

Parts Manual

Mfg. No: 5600352
61" 3-Bag, Collection System (Citation &
Cobalt SN Series)

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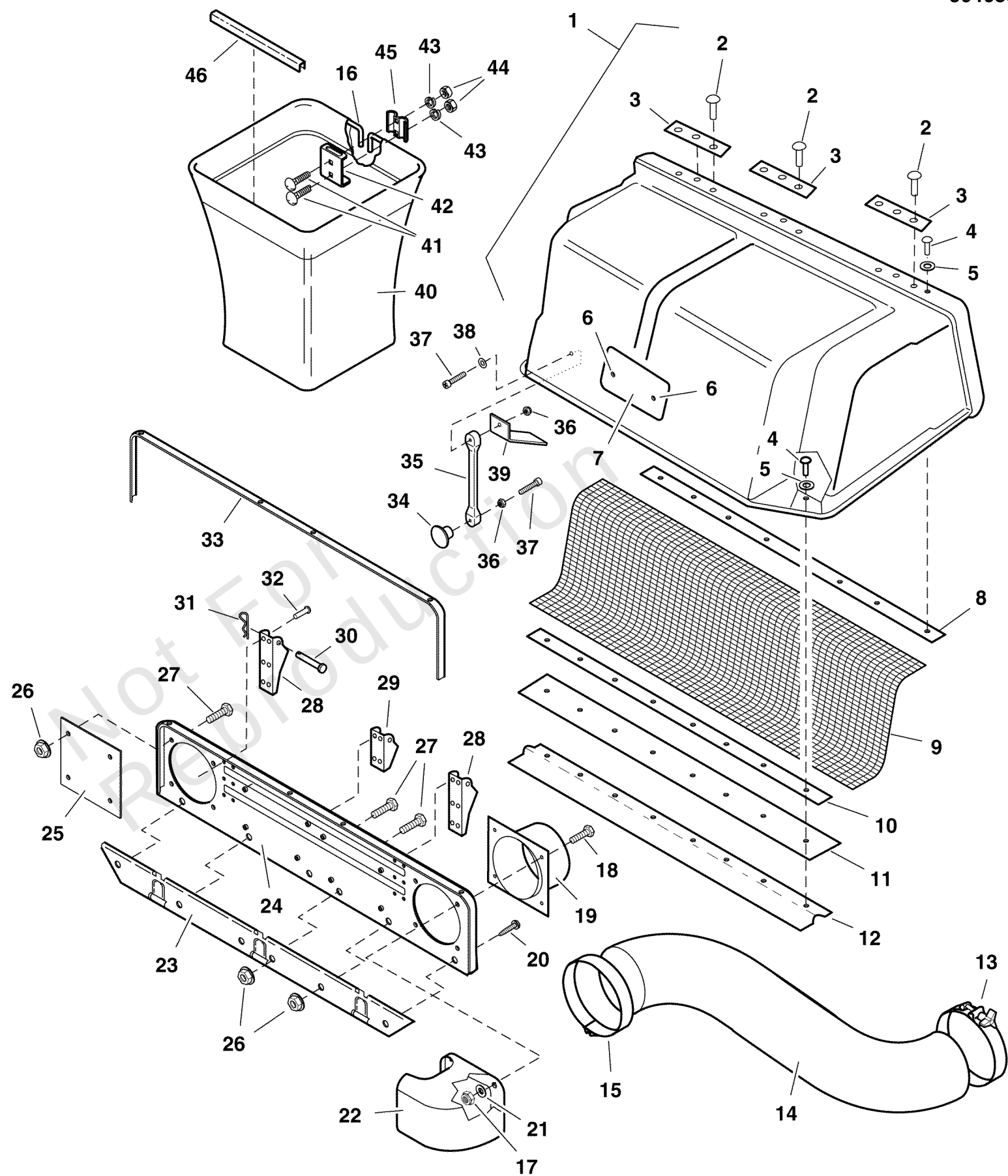
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3-Bag Catcher & Cover Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5600352

5046864



3-Bag Catcher & Cover Group

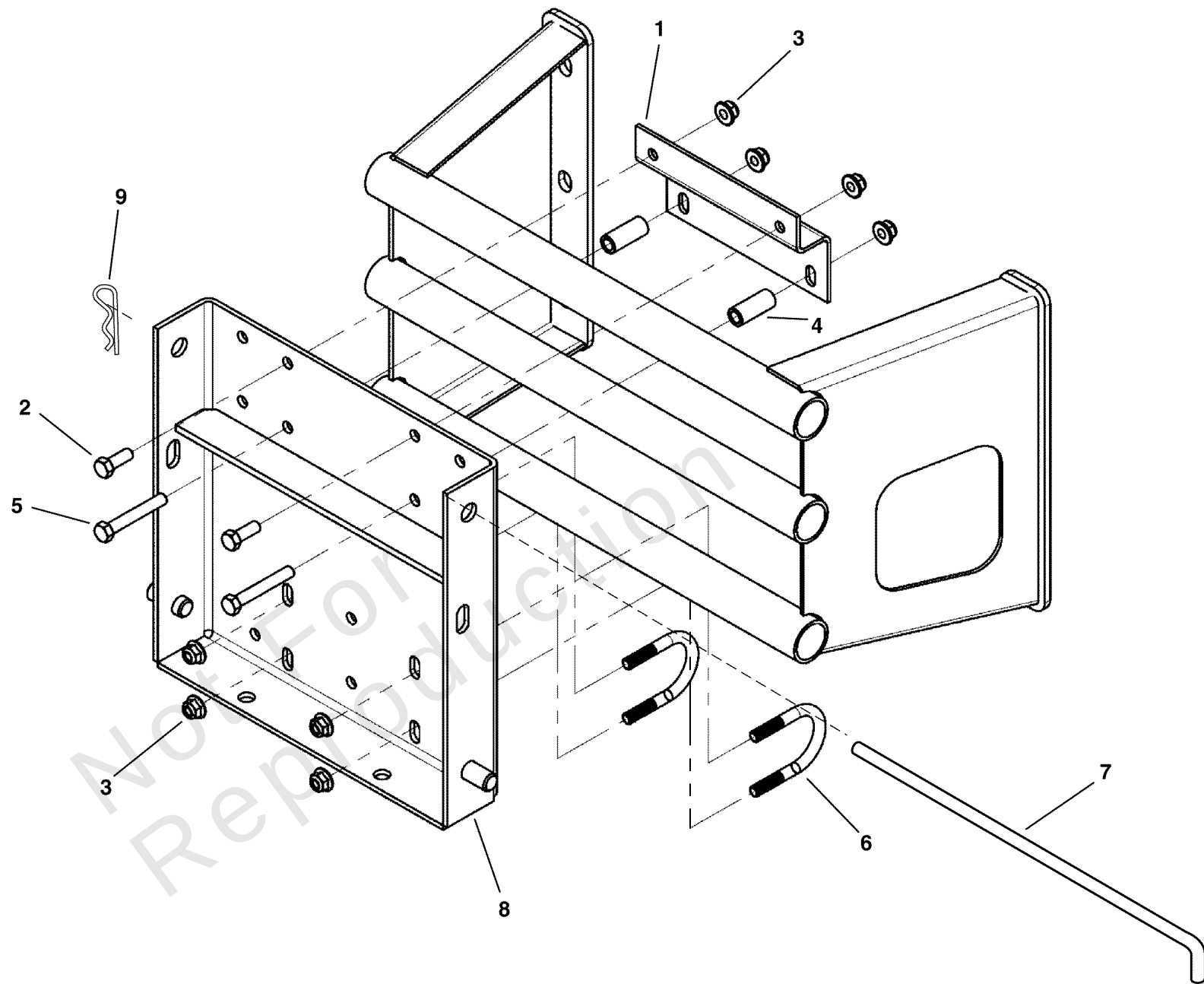
REF NO	PART NO	QTY	DESCRIPTION
1	1717025SM	1	COVER & SCREEN ASSEMBLY
2	5025010X6SM	9	BOLT, 1/4-20 X 3/4" G
2	703338	4	BOLT,1/4-20X5/8
3	1717067ASM	3	HINGE ASSEMBLY
4	2825160SM	25	RIVET
5	1910531SM	16	WASHER
6	1667248SM	6	CLIP, Canoe
7	1704405SM	1	DECAL, Safety
8	1716970ASM	1	CLAMP
9	1717041SM	1	SCREEN
10	1717524SM	1	CLAMP, Seal
11	1716968SM	1	SEAL
12	1716972ASM	1	ANGLE, Screen
13	5022876SM	1	CLAMP, HOSE, LOWER
14	3022833SM	1	HOSE, FAST VAC, SNAPP
15	5022875SM	1	CLAMP, HOSE, UPPER
16	1703855ASM	3	HOOP, GRASS BAG BL
17	5025057SM	4	NUT, 5/16-18 Hex Nylon Lock
18	703570	4	CAPSCREW, Hex Head, 5/16-18 x 1 1/4
19	5046801A	1	HOSE ADAPTER
20	1925003SM	3	CAPSCREW, Taptite, 1/4-20 x 1/2
21	703302	4	WASHER, 5/16
22	1717039SM	1	DEFLECTOR
23	1716973ASM	1	CHANNEL ASSEMBLY
24	1716966ASM	1	PLATE ASSEMBLY
25	1725969SM	1	INLET COVER
26	1931277SM	6	NUT, 5/16-18 Hex Small Serrated Flange
27	5025011X6SM	6	BOLT, 5/16-18 X 3/4"
28	1720875ASM	2	HINGE
29	1720945ASM	1	BRACKET, Hinge
30	1672344SM	3	PIN, 3/8 x 2-3/4
31	1960074SM	3	CLIP, HAIR PIN .093DI
32	5022834	16	RIVET
33	1717082SM	1	SEAL
34	5022838SM	1	KNOB
35	5021670SM	1	STRAP, RUBBER
36	5025254	2	NUT, #10-32 Hex Nylon Lock
37	5025178X12	2	SCREW, #10-32 x 1-1/2
38	5025343	1	WASHER, 3/16" USS
39	5046832A	1	COVER SUPPORT
40	1703764SM	3	BAG-GRASS 15.9 X 16.5
41	5025145X6SM	6	BOLT, 5/16-18 X 3/4",
42	1703807ASM	3	HANGER
43	5025170SM	6	WASHER, 5/16" LOCK
44	5025032SM	6	NUT, 5/16-18 HEX
45	1672023ASM	3	CLAMP, GRASS BAG - BL
46	1675707SM	3	CLIP, TUBE, GRASS BAG

3-Bag Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5600352

5300017



3-Bag Mount Group

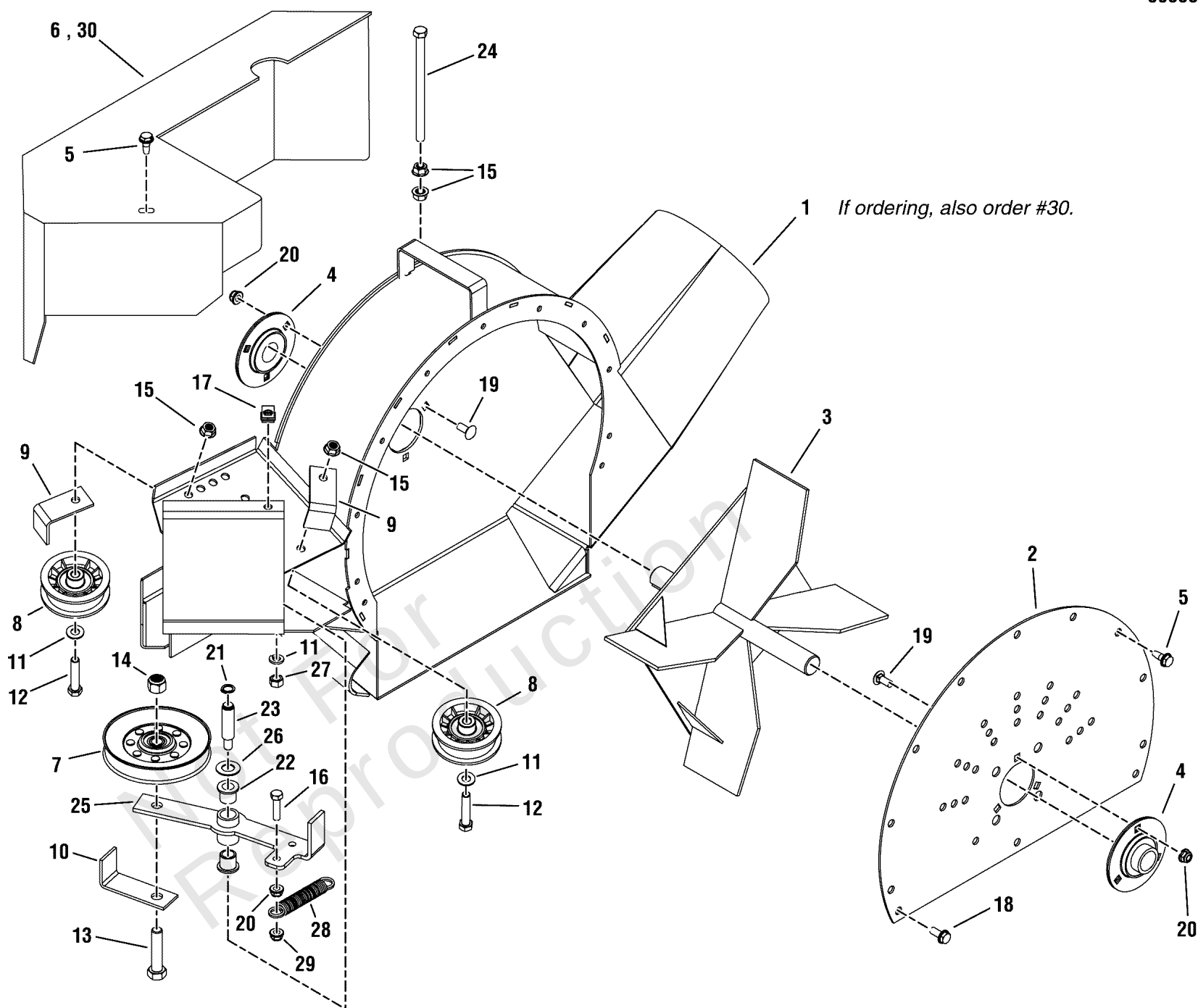
REF NO	PART NO	QTY	DESCRIPTION
1	5400129A	1	ADAPTER PLATE
2	5025013X8SM	2	BOLT, 3/8-16 X 1" GD5
3	5025394SM	8	NUT, 3/8-16 HEX NYLOCK
4	5048264SM	2	SPACER, .39 X .63 X 1
5	5025013X20SM	2	BOLT, 3/8-16 x 2-1/2
6	5100009SM	2	U-BOLT, 3/8 X 1-1/4
7	1717085SM	1	HITCH ROD
8	1723436SM	1	WELD, BUMPER MOUNT PL
9	1960033SM	1	CLIP, Hair Pin

Blower Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5600352

5900800



Blower Group

REF NO	PART NO	QTY	DESCRIPTION
1	5403723A	1	WELD, BLOWER HOUSING - FAST VAC - BLK
2	5403750A	1	PLATE, BACK - BLK
3a	5407093	1	WELD, IMPELLER, FAST-VAC BLOWER -(S/N: 04/07/2010 & Later)
3b	5403741	1	WELD, IMPELLER, FAST VAC BLOWER -(S/N: 07/14/2013 & Earlier)
4	7100021SM	2	BEARING, FLANGE, 1" Bore
5	5025059X6	5	BOLT, 5/16-18 X 3/4" Self Tapping
6	5403736A	1	WELD, BELT GUARD, BLOWER - BLK -(S/N: 07/14/2013 & Earlier)
7	5021097	1	PULLEY, IDLER V-NOTCH, 5"
8	1721133SM	2	PULLEY, IDLER
9	5403749A	2	KEEPER, BELT - BLK
10	5403740A	1	RETAINER, BELT - BLK
11	5025156	3	WASHER, 3/8 SAE
12	5025013X16	2	BOLT, 3/8-16 X 2, GD5, CZ
13	5025017X20	1	BOLT, 1/2-13 X 2-1/2" GD5 CZ
14	5025056	1	NUT, 1/2-13 HEX NYLON LOCK
15	5025128	4	NUT, 3/8-16 Hex Serrated Flange
16	5025011X10	1	BOLT, 5/16-18 X 1-1/4
17	5022308	3	BODY CLIP, 5/16-18-7GA MATERIAL
18	5025059X8	6	BOLT, 5/16-18 X 1" Self-Tapping
19	5025145X6	6	CARRIAGE BOLT, 5/16-18 X 3/4
20	5025392	6	NUT, 5/16-18 Hex Nylock Flange
21	7010776	1	RETAINING RING, 1/2"
22	7014409	2	FLANGE BEARING, 9/16"
23	7044995	1	STUD, IDLER, Clear Zinc
24	5025013X48	1	BOLT, 3/8-16 X 6" GD5 CZ
25	5411358	1	ASSM, IDLER ARM, FAST-VAC -Was 5403746A
26	5103679	1	WASHER, FLAT, 9/16 ID, 1-1/8 OD, 98THK -Was 5025171
27	5025097	1	NUT, 3/8-24 HEX NYLON LOCK -Was 5025035
28	5020807	1	SPRING, Extension
29	7091575	1	NUT, 5/16-18 Hex Center Lock
30	5411464AYP	1	WELD, Fast-Vac Guard - BLK -(S/N: 07/15/2013 & Later)

Footnotes:

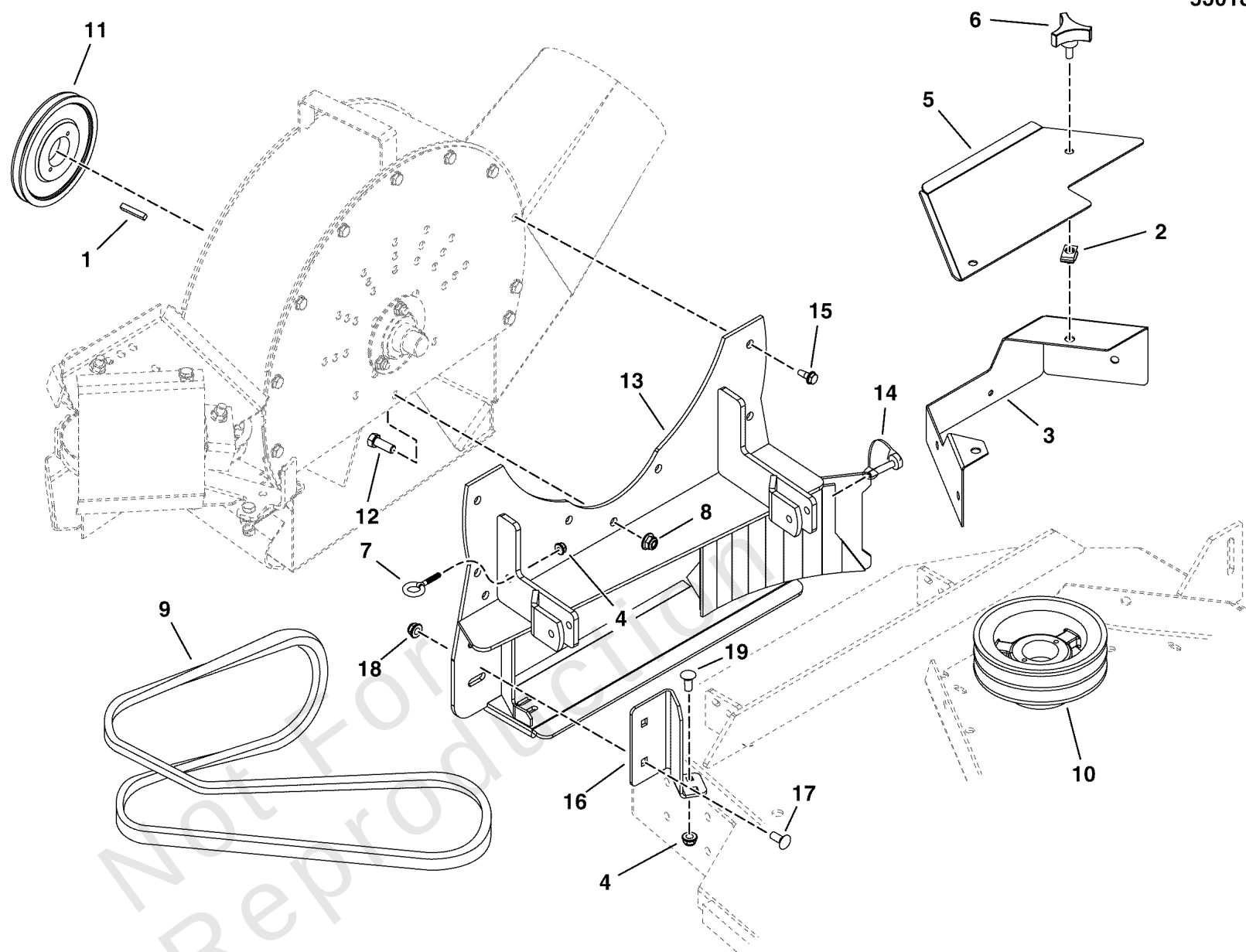
Note:** If replacing, order 5411464AYP also.

Blower Mount Group - 61" Models

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5600352

5301860



Blower Mount Group - 61" Models

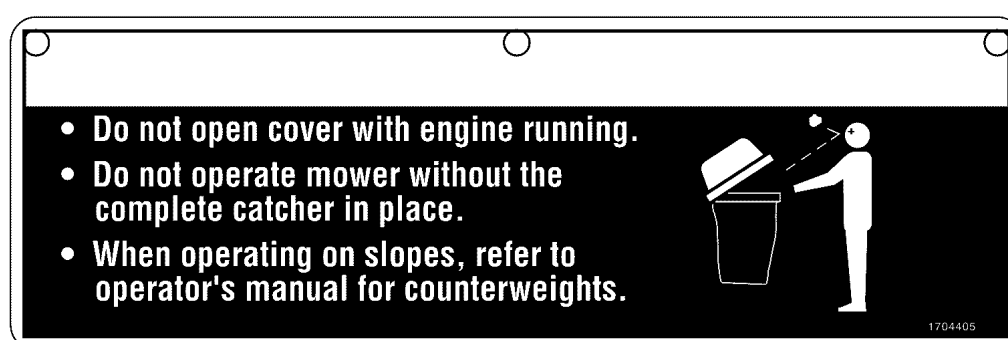
REF NO	PART NO	QTY	DESCRIPTION
1	5022726	1	KEY 1/4 SQ X 1 1/2 LONG
2	5022308	2	BODY CLIP, 5/16-18-7GA MATERIAL
3	5401435A	1	GUARD, DECK, 61", FASTVAC - BLK
4	703463	1	NUT, GR5,1/4-20
5	5401436AA	1	GUARD, BELT, 61", FASTVAC - BLK
6	5022319	2	KNOB, PLASTIC, 5/16-18 X 3/4
7	5022205	1	EYE BOLT, 1/4-20 X 2.5, 1THRD, .5EYE,CZ
8	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
9	5102334	1	BELT, 96" EL, A-SECT, ARAMID, WRAPPED
10	5046702	1	PULLEY, DECK,61 BLOWER UNIT
11	5046808	1	PULLEY, BLOWER AXLE, 61
12	5025013X8	3	BOLT, 3/8-16 X 1" GD5 CZ
13	-----	1	WELD, BLOWER MOUNT, 61 - BLK -(Not a sellable part, order complete assembly 5301860)
14	5100847	2	SNAPPERPIN, 5/16 X 2
15	7091811	2	BOLT, 5/16-18 X 5/8" Self Lock
16	5408272A	1	BRACKET,DEFLECTOR PLATE, 61
17	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE
18	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
19	1960252	2	BOLT-RD HD SH SQ NK 1/4-20X0.625 G5 BLK

Decal Group - Catcher Cover (1704405)

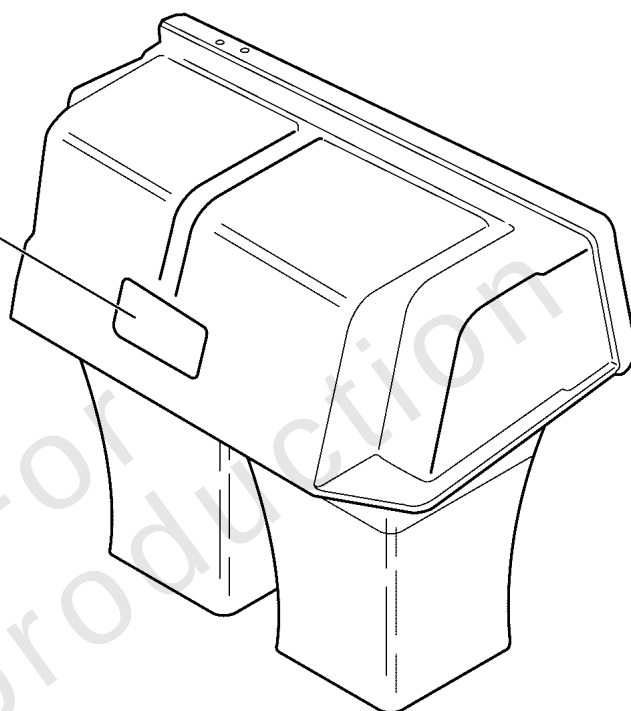
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5600352

1704405



1



Decal Group - Catcher Cover (1704405)

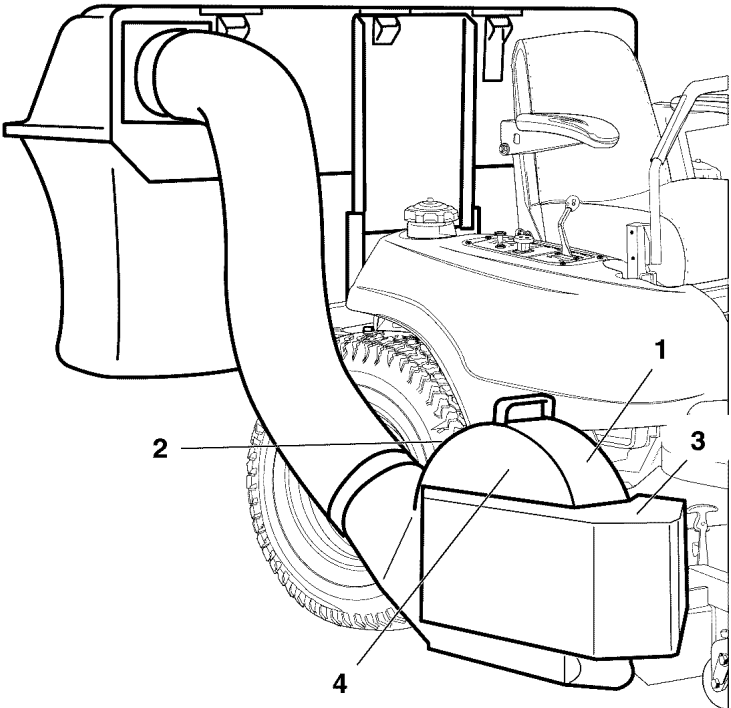
REF NO	PART NO	QTY	DESCRIPTION
1	1704405SM	1	DECAL, Safety

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

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5600352



1

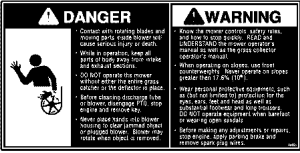
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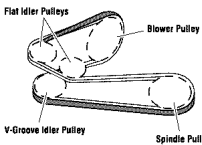
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5

6



FAST-Vac



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

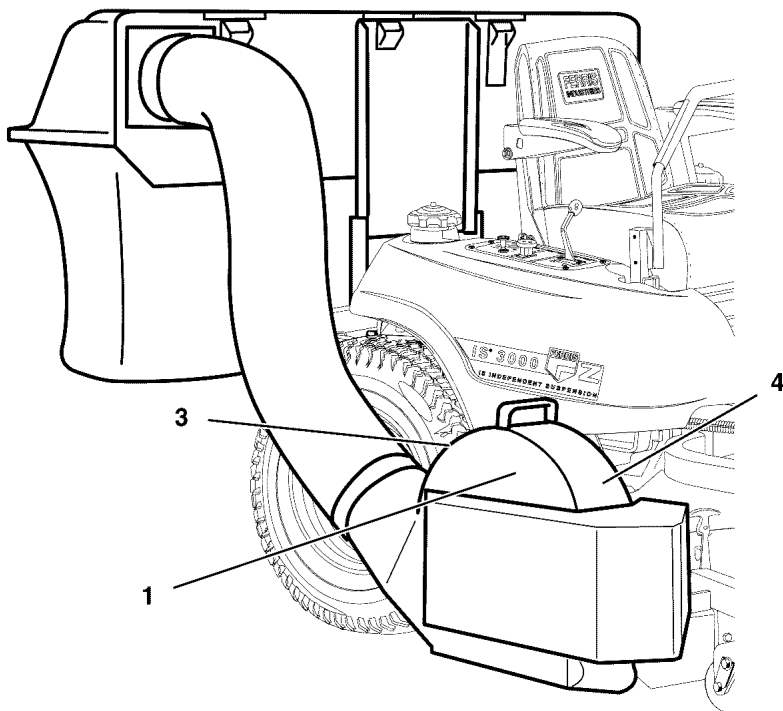
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Decal Group - Fast-Vac Blower S/N: 07/2014 & Above (446dclb1)

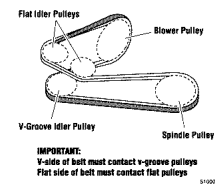
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5600352

446dclb1



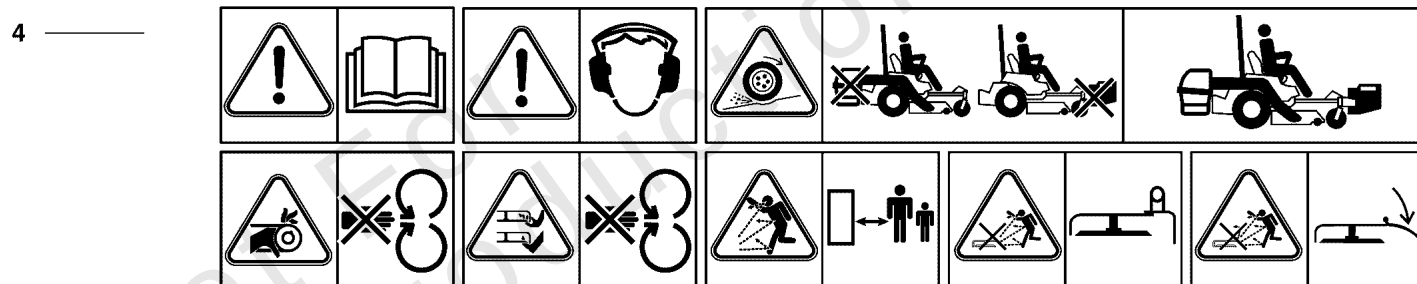
1 ——— ***FAST-Vac***



3 _____

The diagrams illustrate the following steps:

- Warning: Falling object and forklift operation.
- Warning: Flame and forklift operation.
- Sequence of three diagrams showing the forklift lifting the component, with a 'STOP' sign and a circular arrow indicating a 90-degree turn.



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

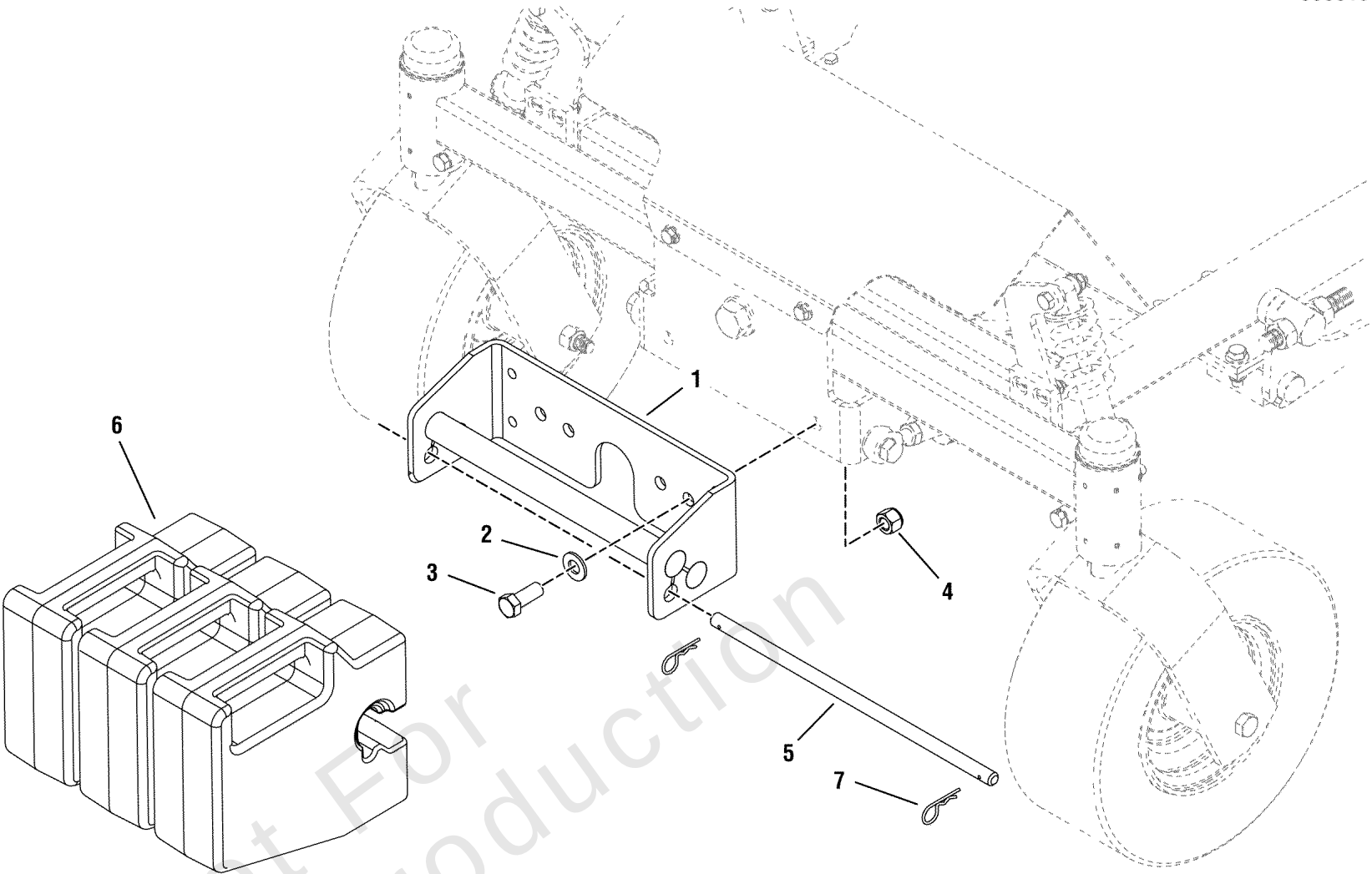
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Weight Mount Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5600352

5300189



Weight Mount Group

REF NO	PART NO	QTY	DESCRIPTION
1	5049082A	1	HOLDER ASMY-WEIGHT CONS Z CAT - BLACK
2	5025158	2	WASHER, 1/2 SAE
3	5025018X10	2	BOLT, 1/2-20 X 1-1/4" GD8 CZ
4	5025098	2	NUT, Hex, Nylon Lock, 1/2-20
5	5049143	1	ROD-.500DIA 13.75LG YELLOW CON
6	1700000	3	WEIGHT-QUICK ATTACH 33LBS PAINTED BLACK -(2-Bag Collection System)
6	1717627	3	WEIGHT-QUICK ATTACH 50LB SUITCASE PAINTED -(3-Bag Collection System)
7	5025210	2	PIN, HAIR, .0915 X 1-7/8

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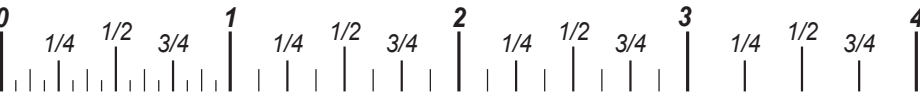
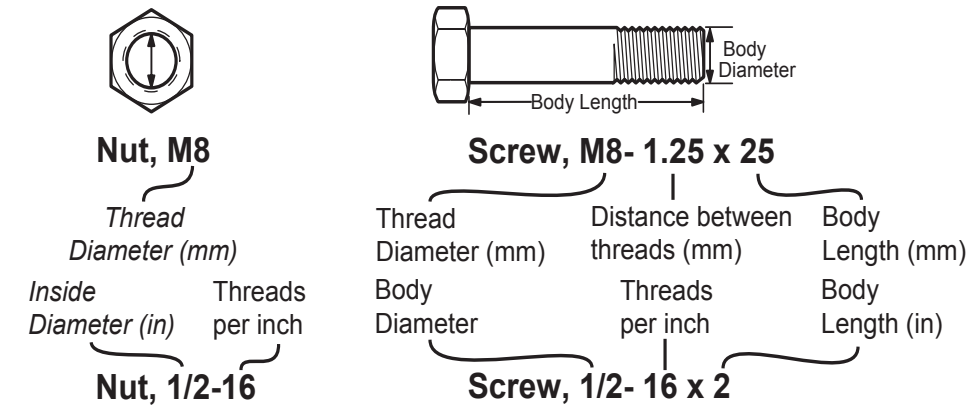
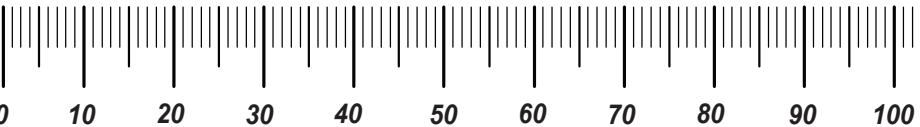
Footnotes:

(Older 2-Bag Collection Systems used two (2) 50 lbs weight (P/N: 1717627))

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).

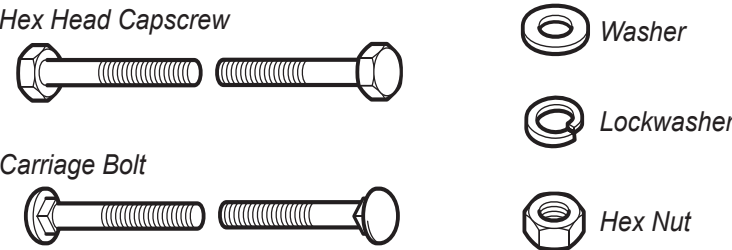
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

