



Proline 21"

Recycler /Rear Bagging Mower

Model No. 22043-200000001 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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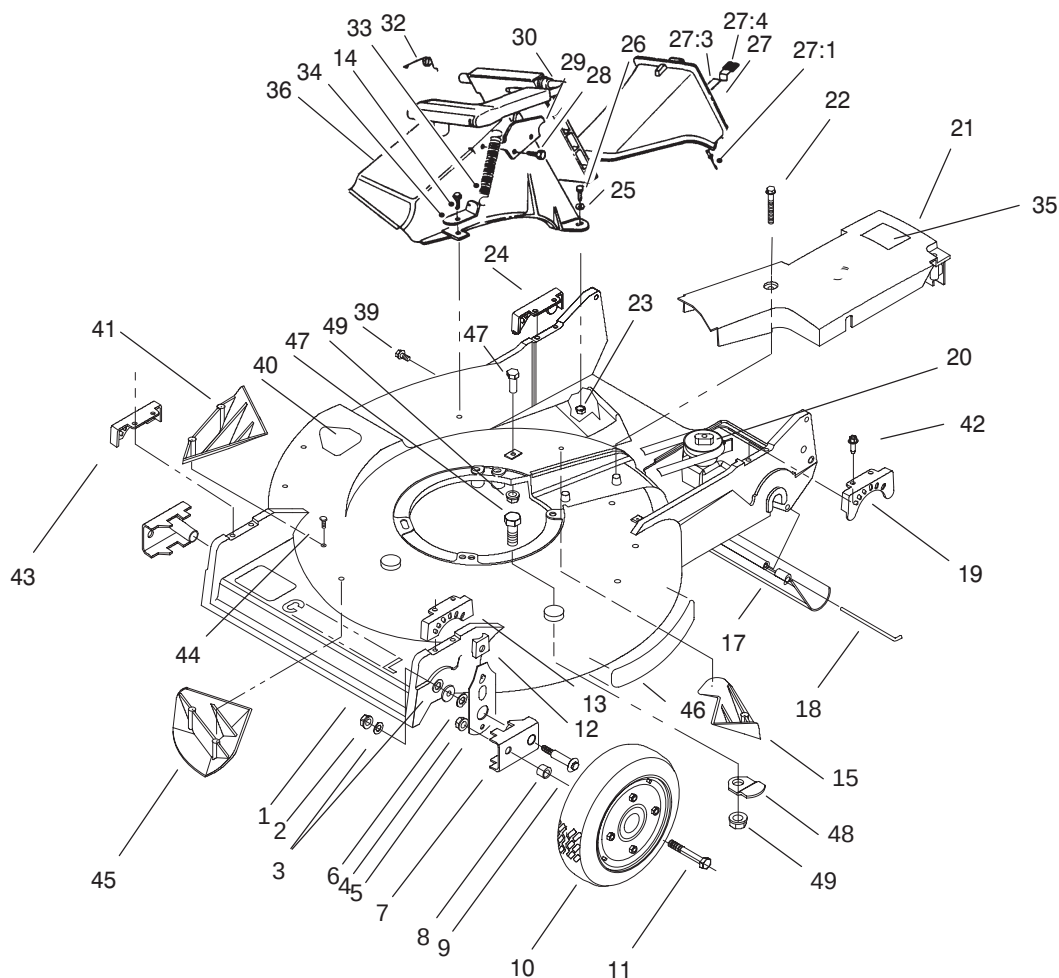
Accessories

Description	Model / Part No.	Description	Model / Part No.
Side Discharge Kit	Model No. 59199		
Spark Arrestor Muffler	Part No. 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-Mach.	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-Bolt, Wheel	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 & Washer ASM	41	92-1730	1	Kicker-RH
15	92-1750	1	Kicker-Rear, Sp	42	49-2040	8	Screw-Taptite
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	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				

This diagram shows an exploded view of a wheel assembly. The components are labeled as follows:

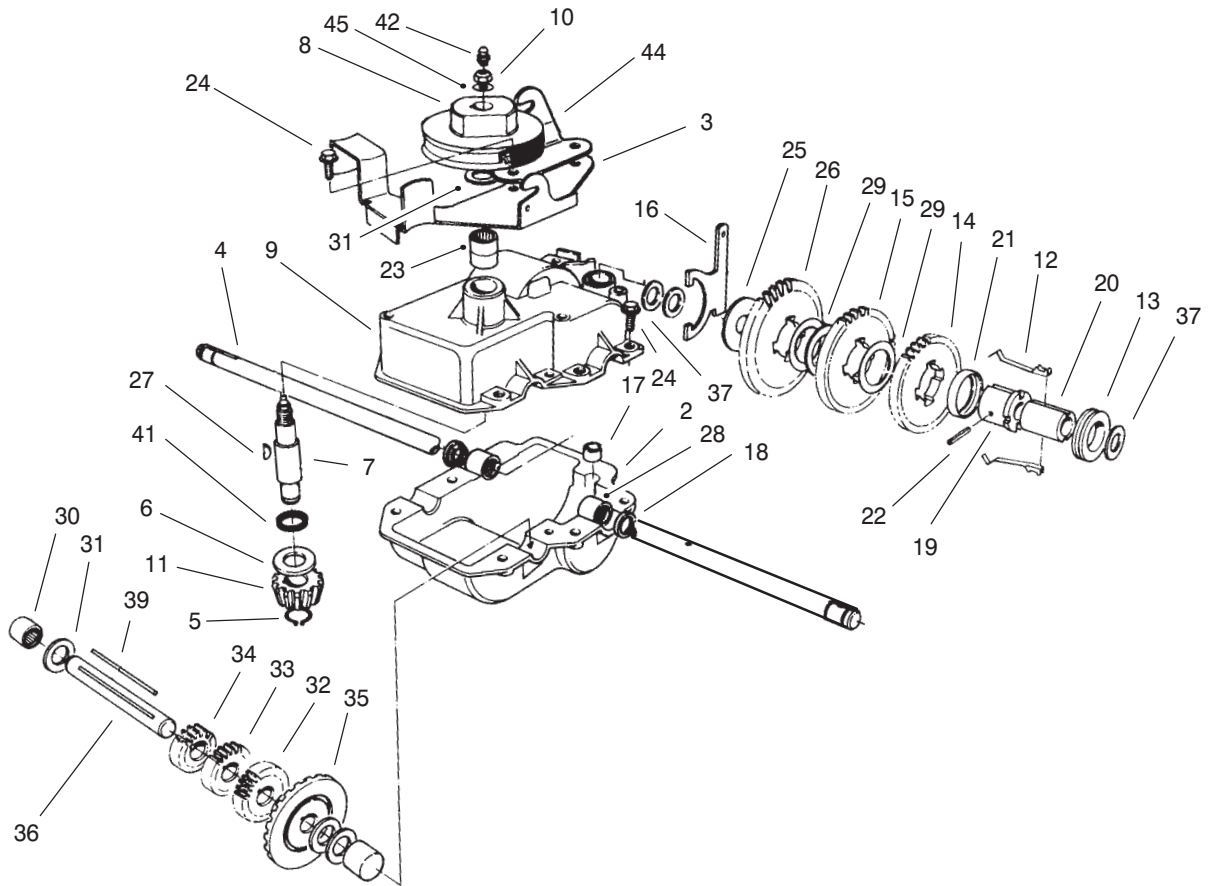
- 1**: The main wheel rim with a tread pattern.
- 2**: A circular hub or flange component.
- 3**: A small bolt or screw used for assembly.
- 4**: A larger bolt or screw used for assembly.
- 5**: A long cylindrical shaft or axle.
- 5:1**: A flange or collar on the shaft.
- 5:2**: A bush or spacer on the shaft.
- 5:3**: A small washer or spacer on the shaft.

The diagram illustrates how these parts fit together to form the complete wheel assembly.

Front Wheel & 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
5		1	Hub & Brg ASM
5:1	52-2410	1	Hub-Bearing
5:2	52-2440	1	Spacer-Bearing
5:3	52-2450	2	Bearing-Wheel

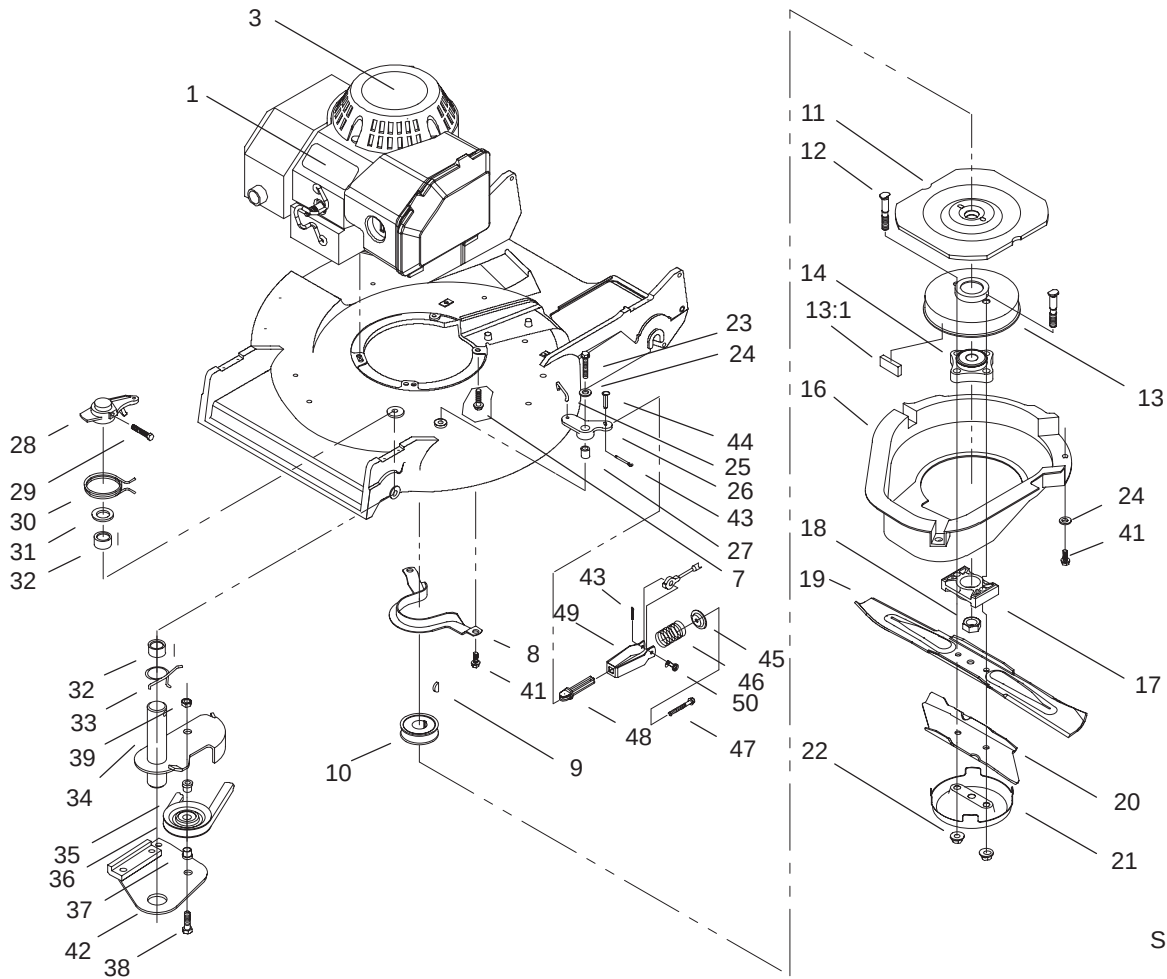
Ref. No.	Part No.	Qty.	Description



Sheet No.:A2

Gear Case Assembly

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-Belt Guide	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	13-5149	1	Shaft-Input w/Zerk	33	46-3550	1	Gear
8	39-6740	1	Pulley	34	46-3540	1	Gear
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	Bracket-Traction Engage
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-Taptite				
25	29-9690	1	Washer				
26	46-3560	1	Gear				
27	3257-1	2	Key-Woodruff				

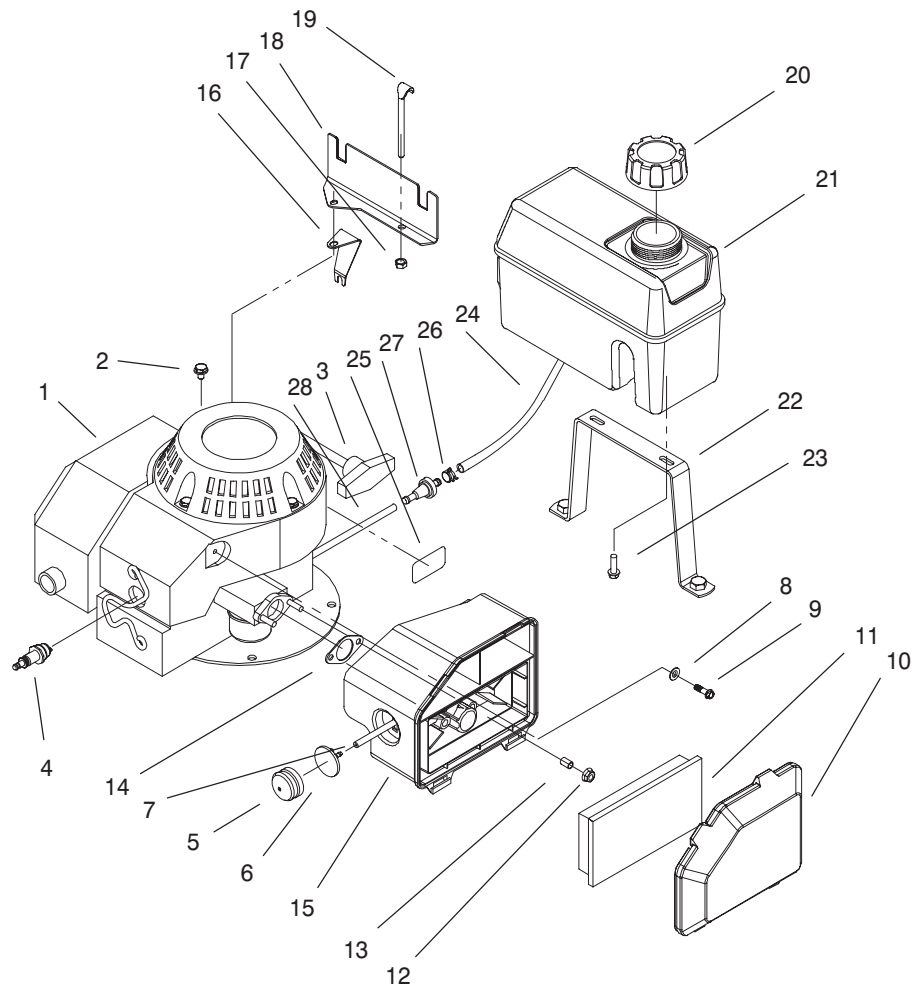


Sheet No.:3

Engine & Blade Brake Clutch Assembly

Ref. No.	Part No.	Qty.	Description
1	71-1260	1	Decal – Proline
3	77-0040	1	Decal-2 Cyc Recoil Comm
7	66-9300	4	Screw-Flange
8	66-0570-03	1	Bracket-Guide, Belt
9	3257-17	1	Key-Hi-Pro
10	56-6180	1	Driver-Pulley
11	56-6160	1	Flywheel
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-Bbc
17	62-4280	1	Spacer-Blade
18	3296-33	1	Nut-Lock NI
19	91-2256-03	1	Blade – Recycler li (Black)
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

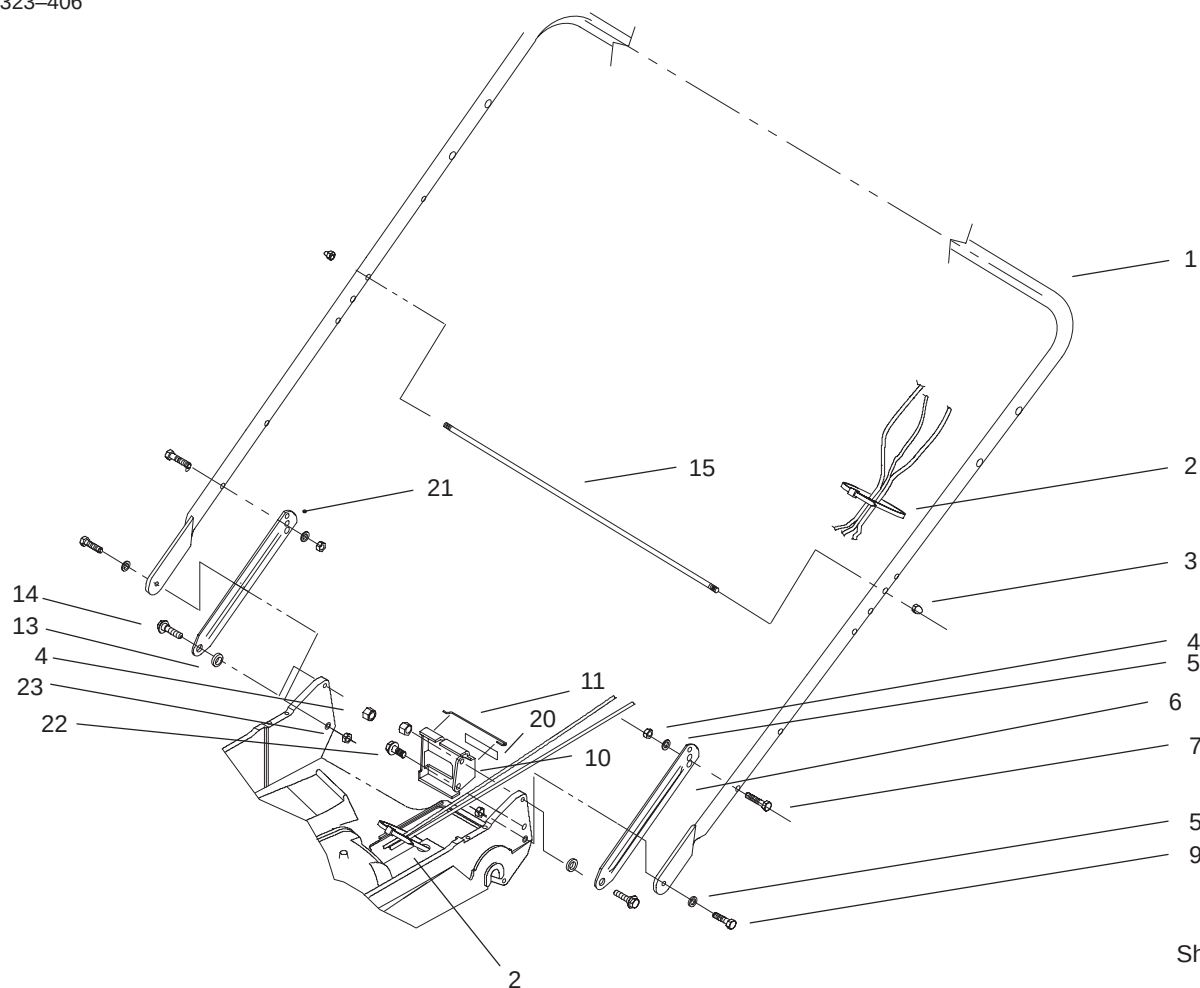
Ref. No.	Part No.	Qty.	Description
29	32104-96	1	Screw-HH
30	49-7970	1	Spring-Torsion
31	70-1160	1	Washer – Pm
32	68-9780	2	Bearing
33	85-6880	1	Spring-Torsion
34	84-9130	1	Plate-Brake
35	42-0884	1	V-Belt
36	46-5650	1	Pulley-Idler
37	46-5631	2	Hub-Pulley, Idler
38	322-6	1	Screw-HH
39	3296-47	1	Nut-Lock, 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-Bbc
47	46-7040	1	Screw-Forming, Thread
48	84-8870	1	Guide-Spring
49	84-8880-03	1	Bracket-Spring
50	84-9040	1	Pin-Cable



Sheet No.:4

Engine & Fuel Tank Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1		1	Engine-121cc 2 Cycle	25	62-7600	1	Decal - Fuel
2	81-1280	4	Bolt	26	2412-95	4	Clamp-Fuel Line
3	81-2030	1	Starter ASM (F/W & Ppp)	27	71-9280	1	Filter-Fuel
4	81-0181	1	Plug-Spark	28	51-3211	1	Line-Gas 2.30" Long
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				
			Foam				
12	50-7180	2	Nut F/W Engine				
13	62-3980	2	Spacer				
14	81-0090	1	Gasket-Air Cle				
15	63-9330	1	Body-Air Cleaner				
16	77-0520-03	1	Sup-Tank Brkt				
17	3296-42	1	Nut-Lock				
18	74-2110-03	1	Bracket-Tank				
19	77-2840	1	Retainer - Fuel Tank				
20	55-3575	1	Gas Cap Assembly				
21	94-5827	1	Tank-Gas				
22	84-9160-03	1	Tank Base Wa				
23	46-8091	2	Special-HWH				
24	68-3633	1	Line-Fuel				

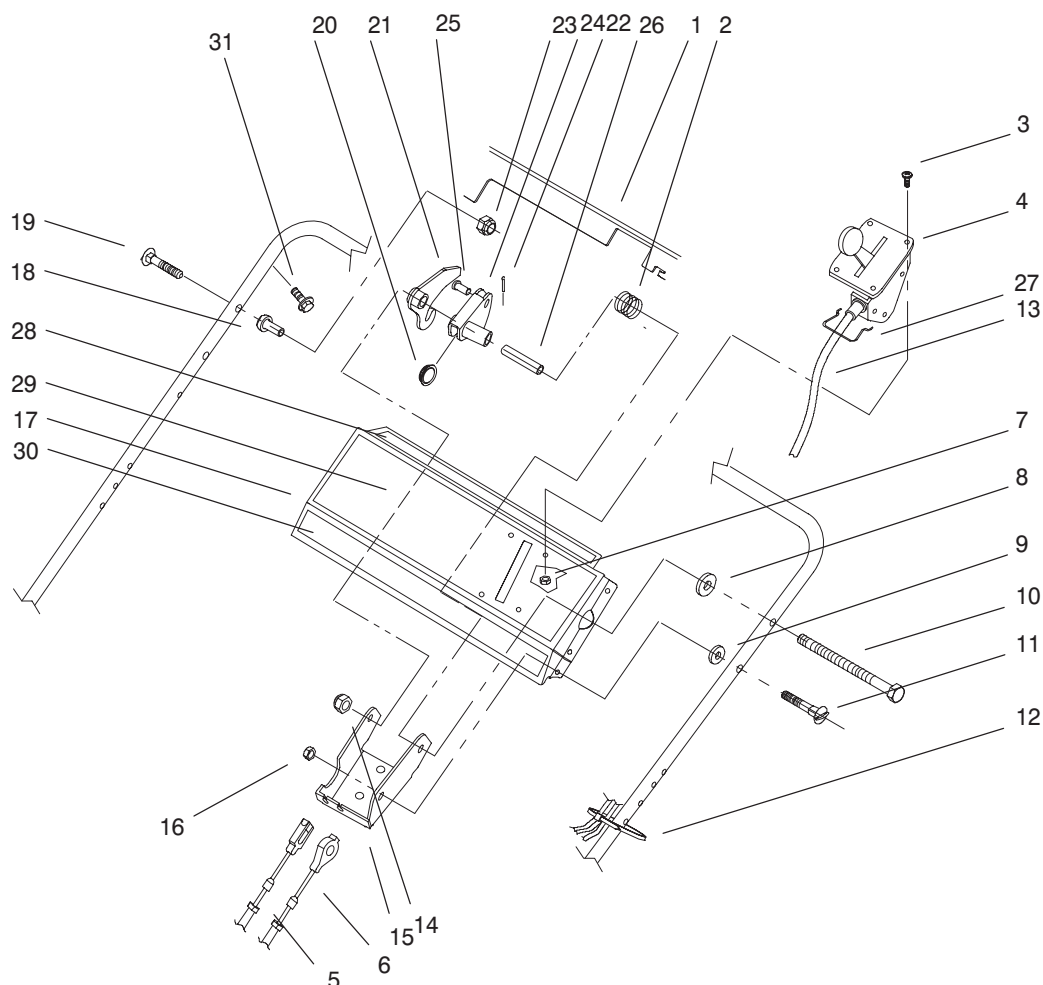


Sheet No.:5

Handle 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, NI
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	74-1741-03	1	Bracket-Adjustment, Traction
11	46-7030	1	Retainer-Cable
13	3-3287	2	Spacer-Latch, Handle
14	27-7210	2	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	32177-70	1	Screw-HH
23	3296-47	2	Nut-lock, Ni

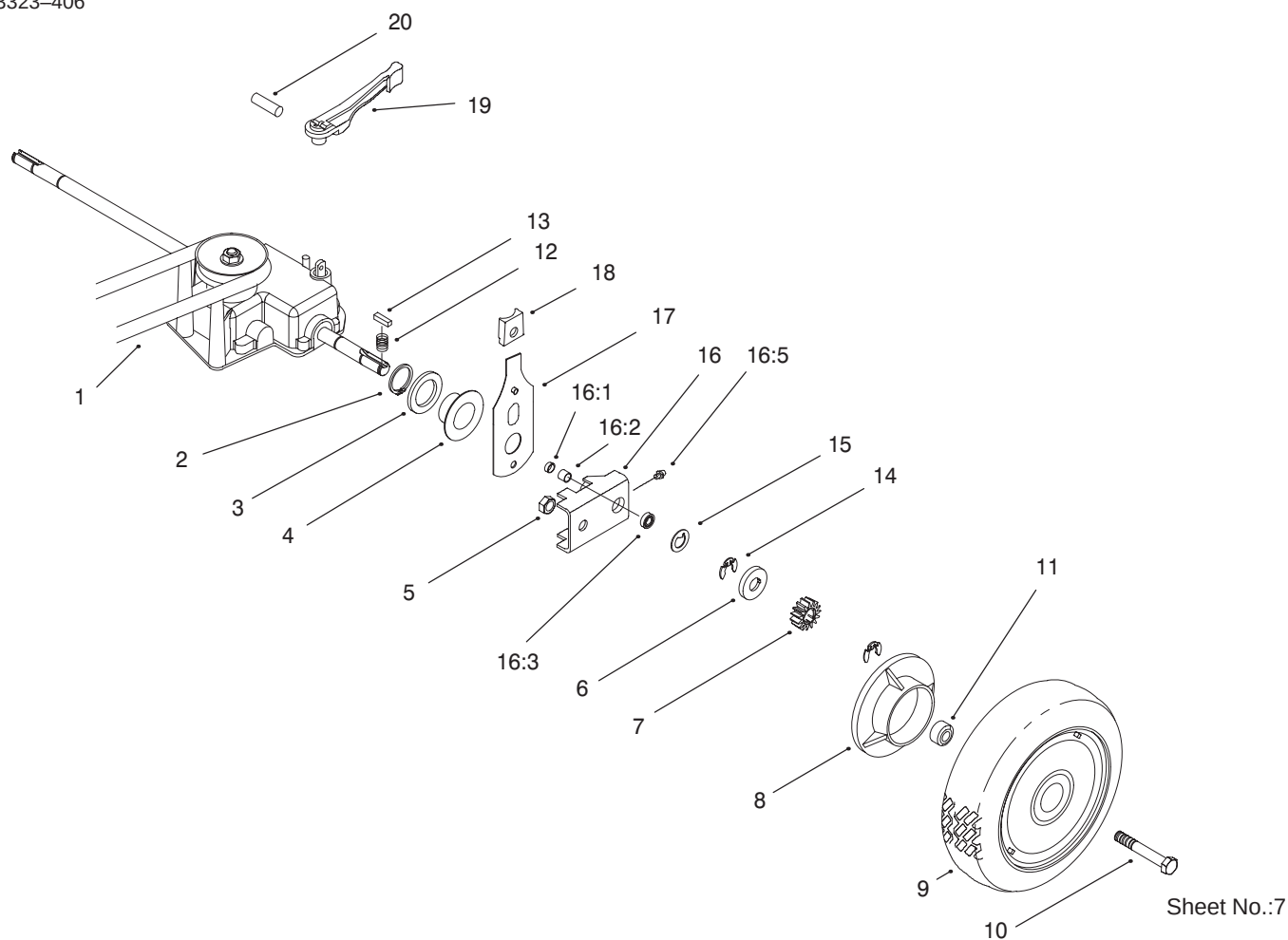
Ref. No.	Part No.	Qty.	Description



Sheet No.:6

Control Panel & Controls Assembly

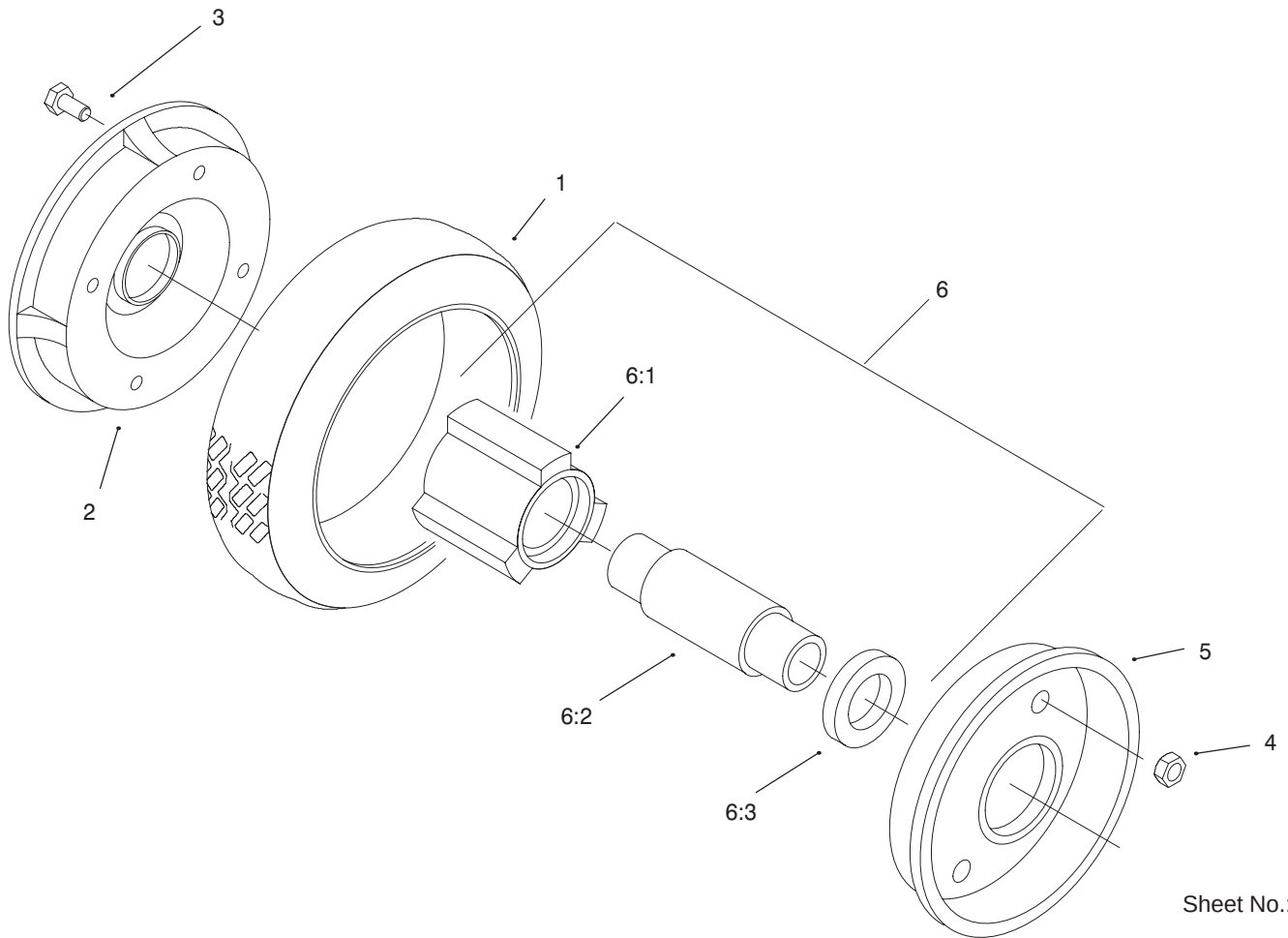
Ref. No.	Part No.	Qty.	Description
1	84-8940-03	1	Bar-Control
2	85-6750	1	Spring-Control
3	3250-12	4	Screw-PPH
4	85-6770	1	Control-Throttle
5	84-9120	1	Cable-Traction
6	84-9110	1	Cable-Clutch
7	3296-2	4	Nut-Lock
8	71-9310	1	Spacer
9	71-9320	1	Spacer
10	322-19	1	Screw-HH
11	46-6430	1	Screw-Handle
12	3290-378	1	Tie-Cable
13	85-6760	1	Cable-Throttle
14	3296-29	1	Nut-Lock,NI
15	92-1778-03	1	Bracket-Control
16	3296-42	1	Nut-Lock
17	84-9090-01	1	Panel-Control
18	49-1631	1	Spacer-Support
19	17-9427	1	Screw-Hdle
20	86-9320	1	Bushing-Flange
21	84-9000	1	Traction Lever
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



Rear Axle Assembly

Ref. No.	Part No.	Qty.	Description
1	36-8070	1	V-Belt
2	32151-36	2	Ring-Retaining
3	74-1810	2	Washer
4	48-2170	2	Cap-End
5	32152-2	2	Nut-Conelock
6	62-3830	2	Washer-Thrust, Outer
7	39-9160	2	Gear-Pinion
8	74-1640	2	Cover-Wheel
9	74-1720	2	Wheel & Tire ASM Sp
10	323-13	2	Screw-HH
11	74-1650	2	Spacer-Cover, Wheel
12	39-9650	2	Spring-Comp
13	612066	2	Key-Burg-Nort
14	32151-68	4	Ring-Retaining
15	49-7700	2	Washer-Thrust, Outer
16	74-1851	2	Pivot Arm ASM
16:1	47-6730	1	Seal-Oil
16:2	48-2060	1	Bearing-Roller
16:3	52-2450	1	Bearing-Wheel
16:5	92-6316	1	Zerk-Drive, Special
17	66-7561	2	Rear Spring Arm ASM
18	25-7740	2	Knob-Arm
19	74-1960	1	Lever-Shift
20	32121-99	1	Pin-Coil

Ref. No.	Part No.	Qty.	Description

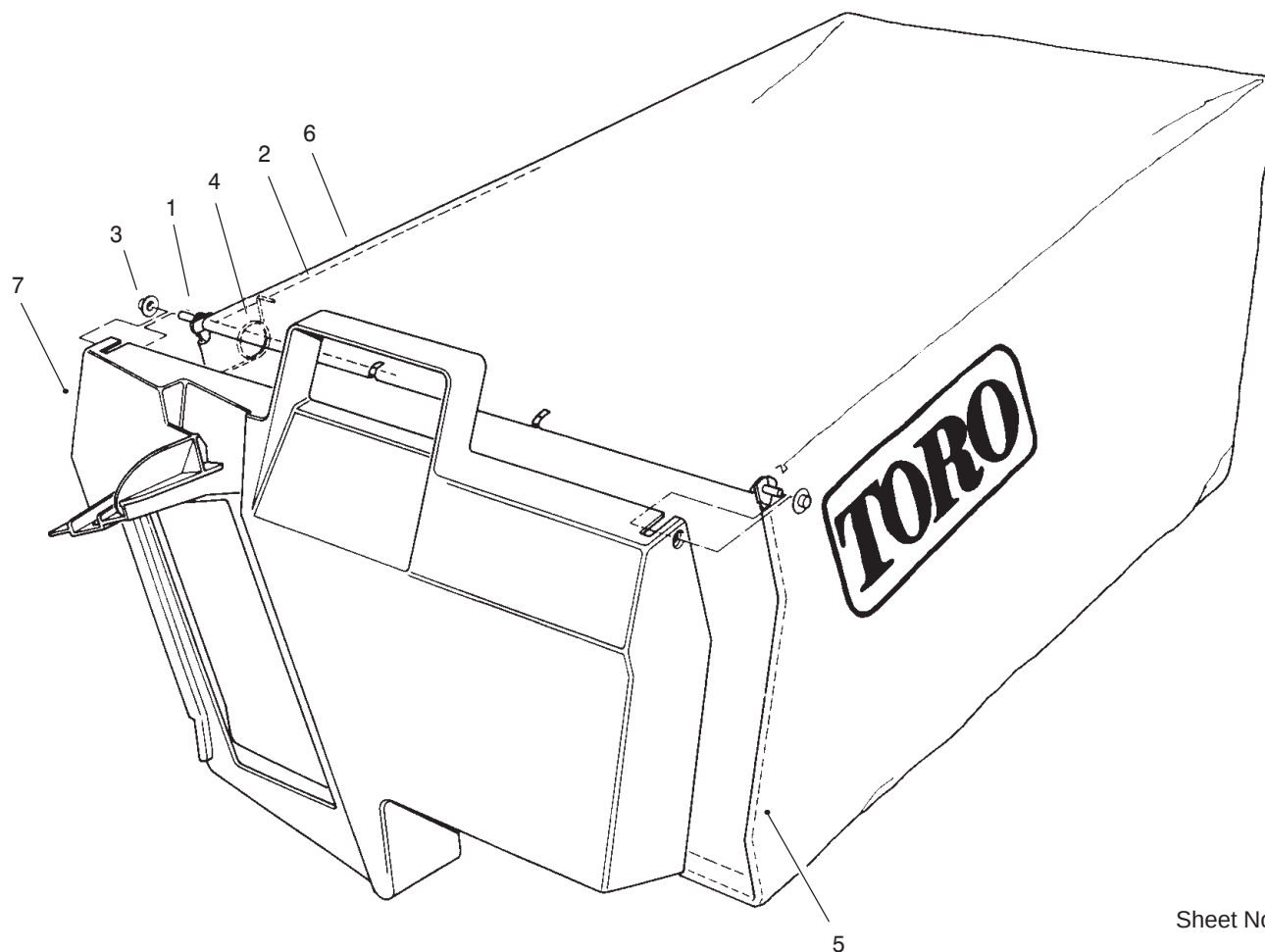


Sheet No.:A3

Rear Wheel & Tire Assembly

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
5	92-4957-06	1	Wheel Half/Gear ASM
6		1	Hub & Brg 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

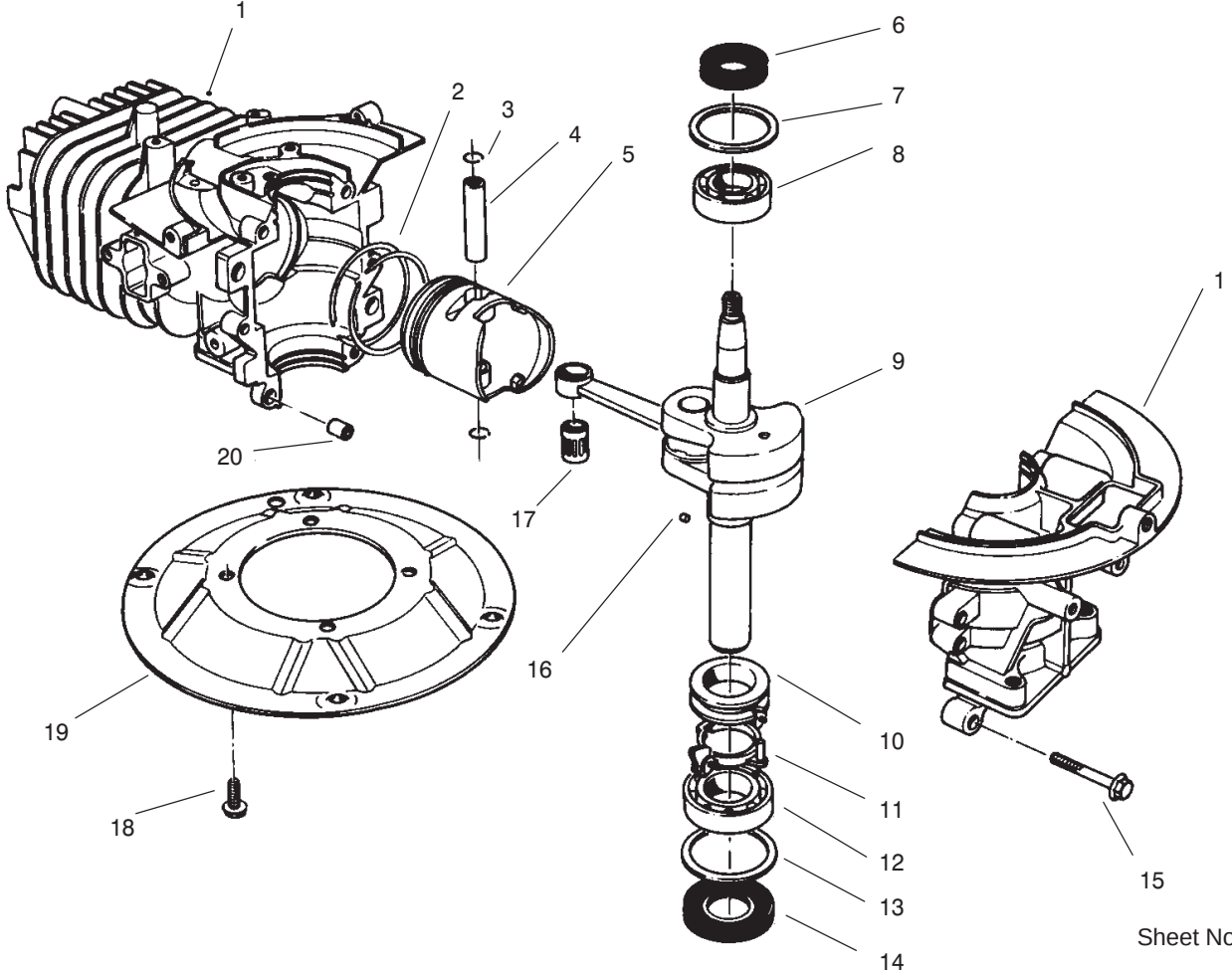


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Grass Bag Assembly

Ref. No.	Part No.	Qty.	Description
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-Grass Bag
	99-2535	1	Grass Bag
			Assy-service Only

Ref. No.	Part No.	Qty.	Description



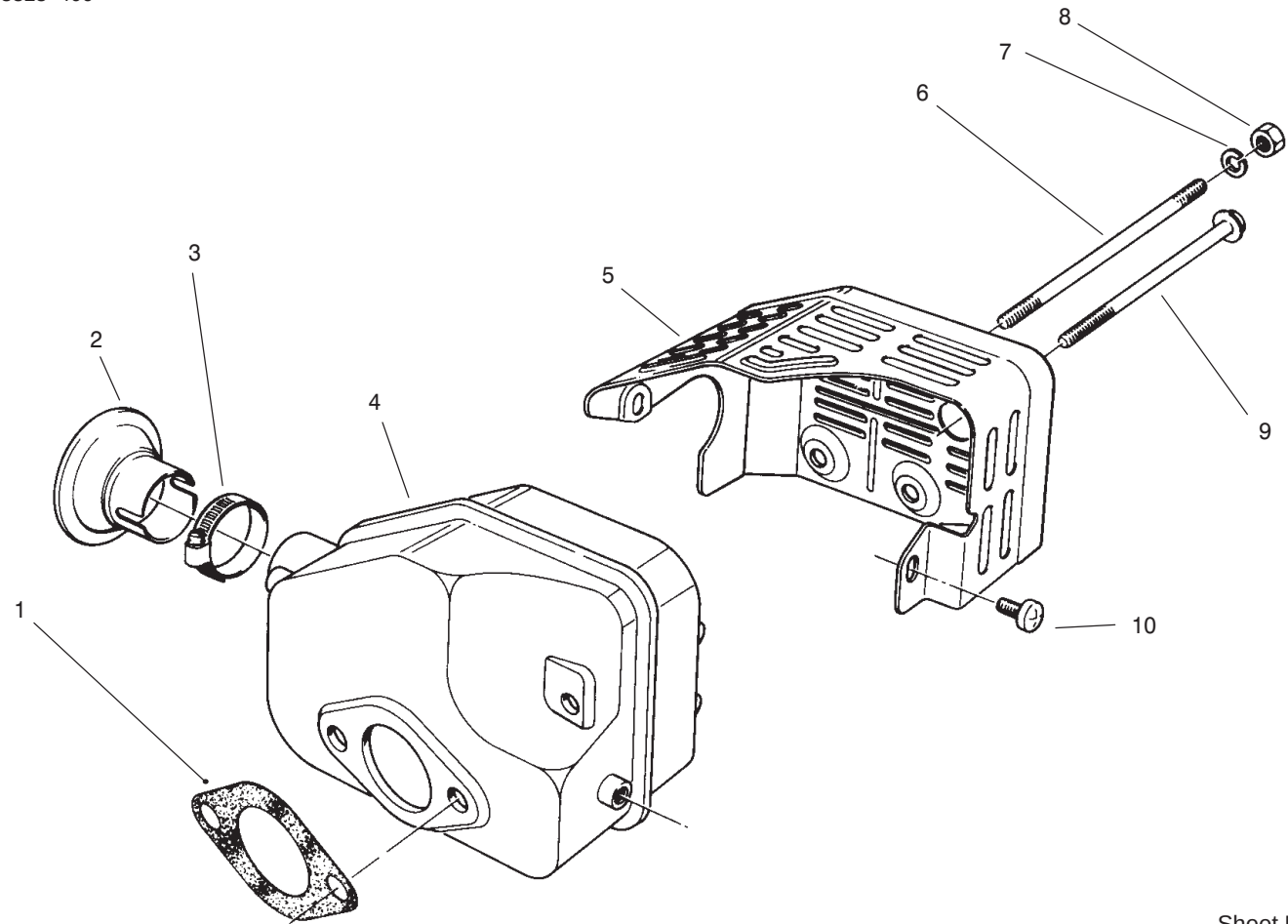
Sheet No.:

CRANKSHAFT ASSEMBLY (Model No. 47PT7-7)

Ref. No.	Part No.	Qty.	Description
1	94-1685	1	Crankcase/Cylinder Assy.
2	81-0590	1	Piston Ring Set
3	81-0620	2	Circlip
4	81-0600	1	Pin - Wrist
5	81-2140	1	Piston - 58mm
6	81-0720	1	Seal - Oil, Upper
7	81-0710	1	Washer - Thrust, Upper
8	81-0690	1	Bearing - Upper 20mm
9	81-5830	1	Crankshaft/Connecting Rod Assembly
10	81-0770	1	Spacer - Governor
11	81-0750	1	Bracket - Arm, Governor
12	81-0700	1	Bearing - Lower 25mm
13	81-0730	1	Washer - Thrust, Lower
14	81-0740	1	Seal - Oil, Lower
15	81-0540	5	Bolt 30mm Lg.
16	81-0760	1	Pin - Crankshaft
17	81-0610	1	Bearing - Wrist Pin
18	81-0570	4	Bolt

Ref. No.	Part No.	Qty.	Description
19	81-0560	1	Plate - Mounting
20	81-0520	2	Pin - Crankcase
*	98-2049	1	Short Block

*Not Illustrated



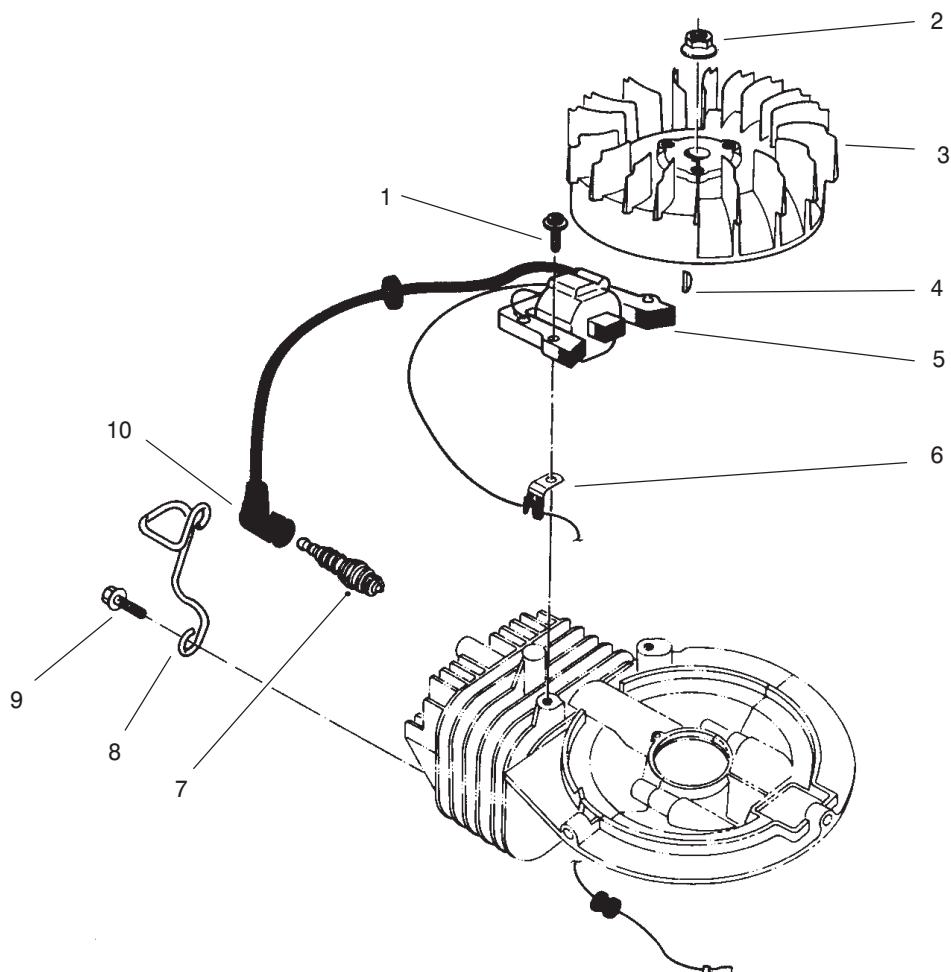
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MUFFLER ASSEMBLY
(Model No. 47PT7-7)

Ref. No.	Part No.	Qty.	Description
1	81-1080	1	Gasket – Muffler
2	81-0200	1	Spark Arrester (Optional)
†3		1	Clamp
4	81-5690	1	Muffler
5	81-2450	1	Cover – Muffler
6	81-1100	2	Bolt
7	81-1120	2	Washer – Lock
8	81-1110	2	Nut
9	81-1150	1	Bolt – Self Tapping
10	81-1140	2	Screw – Phillips Hd.

Ref. No.	Part No.	Qty.	Description

†Obtain Locally



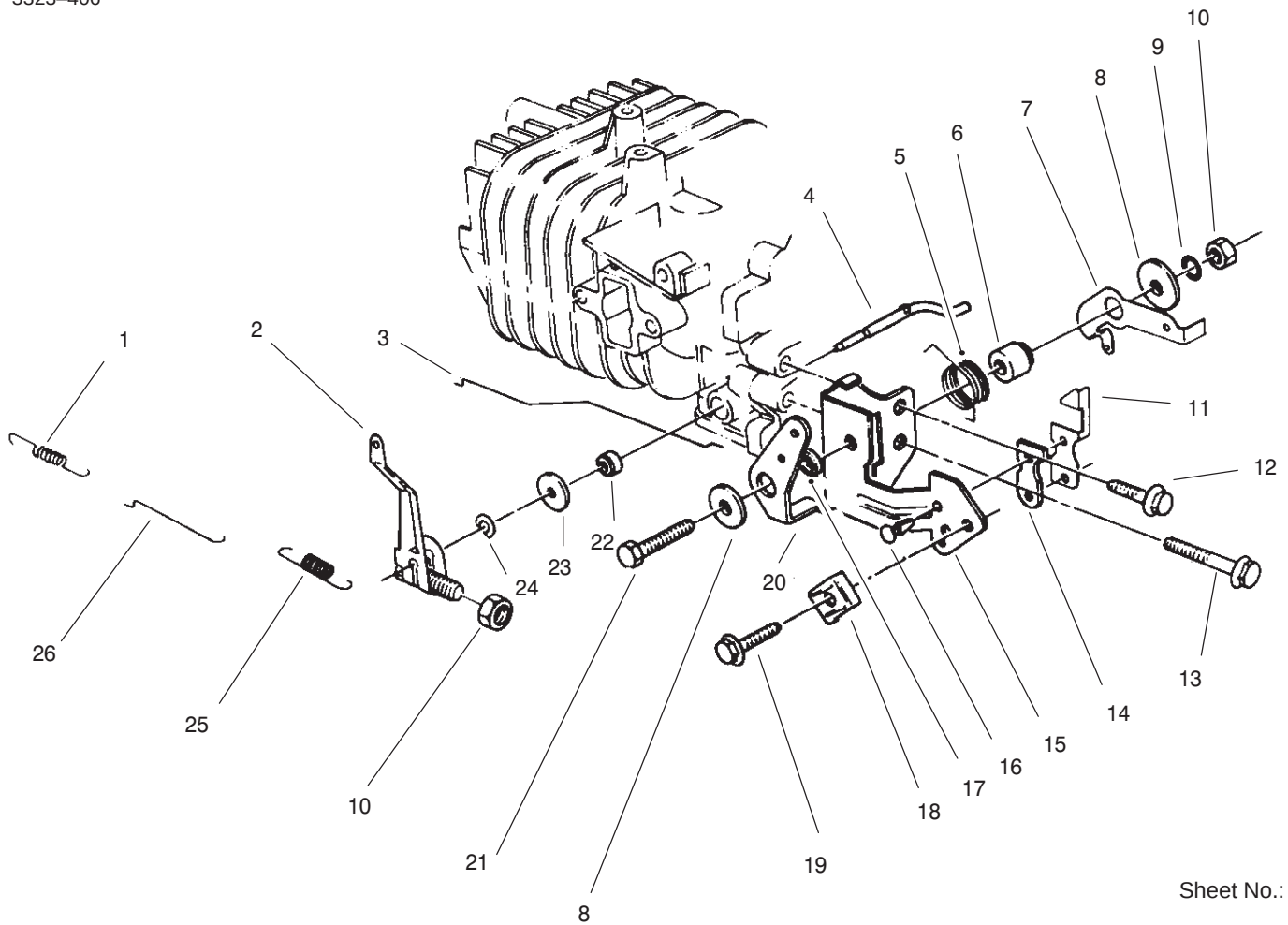
Sheet No.:

IGNITION ASSEMBLY (Model No. 47PT7-7)

Ref. No.	Part No.	Qty.	Description
1	81-5680	2	Screw – Cap, Hex Hd.
2	81-1330	1	Nut
3	81-2810	1	Flywheel – Magneto
4	81-2370	1	Key – Flywheel
5	81-2820	1	Coil/Ignition Assembly
6	81-1480	1	Clamp
7	81-0181	1	Spark Plug
8	81-2120	1	Guard – Spark Plug
9	81-2350		Bolt – Self Tapping
		2	(20mm Lg.)
10	81-1500	1	Cap Assembly – Spark Plug
*	41-7650	1	Puller – Flywheel

Ref. No.	Part No.	Qty.	Description

*Not Illustrated

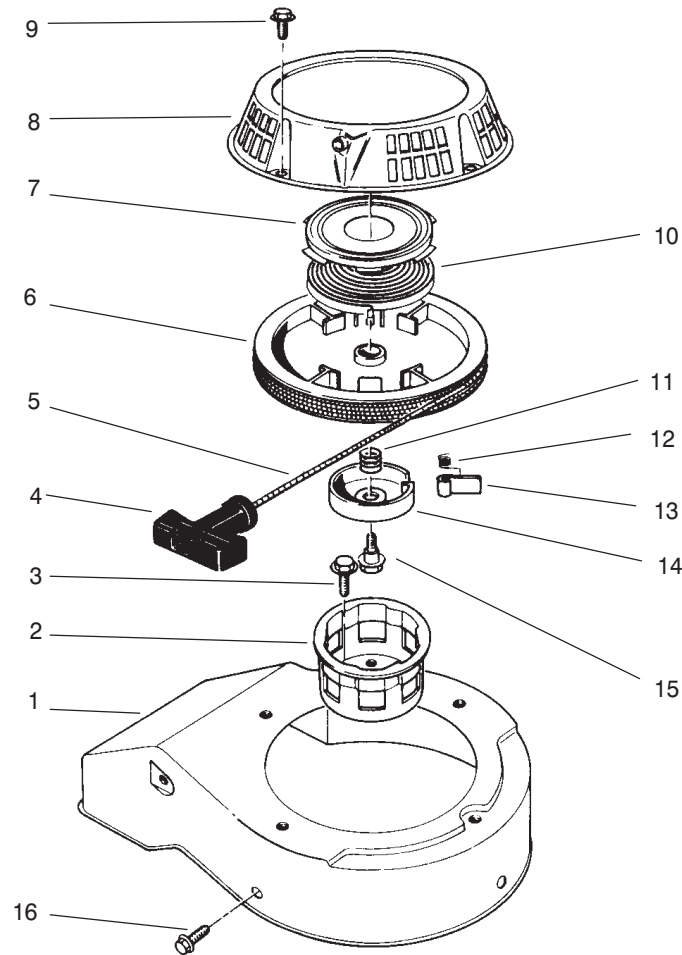


Sheet No.:

GOVERNOR ASSEMBLY (Model No. 47PT7-7)

Ref. No.	Part No.	Qty.	Description
1	81-0920	1	Spring – Carburetor Rod
2	81-5420	1	Governor Arm/Bolt Assy.
3	81-5410	1	Rod – Choke
4	81-2880	1	Shaft – Governor
5	81-2460	1	Spring – Lever, Choke
6	81-5780	1	Spacer – Lever, Governor
7	81-2850	1	Lever – Governor
8	81-1750	2	Washer – Lever, Choke
9	81-1450	1	Washer – Lock
10	81-0900	2	Nut
11	81-1840	1	Terminal – Kill Switch
12	81-1170	1	Bolt – Self Tapping
13	81-0540	1	Bolt
14	81-1830	1	Insulator – Kill Switch
15	81-5770	1	Bracket – Throttle
16	81-4530	2	Rivet – Kill Switch
17	81-2470	1	Spacer – Lever, Choke
18	81-2430	1	Clamp – Cable
19	50-0130	1	Bolt – Clamp, Cable
20	81-1710	1	Lever – Choke
21	81-1730	1	Bolt – Bracket, Throttle

Ref. No.	Part No.	Qty.	Description
22	81-0850	1	Seal – Shaft, Governor
23	81-0860	1	Washer
24	81-0870	1	Ring – Retaining
25	81-2830	1	Spring – Governor
26	81-0910	1	Rod – Carburetor

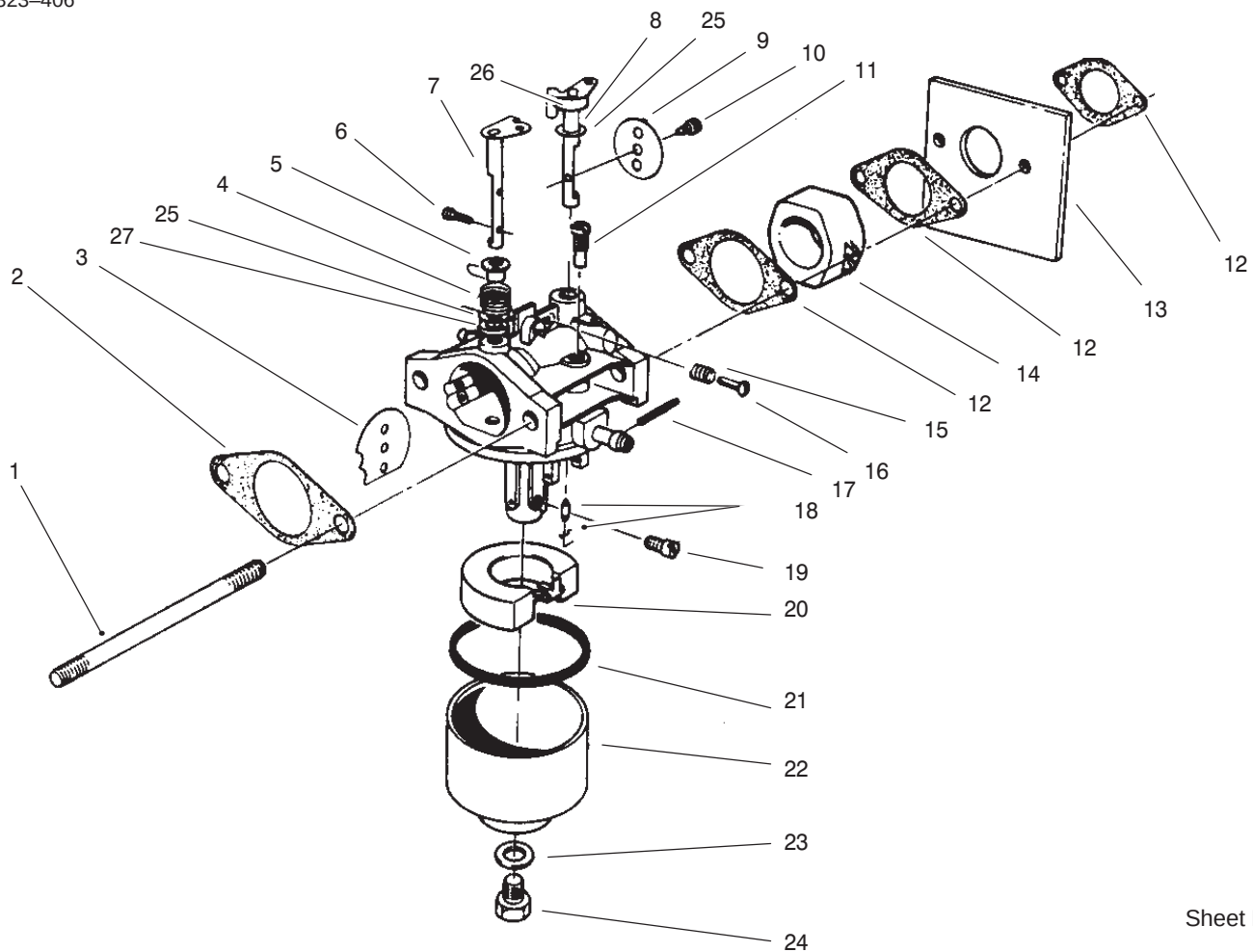


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**RECOIL ASSEMBLY
(Model No. 47PT7-7)**

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	81-2080	1	Cover – Fan, Cooling				
2	81-2170	1	Cup – Pulley, Starter				
3	81-1300	3	Bolt				
4	81-1630	1	Handle – Recoil				
5	81-1270	1	Rope				
6	81-1210	1	Pulley – Rope				
7		1	Retainer – Spring, Recoil				
8	81-2100	1	Case – Starter				
9	81-1280	4	Bolt				
10		1	Spring – Recoil				
11	81-1240	1	Spring – Compression				
12	81-1220	1	Spring – Dog				
13	81-1230	1	Dog – Starter				
14	81-1250	1	Retainer – Dog				
15	81-1260	1	Bolt – Shoulder				
16	53-1340	3	Bolt – Self Tapping (15mm Lg.)				
*	81-2030		Starter Assembly (Incl. Ref. #4-15)				
*	81-2300	1	Spring & Retainer Assembly (Incl. Ref. #7 & 10)				

*Not Illustrated



Sheet No.:

CARBURETOR ASSEMBLY (Model No. 47PT7-7)

Ref. No.	Part No.	Qty.	Description
1	81-5450	2	Stud Bolt, Carburetor
2	81-0090	1	Gasket
3	81-0240	1	Valve - Choke
4	81-0230	1	Spring - Choke
5	81-0220	1	Bushing - Choke
6	81-2160	2	Screw - Choke Plate
7	81-1950	1	Shaft - Choke
8	81-0250	1	Shaft - Throttle
9	81-0260	1	Valve - Throttle
10	81-0270	1	Screw - Throttle
11	94-1684	1	Jet - Pilot #42.5
12	81-0780	3	Gasket - Carburetor
13	81-5490	1	Shield - Carburetor
14	81-5440	1	Insulator - Carburetor
15	81-2580	1	Spring - Idle Stop
16	50-0250	1	Screw - Idle Stop
17	81-2600	1	Pin - Float
18	81-4910	1	Needle Valve
19	81-1060	1	Jet - Main #75
*	81-2340		Jet - Main #72.5 High Alt.
		A/R	Above 6,000 Ft. (Optional)
20	81-0970	1	Float

Ref. No.	Part No.	Qty.	Description
21	81-1010	1	Gasket - Bowl, Float
22	81-5660	1	Bowl - Float
23	81-1020	1	Gasket - Capscrew, Bowl
24	81-5670	1	Capscrew - Bowl
25	81-2530	2	Seal
26	81-2540	1	Ring
27	81-2550	1	Packing
*	12-6379	1	Carburetor Kit (Incl. Ref. #2, 12, 18, 21 & 23)
*	81-2520	1	Carburetor Assy. Complete
*	81-5810	1	Needle Valve Kit (Incl. Valve Seat & Ref. #18)
*	94-1687	1	Carburetor Ass'y w/Primer

*Not Illustrated

