ARIENS

Razor

Parts Manual

Models:

911173
911175
911177
911179



05088900 • 8/16
Printed in USA

THE MANUAL

Before you operate your unit, carefully and completely read manuals supplied with the unit. The contents will provide you with an understanding of safety instructions and controls during normal operation and maintenance.

For your safety and the safety of others always read, understand, and follow all DANGER, WARNING, and CAUTION messages found in manuals and on safety decals.

Hardware descriptions are given in decimals.

Decimals to Fractions			
.063	1/16	.563	9/16
.125	1/8	.625	5/8
.188	3/16	.688	11/16
.250	1/4	.750	3/4
.313	5/16	.813	13/16
.375	3/8	.875	7/8
.438	7/16	.938	15/16
.500	1/2	1.00	1

SERVICE AND REPLACEMENT PARTS

When ordering replacement parts or making service inquiries, know the Model and Serial numbers of your unit and engine.

Numbers are located on the product registration card in the unit literature package. They are printed on a serial number label, located on the frame of your unit.

• Record Unit Model and Serial numbers here:

• Record Engine Model and Serial numbers here:

UNAUTHORIZED REPLACEMENT PARTS

Use only Ariens replacement parts. The replacement of any part on this vehicle with anything other than an Ariens authorized replacement part may adversely affect the performance, durability, or safety of this unit and may void the warranty. Ariens disclaims liability for any claims or damages, whether warranty, property damage, personal injury or death arising out of the use of unauthorized replacement parts.

PRODUCT REGISTRATION

The Ariens dealer must register the product at the time of purchase. Registering the product will help the company process warranty claims or contact you with the latest service information. All claims meeting requirements during the limited warranty period will be honored, whether or not the product registration card is returned. Keep a proof of purchase if you do not register your unit.

Customer Note: If Dealer does not register your product, please fill out, sign and return the product registration card to Ariens or go to www.ariens.com.

YOUR SATISFACTION IS IMPORTANT

Questions? Please follow these helpful steps:

1. Refer to the manuals supplied with your unit.

   They will guide you through safe and proper operation and maintenance.

   They contain specifications on your unit.

   If your questions are not answered in these manuals, go to step number two.

2. Contact Your Dealer.

   Our dealers will be happy to supply any service or advice required to keep your unit operating at peak efficiency.

   A factory trained staff is available to support your equipment needs. They stock genuine Ariens parts and lubricants manufactured with the same precision and skill as the original.

   If your questions are not resolved by the support staff, ask for the manager or owner.

   When contacting your Dealer supply your model and serial numbers.

TO SPEED PARTS ORDERING:

1. Know the model and serial numbers of your unit.
2. Know the part number required.
3. Know the quantity required.
4. Know the part description.

Models

Model 911173 (Razor LMP)
4 Cycle, Ariens, 6hp
Recoil, Push
Serial No. 055000 +

Model 911175 (Razor LMSP)
4 Cycle, Ariens, 6hp
Recoil, Self Propelled
Serial No. 055000 +

Model 911177 (Razor LMSP BBC)
4 Cycle, Ariens, 6hp
Recoil, Self Propelled, BBC
Serial No. 055000 +

Model 911179 (Razor LMSPE)
4 Cycle, Ariens, 6hp
Electric/Recoil, Self Propelled
Serial No. 055000 +

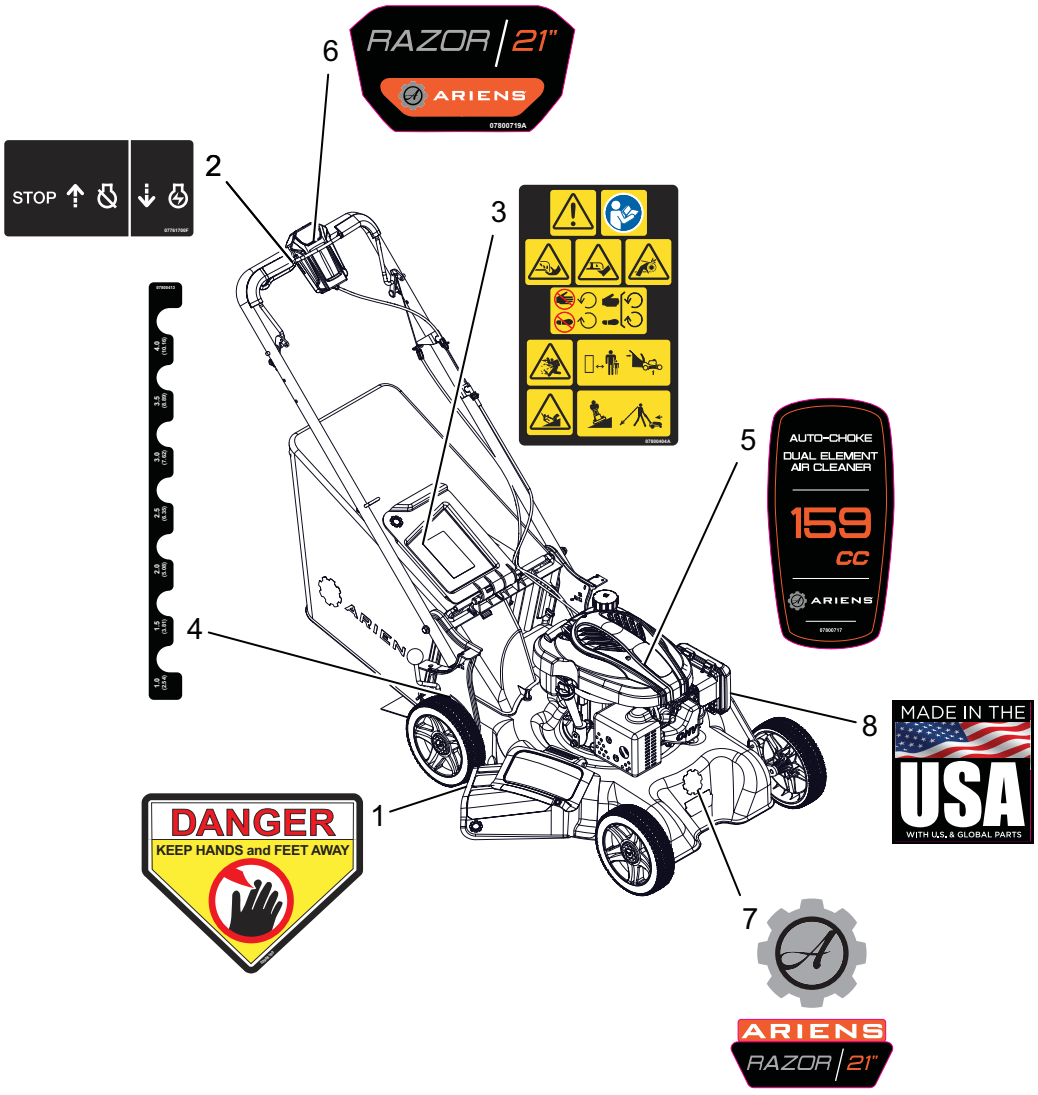
Table of Contents

Decals 4
Handlebar and Controls 7
Mower Deck and Bagger 10
Wheels 11
Transmission and Height of Cut 13
Axles and Height of Cut 14
Engine and Blade 15
Engine Kit Components 19
Electrical Components 22

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DECALS

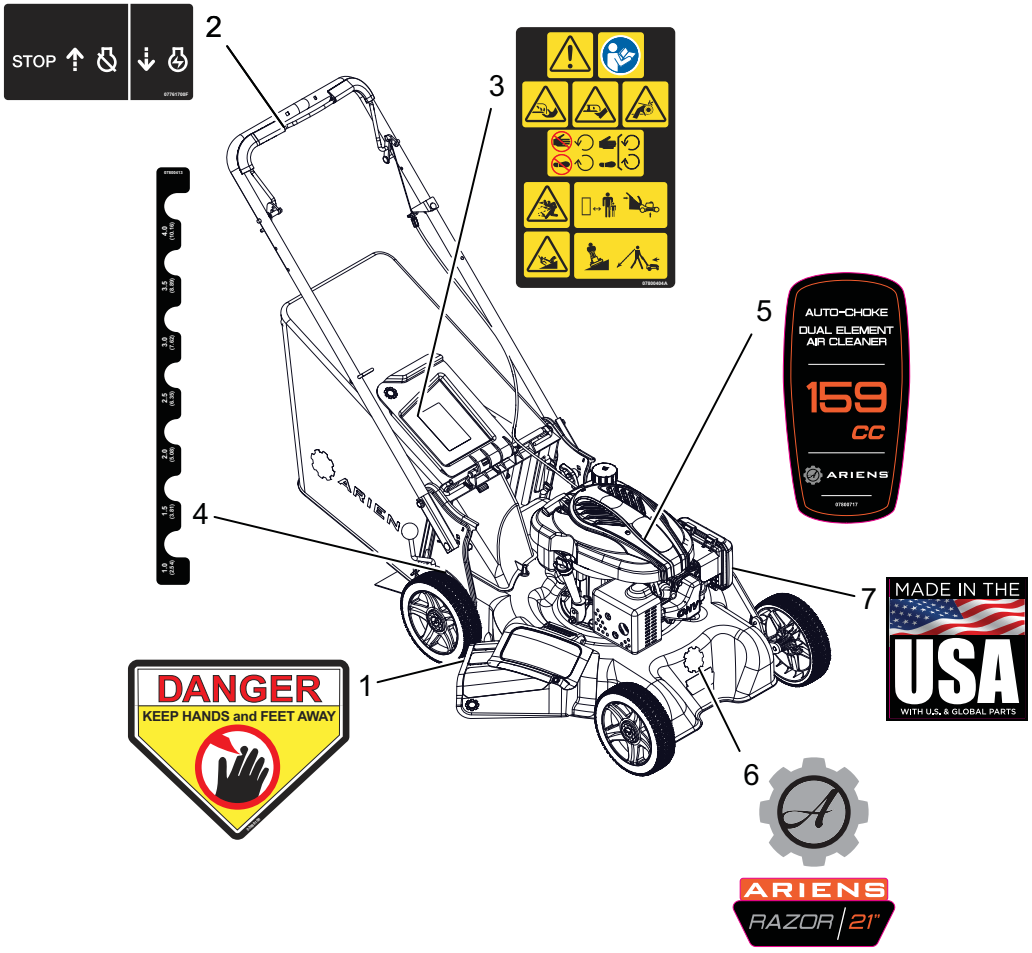
Model 911175, 179



BOM ID	Number	Qty	Description
1	02988100	1	DECAL, DANGER
2	07761700	1	DECAL, ENGINE CONTROL
3	07800404	1	DECAL, MAIN SAFETY WAW LM
4	07800413	1	DECAL, HOC
5	07800717	1	DECAL, ENGINE STYLE-RAZOR
6	07800719	1	DECAL, CONTROL -RAZOR
7	07800720	1	DECAL, ARIENS RAZOR 21"
8	08001038	1	DECAL, MADE IN USA

DECALS

Model 911173



BOM ID	Number	Qty	Description
1	02988100	1	DECAL, DANGER
2	07761700	1	DECAL, ENGINE CONTROL
3	07800404	1	DECAL, MAIN SAFETY WAW LM
4	07800413	1	DECAL, HOC
5	07800717	1	DECAL, ENGINE STYLE-RAZOR
6	07800720	1	DECAL, ARIENS RAZOR 21"
7	08001038	1	DECAL, MADE IN USA

DECALS

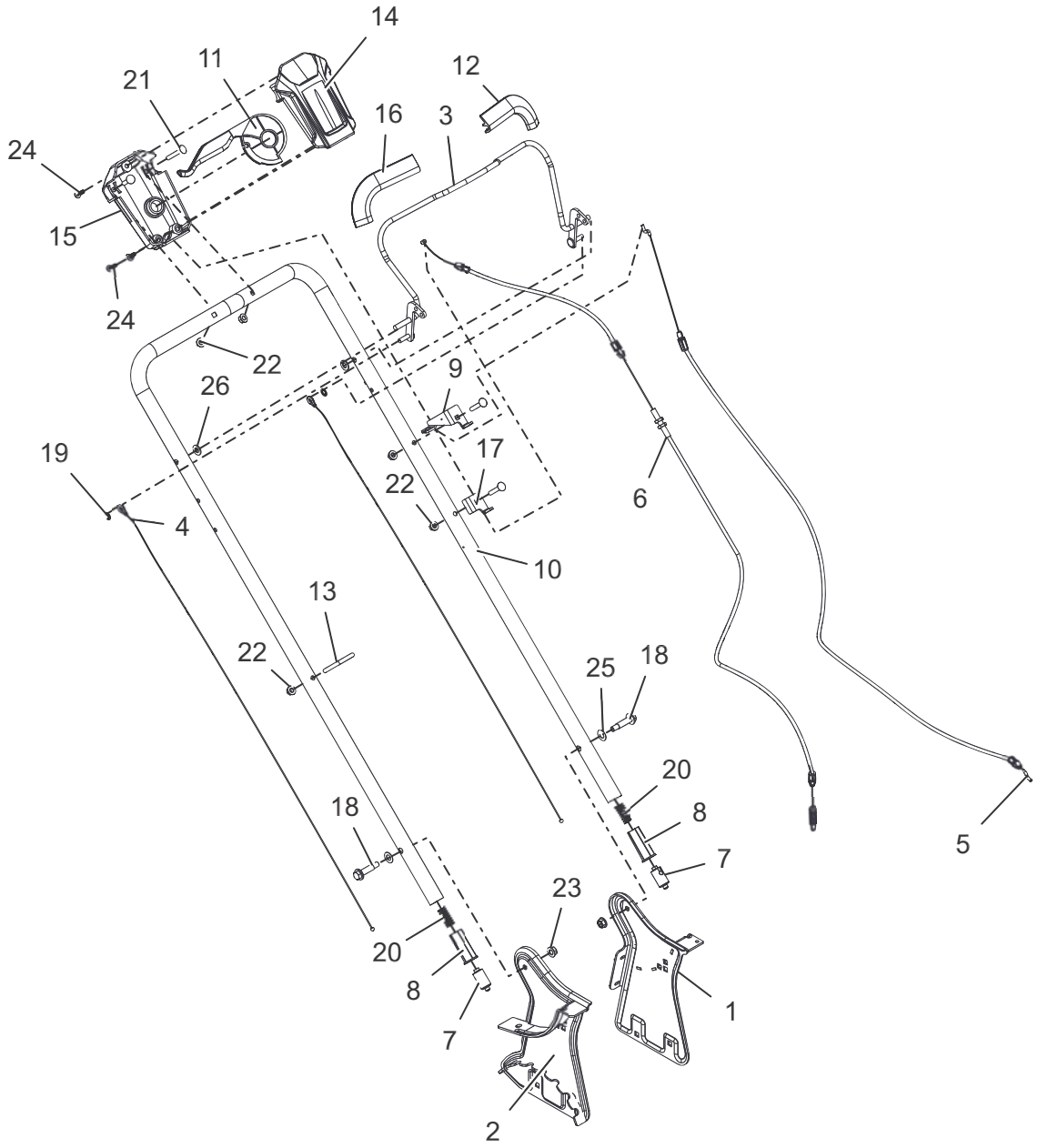
Model 911177



BOM ID	Number	Qty	Description
1	02988100	1	DECAL, DANGER
2	07800404	1	DECAL, MAIN SAFETY WAW LM
3	07800413	1	DECAL, HOC
4	07800717	1	DECAL, ENGINE STYLE-RAZOR
5	07800719	1	DECAL, CONTROL -RAZOR
6	07800720	1	DECAL, ARIENS RAZOR 21"
7	08001038	1	DECAL, MADE IN USA

HANDLEBAR AND CONTROLS

Model 911175, 179

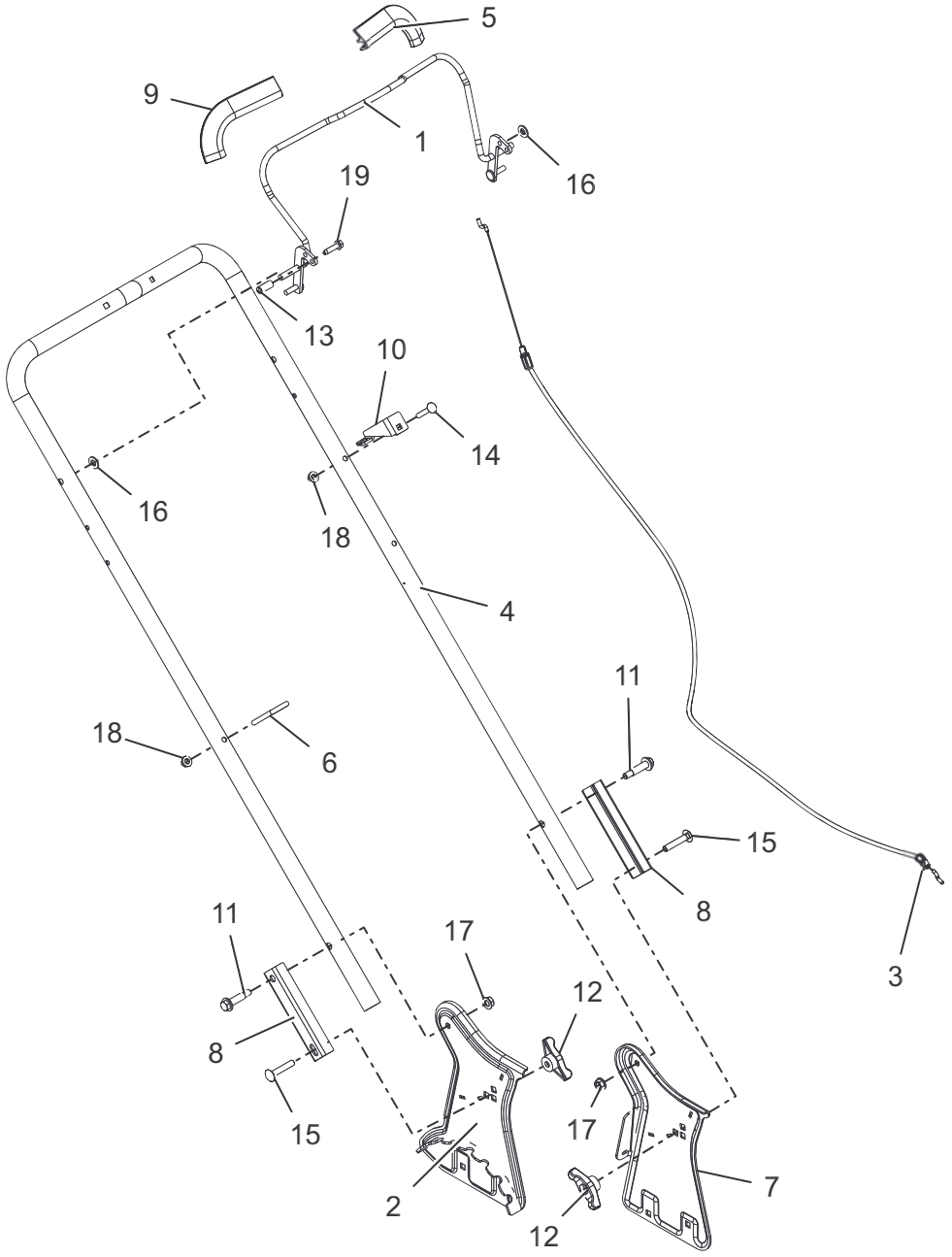


BOM ID	Number	Qty	Description
1	04516451	1	WLDMT, LH SIDE PLATE
2	04516351	1	WLDMT, RH SIDE PLATE
3	04535559	1	BAIL, OPC
4	06900528	2	CABLE, LM HANDLE ADJUST
5	06900622	1	CABLE, OPC RAZOR LM
6	06900535	1	CABLE, DRIVE CONTROL
7	04521400	2	PIN, LM HANDLEBAR LOCKING
8	04528600	2	HANDLEBAR ADJUSTMENT INSERT
9	04533651	1	BRKT, CABLE ANCHOR
10	04535351	1	HANDLEBAR,
11	04535400	1	HANDLE, DRIVE CONTROL
12	04535600	1	GUARD, FINGER - LH
13	04535767	1	GUIDE, RECOIL ROPE
14	04549000	1	HOUSING, UPPER DRIVE CONTROL

BOM ID	Number	Qty	Description
15	04549100	1	HOUSING, LOWER DRIVE CONTROL
16	51117000	1	GUARD, FINGER - RH
17	04575351	1	BRKT, CABLE - DRIVE
18	07001709	2	BLT, SHLDR .50X1.30X.38-16 GR5
19	05717600	2	RG-RTNG-EXT .250 X .010
20	08300028	2	SPRG, COMPRESSION
21	06222300	4	BLT-RDHDSQNK .25-20X1.50 G5 Y
22	06543500	5	NUT, LK-TOP-FLG .25-20 YWZC
23	06543100	2	NUT, LK-TOP-FLG .312-18 YWZC
24	07400101	3	SCR-TAP #12-14X.75 PLASTITE BLZC
25	06400840	2	WSHR-FL-STL .385x.745x.030 YWZC
26	06437200	2	WSHR-FL-STL.344X.688X.065YWZC

HANDLEBAR AND CONTROLS

Model 911173

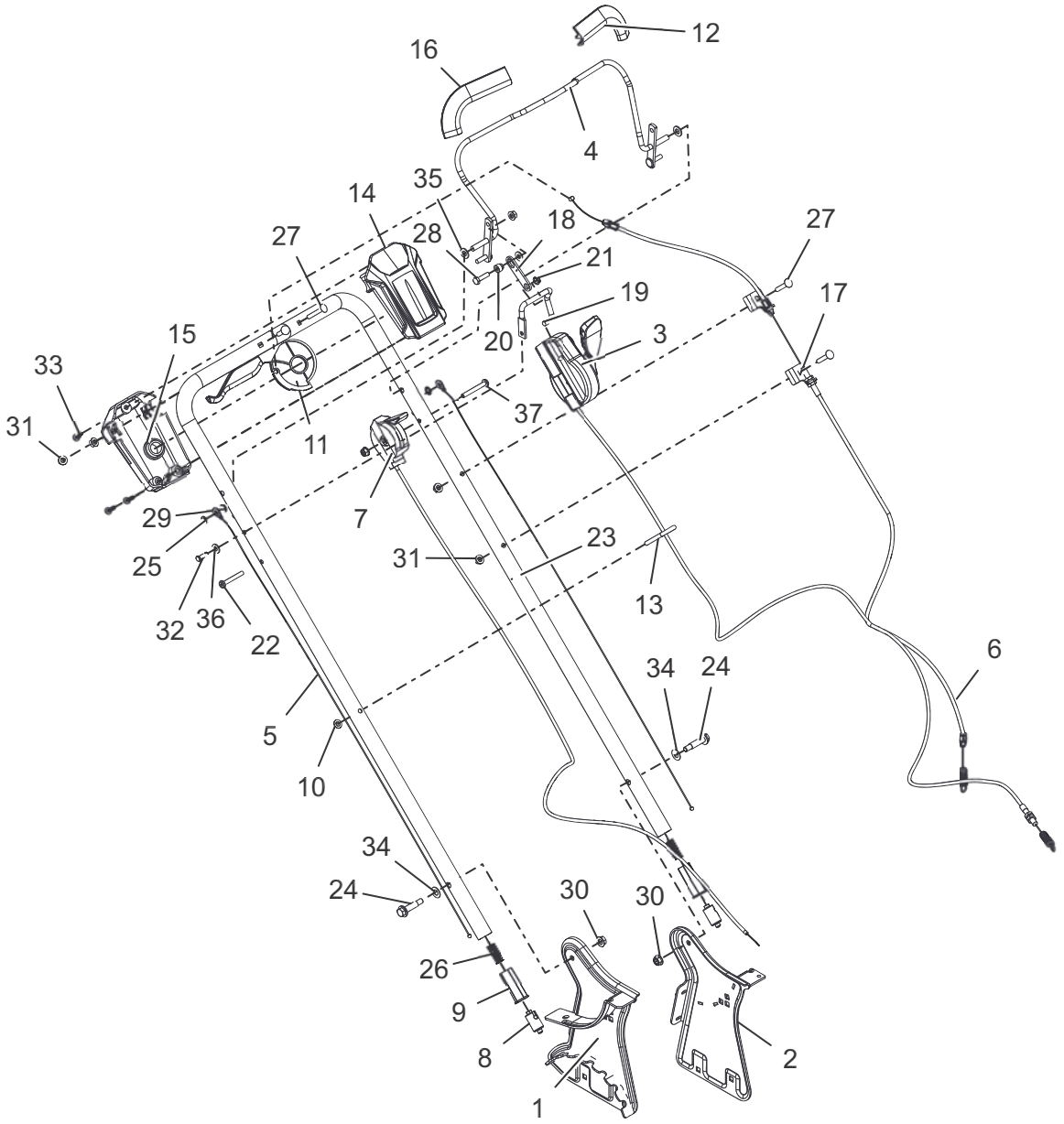


BOM ID	Number	Qty	Description
1	04535559	1	BAIL, OPC
2	04542851	1	WLDMT, RH SIDE PLATE-ARIENS
3	06900622	1	CABLE, OPC RAZOR LM
4	04535351	1	HANDLEBAR,
5	04535600	1	GUARD, FINGER - LH
6	04535767	1	GUIDE, RECOIL ROPE
7	04542751	1	SUPPORT, LH HANDLEBAR
8	04545551	2	BRKT, HANDLEBAR FIXED ADJUST
9	51117000	1	GUARD, FINGER - RH
10	04562951	1	BRKT, CABLE ANCHOR - LM PUSH

BOM ID	Number	Qty	Description
11	07001709	2	BLT, SHLDR .50X1.30X.38-16 GR5
12	07500105	2	KNOB, WING .31-18 UNC NYL/TALC
13	07517000	1	CAP, VINYL
14	06222300	1	BLT-RDHDSQNK .25-20X1.50 G5 Y
15	06220200	2	BLT-RDHDSQNK .31-18X1.75 G5 YWZC
16	06437200	2	WSHR-FL-STL.344X.688X.065YWZC
17	06543100	2	NUT, LK-TOP-FLG .312-18 YWZC
18	06543500	2	NUT, LK-TOP-FLG .25-20 YWZC
19	07412400	1	SCR-TAP .25-20X1.00 HWH TR YZ

HANDLEBAR AND CONTROLS

Model 911177

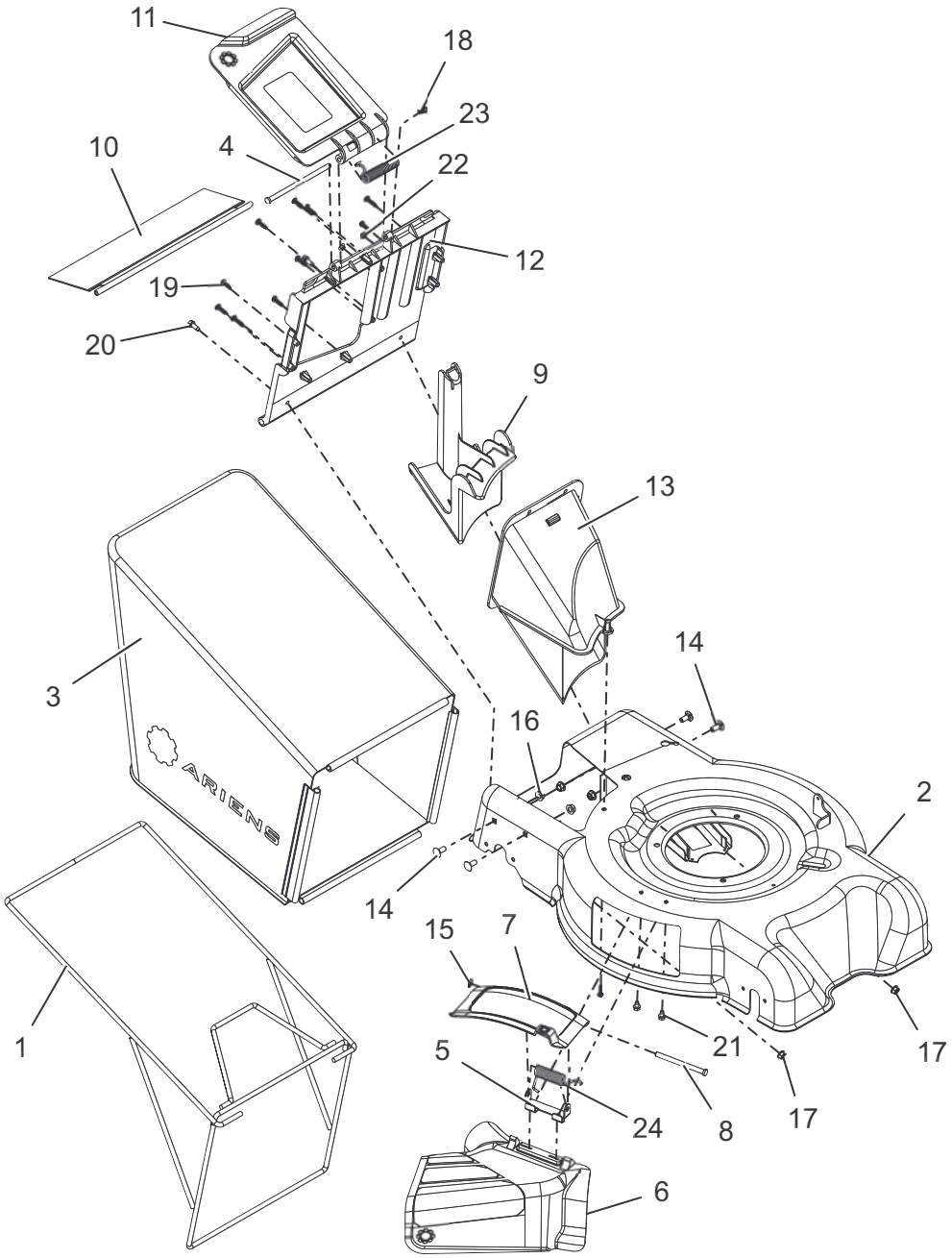


BOM ID	Number	Qty	Description
1	04516351	1	WLDMT, RH SIDE PLATE
2	04516451	1	WLDMT, LH SIDE PLATE
3	04668900	1	ASM, BBC CONTROL
4	04716159	1	WLDMT, OPC BAIL, BBC
5	06900528	2	CABLE, LM HANDLE ADJUST
6	06900535	1	CABLE, DRIVE CONTROL
7	06900538	1	CONTROL, THROTTLE
8	04521400	2	PIN, LM HANDLEBAR LOCKING
9	04528600	2	HANDLEBAR ADJUSTMENT INSERT
10	06500012	1	NUT-LK-NYL-FLG .25-20 YWZC
11	04535400	1	HANDLE, DRIVE CONTROL
12	04535600	1	GUARD, FINGER - LH
13	04535767	1	GUIDE, RECOIL ROPE
14	04549000	1	HOUSING, UPPER DRIVE CONTROL
15	04549100	1	HOUSING, LOWER DRIVE CONTROL
16	04551100	1	GUARD, FINGER - RH
17	04575351	2	BRKT, CABLE - DRIVE
18	04716251	1	COUPLER, LINK
19	04716351	1	WIREFORM, BBC CONTROL

BOM ID	Number	Qty	Description
20	05501132	1	BSHG, BBC LATCH
21	05501208	1	BUSHING, NYLON .31, SPLIT
22	06100219	1	SCR, MACHINE M6-1X45 PANHD
23	04735051	1	HANDLEBAR, LM
24	07001709	2	BLT, SHLDR .50X1.30X.38-16 GR5
25	07027600	1	NUT, PUSH .25X.50 O.D.
26	08300028	2	SPRG, COMPRESSION
27	06222300	4	BLT-RDHDSQNK .25-20X1.50 G5 Y
28	05947700	1	BLT-HEX .25-20X1.00 GR5 YWZC
29	05717600	2	RG-RTNG-EXT .250 X .010
30	06543100	2	NUT, LK-TOP-FLG .312-18 YWZC
31	06543500	6	NUT, LK-TOP-FLG .25-20 YWZC
32	06800122	1	PIN, CVS .250X.750X.609 YWZC
33	07400101	3	SCR-TAP #12-14X.75 PLASTITE BLZC
34	06400840	2	WSHR-FL-STL .385x.745x.030 YWZC
35	06437200	2	WSHR-FL-STL.344X.688X.065YWZC
36	06437300	2	WSHR-FL-STL.281X.62X.065 YWZC
37	06100221	1	SCREW, MACHINE .25-20X2.00 PH PAN

MOWER DECK AND BAGGER

Model All

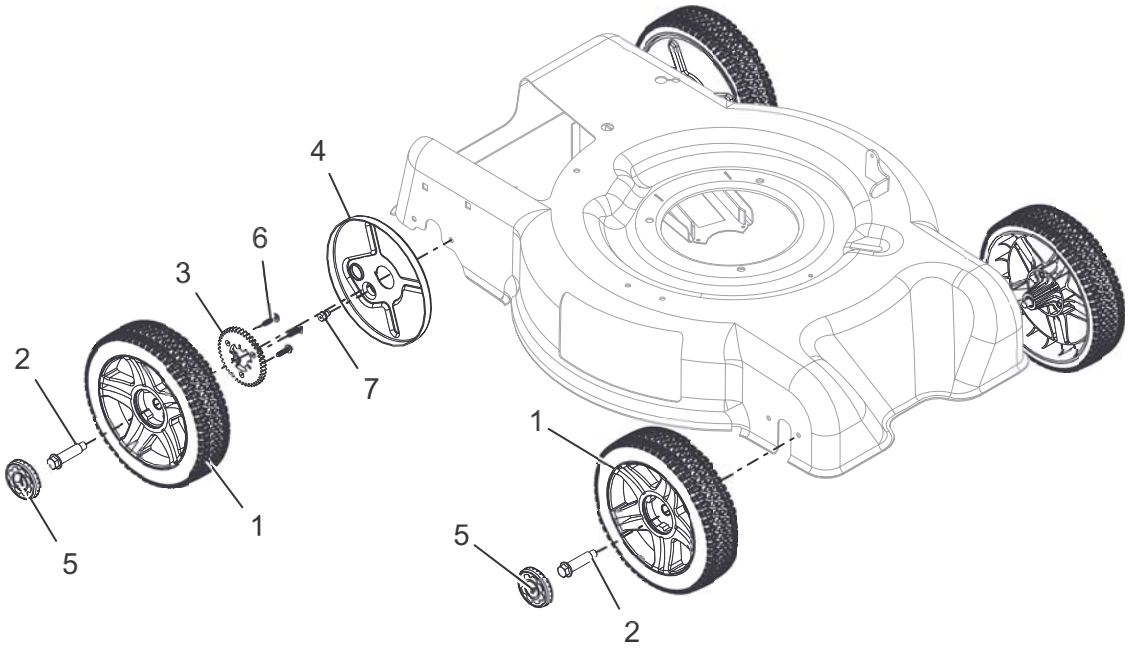


BOM ID	Number	Qty	Description
1	04718959	1	FRAME, BAGGER (ORANGE)
2	51121300	1	DECK, RAZOR W/ SAFETY DECALS
3	05088500	1	BAGGER, GRASS -ARIENS
4	00475800	1	PIN, 5/16 X 5.50
5	04514651	1	BRKT, HINGE LM
6	04514800	1	CHUTE, SIDE DISCHARGE - LM
7	04514900	1	COVER, SIDE DISCHARGE - LM
8	04534000	1	PIN, SIDE DISCHARGE
9	04534300	1	PLUG, MULCH
10	04835600	1	GUARD, REAR DECK
11	51116800	1	DOOR, REAR
12	04835700	1	HANGER, BAG
13	04547900	1	CHUTE, REAR DISCHARGE

BOM ID	Number	Qty	Description
14	06215700	4	BLT-RDHDSQNK .31-18X.75 G5 YWZC
15	06514900	1	NUT, PUSH .312
16	06543100	4	NUT, LK-TOP-FLG .312-18 YWZC
17	06543500	2	NUT, LK-TOP-FLG .25-20 YWZC
18	06713500	1	PIN, HAIR INT .08X.18X1.18 YWZC
19	07400101	11	SCR-TAP #12-14X.75 PLASTITE BLZC
20	07400103	2	SCR-TAP .25-20X.62 HWH TR YWZ
21	07411600	2	SCR-TAP .25-20X.37 HWH YWZ TR
22	07500301	2	PLUG, 5/16 HOLE, .125 MATL PLASTIC
23	08322400	1	SPRG, TORSION
24	08300614	1	SPRG, TORSION

WHEELS

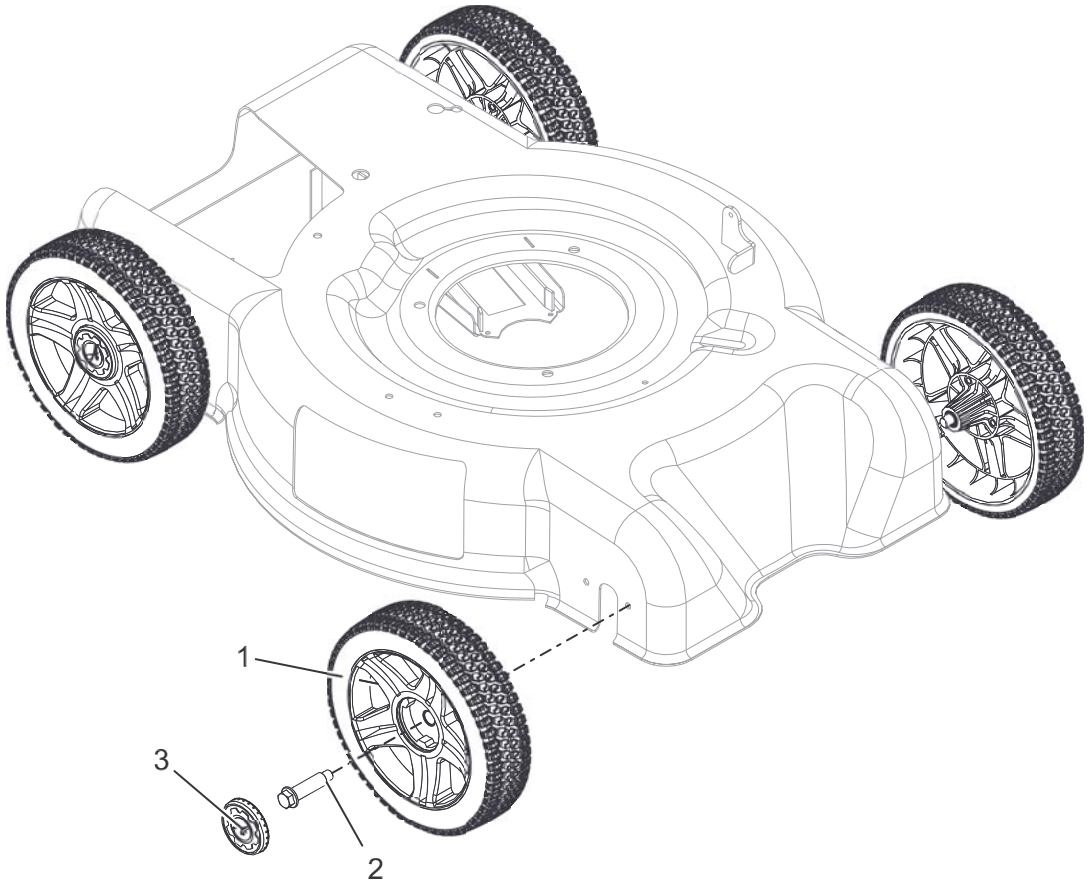
Model 911175, 177, 179



BOM ID	Number	Qty	Description
1	51120400	4	WHEEL, LM - ARIENS
2	01265100	4	BOLT, SHLDR
3	01291000	2	GEAR, WHEEL
4	04534100	2	COVER, WHEEL
5	07101006	4	CAP, LM WHEEL HUB
6	07400101	6	SCR-TAP #12-14X.75 PLASTITE BLZC
7	07411600	2	SCR-TAP .25-20X.37 HWH YWZ TR

WHEELS

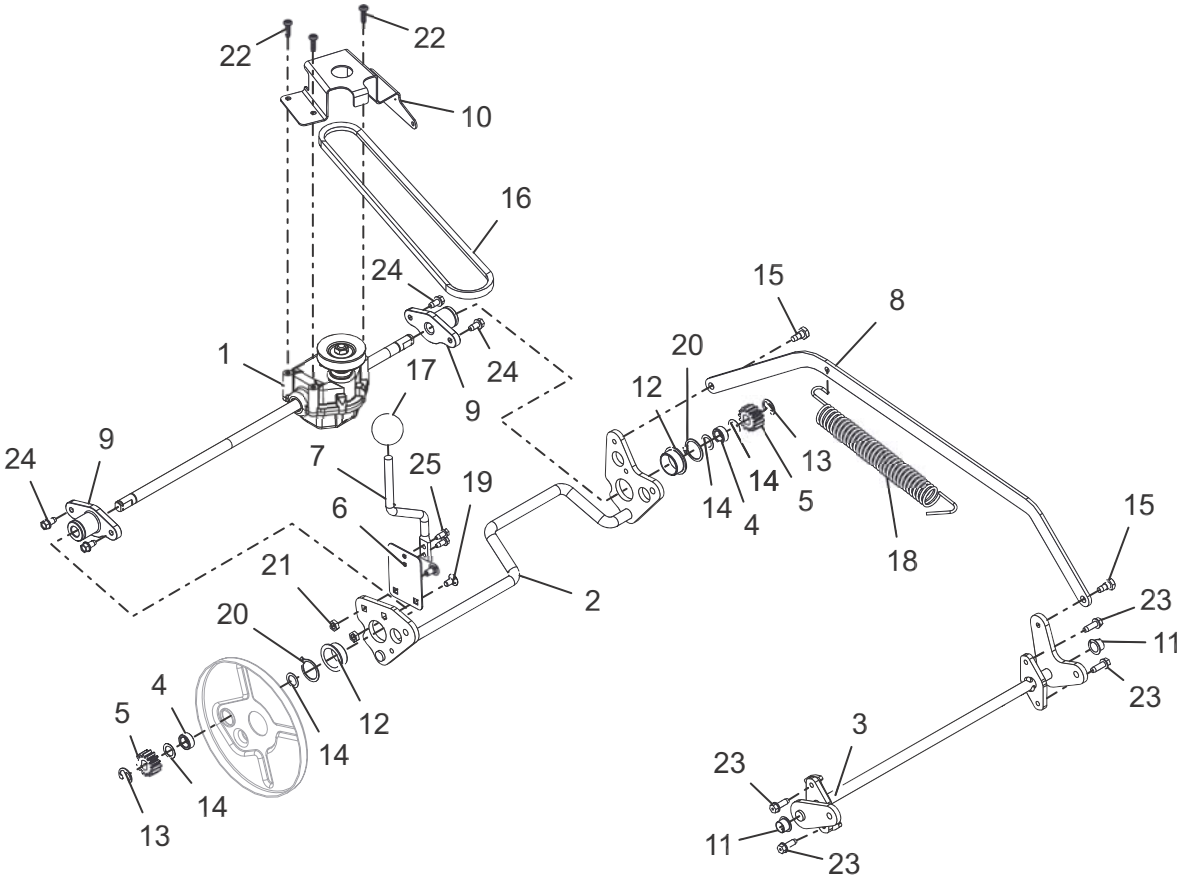
Model 911173



BOM ID	Number	Qty	Description
1	51120400	4	WHEEL, LM - ARIENS
2	01265100	4	BOLT, SHLDR
3	07101006	4	CAP, LM WHEEL HUB

Transmission and Height of Cut

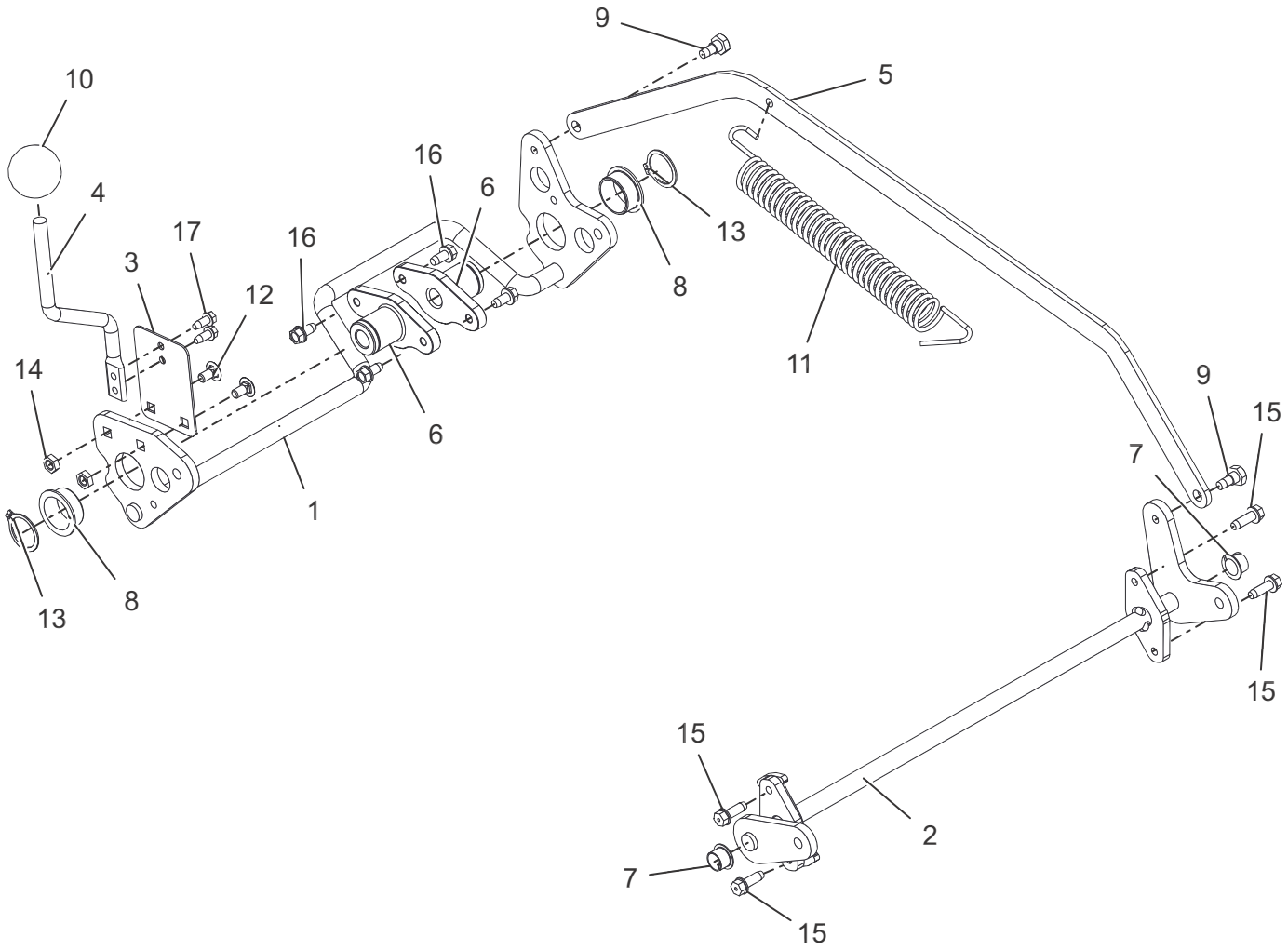
Model 911175, 177, 179



BOM ID	Number	Qty	Description
1	04509200	1	TRANSAXLE, AUTOMATIC, LM, 9:1
2	04742367	1	WLDMT, REAR AXLE (BLACK)
3	04516067	1	WLDMT, LM FRONT AXLE
4	00211100	2	SPCR, PM .500ID X .75OD X .321
5	04507500	2	GEAR, PINION , LM WHEEL DRIVE
6	04513751	1	PLATE, HOC SPRING
7	04516167	1	LEVER, HOC ADJUST
8	04852859	1	LINKAGE, HOC CONNECT (ORANGE)
9	04516900	2	HUB, LM REAR AXLE
10	04732651	1	BRKT, TRANS BELT GUIDE
11	05500026	2	BUSHING, POLYLINER - .50 SPLIT
12	05501124	2	BSHG, FLANGE 1.0x1.125x.50x1.375
13	05710200	2	RG-RTNG-EXT .500X.042 (E)
14	06400015	4	WASHER-FLAT-STL, .500 X .750 X .020
15	07001708	2	BOLT, SHLDR .320X.210X.25-20 SELF-TAPPING
16	07200633	1	BELT,
17	07533500	1	KNOB, BALL - BLACK 1.47" .375-16
18	08300625	1	SPRG, EXTENSION .121X1.00X6.5 WLD
19	06220600	2	BLT-RDHDSQNK .25-20X.50 G5 Y
20	05706200	2	RG-RTNG-EXT 1.00X.042
21	06500635	2	NUT-LK-CTR-JAM .25-20 YWZC
22	07400112	3	SCR-TAP #10-14X.75 PLASTITE BLZC
23	07400111	4	SCR-TAP .25-20X.75 HWH TR YWZ
24	07400034	4	SCR-TAP .25-20X.50 HWH TR YWZ
25	07411900	2	SCR-TAP 12-24X.50 HWH TR YWZC

Axles and Height of Cut

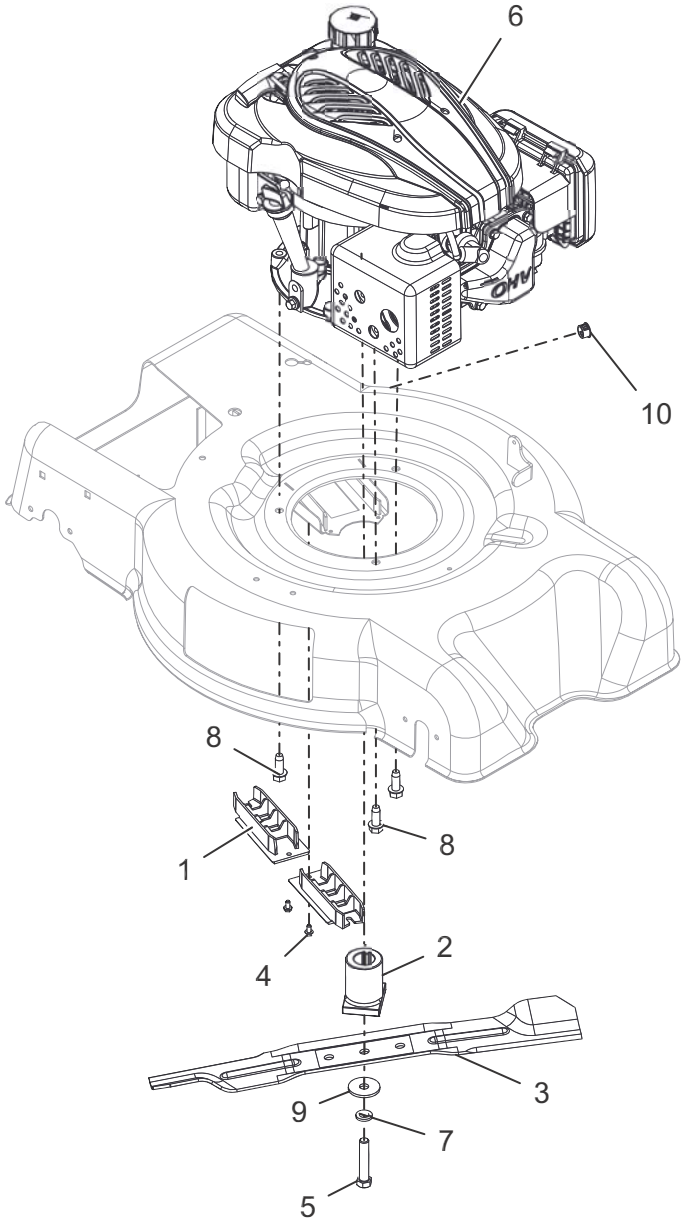
Model 911173



BOM ID	Number	Qty	Description
1	04742367	1	WLDMT, REAR AXLE (BLACK)
2	04516067	1	WLDMT, LM FRONT AXLE
3	04513751	1	PLATE, HOC SPRING
4	04516167	1	LEVER, HOC ADJUST
5	04852859	1	LINKAGE, HOC CONNECT (ORANGE)
6	04516900	2	HUB, LM REAR AXLE
7	05500026	2	BUSHING, POLYLINER - .50 SPLIT
8	05501124	2	BSHG, FLANGE 1.0x1.125x.50x1.375
9	07001708	2	BOLT, SHLDR .320X.210X.25-20 SELF-TAPPING
10	07533500	1	KNOB, BALL - BLACK 1.47" .375-16
11	08300625	1	SPRG, EXTENSION .121X1.00X6.5 WLD
12	06220600	2	BLT-RDHDSQNK .25-20X.50 G5 Y
13	05706200	2	RG-RTNG-EXT 1.00X.042
14	06500635	2	NUT-LK-CTR-JAM .25-20 YWZC
15	07400111	4	SCR-TAP .25-20X.75 HWH TR YWZ
16	07400034	4	SCR-TAP .25-20X.50 HWH TR YWZ
17	07411900	2	SCR-TAP 12-24X.50 HWH TR YWZC

ENGINE AND BLADE

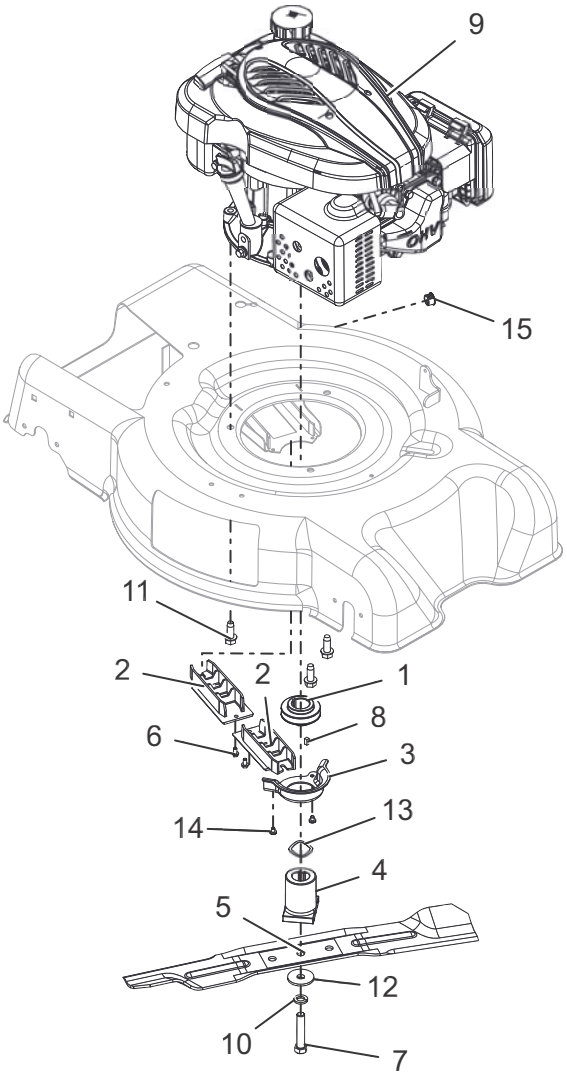
Model 911173



BOM ID	Number	Qty	Description
1	04733800	2	GUIDE, BELT INNER
2	04539400	1	ADAPTOR, BLADE
3	04544400	1	BLADE, MOWER 21" HIGH-LIFT
4	07400033	2	SCR, TAP 10-24X.375 PRE-COAT 80
5	05901515	1	BLT-HEX .44-20X2.25 GR8 YWZC
6	08200829	1	ENGINE, 159CC VERT
7	06309300	1	WSHR-LK .44X.109 REG YWZC
8	07414100	3	SCR-TAP .38-16X1.00 HWH TR YZ
9	06400925	1	WSHR-FL-STL .4375X1.50X.125 YWZC
10	07500339	1	PLUG, DOME-BLACK, .625 DIA

Engine and Blade

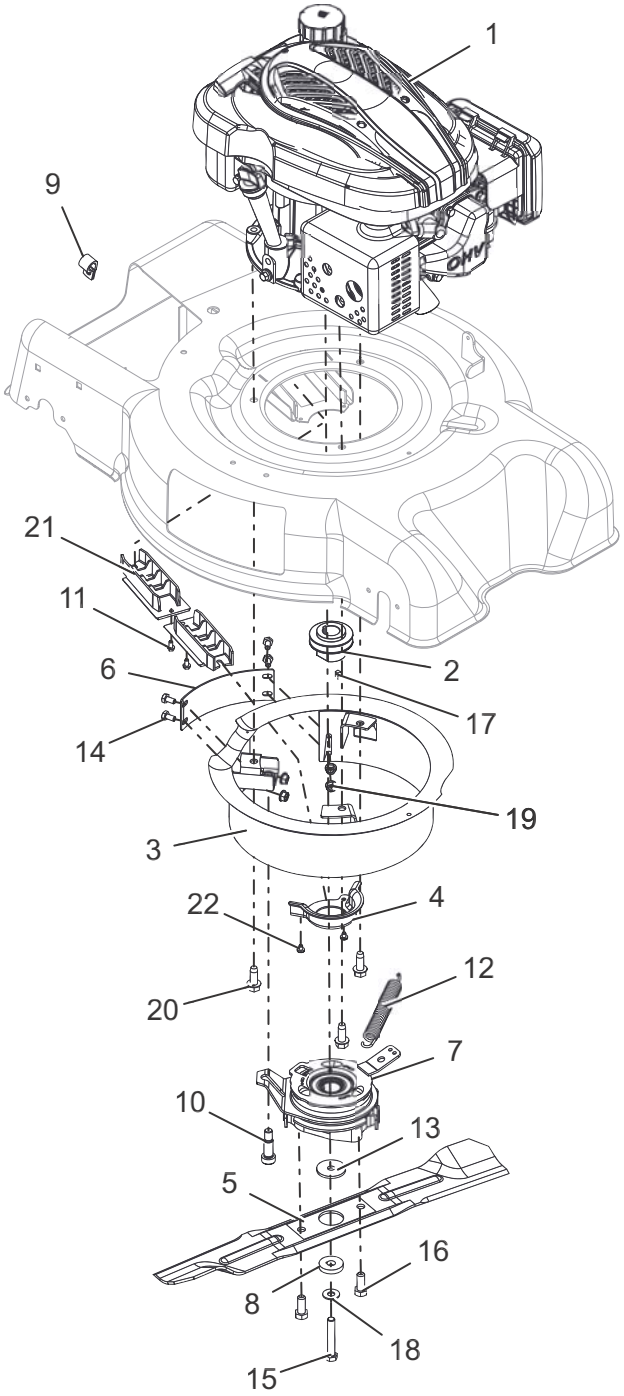
Model 911175



BOM ID	Number	Qty	Description
1	07343700	1	PULLEY, GROUND DRIVE, LM
2	04733800	2	GUIDE, BELT INNER
3	04533851	1	GUIDE, BELT CRANKSHAFT
4	04539400	1	ADAPTOR, BLADE
5	04544400	1	BLADE, MOWER 21" HIGH-LIFT
6	07400033	2	SCR, TAP 10-24X.375 PRE-COAT 80
7	05901515	1	BLT-HEX .44-20X2.25 GR8 YWZC
8	06600215	1	KEY-SQ .188X.188X.375
9	08200829	1	ENGINE, 159CC VERT
10	06309300	1	WSHR-LK .44X.109 REG YWZC
11	07414100	3	SCR-TAP .38-16X1.00 HWH TR YZ
12	06400925	1	WSHR-FL-STL .4375X1.50X.125 YWZC
13	09250700	1	WASHER, WAVE
14	07415500	2	SCR-TAP 10-24X.25 CRSLPH TR YZ
15	07500339	1	PLUG, DOME-BLACK, .625 DIA

Engine and Blade

Model 911177

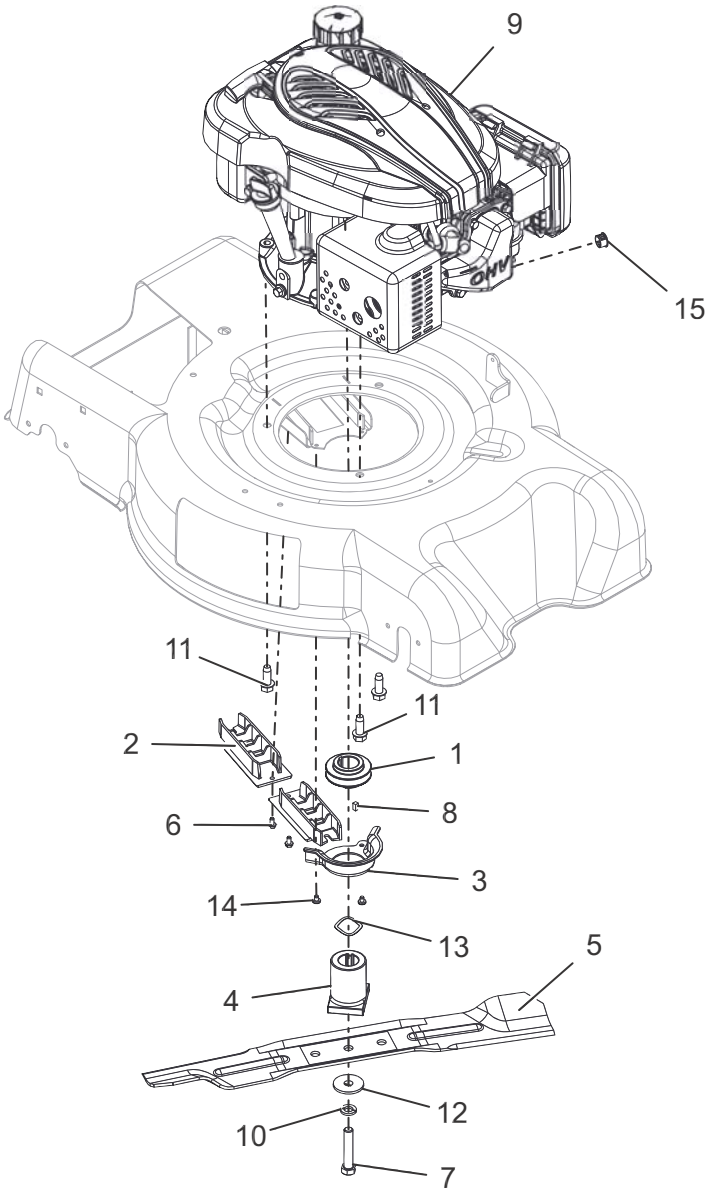


BOM ID	Number	Qty	Description
1	08201114	1	ENGINE, 159CC VERT. BBC
2	07344800	1	PULLEY, 7/8 MACHINED LM DRIVE
3	04716451	1	WLDMT, ENCLOSURE - BBC
4	04533851	1	GUIDE, BELT CRANKSHAFT
5	04692700	1	BLADE, MOWER 21" HIGH LIFT-BBC
6	04720451	1	BAFFLE, BBC
7	04856600	1	CLUTCH, RAZOR/XD3, 7/8"
8	06400934	1	WASHER-FLAT-STL, .44 X 1.25 X .25 YWZC
9	06900512	1	CLAMP, LM CABLE
10	07001724	1	BLT, SHLDR 12MM X 25 W/M10 THD
11	07400033	2	SCR, TAP 10-24X.375 PRE-COAT 80
12	08300608	1	SPRG, EXTENSION BBC

BOM ID	Number	Qty	Description
13	06443400	1	WSHR-FL-STL .380X1.50X.125 YWZC
14	05947900	4	BLT-HEX .25-20X.50 GR5 YWZC
15	05901317	1	BLT-HEX .38-24X2.25 YWZC GR8
16	05943000	2	BLT-HEX M10 X 1.5X20 GR5 YWZC
17	06600215	1	KEY-SQ .188X.188X.375
18	06400928	1	WSHR-HDND .375X.875X.064 YWZC
19	06543500	4	NUT, LK-TOP-FLG .25-20 YWZC
20	07414100	3	SCR-TAP .38-16X1.00 HWH TR YZ
21	04733800	2	GUIDE, BELT INNER
22	07415500	2	SCR-TAP 10-24X.25 CRSLPH TR YZ

Engine and Blade

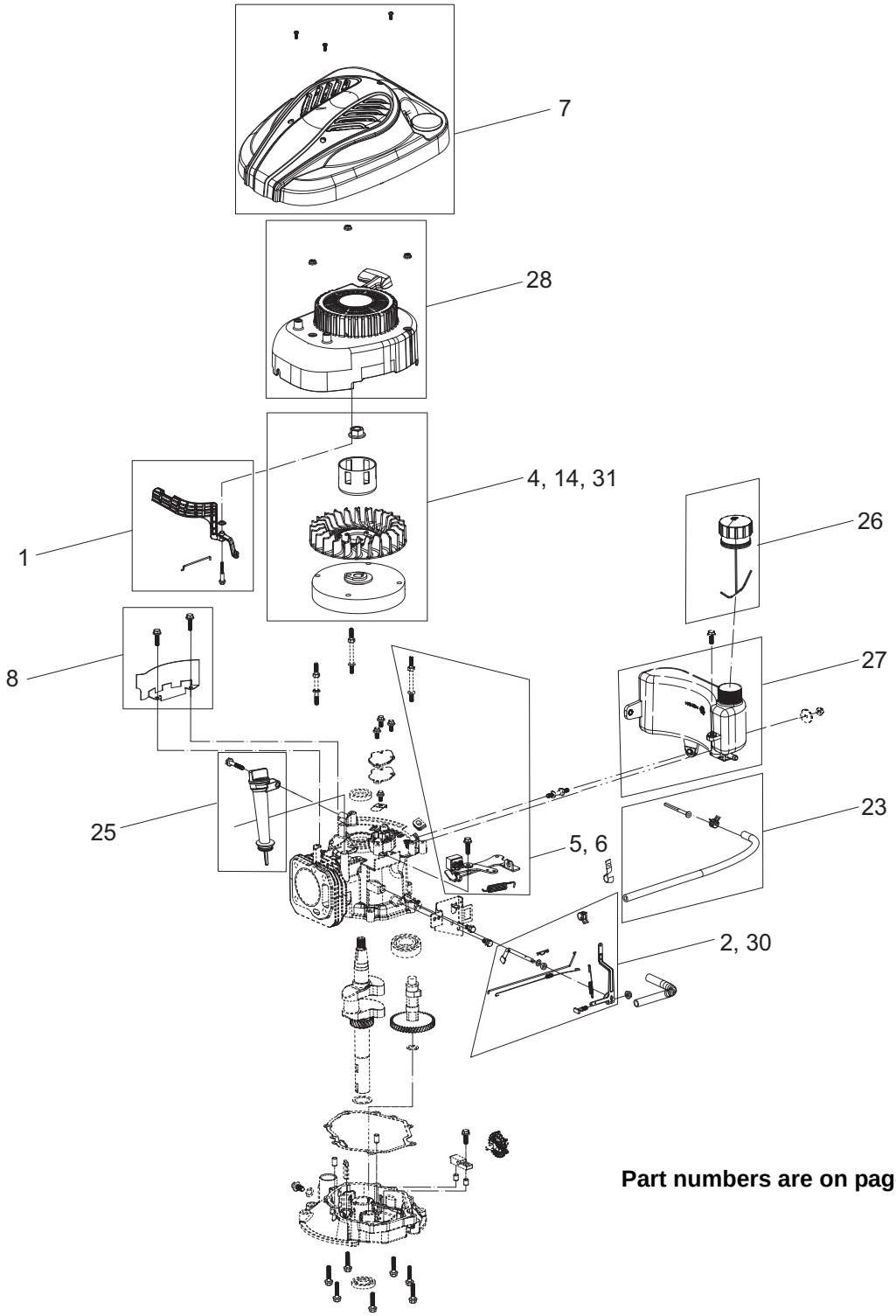
Model 911179



BOM ID	Number	Qty	Description
1	07343700	1	PULLEY, GROUND DRIVE, LM
2	04733800	2	GUIDE, BELT INNER
3	04533851	1	GUIDE, BELT CRANKSHAFT
4	04539400	1	ADAPTOR, BLADE
5	04544400	1	BLADE, MOWER 21" HIGH-LIFT
6	07400033	2	SCR, TAP 10-24X.375 PRE-COAT 80
7	05901515	1	BLT-HEX .44-20X2.25 GR8 YWZC
8	06600215	1	KEY-SQ .188X.188X.375
9	08200830	1	ENGINE, 159CC VERT. ES
10	06309300	1	WSHR-LK .44X.109 REG YWZC
11	07414100	3	SCR-TAP .38-16X1.00 HWH TR YZ
12	06400925	1	WSHR-FL-STL .4375X1.50X.125 YWZC
13	09250700	1	WASHER, WAVE
14	07415500	2	SCR-TAP 10-24X.25 CRSLPH TR YZ
15	07500339	1	PLUG, DOME-BLACK, .625 DIA

ENGINE KIT COMPONENTS

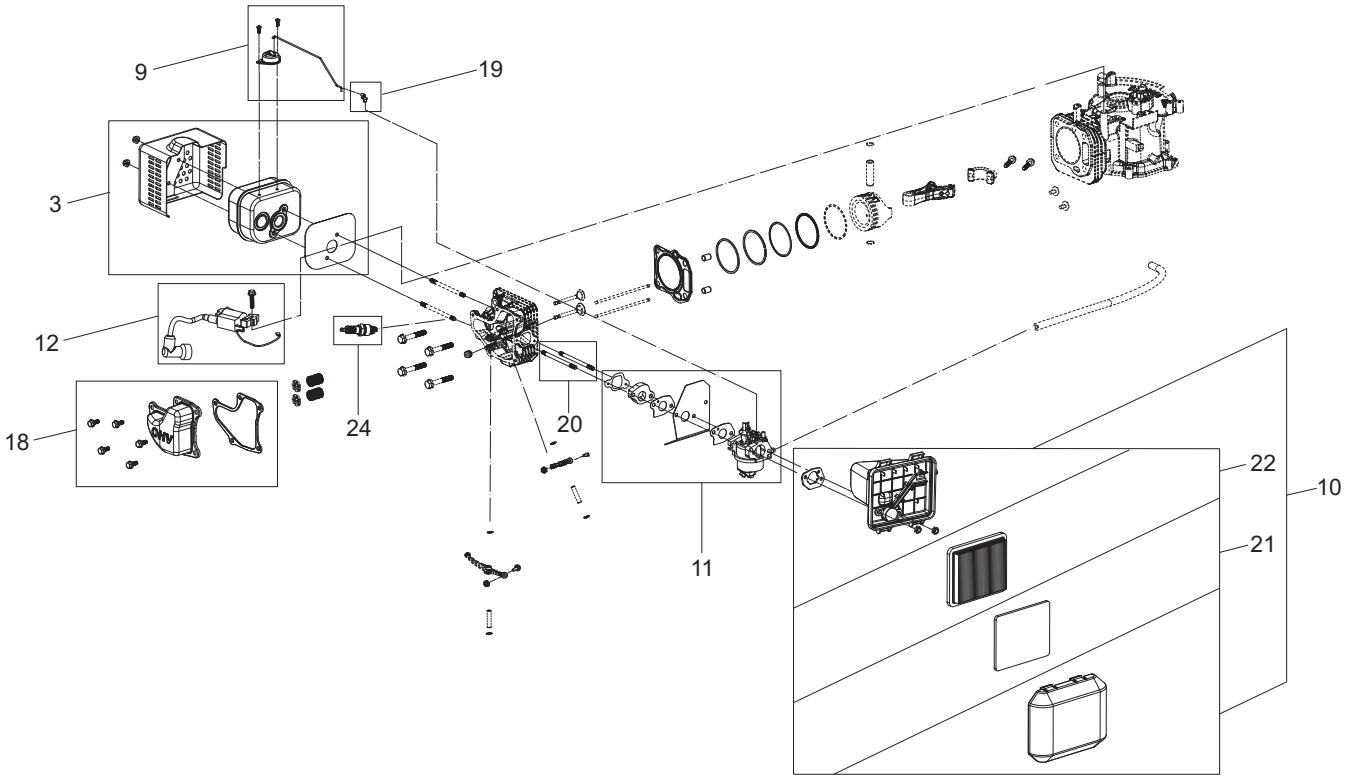
Model All



Part numbers are on page 21.

ENGINE KIT COMPONENTS (CONTINUED)

Model All



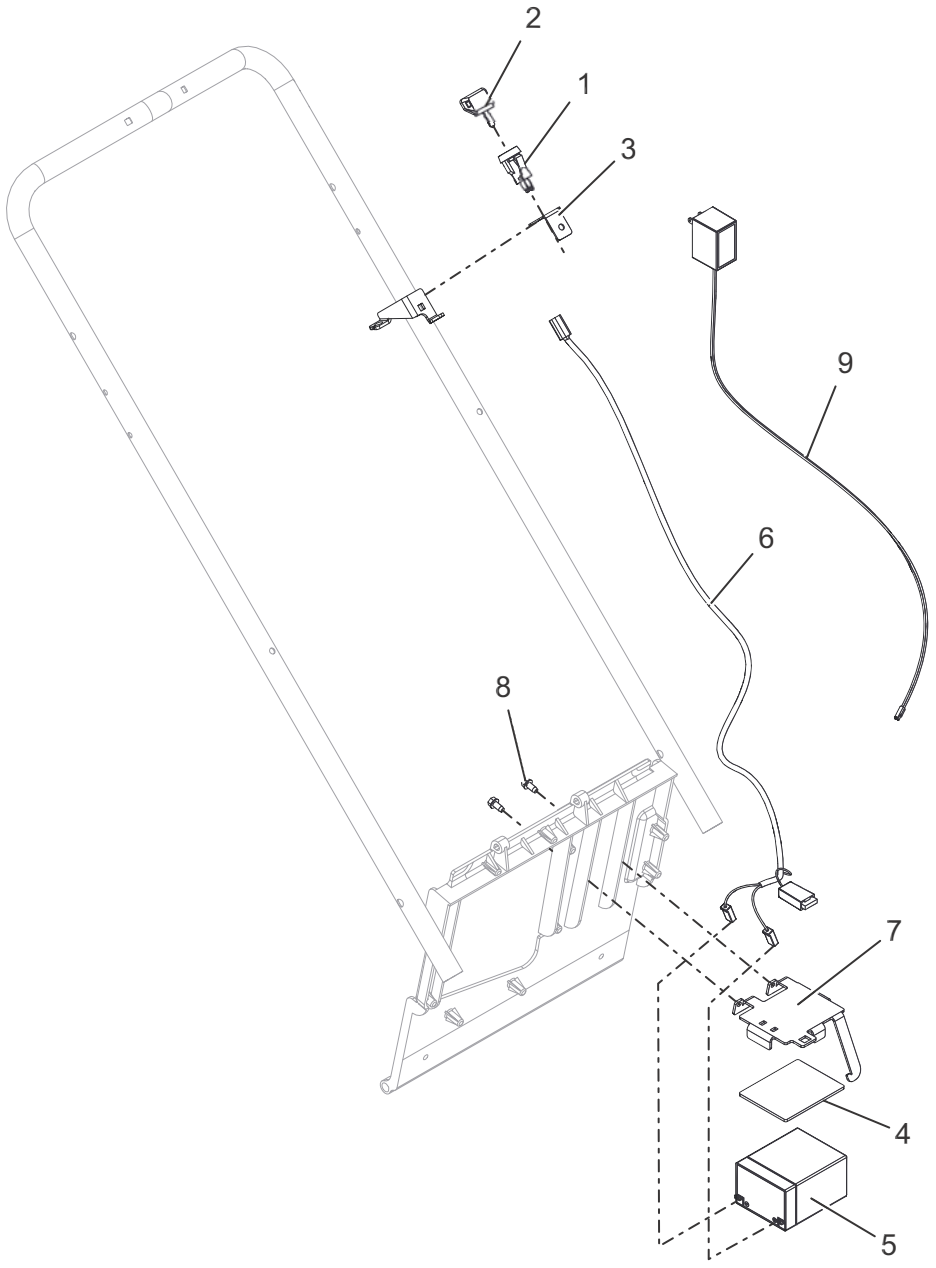
ENGINE KIT COMPONENTS (CONTINUED)

Model All

BOM ID	Number	Qty	Description
1	21110201	1	AIR VANE CHOKE KIT
2	21110202	1	GOVERNOR ARM KIT (911173, 175, 179)
3	21110203	1	MUFFLER AND SHIELD KIT
4	21110204	1	FLYWHEEL AND FAN KIT – RECOIL START (911173, 175)
5	21110205	1	KIT BRAKE ASSEMBLY – RECOIL (911173, 175, 177)
6	21110206	1	KIT BRAKE ASSEMBLY – ELECTRIC (911179)
7	21110207	1	KIT ARIENS STYLE
8	21110208	1	KIT FLYWHEEL SHIELD
9	21110209	1	THERMAL CHOKE CONTROL KIT
10	21110210	1	KIT-AIR CLEANER ASM, 2 HINGE
11	21110211	1	CARBURETOR COMPLETE KIT
12	21110212	1	IGNITION COIL KIT
13	21110213	1	SEAL AND GASKET KIT
14	21110214	1	FLYWHEEL AND FAN KIT – ELECTRIC START (911179)
16	21110216	1	STARTER KIT – ELECTRIC START (911179)
17	21110217	1	WIRE HARNESS KIT
18	21110218	1	KIT-VALVE COVER (1P65FA)
19	21110219	1	LOCK-THROTTLE
20	21110220	1	STUD-INTAKE
21	21100220	1	AIR FILTER, FOAM PRE-FILTER
22	21100121	1	AIR FILTER ELEMENT
23	21110225	1	FUEL LINE WITH STRAINER
24	21100123	1	SPARK PLUG
25	21110221	1	OIL FILTER TUBE/CAP
26	21110223	1	GAS CAP WITH CANISTER
27	21110234	1	FUEL TANK
28	21110224	1	RECOIL ASSEMBLY
29	21110001	1	ENGINE, SERVICE, AC SERIES (911173, 175, 181)
29	21110002	1	ENGINE, SERVICE, AC SERIES, ELEC (911179)
30	21100301	1	GOVERNOR ARM KIT – BBC (911177)
30	21110235	1	KILL SWITCH, ENGINE – BBC (911177)
31	21100302	1	FLYWHEEL AND FAN KIT – BBC (911177)

ELECTRICAL COMPONENTS

Model 911179



BOM ID	Number	Qty	Description
1	04536900	1	SWITCH, KEY
2	04556300	1	KEY, LM ELEC START
3	04573351	1	BRKT, KEY SWITCH
4	04762500	1	PAD, BATTERY , LM
5	04765800	1	BATTERY, AGM, 2.9AH, GNRL PRPS
6	04825800	1	HARNESS, ELEC START
7	04772951	1	BRKT, BATTERY HOLD DOWN (BLACK)
8	07400034	2	SCR-TAP .25-20X.50 HWH TR YWZ
9	04537000	1	CHARGER, BATTERY

NOTES

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