

Parts Manual

Mfg. No: 5600863

61" iCD FAST-Vac; 3-Bag Hard Top Grass
Collection System (3200/320)

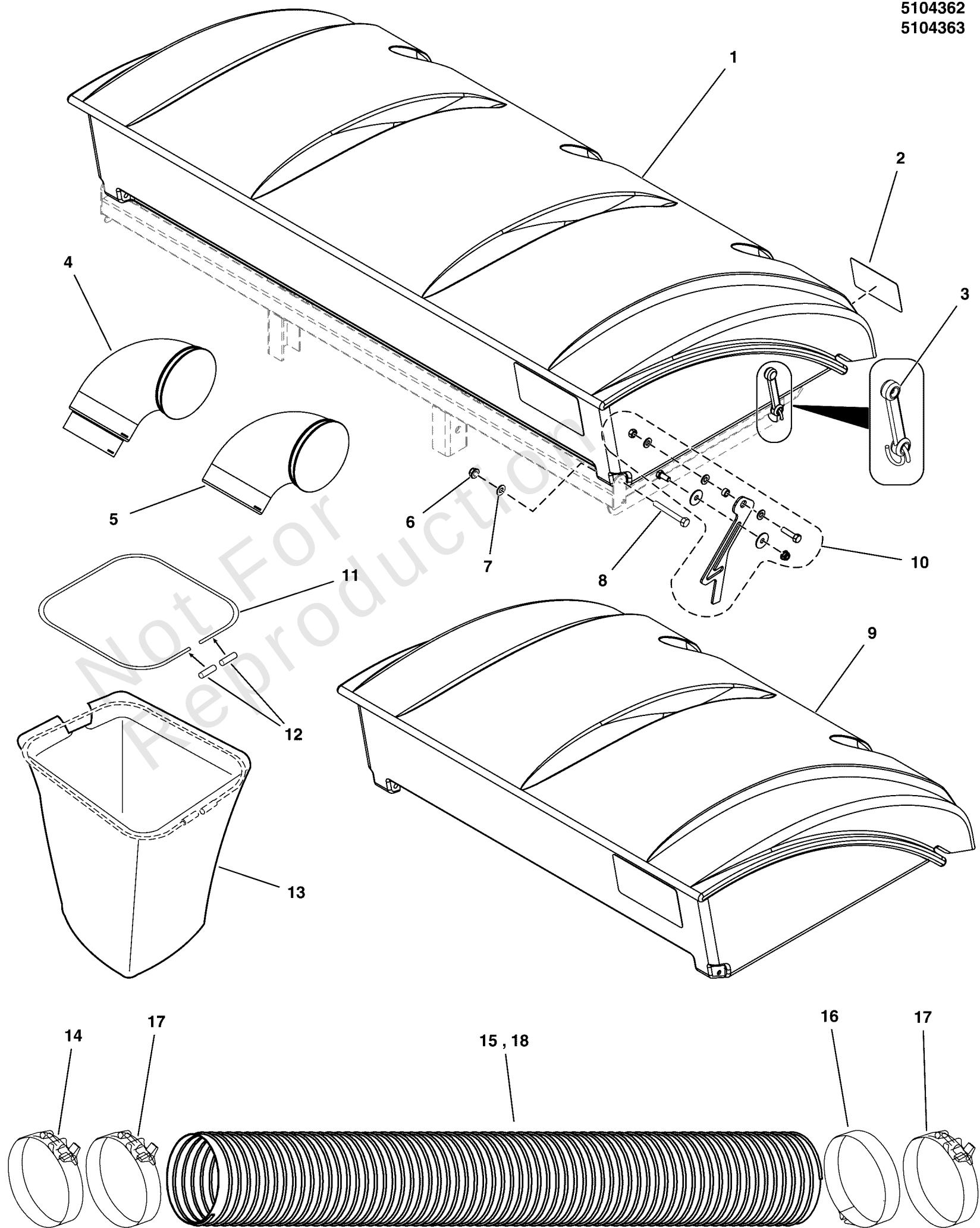
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Not For
Reproduction

2-Bag & 3-Bag Catcher & Cover Group - Hard Top System

Note: Unless noted otherwise, use the standard torque specifications

5104362
5104363



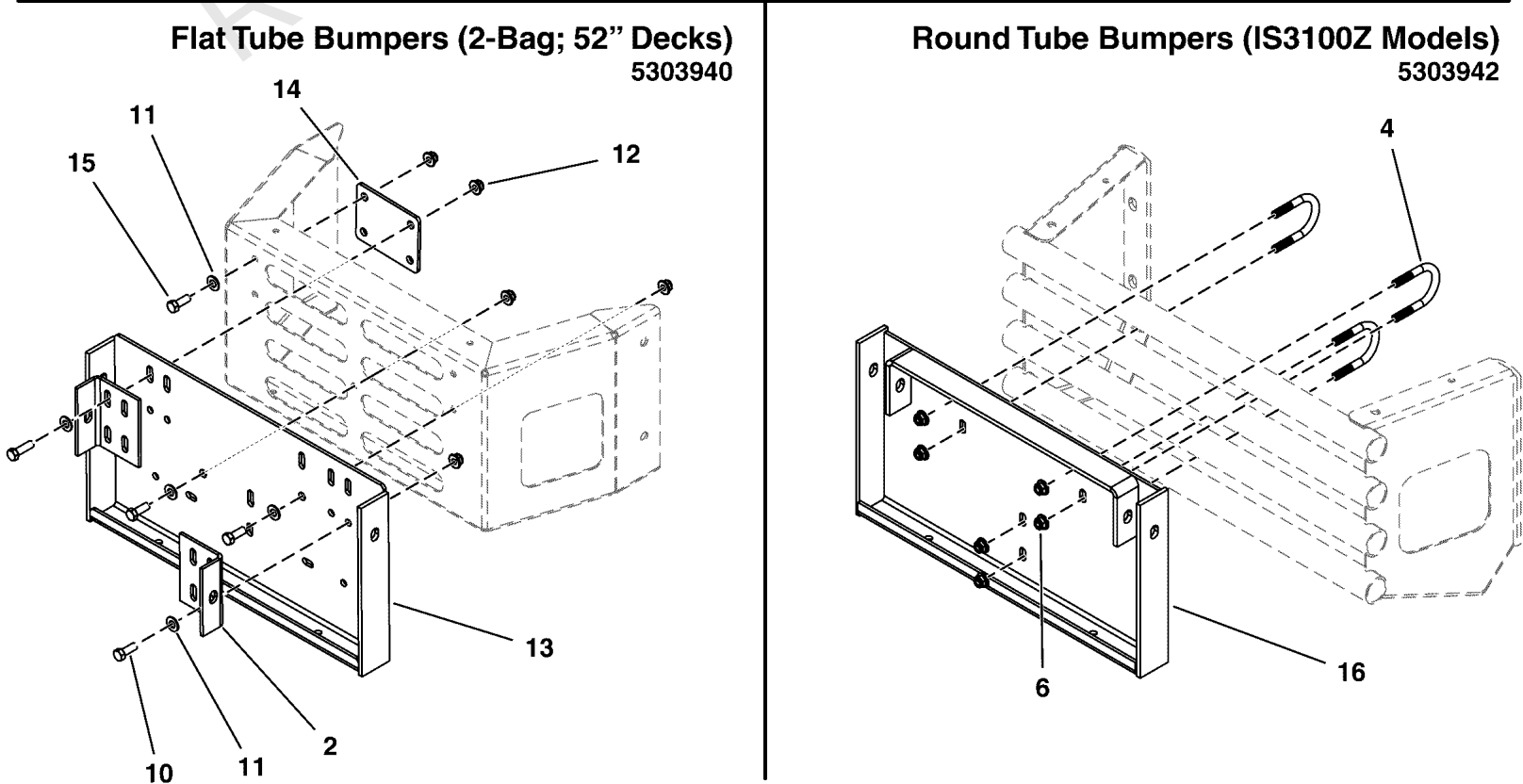
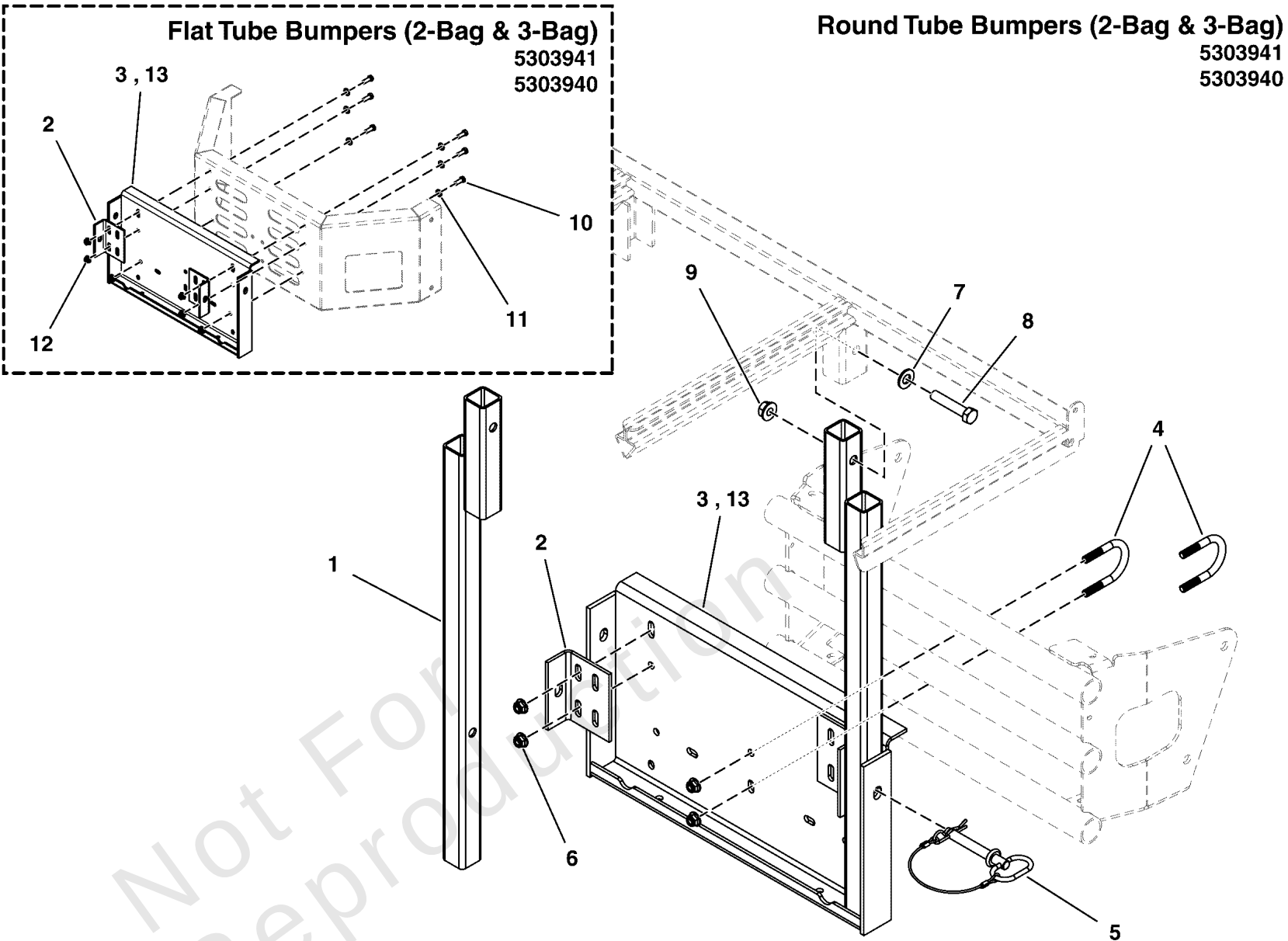
2-Bag & 3-Bag Catcher & Cover Group - Hard Top System

REF NO	PART NO	QTY	DESCRIPTION
1	5104363X1	1	TOP ASSEMBLY / P3B / FERRIS - NET -(3-Bag Collection System)
2	5104363X3	2	RED REFLECTOR DECAL - NET
3	5104363X2	2	RUBBER STRAP W/HOOKS - NET
4	5104363X5	1	P2B INLET / 6 INCH / CUT -(Fits Collection Systems with 6" or 7" Hose)
5	5104362X2	1	P2B INLET / 6 INCH / CUT -(Fits Collection Systems w/ 6" Hose)
6	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
7	5025158	2	WASHER, 1/2 SAE
8	5025017X20	2	BOLT, 1/2-13 X 2-1/2" GD5 CZ
9	5104362X1	1	TOP ASSEMBLY / P2B+ / FERRIS - NET -(2-Bag Collection System)
10	5104363X7	1	VAC KIT HW / P3B / FERRIS - NET
11	5104363X8	3	PART B0227 BAG RING / GENERIC - NET -(Qty: 2 - 2-Bag Collection System)
12	5104363X9	6	PART J0274 VINYL CAP - NET -(Qty: 4 - 2-Bag Collection System)
13	5104878	3	BAG COLLECTION SYSTEM SMALL -(Qty: 2 - 2-Bag Collection System)
14	5022876	1	CLAMP, HOSE, LOWER -(FAST-Vac & TURBO-Pro MAX Systems)
15	5103646	1	HOSE, FLEXIBLE, 7" DIA. X 58" -(FAST-Vac & TURBO-Pro MAX Systems)
16	5022875	1	CLAMP, HOSE, UPPER -(FAST-Vac & TURBO-Pro MAX Systems)
17	5103469	2	CLAMP, 6" UPPER & LOWER, COLLECTORS -(TURBO-Pro Systems)
18	5103471	1	HOSE, FLEXIBLE, 6" DIA X 54" -(TURBO-Pro Systems)

2-Bag & 3-Bag Mount Group - Hard Top System

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5600863



2-Bag & 3-Bag Mount Group - Hard Top System

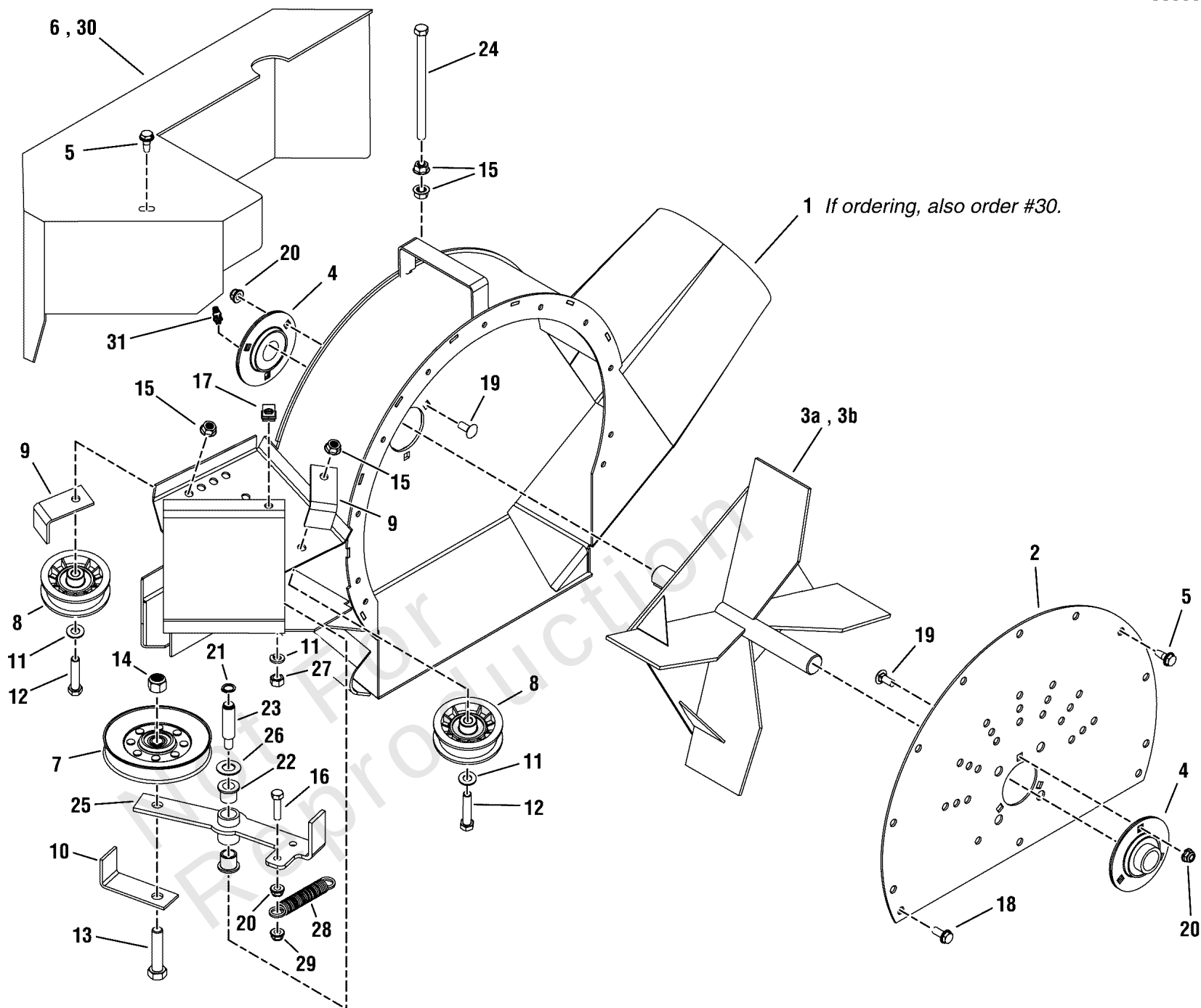
REF NO	PART NO	QTY	DESCRIPTION
1	5412691A	2	WELD, HARD TOP, MOUNTING POST - BLK
2	5402665A	4	BRACKET, BAGGER MOUNT - BLK
3	5400149AYP	1	WELD, BAGGER MNT,1500 -(3-Bag Collection System)
4	5100009	3	U-BOLT, 3/8" X 1-1/4"
5	5100013	2	PIN, HITCH, .50 X 3.25 W/ LAY (SV)
6	5025394	6	NUT, 3/8 - 16 HEX NYLOCK FLANGE
7	5025158	2	WASHER, 1/2 SAE
8	5025017X20	2	BOLT, 1/2-13 X 2-1/2" GD5 CZ
9	5025396	2	NUT, Hex Flange, Nylock, 1/2-13
10	5025013X8	9	BOLT, 3/8-16 X 1" GD5 CZ
11	5025156	9	WASHER, 3/8 SAE
12	5025394	9	NUT, 3/8 - 16 HEX NYLOCK FLANGE
13	5412980A	1	WELD, 2 BAG MOUNT - BLK -(2-Bag Collection System)
14	5412688A	1	PLATE, PECO MOUNT - BLK -(Flat Tube Bumpers, 52" Decks, 2-Bag Collection System)
15	5025013X10	2	BOLT, 3/8-16 X 1-1/4" GD5 CZ
16	5401514A	1	WELD, BAGGER MOUNT, IS3100Z - BLK -(IS3100Z Models Only)

Blower Group, FAST-Vac

Note: Unless noted otherwise, use the standard torque specifications

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Blower Group, FAST-Vac

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: 04/06/2010 & Earlier)
4	7100021SM	2	BEARING, FLANGE, 1" Bore -(Torque set screws to 87 in-lbs (9.8 Nm). Use Loctite 271 Threadlocker on threads).
5	7091541	5	BOLT, 5/16-18 X 3/4" Self Tap
6	5403736A	1	WELD, BELT GUARD, BLOWER - BLK -(S/N: 07/14/2013 & Earlier)
7	5021097	1	PULLEY-IDLER-V, 4.85OB, .506 ID, .94W, STL
8	5106480	2	PULLEY, IDLER, 2.75"OD X .37"ID, INSERT
9	5403749A	2	KEEPER, BELT - BLK
10	5403740A	1	RETAINER, BELT - BLK
11	5025156	3	WASHER, 3/8 SAE
12	80003522	2	HHCS, 3/8-16 X 2.00, GR5, ZINC/CLEAR
13	5025017X18	1	BOLT, 1/2-13 X 2-1/4" GD5 CZ
14	5025056	1	NUT, 1/2-13 HEX NYLON LOCK
15	5025128	4	NUT, 3/8-16 Hex Large Serrated Flange
16	5025011X10	1	BOLT, 5/16-18 X 1-1/4" GD5 YZ
17	5022308	3	BODY CLIP, 5/16-18-7GA MATERIAL
18	7091811	6	BOLT, 5/16-18 X 5/8" Self Lock
19	5025145X6	6	BOLT, 5/16-18 X 3/4, CARRIAGE, GD5, CZ
20	5025392	6	NUT, 5/16-18 HEX NYLOCK FLANGE NUT
21	7010776	1	RETAINING RING, 1/2"
22	7014409	2	FLANGE BEARING, 9/16"
23	7044995	1	IDLER STUD
24	5025013X48	1	BOLT, 3/8-16 X 6" GD5 CZ
25	5411358	1	ASSM, IDLER ARM, FAST-VAC
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 5025097
28	5020807	1	SPRING, Extension
29	7091575	1	NUT, 5/16-18 Hex Center Lock
30	5411464A	1	WELD, Fast-Vac Guard - BLK -(S/N: 07/15/2013 & Later)
31	-----	1	ZERK, Grease Fitting (65 Deg, 1/4-28 Taper Male)

Footnotes:

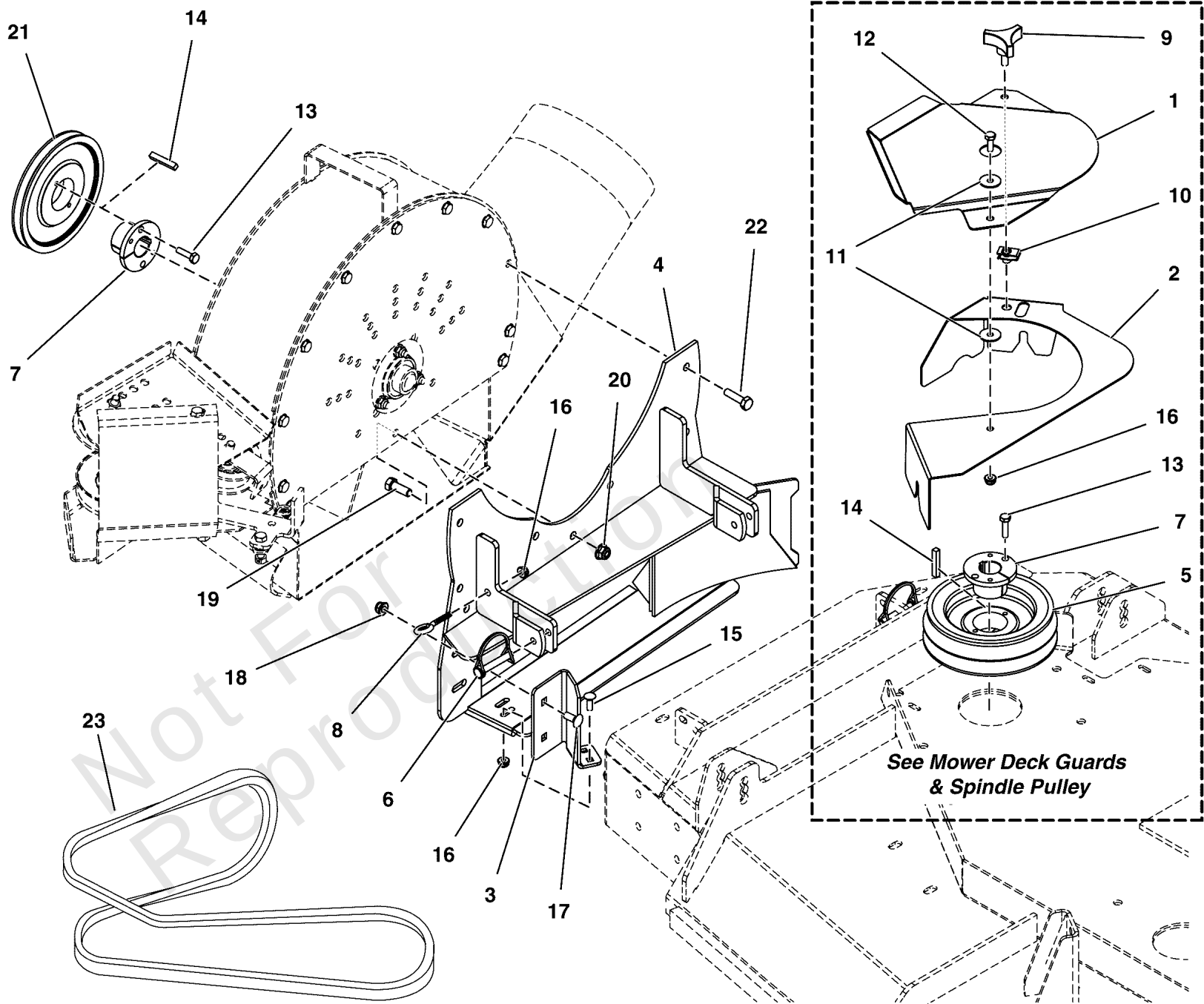
**If replacing, order 5411464A also.

Blower Mount Group - IS3200Z / F320Z Series, FAST-Vac

Note: Unless noted otherwise, use the standard torque specifications

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5304154



Blower Mount Group - IS3200Z / F320Z Series, FAST-Vac

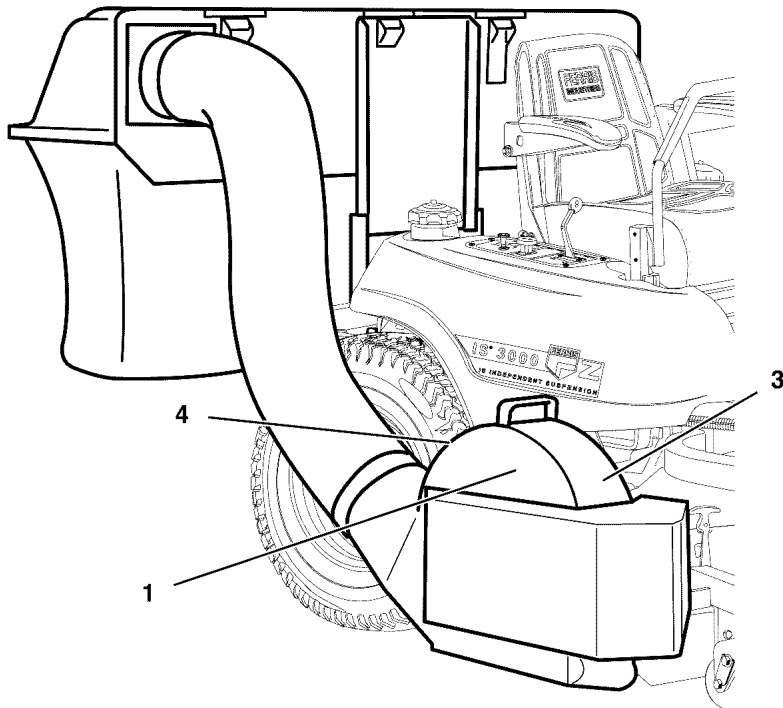
REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	SEE MOWER DECK GUARDS & SPINDLE PULLEY
2	-----	1	SEE MOWER DECK GUARDS & SPINDLE PULLEY
3	5408272A	1	BRACKET, DEFLECTOR PLATE, 61" iCD - BLK
4	5408254A	1	WELD, ADAPTER, 61ICD, FVAC - BLK
5	-----	1	SEE MOWER DECK GUARDS & SPINDLE PULLEY
6	5100847	2	SNAPPERPIN, 5/16 X 2
7	5020819	2	BUSHING, TAPERED HUB
8	5022205	1	EYE BOLT, 1/4-20 X 2.5, 1THRD, .5EYE,CZ
9	5022319	1	KNOB, PLASTIC, 5/16-18 X 3/4
10	5022308	1	BODY CLIP, 5/16-18-7GA MATERIAL
11	5025288	2	WASHER, 1/4 FENDER
12	5025010X6	1	BOLT, 1/4-20 X 3/4 GD5 CZ
13	5025010X8	4	BOLT, 1/4-20 X 1" GD5 CZ
14	5022726	2	KEY 1/4 SQ X 1 1/2 LONG
15	1960252	2	BOLT-RD HD SH SQ NK 1/4-20X0.625 G5 BLK
16	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
17	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE
18	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
19	5025013X8	3	BOLT, 3/8-16 X 1" GD5 CZ
20	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
21	5104406	1	PULLEY, SPLIT STEEL, 6.432"OB, HQ BORE
22	5025059X8	6	BOLT, 5/16-18 X 1, SELF-TAPPING
23	5100974	1	BELT, A-SEC, 102.9"EL, ARAMID, WRPD

Decal Group - Fast-Vac Blower S/N: 07/2014 & Above

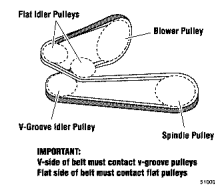
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5600863

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1 — **FAST-Vac**



3 _____

4 _____

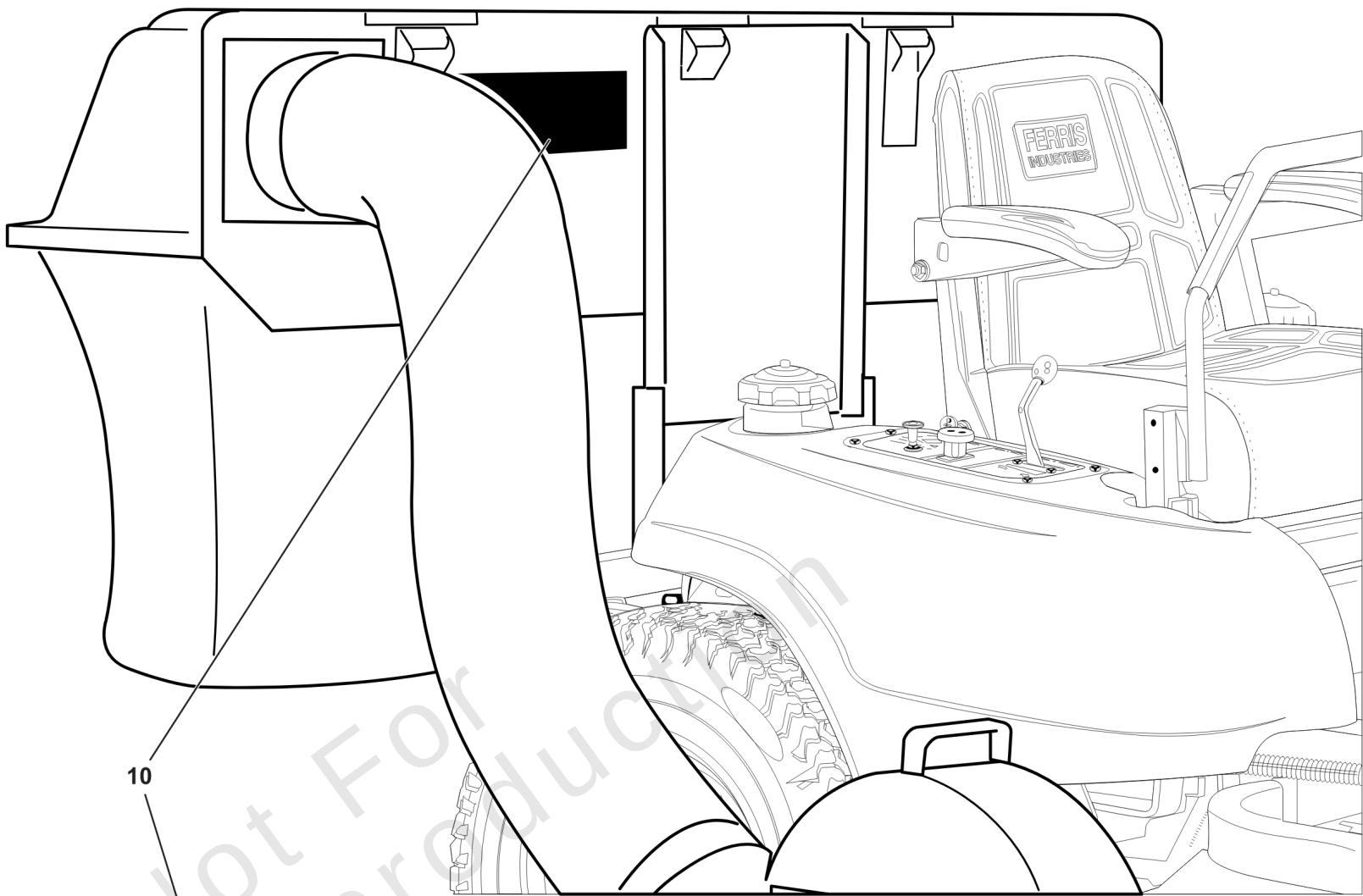
Decal Group - Fast-Vac Blower S/N: 07/2014 & Above

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

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Decal Group - Hard Top Collection System

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5600863



Decal Group - Hard Top Collection System

REF NO	PART NO	QTY	DESCRIPTION
10	5104315FS	1	DECAL

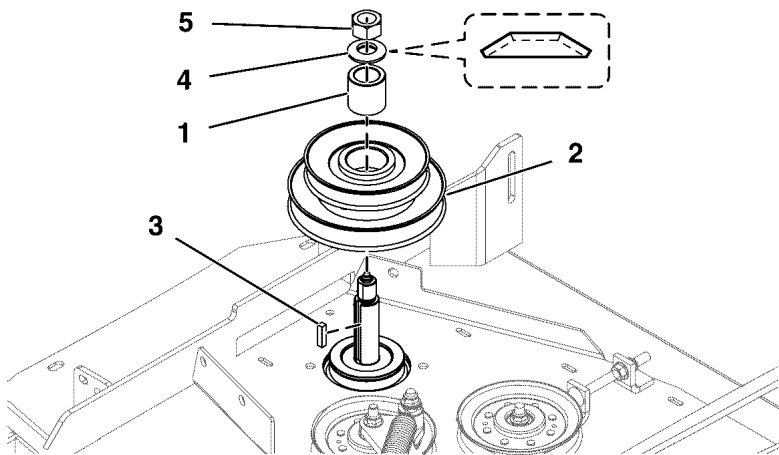
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Mower Deck Guards & Spindle Pulley - 2-Belt Driven Mower Decks

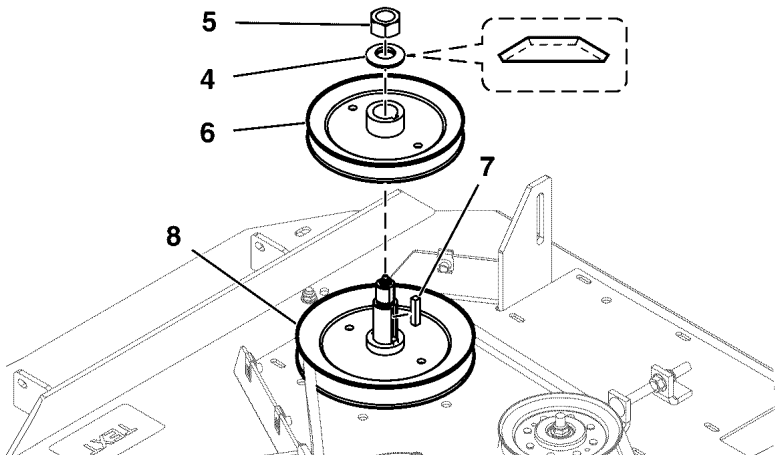
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5600863

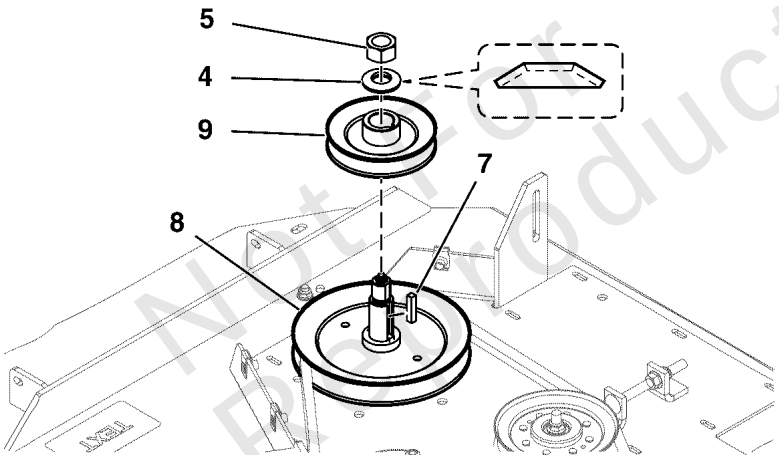
52" Mower Decks
(5303119, 5303823, 5303088)



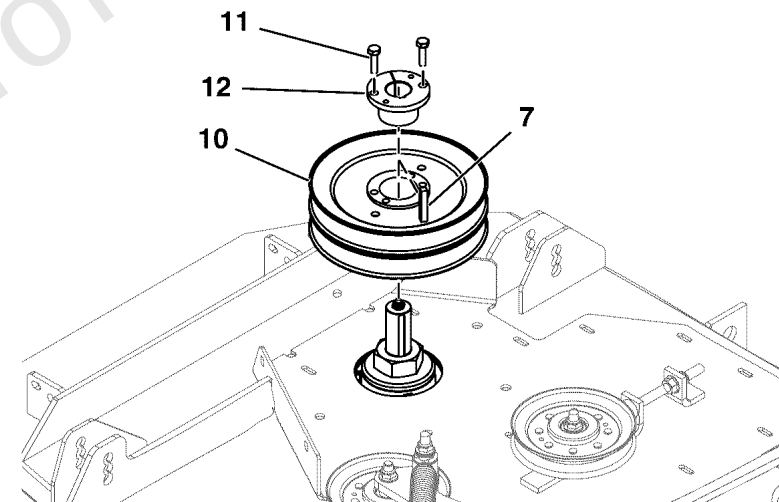
5303116 5303821 5303119 5303823
5303088 5304154 5304153
61" Mower Decks - Fast-Vac Collection Systems
(5303116)



61" Mower Decks - TURBO-Pro MAX Collection Systems
(5303821)

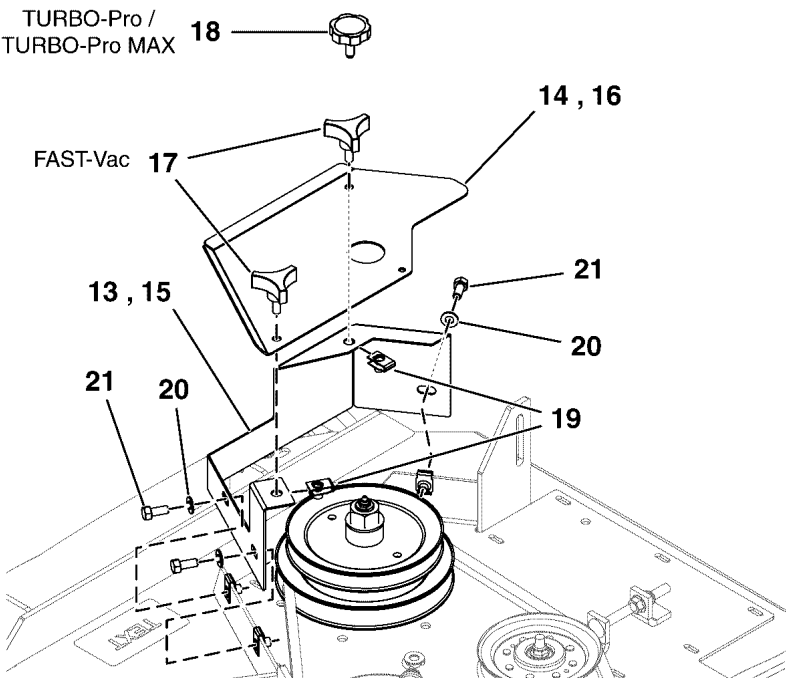


61" Mower Decks w/ Tapered Hub
(5304153, 5304154)



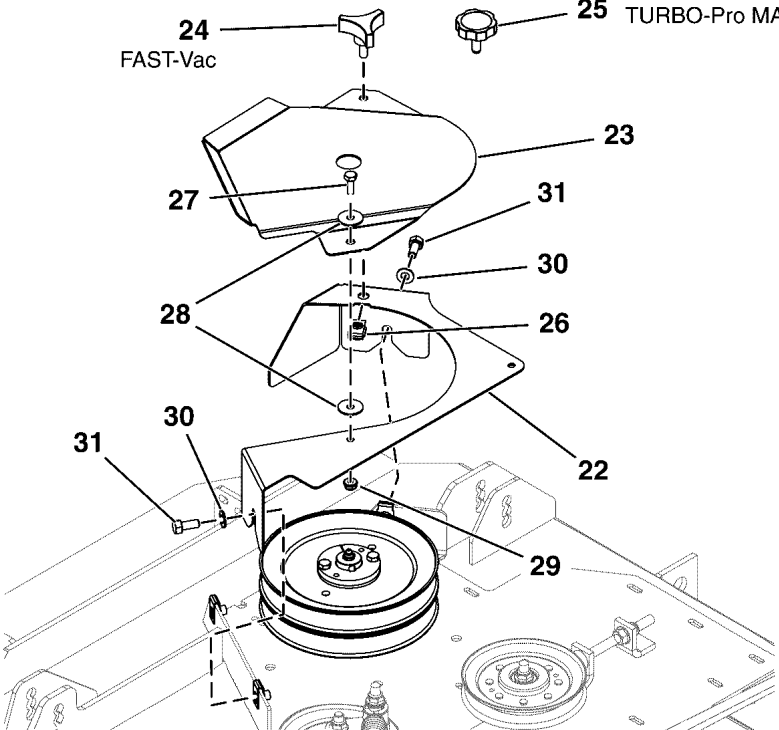
All Other Models
(5303119, 5303823, 5303088, 5303116, 5303821)

TURBO-Pro /
TURBO-Pro MAX



61" Mower Decks w/ Tapered Hub
(5304153, 5304154)

FAST-Vac TURBO-Pro /
TURBO-Pro MAX



Mower Deck Guards & Spindle Pulley - 2-Belt Driven Mower Decks

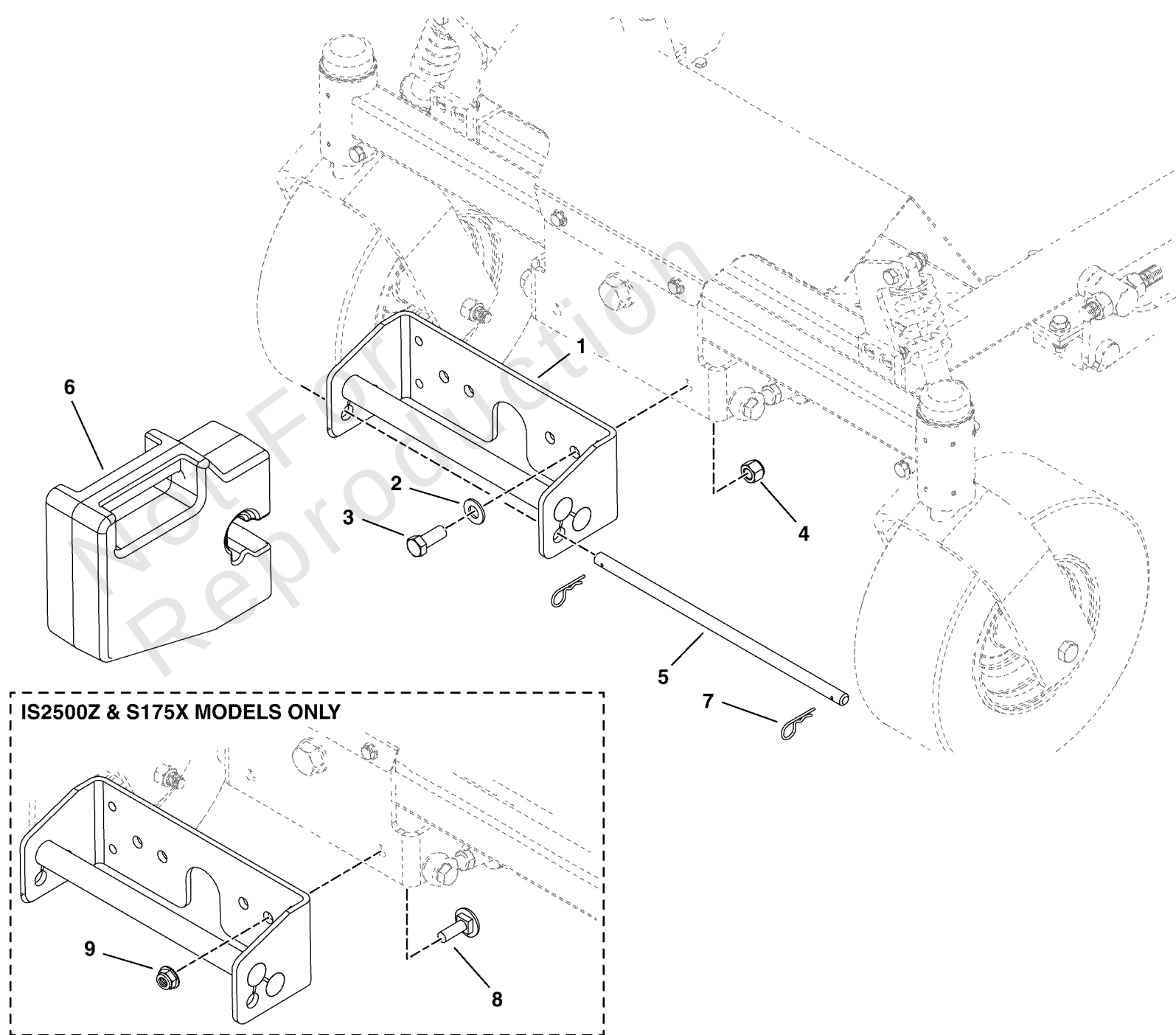
REF NO	PART NO	QTY	DESCRIPTION
1	5105339	1	SPACER, 1.00"ID X 1.50"OD X 1.48", BZ -(52" Mower Decks)
2	5023177	1	PULLEY, BLOWER 52" DECK -(FAST-Vac Units)
2	5103468	1	PULLEY, DOUBLE, 52" DECK -(TURBO-Pro / TURBO-Pro MAX Units)
3	5022726	1	KEY 1/4 SQ X 1 1/2 LONG
4	5025406	1	WASHER, 3/4 BELLEVILLE CL/ZC -(Existing Components on Deck)
5	5025405	1	NUT, 3/4-16 Hex -(Existing Components on Deck)
6	5105338	1	PULLEY, V SPINDLE, 4.30"OB X .985"ID
7	5022726	1	KEY 1/4 SQ X 1 1/2 LONG
8	-----	0	EXISTING MOWER DECK PULLEY
9	5105334	1	PULLEY, V SPINDLE, 6.18"OB X .985"ID
10	5105006	1	PULLEY, SPNDL, 7.032"OB-DBL, HQ BORE
11	5025010X8	2	BOLT, 1/4-20 X 1" GD5 CZ
12	5020819	1	BUSHING, Tapered Hub
13	5416222AA	1	GUARD, PULLEY, BLWR -BLK -(61" Mower Decks)
14	5416223AA	1	GUARD, BLOWER BELT - BLK -(61" Mower Decks)
15	5416220AA	1	GUARD, DECK PULLEY - BLK -(52" Mower Decks)
16	5416221AA	1	PLATE, BELT GUARD - BLK -(52" Mower Decks)
17	5022319	2	KNOB, PLASTIC, 5/16-18 X 3/4" -(FAST-Vac Units)
18	5101731	2	KNOB, 5/16-18 X 1.00, ROSETTE BLACK -(TURBO-Pro / TURBO-Pro MAX Units)
19	5022308	2	BODY CLIP, 5/16-18-7GA MATERIAL
20	5025155	3	WASHER, 5/16" SAE
21	5025011X6	3	BOLT, 5/16-18 X 3/4 GD5
22	5416224AA	1	GUARD, DECK PULLEY, IS3200-61, RH - BLK
23	5413841AA	1	SHIELD, BELT, 3200-61", BLOWER - BLK
24	5022319	1	KNOB, PLASTIC, 5/16-18 X 3/4" -(FAST-Vac Units)
25	5101731	1	KNOB, 5/16-18 X 1.00, ROSETTE BLACK -(TURBO-Pro / TURBO-Pro MAX Units)
26	5022308	1	BODY CLIP, 5/16-18-7GA MATERIAL
27	5025010X6	1	BOLT, 1/4"-20 X 3/4" GD5 YZ
28	5025288	2	WASHER, 1/4" Fender
29	5025391	1	NUT, 1/4-20 Hex Nylock Flange
30	5025155	2	WASHER, 5/16" SAE
31	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5

Weight Mount Group, 66/100 LBS

Note: Unless noted otherwise, use the standard torque specifications

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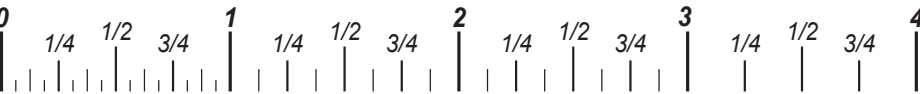
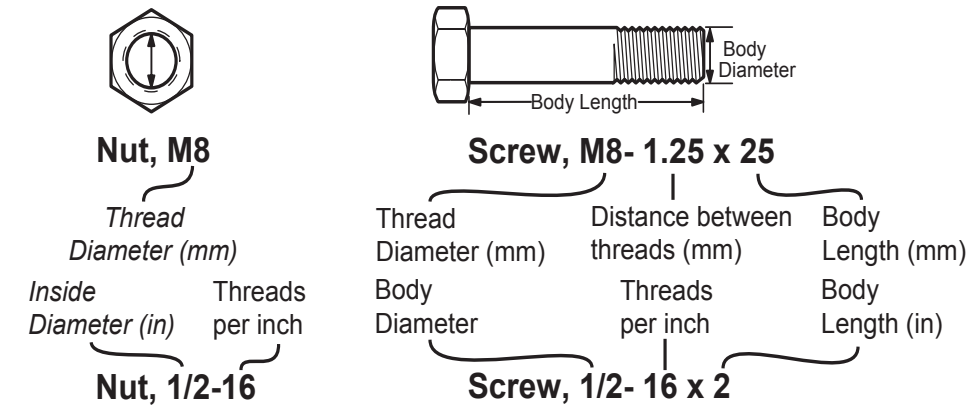
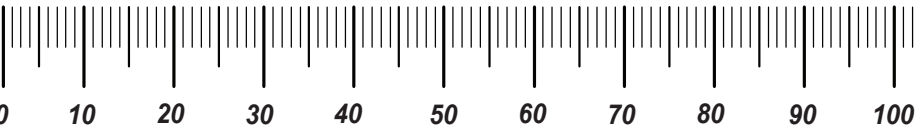
Weight Mount Group, 66/100 LBS

REF NO	PART NO	QTY	DESCRIPTION
1	5049082ASM	1	HOLDER ASSEMBLY, Weight
2	5025158SM	2	WASHER, 1/2" SAE
3	5025018X10SM	2	BOLT, 1/2-20 X 1-1/4" GD8 CZ
4	5025098SM	2	NUT, 1/2-20 HEX NYLON
5	5049143SM	1	ROD-.500DIA 13.75LG Y
6	1692939SM	2	WEIGHT, QUICK ATTACH -(3-Bag Collection System)
6	1691319SM	2	WEIGHT - 33LBS -(2-Bag Collection System)
7	5025210YP	2	PIN, HAIR, .0915 X 1-7/8
8	5025324X10YP	2	BOLT
9	770225	2	NUT

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).

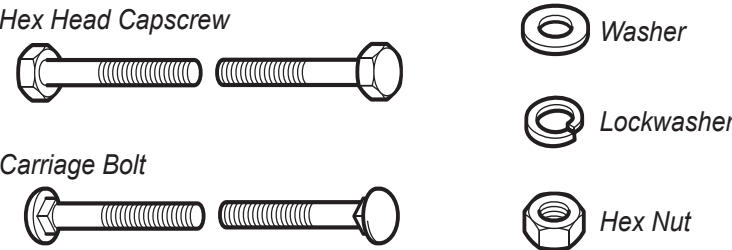
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

