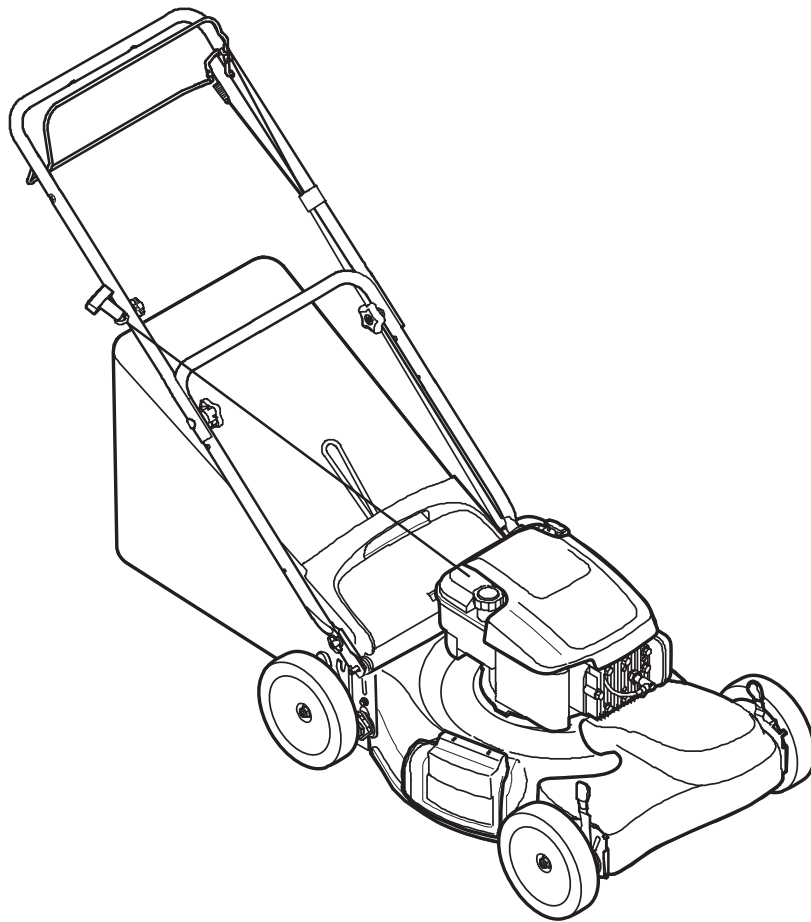


Parts Manual for

SNAPPER®

21" STEEL DECK SELF PROPELLED FWD WALK BEHIND MOWER

<i>Model No.</i>	<i>Description</i>
1696606-00	SP70



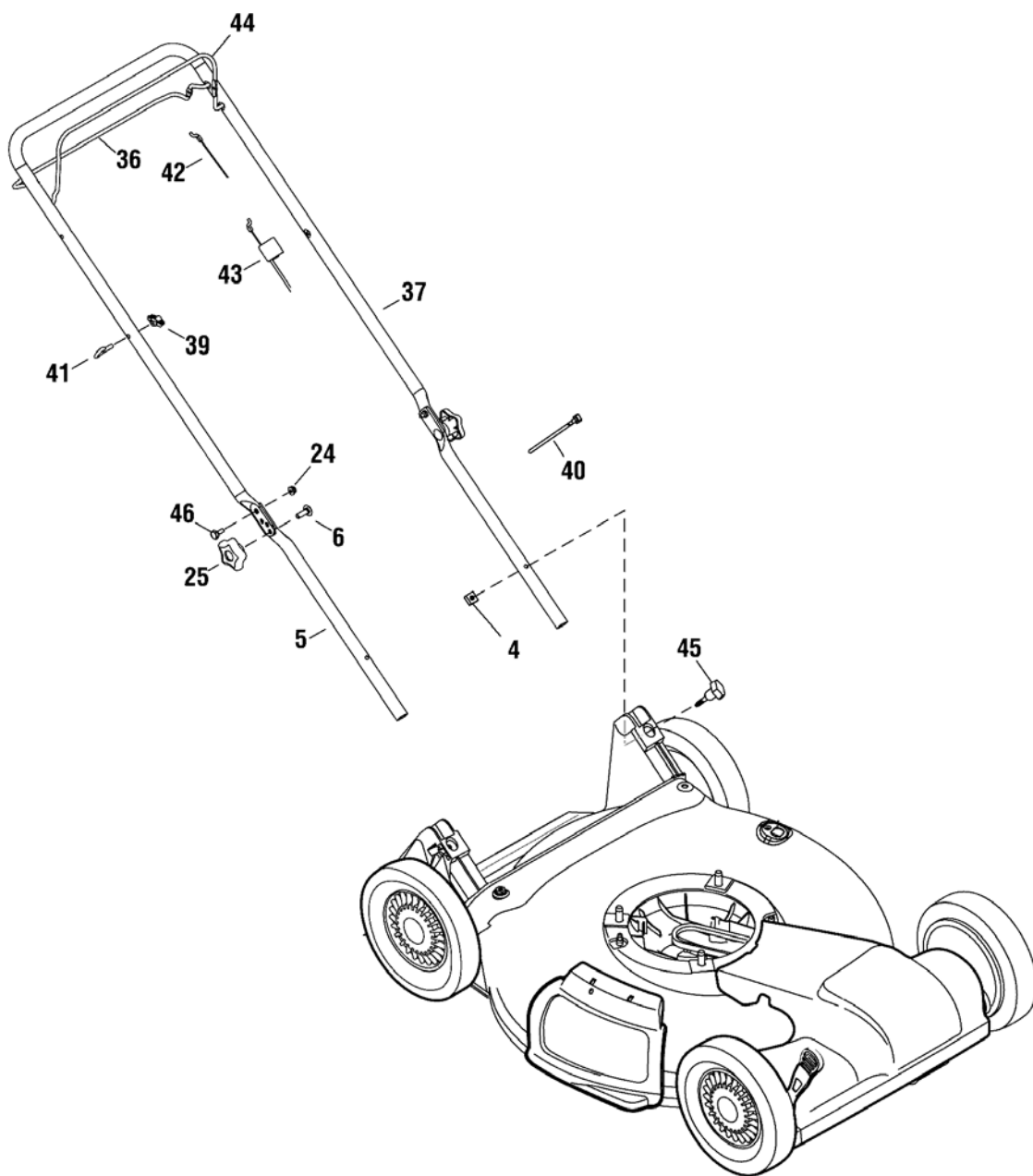
Briggs & Stratton Yard Power Products Group
535 Macon Road
McDonough, GA, 30253 U.S.A.
800-935-2967

Manual No.	1759953
Revision: -	8/18/2015

Not for
Reproduction

PAGE	GROUP
4	Handle Group
6	Deck Group
8	Engine & Blade Group
10	Drive Group
12	Decals Group

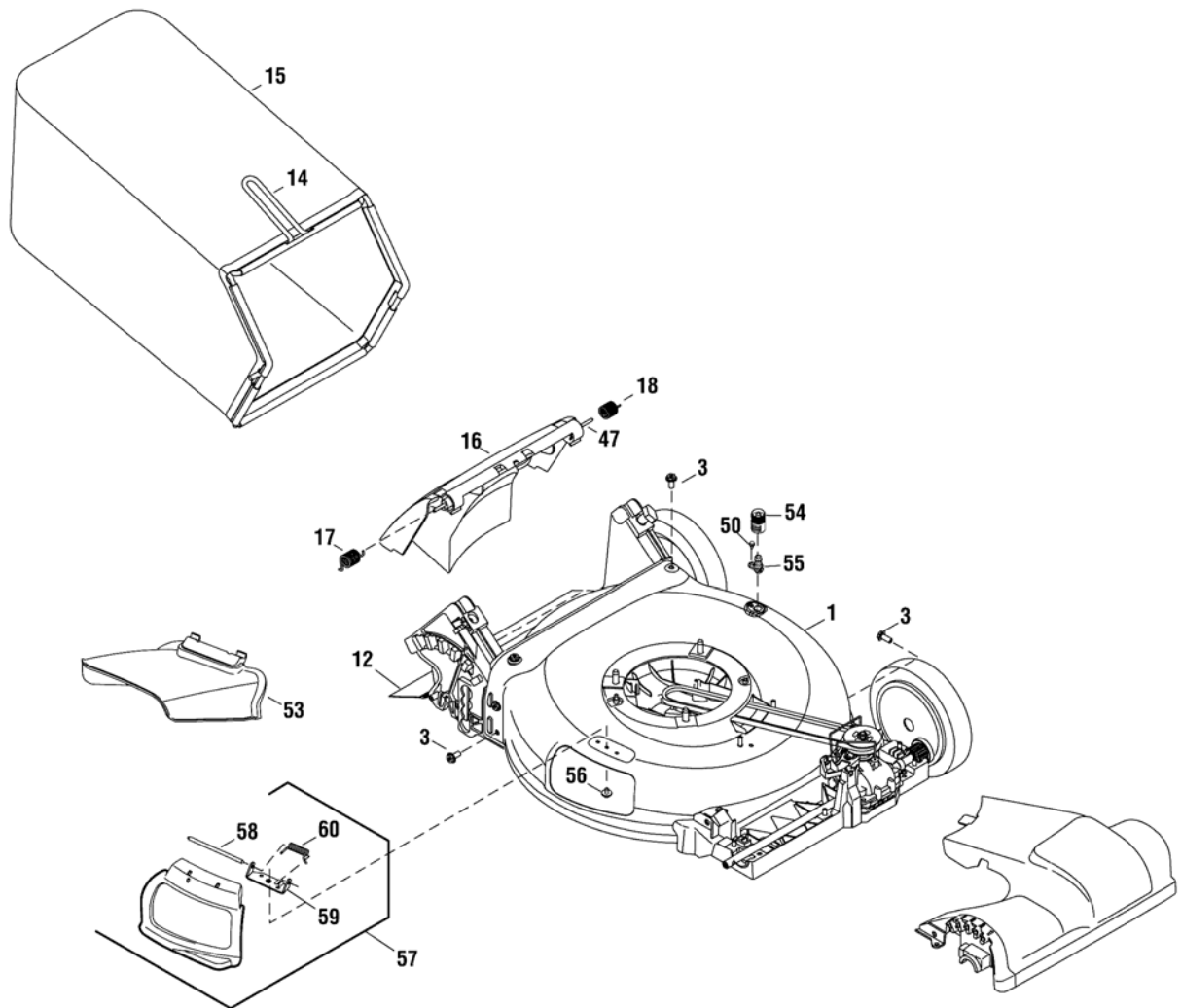
Not for
Reproduction



Item	Part No	Qty	Description
4	703486	2	NUT, Square, 1/4-20
5	703530	1	HANDLE, Lower
6	703483	2	BOLT, Carriage, 5/16-18 x 1, GR5
24	703463	2	NUT, Flange Lock, 1/4-20
25	1101453MA	2	KNOB, Wing, 5/16-18
36	707932	1	BAIL, Drive Control
37	707933	1	HANDLE, Upper, Adjustable
39	1101222MA	1	KNOB, 1/4-20
40	1701011SM	2	TIE, Self Lock
41	703485	1	GUIDE, Rope
42	703564	1	CABLE, Control
43	703562	1	CABLE, Drive
44	707934	1	BAIL, Blade Control
45	707910	2	NUT, Wing
46	703522	2	BOLT, Shoulder, 1/4-20

Not for
Reproduction

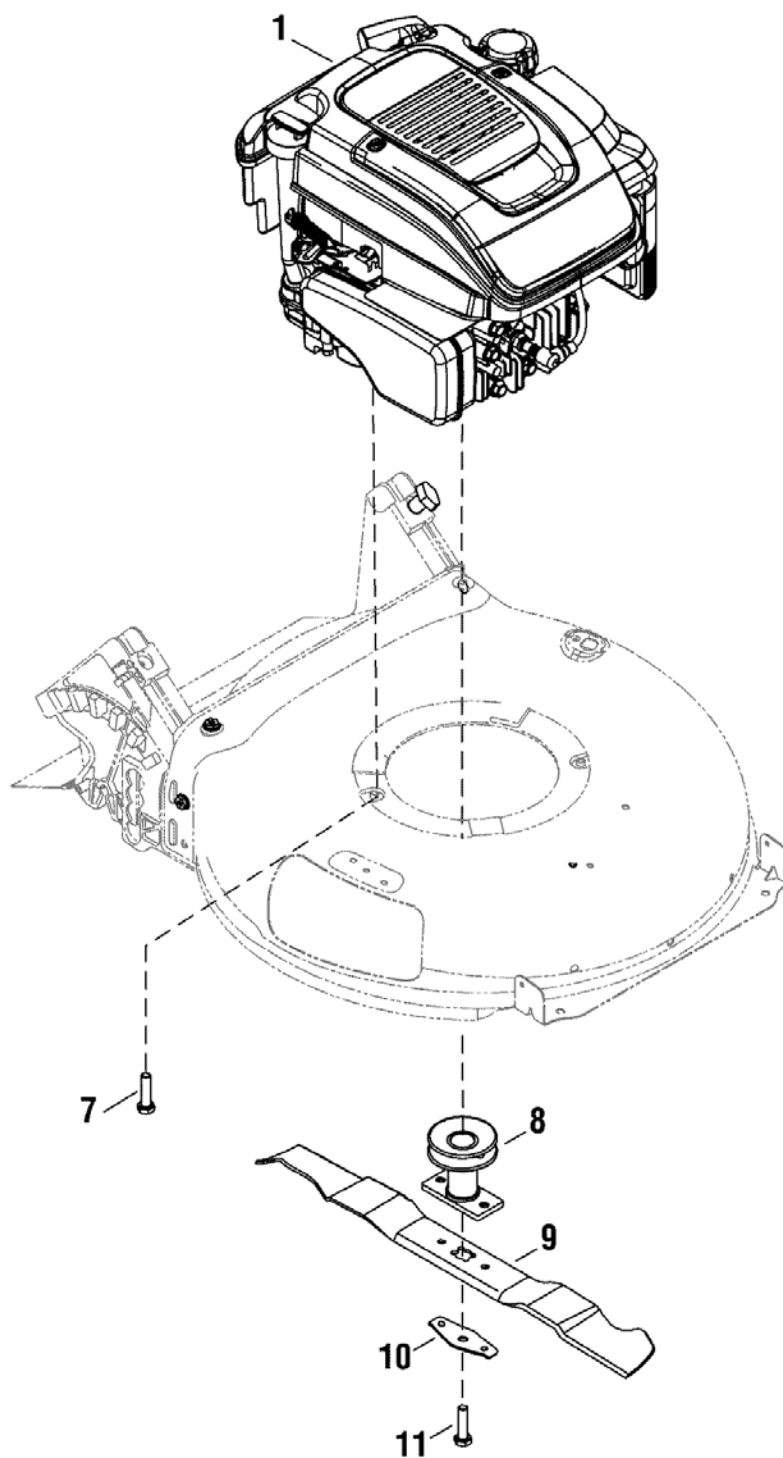
Footnotes:



Item	Part No	Qty	Description
1	-----	1	DECK, 21" Not Serviceable
3	703482	4	SCREW, 5/16-14 x 3/4
12	703499	1	TRAILING SHIELD
14	703474	1	FRAME, Grass Bag
15	703384	1	GRASS BAG
16	703468	1	DOOR, Rear Discharge
17	705878	1	SPRING, Torsion, RH
18	705879	1	SPRING, Torsion, LH
47	703525	1	ROD, Pivot
50	703714	1	BOLT, Shoulder, 1/4-20 x 1/2
53	703376	1	CHUTE, Side Discharge
54	703557	1	ADAPTER, Water Nozzle
55	703502	1	NOZZLE, Water
56	B4300GS	1	SCREW, 1/4-20 x 1/2
57	707912	1	MULCH PLUG (Includes Ref. Nos. 58, 59 & 60)
58	703529	1	PIN, Hinge
59	703538	1	BRACKET, Chute Deflector
60	703517	1	SPRING, Torsion

Not for
Reproduction

Footnotes:

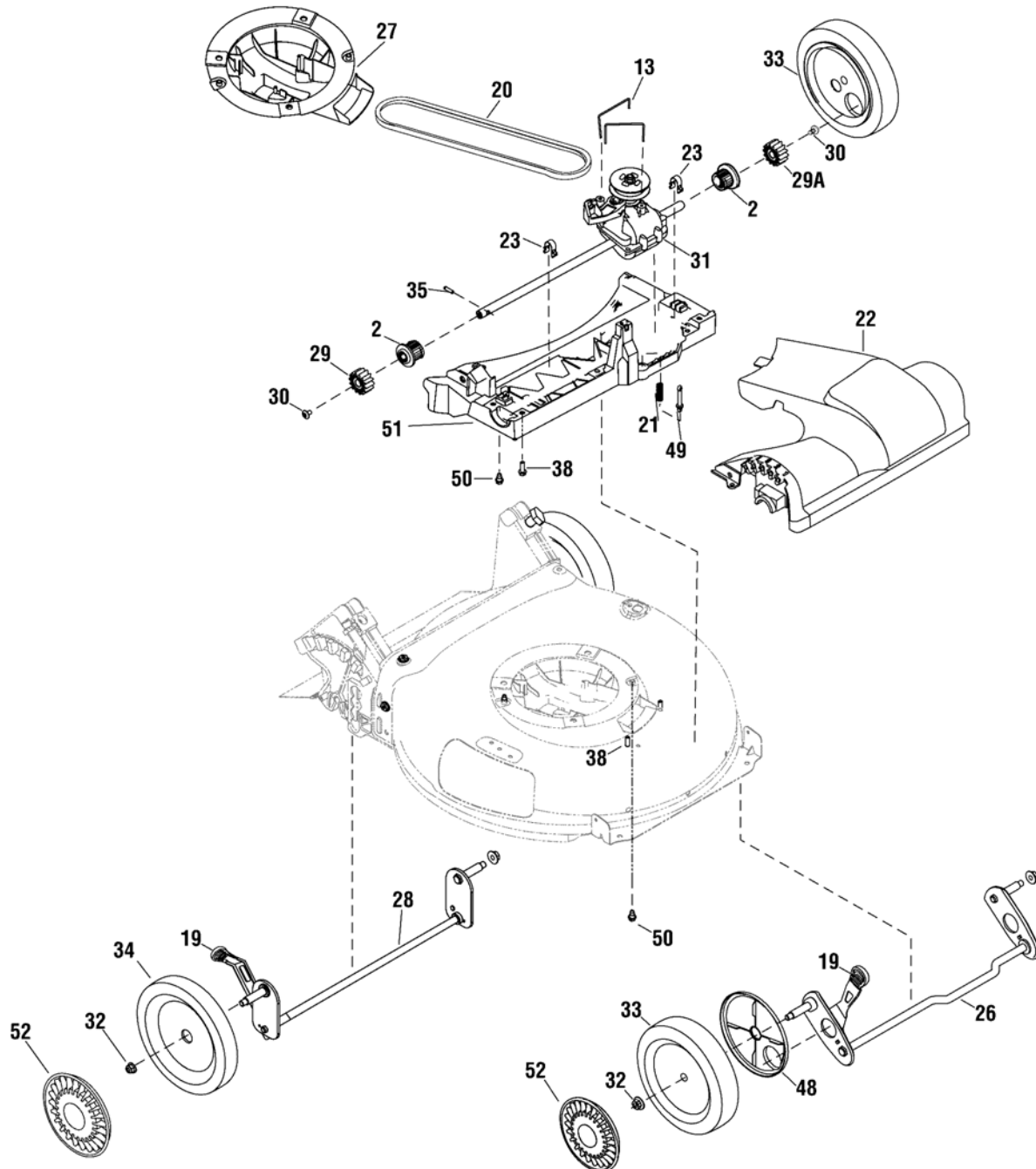


Item	Part No	Qty	Description
1	103M02-0002-F1	1	* ENGINE, Briggs & Stratton, Mod. 103M02-0002-F1
7	707904	3	SCREW, Engine Mounting, 3/8-16 x 1
8	703790	1	ADAPTER, Blade
9	703371	1	BLADE, Mulching
10	703520	1	SUPPORT, Blade Bell
11	01X142MA	1	SCREW Hex, 3/8-24 x 1-1/2

Not for
Reproduction

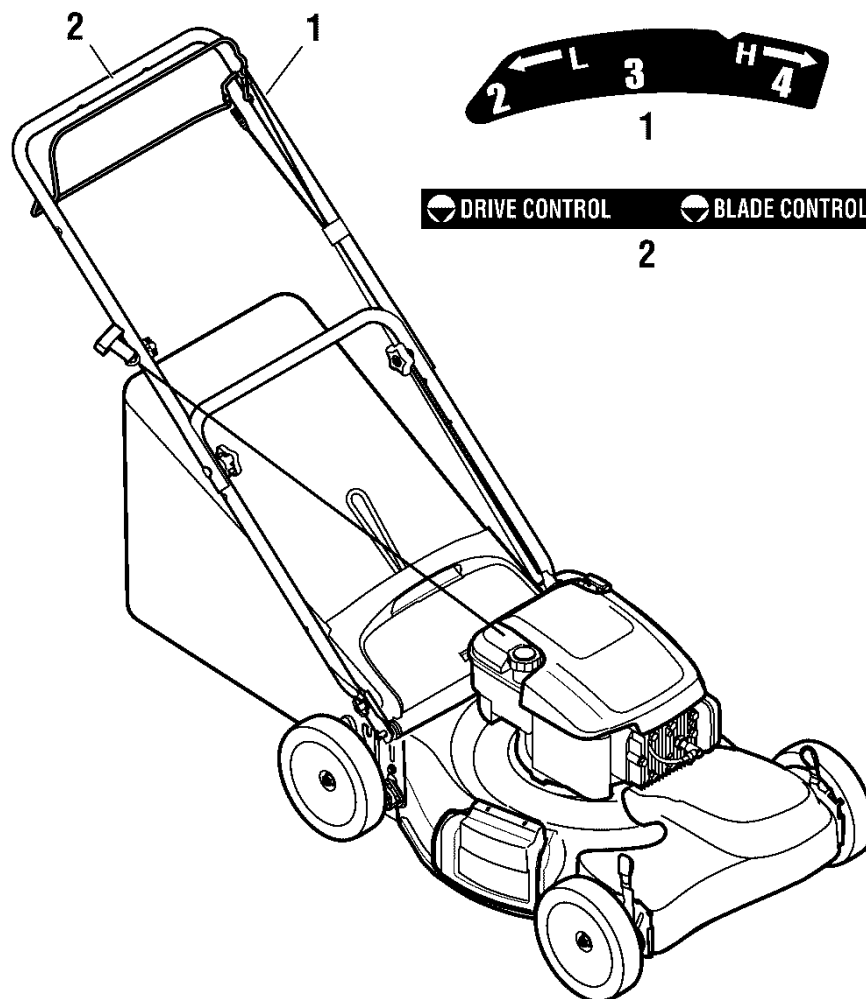
Footnotes:

Note* To verify your specific engine model, please reference the ID Tag located on your engine. See your local Briggs & Stratton distributor for parts and service.



Item	Part No	Qty	Description
2	703559	2	BEARING ASSEMBLY
13	703514	2	WIRE, Transmission
19	703490	4	KNOB, Adjustment Lever
20	703373	1	V-BELT
21	703515	1	SPRING, Compression
22	703508	1	COVER, Front
23	703539	2	CLIP, Front Axle
26	703547	1	AXLE ASSEMBLY, Front
27	703558	1	BAFFLE, Engine
28	707931	1	AXLE ASSEMBLY, Rear
29	703552	1	GEAR, 14T, RH
29A	703553	1	GEAR, 14T, LH
30	703480	2	SCREW, 1/4-20 x .390
31	703556	1	TRANSMISSION
32	5025394SM	4	NUT, Flange Lock, 3/8-16
33	703386	2	WHEEL, Front
34	703473	2	WHEEL, Rear
35	703487	2	PIN, Dowel
38	7091081SM	2	SCREW, 1/4-15 x 3/4
48	703500	2	COVER, Dust
49	703501	1	SPRING, Body
50	703714	2	BOLT, Shoulder, 1/4-20 x 1/2
51	703504	1	TRAY, Lower
52	707911	4	HUBCAP, Grey

Footnotes:



Item	Part No	Qty	Description
1	703536	1	DECAL, Speed
2	703534	1	DECAL, Controls

Not for
Reproduction

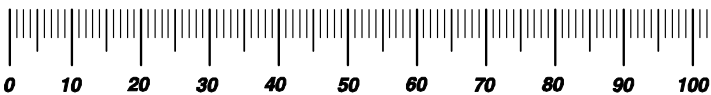
Footnotes:

Not for
Reproduction

Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance $\pm 20\%$)								
Property Class	 Class 5.6		 Class 8.8		 Class 10.9		 Class 12.9	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
M3	5.88	.56	13.44	1.28	19.2	1.80	22.92	2.15
M4	13.44	1.28	30.72	2.90	43.44	4.10	52.56	4.95
M5	26.4	2.50	60.96	5.75	5.97	8.10	7.15	9.7
M6	44.64	4.3	7.3	9.9	10.3	14	12.1	16.5
M7	5.2	7.1	12.1	16.5	16.9	23	19.9	27
M8	7.7	10.5	17.7	24	25	34	29	40
M10	15	21	35	48	50	67	59	81
M12	26	36	61	83	86.2	117	103	140
M14	42	58	101	132	136	185	162	220
M16	64	88	147	200	210	285	250	340
M18	89	121	202	275	287	390	346	470
M20	126	171	290	390	405	550	486	660
M22	169	230	390	530	559	745	656	890
M24	217	295	497	375	708	960	840	1140
M27	320	435	733	995	1032	1400	1239	1680
M30	435	590	995	1350	1401	1900	1681	2280
M33	590	800	1349	1830	1902	2580	2278	3090
M36	759	1030	1740	2360	2441	3310	2935	3980
M39	988	1340	2249	3050	3163	4290	3798	5150

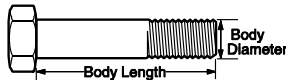
The guides and ruler furnished below are designed to help you select the appropriate hardware.



Nut, M8

Thread Diameter (mm)
Inside Diameter (in)
Threads per inch

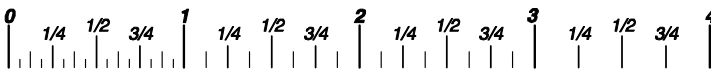
Nut, 1/2-16



Screw, M8- 1.25 x 25

Thread Diameter (mm)
Body Diameter
Distance between threads (mm)
Threads per inch
Body Length (mm)
Body Length (in)

Screw, 1/2- 16 x 2



Standard Hardware Sizing

When a washer or nut is identified as 1/2" (M8), this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the *threads per inch* (distance between threads).

When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (1.25 thread diameter). The final number is the body length of the bolt or screw, 2 inches (50mm).

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$)						
Hardware Grade	 SAE Grade 2		 SAE Grade 5		 SAE Grade 8	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	29	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
 - for prevailing torque locknuts - use 65% of grade 5 torques.
 - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Common Hardware Types

Hex Head Capscrew



Washer



Lockwasher



Carriage Bolt



Hex Nut



Wrench & Fastener Size Guide

 1/4" Bolt or Nut Wrench—7/16"	 5/16" Bolt or Nut Wrench—1/2"	 3/8" Bolt or Nut Wrench—9/16"	 7/16" Bolt or Nut Wrench (Bolt)—5/8" Wrench (Nut)—11/16"	 1/2" Bolt or Nut Wrench—3/4"
M6 Bolt or Nut Wrench—10mm	M8 Bolt or Nut Wrench—13mm	M10 Bolt or Nut Wrench—17mm	M12 Bolt or Nut Wrench—19mm	M14 Bolt or Nut Wrench—22mm

Parts Manual for

SNAPPER®

***21" STEEL DECK SELF PROPELLED FW
WALK BEHIND MOWER***

Not for
Reproduction®

IT IS THE POLICY OF BRIGGS & STRATTON CORP TO IMPROVE ITS
PRODUCTS WHENEVER IT IS POSSIBLE AND PRACTICAL TO DO SO.
WE RESERVE THE RIGHT TO MAKE CHANGES OR ADD
IMPROVEMENTS AT ANY TIME WITHOUT INCURRING ANY
OBLIGATION TO MAKE SUCH CHANGES ON PRODUCTS

Briggs & Stratton Yard Power Products Group

535 Macon Road
McDonough, GA, 30253 U.S.A.
800-935-2967

www.snapper.com

Copyright © 2015 Briggs & Stratton Corporation
Milwaukee, WI USA. All Rights Reserved

Manual No. 1759953

Revision: - 8/18/2015