FORM NO. 3319–915

TORO®

53cm Side Discharge Mower

Model No. 20711 – 8900001 & Up

Parts Catalog

ORDERING REPLACEMENT PARTS

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

Contents

Description	Page
Housing Assembly	1
Cover Assembly	2
Gear Case & Wheel Assembly	3
Engine Assembly	4
Handle Assembly	5
Gear Case Assembly	6
Shroud, Crankcase, & Carburetor Assembly	7
Muffler & Brake Assembly	8
Crankshaft Assembly	9
Carburetor Assembly	10
Piston & Connecting Rod Assembly	11
Crankcase Assembly	12
Shroud & Recoil Assembly	13

Note:

Accessories

Description	Model / Parts No.
Rear Discharge Grass Catcher	Model No. 59187

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

© The TORO Company — 1997
All Rights Reserved

Service Assemblies

Parts within service assemblies have reference numbers in the form *X:Y. X* is the reference number of the service assembly and *Y* is 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.

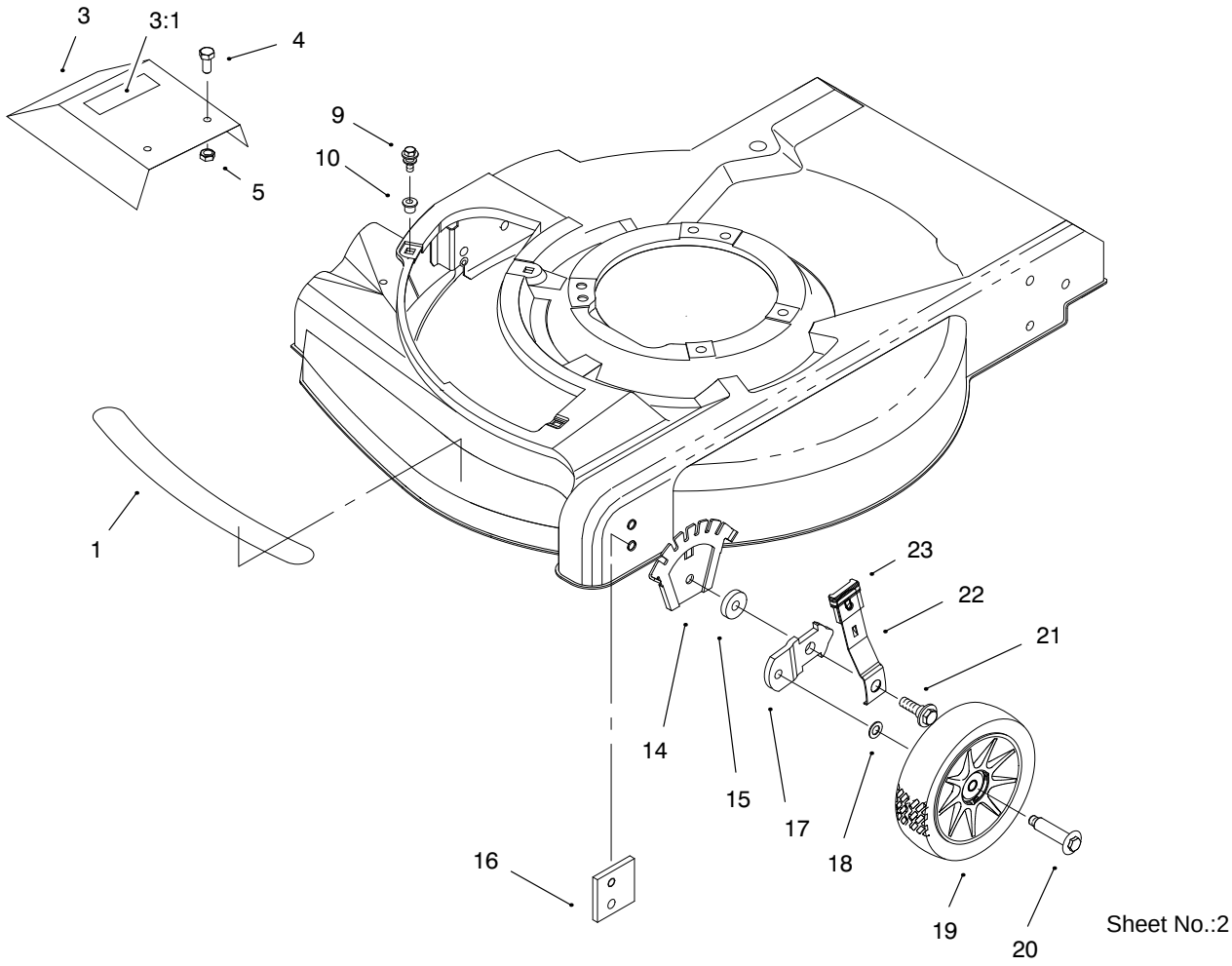
Reference numbers of this type appear in part lists and as callouts in illustrations.

Reference Numbers with Quantities

Illustrations may have a quantity in parentheses next to a reference number, in the form *X (Y). X* is the reference number. *Y* in parentheses is the quantity of the part identified by the reference number.

For example, the illustration callout 4 (2) indicates that two parts are used in that instance.

3319–915

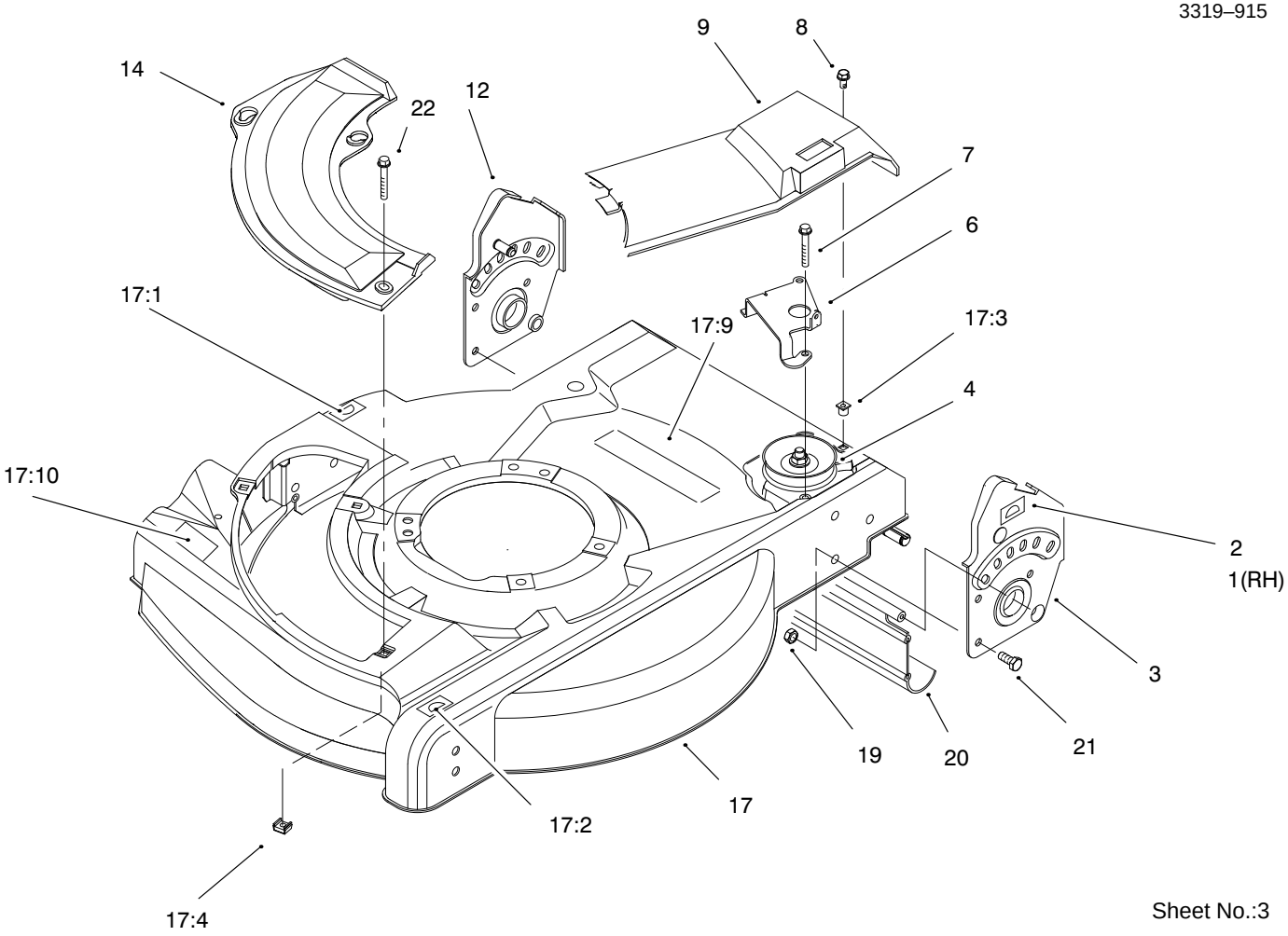


Sheet No.:2

Housing Assembly

Ref. No.	Part No.	Qty.	Description
1	95–7055	1	Decal–Deck
3	94–1697	1	Guard–Plate/Decal
3:1	93–6667	1	Decal–Danger
4	32105–15	2	Screw–HH
5	3296–42	2	Nut–lock
9	614677	2	Screw–Sems
10	94–1610	2	Grommet–Plastic
14	92–4881	2	Plate–Height Adjust
15	92–4890	2	Washer
16	92–7731	2	Plate–Baffle
17	95–7403	2	Bracket–Wheel Height Adj
18	40–1940	2	Washer
19	684776	2	ASM–Wheel & Tire 6”
20	92–1099	2	Bolt–Shoulder
21	614672	2	Bolt–Shoulder
22	614687	2	Spring Arm–Front
23	92–1008	2	Knob–Height Adjust

Ref. No.	Part No.	Qty.	Description

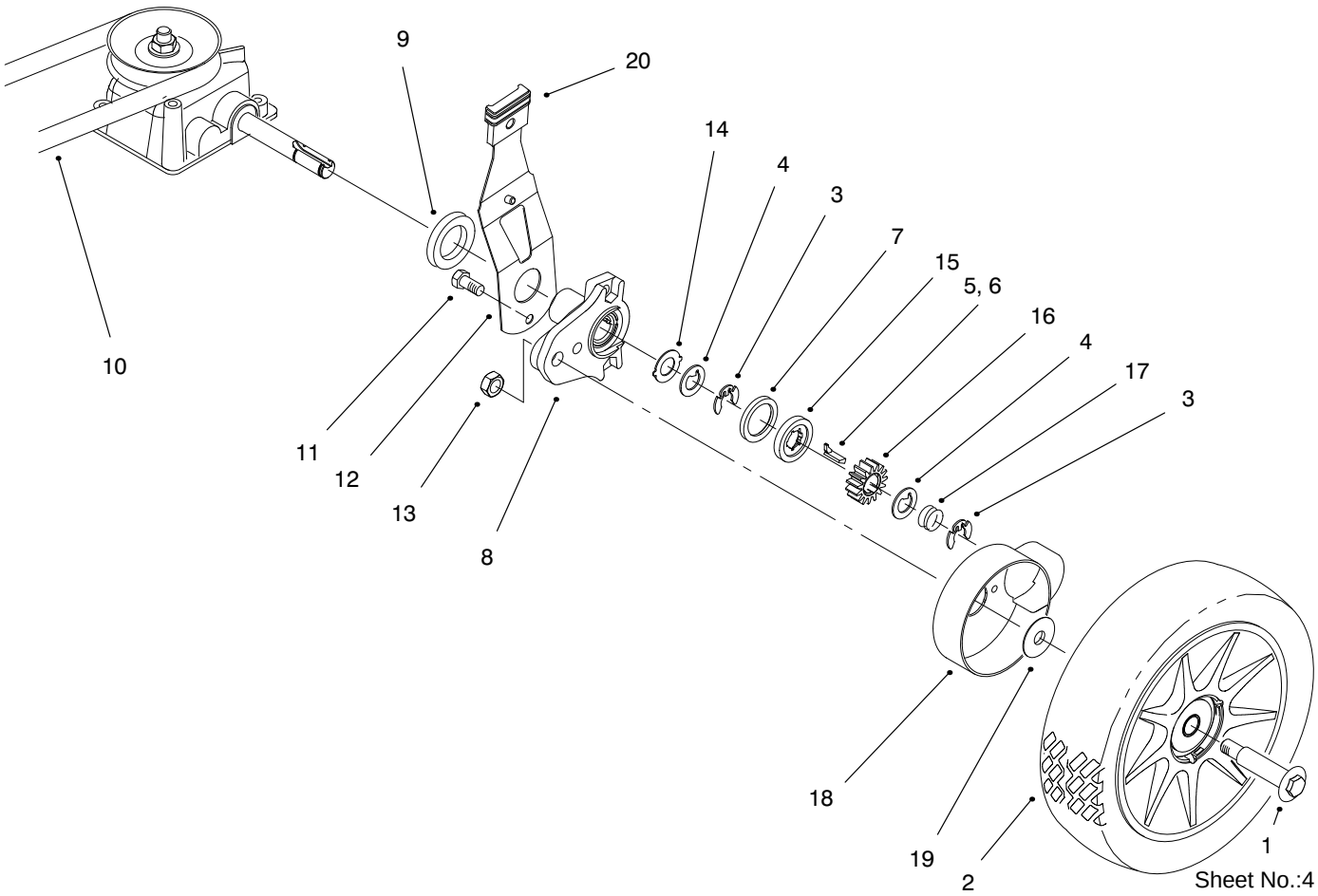


Sheet No.:3

Cover Assembly

Ref. No.	Part No.	Qty.	Description
3	92–7724	1	ASM–Handle Bracket
4	92–7735	1	ASM–Gear Case
6	92–7728	1	Guide–Transmission
7	49–2040	2	Screw–HH
8	92–9665	1	Screw–Phil
9	95–7068	1	Cover–Drive
12	92–7723	1	ASM–Handle Bracket
14	95–7052	1	Plate–Cover
17	95–7088	1	Housing & Baffle ASM
17:1	93–6671	2	Decal–HOC
17:2	93–6670	2	Decal–HOC
17:3	605120	1	Grommet
17:4	613765	1	Nut–Cage
17:9	93–6657	1	Decal–Danger
17:10	93–6667	1	Decal–Danger
19	3296–29	6	Nut–Lock
20	92–8647	1	Shield–Trailing
21	322–3	6	Screw–HH
22	46–6811	1	Screw–HWH

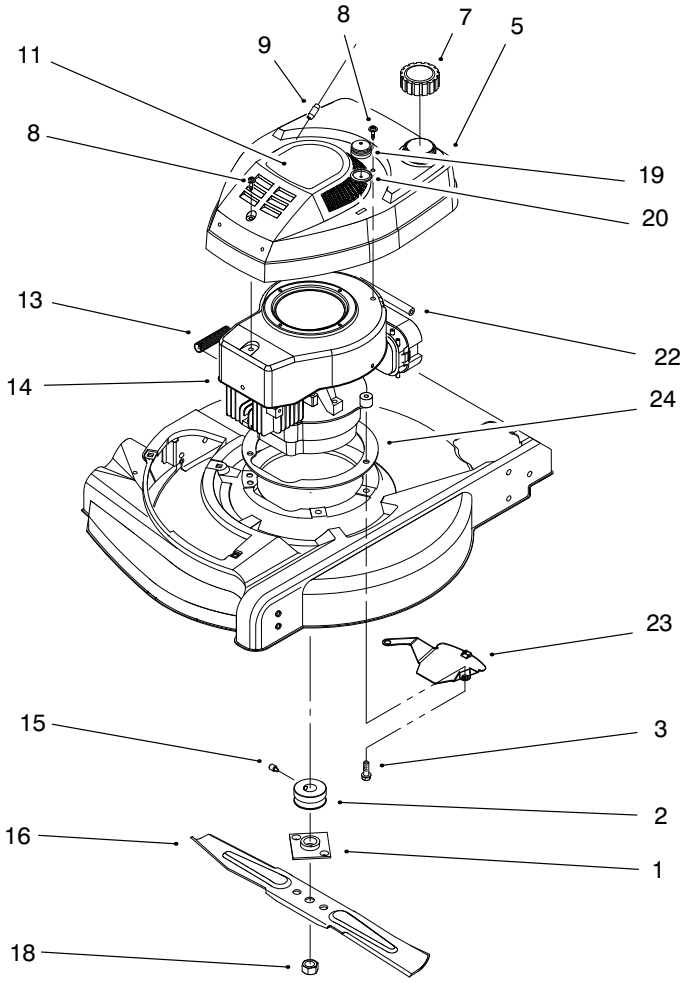
Ref. No.	Part No.	Qty.	Description



Gear Case & Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	92–1057	2	Bolt–Shoulder
2	92–1042	2	ASM–Whl
3	65–2720	4	Ring–Retaining
4	65–4740	4	Washer–Thrust
5	66–6050	1	Key–Rocking LH
6	66–6040	1	Key–Rocking RH
7	65–4710	2	Ring–Friction
8	92–7746	2	ASM–Hgt Adj Arm
9	614447	2	Spacer–Axle Shaft
10	93–7381	1	V–Belt
11	32144–85	2	Screw–HH
12	92–1004	2	ASM–Spring Arm
13	610358	2	Nut–Lock
14	65–4730	2	Washer–Thrust
15	65–4760	2	Washer
16	65–4750	2	Gear–Pinion
17	65–4720	2	Spring–Compression
18	94–1609	2	Cover–Wheel
19	614426	2	Washer–Stepped
20	92–1008	2	Knob–Height Adjust

Ref. No.	Part No.	Qty.	Description

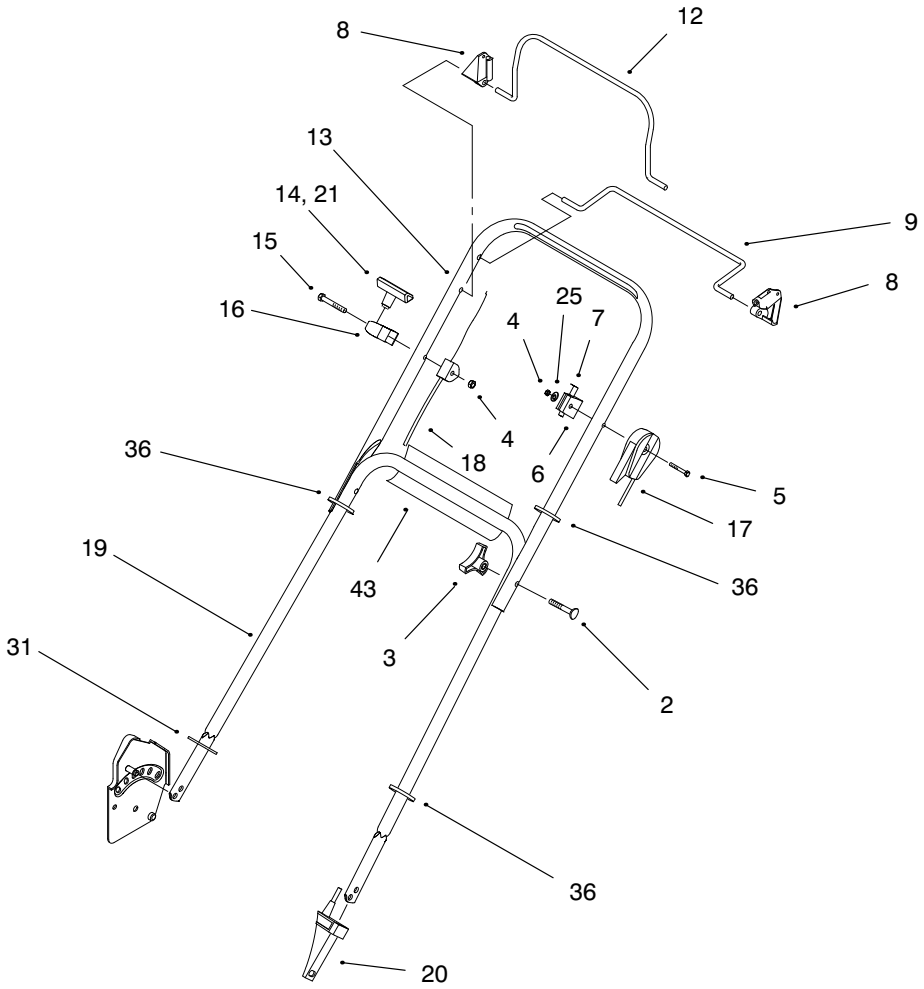


Sheet No.:5

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	677525	1	ASM–Plate & Collar
2	92–6542	1	Pulley–Engine
3	95–1726	3	Screw–Engine Mount
5	92–6380	1	ASM–Tank & Shroud
7	93–3660	1	ASM–Fuel/Oil Cap
8	93–4302	3	Screw–Sems
9	92–1701	1	Rope–Stop
11	95–7058	1	Decal–Shroud
13	93–4306	1	Spring–Compression
14		1	ASM–Engine
15	613227	1	Screw–Set
16	612543	1	Blade–21” Whirl
18	603164	1	Nut–Blade
19	66–7460	1	Bulb–Primer
20	44–2750	1	Body–Primer
22	612782	1	Gas Line
23	93–4196	1	Shield–Grass
24	93–7152	1	Plate–Engine

Ref. No.	Part No.	Qty.	Description

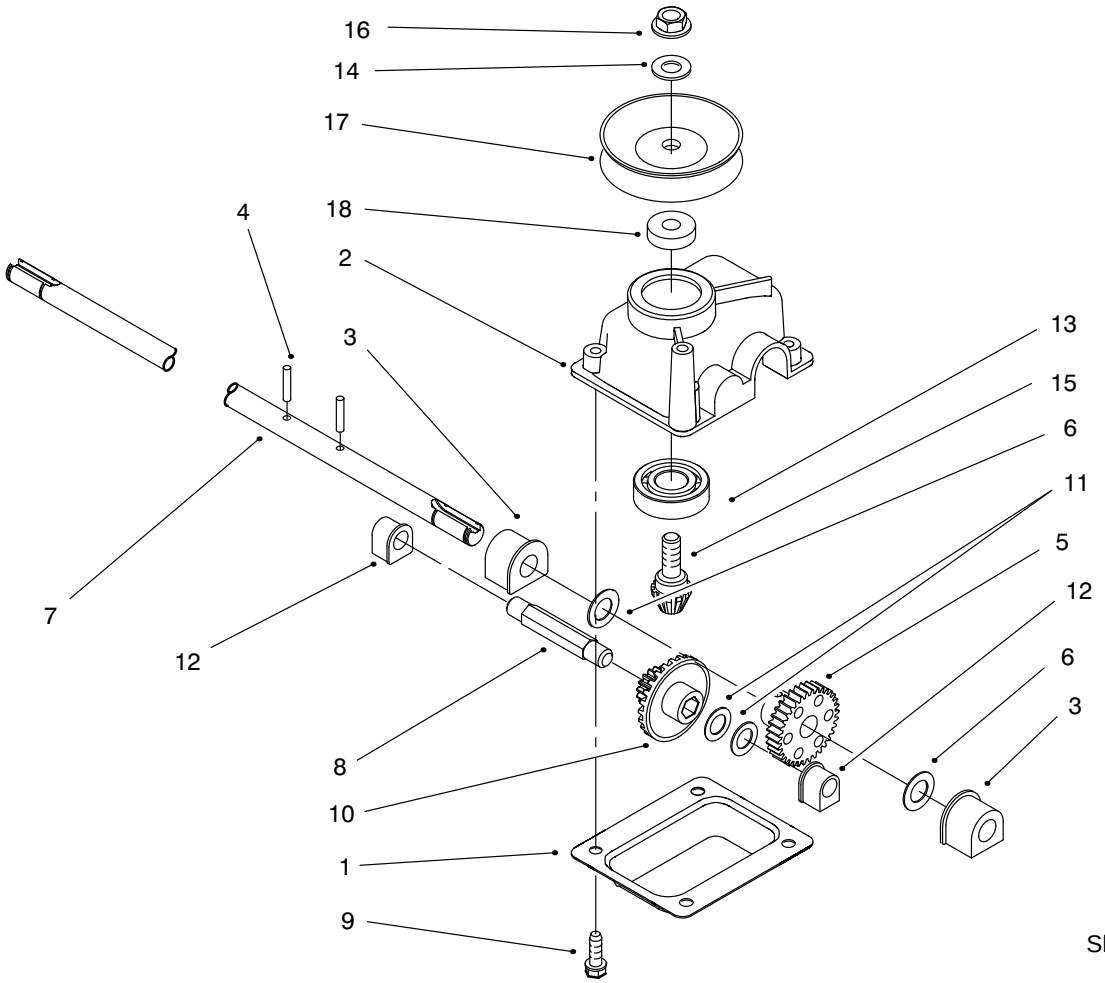


Sheet No.:6

Handle Assembly

Ref. No.	Part No.	Qty.	Description
2	614697	2	Screw–Handle
3	614243	2	Knob
4	3296–73	2	Nut–Lock
5	321–49	1	Screw–HH
6	92–7729	1	Anchor–Cable
7	95–5590	1	Cable–Traction
8	92–5412	2	Stop–Pivot
9	92–1001	1	Bail–Sp Control
12	93–4184	1	Bail–Flywheel Brake
13	95–1713	1	Handle Section–Upper
14	612825	1	Handle–Starter
15	321–50	1	Screw
16	93–7383	1	Guide–Rope
17	95–7069	1	Cable–Throttle
18	92–7738	1	Cable–Flywheel Brake
19	614643	1	Handle Section–Lower
20	93–7380	1	Anchor–Cable
21	612824	1	Clip–Rope
25	3256–1	1	Washer–Flat
31	93–3653	1	Handle–Guard
36	3290–378	3	Tie–Cable
43	98–3248	1	Decal–Operation

Ref. No.	Part No.	Qty.	Description

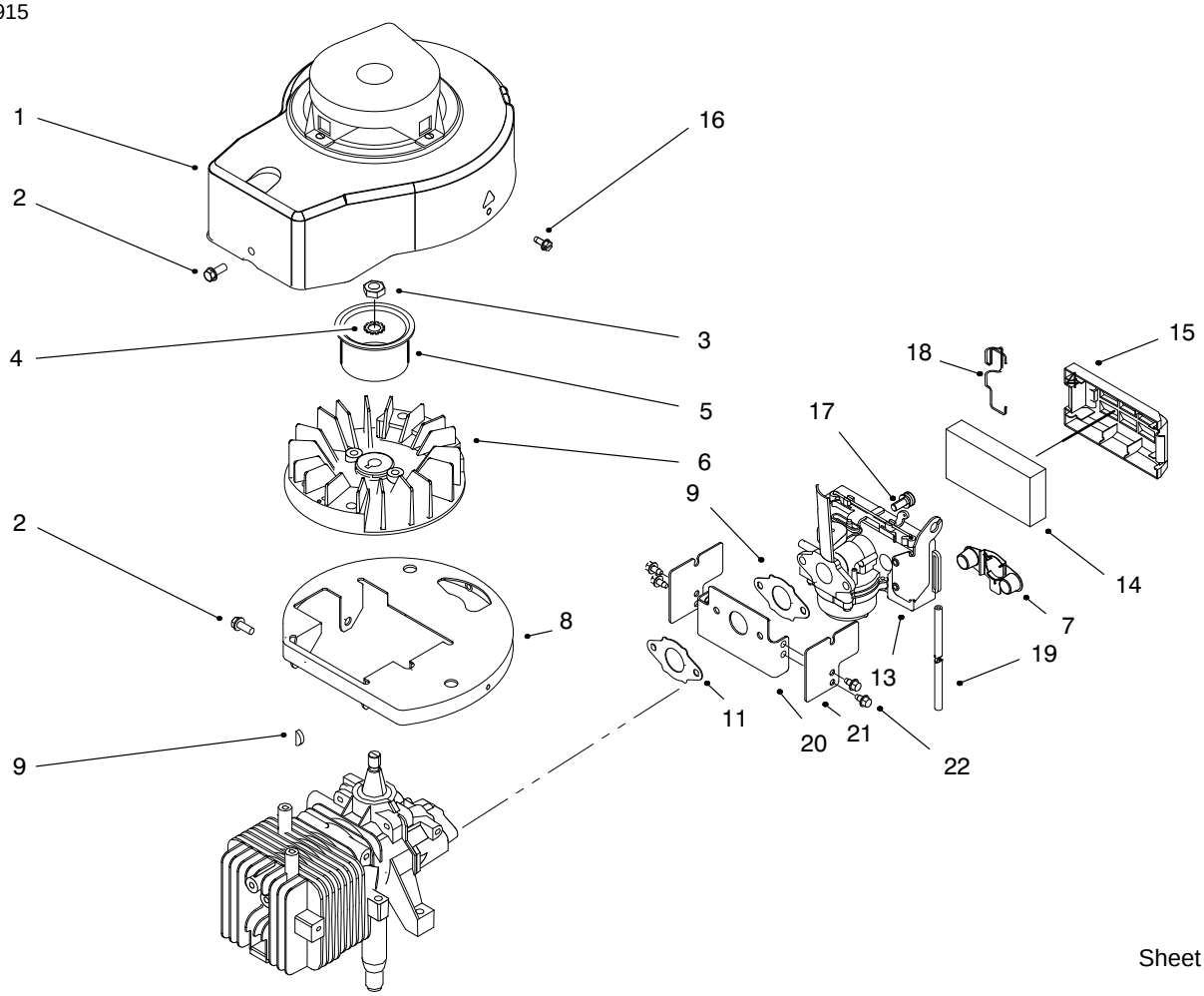


Sheet No.:100

Gear Case Assembly

Ref. No.	Part No.	Qty.	Description
1	614668	1	Cover–Gear Case
2	92–7727	1	Gearcase–Upper Ss
3	60–8850	2	Bushing–Output
4	3285–19	2	Pin–Spirol
5	614596	1	Gear–34t
6	36–4780	2	Washer–Thrust
7	93–0239	1	Shaft–Output
8	614696	1	Shaft–Intermediate
9	32144–4	4	Screw–TAP
10	55–3760	1	15 T Pinion
11	36–4791	2	Washer–Thrust
12	60–8750	2	Bushing
13	38–7820	1	Bearing–Ball
14	3256–24	1	Washer–Flat
15	60–8890	1	Gear–Pinnion
16	3296–5	1	Nut–Lock
17	614669	2	Pulley–Half
18	62–6660	1	Spacer–Pulley
	92–7735	1	Gear Case ASM Complete

Ref. No.	Part No.	Qty.	Description

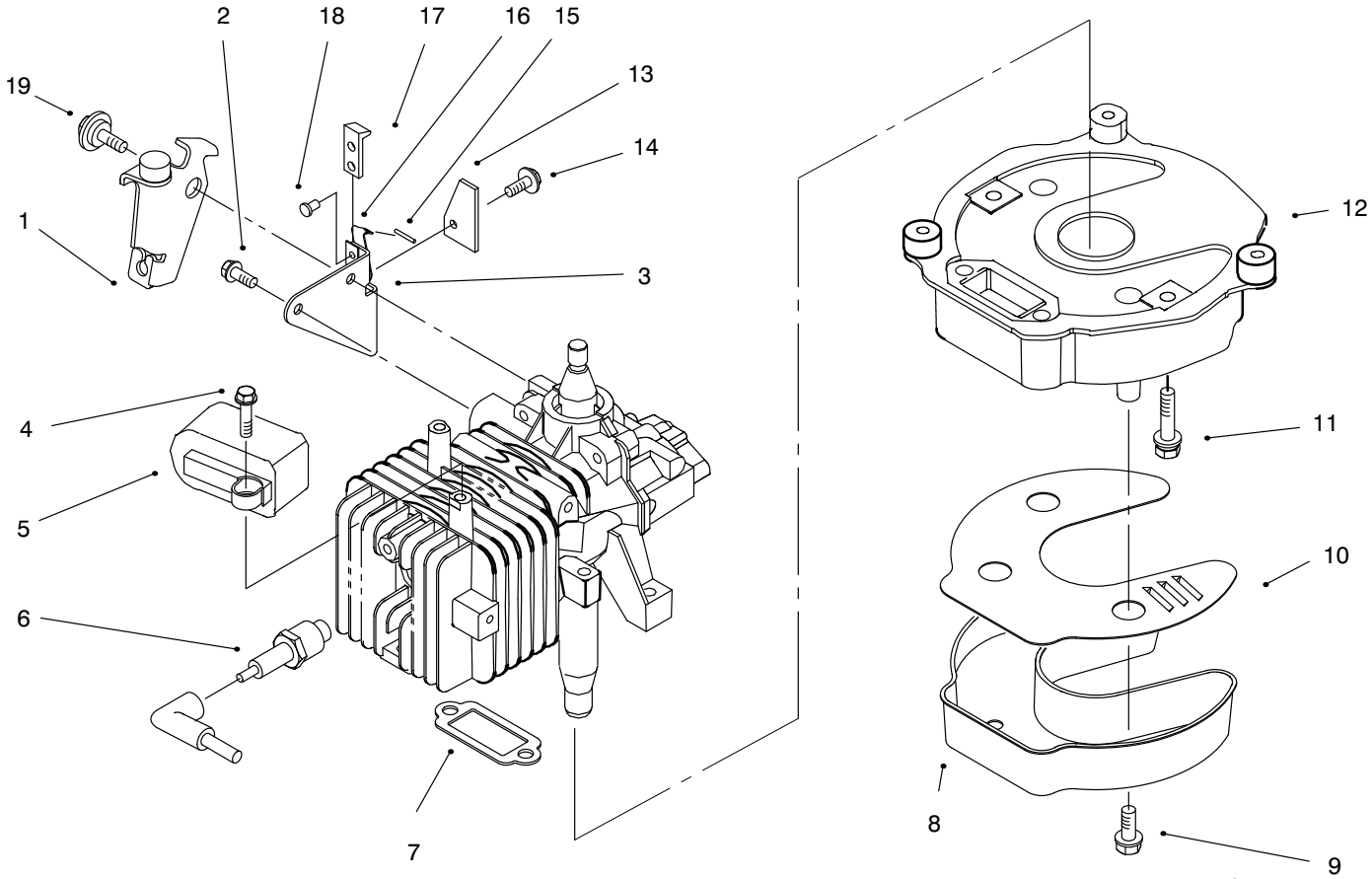


Sheet No.:102

Shroud, Crankcase, & Carburetor Assembly

Ref. No.	Part No.	Qty.	Description
1	93–4304	1	ASM–Shroud & Recoil
2	614702	4	Screw
3	130743	1	Nut
4	316959	1	Washer–Lock
5	614640	1	Hub–Starter
6	684743	1	ASM–Flywheel
7	93–4320	1	Shield–Fuel
8	93–1216	1	Base–Shroud
9	607199	1	Key
11	92–4948	2	Gasket–Carburetor
13	93–4331	1	ASM–Carburetor
14	609493	1	Element–Filter
15	93–1231	1	Cover–Air Filter
16	614699	3	Screw
17	609482	2	Screw
18	610383	1	Retainer–Filter
19	44–3174	1	Hose–Primer
20	93–4315	1	Shield–Carburetor(Int’l)
21	93–4316	2	Shield–Governor V(Int’l)
22	613269	4	Screw

Ref. No.	Part No.	Qty.	Description

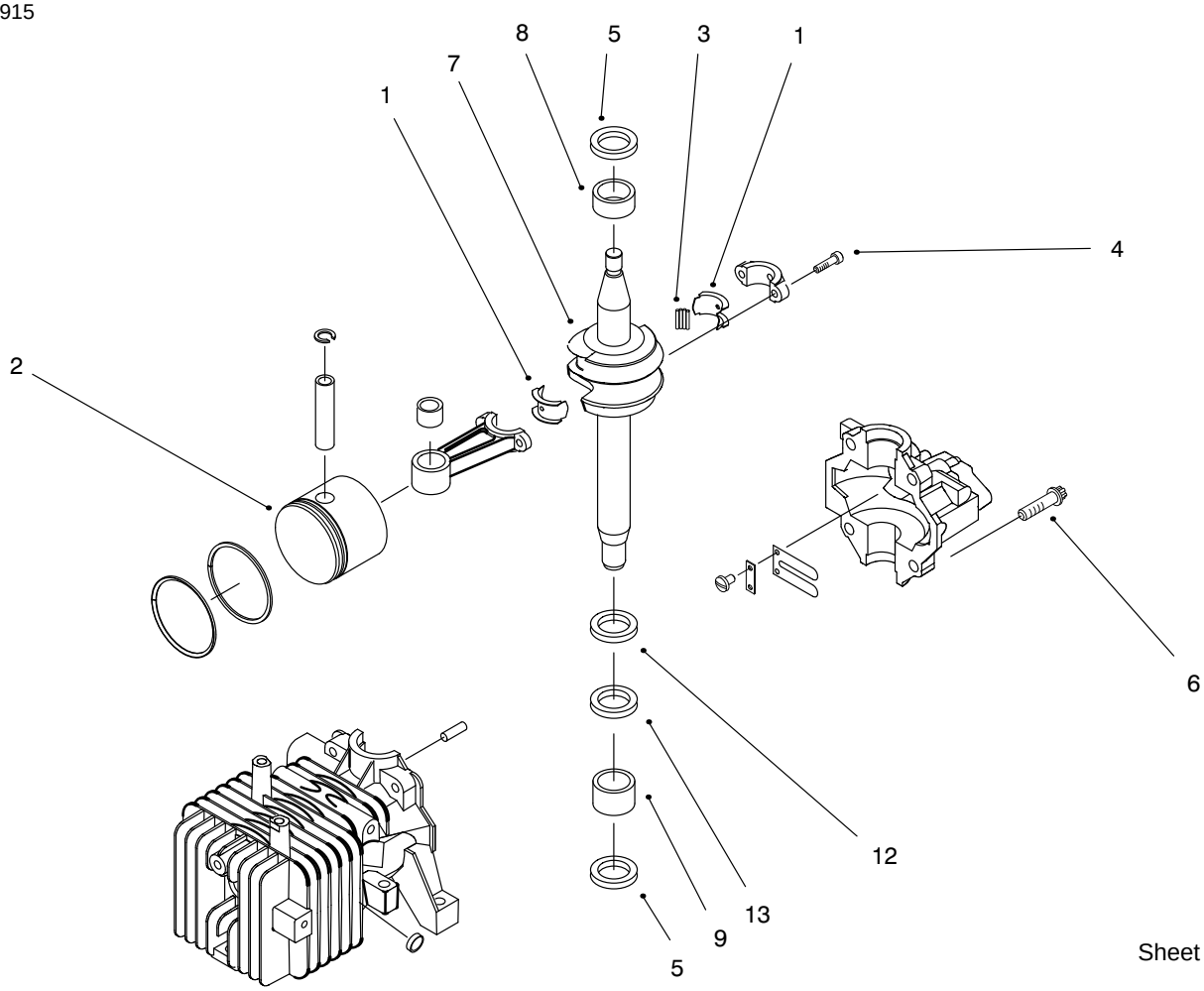


Sheet No.:103

Muffler & Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	93–4312	1	ASM–Brake Plate
2	614702	1	Screw
3	84–7820	1	Plate–Mount Brake
4	613208	2	Screw–HWH
5	684049	1	Ignition ASM
6	614009	1	Plug–Spark
7	93–1233	1	Gasket–Exhaust
8	614674	1	Cover–Muffler
9	609471	3	Screw
10	93–4343	1	Baffle
11	607601	4	Screw
12	614654	1	Plate–Muffler
13	53–4690	1	Stop–Ground Strap
14	12–5450	1	Screw–Thread Forming
15	92–1156	1	Brake Switch Lead Wire
16	60–9010	1	Strap–Ground
17	92–2925	1	Strap–Insulation
18	3290–459	2	Rivet–Self Expand Plas
19	92–9698	1	Screw–Shoulder

Ref. No.	Part No.	Qty.	Description

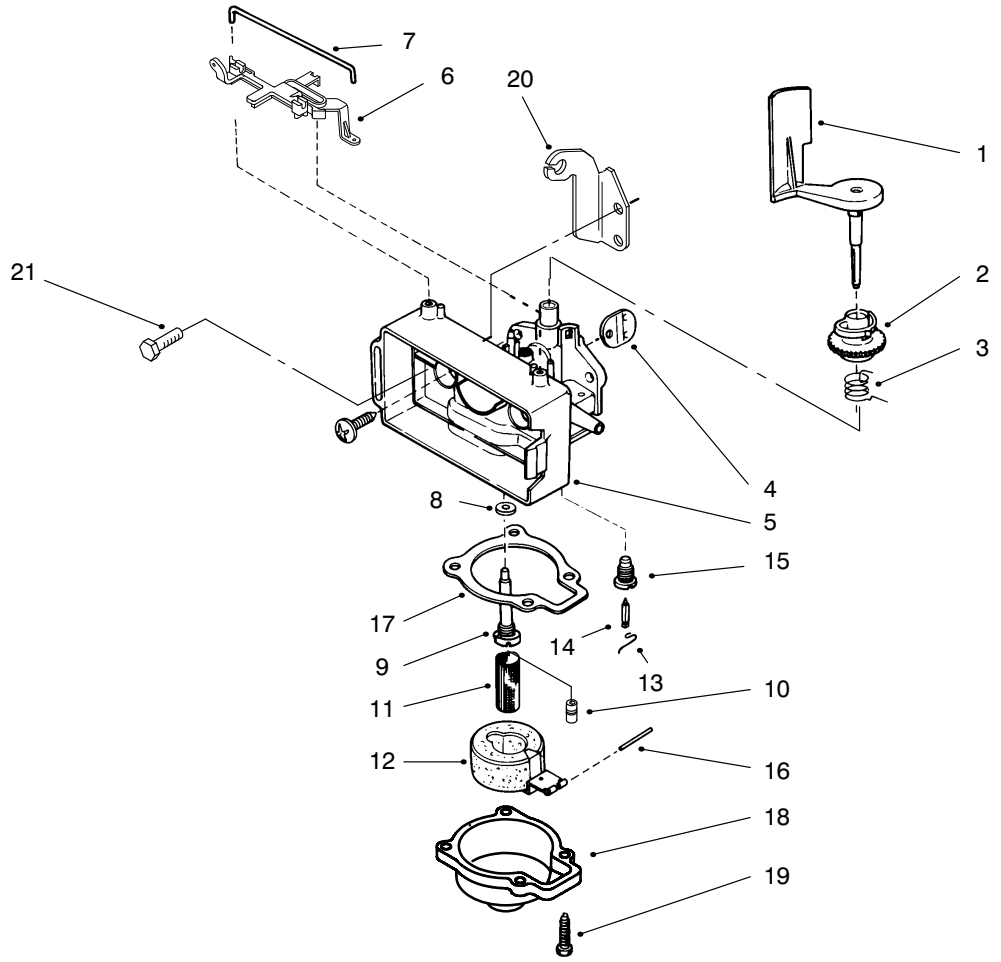


Sheet No.:104

Crankshaft Assembly

Ref. No.	Part No.	Qty.	Description
0	94–5737	1	ASM–Short Block V
1	677982	2	Split Liner
2	92–4925	1	ASM–Piston & Conn Rod
3	609754	1	Roller Strip
4	611393	2	Screw
5	611396	2	Oil Seal
6	614636	3	Screw–HWH
7	94–5713	1	Crankshaft
8	681830	1	Bearing (Upper)
9	681831	1	Bearing
12	252–76	1	Bearing–Thrust
13	252–80	1	Washer–Thrust

Ref. No.	Part No.	Qty.	Description

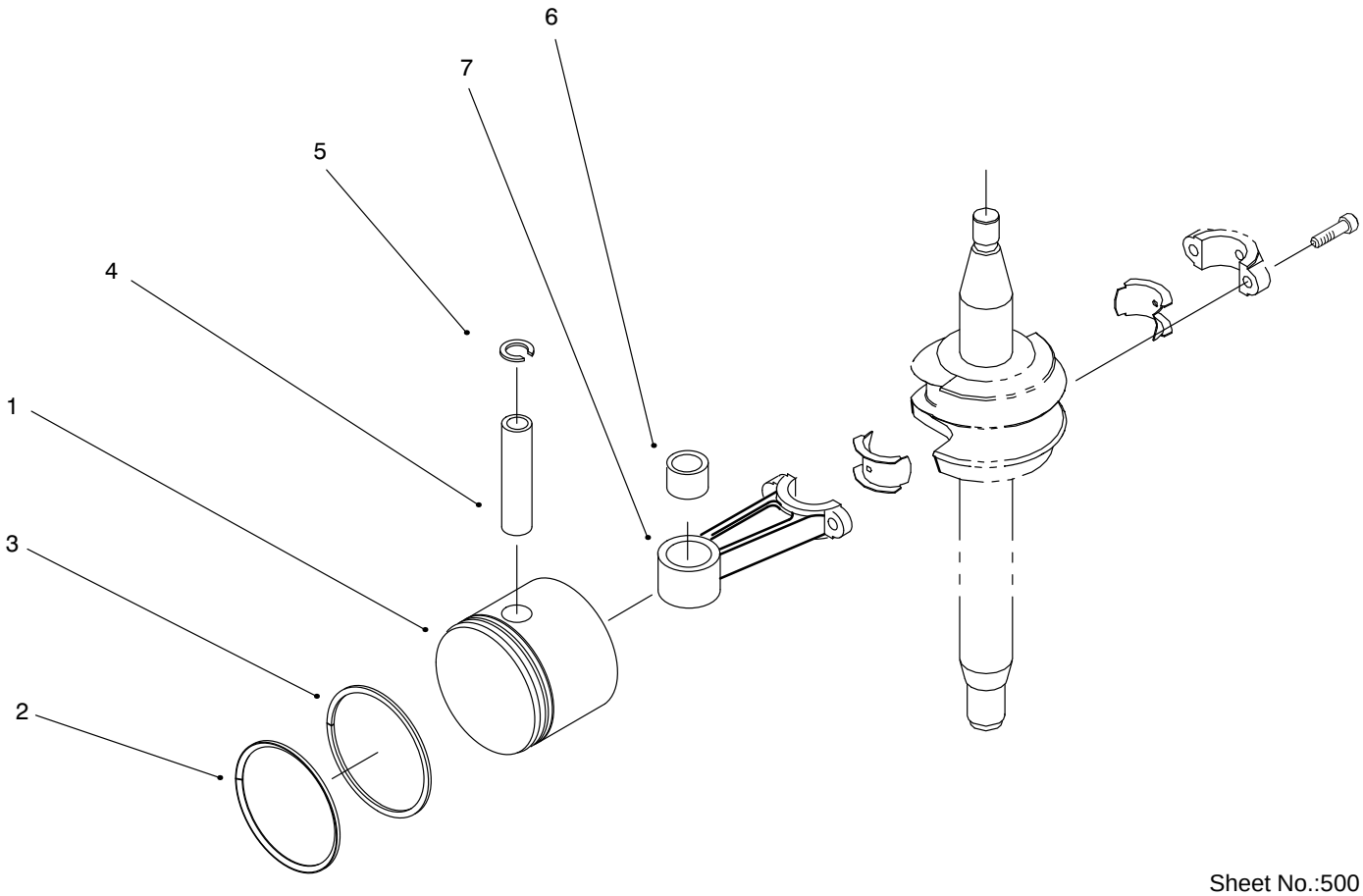


Sheet No.:300

Carburetor Assembly

Ref. No.	Part No.	Qty.	Description
1	92–6376	1	Air Vane & Shaft
2	610834	1	Collar Adjustment
3	92–4944	1	Spring Governor
4	92–6373	1	Disc Throttle
5	93–4324	1	Carburetor Body
6	93–1225	1	Lever–Speed Adjust
7	610165	1	Retainer
8	612383	1	Washer
9	92–6371	1	Nozzle
10	92–6370	1	Mainjet
11	611071	1	Filter–Fuel
12	678113	1	ASM–Float & Arm
13	603145	1	Clip
14	678278	1	ASM–Float
15	92–6372	1	ASM–Seat
16	92–6389	1	Pin
17	602850	1	Gasket–Float Chamber
18	92–9691	1	Float Chamber
19	608850	4	Screw
20	92–4949	1	Throttle Control Brkt
21	613269	2	Screw

Ref. No.	Part No.	Qty.	Description

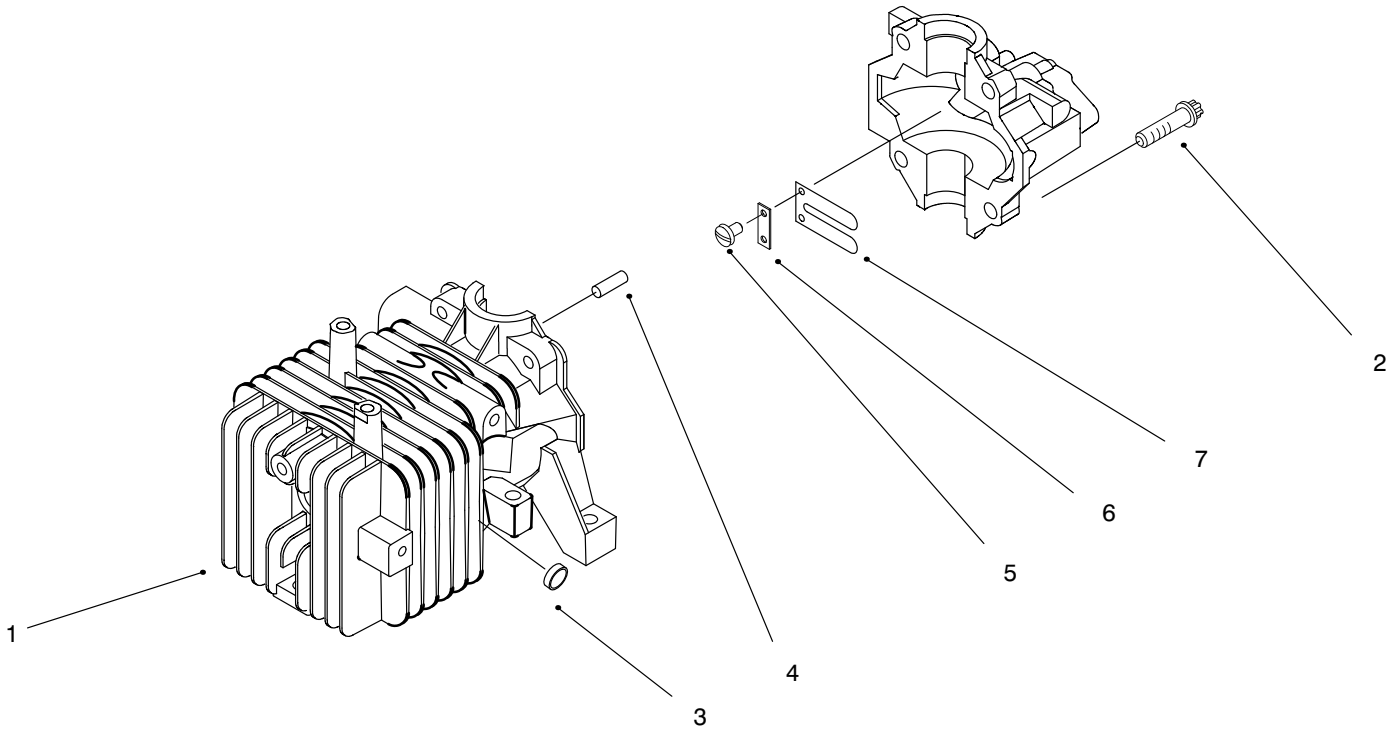


Sheet No.:500

Piston & Connecting Rod Assembly

Ref. No.	Part No.	Qty.	Description
1	92–4924	1	Piston
2	681737	1	Ring–Piston
3	678422	1	Ring–Piston
4	606608	1	Pin–Wrist
5	303712	2	Ring–Retaining
6	92–4927	1	Roller–Bearing
7	92–4921	1	ASM–Connecting Rod

Ref. No.	Part No.	Qty.	Description

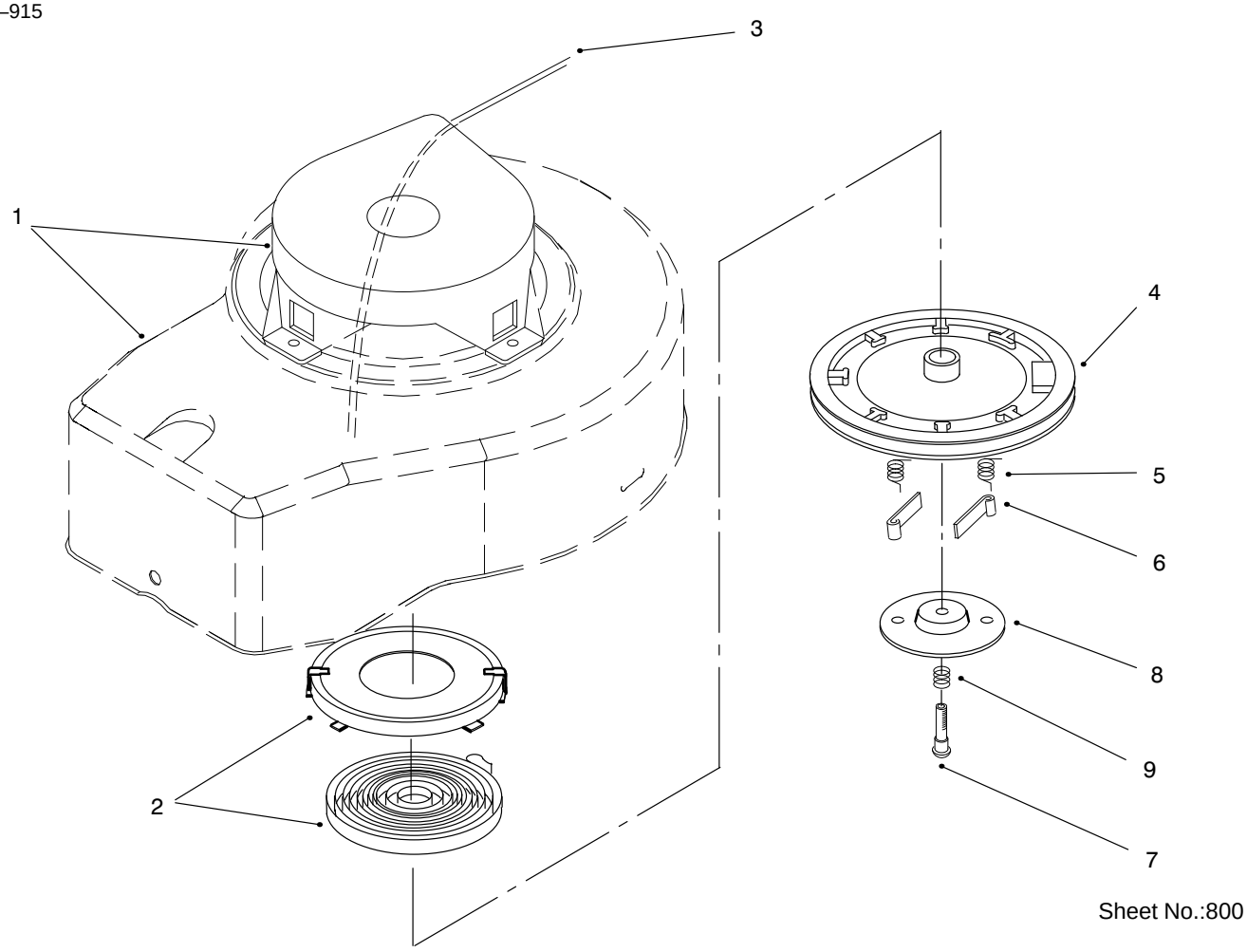


Sheet No.:600

Crankcase Assembly

Ref. No.	Part No.	Qty.	Description
1	93–4347	1	Cyl & Crankcase ASM
2	614636	1	Screw–HWH
3	609123	4	Plug–Core
4	609629	1	Dowel
5	612872	2	Screw–Slotted Head
6	602587	1	Reed–Backup Plate
7	602588	1	Reed–Carburetor

Ref. No.	Part No.	Qty.	Description



Sheet No.:800

Shroud & Recoil Assembly

Ref. No.	Part No.	Qty.	Description
*	93–1236	1	ASM–Recoil
1	92–4936	1	ASM–Housing
2	92–4935	1	ASM–Keeper
3	93–4305	1	88 5/8 Grey Rope
4	92–4929	1	ASM–Pulley
5	92–4930	2	Spring–Dog
6	92–4931	2	Dog
7	92–4934	1	Spring–Brake
8	92–9692	1	Retainer
9	92–4933	1	Screw–Center

Ref. No.	Part No.	Qty.	Description

Toro Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
130743	7	3	1	Nut
303712	11	5	2	Ring–Retaining
316959	7	4	1	Washer–Lock
602587	12	6	1	Reed–Backup Plate
602588	12	7	1	Reed–Carburetor
602850	10	17	1	Gasket–Float Chamber
603145	10	13	1	Clip
603164	4	18	1	Nut–Blade
605120	2	17:3	1	Grommet
606608	11	4	1	Pin–Wrist
607199	7	9	1	Key
607601	8	11	4	Screw
608850	10	19	4	Screw
609123	12	3	4	Plug–Core
609471	8	9	3	Screw
609482	7	17	2	Screw
609493	7	14	1	Element–Filter
609629	12	4	1	Dowel
609754	9	3	1	Roller Strip
610165	10	7	1	Retainer
610358	3	13	2	Nut–Lock
610383	7	18	1	Retainer–Filter
610834	10	2	1	Collar Adjustment
611071	10	11	1	Filter–Fuel
611393	9	4	2	Screw
611396	9	5	2	Oil Seal
612383	10	8	1	Washer
612543	4	16	1	Blade–21” Whirl
612782	4	22	1	Gas Line
612824	5	21	1	Clip–Rope
612825	5	14	1	Handle–Starter
612872	12	5	2	Screw–Slotted Head
613208	8	4	2	Screw–HWH
613227	4	15	1	Screw–Set
613269	7	22	4	Screw
613269	10	21	2	Screw
613765	2	17:4	1	Nut–Cage
614009	8	6	1	Plug–Spark
614243	5	3	2	Knob
614426	3	19	2	Washer–Stepped
614447	3	9	2	Spacer–Axle Shaft
614596	6	5	1	Gear–34t
614636	9	6	3	Screw–HWH
614636	12	2	1	Screw–HWH
614640	7	5	1	Hub–Starter
614643	5	19	1	Handle Section–Lower
614654	8	12	1	Plate–Muffler
614668	6	1	1	Cover–Gear Case
614669	6	17	2	Pulley–Half
614672	1	21	2	Bolt–Shoulder
614674	8	8	1	Cover–Muffler
614677	1	9	2	Screw–Sems
614687	1	22	2	Spring Arm–Front
614696	6	8	1	Shaft–Intermediate
614697	5	2	2	Screw–Handle
614699	7	16	3	Screw
614702	7	2	4	Screw
614702	8	2	1	Screw
677525	4	1	1	ASM–Plate & Collar
677982	9	1	2	Split Liner
678113	10	12	1	ASM–Float & Arm
678278	10	14	1	ASM–Float

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
678422	11	3	1	Ring–Piston
681737	11	2	1	Ring–Piston
681830	9	8	1	Bearing (Upper)
681831	9	9	1	Bearing
684049	8	5	1	Ignition ASM
684743	7	6	1	ASM–Flywheel
684776	1	19	2	ASM–Wheel & Tire 6”
12–5450	8	14	1	Screw–Thread Forming
36–4780	6	6	2	Washer–Thrust
36–4791	6	11	2	Washer–Thrust
38–7820	6	13	1	Bearing–Ball
40–1940	1	18	2	Washer
44–2750	4	20	1	Body–Primer
44–3174	7	19	1	Hose–Primer
46–6811	2	22	1	Screw–HWH
49–2040	2	7	2	Screw–HH
53–4690	8	13	1	Stop–Ground Strap
55–3760	6	10	1	15 T Pinion
60–8750	6	12	2	Bushing
60–8850	6	3	2	Bushing–Output
60–8890	6	15	1	Gear–Pinnion
60–9010	8	16	1	Strap–Ground
62–6660	6	18	1	Spacer–Pulley
65–2720	3	3	4	Ring–Retaining
65–4710	3	7	2	Ring–Friction
65–4720	3	17	2	Spring–Compression
65–4730	3	14	2	Washer–Thrust
65–4740	3	4	4	Washer–Thrust
65–4750	3	16	2	Gear–Pinion
65–4760	3	15	2	Washer
66–6040	3	6	1	Key–Rocking RH
66–6050	3	5	1	Key–Rocking LH
66–7460	4	19	1	Bulb–Primer
84–7820	8	3	1	Plate–Mount Brake
92–1001	5	9	1	Bail–Sp Control
92–1004	3	12	2	ASM–Spring Arm
92–1008	1	23	2	Knob–Height Adjust
92–1008	3	20	2	Knob–Height Adjust
92–1042	3	2	2	ASM–Whl
92–1057	3	1	2	Bolt–Shoulder
92–1099	1	20	2	Bolt–Shoulder
92–1156	8	15	1	Brake Switch Lead Wire
92–1701	4	9	1	Rope–Stop
92–2925	8	17	1	Strap–Insulation
92–4881	1	14	2	Plate–Height Adjust
92–4890	1	15	2	Washer
92–4921	11	7	1	ASM–Connecting Rod
92–4924	11	1	1	Piston
92–4925	9	2	1	ASM–Piston & Conn Rod
92–4927	11	6	1	Roller–Bearing
92–4929	13	4	1	ASM–Pulley
92–4930	13	5	2	Spring–Dog
92–4931	13	6	2	Dog
92–4933	13	9	1	Screw–Center
92–4934	13	7	1	Spring–Brake
92–4935	13	2	1	ASM–Keeper
92–4936	13	1	1	ASM–Housing
92–4944	10	3	1	Spring Governor
92–4948	7	11	2	Gasket–Carburetor
92–4949	10	20	1	Throttle Control Brkt
92–5412	5	8	2	Stop–Pivot
92–6370	10	10	1	Mainjet

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
92–6371	10	9	1	Nozzle
92–6372	10	15	1	ASM–Seat
92–6373	10	4	1	Disc Throttle
92–6376	10	1	1	Air Vane & Shaft
92–6380	4	5	1	ASM–Tank & Shroud
92–6389	10	16	1	Pin
92–6542	4	2	1	Pulley–Engine
92–7723	2	12	1	ASM–Handle Bracket
92–7724	2	3	1	ASM–Handle Bracket
92–7727	6	2	1	Gearcase–Upper Ss
92–7728	2	6	1	Guide–Transmission
92–7729	5	6	1	Anchor–Cable
92–7731	1	16	2	Plate–Baffle
92–7735	2	4	1	ASM–Gear Case
92–7735	6		1	Gear Case ASM Complete
92–7738	5	18	1	Cable–Flywheel Brake
92–7746	3	8	2	ASM–Hgt Adj Arm
92–8647	2	20	1	Shield–Trailing
92–9665	2	8	1	Screw–Phil
92–9691	10	18	1	Float Chamber
92–9692	13	8	1	Retainer
92–9698	8	19	1	Screw–Shoulder
93–0239	6	7	1	Shaft–Output
93–1216	7	8	1	Base–Shroud
93–1225	10	6	1	Lever–Speed Adjust
93–1231	7	15	1	Cover–Air Filter
93–1233	8	7	1	Gasket–Exhaust
93–1236	13	*	1	ASM–Recoil
93–3653	5	31	1	Handle–Guard
93–3660	4	7	1	ASM–Fuel/Oil Cap
93–4184	5	12	1	Bail–Flywheel Brake
93–4196	4	23	1	Shield–Grass
93–4302	4	8	3	Screw–Sems
93–4304	7	1	1	ASM–Shroud & Recoil
93–4305	13	3	1	88 5/8 Grey Rope
93–4306	4	13	1	Spring–Compression
93–4312	8	1	1	ASM–Brake Plate
93–4315	7	20	1	Shield–Carburetor(Int'l)
93–4316	7	21	2	Shield–Governor V(Int'l)
93–4320	7	7	1	Shield–Fuel
93–4324	10	5	1	Carburetor Body
93–4331	7	13	1	ASM–Carburetor
93–4343	8	10	1	Baffle
93–4347	12	1	1	Cyl & Crankcase ASM
93–6657	2	17:9	1	Decal–Danger
93–6667	1	3:1	1	Decal–Danger
93–6667	2	17:10	1	Decal–Danger
93–6670	2	17:2	2	Decal–HOC
93–6671	2	17:1	2	Decal–HOC
93–7152	4	24	1	Plate–Engine
93–7380	5	20	1	Anchor–Cable
93–7381	3	10	1	V–Belt
93–7383	5	16	1	Guide–Rope
94–1609	3	18	2	Cover–Wheel
94–1610	1	10	2	Grommet–Plastic
94–1697	1	3	1	Guard–Plate/Decal
94–5713	9	7	1	Crankshaft
94–5737	9	0	1	ASM–Short Block V
95–1713	5	13	1	Handle Section–Upper
95–1726	4	3	3	Screw–Engine Mount
95–5590	5	7	1	Cable–Traction
95–7052	2	14	1	Plate–Cover

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
95−7055	1	1	1	Decal−Deck
95−7058	4	11	1	Decal−Shroud
95−7068	2	9	1	Cover−Drive
95−7069	5	17	1	Cable−Throttle
95−7088	2	17	1	Housing & Baffle ASM
95−7403	1	17	2	Bracket−Wheel Height Adj
98−3248	5	43	1	Decal−Operation
252−76	9	12	1	Bearing−Thrust
252−80	9	13	1	Washer−Thrust
321−49	5	5	1	Screw−HH
321−50	5	15	1	Screw
322−3	2	21	6	Screw−HH
3256−1	5	25	1	Washer−Flat
3256−24	6	14	1	Washer−Flat
3285−19	6	4	2	Pin−Spirol
3290−378	5	36	3	Tie−Cable
3290−459	8	18	2	Rivet−Self Expand Plas
3296−5	6	16	1	Nut−Lock
3296−29	2	19	6	Nut−Lock
3296−73	5	4	2	Nut−Lock
32105−15	1	4		Screw−HH
32144−4	6	9	4	Screw−TAP
32144−85	3	11	2	Screw−HH

*Not Illustrated