



Proline[®] 21”

Recycler[®] Mower

Model No. 22040—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.

Contents

Description	Page	Description	Page
Housing Assembly	3	Rear Wheel and Tire Assembly No. 74-1720 ..	11
Housing Assembly 98-7139	4	Grass Bag Assembly No. 99-2535	12
Gear Case Assembly No. 74-1861	5	Crankshaft Assembly	13
Front Wheel and Tire Assembly	6	Muffler Assembly	14
Engine Assembly	7	Ignition Assembly	15
Engine and Air Filter Assembly	8	Governor Assembly	16
Handle Assembly	9	Recoil Assembly	17
Gear Case and Rear Wheel Assembly	10	Carburetor Assembly	18

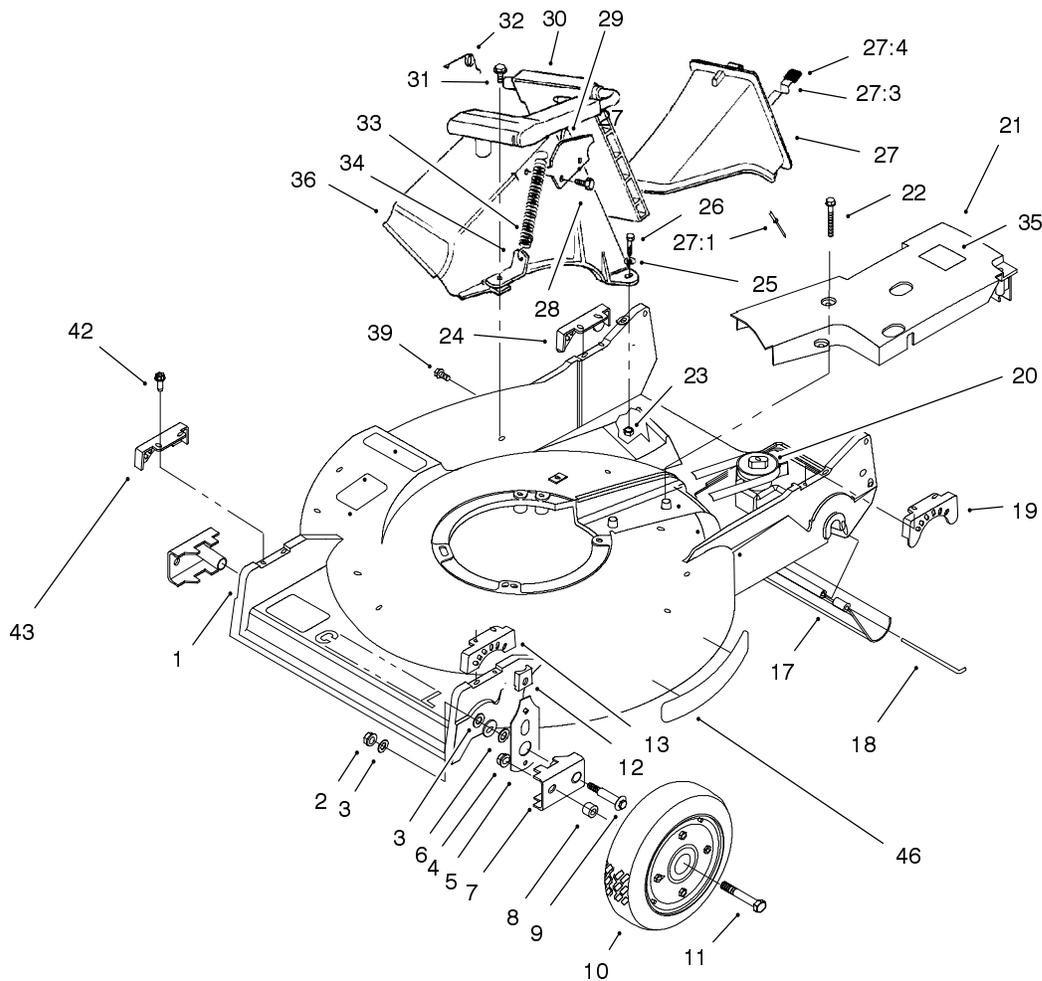
Accessories

Description	Model / Part No.	Description	Model / Part No.
Side Discharge Kit	94-1612	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		

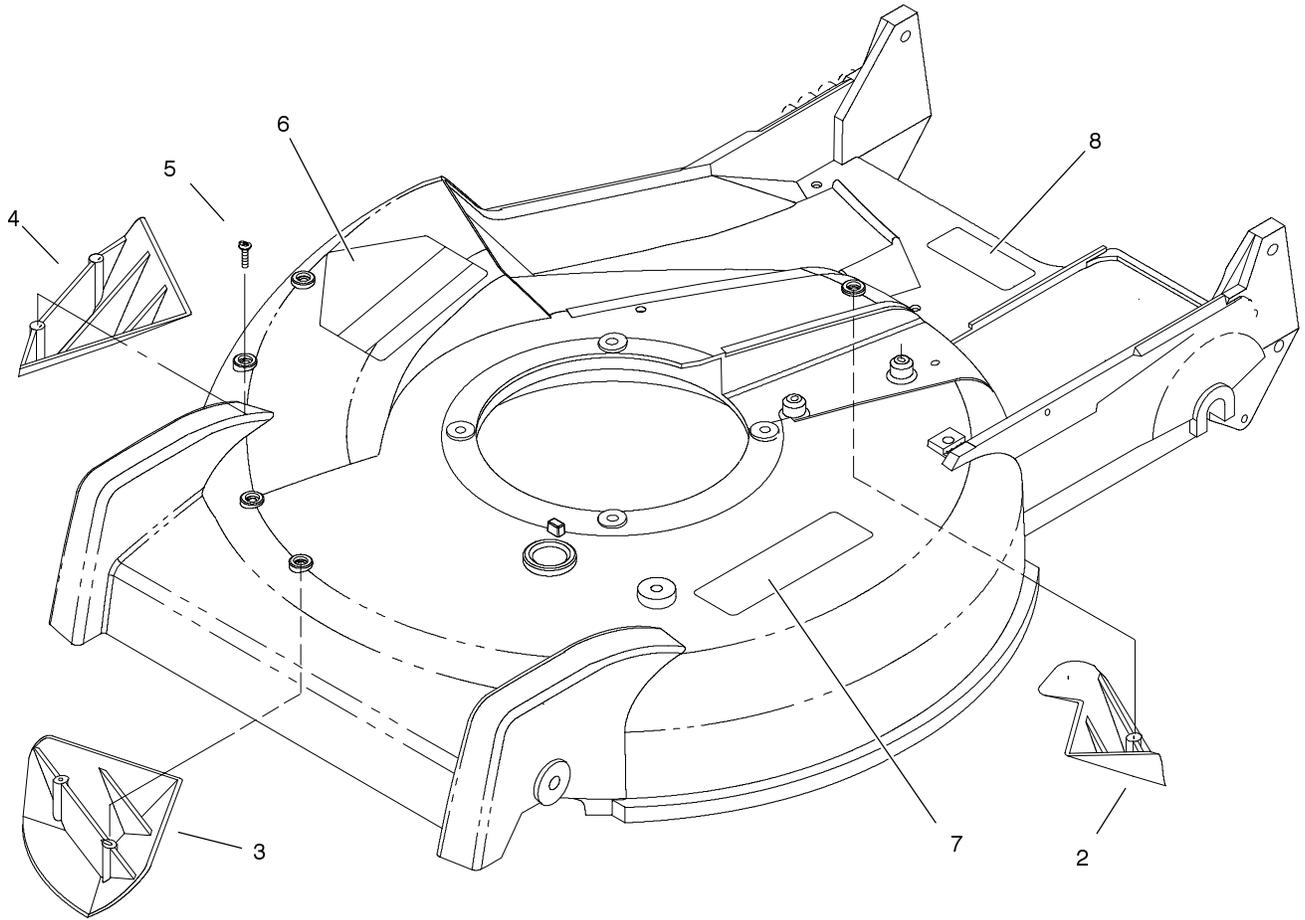


Sheet No.:2

C-2987

Housing Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	98-7139	1	Housing	27:4	76-4650	1	Grip-Latch
2	3296-6	2	Nut-Lock, NI	28	46-8090	2	Screw-Plastite
3	40-1940	4	Washer	29	93-3154	1	Latch-Plate
4	32152-2	2	Nut-Conelock	30	93-7351	1	Discharge Door ASM
5	66-7560	2	Front Spring Arm ASM	31	46-6811	1	Screw-HWH
6	257-3	2	Washer-Thrust	32	80-3770	1	Retainer-Door
7	61-8300	2	Arm-Pivot, Front	33	76-4660	1	Spring-Door
8	52-2480	2	Spacer-Wheel	34	71-9350	1	Bracket-Spring
9	27-6232	2	Bolt-Wheel	35	52-2620	1	Label-Grease
10	53-7720	2	Wheel & Tire ASM	36	82-9152	1	Tunnel-Discharge
11	323-12	2	Screw-HH	39	46-6810	1	Screw & Washer ASM
12	25-7740	2	Knob-Arm	42	49-2040	8	Screw-Tapping
13	49-8760	1	Quadrant-Front, LH	43	49-8770	1	Quadrant-Front, RH
17	44-0580	1	Shield-Trailing	46	92-7988	1	Decal - Recycler
18	33-3208	1	Rod-Shield				
19	49-8740	1	Quadrant-Rear, LH				
20	74-1861	1	Gear Case ASM				
21	74-1770	1	Cover-Belt				
22	37-7260	2	Screw-HH				
23	3296-42	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				
27:1	3295-35	1	Rivet-Head, Flat				
27:3	76-4640	1	Latch-Plug, Discharge				

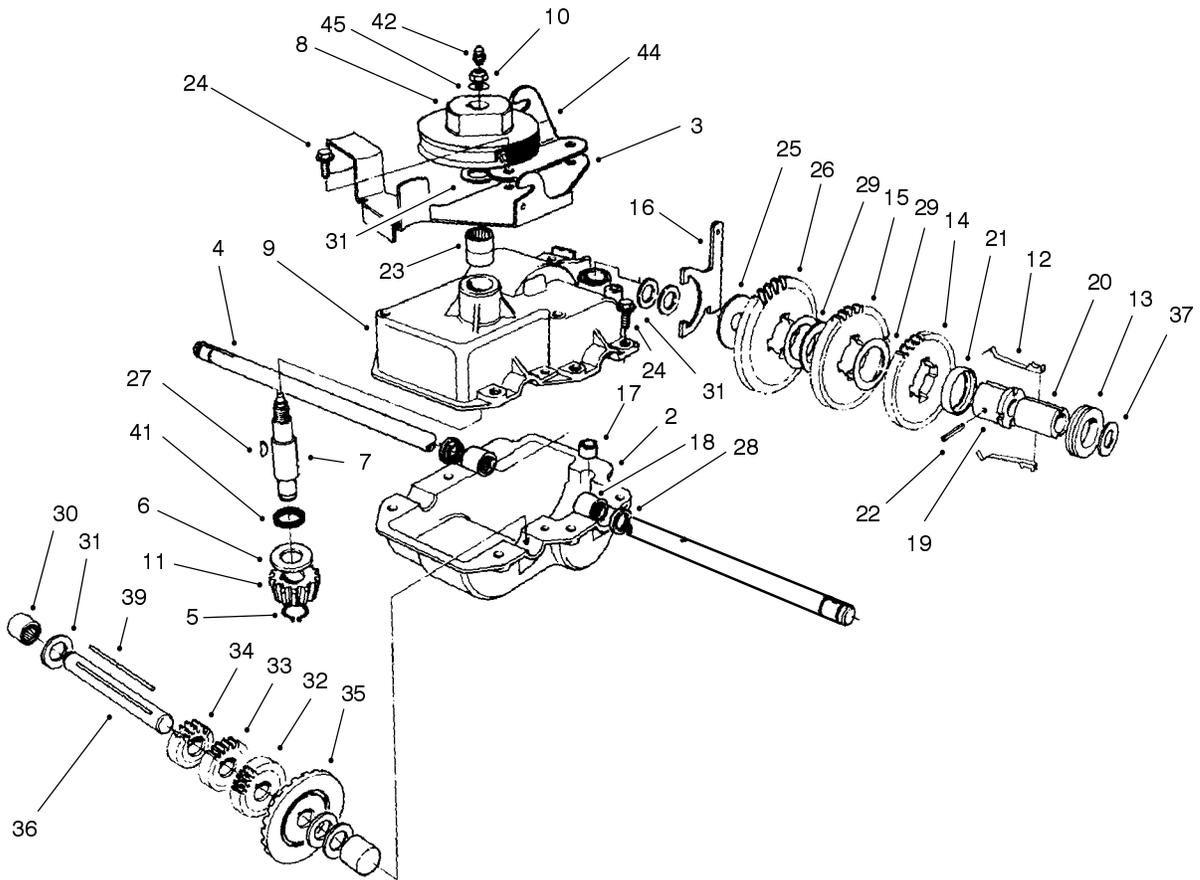


Sheet No.:A1

Housing Assembly 98-7139

Ref. No.	Part No.	Qty.	Description
2	92-1750	1	Kicker-Rear
3	92-1720	1	Kicker-Front
4	92-1730	1	Kicker-RH
5	32144-111	6	Screw-PPH
6	39-5770	1	Decal-Danger
7	93-0248	1	Decal - Warning
8	92-1779	1	Decal-Warning

Ref. No.	Part No.	Qty.	Description

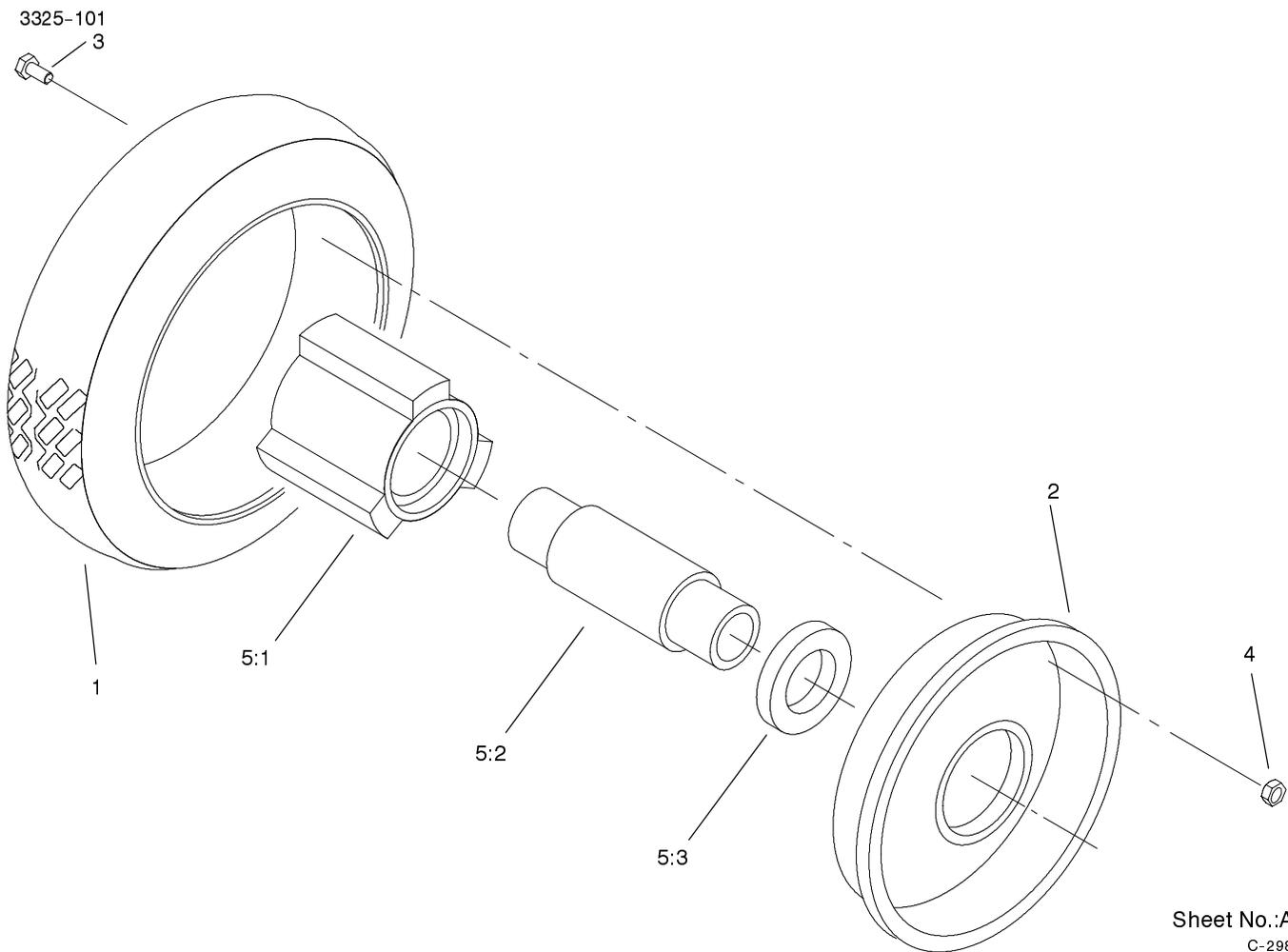


Sheet No.:A3
C-2990

Gear Case Assembly No. 74-1861

Ref. No.	Part No.	Qty.	Description
2	74-1920	1	Case-Gear, Lower
3	49-8461-03	1	Bracket-Guide, Belt
4	74-1890	1	Shaft-Output
5	32151-57	1	Ring-Retaining
6	47-2910	1	Washer-Thrust
7	68-8190	1	Shaft-Input
8	39-6740	1	Pulley
9	74-1880	1	Case-Gear, Upper
10	3296-5	1	Nut-Lock NI
11	39-6660	1	Pinion-Bevel
12	29-9330	2	Key
13	29-9340	1	Collar-Shift
14	42-4740	1	Gear-38 Tooth
15	29-9271	1	Gear-42 Tooth
16	60-8870	1	Yoke-Shift
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

Ref. No.	Part No.	Qty.	Description
28	48-2060	2	Bearing-Roller
29	36-4770	3	Washer
30	252-103	2	Bearing-Closed
31	36-4792	4	Washer-Thrust
32	39-6650	1	Gear-18t
33	46-3550	1	Gear-14t
34	46-3540	1	Gear-12t
35	74-1760	1	Gear-Bevel
36	53-7950	1	Shaft-Intermediate
37	36-4780	3	Washer
39	39-7842	1	Key
41	47-7260	1	Seal
42	302-63	1	Zerk
44	74-1750-03	1	Brake-Engage, Traction
45	3256-45	1	Washer-Flat



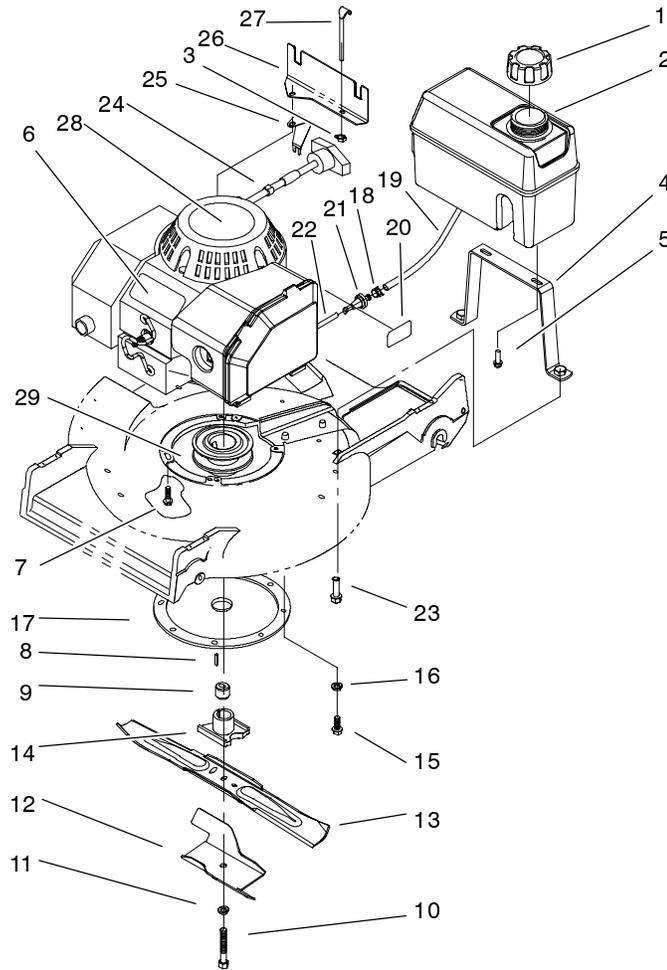
Sheet No.:A2
C-2989

Front Wheel and Tire Assembly

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

Ref. No.	Part No.	Qty.	Description

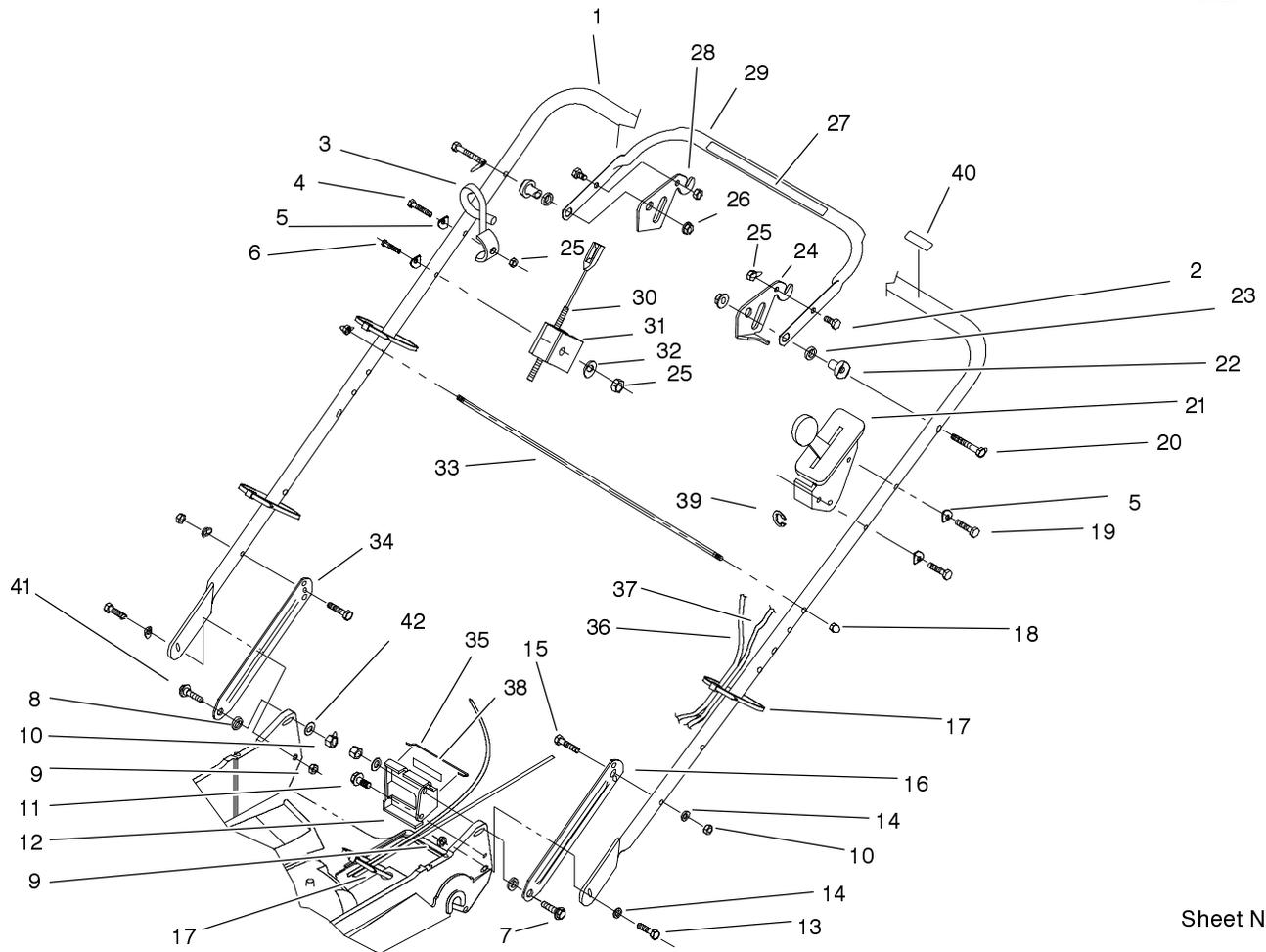
☆ Not serviced



Sheet No.:3

Engine Assembly

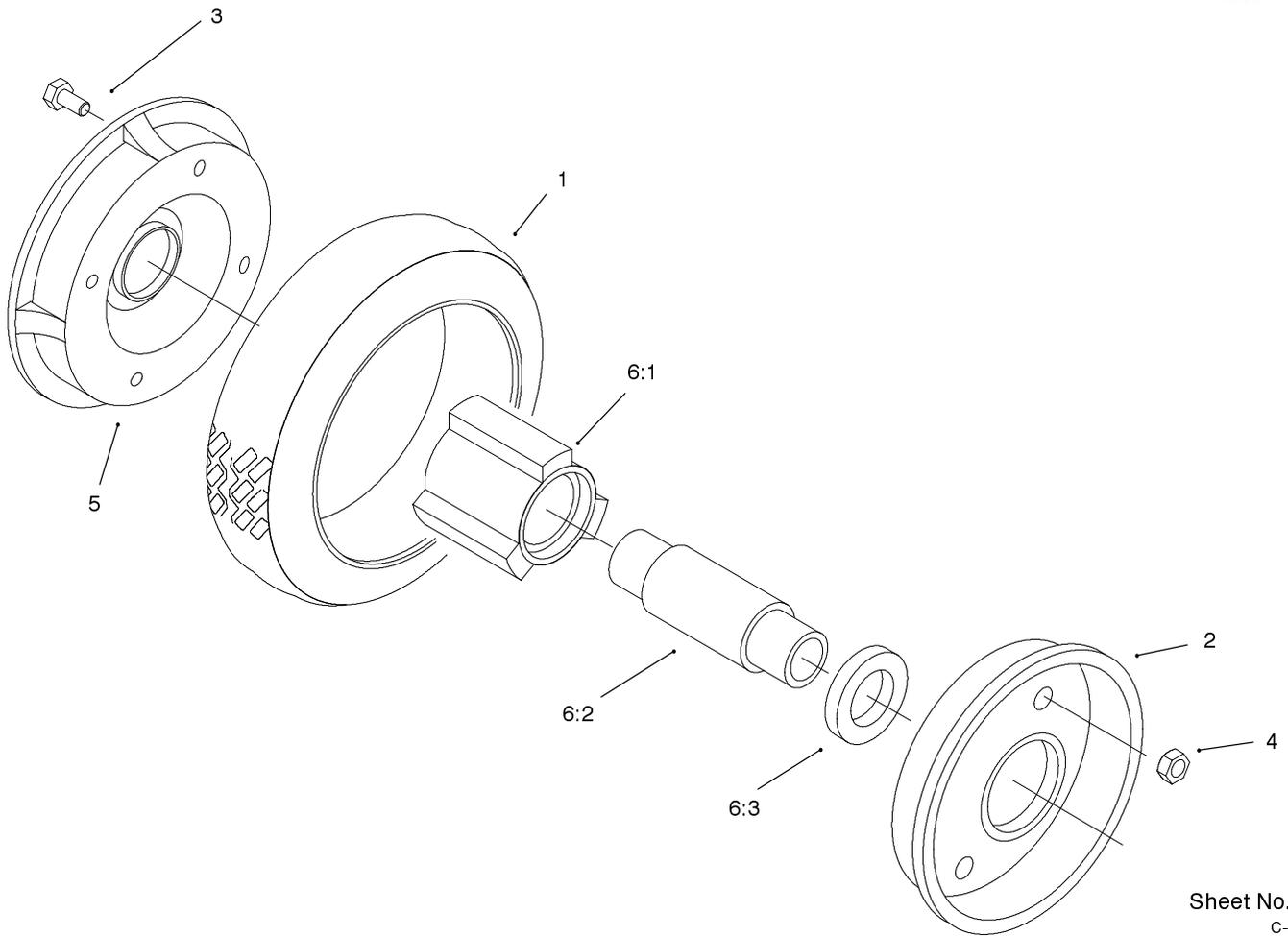
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	55-3575	1	Gas Cap ASM	26	74-2110-03	1	Bracket-Tank
2	104-1327	1	Tank-Gas	27	77-2840	1	Retainer - Fuel Tank
3	3296-42	1	Nut-Lock NI	28	104-1334	1	Decal-2 Cyc Recoil
4	84-9160-03	1	Base-Tank	29	46-7910	1	Pulley-Driver
5	46-8091	2	Screw-HWH				
6	71-1260	1	Decal - Proline				
7	66-9300	4	Screw-HF				
8	27-6300	1	Key-Square				
9	52-2190	1	Spacer-Blade Retainer				
10	26-0670	1	Screw-Blade				
11	3253-22	1	Washer-Lock				
12	92-1599-03	1	Stiffener-Blade				
13	91-2256-03	1	Blade				
14	52-2170	1	Retainer-Blade				
15	32144-70	3	Screw-HH				
16	3254-6	3	Washer-Lock, Internal				
17	65-5860	1	Protector-Crankshaft				
18	2412-95	4	Clamp-Fuel Line				
19	68-3633	1	Line-Fuel				
20	62-7600	1	Decal - Fuel				
21	71-9280	1	Filter-Fuel				
22	51-3211	1	Line-Gas				
23	95-1727	2	Screw-Taptite				
24	3290-443	1	Staple				
25	77-0520-03	1	Support-Tank Bracket				



Sheet No.:5

Handle Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	98-2000-03	1	Handle	26	3296-58	2	Nut-Lock NI
2	321-4	2	Screw-HH	27	82-2380	1	Decal/Traction Control
3	46-8081	1	Guide-Rope	28	77-5270	1	Lever-Control
4	321-9	1	Screw-HH	29	61-8270-03	1	Bar-Control
5	3-7501	4	Washer	30	85-6904	1	Cable - Brake
6	321-15	1	Screw-HH	31	46-6980	1	Support-Cable
7	27-7210	1	Screw-Shoulder	32	3256-22	1	Washer-Flat
8	3-3287	2	Spacer-Latch, Handle	33	48-2810	1	Rod-Support, Bag
9	3296-47	2	Nut-Lock, NI	34	100-3297-03	1	Latch-Handle, RH
10	3296-29	4	Nut-Lock	35	46-7030	1	Retainer-Cable
11	32144-70	1	Screw-HH	36	74-1791	1	Cable-Traction
12	74-1741	1	Bracket-Traction	37	70-1061	1	Cable-Throttle
13	322-6	2	Screw-HH	38	74-1970	1	Decal-Position, Gear
14	3290-456	4	Washer-Belleville	39	32151-86	2	E-Ring
15	322-7	2	Screw-HH	40	98-4387	1	Decal-Protection, Ear
16	100-3298-03	1	Latch-Handle, LH	41	27-7211	1	Screw-Shoulder
17	3290-378	4	Tie-Cable	42	3256-23	2	Washer-Flat
18	32111-7	2	Nut-Cap				
19	321-13	2	Screw-HH				
20	322-11	2	Screw-HH				
21	82-9950	1	Control-Throttle				
22	49-1630	2	Spacer-Support				
23	256-276	2	Spacer-Nylon				
24	66-5350	1	Lever-Control				
25	3296-42	4	Nut-Lock NI				



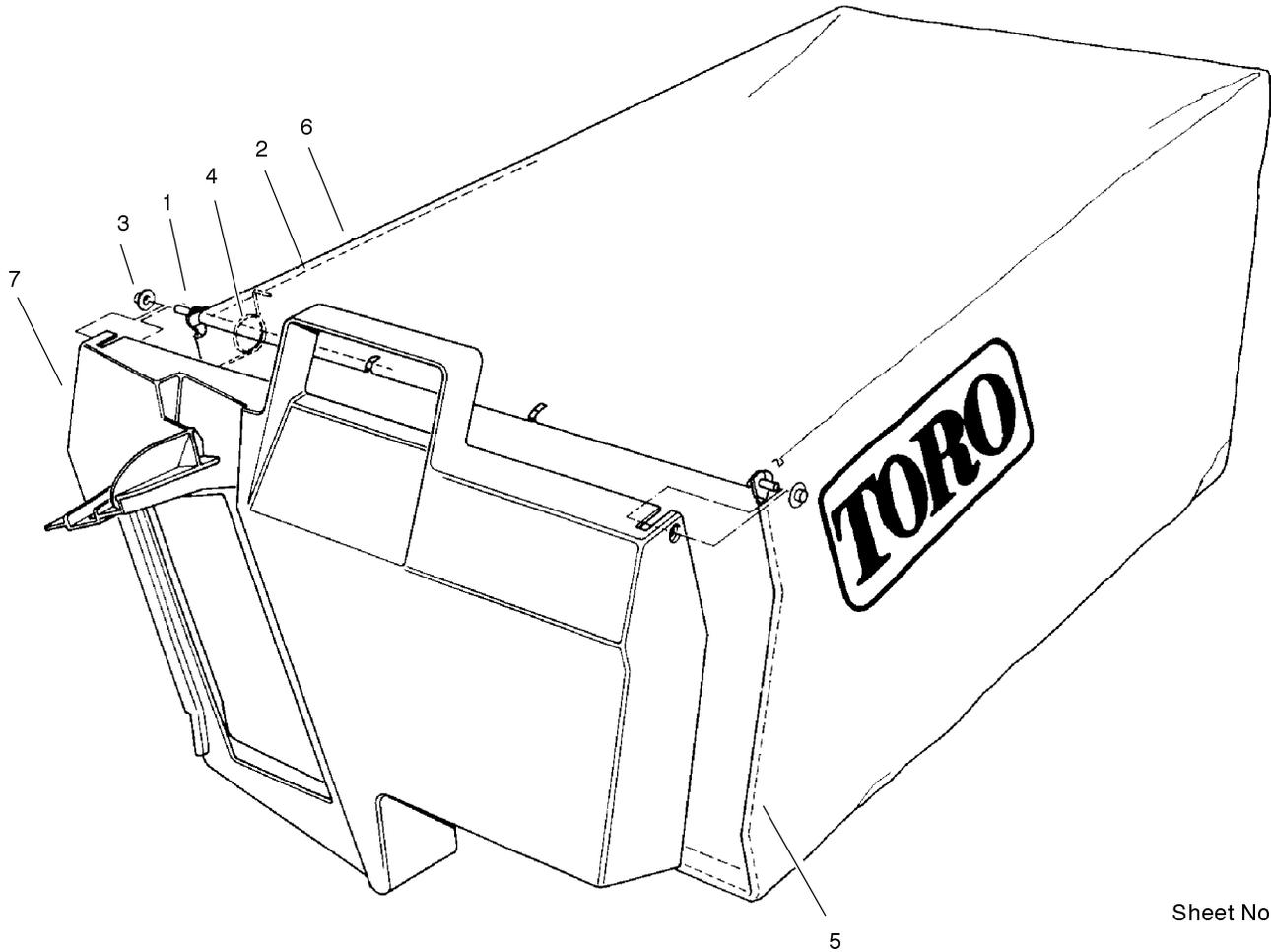
Sheet No.:A4
C-2991

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

Ref. No.	Part No.	Qty.	Description

☆ Not serviced

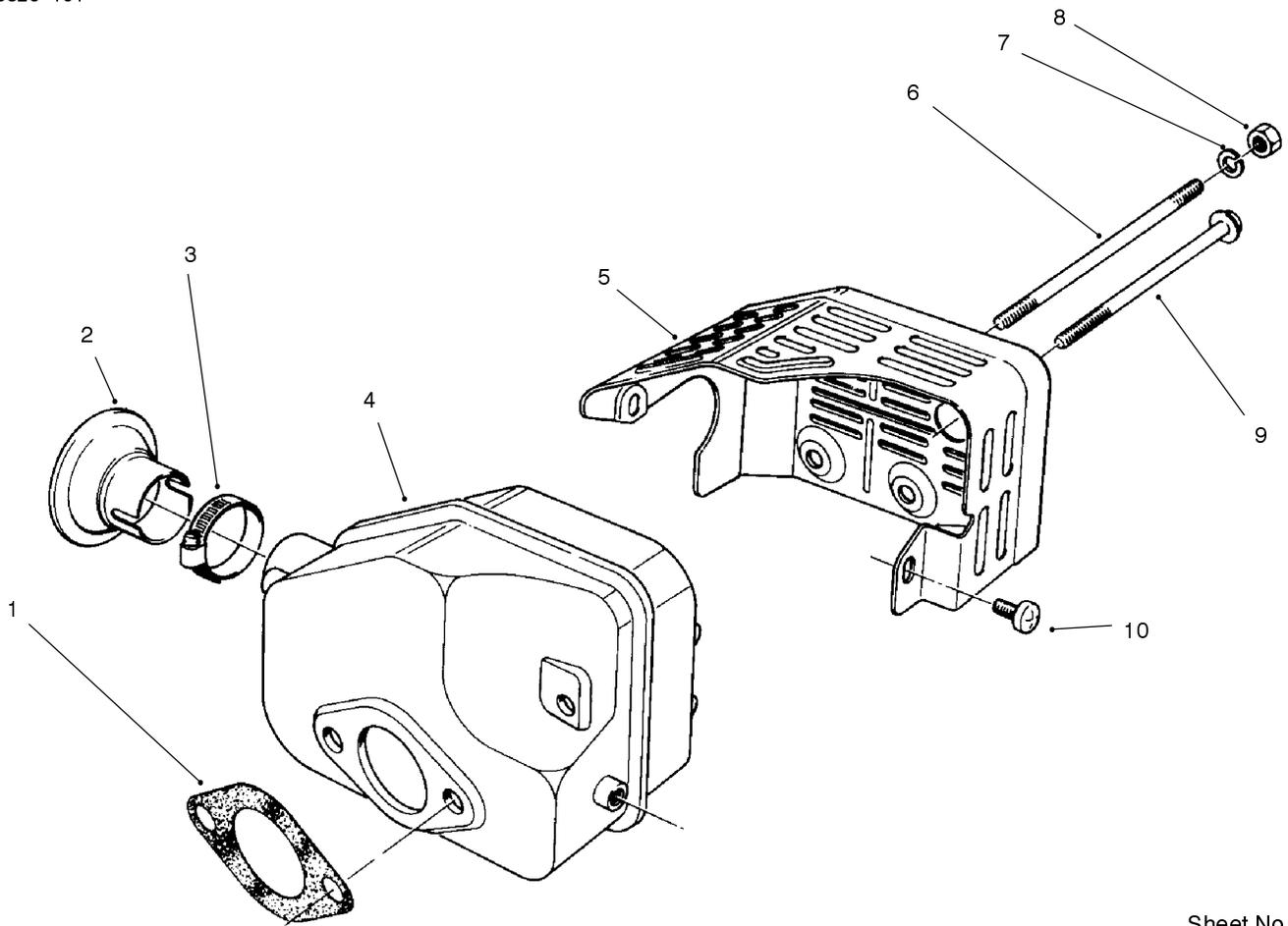


Sheet No.:A5

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

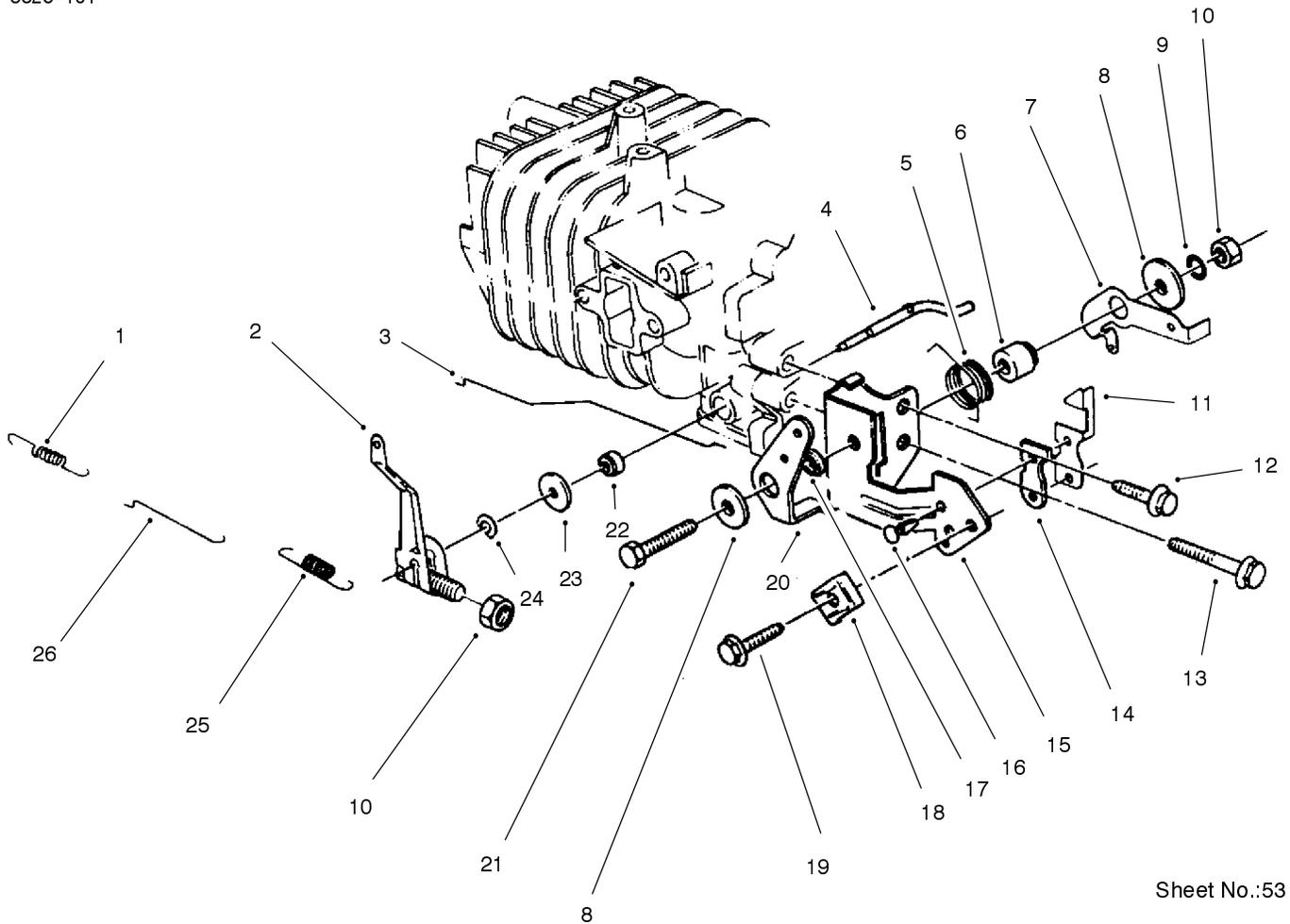


Sheet No.:51

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

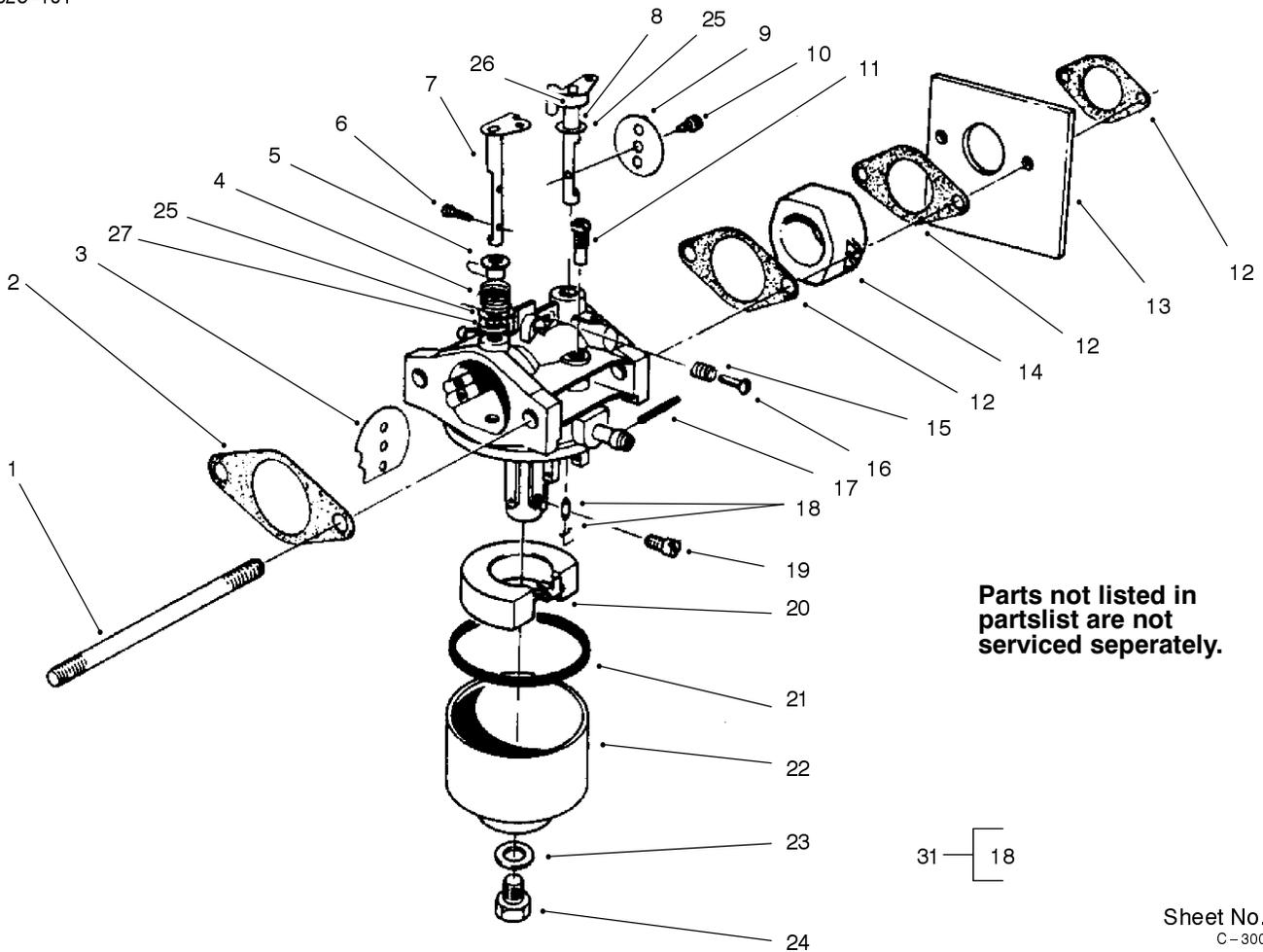


Sheet No.:53

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	81-1770	1	Gov Lever 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	81-2420	1	Throttle Cont Brkt
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 separately.

Sheet No.:55
C-3001

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
*29	81-2520	1	Carburetor ASM, Complete
*30	94-1687	1	Carburetor ASM With Primer
31	81-5810	1	Needle-Seat Set

* Not illustrated

