Parts Manual

Mfg. No: MNA152506

Murray 20" Cut Walk Behind Mower (2021)

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Model Components — Page

Deck Group. 4
Engine & Blade Group. 6
Handles & Controls Group. 8
Wheels Group. 10
Torque Specification Chart. 12

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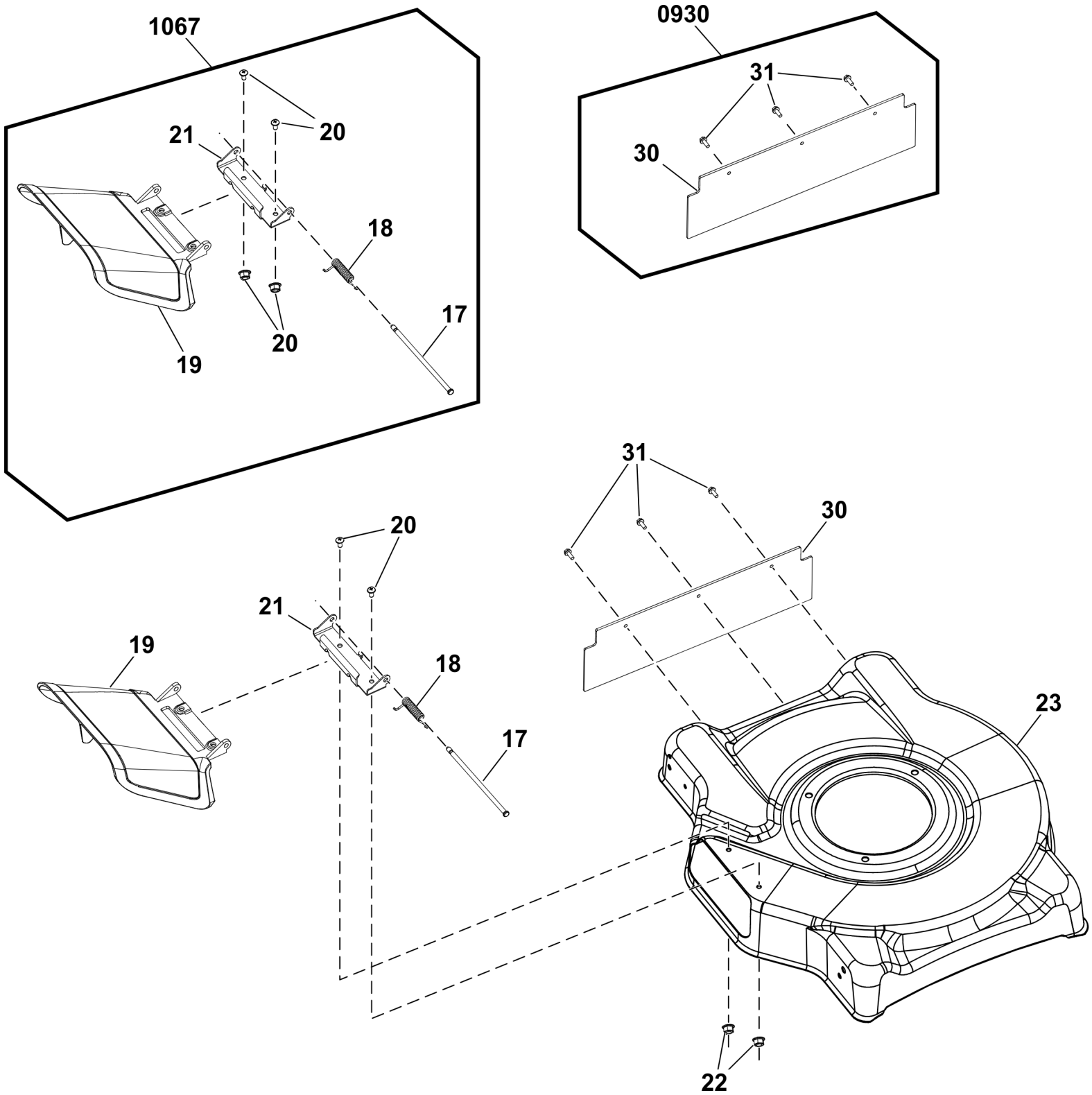
Deck Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: MNA152506



Deck Group

REF NO	PART NO	QTY	DESCRIPTION
23	-----	1	DECK
0930	84006772	1	KIT, Dust Cover -(Incl. Ref. Nos. 30, 31)
30	-----	1	COVER, Dust
31	-----	3	SCREW
1067	84006773	1	KIT, Deflector -(Incl. Ref. Nos. 17, 18, 19, 20, 21, 22)
17	-----	1	SHAFT, Deflector
18	-----	1	SPRING, Deflector
19	-----	1	DEFLECTOR
20	-----	2	SCREW
21	-----	1	BRACKET, Deflector
22	-----	2	NUT, Lock

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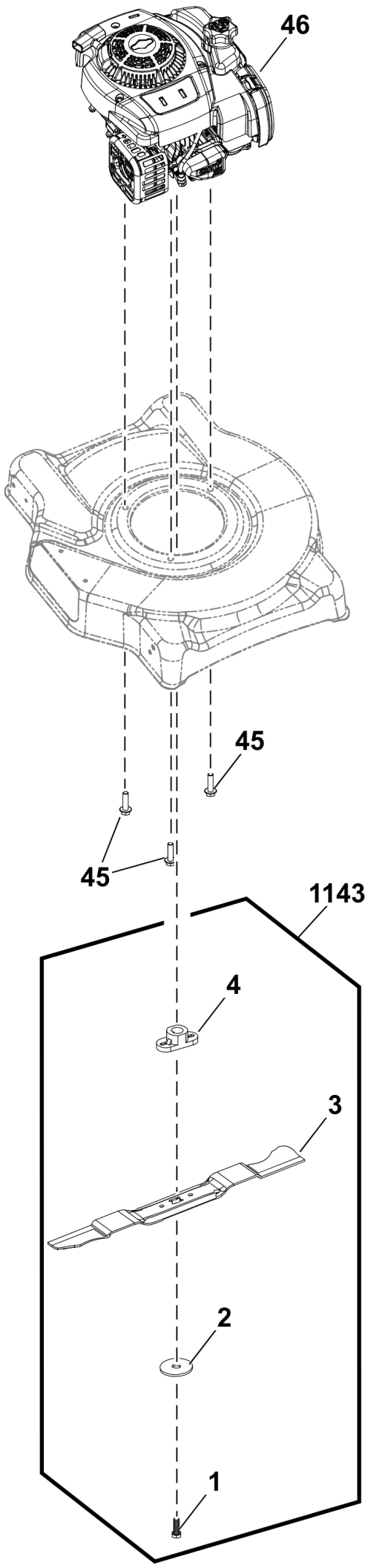

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Engine & Blade Group

REF NO	PART NO	QTY	DESCRIPTION
45	-----	3	BOLT
46	08P502-0163-F1	1	ENGINE -(Refer to Note: *)
1143	84006774	1	KIT, Blade -(Incl. Ref. Nos. 1, 2, 3, 4)
1	-----	1	BOLT, Blade
2	-----	1	WASHER
3	84006775	1	BLADE, Mower
4	-----	1	ADAPTER, Blade

Footnotes:

Note:* Refer to your local Briggs & Stratton distributor for parts and service.

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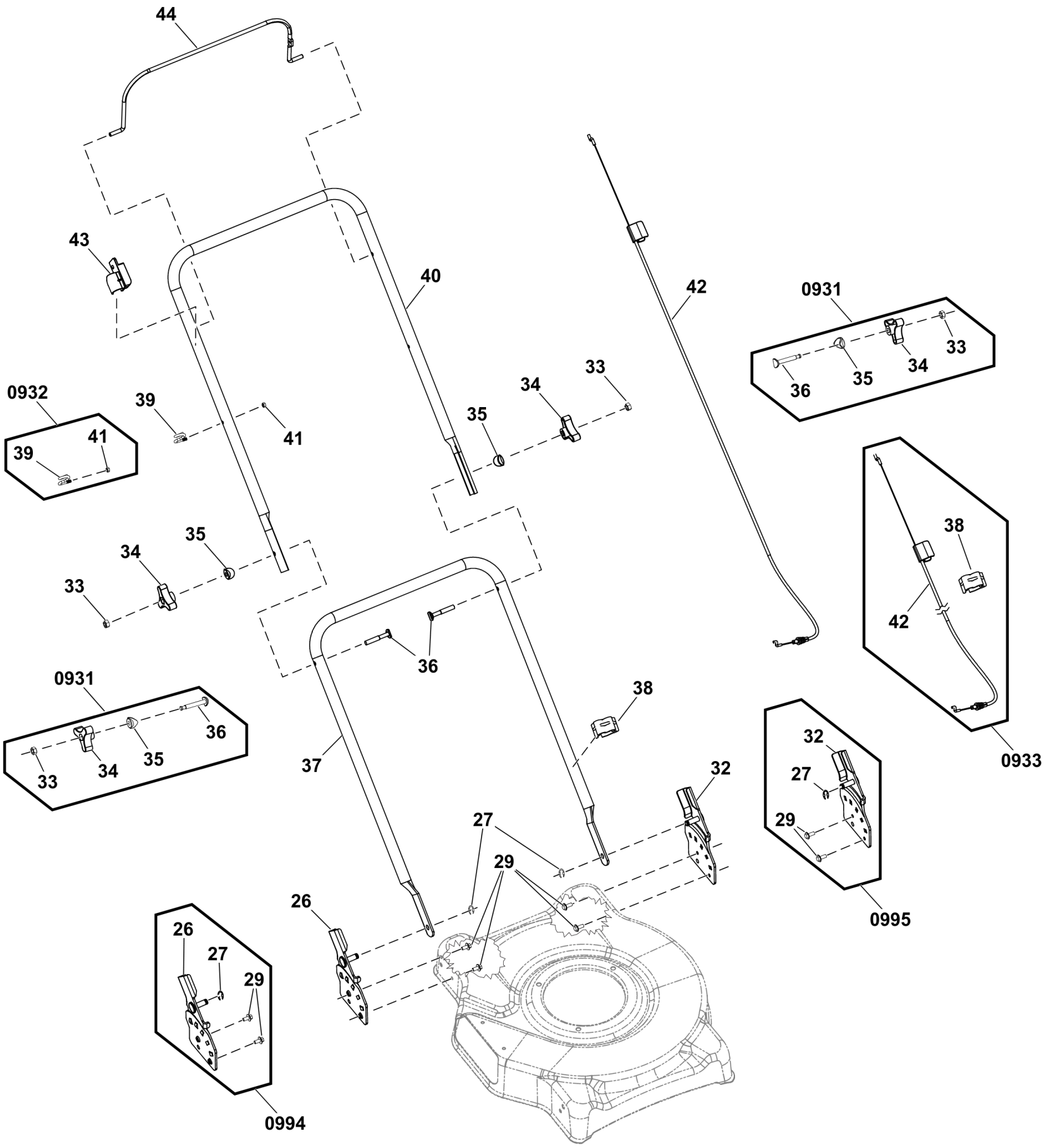
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Handles & Controls Group

REF NO	PART NO	QTY	DESCRIPTION
37	84006776	1	HANDLE, Lower
40	84006777	1	HANDLE, Upper
43	84005228	1	BRACKET, Rod
44	84005227	1	BAIL ASSEMBLY
0931	84005209	2	KIT, Wing Knob, Handle -(Incl. Ref. Nos. 33, 34, 35, 36)
33	-----	1	NUT
34	-----	1	KNOB, Wing
35	-----	1	WASHER, Curved
36	-----	1	BOLT, Carriage
0932	84005211	1	KIT, Rope Guide -(Incl. Ref. Nos. 39, 41)
39	-----	1	GUIDE, Rope
41	-----	1	NUT, Lock
0933	84005208	1	KIT, Cable, Engine Stop -(Incl. Ref. Nos. 38, 42)
38	-----	1	CLIP, Cable
42	-----	1	CABLE, Engine Stop
0994	84006778	1	KIT, Bracket, Right -(Incl. Ref. Nos. 26, 27, 29)
26	-----	1	BRACKET, Handle, Right
27	-----	1	E-CLIP
29	-----	1	BOLT, Hex Head, Flange
0995	84006779	1	KIT, Bracket, Left -(Incl. Ref. Nos. 27, 29, 32)
27	-----	1	E-CLIP
29	-----	1	BOLT, Hex Head, Flange
32	-----	1	BRACKET, Handle, Left

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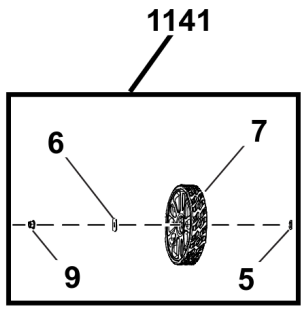
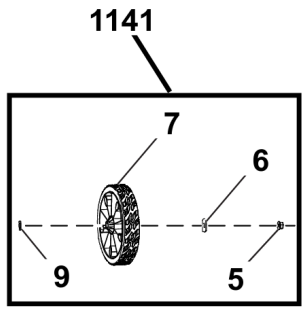
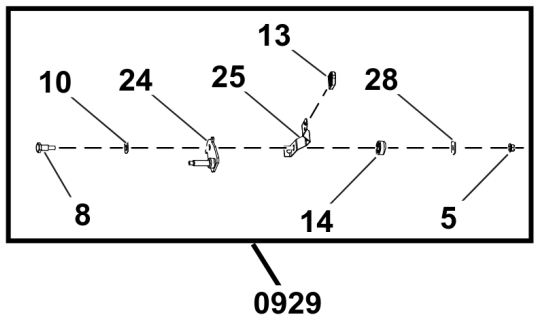
Wheels Group

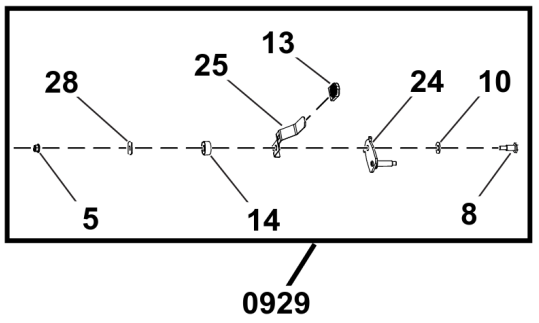
Note: Unless noted otherwise, use the standard torque specifications

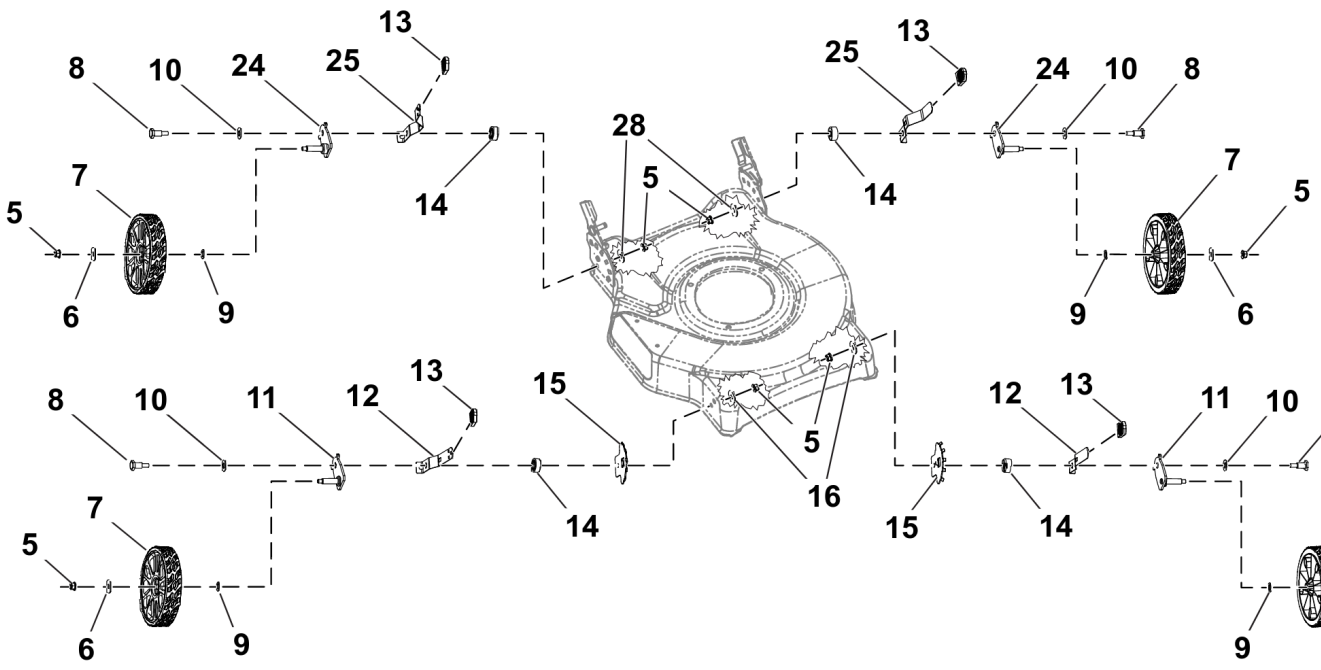
Mfg. No: MNA152506

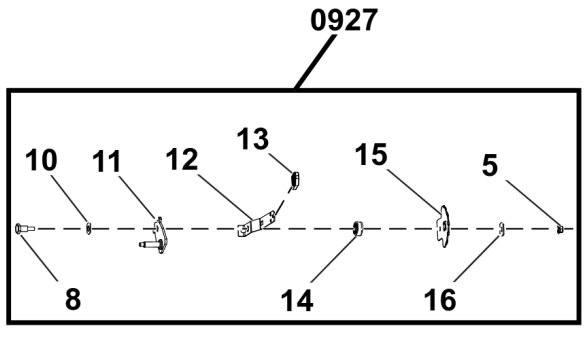


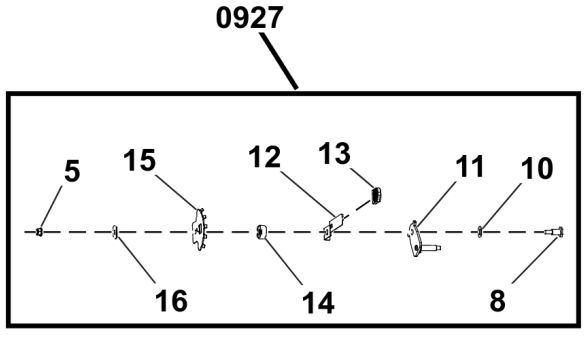


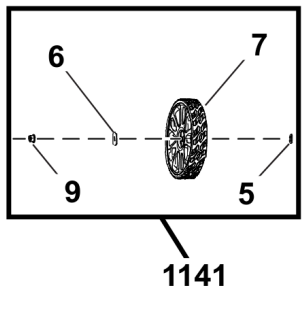


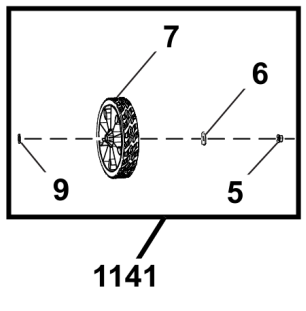












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Wheels Group

REF NO	PART NO	QTY	DESCRIPTION
0927	84006769	2	KIT, Front Axle -(Incl. Ref. Nos. 5, 8, 10, 11, 12, 13, 14, 15, 16)
5	-----	1	NUT, Lock
8	-----	1	BOLT
10	-----	1	WASHER, Flat
11	-----	1	ASSEMBLY, Axle, Front
12	-----	1	LEVER, Height Adjust, Front
13	-----	1	HANDLE, Height Adjust
14	-----	1	SPACER, Height Adjust
15	-----	1	BRACKET, Height Adjust
16	-----	1	WASHER, Flat
0929	84006770	2	KIT, Rear Axle -(Incl. Ref. Nos. 5, 8, 10, 13, 14, 24, 25, 28)
5	-----	1	NUT, Lock
8	-----	1	BOLT
10	-----	1	WASHER, Flat
13	-----	1	HANDLE, Height Adjust
14	-----	1	SPACER, Height Adjust
24	-----	1	ASSEMBLY, Axle, Rear
25	-----	1	LEVER, Height Adjust, Rear
28	-----	1	WASHER, Flat
1141	84006771	4	KIT, Wheel -(Incl. Ref. Nos. 5, 6, 7, 9)
5	-----	1	NUT, Lock
6	-----	1	WASHER, Flat
7	-----	1	WHEEL
9	-----	1	WASHER, Flat

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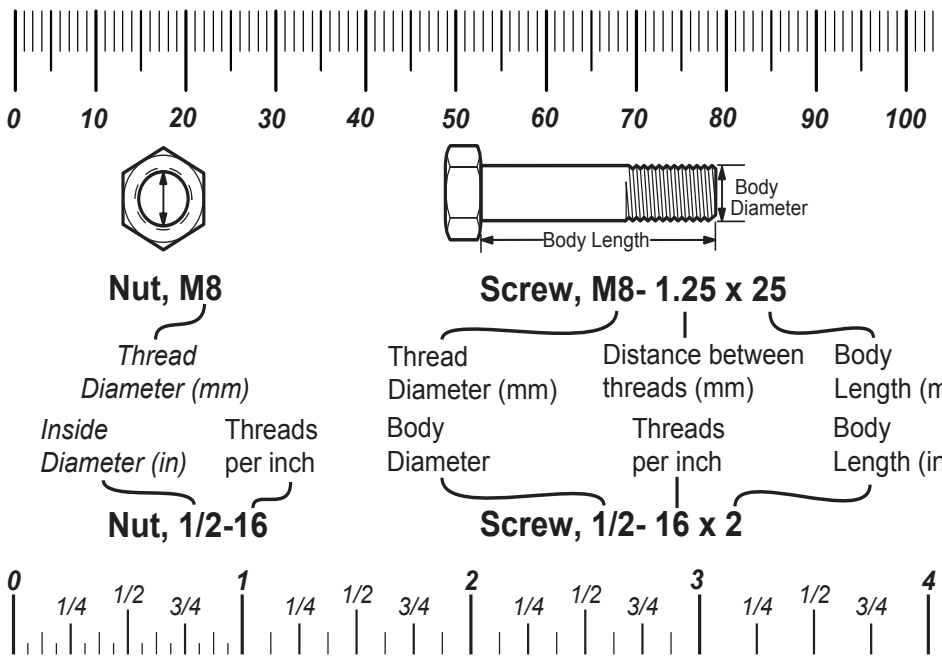
Hardware Identification & Torque Specifications

Torque Specification Chart

FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)

Property Class	5.6 Class 5.6		8.8 Class 8.8		10.9 Class 10.9		12.9 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.



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, (distance between threads).* The final number is the body length of the bolt or screw, 2 inches (50mm).

Torque Specification Chart

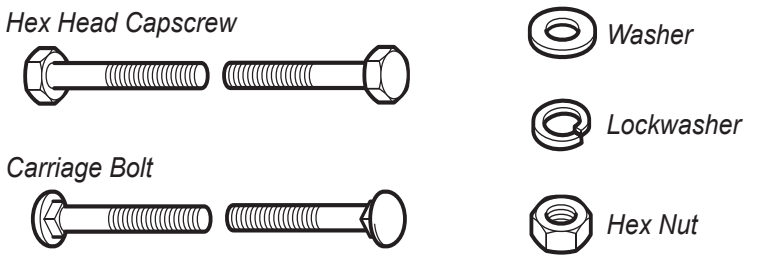
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

Hardware Grade	No Marks 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

1. 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.
2. Recommended seating torque values for locknuts:
   a. for prevailing torque locknuts - use 65% of grade 5 torques.
   b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Common Hardware Types



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—22 mm

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