

Parts Manual

Mfg. No: 46764
48" 2-Bag Collection System

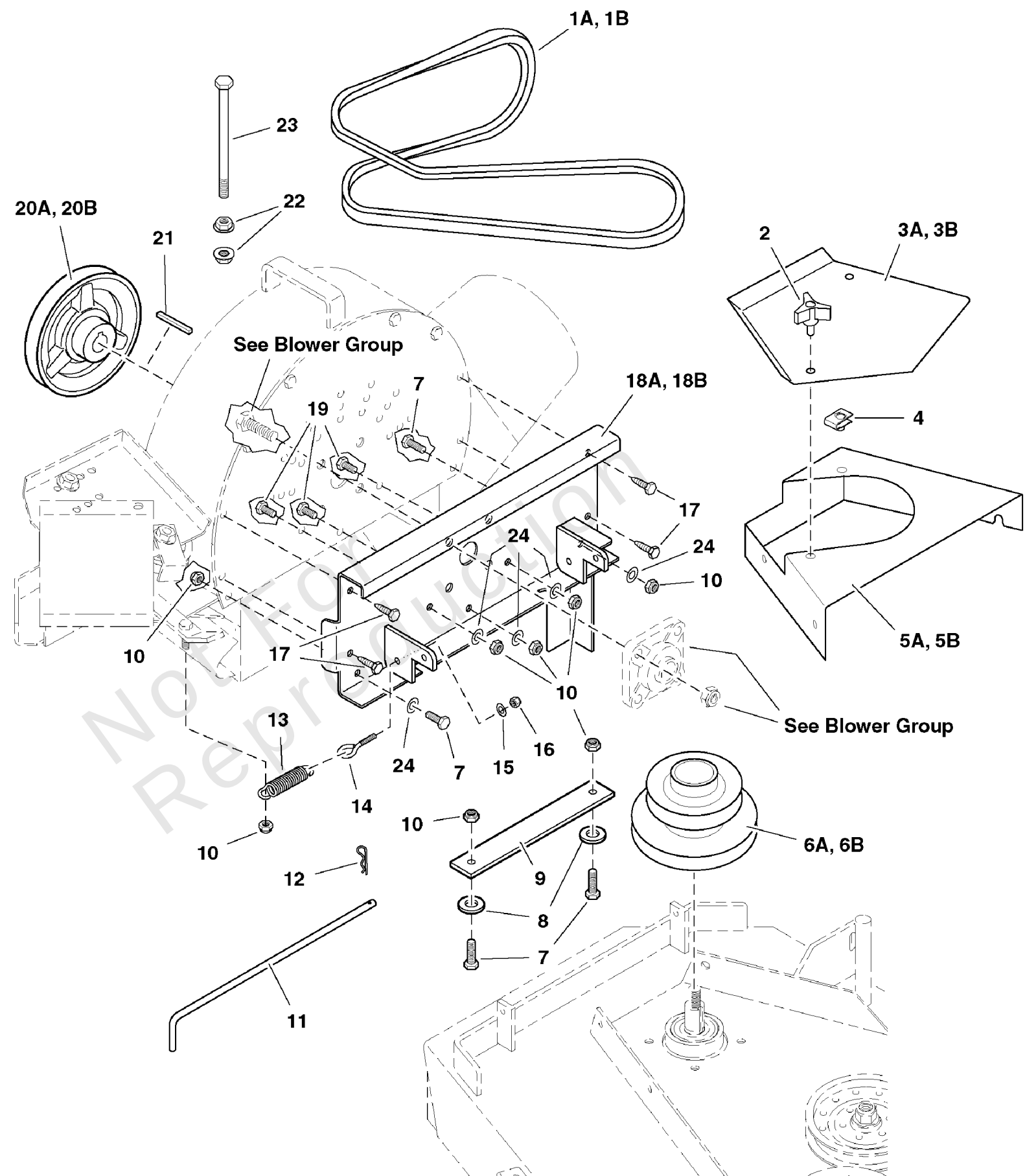
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Not For
Reproduction

48" & 52" Blower Mount & Drive Group

Note: Unless noted otherwise, use the standard torque specifications

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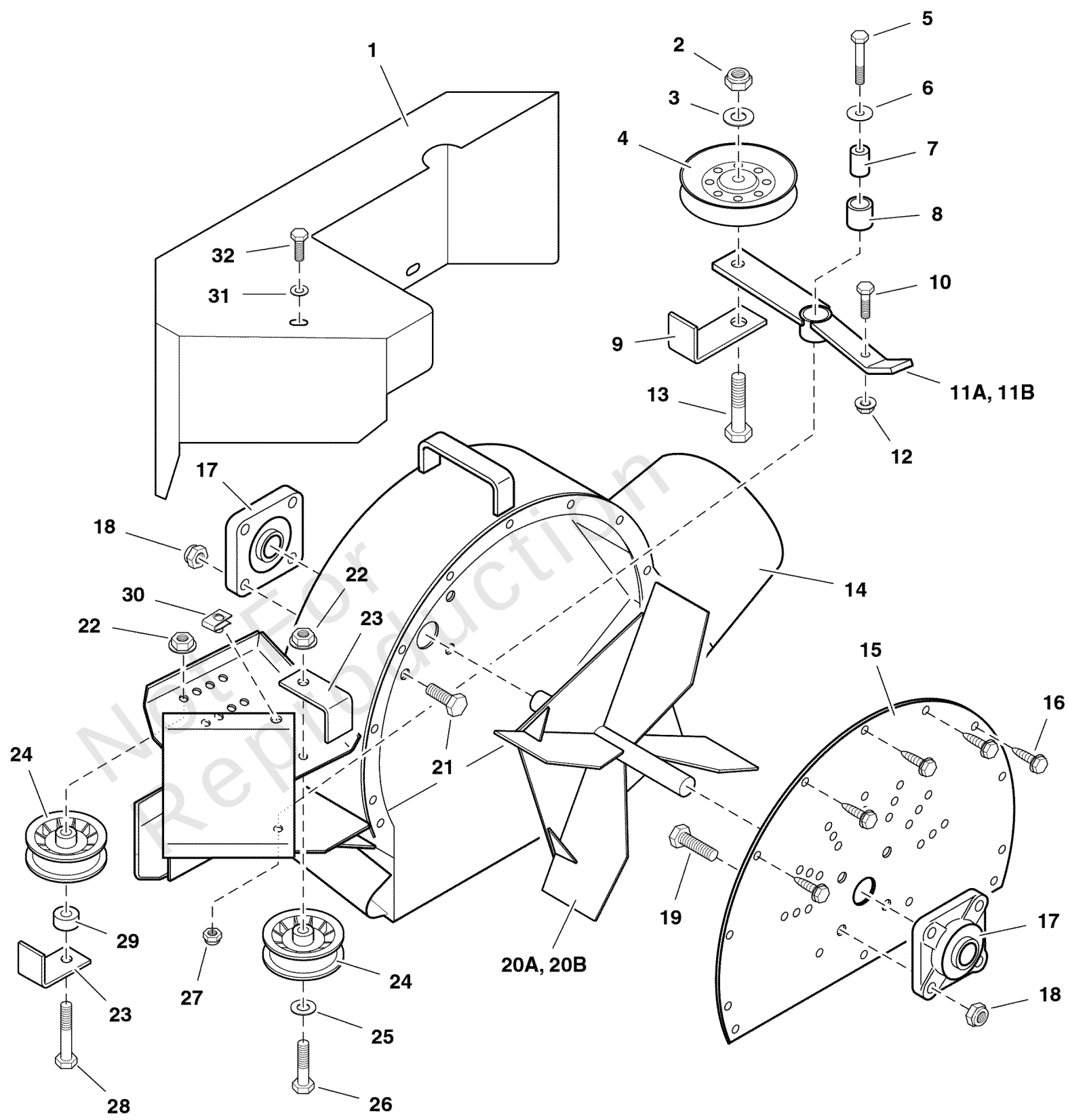
48" & 52" Blower Mount & Drive Group

REF NO	PART NO	QTY	DESCRIPTION
1A	5022844SM	1	BELT, #7-6718, 92.0"
1B	5021006SM	1	BELT, #7-6717, 88.8"
2	5022319SM	2	KNOB, PLASTIC, 5/16-1
3A	502846725	1	BELT SHIELD (31207 - all)(31207-48 - S/N: 101-160)(31207-52 - S/N: 101-140)
3B	502847257	1	BELT SHIELD (31207-48 - S/N: 161 & up)(31207-52 - S/N: 141 & up)
4	5022308SM	2	BODY CLIP, 5/16-18 X
5A	502846724	1	DECK GUARD (31207 - all)(31207-48 - S/N: 101-160)(31207-52 - S/N: 101-140)
5B	502847256	1	DECK GUARD (31207-48 - S/N: 161 & up)(31207-52 - S/N: 141 & up)
6A	5046762SM	1	SPINDLE PULLEY, 48" (bright zinc finish)
*	5023176SM	1	PULLEY, BLOWER 48" DE
6B	5046763SM	1	SPINDLE PULLEY, 52" (bright zinc finish)
*	5023177SM	1	PULLEY, BLOWER 52" DE
7	703570	4	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
8	5025341	2	WASHER
9	502846788	1	QUICK CONNECT BAR
10	5025057SM	8	NUT, Hex, Nylon Lock, 5/16-18
11	5046773	1	QUICK CONNECT ROD
12	1918196SM	1	HAIRPIN CLIP
13	5020807SM	1	SPRING, EXTENSION
14	5022205SM	1	EYEBOLT, 1/4-20 X 2
15	703332	1	WASHER
16	5025095SM	1	NUT, 1/4-20 HEX NYLON
17	5025059X6	4	SCREW, Self-tapping, 5/16-18 x 3/4
18A	5046733ASM	1	48" BLOWER MOUNT
18B	502846875	1	52" BLOWER MOUNT
19	5025011X6SM	3	BOLT, 5/16-18 X 3/4"
20A	5046806SM	1	PULLEY, BLOWER AXLE,
20B	5046807	1	PULLEY, BLOWER AXLE, 52
21	5022726	1	KEY, 1/4 Sq. x 1-1/2
22	5025128SM	2	NUT, 3/8-16 HEX SERRA
23	5025013X48SM	1	BOLT, 3/8-16 X 6" GD5
24	703302	5	WASHER, 5/16

Blower Housing, Impeller, Guard & Idler Group

Note: Unless noted otherwise, use the standard torque specifications

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Blower Housing, Impeller, Guard & Idler Group

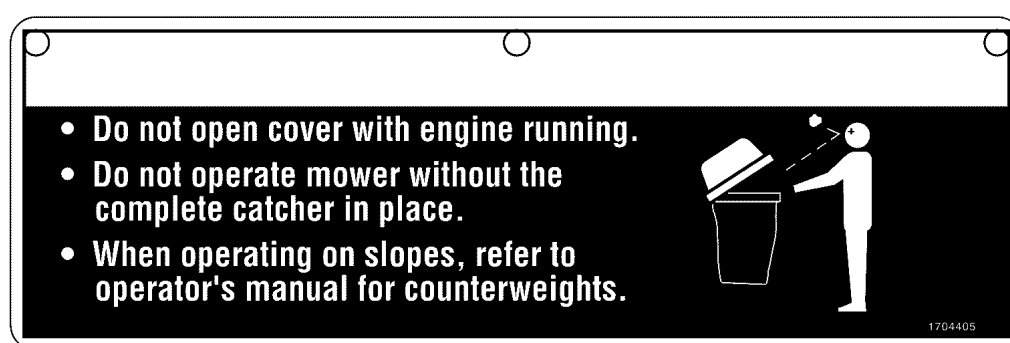
REF NO	PART NO	QTY	DESCRIPTION
1	5046782A	1	BELT GUARD
2	5025056	1	NUT, 1/2-13 HEX NYLON LOCK
3	5025158	1	WASHER, 1/2 SAE
4	5021097	1	PULLEY, V-Idler
5	5025011X14	1	BOLT, 5/16-18 x 1-3/4
6	5025164	1	WASHER, 5/16" Fender
7	5042134	1	SPACER, .32 x .75 x 1.06
8	5020876B	1	BUSHING, Brass
9	5046824A	1	BELT KEEP
10	5025011X10	1	BOLT, 5/16-18 x 1-1/4
11a	5046827A	1	IDLER ARM -(31207, All / 31207-48, S/N: 101-160 / 31207-52, S/N: 101-140 / 31207-61, All)
11b	5047253A	1	IDLER ARM -(31207-48, S/N: 161 & above / 31207-52, S/N: 141 & above / 31207-61A, All / 31207-61B, All)
12	5025127	1	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
13	5025017X18	1	BOLT, 1/2-13 X 2-1/4" GD5 CZ
14	5046781A	1	BLOWER HOUSING
15	5046853A	1	BACK PLATE
16	5025059X6	5	BOLT, Self-Tapping, 5/16-18 x 3/4
17	5022832	2	BEARING
18	5025125	8	NUT, 7/16-14 Hex Nylon Lock
19	5025015X12	4	BOLT, 7/16-14 x 1-1/2
20a	5403741	1	WELD, IMPELLER, FAST VAC BLOWER -(Production Date 04/06/2010 & Earlier)
20b	5407093	1	WELD, IMPELLER, FAST-VAC BLOWER -(Production Date 04/07/2010 & Later)
21	5025015X10	4	BOLT, 7/16-14 x 1-1/4
22	5025128	2	NUT, 3/8-16 Hex Serrated Flange
23	5046813A	2	BELT KEEP
24	1721133SM	2	PULLEY, IDLER
25	5025156	1	WASHER, 3/8 SAE
26	5025013X14	1	BOLT, 3/8-16 X 1-3/4" GD5 CZ
27	5025057	1	NUT, 5/16-18 Hex Nylon Lock
28	5025013X18	1	BOLT, 3/8-16 X 2-1/4" GD5 CZ
29	5046860	1	SPACER, .39 x 1.00 x .50
30	5022308	3	BODY CLIP, 5/16-18-7GA MATERIAL
31	5025155	3	WASHER, 5/16" SAE
32	5025011X8	3	BOLT, 5/16-18 X 1 GD5 YZ

Decal Group - Catcher Cover (1704405)

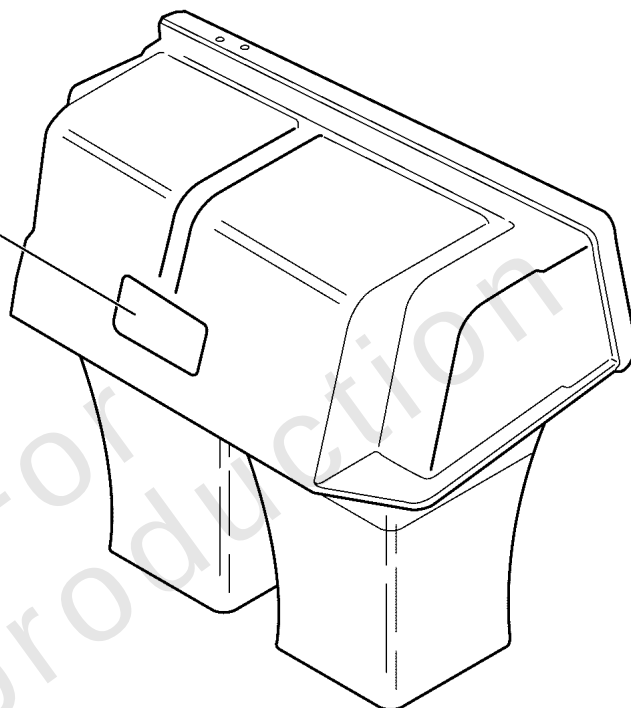
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1704405



1



Decal Group - Catcher Cover (1704405)

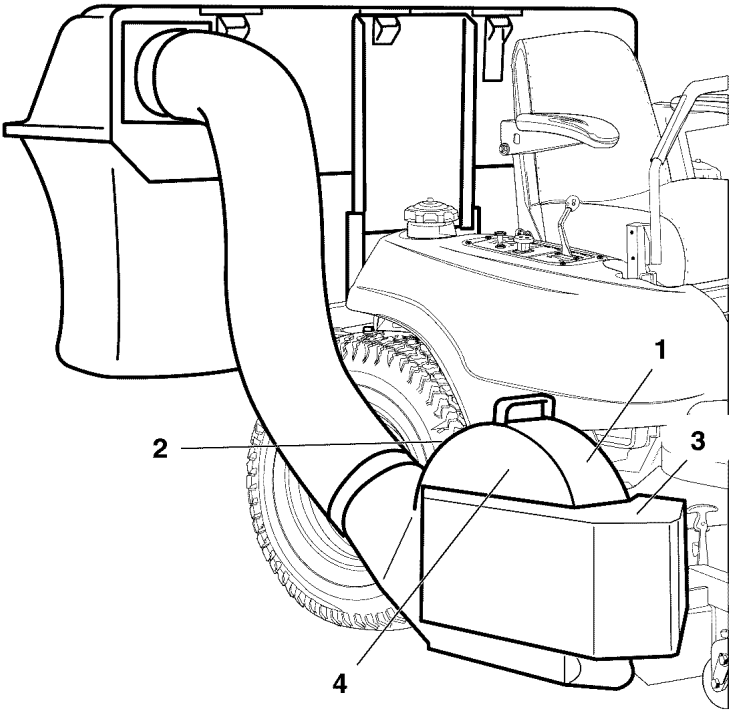
REF NO	PART NO	QTY	DESCRIPTION
1	1704405SM	1	DECAL, Safety

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Decal Group - Fast-Vac Blower S/N: 06/2014 & Below (5301211)

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1

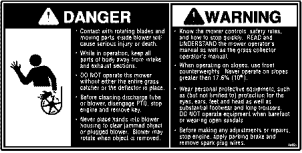
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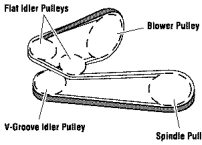
4

5

6



FAST-Vac



IMPORTANT:
V-side of belt must contact v-groove pulleys
Flat side of belt must contact flat pulleys

Decal Group - Fast-Vac Blower S/N: 06/2014 & Below (5301211)

REF NO	PART NO	QTY	DESCRIPTION
1	3046850	1	DECAL, Danger/Warning
2	3046851	1	DECAL, Warning-Blower
3	3046883	1	DECAL, Warning-Shield
4	3046944	1	DECAL, Fast-Vac
5	7027733	1	DECAL, Ear Protection
6	5100081	1	DECAL, Belt Routing

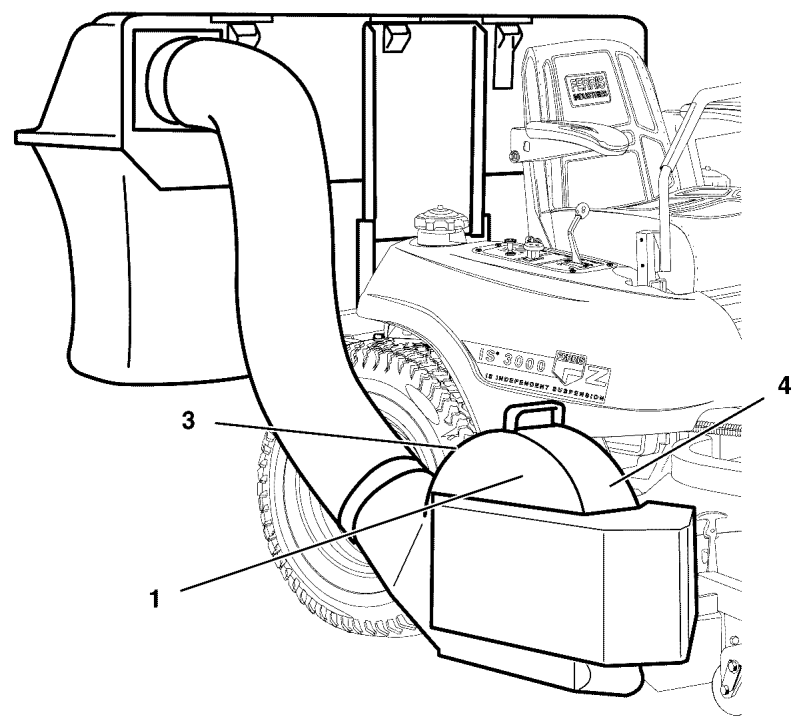
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Decal Group - Fast-Vac Blower S/N: 07/2014 & Above (446dclb1)

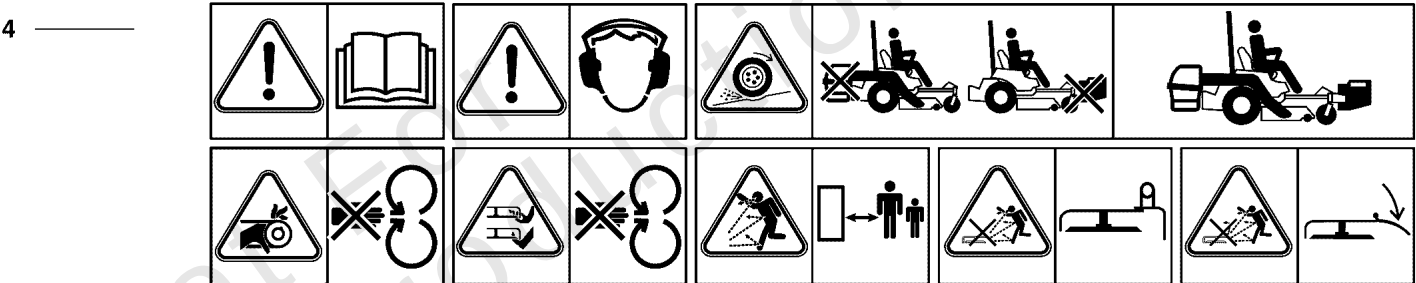
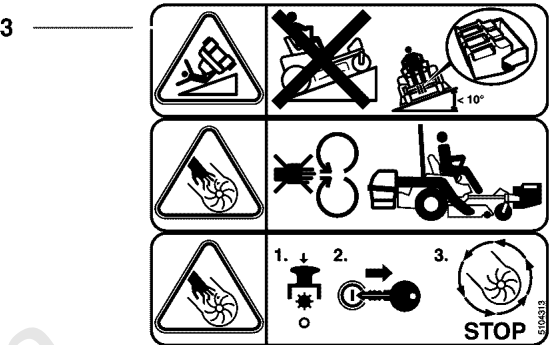
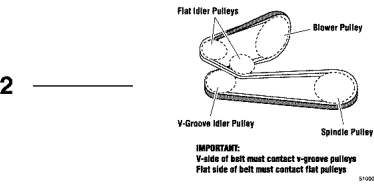
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Mfg. No: 46764

446dclb1



1 — **FAST-Vac**



Decal Group - Fast-Vac Blower S/N: 07/2014 & Above (446dclb1)

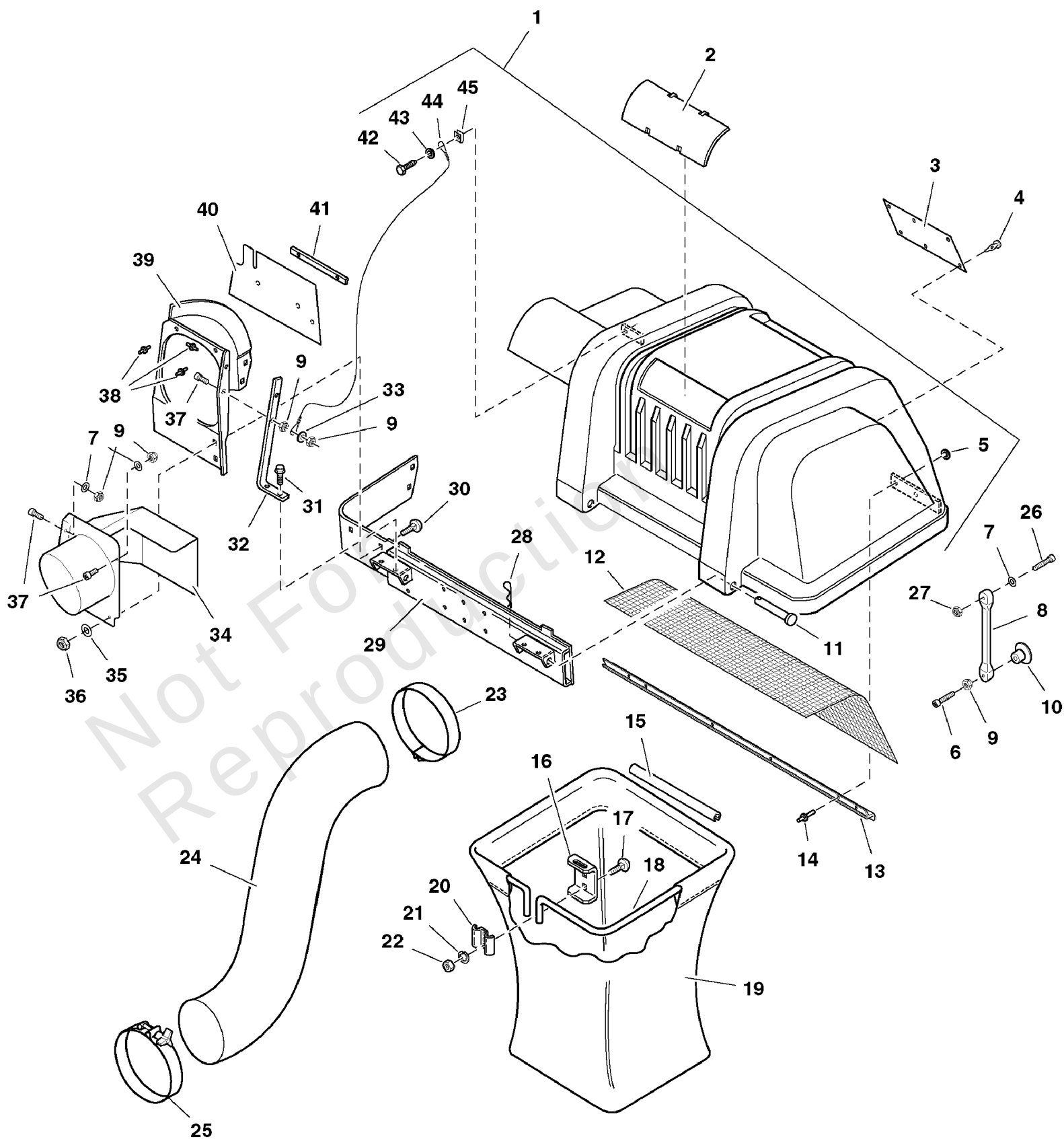
REF NO	PART NO	QTY	DESCRIPTION
1	3046944YP	1	DECAL, FAST-VAC
2	5100081SM	1	DECAL, BELT ROUTING
3	5104313YP	1	DECAL, BLOWER, SMALL, ICONS
4	5104314YP	1	DECAL, BLOWER, MAIN

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Double Catcher Cover & Bag Group

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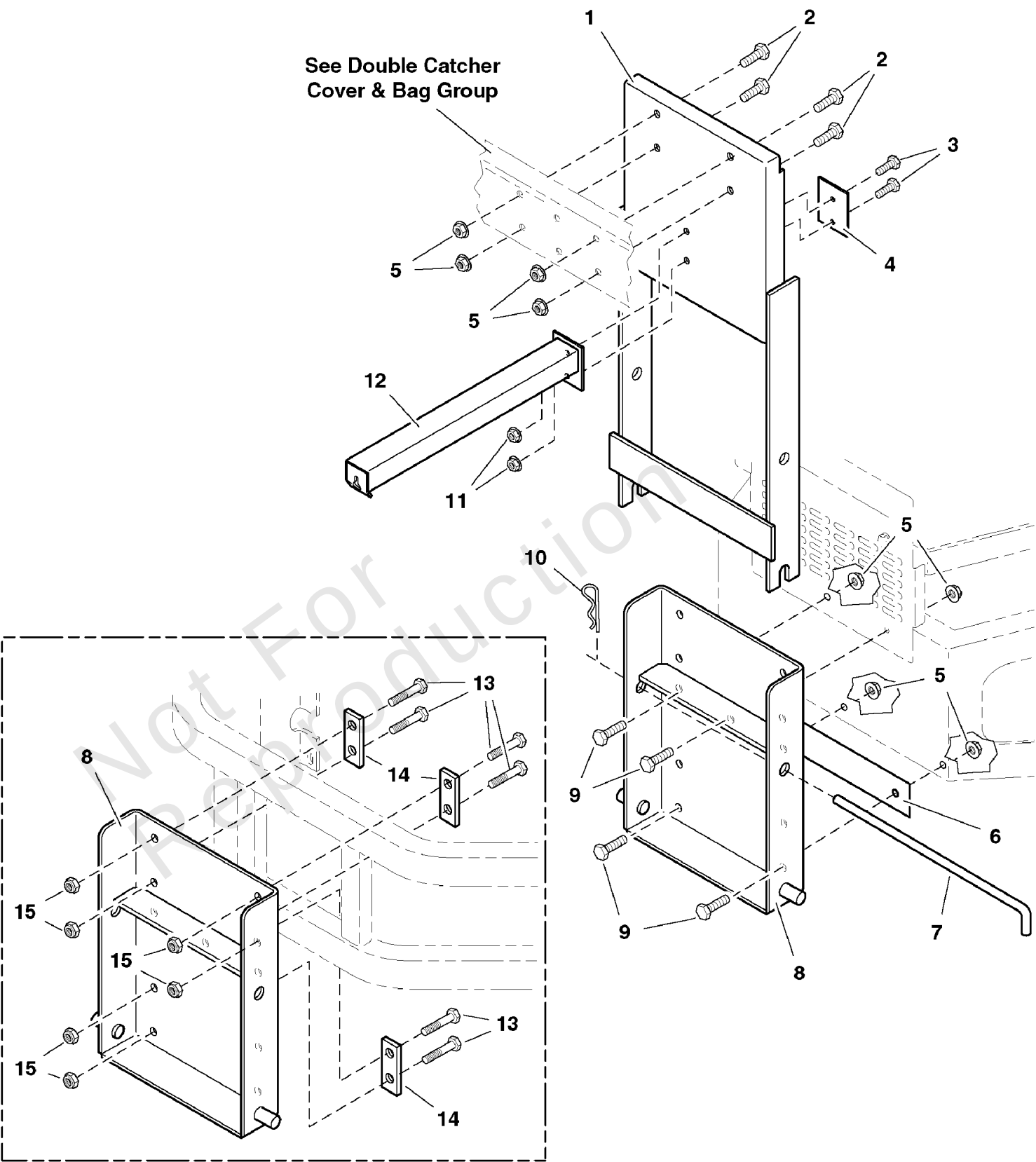
Double Catcher Cover & Bag Group

REF NO	PART NO	QTY	DESCRIPTION
1	5046861	1	COVER & SCREEN ASSEMBLY -(Includes Ref No. 5, 12, 13, 14, 42, 43, 44, 45)
2	1704180	2	WINDOW
3	1704405	1	DECAL, Safety
4	1667248	6	CLIP, Canoe
5	2810531	4	WASHER
6	5025178X12	1	SCREW, #10-32 x 1-1/2
7	5025343	3	WASHER, 3/16" USS
8	5021670	1	RUBBER STRAP
9	5025254	5	NUT, #10-32 Hex Nylon Lock
10	5022838	1	KNOB
11	2860367	2	PIN, Round Head
12	1703700	1	SCREEN
13	1704057	1	SEAL, Clip
14	1675043	4	RIVET, Pop
15	1675707	2	TUBE CLIP, Grass Bag
16	1703807	2	HANGER
17	5025145X6	4	CARRIAGE BOLT, 5/16-18 x 3/4
18	1703855	2	HOOP, Bag
19	1723339	2	BAG, Grass (Black)
20	1672023	2	CLAMP
21	5025170	4	WASHER, 5/16 LOCK CZ
22	5025032	4	NUT, 5/16-18 HEX
23	5022875	1	HOSE CLAMP, Upper
24	5103646	1	HOSE, FLEXIBLE, 7" DIA. X 58"
25	5022876	1	HOSE CLAMP, Lower
26	5025270	1	SCREW, #10-24 X 1 RS, CZ
27	5025271	1	NUT, #10-24 Hex Nylon Lock
28	1960221	2	CLIP, Hairpin
29	1703822	1	CROSS ASSEMBLY
30	80003518	5	BOLT, 1/4-20X0.750, GR5, STD NECK, SQ, ZC/CL
31	1927428	2	SCREW, Taptite, 1/4-20 x 3/8
32	1704507	1	STRAP, Tube Support
33	5022859	1	WASHER, Fender, 3/16
34	5046722A	1	HOSE ADAPTER / DEFLECTOR
35	5025154	3	WASHER, 1/4 SAE
36	5025095	5	NUT, 1/4-20 HEX NYLON LOCK
37	5025178X6	3	SCREW, #10-32 x 3/4
38	5022835	3	RIVET, Pop
39	1704075	1	SUPPORT, Tube
40	5046774	1	SEAL
41	1704508	1	BRACKET, Seal
42	1960400	1	SCREW, Self-tapping, #10-12 x 5/8
43	1917377	1	WASHER, 1/4
44	1705876	1	CABLE, Double Loop
45	1933886	1	NUT, Speed

Double Catcher Mount Group

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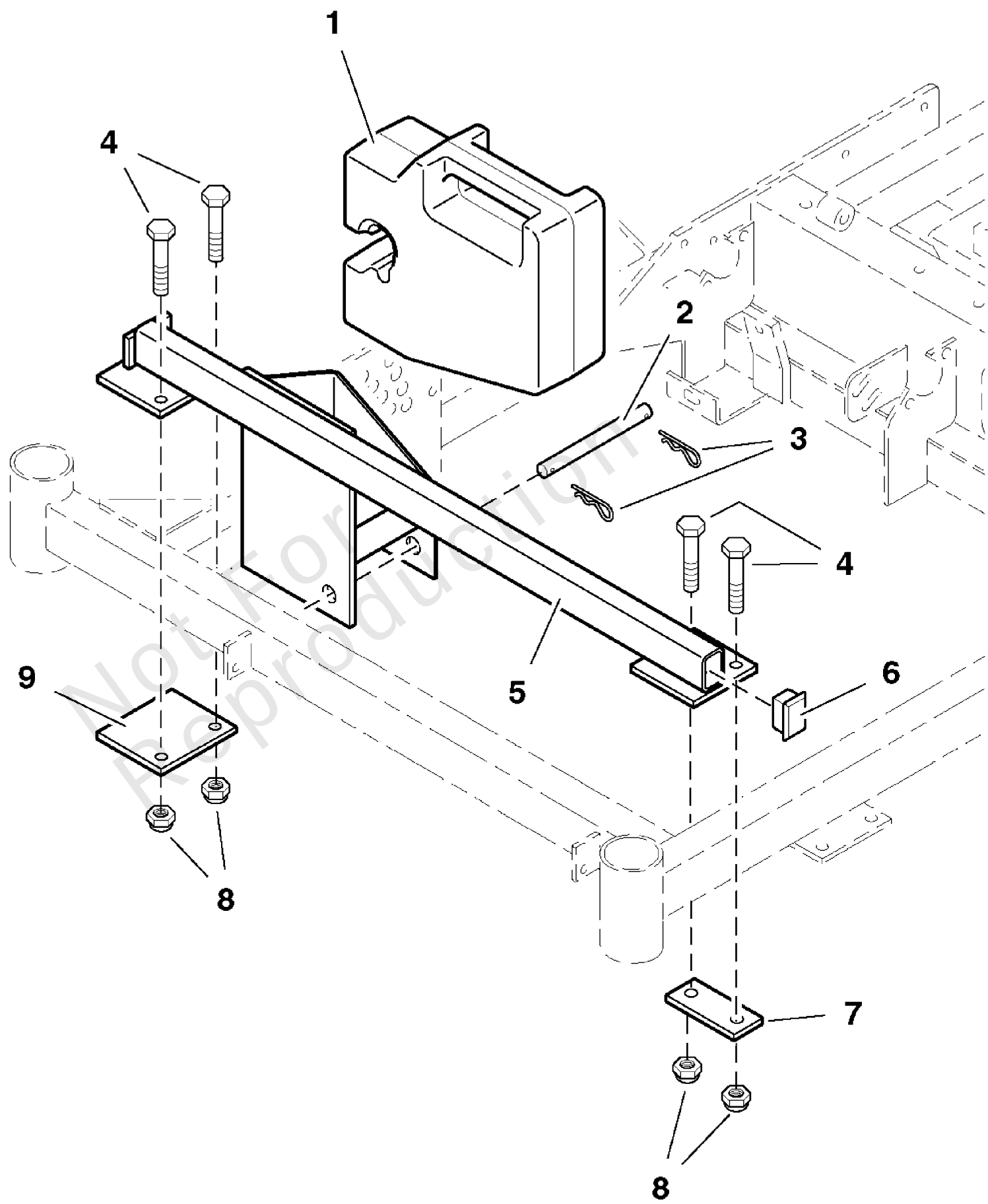
Double Catcher Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	5046687A	1	COVER SUPPORT ASSEMBLY
2	5025013X6	4	BOLT, 3/8-16 X 3/4" GD5 CZ
3	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5
4	5046829A	1	REINFORCEMENT PLATE
5	5025128	8	NUT, 3/8-16 Hex Serrated Flange
6	5046692A	1	BUMPER SPACER
7	5046693	1	SUPPORT ROD
8	5046995A	1	BUMPER MOUNT PLATE
9	5025013X8	4	BOLT, 3/8-16 X 1" GD5 CZ
10	5025302	1	HAIRPIN CLIP
11	5025139	2	NUT, 5/16-18 HEX SERRATED FLANGE (LARGE)
12	5046831A	1	COVER LATCH ARM
13	5025013X20	6	BOLT, 3/8-16 X 2-1/2" GD5 CZ
14	5046992A	3	CLAMP, Bar
15	5025096	6	NUT, 3/8-16 HEX NYLON LOCK

Weight Mount Group - 1000Z & Colt 2-Bag Models

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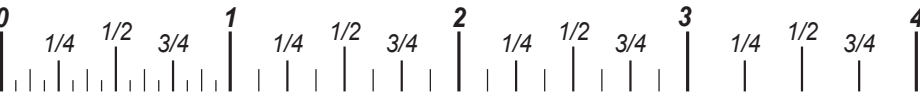
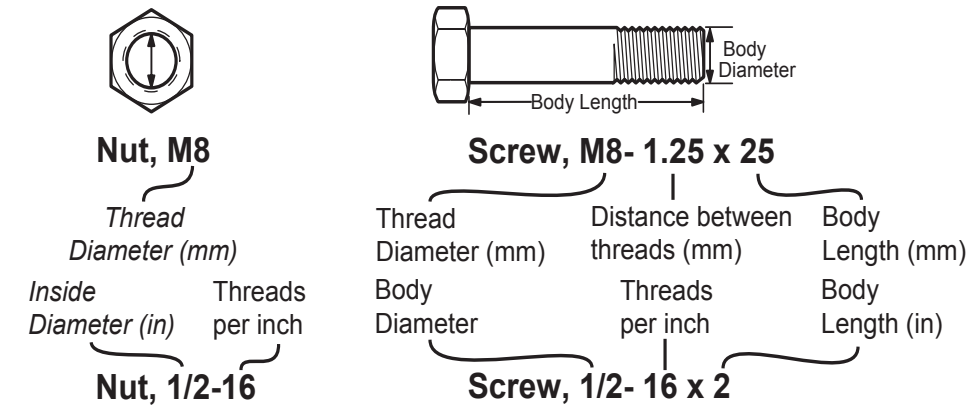
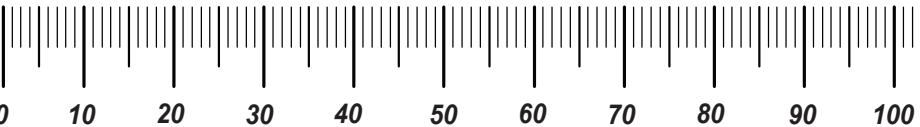
Weight Mount Group - 1000Z & Colt 2-Bag Models

REF NO	PART NO	QTY	DESCRIPTION
1	1692939	1	COUNTERWEIGHT, 50lbs
2	5046717	1	RETAINING PIN
3	1918196SM	2	HAIR PIN CLIP
4	5025013X24SM	4	BOLT, 3/8-16 X 3" GD5
5	5046710ASM	1	WEIGHT MOUNT FRAME
6	5022097SM	1	CAP, Plastic
7	5046715ASM	1	BRACE PLATE, Lower
8	5025096SM	4	NUT, 3/8-16 HEX NYLON
9	5046894ASM	1	MOUNT PLATE, Lower

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).

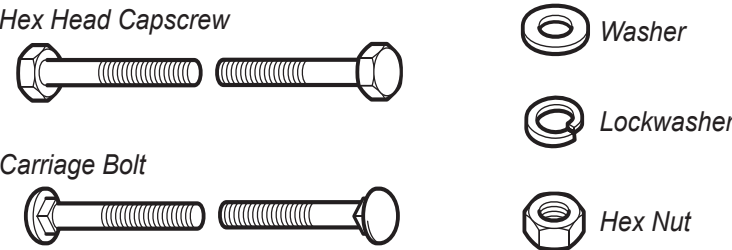
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

