



MASSEY FERGUSON
LAWN & GARDEN EQUIPMENT

AGCO

Parts Manual



Leaf Vacuum

Series Walk-Behind Vacuums

6.5HP Product

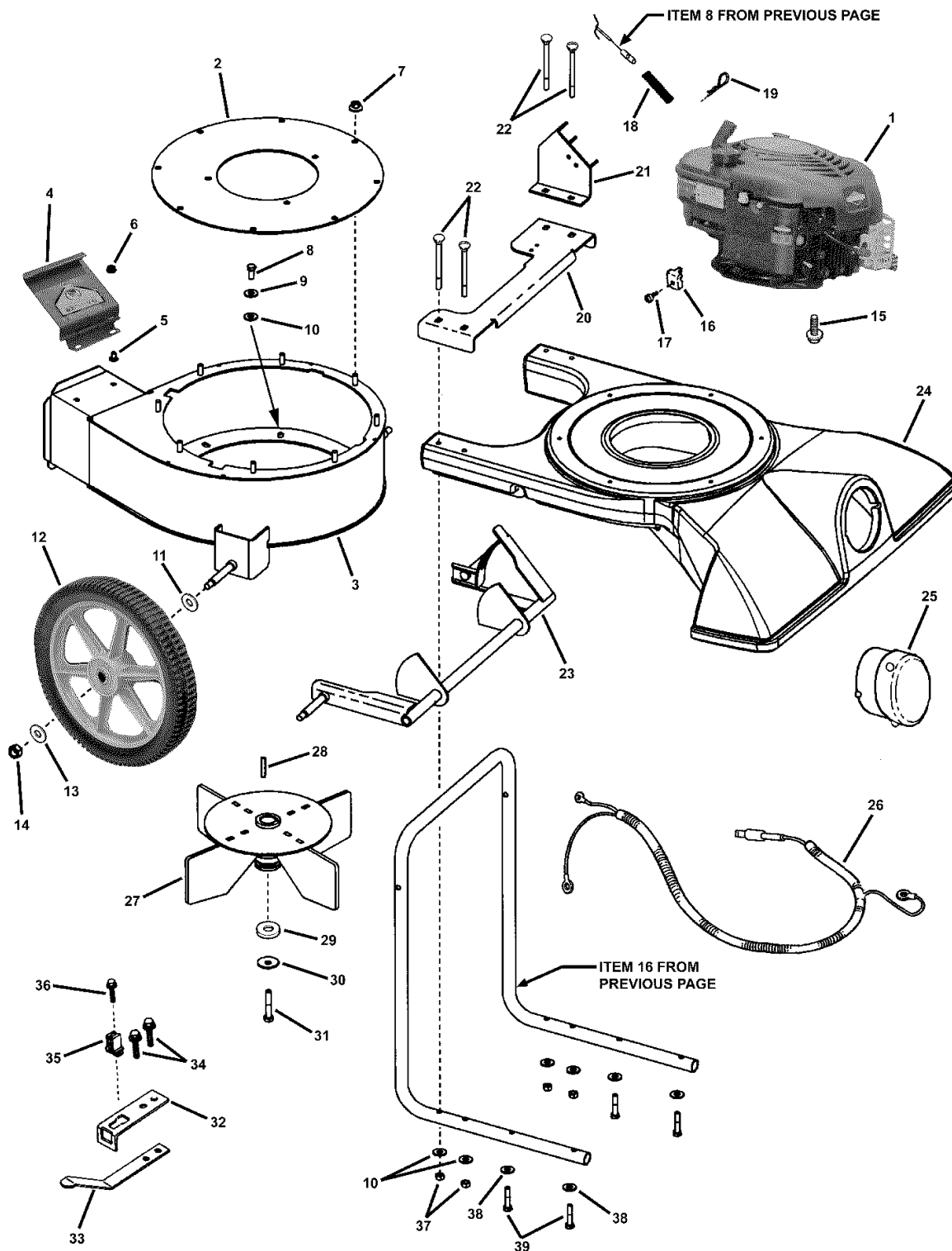
Mfg. No.	Description
1694489	Leaf Vacuum, Walk-Behind 6.5HP, Briggs & Stratton

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Engine, Impeller, Housing & Wheels Group

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NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694489 - Leaf Vacuum

Engine, Impeller, Housing & Wheels Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	*	1	ENGINE, 6.5HP Briggs & Stratton Quantum Modular XRM, Recoil Start, Model 123K02, Type 0126-E1
2	3034902	1	PLATE, Engine Base Vacuum Universal (Replaces 3075793)
3	3044853	1	WELDMENT, Upper Housing
4	3075807	1	ASSEMBLY, Hinge Door
5	3091604	2	CARRIAGE BOLT, 1/4-20 x 1/2 Short Neck, GR5
6	3091584	2	NUT, 1/4-20 Hex Flange Lock
7	3091601	8	NUT, 5/16-18 Hex Flange Lock, GR5
8	3091318	6	CAPSCREW, 5/16-18 x 3/4 Hex Head, GR5
9	3091315	12	WASHER, 5/16 Split Lock
10	3090188	12	WASHER, 5/16 Flat
11	3026257	4	WASHER, 1/2 Wave
12	3058668	4	WHEEL ASSEMBLY, 14.00 x 2
13	3090122	4	WASHER, 3/8 SAE Flat
14	3091299	4	NUT, 3/8-16 Nyloc
15	3090324	3	SCREW, 3/8-16 x 1 Hex Washer Self-Tap
16	3023153	1	CLAMP, Casing
17	3023154	1	SCREW, #10-32 x 5/8 Hex Head Self-Tap
18	3025062	1	SPRING, Compression
19	3091193	1	HAIRPIN, 29/32 Cotter
20	3075802	1	PLATE, Reinforcing
21	3044886	1	WELDMENT, Cable Anchor
22	3058271	4	CARRIAGE BOLT, 5/16-18 x 3-1/2 Short Neck, GR5
23	3044885	1	AXLE ASSEMBLY, Drag Link
24	3075836	1	HOUSING, Lower
25	3075806	1	PLUG, Hose Port
26	3026247	1	WIRE HARNESS, Interlock
27	3045218	1	IMPELLER
28	3012315	1	KEY, 1/4 Square x 1-7/16 long
29	3091962	1	WASHER, .468 I.D. x 1-5/8 O.D. x 1/4 thick
30	3012063	1	WASHER, Cone
31	3090167	1	CAPSCREW, 3/8-24 x 2 Hex Head, GR5
32	3032416	1	BRACKET, Interlock
33	3032417	1	SPRING, Interlock
34	3090539	2	CAPSCREW, 1/4-20 x 1/2 Hex Washer Self-Tap
35	3012048	1	INSULATOR
36	3090379	1	SCREW, # 8-18 x 3/4 Sheet Metal
37	3091298	4	NUT, 5/16-18 Hex Nyloc
38	3091315	12	WASHER, 5/16 Split Lock
39	3091540	4	CAPSCREW, 5/16-18 x 1-1/2 Hex Head, GR5

Footnotes

* See your local Briggs & Stratton distributor for parts and service.

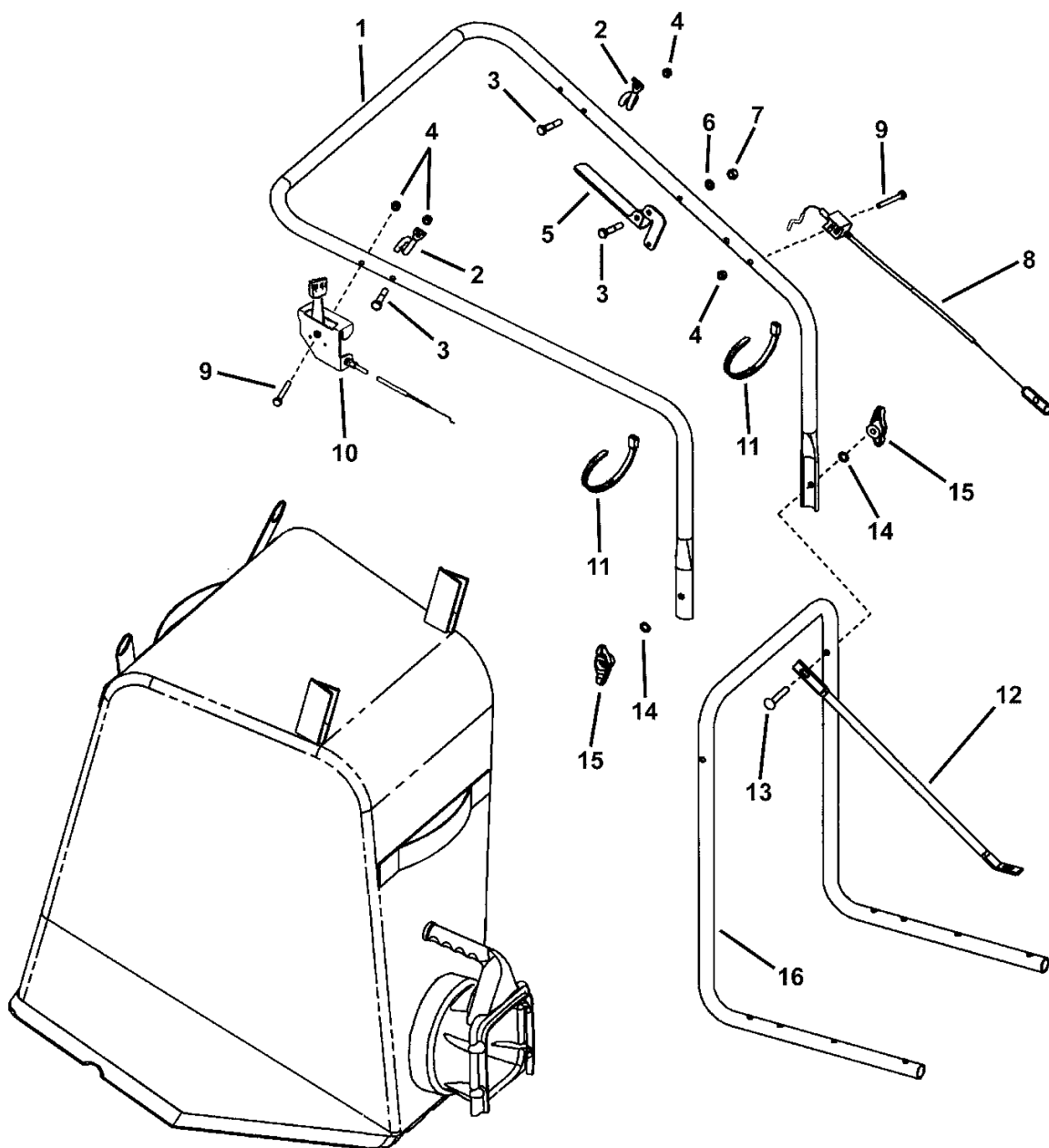
The above parts group applies to the following Mfg. Nos.:

1694489 - Leaf Vacuum

Handles, Controls & Bag Group

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NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



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BAG ASSEMBLY

NOTE: BAG COMPONENTS
ARE NOT SOLD SEPARATELY.

The above parts group applies to the following Mfg. Nos.:

1694489 - Leaf Vacuum

Handles, Controls & Bag Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	3058669	1	HANDLE ASSEMBLY, Upper, (Includes Foam Grip, Part No. 3026216)
2	3022779	2	GUIDE, Pull Rope
3	3079577	3	CAPSCREW, Hex Head, 1/4-20 x 1-1/2, GR5
4	3076978	5	NUT, 1/4-20 Hex Nyloc
5	3075800	1	HANDLE, Height Adjust
6	3091315	1	WASHER, 5/16 Split Lock
7	3091511	1	NUT, Hex, 5/16-18, GR5 or B
8	3075804	1	CABLE, Height Adjust
9	3090505	1	CAPSCREW, Hex Head, 1/4-20 x 2, GR5
10	3075838	1	CABLE, Throttle, B&S
11	3012080	2	CABLE TIE, 7 inch
12	3075891	2	BRACE, Handle
13	3091930	2	CARRIAGE BOLT, 5/16-18 x 2, GR5
14	3090391	2	WASHER, 5/16 Internal Tooth Lock
15	3035744	2	KNOB, 5/16-18 Wing (Black)
16	3075803	1	HANDLE, Lower
17	3058942	1	* ASSEMBLY, Vacuum Bag

Footnotes

* Bag components are not sold separately.

The above parts group applies to the following Mfg. Nos.:

1694489 - Leaf Vacuum

Decal Group

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NOTE: Unless noted otherwise, use the standard hardware torque specification chart.



The above parts group applies to the following Mfg. Nos.:

1694489 - Leaf Vacuum

Decal Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1722551	1	DECAL, Simplicity
2	3013010	1	DECAL, Danger, Cut Finger
3	3075892	1	DECAL, Thrown Objects
4	3075893	1	DECAL, Personal Protection
5	3075894	1	DECAL, Warning, Vacuum

Footnotes

The above parts group applies to the following Mfg. Nos.:
1694489 - Leaf Vacuum

Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Lockwasher

Carriage Bolt



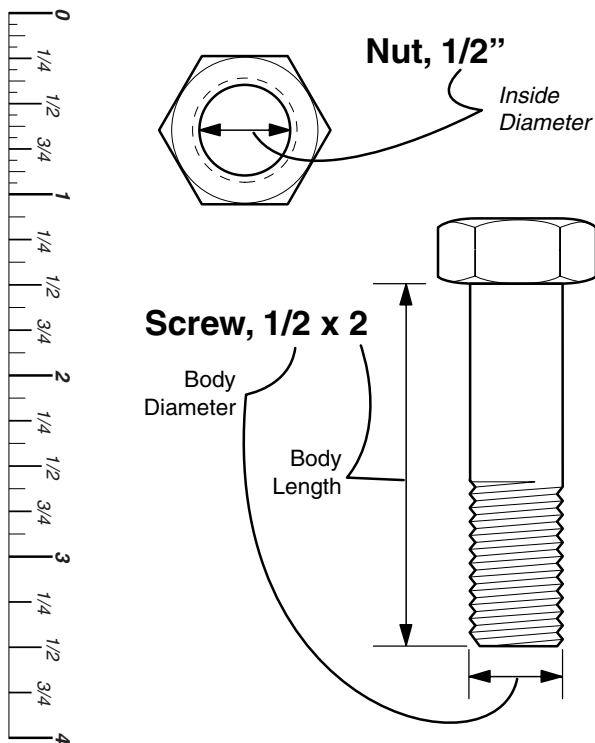
Hex Nut

Standard Hardware Sizing

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represents the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

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



Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$)

Hardware Grade	No Marks SAE Grade 2		SAE Grade 5		SAE Grade 8	
	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	27	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

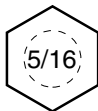
NOTES

- 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.

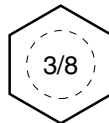
Wrench & Fastener Size Guide



1/4" Bolt or Nut
Wrench—7/16"



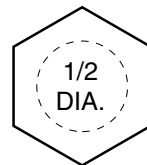
5/16" Bolt or Nut
Wrench—1/2"



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"



MANUFACTURING, INC.
500 N. Spring Street / PO Box 997
Port Washington, WI 53074-0997 USA

www.simplicitymfg.com

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