



Proline[®] 21" Recycler[®] Mower

Model No. 22043—210000001 and Up

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form **a:b**. The **a** represents the reference number of the entire service assembly and the **b** represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number **6**, the tire by **6:1**, the valve by **6:2**, and the wheel by **6:3**. When you order the assembly identified by reference number **6**, you receive all parts identified by reference numbers **6:1**, **6:2**, and **6:3**. However, you may also order any part individually.

Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form **nX y**. The **n** represents the quantity of the part, the **X** is the multiplication symbol, and the **y** represents the reference number.

For example, in an illustration, the reference number **2X 37** means that two of the parts identified by reference number **37** are indicated.

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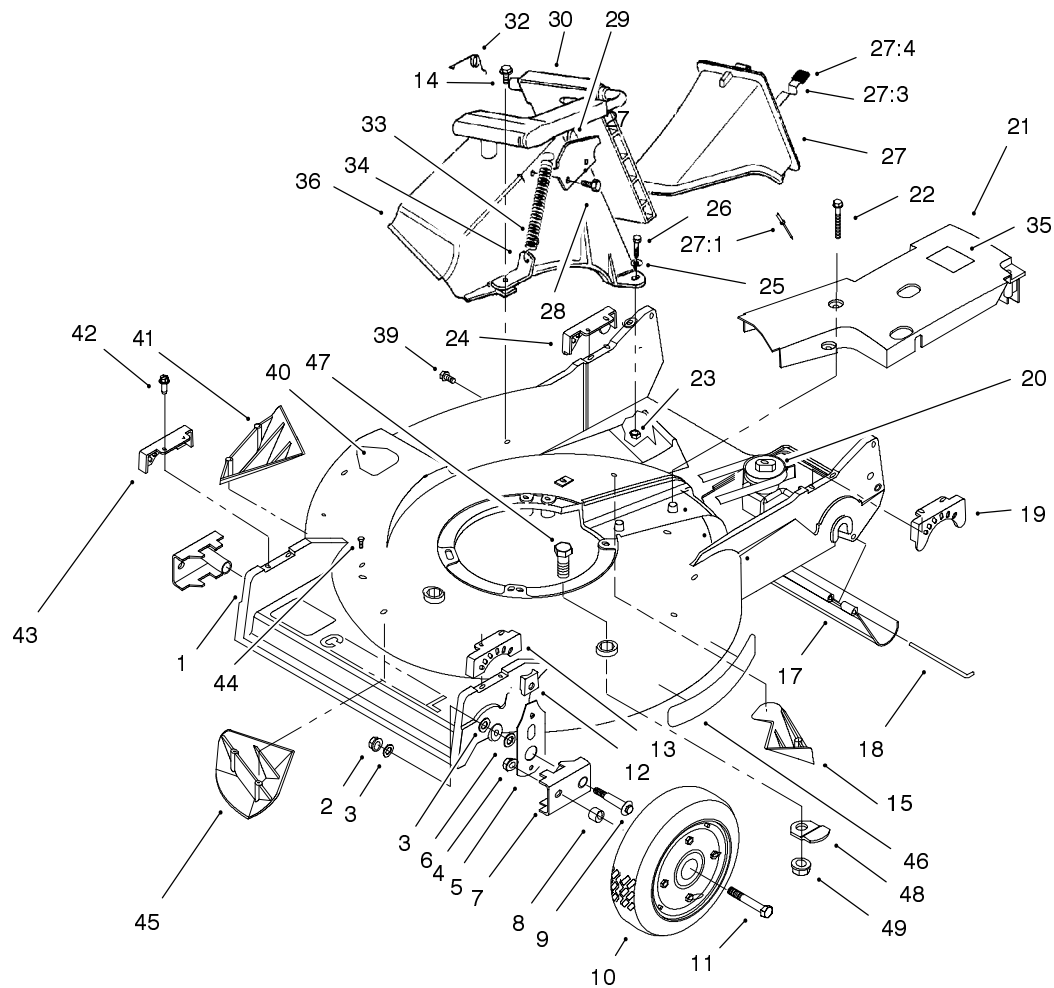
Accessories

Description	Model / Part No.	Description	Model / Part No.
Side Discharge Kit	94-1613	Spark Arrestor Muffler	81-0200

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

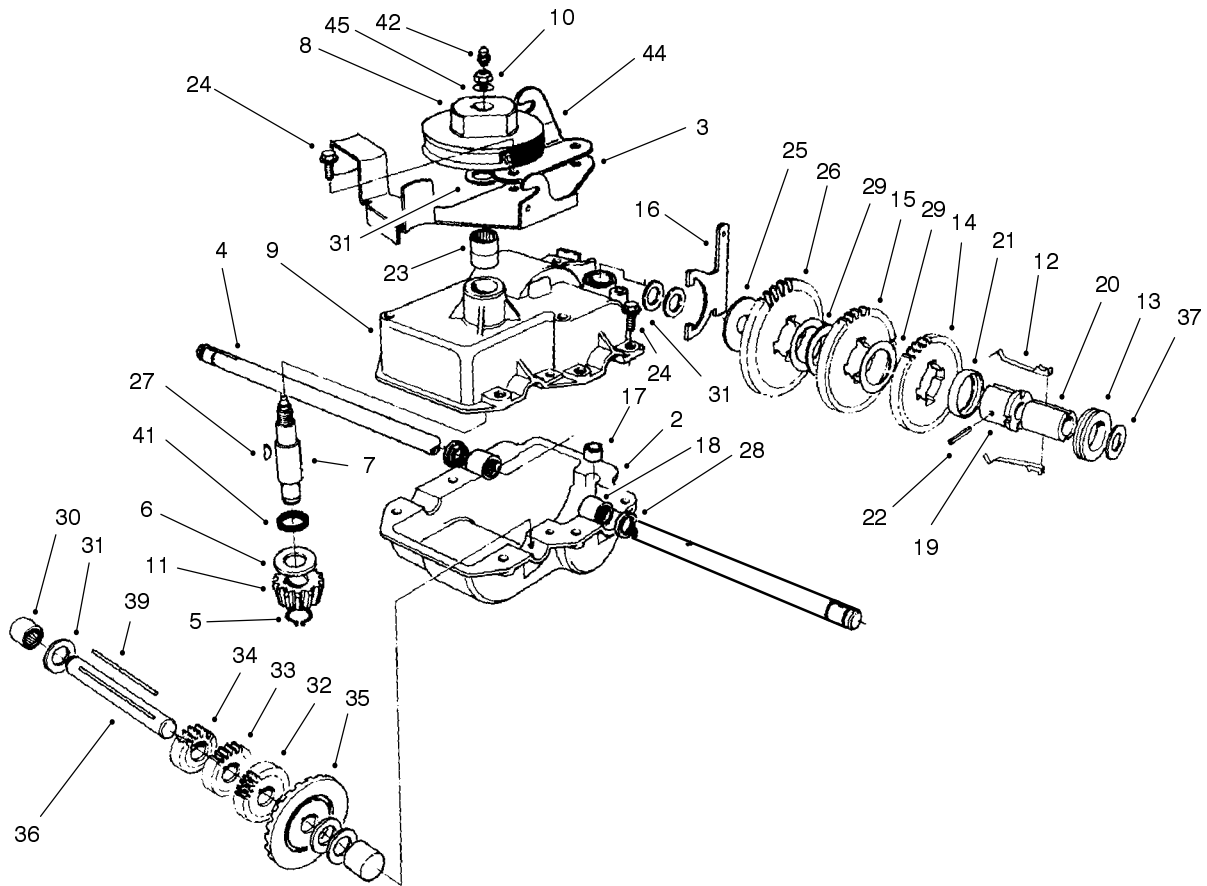
Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	INC	incorporated
ASM	assembly	LH	left hand
CARR	carriage	NI	nylon insert
DEG	degrees	PPH	Phillips pan head
FH	flat head	PTH	Phillips truss head
GA	gauge	PTO	power take off
HF	hex flange	RH	right hand
HH	hex head	SFH	slotted fillister head
HHF	hex head flange	SHH	slotted hex head
HLH	hex lag head	SQH	square head
HJ	hex jam	SHWH	slotted hex washer head
HOC	height-of-cut	SPH	slotted pan head
HS	hex socket	SRH	slotted round head
HSBH	hex socket button head	STD	standard
HSFH	hex socket flat head	TAP	self tapping
HSH	hex socket head	TTH	Torx truss head
HWH	hex washer head	WH	wing head
HWHTF	hex washer head thread forming		



Sheet No.:2

Housing Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	85-7103-01	1	Housing	27:1	3295-35	1	Rivet-Head, Flat
2	3296-6	2	Nut-Lock, NI	27:3	76-4640	1	Latch-Plug, Discharge
3	40-1940	4	Washer	27:4	76-4650	1	Grip-Latch
4	32152-2	2	Nut-Conelock	28	46-8090	2	Screw-Plastite
5	66-7560	2	Front Spring Arm ASM	29	93-3154	1	Latch-Plate
6	257-3	2	Washer-Thrust	30	93-7351	1	Discharge Door ASM
7	61-8300	2	Arm-Pivot, Front	32	80-3770	1	Retainer-Door
8	52-2480	2	Spacer-Wheel	33	76-4660	1	Spring-Door
9	27-6232	2	Bolt-Wheel	34	71-9350	1	Bracket-Spring
10	53-7720	2	Wheel & Tire ASM	35	52-2620	1	Label-Grease
11	323-12	2	Screw-HH	36	82-9152	1	Tunnel-Discharge
12	25-7740	2	Knob-Arm	39	46-6810	1	Screw & Washer ASM
13	49-8760	1	Quadrant-Front, LH	40	43-8480	1	Decal-Danger
14	46-6811	1	Screw-HWH	41	92-1730	1	Kicker-RH
15	92-1750	1	Kicker-Rear	42	49-2040	8	Screw-Tapping
17	44-0580	1	Shield-Trailing	43	49-8770	1	Quadrant-Front, RH
18	33-3208	1	Rod-Shield	44	32144-111	6	Screw-PPH
19	49-8740	1	Quadrant-Rear, LH	45	92-1720	1	Kicker-Front
20	74-1861	1	Gear Case ASM	46	92-7988	1	Decal - Recycler
21	74-1770	1	Cover-Belt	47	323-6	2	Screw-HH
22	37-7260	2	Screw-HH	48	84-8930	2	Shield-Retainer
23	3296-42	2	Nut-Lock NI	49	3296-39	2	Nut-Lock, NI
24	49-8750	1	Quadrant-Rear, RH				
25	3256-22	2	Washer-Flat				
26	321-7	2	Screw-HH				
27	77-0500	1	Discharge Plug ASM				

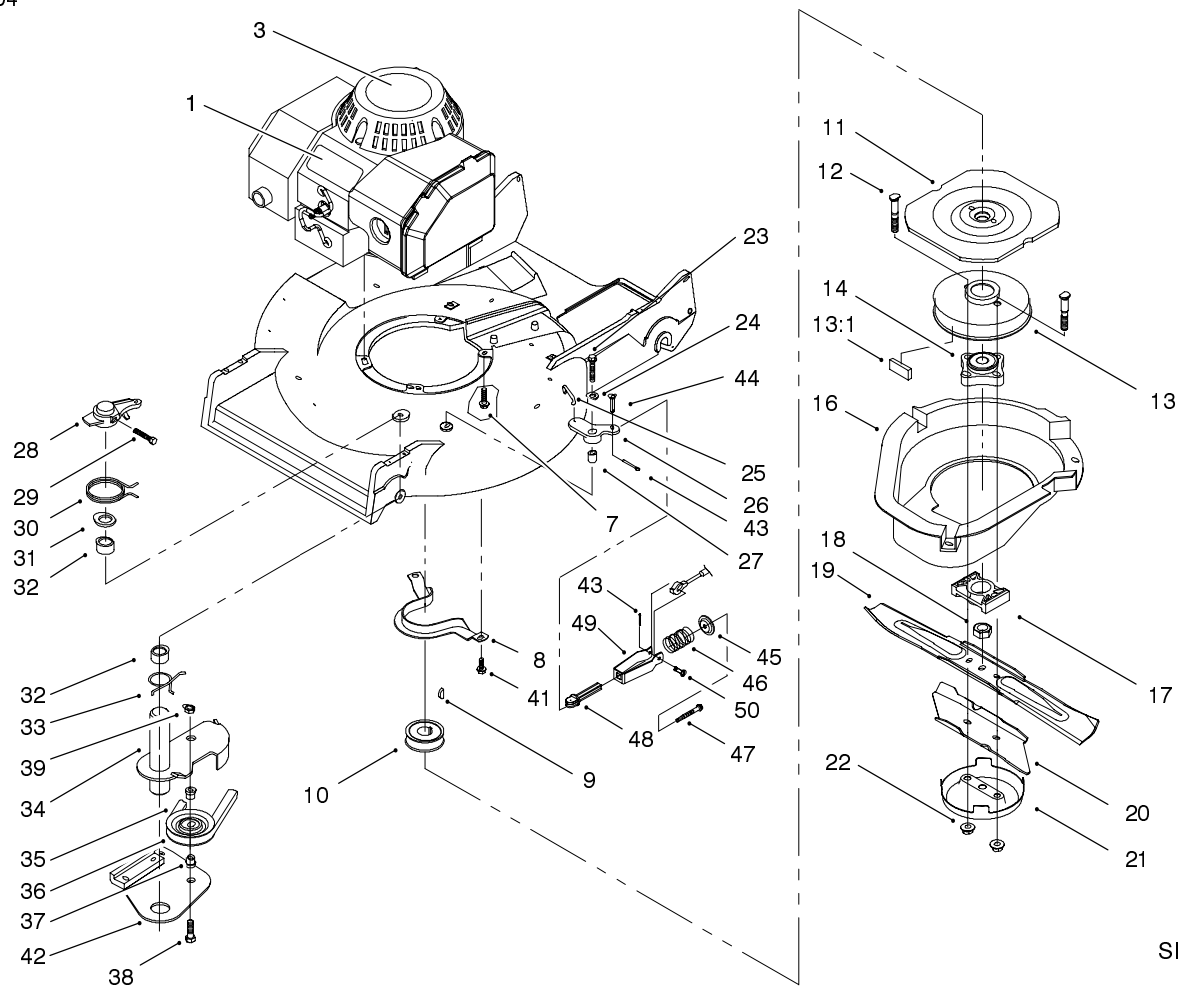


Sheet No.:A2

C-2990

Gear Case Assembly No. 74-1861

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
2	74-1920	1	Case-Gear, Lower	28	48-2060	2	Bearing-Roller
3	49-8461-03	1	Bracket-Guide, Belt	29	36-4770	3	Washer
4	74-1890	1	Shaft-Output	30	252-103	2	Bearing-Closed
5	32151-57	1	Ring-Retaining	31	36-4792	4	Washer-Thrust
6	47-2910	1	Washer-Thrust	32	39-6650	1	Gear-18t
7	68-8190	1	Shaft-Input	33	46-3550	1	Gear-14t
8	39-6740	1	Pulley	34	46-3540	1	Gear-12t
9	74-1880	1	Case-Gear, Upper	35	74-1760	1	Gear-Bevel
10	3296-5	1	Nut-Lock NI	36	53-7950	1	Shaft-Intermediate
11	39-6660	1	Pinion-Bevel	37	36-4780	3	Washer
12	29-9330	2	Key	39	39-7842	1	Key
13	29-9340	1	Collar-Shift	41	47-7260	1	Seal
14	42-4740	1	Gear-38 Tooth	42	302-63	1	Zerk
15	29-9271	1	Gear-42 Tooth	44	74-1750-03	1	Brake-Engage, Traction
16	60-8870	1	Yoke-Shift	45	3256-45	1	Washer-Flat
17	29-9570	1	Bushing-Yoke				
18	47-6730	2	Seal-Oil				
19	55-8010	1	Sleeve-Gear				
20	39-6720	1	Sleeve				
21	55-8020	1	Retainer-Key				
22	3285-19	1	Pin-Groove				
23	47-7270	2	Bearing				
24	49-2040	6	Screw-Tapping				
25	29-9690	1	Washer				
26	46-3560	1	Gear				
27	3257-1	2	Key-Woodruff				

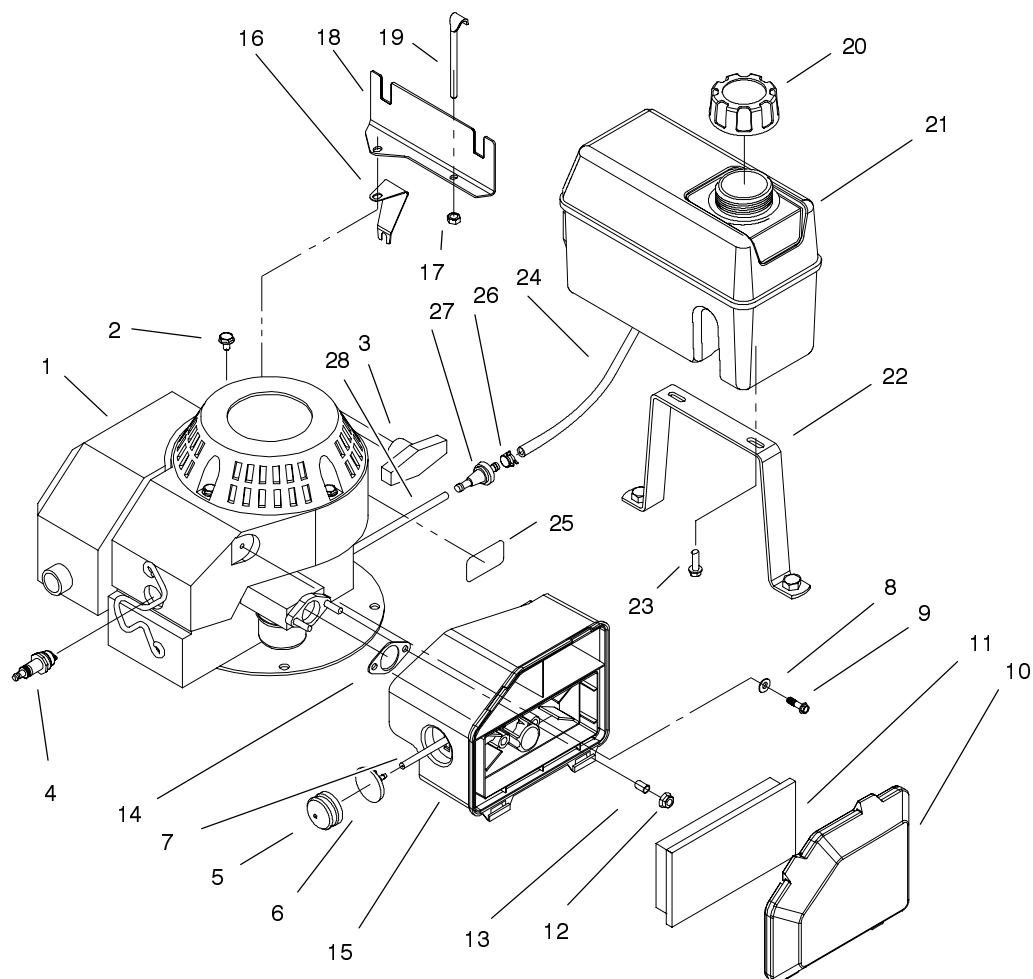


Sheet No.:3

Blade Brake Clutch Assembly

Ref. No.	Part No.	Qty.	Description
1	71-1260	1	Decal - Proline
3	104-1334	1	Decal-2 Cyc Recoil
7	66-9300	4	Screw-HF
8	66-0570-03	1	Bracket-Guide, Belt
9	3257-17	1	Key-Woodruff
10	56-6180	1	Driver-Pulley
11	56-6160-03	1	Flywheel - Bbc
12	42-3190	2	Bolt-Blade
13	94-9431	1	Brake Drum ASM
13:1	52-3480	2	Dampner-Vibration
14	42-6890	1	Hub ASM
16	46-5693	1	Shield
17	62-4280	1	Spacer-Blade
18	603164	1	Nut-Blade
19	91-2256-03	1	Blade
20	91-2255-03	1	Stiffener-Blade
21	80-2770	1	Cup-Anti-Scalp
22	54-9190	2	Nut-Lock
23	32104-107	1	Screw-HH
24	3256-23	1	Washer-Flat
25	49-2810	1	Link - Control
26	49-7960	1	Bellcrank
27	49-7950	1	Sleeve-Bellcrank
28	49-2820	1	Lever
29	32104-96	1	Screw-HH
30	49-7970	1	Spring-Torsion

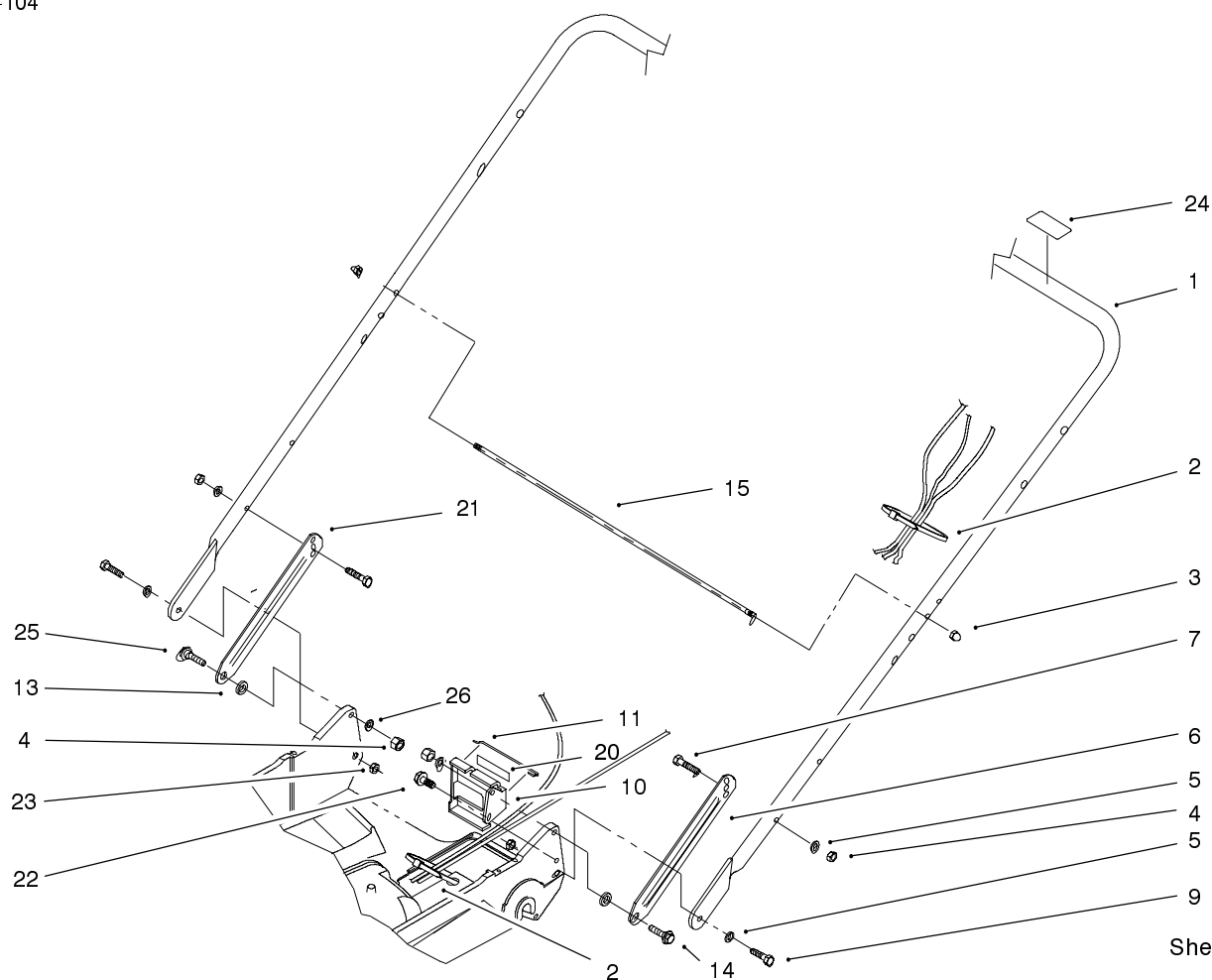
Ref. No.	Part No.	Qty.	Description
31	70-1160	1	Washer
32	68-9780	2	Bearing
33	85-6880	1	Spring-Torsion
34	84-9130	1	Plate-Brake
35	42-0884	1	V-Belt
36	46-5650	1	Pulley-Idler
37	46-5631	2	Hub-Pulley, Idler
38	322-6	1	Screw-HH
39	3296-47	1	Nut-Lock, NI
41	32144-70	2	Screw-HH
42	84-9180	1	Brake Plate ASM
43	3272-1	2	Pin-Cotter
44	84-9050	1	Pin-Spring
45	65-5280	1	Retainer-Spring
46	84-9100	1	Spring
47	46-7040	1	Screw-HWHTF
48	84-8870	1	Guide-Spring
49	84-8880-03	1	Bracket-Spring
50	84-9040	1	Pin-Cable



Sheet No.:4

Fuel Tank And Bracket Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	51-0404	1	Engine ASM-Bbc 2 Cycle	26	2412-95	4	Clamp-Fuel Line
2	81-1280	4	Bolt	27	71-9280	1	Filter-Fuel
3	81-2030	1	Starter ASM	28	51-3211	1	Line-Gas
4	81-0181	1	Sparkplug				
5	66-7460	1	Bulb-Primer				
6	44-2750	1	Body-Primer				
7	44-3172	1	Hose-Primer				
8	3256-16	1	Washer-Flat				
9	51-2690	1	Screw-HH				
10	63-9340	1	Cover-Air Cleaner				
11	63-9380	1	Element-Air Cleaner				
12	50-7180	2	Nut				
13	62-3980	2	Spacer				
14	81-0090	1	Gasket-Air Cleaner				
15	63-9330	1	Body-Air Cleaner				
16	77-0520-03	1	Support-Tank Bracket				
17	3296-42	1	Nut-Lock NI				
18	74-2110-03	1	Bracket-Tank				
19	77-2840	1	Retainer - Fuel Tank				
20	55-3575	1	Gas Cap ASM				
21	104-1327	1	Tank-Gas				
22	84-9160-03	1	Base-Tank				
23	46-8091	2	Screw-HWH				
24	68-3633	1	Line-Fuel				
25	62-7600	1	Decal - Fuel				

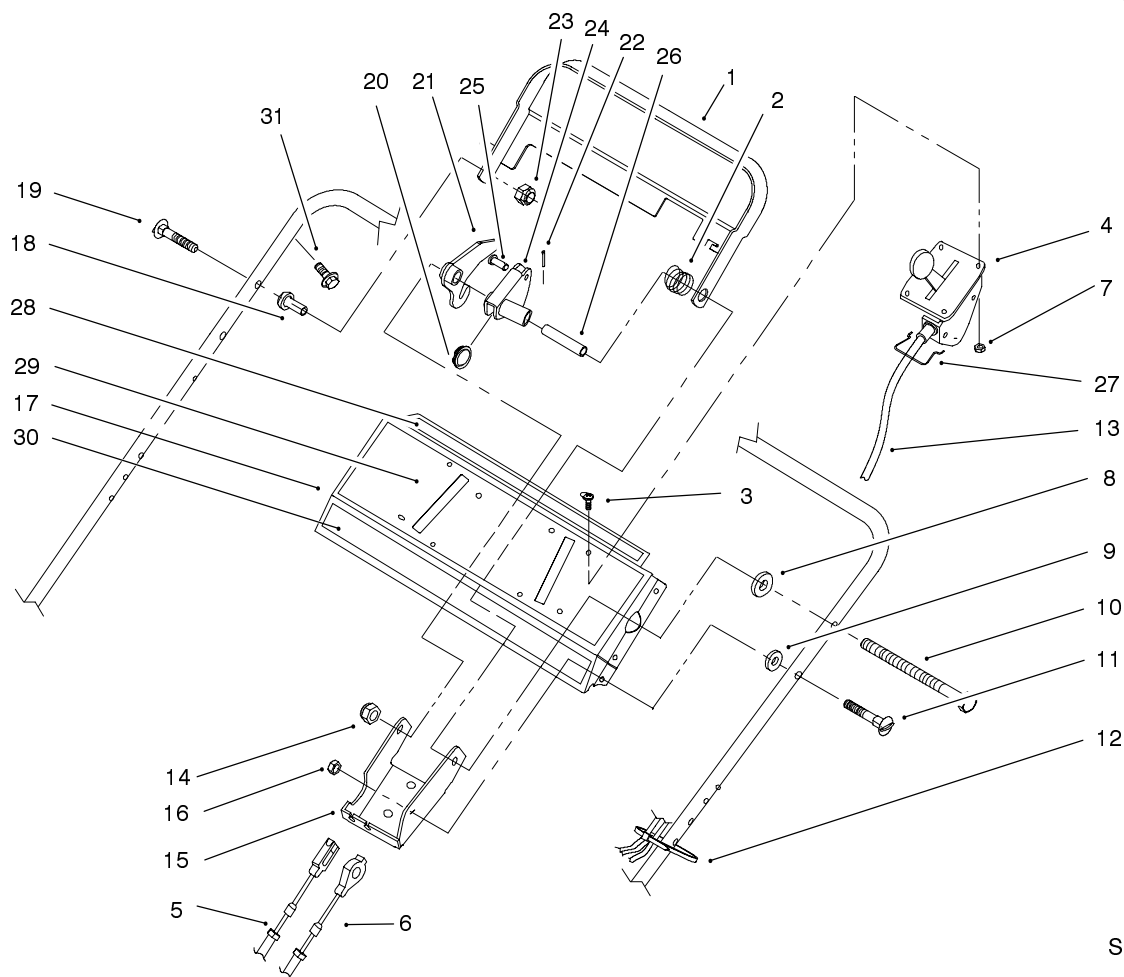


Sheet No.:5

Handle and Handle Latch Assembly

Ref. No.	Part No.	Qty.	Description
1	98-2385-03	1	Handle
2	3290-378	2	Tie-Cable
3	32111-7	2	Nut-Cap
4	3296-29	4	Nut-Lock
5	3290-456	4	Washer-Belleville
6	100-3298-03	1	Latch-Handle, LH
7	322-7	2	Screw-HH
9	322-6	2	Screw-HH
10	74-1741	1	Bracket-Traction Adjustment
11	46-7030	1	Retainer-Cable
13	3-3287	2	Spacer-Latch, Handle
14	27-7210	1	Screw-Shoulder
15	48-2810	1	Rod-Support, Bag
20	74-1970	1	Decal-Position, Gear
21	100-3297-03	1	Latch-Handle, RH
22	32144-70	1	Screw-HH
23	3296-47	2	Nut-Lock, NI
24	98-4387	1	Decal-Protection, Ear
25	27-7211	1	Screw-Shoulder
26	3256-23	2	Washer-Flat

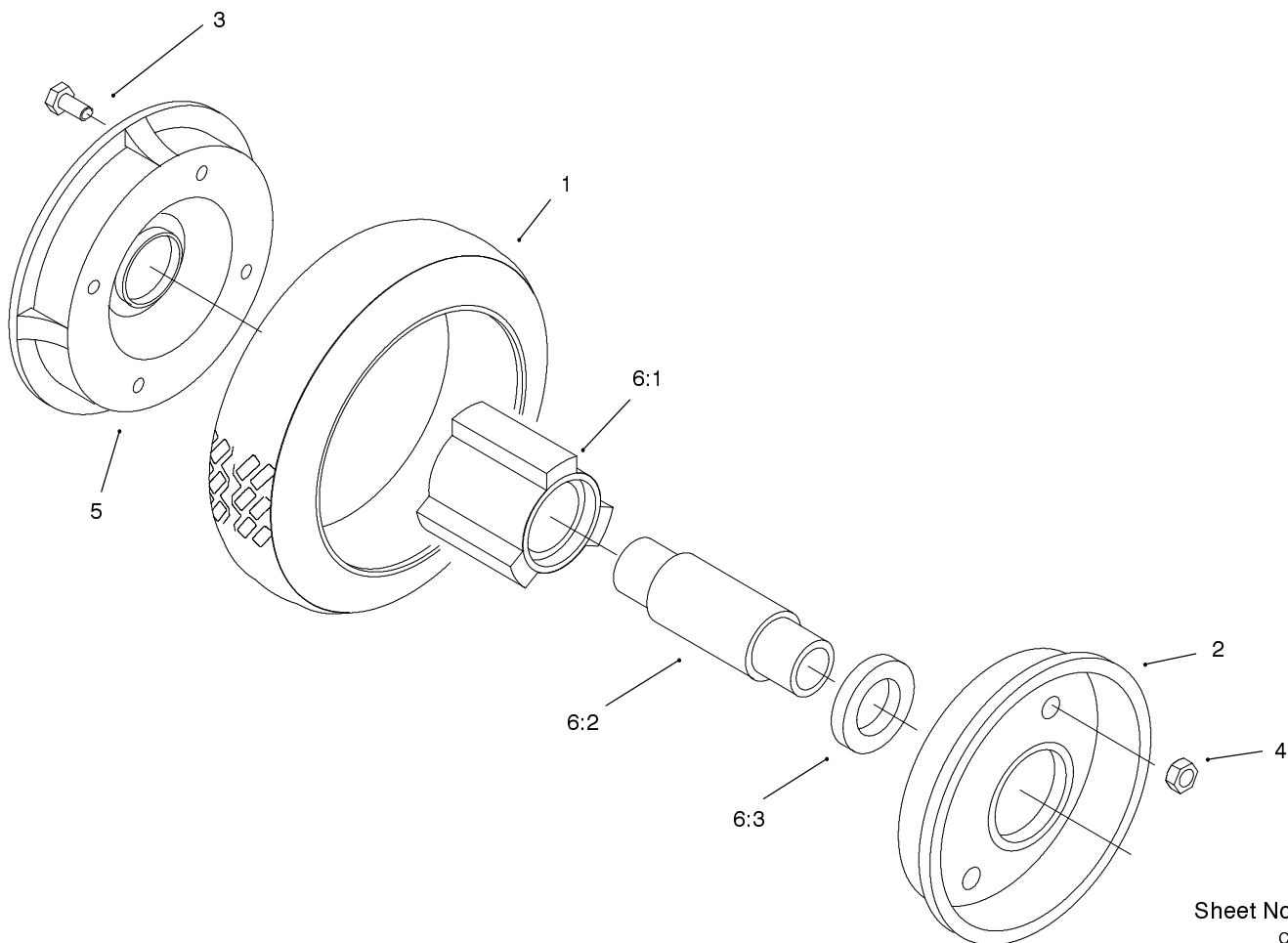
Ref. No.	Part No.	Qty.	Description



Sheet No.:6

Controls, Bails and Panel Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	84-8940-03	1	Bar-Control	26	84-9030	1	Spacer-Bracket, Control
2	85-6750	1	Spring-Control	27	85-6780	1	Retainer-Cable, Throttle
3	3250-12	4	Screw-PPH	28	63-9060	1	Decal - Danger Panel
4	85-6770	1	Control-Throttle	29	85-6730	1	Decal-Control Panel
5	84-9120	1	Cable-Traction	30	85-6720	1	Decal-Panel, Proline
6	84-9110	1	Cable-Clutch	31	32104-76	6	Screw
7	3296-2	4	Nut-Lock				
8	71-9310	1	Spacer				
9	71-9320	1	Spacer				
10	322-19	1	Screw-HH				
11	46-6430	1	Screw-Handle				
12	3290-378	1	Tie-Cable				
13	85-6760	1	Cable-Throttle				
14	3296-29	1	Nut-Lock				
15	92-1778-03	1	Bracket-Control				
16	3296-42	1	Nut-Lock NI				
17	84-9090-01	1	Panel-Control				
18	49-1631	1	Spacer-Support				
19	17-9427	1	Screw				
20	86-9320	1	Bushing-Flange				
21	84-9000	1	Lever-Traction				
22	3272-1	1	Pin-Cotter				
23	3296-58	1	Nut-Lock NI				
24	84-8990	1	Lever-Bbc				
25	84-9040	1	Pin-Cable				

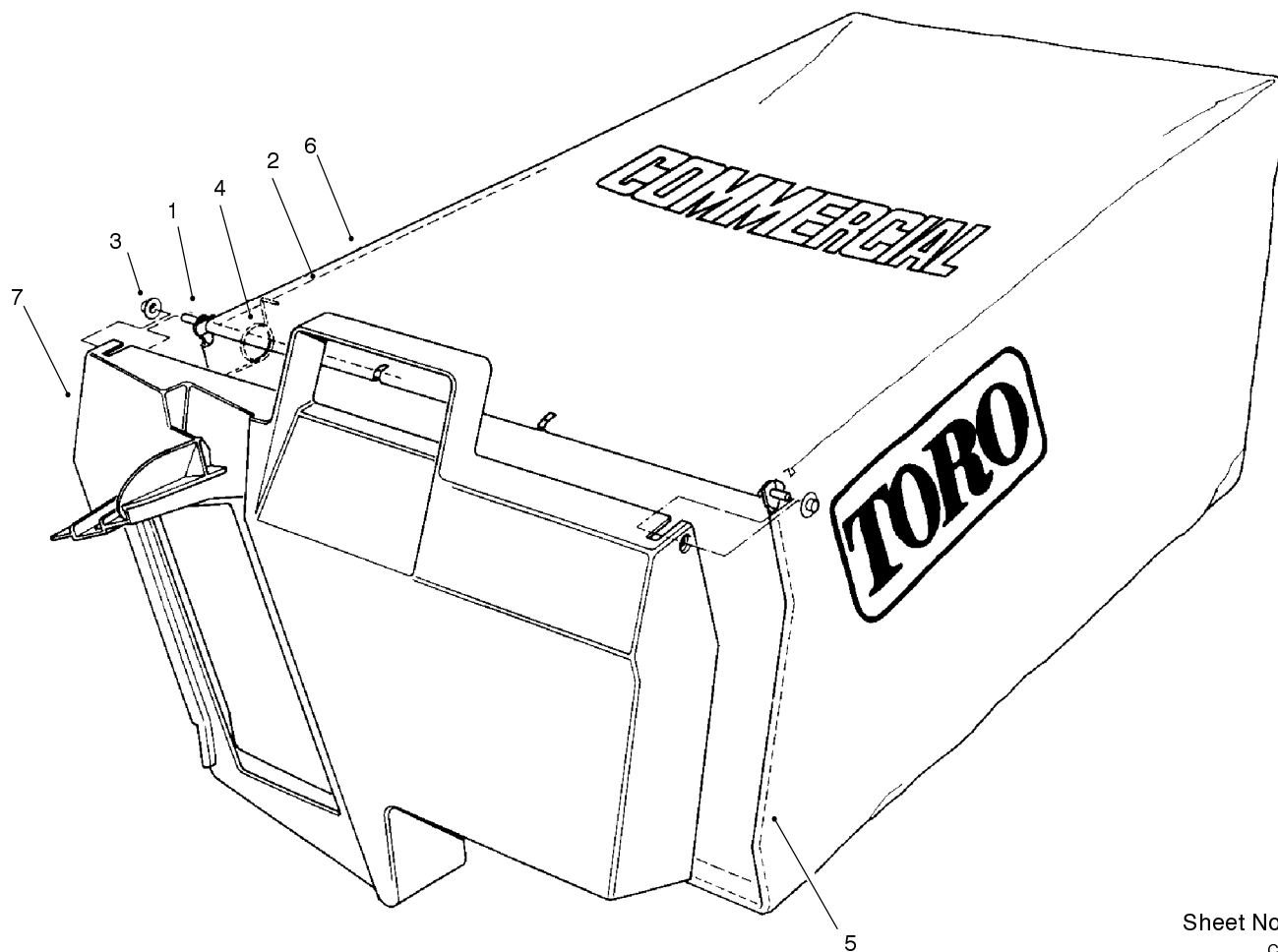


Sheet No.:A3
C-2991

Rear Wheel and Tire Assembly No. 74-1720

Ref. No.	Part No.	Qty.	Description
1	53-7740	1	Tire
2	53-7780-06	1	Plate-Wheel, Half
3	321-2	4	Screw-HH
4	3296-42	4	Nut-Lock NI
5	92-4957-06	1	Wheel Half/Gear ASM
☆6		1	Hub & Bearing ASM
6:1	52-2410	1	Hub-Bearing
6:2	52-2440	1	Spacer-Bearing
6:3	52-2450	2	Bearing-Wheel

☆ Not serviced

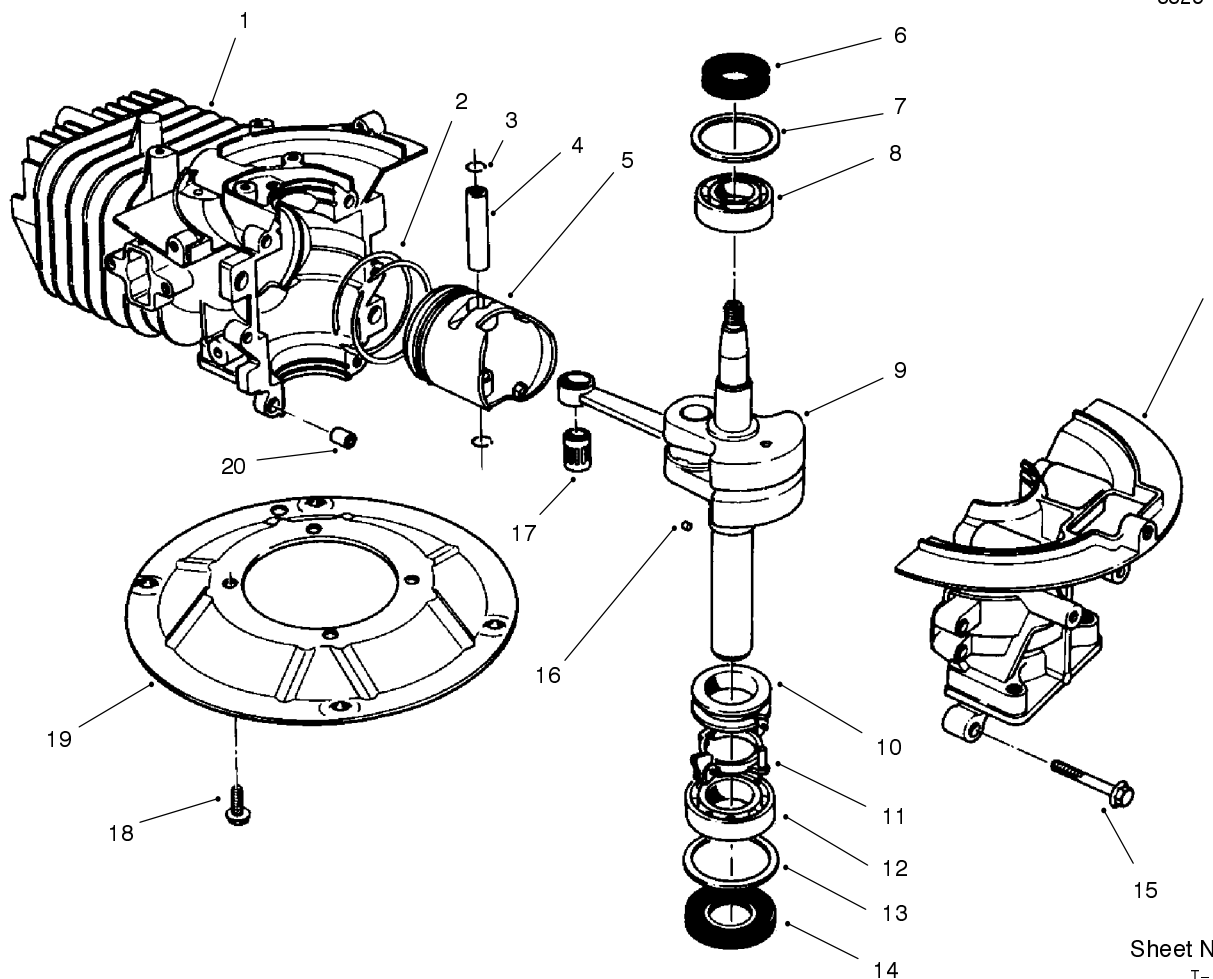


Sheet No.:A4
C-2992

Grass Bag Assembly No. 99-2535

Ref. No.	Part No.	Qty.	Description
	99-2535	1	Grass Bag ASM
1	33-4820	1	Hinge-Door, Bag
2	42-4030	1	Frame-Bag, Upper
3	3290-422	2	Nut-Push
4	36-6910	2	Spring
5	42-4020	1	Frame-Bag
6	98-9225	1	Bag-Grass
7	48-2840	1	Door-Bag, Grass

Ref. No.	Part No.	Qty.	Description



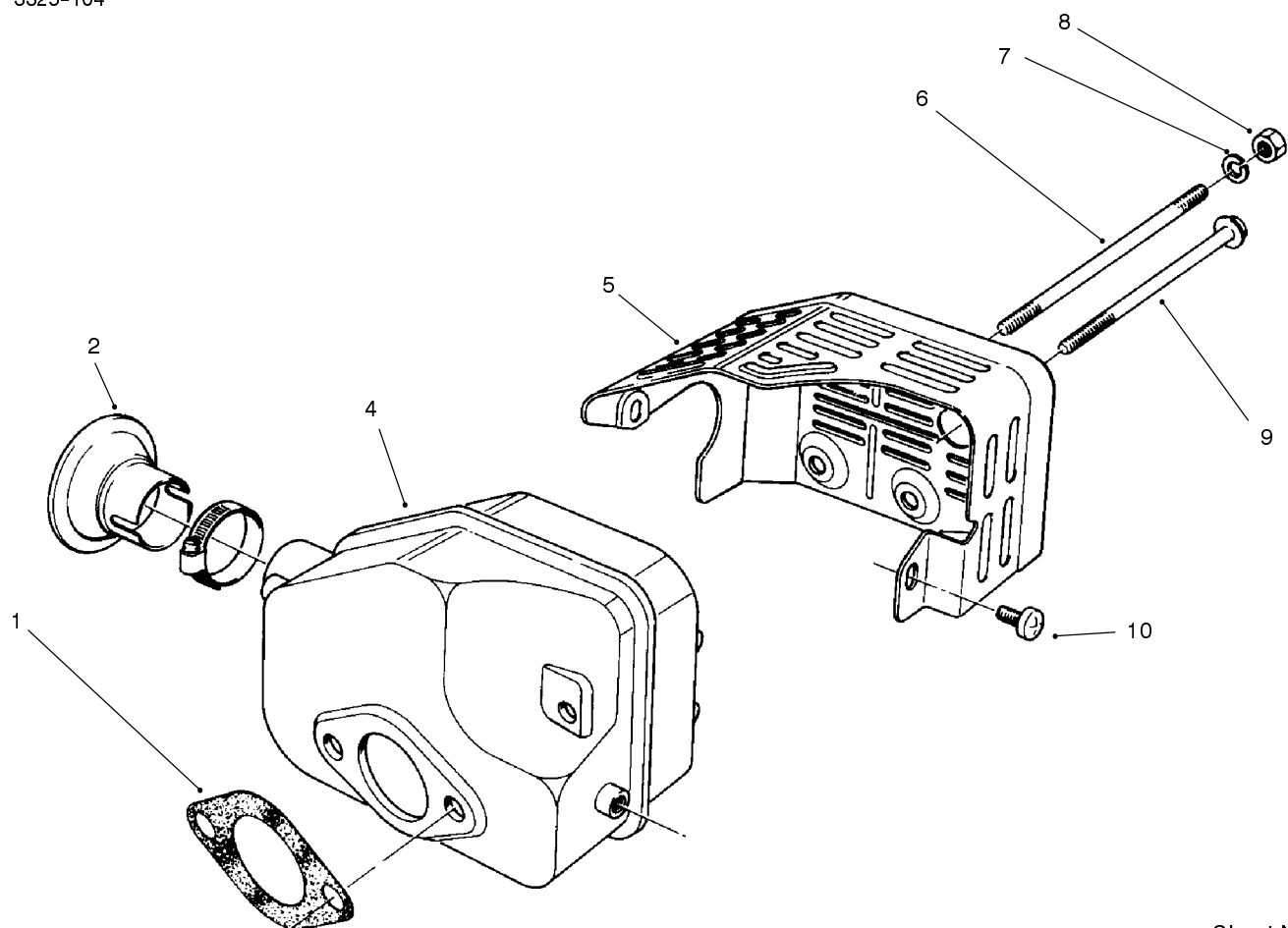
Sheet No.:50

T-0663

Crankcase and Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
1	94-1685	1	ASM - Crankcase
2	81-0590	1	Ring Set
3	81-0620	2	Clip
4	81-0600	1	Piston Pin
5	81-2140	1	Piston
6	81-0720	1	Seal-Oil
7	81-0710	1	Washer-Upper
8	81-0690	1	Bearing-Upper
9	81-4670	1	Crankshaft
10	81-0770	1	Spacer
11	81-0750	1	Bracket
12	81-0700	1	Bearing-Lower
13	81-0730	1	Washer-Lower
14	81-0740	1	Seal-Oil
15	81-0540	5	Bolt
16	81-0760	1	Pin
17	81-0610	1	Bearing
18	81-0570	4	Bolt
19	81-0560	1	Plate-Mounting
20	81-0520	2	Pin
*21	98-2049	1	ASM-Short Block 2 Cyc Bbc

* Not illustrated



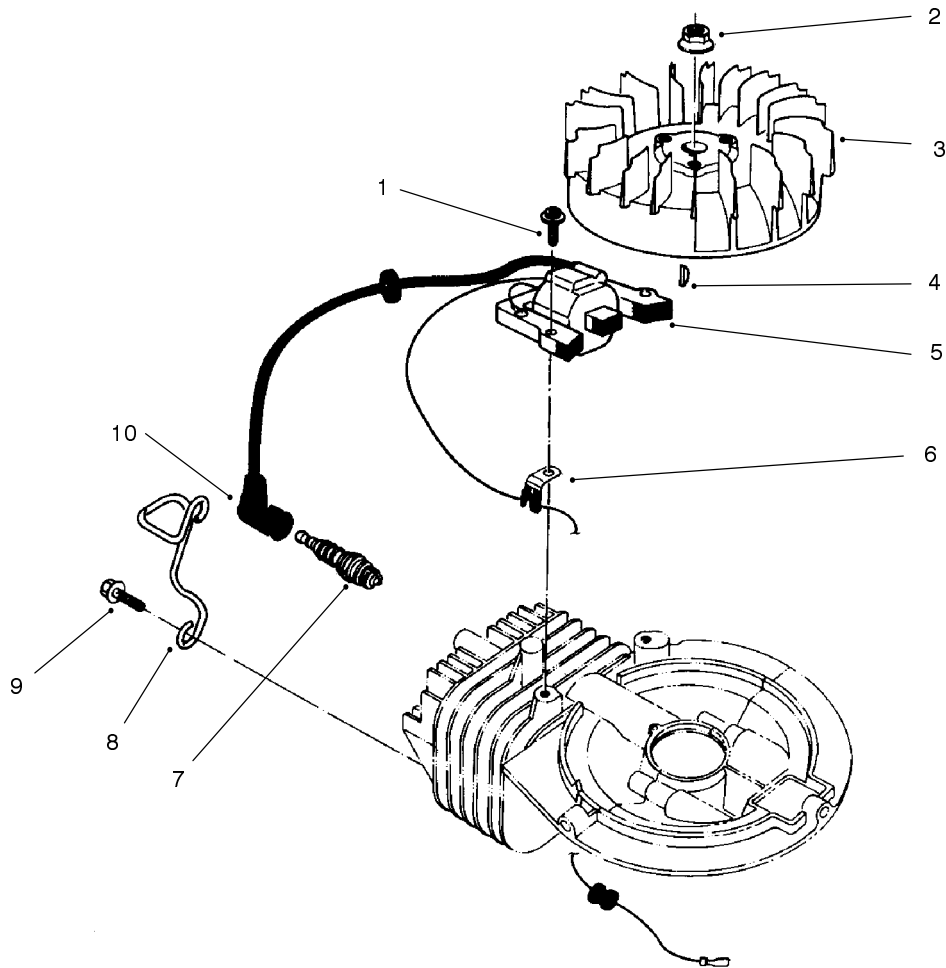
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T-0667

Muffler Assembly

Ref. No.	Part No.	Qty.	Description
1	81-1080	1	Gasket
2	81-0200	1	Spark Arrestor
4	81-5690	1	Muffler
5	81-2450	1	Muffler Cover
6	81-1100	2	Bolt
7	81-1120	2	Lockwasher
8	81-1110	2	Nut
9	81-1150	1	Bolt
10	81-1140	2	Screw

Ref. No.	Part No.	Qty.	Description

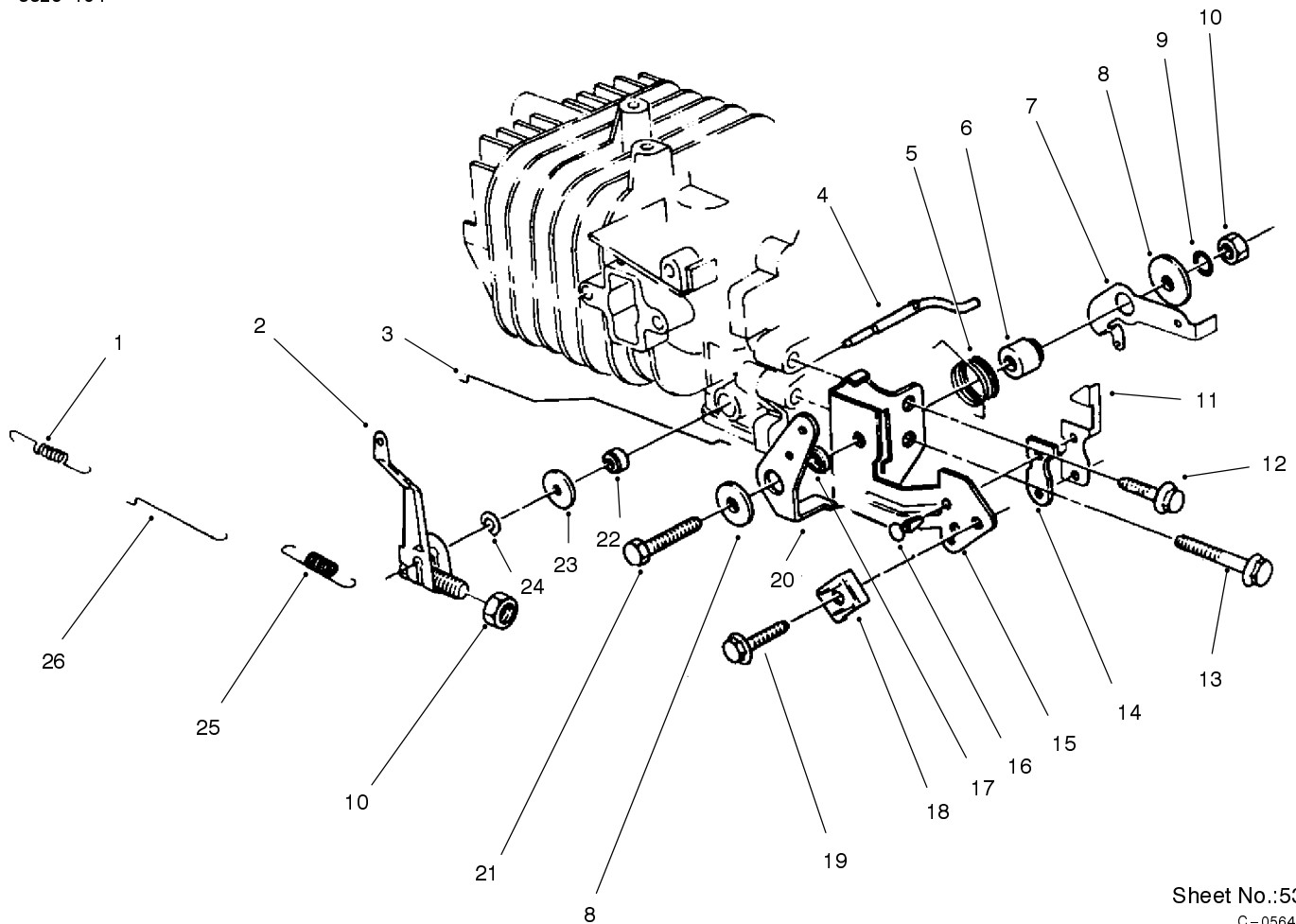


Sheet No.:52
T-0664

Ignition Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	81-5680	2	Screw				
2	81-1330	1	Nut				
3	81-2810	1	Flywheel				
4	81-2370	1	Key				
5	81-2820	1	Coil-Magneto				
6	81-1480	1	Clamp				
7	81-0181	1	Sparkplug				
8	81-2120	1	Protector-Plug				
9	81-2350	2	Screw				
10	81-1500	1	Cap-Sparkplug				
*11	41-7650	1	Puller-Flywheel				

* Not illustrated



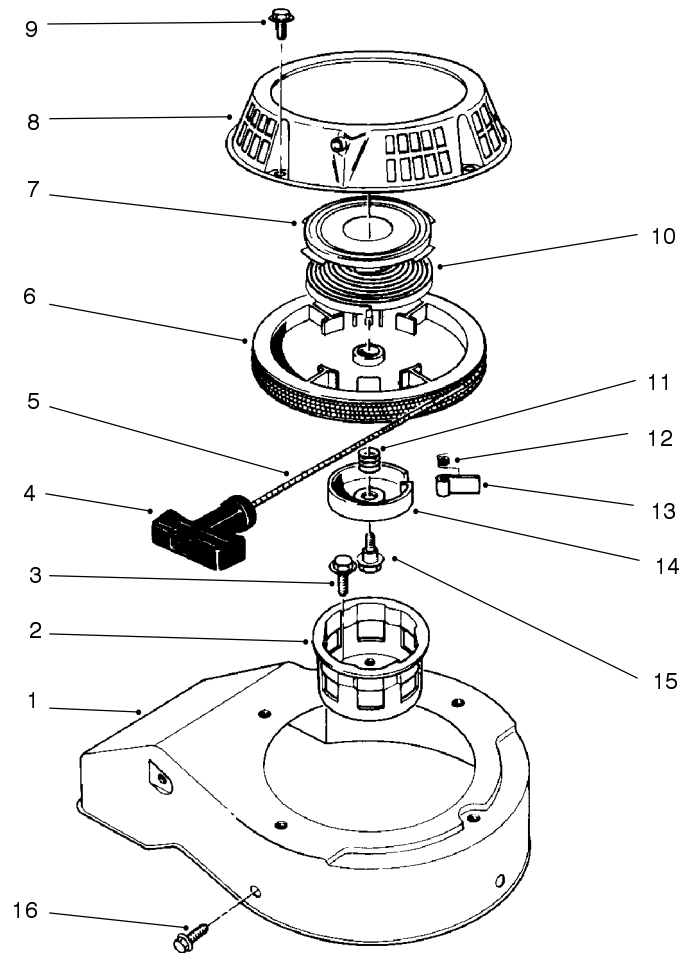
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C-0564

Governor Assembly

Ref. No.	Part No.	Qty.	Description
1	81-0920	1	Spring
2	81-5420	1	Arm-Governor
3	81-5410	1	Rod-Choke
4	81-2880	1	Shaft
5	81-2460	1	Spring-Choke Lever
6	81-5780	1	Spacer
7	81-2850	1	Lever-Spring, Governor
8	81-1750	2	Washer
9	81-1450	1	Lockwasher
10	81-0900	2	Nut
11	81-1840	1	Terminal-Kill Switch
12	81-1170	1	Bolt
13	81-0540	1	Bolt
14	81-1830	1	Kill Switch Insulator
15	81-5770	1	Bracket
16	81-4530	2	Rivet
17	81-2470	1	Spacer-Choke Lever
18	81-2430	1	Clamp
19	50-0130	1	Bolt
20	81-1710	1	Lever-Choke Control
21	81-1730	1	Bolt
22	81-0850	1	Seal-Oil
23	81-0860	1	Washer
24	81-0870	1	E-Ring

Ref. No.	Part No.	Qty.	Description
25	81-2830	1	Spring-Governor
26	81-0910	1	Rod-Carburetor



**Parts not listed in
partslist are not
serviced seperately.**

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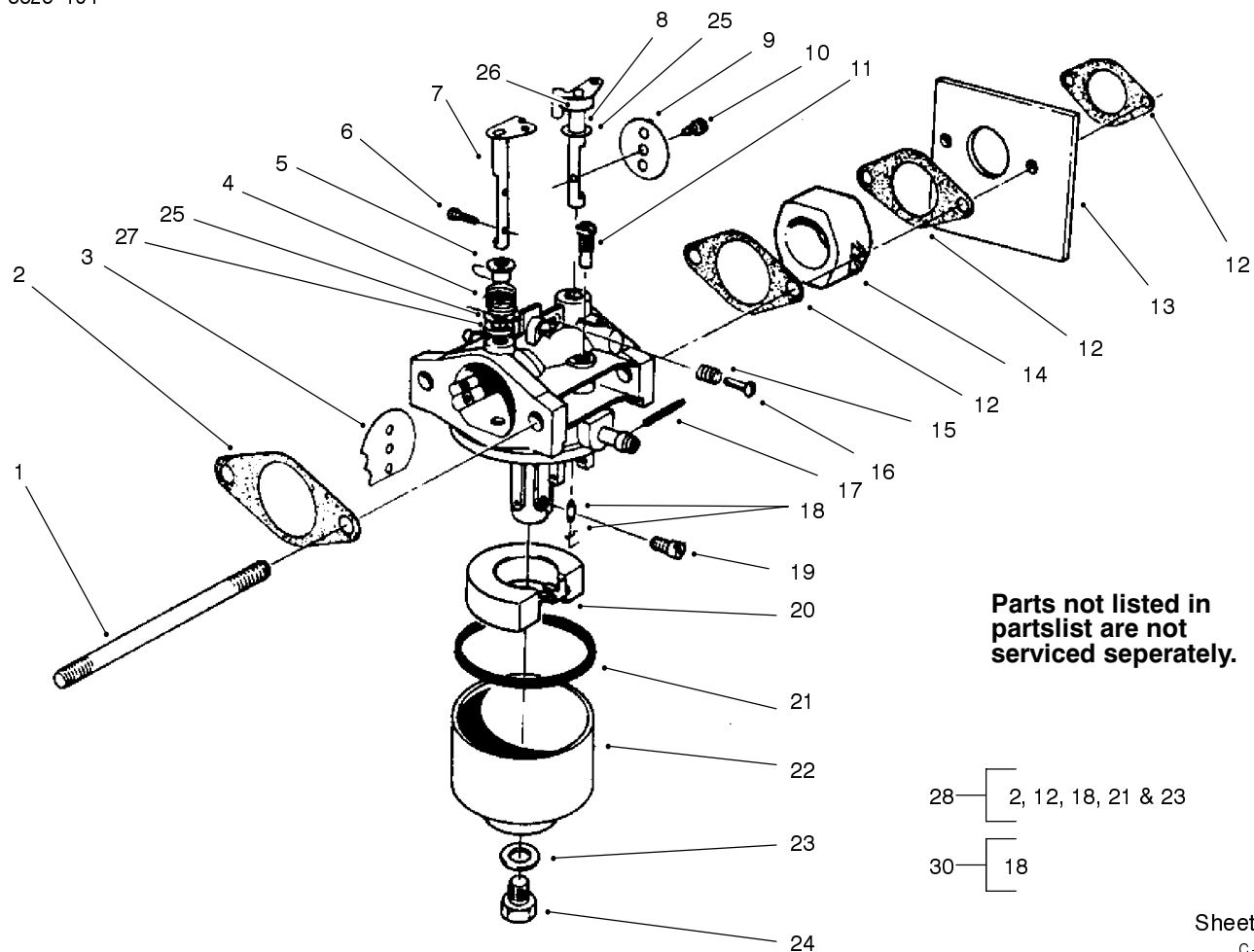
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C-2993

Starter Assembly No. 81-2030

Ref. No.	Part No.	Qty.	Description
1	81-2080	1	Cover-Fan, Coolingj
2	81-2170	1	Pulley-Cup, Starter
3	81-1300	3	Bolt
4	81-1630	1	Handle-Recoil
5	81-1270	1	Rope
6	81-1210	1	Reel
8	81-2100	1	Case-Starter
9	81-1280	4	Bolt
11	81-1240	1	Spring
12	81-1220	1	Spring
13	81-1230	1	Dog
14	81-1250	1	Retainer
15	81-1260	1	Bolt
16	53-1340	3	Bolt
17	81-2030	1	Starter ASM
18	81-2300	1	Spring & Retainer ASM



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C-2994

Carburetor Assembly

Ref. No.	Part No.	Qty.	Description
1	81-5450	2	Stud-Carburetor
2	81-0090	1	Gasket-Air Cleaner
3	81-0240	1	Plate
4	81-0230	1	Spring
5	81-0220	1	Bushing
6	81-2160	2	Screw
7	81-1950	1	Shaft-Choke
8	81-0250	1	Shaft
9	81-0260	1	Plate
10	81-2160	1	Screw
11	94-1684	1	Jet-Pilot
12	81-0780	3	Gasket-Carburetor
13	81-5490	1	Shield-Carburetor
14	81-5440	1	Insulator-Carburetor
15	81-2580	1	Spring-Pilot Screw
16	50-0250	1	Screw
17	81-2600	1	Pin-Hinge
18	81-4910	1	Needle
19	81-1060	1	Jet-Main
19	81-2340	1	Jet-High Altitude
20	81-0970	1	Float
21	81-1010	1	Gasket
22	81-5660	1	Bowl - Float
23	81-1020	1	Gasket
24	81-5670	1	Screw
25	81-2530	2	Seal

Ref. No.	Part No.	Qty.	Description
26	81-2540	1	Ring
27	81-2550	1	Packing
28	12-6379	1	Kit-Carburetor
*29	81-2520	1	Carburetor ASM, Complete
30	81-5810	1	Needle-Seat Set
*31	94-1687	1	Carburetor ASM With Primer

* Not illustrated

Maintenance Record

[illegible]

