

Attachment Illustrated Parts List



Attachment

Mfg. No. Description
1694920 42" Snowthrower

Simplicity

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

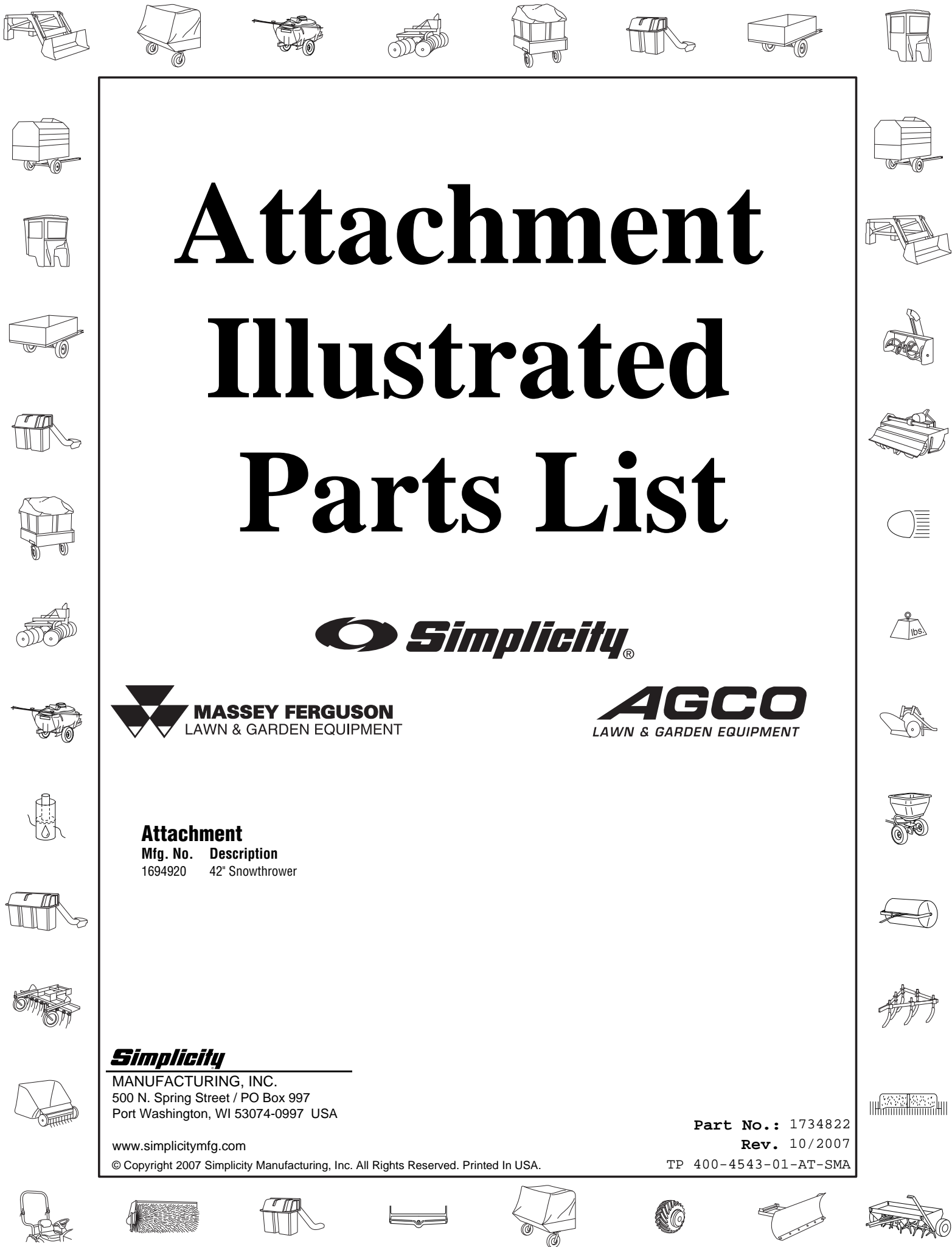
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Part No.: 1734822

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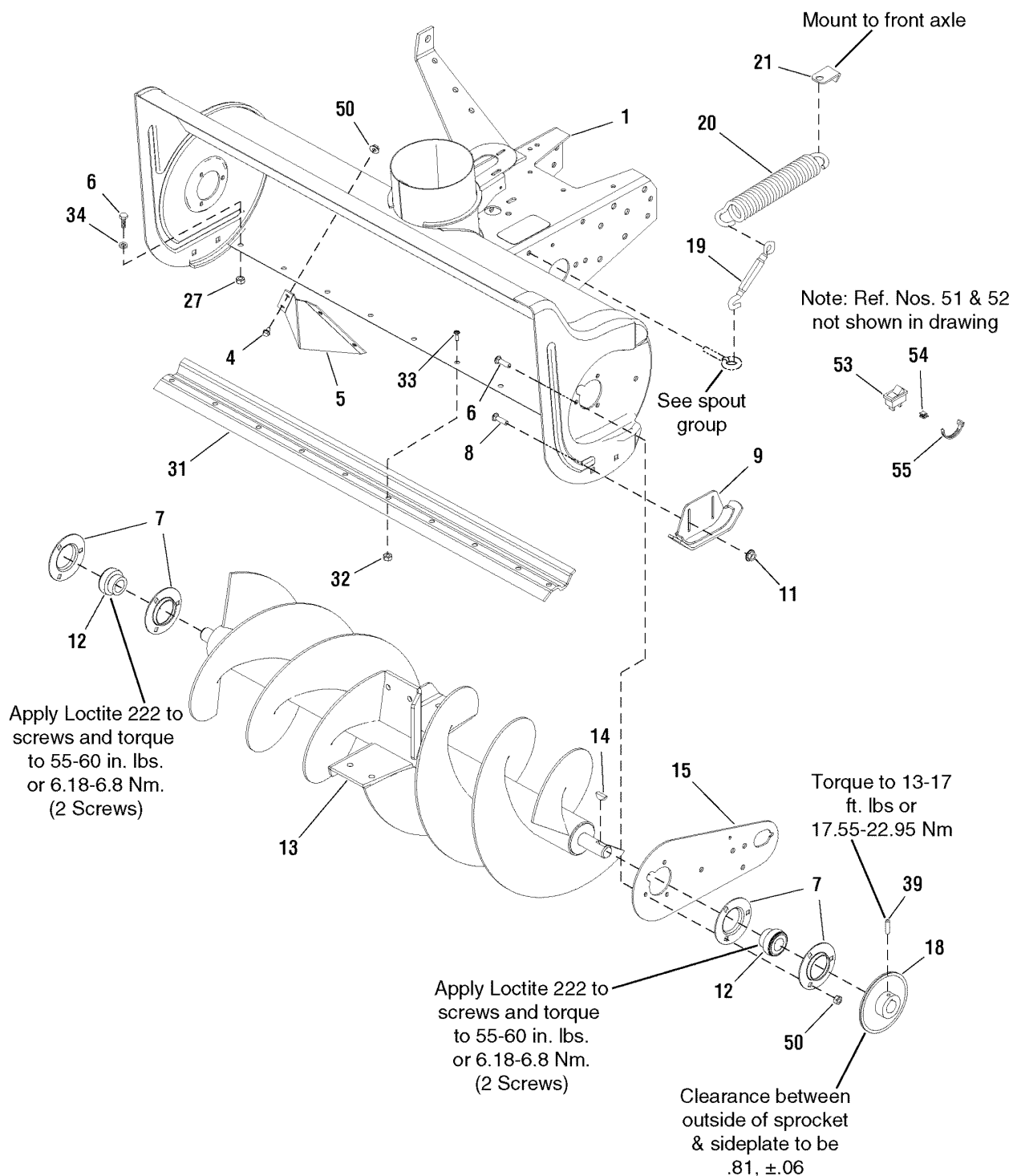


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Body & Rotor Group

987374

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



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

1694920 - 42" Snowthrower

Body & Rotor Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1732806ASM	1	BODY & FRAME ASSEMBLY, 42"
4	1925205SM	4	CAPSCREW, Hex Head, 5/16 - 18 x 5/8, G5
5	2106774ASM	1	DEFLECTOR
6	1921332SM	8	CAPSCREW, Hex Head, 5/16 - 18 x 3/4, G5
7	2172278ASM	4	FLANGE, Bearing
8	1960711SM	4	BOLT, Carriage, .38 - 16 x 3/4
9	1713424ASM	2	SKID ASSEMBLY, with Wear Strip
11	1960687SM	4	NUT, Hex ESNA Flange, .38 - 16
12	1733105SM	2	BEARING
13	1721840ASM	1	ROTOR ASSEMBLY, 42"
14	2151040SM	1	KEY
15	1676632ASM	1	PLATE, Side
18	2106653SM	1	SPROCKET, Rotor
19	1733145SM	1	TURNBUCKLE, 5/16 - 19 x 9-1/4
20	1675232SM	1	SPRING, Extension
21	1732992ASM	1	CLIP, Spring
27	1923362SM	2	NUT, Hex Centerlock, 5/16 - 18
31	2106746ASM	1	BLADE, Scraper, 42"
32	1923358SM	8	NUT, Hex Centerlock, 1/4 - 20
33	1921959SM	8	CAPSCREW, Hex Head
34	1919326SM	2	WASHER, 5/16
39	1928721SM	1	SCREW, Set, 5/16 - 18 x 1/2
50	1931277SM	10	NUT, Hex Whiz Lock Flange, 5/16 - 18
51	1733262SM	1	HARNESS, Wiring Spout Rotate, 42" (Not Shown)
52	1733276SM	1	HARNESS, Wiring Motor/Trailer, 42" (Not Shown)
53	1724210SM	1	SWITCH, Electric Lift Rocker
54	2172434SM	4	CLIP, Wire
55	2825094SM	1	TIE, Self Locking

Footnotes

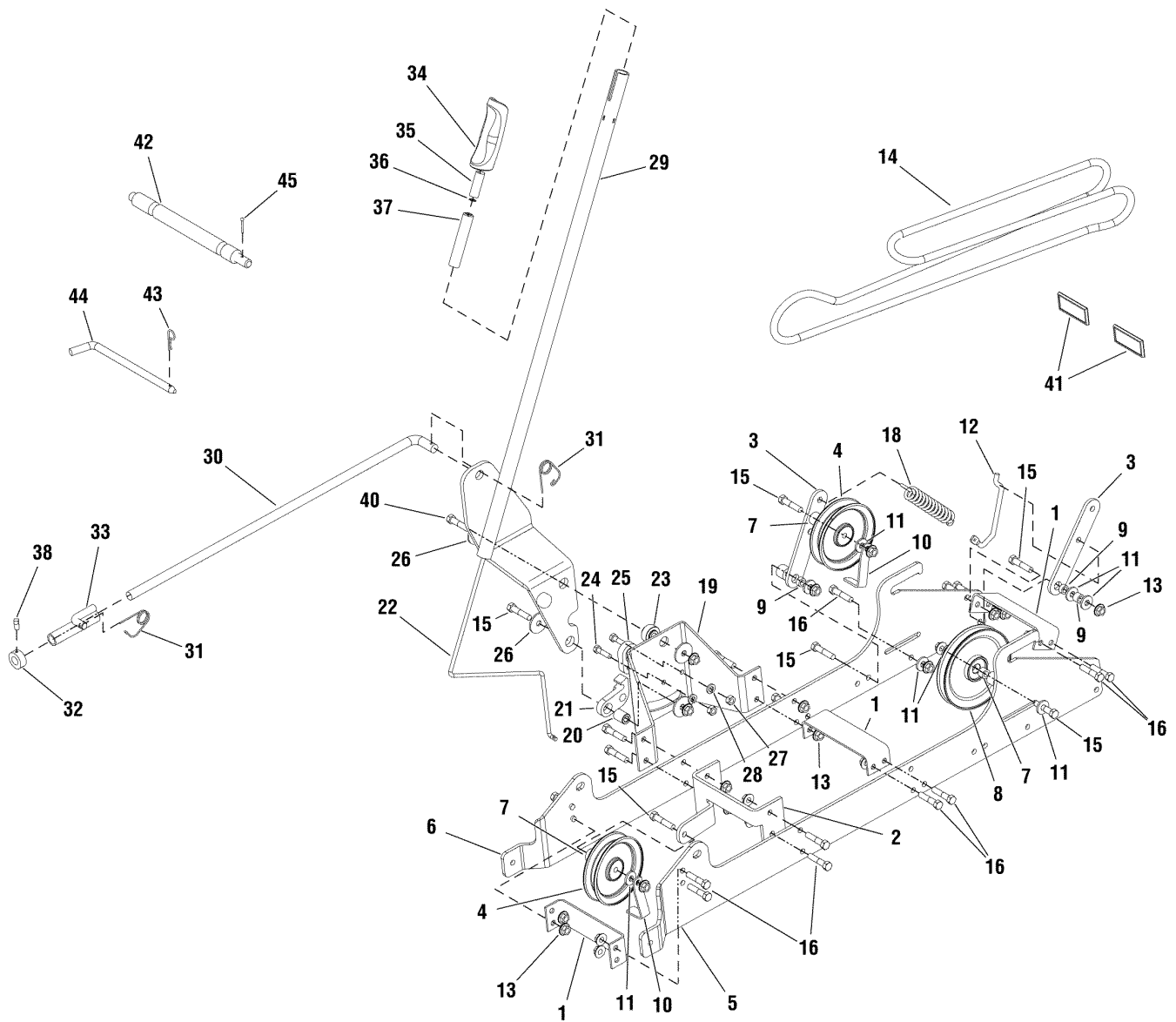
The above parts group applies to the following Mfg. Nos.:

1694920 - 42" Snowthrower

Drive & Hitch Group

987402

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



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

1694920 - 42" Snowthrower

Drive & Hitch Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1733050ASM	3	BRACE
2	1732629ASM	1	FRONT CROSS RAIL
3	1731341ASM	2	ARM
4	2171247SM	2	PULLEY, Idler
5	1732507ASM	1	SIDE PLATE
6	1732508ASM	1	SIDE PLATE
7	1667812SM	4	SPACER
8	1666287SM	1	PULLEY ASSEMBLY
9	1713791SM	3	SPACER
10	2162115SM	2	STOP BELT
11	1922755SM	7	WASHER, Plain
12	1732562SM	1	WIREFORM, Lock
13	1928352SM	23	NUT, Whizlock
14	1724507SM	1	V-BELT
15	1922130SM	7	BOLT, 3/8 - 16 x 2-1/4
16	1922605SM	17	BOLT, 3/8 - 16 x 1-1/4
17	1666294SM	1	SPACER
18	1716853SM	1	SPRING, Tension
19	1733010ASM	1	HANDLE BRACKET
20	1733068SM	1	SPACER
21	1722112SM	1	LOCK, Lift
22	1733018SM	1	ROD, Latch
23	1733031SM	1	PIVOT/SPACER
24	1921977SM	2	BOLT, 5/16 - 18 x 1-1/4
25	1721581SM	1	QUADRANT LIFT
26	1924356SM	5	WASHER
27	1917372SM	2	NUT, 5/16
28	1917356SM	2	LOCKWASHER, 5/16
29	1733061ASM	1	HANDLE WELDMENT
30	1733088SM	1	ROD, Lift
31	2176012SM	2	CLIP, Safety
32	1729258SM	1	COLLAR
33	1723115SM	1	GUIDE, Rod Assembly
34	1722291SM	1	GRIP, Lift Handle
35	1723124SM	1	BUTTON
36	1960674SM	1	NUT, Push
37	1723321SM	1	SPRING
38	1928721SM	1	SCREW, Set
40	1921969SM	1	BOLT, 3/8 - 16 x 1-1/2
41	1701600SM	2	REFLECTOR, Red
42	1732420SM	1	SHAFT
43	1918196SM	1	PIN
44	1731414SM	1	ROD, Latch
45	1918452SM	1	PIN, Cotter

Footnotes

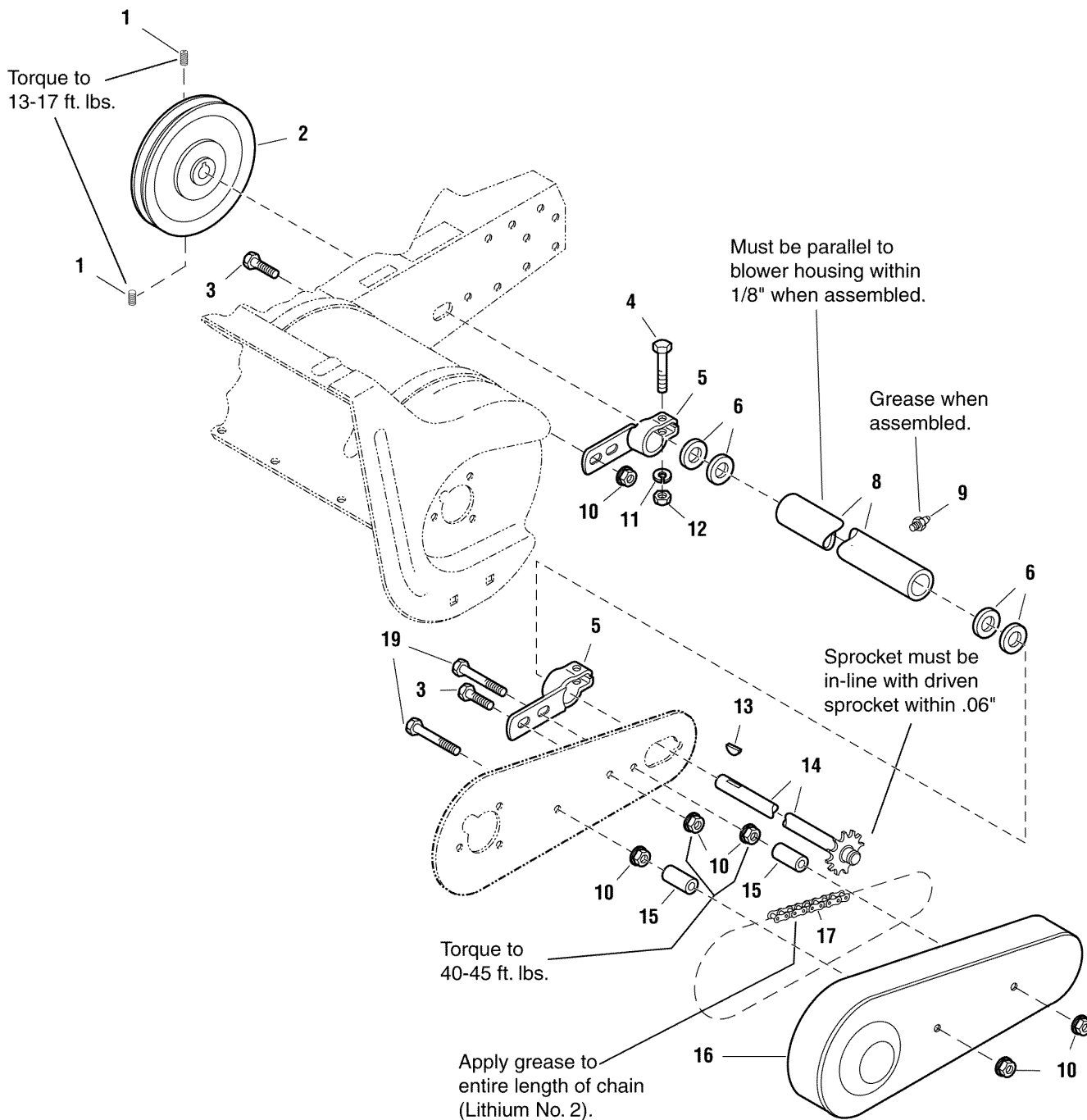
The above parts group applies to the following Mfg. Nos.:

1694920 - 42" Snowthrower

Drive Group

987375

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



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

1694920 - 42" Snowthrower

Drive Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1930540SM	2	SCREW, Set Square Head, 16 - 18 x 5/8, G8
2	2171248SM	1	PULLEY, 7 O.D. 3/4 x 7/8 with Hub
3	1934654SM	3	SCREW, Hex Whiz Lock Flange, 3/8 - 16 x 1
4	1922127SM	2	CAPSCREW, Hex Head, 5/16 - 18 x 1-3/4
5	1666145ASM	2	CLAMP, Housing, 1-1/4 DIA Shaft
6	1729259SM	4	WASHER
8	1650955SM	1	HOUSING ASSEMBLY, with Bearings
9	2821133SM	1	FITTING, Grease
10	1928352SM	7	LOCKNUT, Flange
11	1917356SM	2	LOCKWASHER, 5/16
12	1917372SM	2	NUT, Hex, 5/16 - 18
13	2805123SM	1	KEY, Woodruff, 3/16 x 3/4
14	2106757SM	1	SHAFT & SPROCKET ASSEMBLY, Snow
15	1669105ASM	2	SPACER
16	1676738ASM	1	CHAIN, Guard
17	2171242SM	1	CHAIN, Auger Drive, #40, 32" Long, 64 Pitch
19	1913709SM	2	CAPSCREW, .38 - 13 x 3

Footnotes

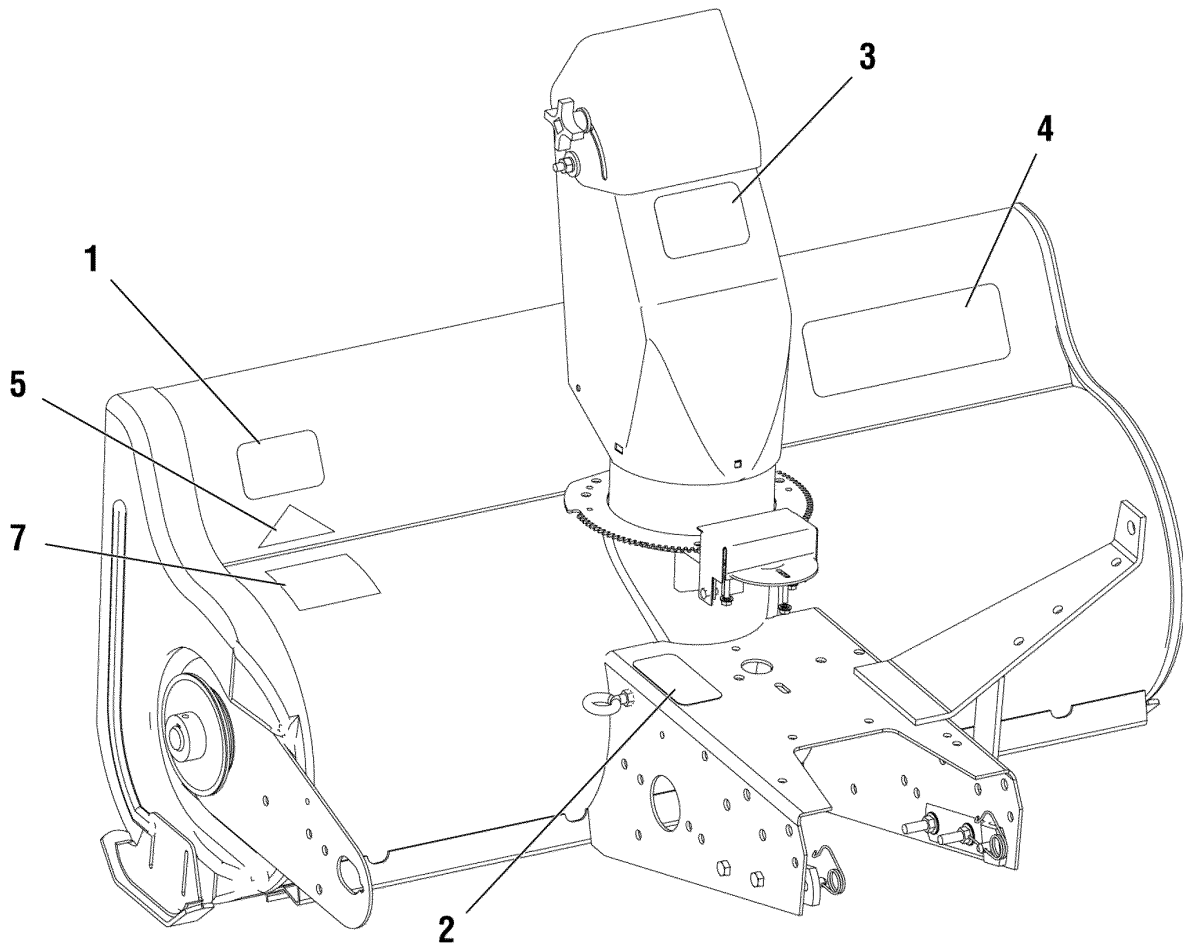
The above parts group applies to the following Mfg. Nos.:

1694920 - 42" Snowthrower

Miscellaneous Group

987379

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



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

1694920 - 42" Snowthrower

Miscellaneous Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1716532SM	1	DECAL, Safety
2	-----	1	DECAL, I.D. Plate (Not Servicable)
3	1722674SM	1	DECAL, Danger Blower
4	1716531SM	1	DECAL, Warning
5	-----	1	DECAL, OPEI (Not Servicable)
7	1716540SM	1	DECAL, Caution

Footnotes

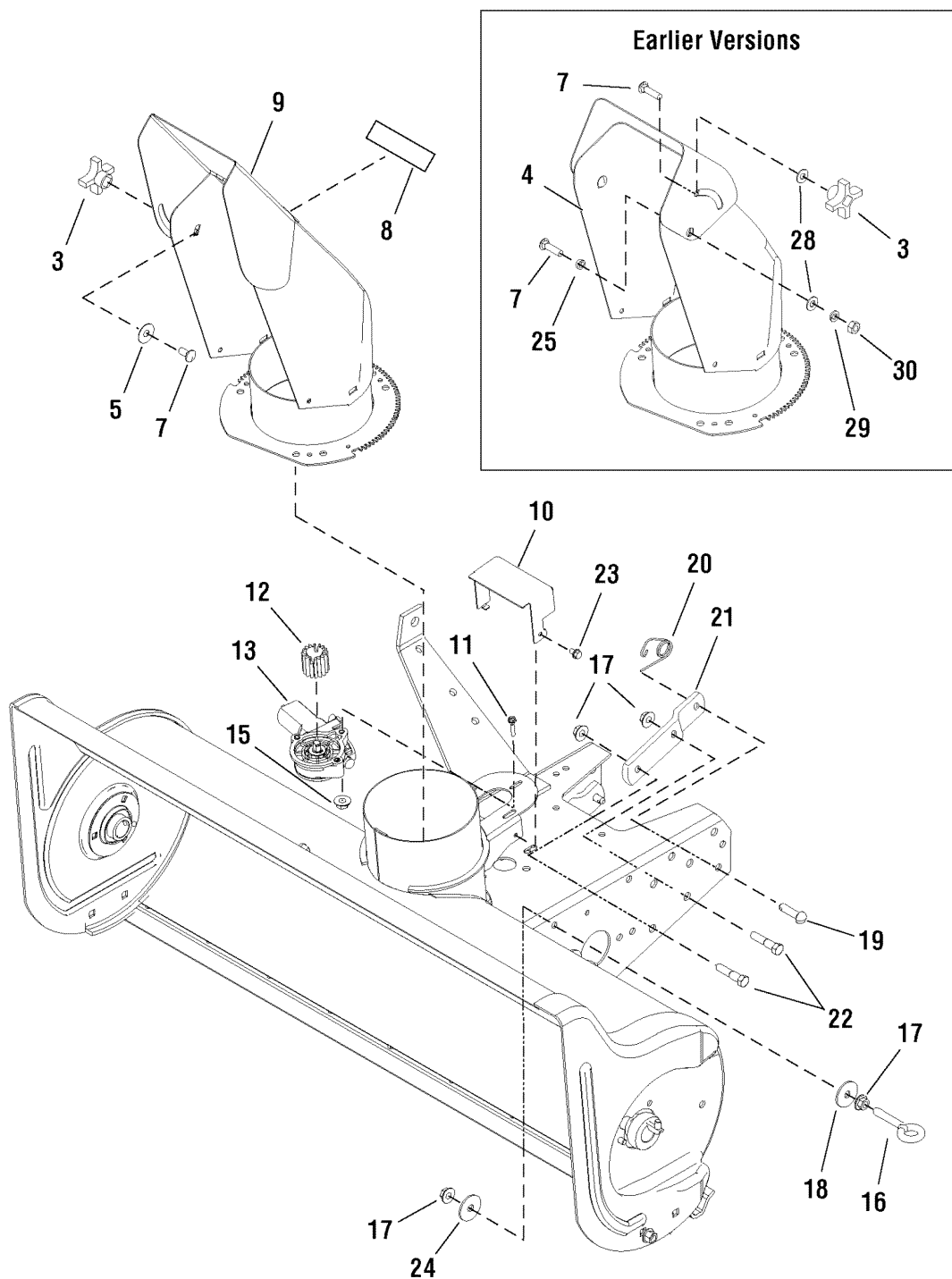
The above parts group applies to the following Mfg. Nos.:

1694920 - 42" Snowthrower

Spout Group

987378

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use the standard hardware torque
specification chart.



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

1694920 - 42" Snowthrower

Spout Group

REF NO	PART NO.	QTY.	DESCRIPTION
3	1670578SM	1	KNOB, 5/16 Internal Thread
4	1732862ASM	1	CHUTE ASSEMBLY Used on earlier models
5	2860210SM	1	WASHER, Nylon
7	1931333SM	1	BOLT, Carriage, 5/16 - 18 x 3/4
8	1733600SM	2	DECAL, Hinge
9	1733908ASM	1	CHUTE ASSEMBLY
10	1733934ASM	1	GEAR COVER
11	2860604SM	3	SCREW, 10 - 24
12	1728967SM	1	PINION GEAR
13	1728965SM	1	ELECTRIC MOTOR
15	1960745SM	3	NUT, 10 - 24
16	1733143SM	1	EYEBOLT, 3/8 - 16
17	1928352SM	6	NUT, .36 - 16
18	1924356SM	2	WASHER, 3/8 x 1-1/2 x 1/8
19	2156306SM	2	PIN, Clevis, 3/8
20	2176012SM	2	CLIP, Spring
21	2177565ASM	2	CLIP FRAME
22	1721210SM	4	BOLT, 3/8 - 16 x 1-1/2
23	1927428SM	1	SCREW, Taptite, 1/4 - 20 x 3/8
24	1922755SM	1	WASHER, Plain, .41 x 1 x 1/8
25	1667790SM	2	SPACER Used on earlier models
28	1919326SM	2	WASHER, Flat 5/16 Used on earlier models
29	1917356SM	2	WASHER, Lock 5/16 Used on earlier models
30	1917372SM	2	NUT, Hex 5/16-18 Used on earlier models

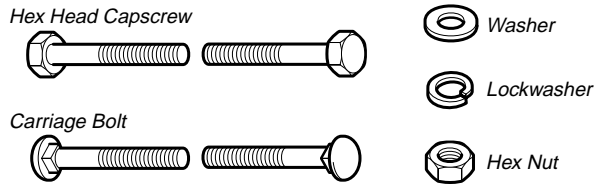
Footnotes

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

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Hardware Identification & Torque Specifications

Common Hardware Types

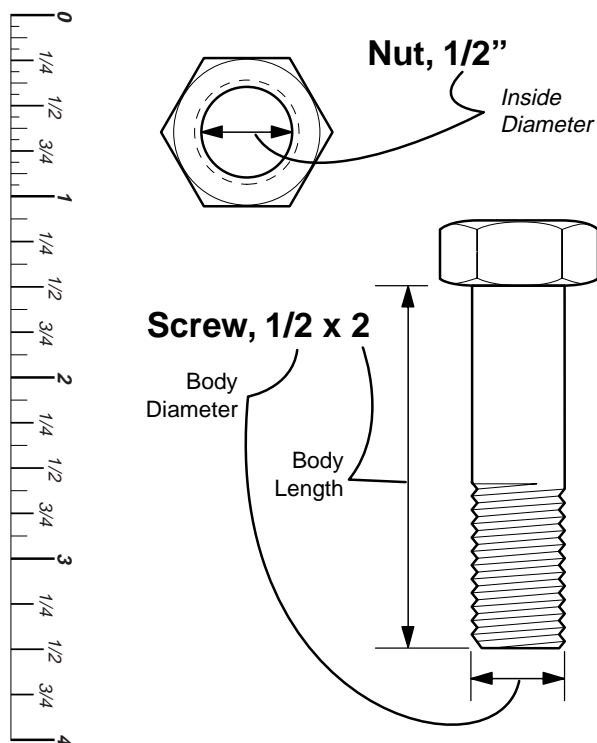


Standard Hardware Sizing

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 represent 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 ± 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

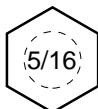
NOTES

- 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.

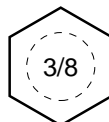
Wrench & Fastener Size Guide



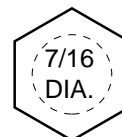
1/4" Bolt or Nut
Wrench—7/16"



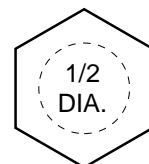
5/16" Bolt or Nut
Wrench—1/2"



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"

