



Parts Manual

Mfg. No: 21545x6A
Walk-Behind Mower (1996)

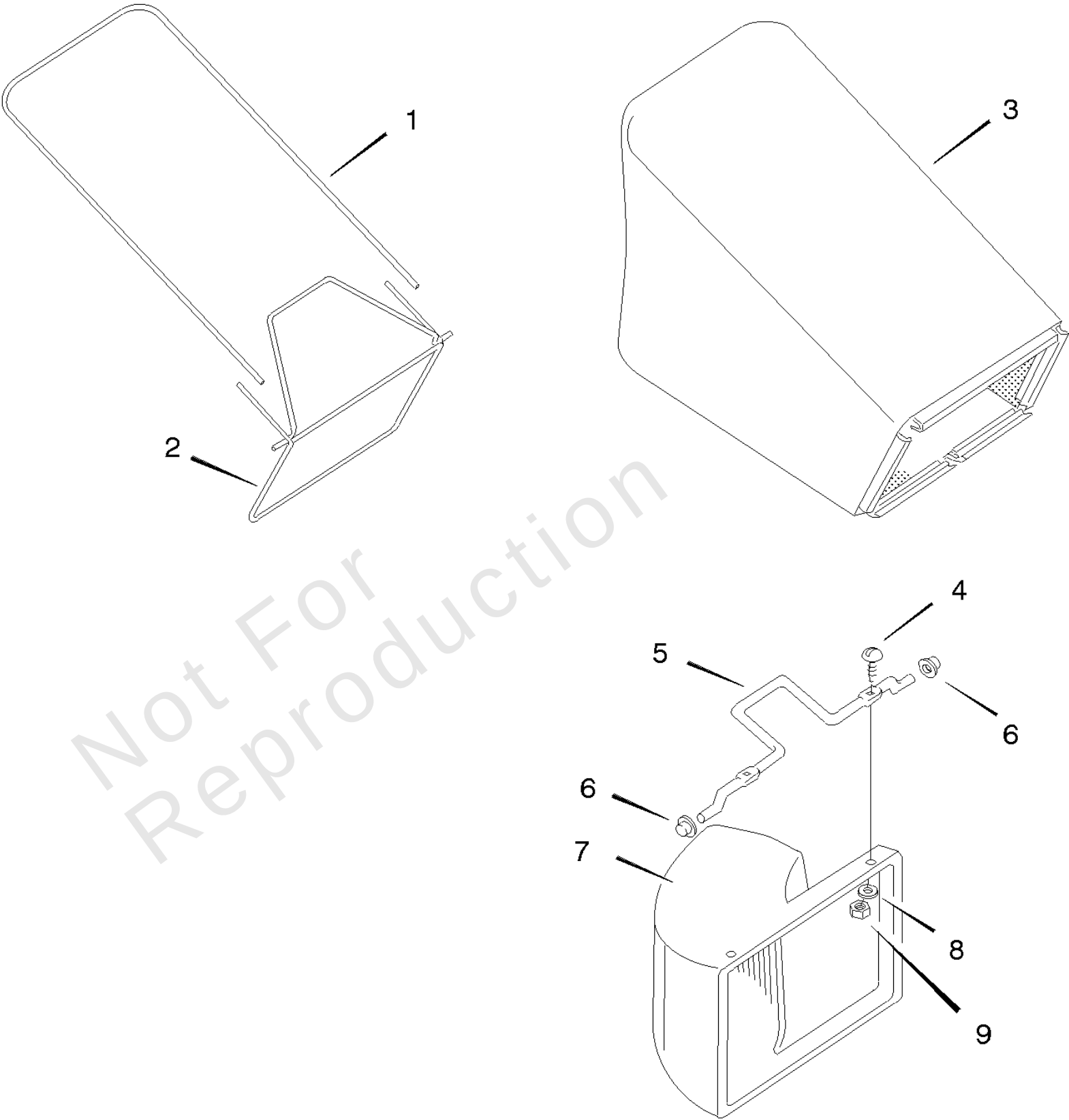
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Not For
Reproduction

Bag Assembly

Note: Unless noted otherwise, use the standard torque specifications

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Bag Assembly

REF NO	PART NO	QTY	DESCRIPTION
1	071592MA		TUBE-BAG TOP 20RB
2	043666		Frame Assembly
3	071589MA		Bag, Cloth
4	004X21MA		Screw
5	043755 Z		Frame Assembly
6	028X39MA		Push On Cap
7	043754		Side Discharge Attachment * -(Optional)
8	17X173		Washer
9	15X102MA		Nut

Not For
Reproduction

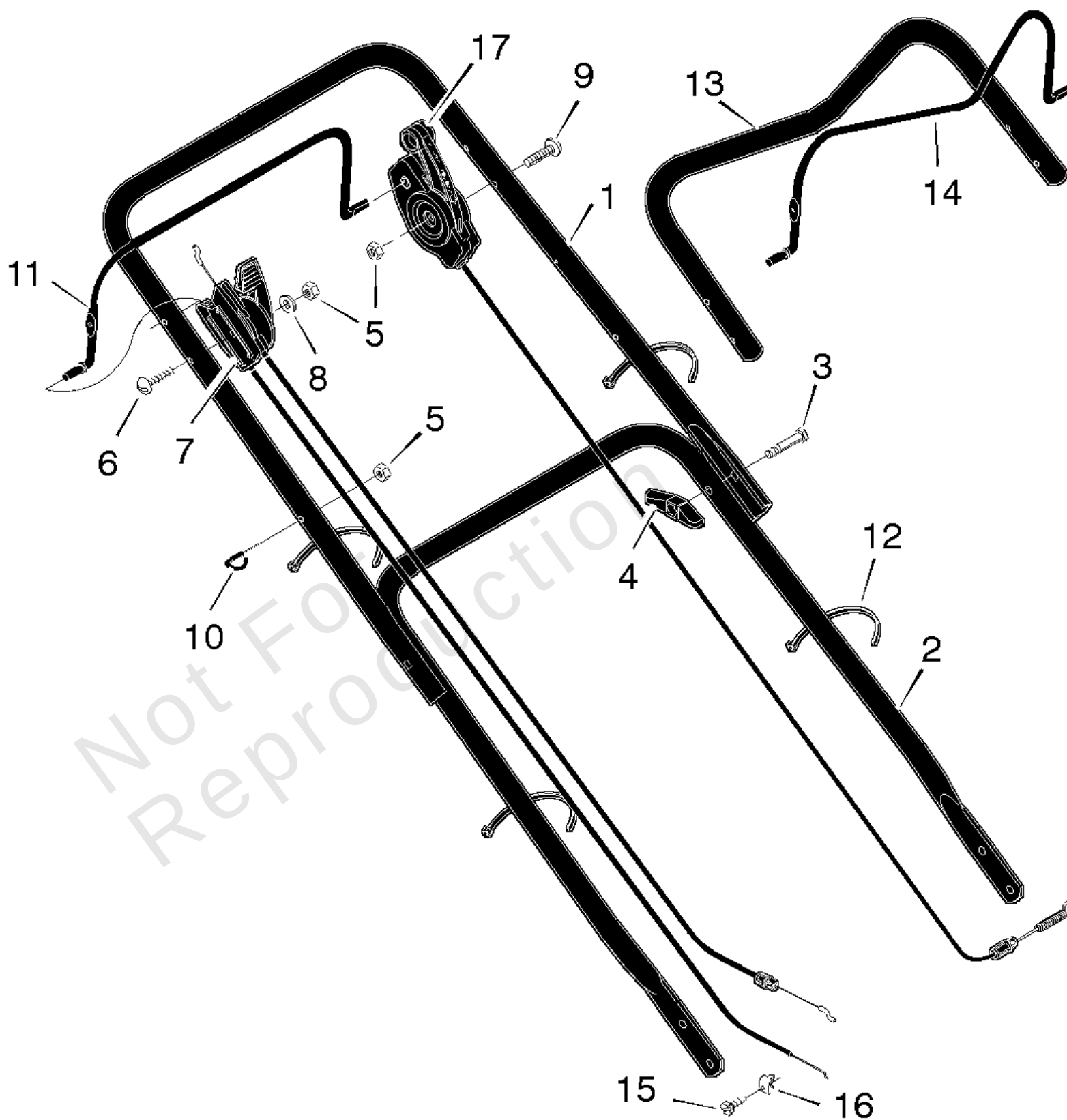
Footnotes:

Note* Model 24072A Side Discharge Attachment. This optional accessory gives you the option of discharging the grass to the side.

Handle Assembly

Note: Unless noted otherwise, use the standard torque specifications

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Handle Assembly

REF NO	PART NO	QTY	DESCRIPTION
1	071581E701MA		HANDLE UPPER 22SD P,S
--	71581E724		Handle, Upper-Straight (Gray)
2	071137E701MA		LOWER HANDLE 21/22 MA
--	071137E701MA		LOWER HANDLE 21/22 MA
3	002X77MA		Bolt
4	071294		Knob, Plastic
5	15X116MA		Locknut
6	03X128		Screw
7	071864MA		Throttle Control and Stop Cable -(For Models with Briggs & Stratton engines.)
--	071862MA		Throttle Control and -(For Models with Tecumseh engines.)
8	017X37MA		Washer
9	03X144		Screw
10	043956MA		GUIDE, ROPE
11	071794E700		Stop Lever - Straight
12	071372MA		TIE,STRAP-REMOVABLE
13	071580E701MA		Handle, Upper- Curved (Black)
--	71580E724		Handle, Upper- Curved (Gray)
14	071794E700		Stop Lever - Curved
15	26X268MA		Screw *
16	042294		Clamp -(For Models with Briggs & Stratton engines)
17	071806		Drive Control

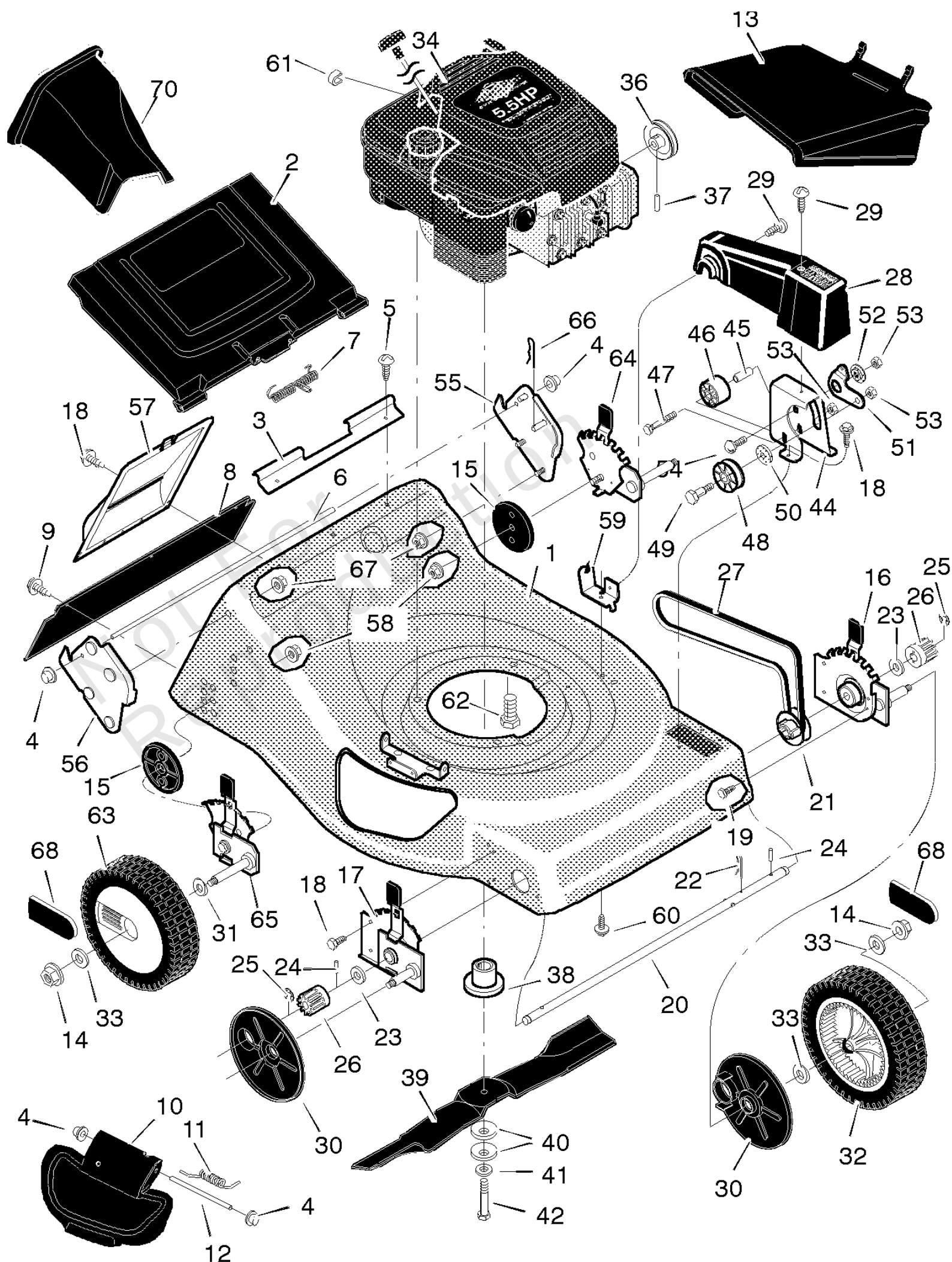
Footnotes:

Note* For Models with Briggs & Stratton engines.

Mower Housing Assembly

Note: Unless noted otherwise, use the standard torque specifications

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Mower Housing Assembly

REF NO	PART NO	QTY	DESCRIPTION
1	070150		Housing
2	071409		Door, Rear
3	071410MA		Spacer, Door
4	028X42MA		Push On Cap
5	26X259MA		Screw
6	215X14 Z		Rod, Door Pivot
7	166X33MA		Spring, Torsion
8	043640		Guard, Rear
9	26X245MA		SCREW-#10X.5 B W/WAS
10	071769		Cover, Mulcher
11	166X38MA		Spring, Torsion
12	215X16 Z		Rod
13	071770MA		Deflector, Chute
14	015X84MA		Locknut, Flange
15	043784MA		Spacer
16	401031		Height Adjuster, Left Front
17	401030MA		Height Adjuster, Right Front
18	26X263MA		SCREW.25-20 S-T
19	26X185		Screw
20	071790		Axle
21	071791MA		Pulley
22	0031X9MA		Hair Pin
23	17X186MA		Washer
24	043629MA		Pin, Drive
25	011X16MA		Ring, Retainer
26	071792MA		Gear, Pinion
27	037X84MA		Belt, Briggs Engine
--	037X85MA		Belt, Tecumseh Engine
28	071768MA		Cover, Belt
29	26X279MA		Screw
30	071780MA		Cover, Dust
31	17X1202		Washer
32	043617		Wheel, Drive
33	17X169MA		Washer
34	-----		Engine *
36	071434MA		Pulley, Engine
37	032X64MA		Pin, Spring
38	071056MA		Adapter, Blade
39	071584E701MA		Blade
40	17X137MA		Washer, Belleville
41	17X124MA		Washer
42	01X142MA		Bolt
44	071745 Z		Bracket, Idler
45	071793MA		Bearing
46	071778MA		Pulley, Idler
47	001X81MA		Bolt
48	071779MA		Pulley, Idler
49	009X50MA		Bolt, Shoulder

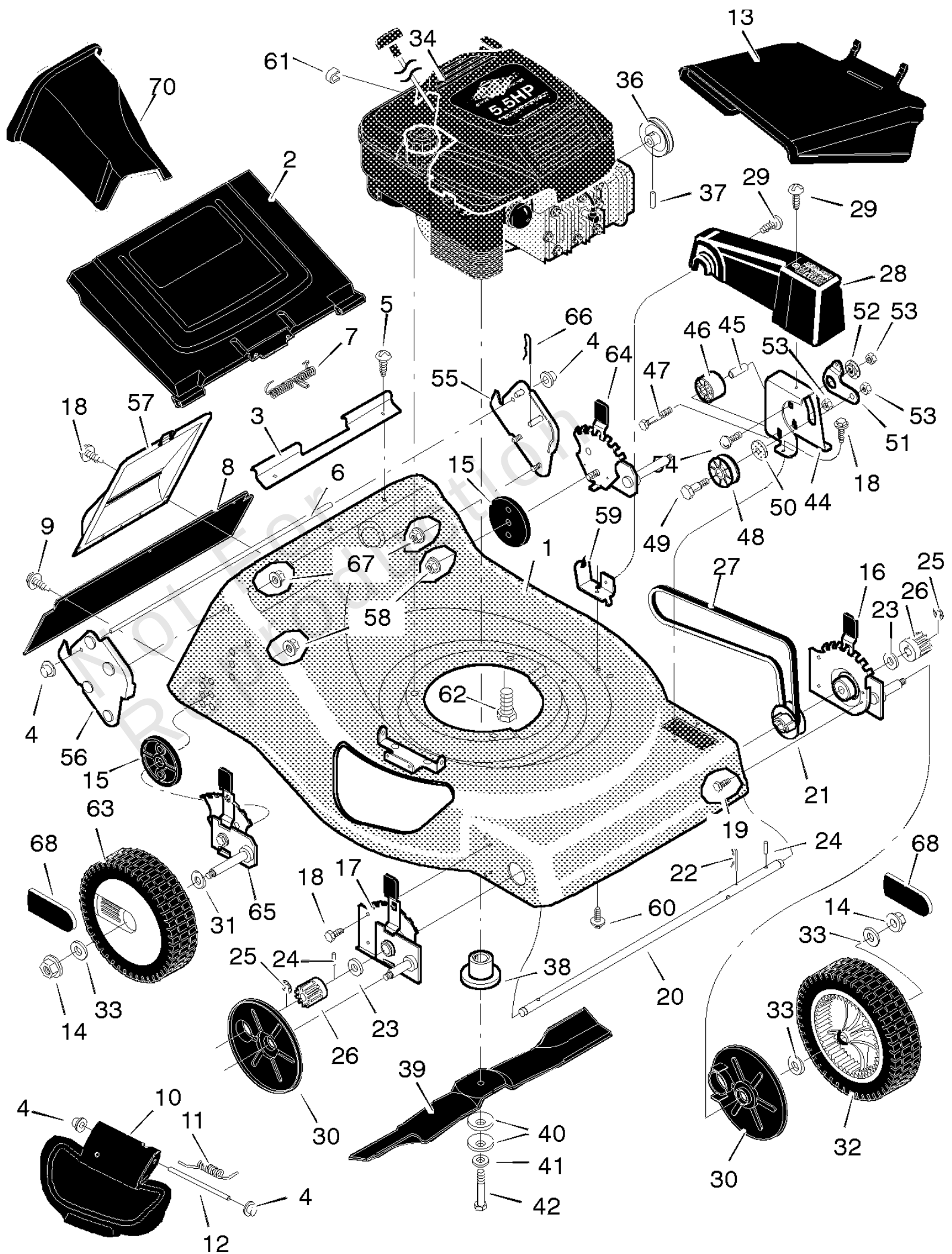
Footnotes:

Note* Parts are available from an Authorized Engine Service Center. See "Engines, Gasoline" or "Gasoline Engines" in the yellow pages of the telephone directory.

Mower Housing Assembly

Note: Unless noted otherwise, use the standard torque specifications

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Mower Housing Assembly

REF NO	PART NO	QTY	DESCRIPTION
50	071788MA		Spacer
51	71742 Z		Arm, Idler
52	071789MA		Spacer
53	015X43MA		Locknut
54	002X53MA		Bolt, Carriage
55	71097E701		Handle Bracket, Left
56	71096E701		Handle Bracket, Right
57	71246E701		Cover, Transmission
58	015X68MA		Nut, Flange
59	717442		Cable Bracket
60	26X263MA		SCREW.25-20 S-T
61	042189MA		Stop, Rope
62	0025X6MA		Bolt, Engine Mount
63	043618MA		WHEEL & TIRE ASSEMBLY, White, 8"
--	071132MA		Wheel, Rear- Gray
64	401025MA		Height Adjuster, Rear
65	-----		UNKNOWN
66	031X10MA		Pin, Hair
67	015X79MA		Nut, Hex
68	043615MA		Hub Cap -(Optional)
--	F-96430		Instruction Book
70	071250MA		MULCHER PLUG-SMALL

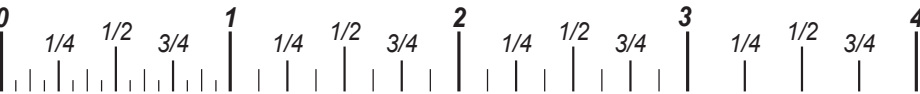
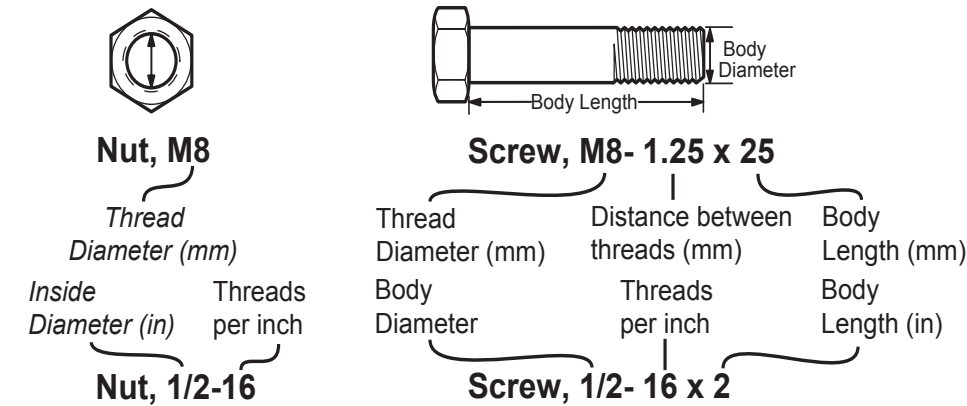
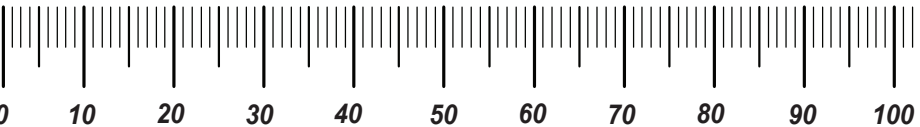
Footnotes:

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Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 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.



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).

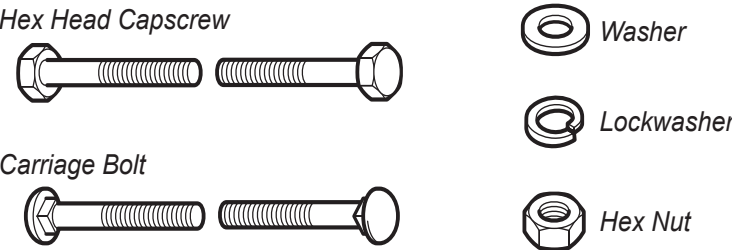
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)						
Hardware Grade	 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



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

