8400	Latch – Handle R.H.	1

†Service Replacement Part

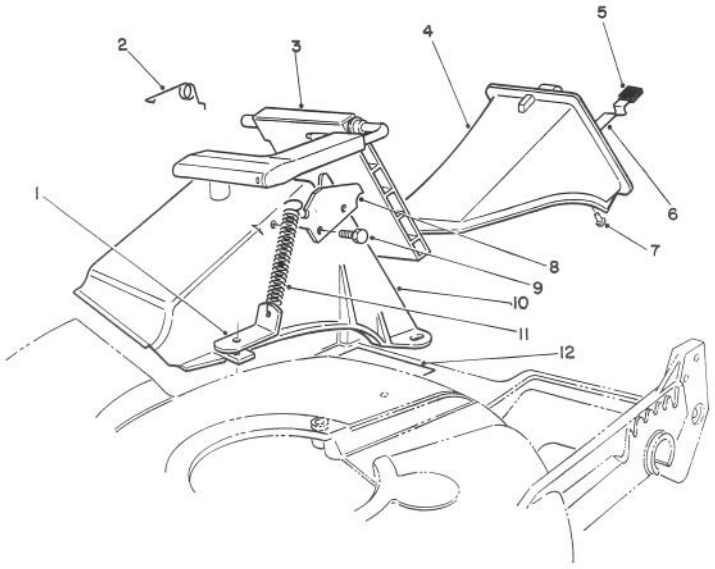


C–1074

TRACTION CONTROL ASSEMBLY

Ref. No.	Part No.	Description	No. Used
1	321–3	Screw – Hex Hd. Cap	1
2	49–1630	Support – Spacer	2
3	17–9421	Screw – Handle	2
4	46–6434	Screw – Handle	1
5	46–5520	Lever – Traction	1
6	46–5481	Cable – Traction	1
7	85–6900	Cable – Brake	1
8	46–6980	Support – Cable	1

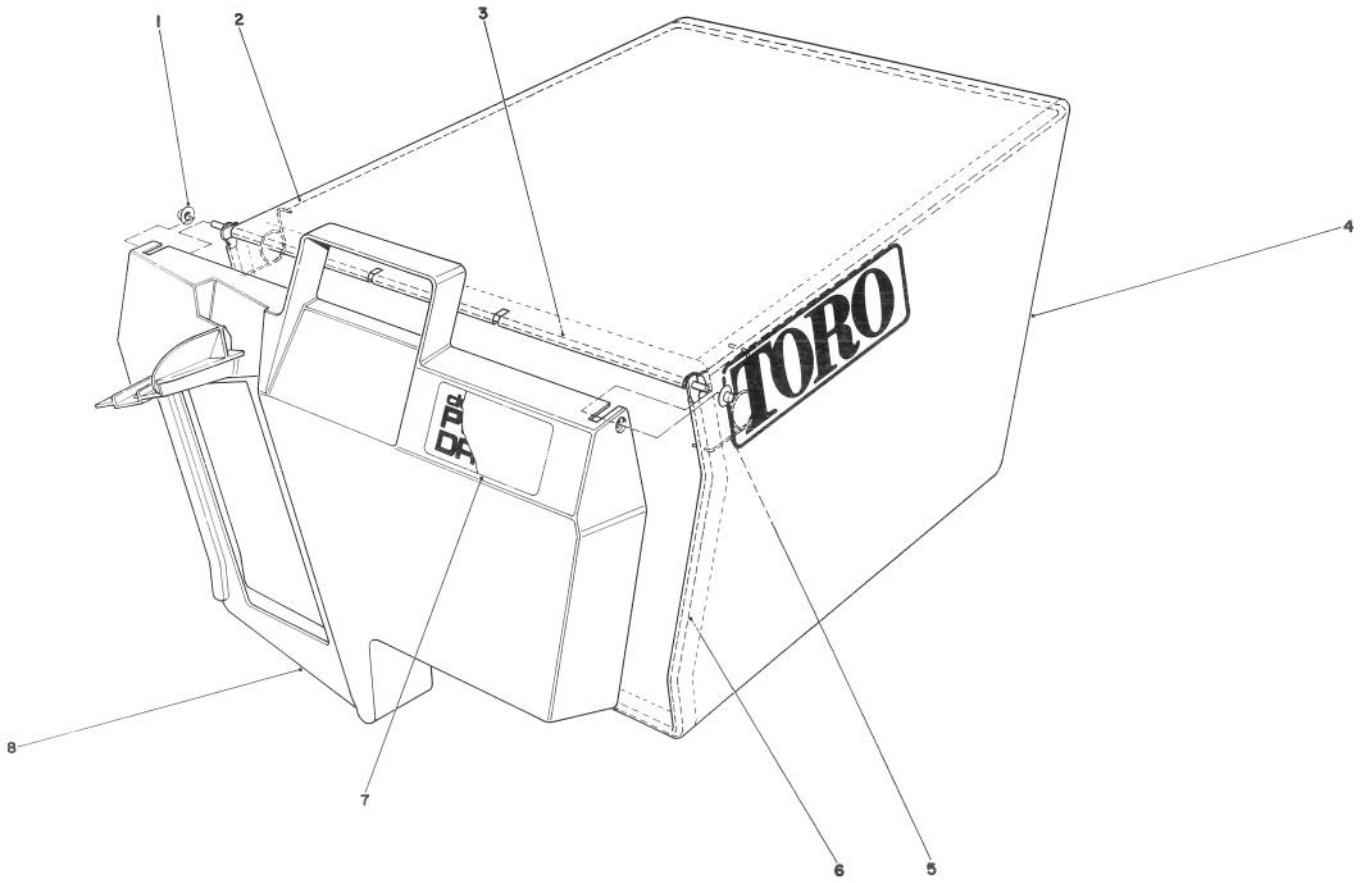
Ref. No.	Part No.	Description	No. Used
9	3256–22	Washer – Flat	1
10	3296–42	Nut – Lock	3
11	66–5350	Lever – Control	1
12	3296–58	Nut – Lock	2
13	52–7430	Bar – Control	1
14	46–8080	Guide – Rope	1
15	46–6433	Screw – Handle	1



C–1034

RECYCLER BAGGING KIT MODEL NO. 59174 (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. #11–13)	1
5	76–4650	Grip – Latch	1
6	76–4640	Latch – Plug	1
7	3295–35	Rivet	1
8	76–4570	Plate – Latch	1
9	46–8090	Screw – Hex Washer Hd. Self Tapping	2
10	82–9150	Tunnel – Discharge	1
11	76–4660	Spring – Door	1
12	82–7960	Decal	1

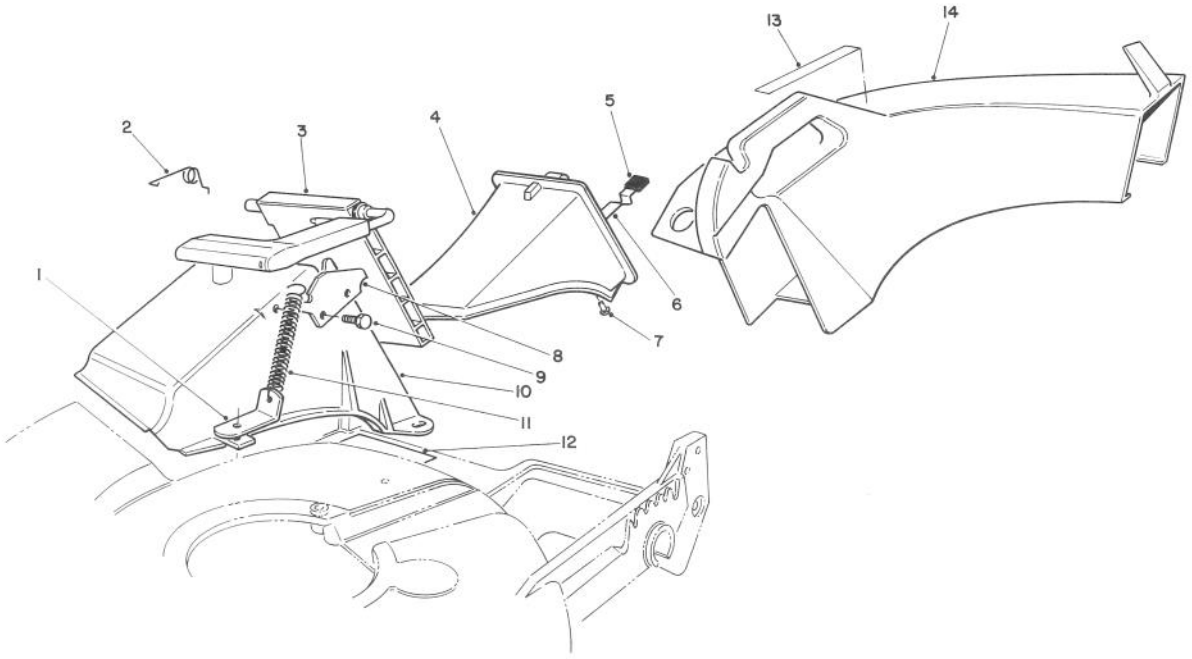


C–0731

RECYCLER BAGGING KIT MODEL NO. 59174 (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	Hing – Bag Door	1
4	44–0522	Bag – Grass	1

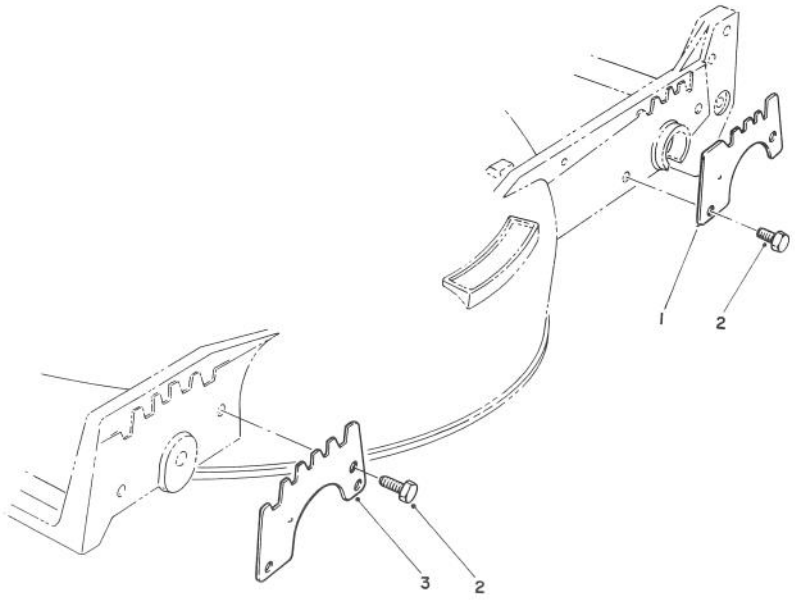
Ref. No.	Part No.	Description	No. Used
5	36–6910	Spring	2
6	42–4020	Frame – Bag	1
7	66–2150	Decal – Bag Door	1
8	37–1393	Door – Grass Bag	1



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
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	76–4780	Decal – Warning	1
14	59168	Chute – Discharge (Incl. Ref. #13)	1

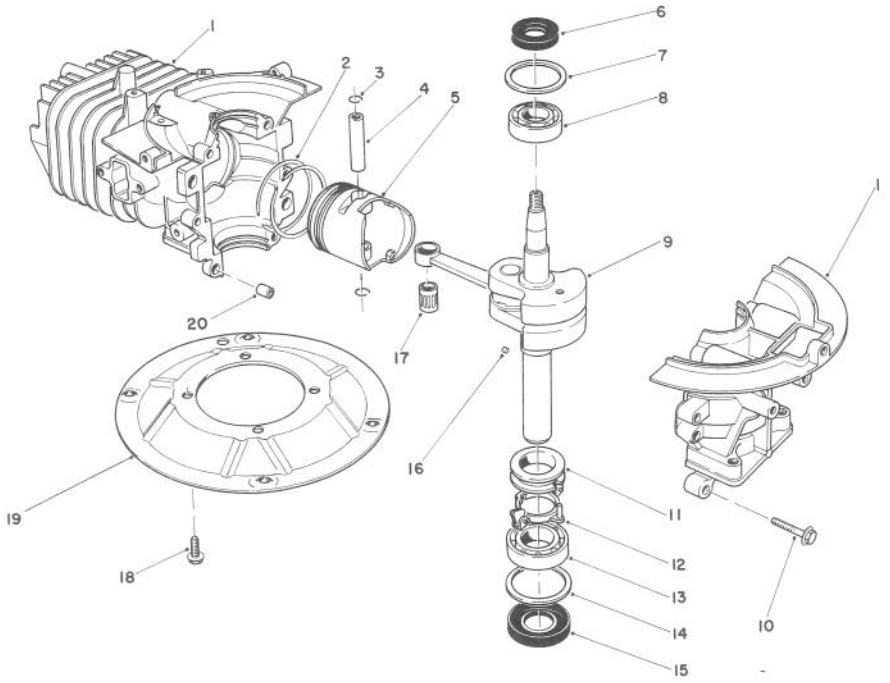


C–0332

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



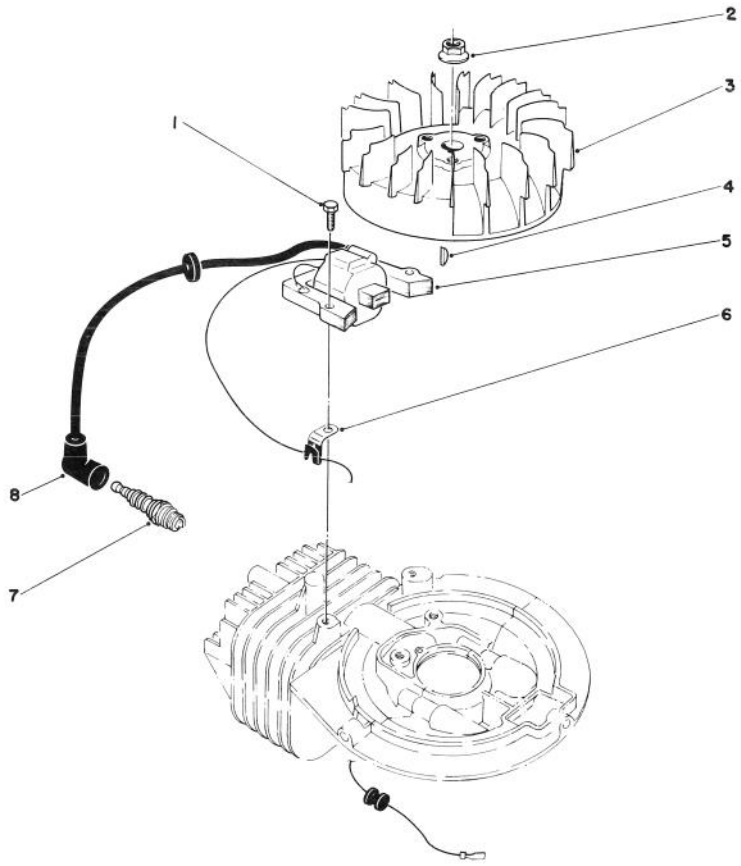
C–0190

CRANK SHAFT ASSEMBLY (Model No. 47PM1–1)

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

*Not Illustrated



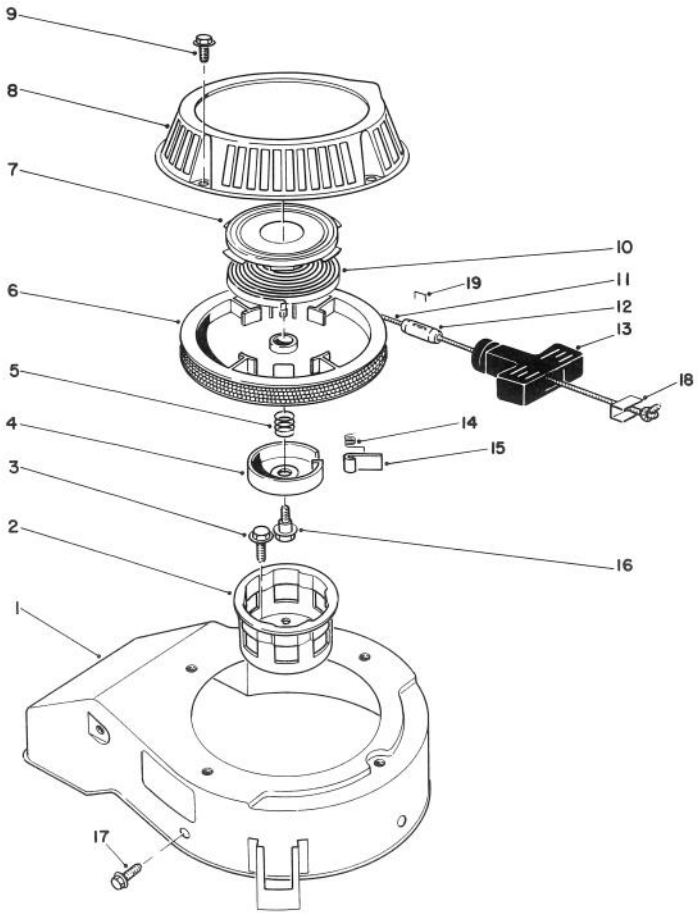
C–0176

IGNITION ASSEMBLY (Model No. 47PM1–1)

Ref. No.	Part No.	Description	No. Used
1	81–5680	Capscrew – Hex Hd.	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



C–0178

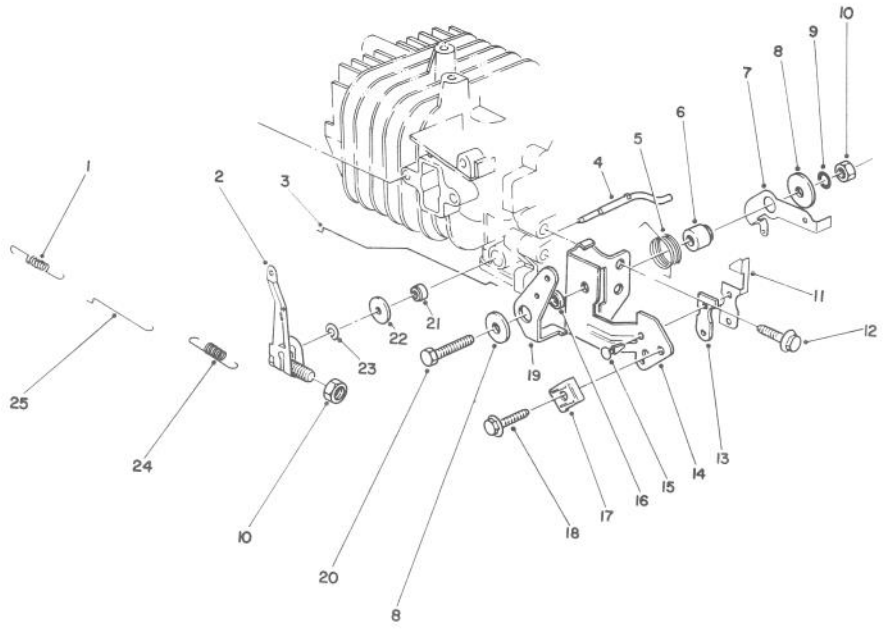
RECOIL ASSEMBLY
(Model No. 47PM1–1)

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		Retainer Cup – Recoil Spring	1
8	81–2090	Case – Recoil	1
9	81–1280	Bolt	4
10		Spring – Recoil	1
11	81–1270	Rope	1
12	81–3980	Stop – Recoil	1

Ref. No.	Part No.	Description	No. Used
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
†18		Staple	1
*	81–2040	Starter Assembly (Incl. Ref. #4–16)	1
*	81–2300	Spring & Retainer (Incl. Ref. #6 & 9)	1

*Not Illustrated

†Obtain Locally

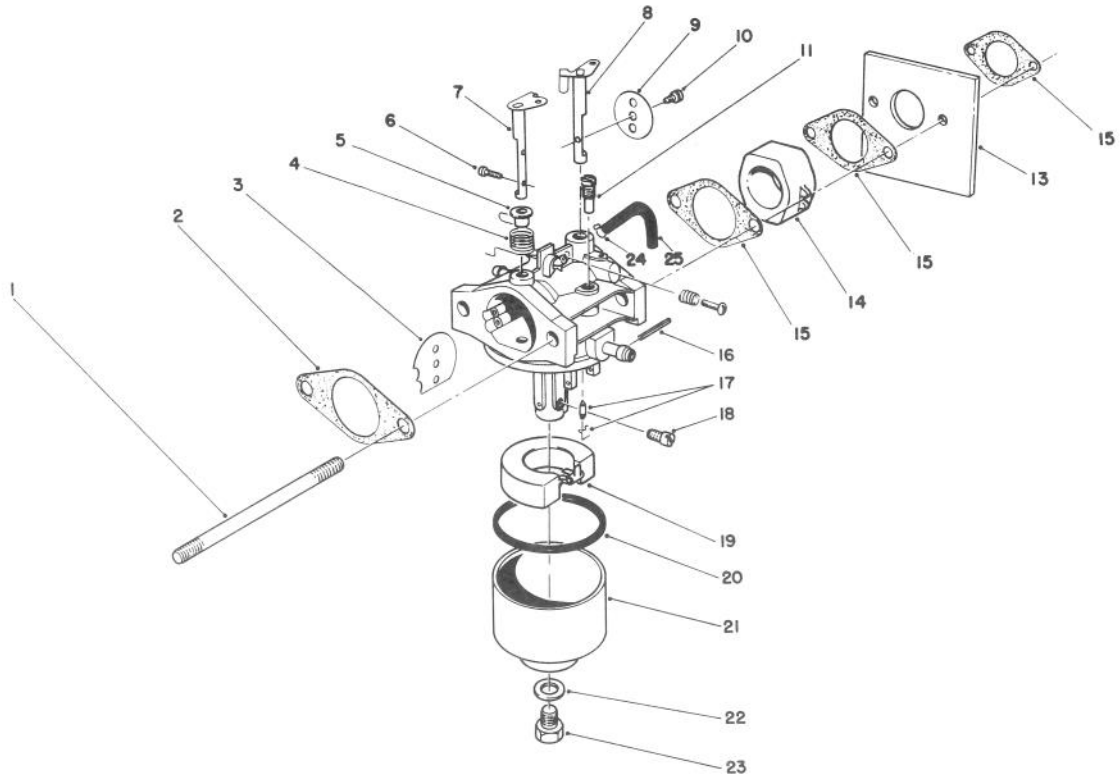


C-0192

GOVERNOR ASSEMBLY (Model No. 47PM1-1)

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	81-1840	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 Brkt.	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



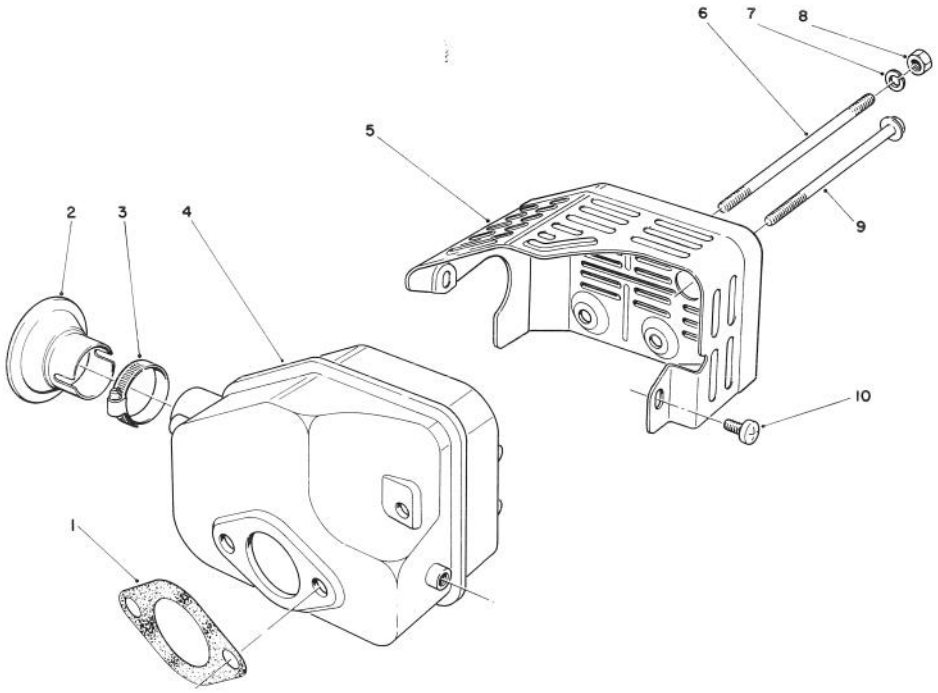
C–0191

CARBURETOR ASSEMBLY (Model No. 47PM1–1)

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
13	81–5490	Shield – Carburetor	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

Ref. No.	Part No.	Description	No. Used
*	81–2340	Jet – Main (#72.5) High Alt., Above 6000 (Optional)	1
19	81–0970	Float	1
20	81–1010	Gasket – Float Bowl	1
21	81–5660	Bowl – Float	1
22	81–1020	Gasket – Bowl Screw	1
23	81–5670	Screw – Bowl	1
24	81–5460	Clamp – Vent Tube	1
25	81–5470	Tube – Vent	1
26	81–2320	Gasket	2
*	12–6379	Carburetor Kit (Incl. Ref. #2, 15, 17, 20, & 22)	1
*	81–5430	Carburetor Assembly – Complete	1
*	81–5810	Needle & Seat Kit (Incl. Valve Seat & Ref. #17)	1

*Not Illustrated



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MUFFLER ASSEMBLY (Model No. 47PM1-1)

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

PRODUCT CHANGES

In an effort to make improvements available to TORO owners as quickly as possible, minor changes are incorporated into Toro's products from time to time that do not become immediately shown in the Parts Catalog. If such a change has been made in your unit, which is not reflected in your manual, see your TORO Distributor or his Authorized TORO Service Dealer for information and part numbers.

COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their Toro Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason you are dissatisfied with your distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

MAINTENANCE RECORD

Date								

Compliance with Radio Interference Regulations Certified.
Certifie Conforme au Reglement sur le Brouillage Radioelectrique.

Litho in U.S.A.

AL-916188

MAINTENANCE RECORD

Date								