

Parts Manual

Mfg. No: 5601544

52" iCD+ TURBO-Pro Max; 3-Bag Grass
Collection System (ISX2200)

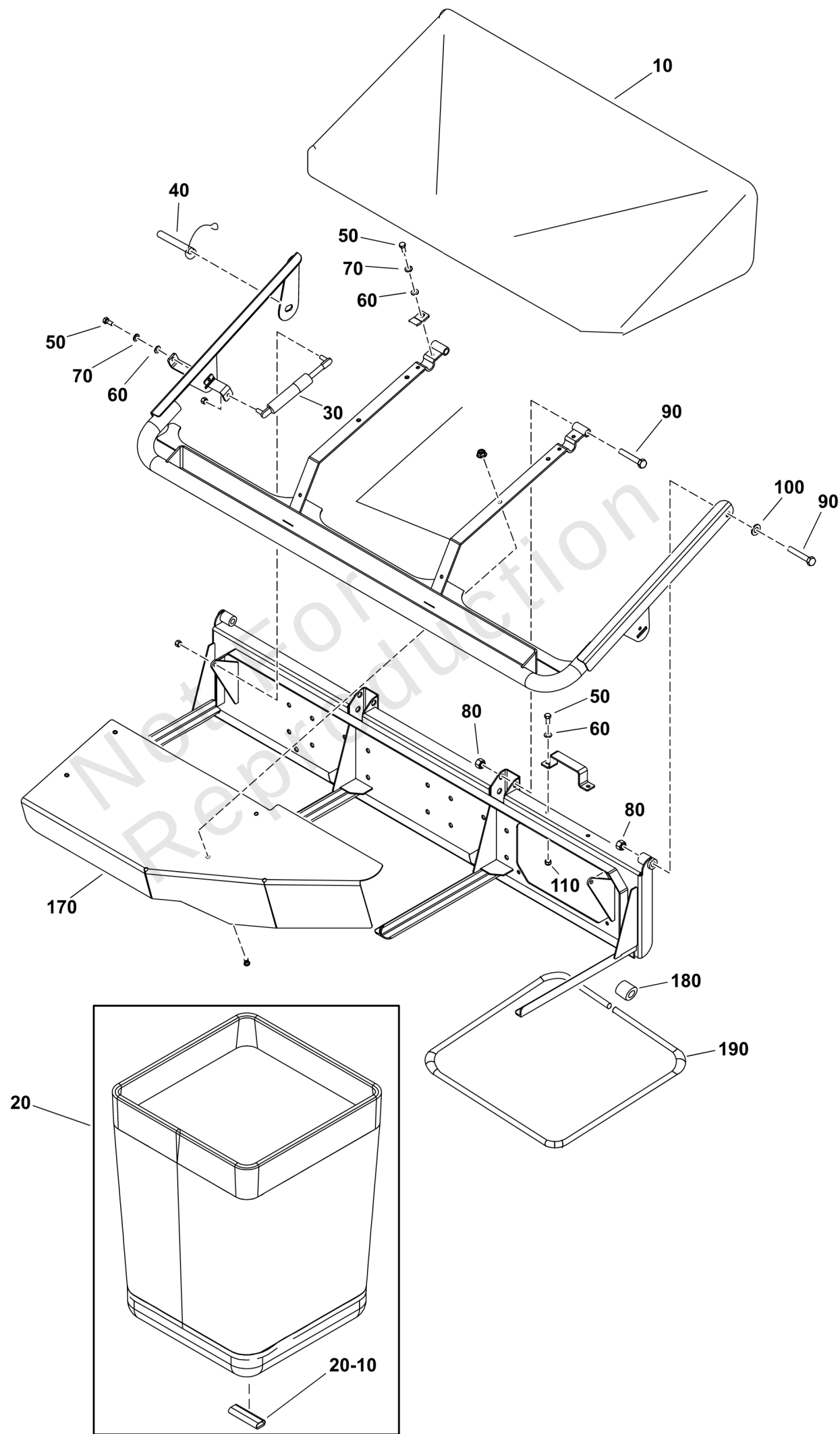
Model Components	Page
3-Bag Catcher & Cover Group - Soft Top System.	4
3-Bag Grass Catcher - Inlet, Hose, and Clamps.	6
3-Bag Mount Group - Soft-Top System.	8
Blower Assembly Group.	10
Blower Group - Blower Adapter.	12
Blower Group - Decals.	14
Blower Group - Guards, Pulleys, and Deck Mount.	16
Blower Group - Idler Arm.	18
Blower Group - Pulley Plate.	20
Weight Mount and Weight Group.	22
Torque Specification Chart.	24

Not For
Reproduction

3-Bag Catcher & Cover Group - Soft Top System

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5601544



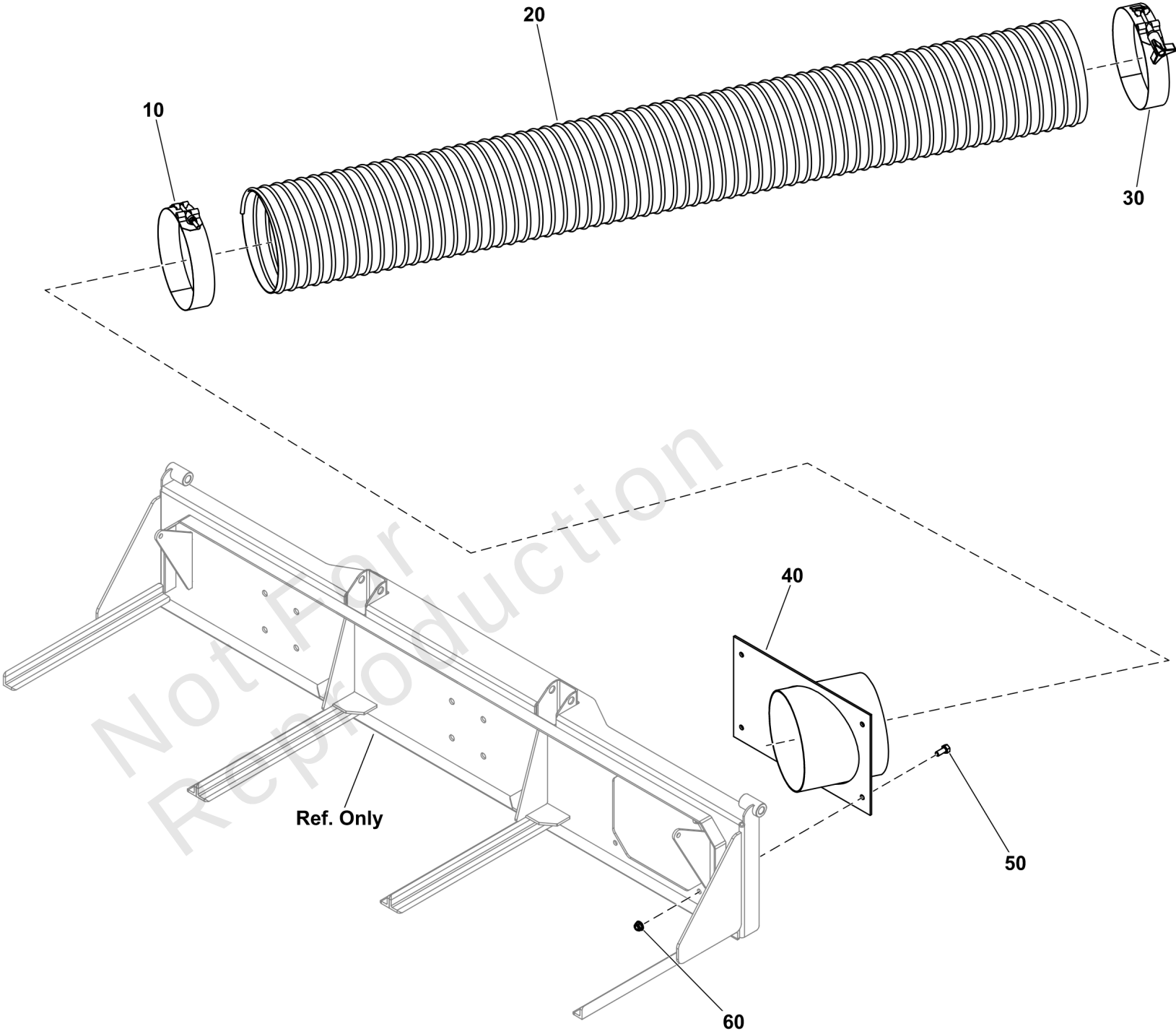
3-Bag Catcher & Cover Group - Soft Top System

REF NO	PART NO	QTY	DESCRIPTION
10	5100154YP	1	3 BAG AIR DOME
20	84010921	3	BAG ASSEMBLY -(Includes item # 20-10).
20-10	84008039	3	GRIP, Hande
30	5100152SM	2	GAS CYLINDER
40	5100151	1	DETENT PIN W/ LANYARD
50	5025011X6SM	14	BOLT, 5/16-18 X 3/4"
60	703350	10	WASHER
70	5025170SM	6	WASHER, 5/16" LOCK
80	5025056FS	4	NUT
90	5025018X24SM	4	BOLT, 1/2-20 X 3" GD8
100	5025158SM	2	WASHER, 1/2" SAE
110	5025057FS	4	NUT
170	5400197AYP	1	BAFFLE FAST VAV SYST
180	5100730SM	1	CONNECTOR FRAME
190	5100729SM	1	BAG FRAME

3-Bag Grass Catcher - Inlet, Hose, and Clamps

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5601544



3-Bag Grass Catcher - Inlet, Hose, and Clamps

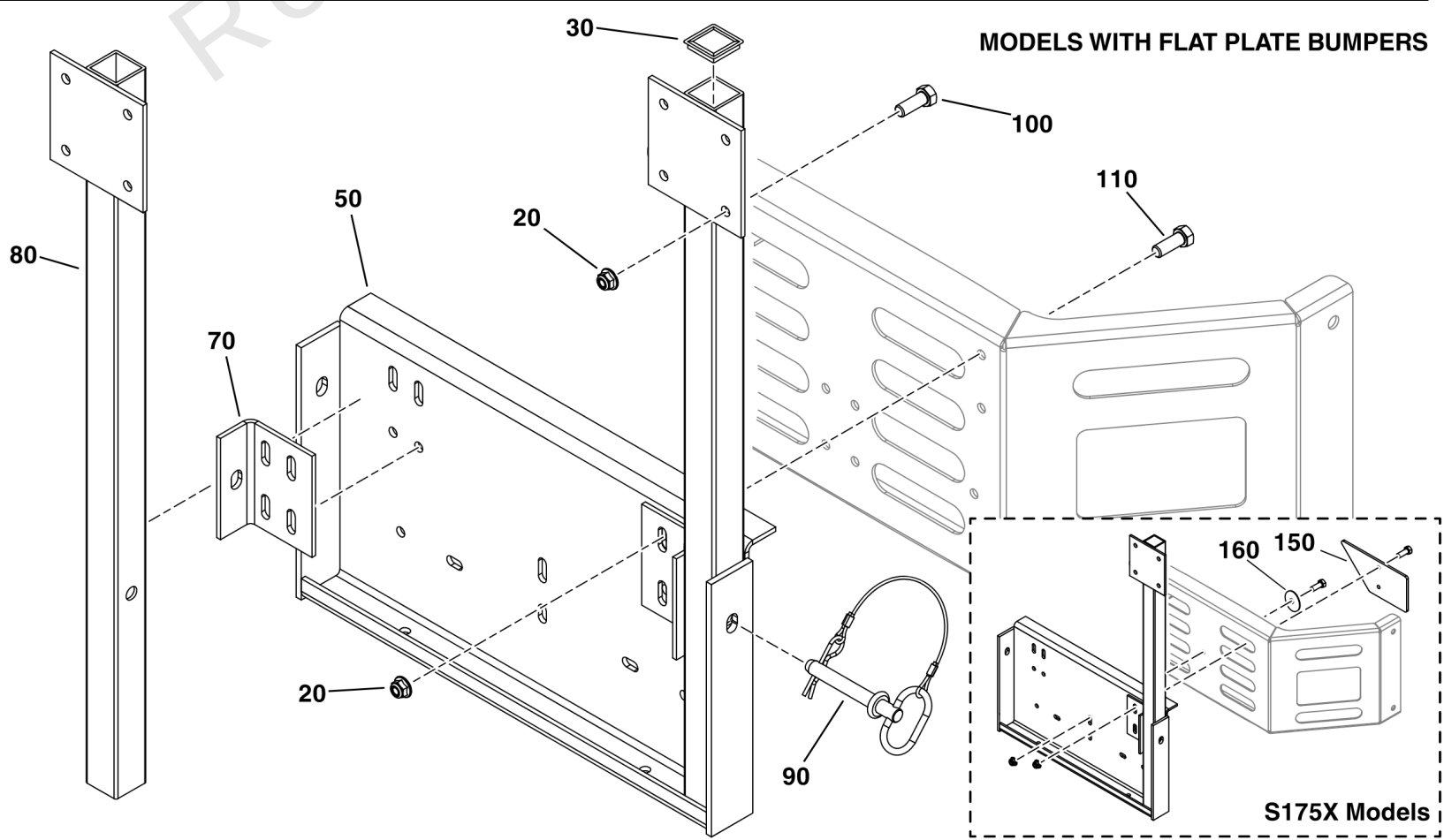
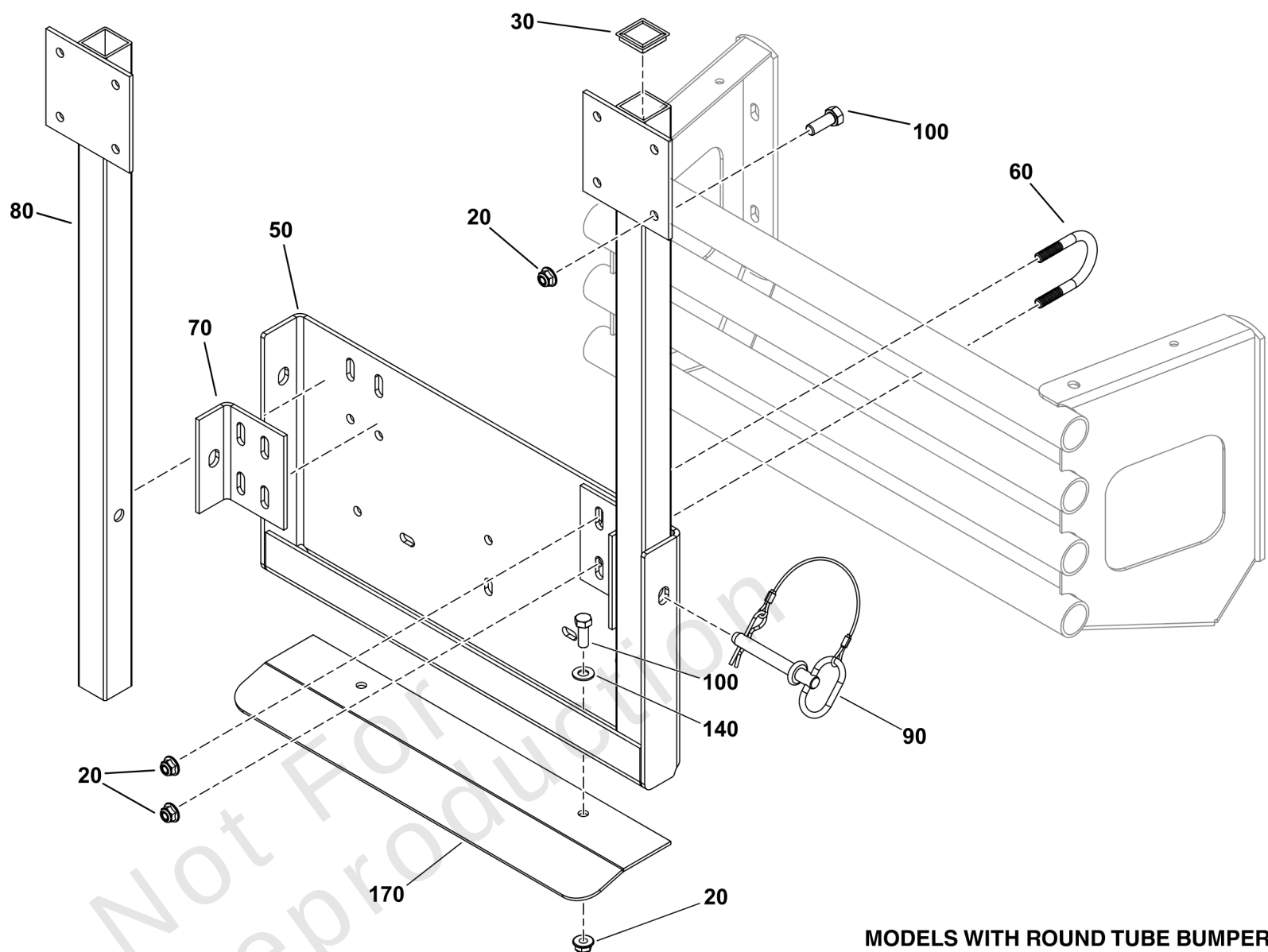
REF NO	PART NO	QTY	DESCRIPTION
10	5022875SM	1	CLAMP, HOSE, UPPER
20	5103646YP	1	HOSE, FLEXIBLE, 7"
30	5022876SM	1	CLAMP, HOSE, LOWER
40	5400145AYP	1	WELD, INLET BLOWER 3-
50	5025011X6SM	4	BOLT, 5/16-18 X 3/4"
60	5025392FS	4	NUT

Not For Reproduction

3-Bag Mount Group - Soft-Top System

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5601544



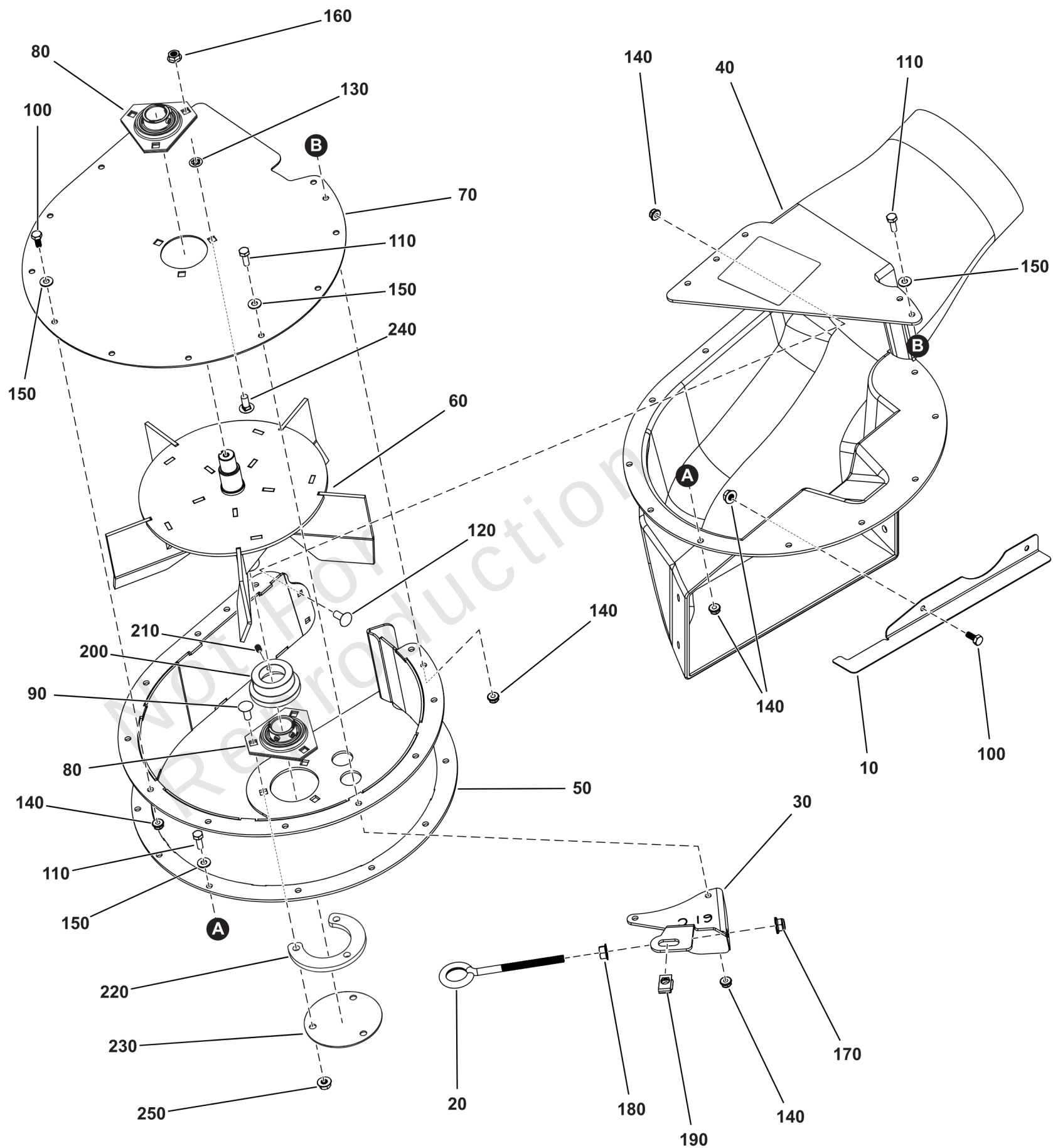
3-Bag Mount Group - Soft-Top System

REF NO	PART NO	QTY	DESCRIPTION
20	5025394SM	16	NUT, 3/8-16 HEX NYLOCK
30	5022848SM	2	CAP, PLASTIC
50	5422549AAFS	1	MOUNT, BAGGER
60	5100009SM	3	U-BOLT, 3/8 X 1-1/4
70	5402665AYP	2	BRACKET-MOUNTING
80	5400043AYP	2	WELD, MOUNT, POST - B
90	5100013SM	2	PIN, HITCH, .50 X 3.2
100	5025013X8SM	10	BOLT, 3/8-16 X 1" GD5
110	5025013X10SM	4	BOLT, 3/8-16 X 1-1/4"
140	5025156FS	6	WASHER
150	5407783AYP	2	PLATE, SUPPORT
160	5025326SM	1	WASHER, .39 X 2.00 X
170	84008040	1	SHIELD, Heat

Blower Assembly Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5601544



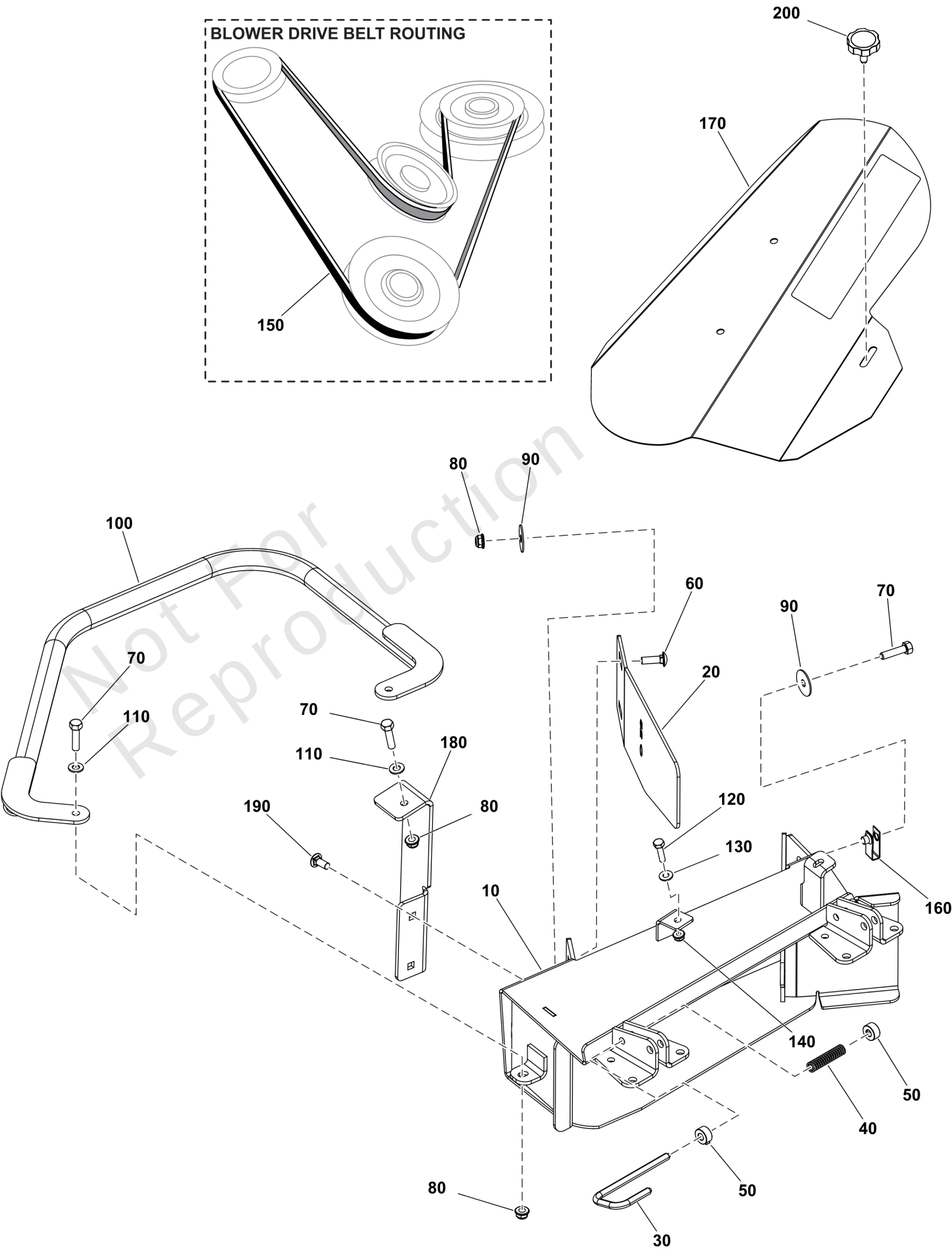
Blower Assembly Group

REF NO	PART NO	QTY	DESCRIPTION
10	84008042	1	ADAPTER
20	5021812SM	1	EYE BOLT, 3/8-16 X 4-
30	84008043	1	ANCHOR, Spring
40	84008103	1	HOUSING, Blower -(Includes decals. See Blower Group - Decals for decal part numbers.)
50	84008044	1	SHROUD, Fan
60	84007864	1	IMPELLER
70	84008045	1	IMPELLER, Top
80	5110099FS	2	BEARING, FLANGE
90	5025145X8SM	3	BOLT, 5/16-18 X 1", C
100	5025010X8SM	7	BOLT, 1/4-20 X 1", GD
110	5025010X6SM	17	BOLT, 1/4-20 X 3/4" G
120	703575	2	BOLT, 1/4-20X.750, SQ
130	5025498YP	3	NUT, PUSH ON, 5/16
140	5025391FS	26	NUT
150	84007033	24	WASHER
160	5025127SM	3	NUT, 5/16-18 HEX SERR
170	5025394SM	1	NUT, 3/8-16 HEX NYLOCK
180	5025128SM	1	NUT, 3/8-16 HEX SERRA
190	5022308SM	1	BODY CLIP, 5/16-18 X
200	84008050	1	GUARD
210	84008051	2	SET SCREW
220	84008052	1	PLATE, SPACER
230	84008053	1	PLATE, COVER
240	703185	3	BOLT, Round Head, Short Square Neck
250	5025392FS	3	NUT

Blower Group - Blower Adapter

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5601544



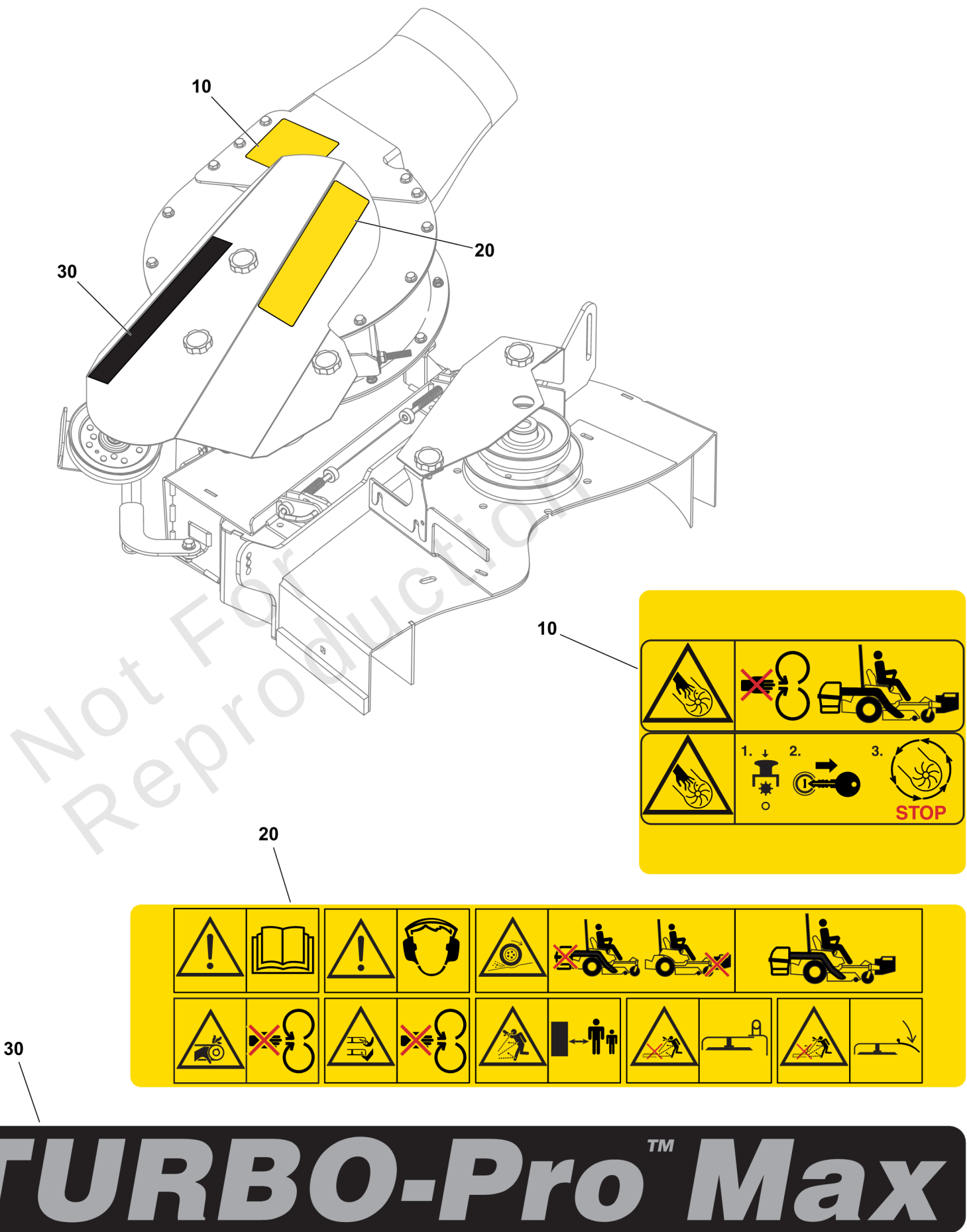
Blower Group - Blower Adapter

REF NO	PART NO	QTY	DESCRIPTION
10	84013246	1	ADAPTER, Mounting -(Includes ref #30, #40, and #50.)
20	84008100	1	PLATE, Baffle
30	5104203FS	2	ROD
40	5020637YP	2	SPRING-COMP, .375IDX2
50	5020047SM	4	COLLAR, 5/16" SET
60	5025145X8SM	2	BOLT, 5/16-18 X 1", C
70	5025011X8FS	5	BOLT
80	5025392FS	5	NUT
90	5025164SM	4	WASHER, 5/16" FENDER
100	84008101	1	BAR
110	703350	3	WASHER
120	5025010X8SM	2	BOLT, 1/4-20 X 1", GD
130	84007033	2	WASHER
140	5025391FS	2	NUT
150	84008031	1	BELT
160	5025452YP	2	CLIP
170	5600740	1	HOOD W/ DECALS - TURBO PRO-MAX -(Includes decals. See Blower Group - Decals for decal part numbers.)
180	84008034	1	BRACKET
190	5025145X6SM	2	BOLT, 5/16-18 X 3/4",
200	5101731YP	3	KNOB, 5/616-18 X 1

Blower Group - Decals

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5601544



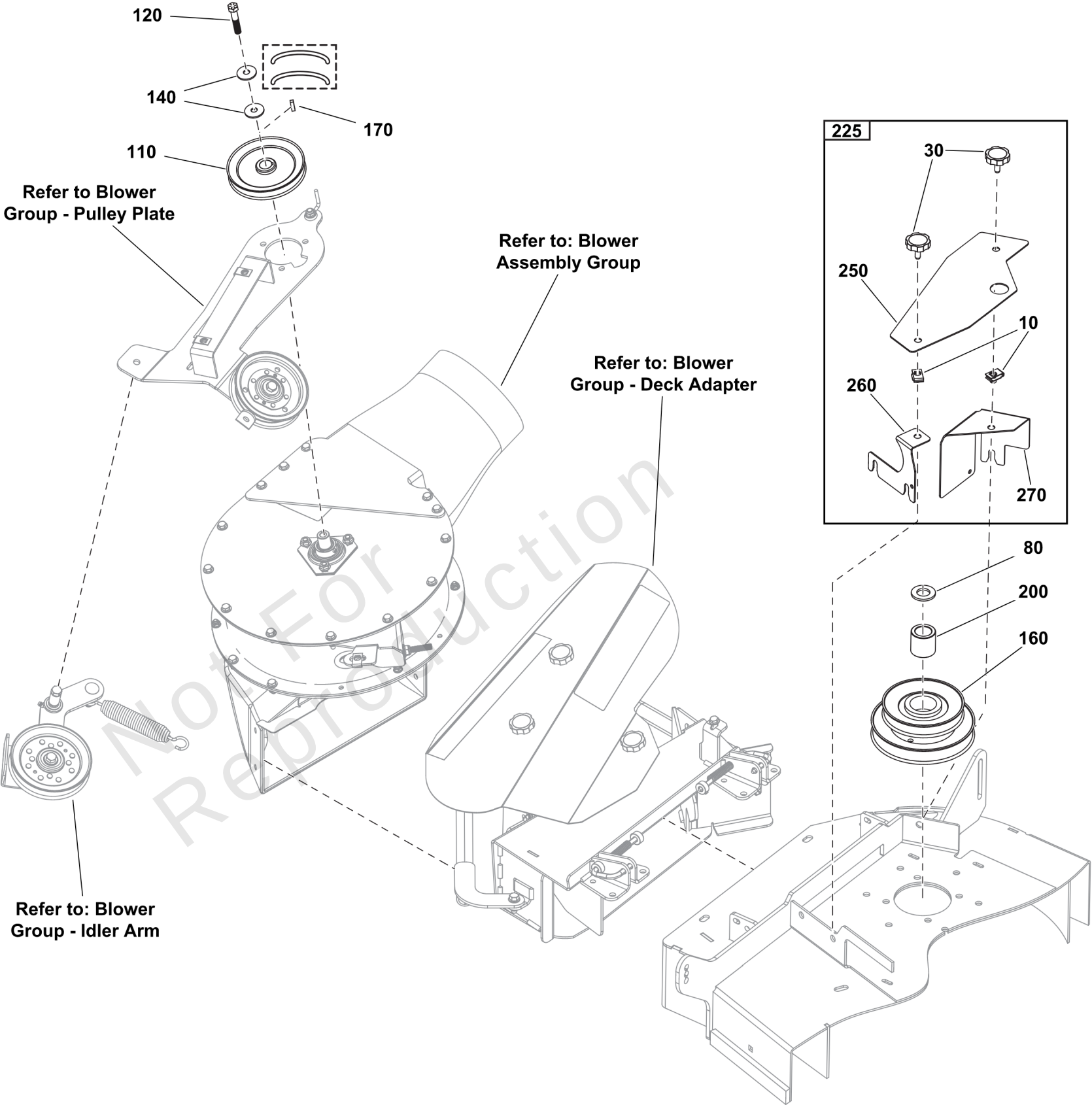
Blower Group - Decals

REF NO	PART NO	QTY	DESCRIPTION
10	84008094	1	DECAL, Warning/Safety
20	84008093	1	DECAL, Warning/Safety
30	5104285FS	1	DECAL, MODEL

Not For Reproduction

Blower Group - Guards, Pulleys, and Deck Mount

Note: Unless noted otherwise, use the standard torque specifications Mfg. No: 5601544



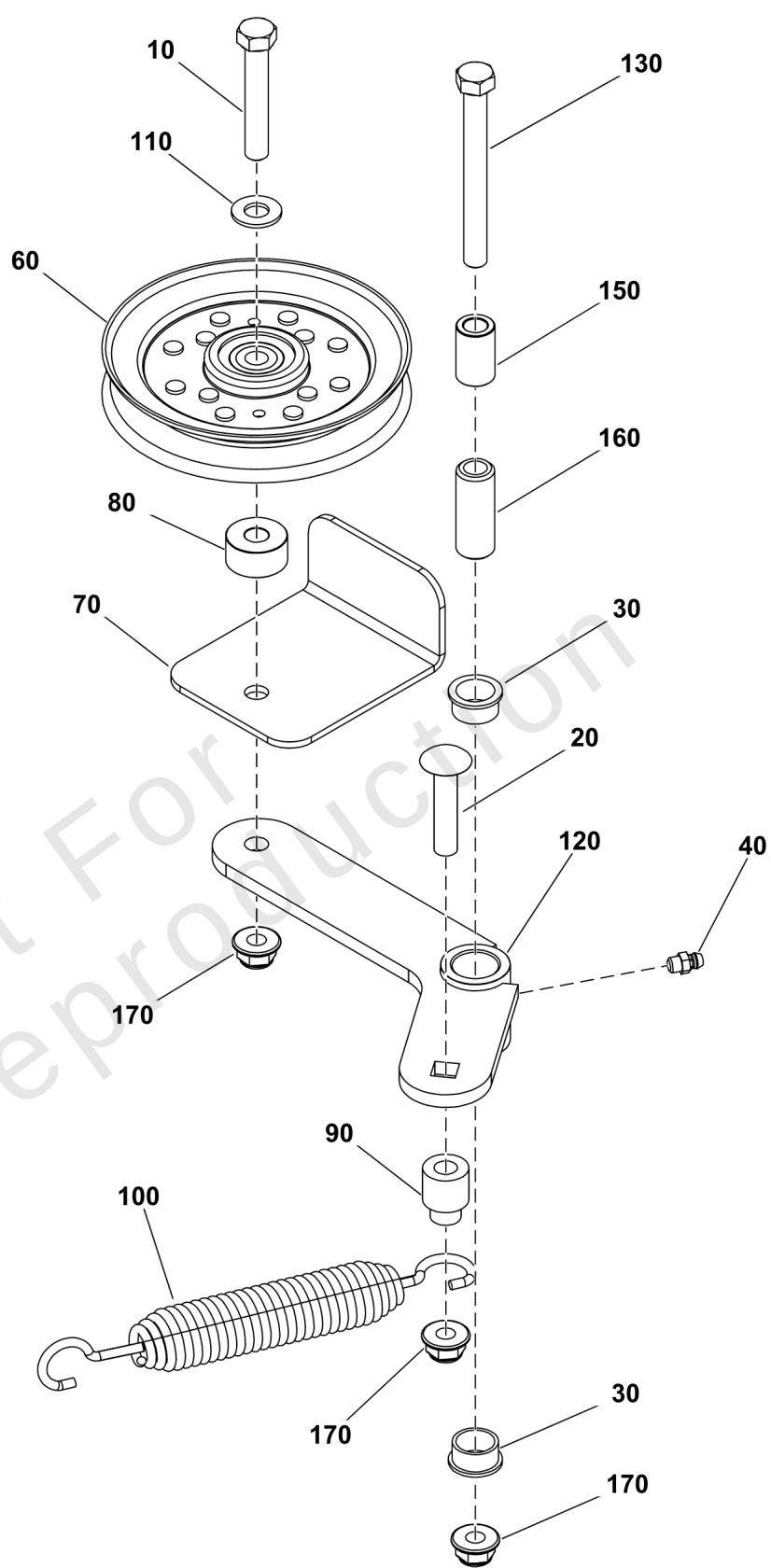
Blower Group - Guards, Pulleys, and Deck Mount

REF NO	PART NO	QTY	DESCRIPTION
10	5022308SM	2	BODY CLIP, 5/16-18 X
30	5101731YP	2	KNOB, 5/616-18 X 1
80	5025160SM	1	WASHER, 3/4" SAE
110	5103836FS	1	PULLEY
120	84008037	1	BOLT
140	5106588FS	2	WASHER, BEVELED
160	5103468YP	1	PULLEY, DOUBLE
170	5050403X4YP	1	KEY, SQUARE
200	5105339FS	1	SPACER
225	84013247	1	PLATE, Cover -(Includes ref #10, #30, #250, #260, and #270.)
250	-----	1	Plate, Belt Guard
260	-----	1	Guard, Pulley, Front
270	-----	1	Guard, Pulley, Rear

Blower Group - Idler Arm

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5601544



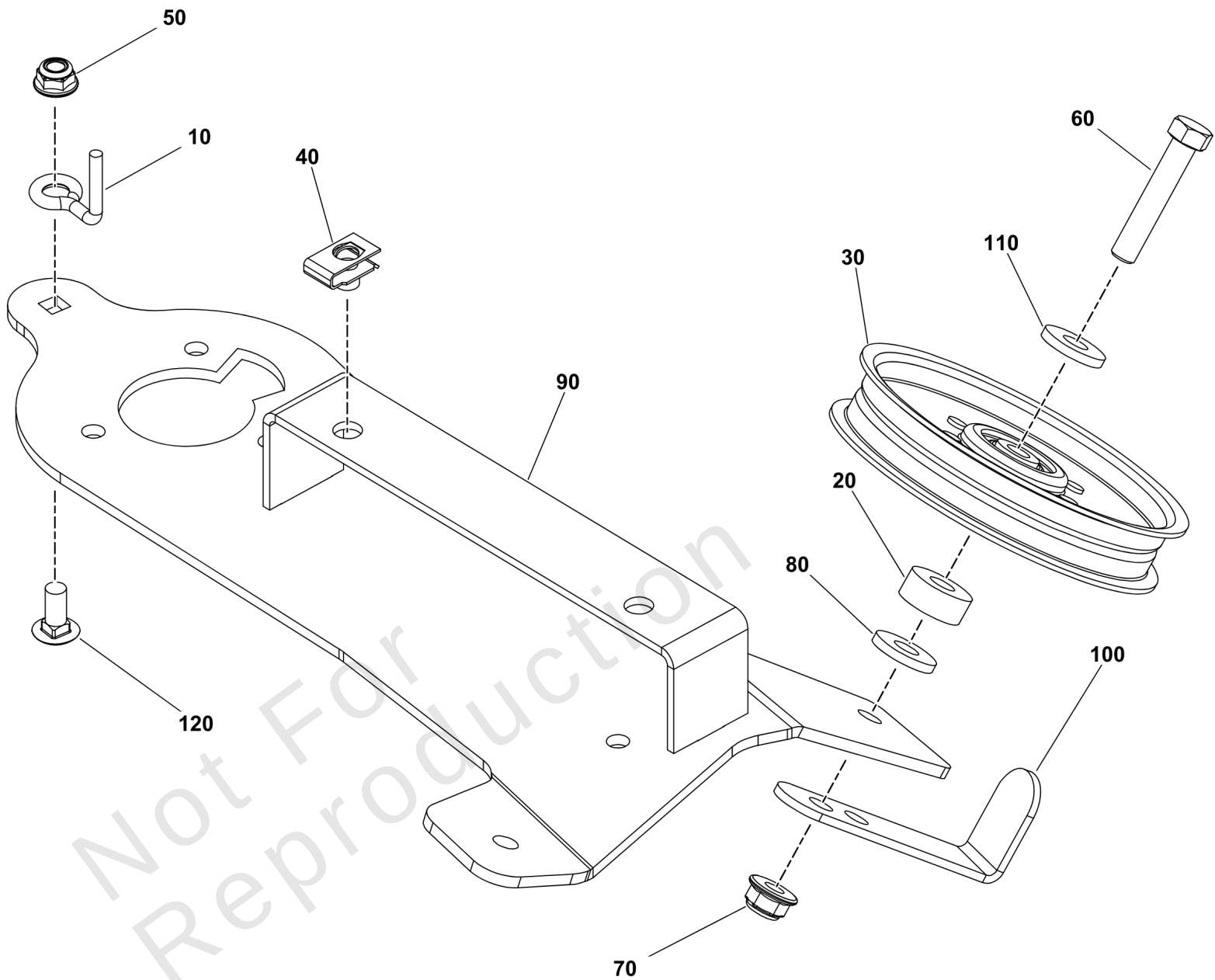
Blower Group - Idler Arm

REF NO	PART NO	QTY	DESCRIPTION
10	5025013X18SM	1	BOLT, 3/8-16 X 2-1/4"
20	703858	1	BOLT, 3/8-16X1.75
30	1676148SM	2	BUSHING-0.628IDX
40	5020095SM	1	GREASE FITTING, 1/4-2
60	5103456YP	1	PULLEY-IDLER-V, 4.85OB, .38ID
70	5409609AFS	1	RETAINER
80	5046860SM	1	SPACER
90	1706644SM	1	SPACER,3/8X3/4X15/16
100	5022847SM	1	SPRING, EXTENSION, SW
110	5025156FS	2	WASHER
120	5409892YP	1	ARM-IDLER -(Includes items # 30 and 40).
130	5025013X28SM	1	BOLT, 3/8-16 X 3-1/2"
150	5101933YP	1	SPACER
160	5102322YP	1	SPACER
170	5025394SM	3	NUT, 3/8-16 HEX NYLOCK

Blower Group - Pulley Plate

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5601544



Blower Group - Pulley Plate

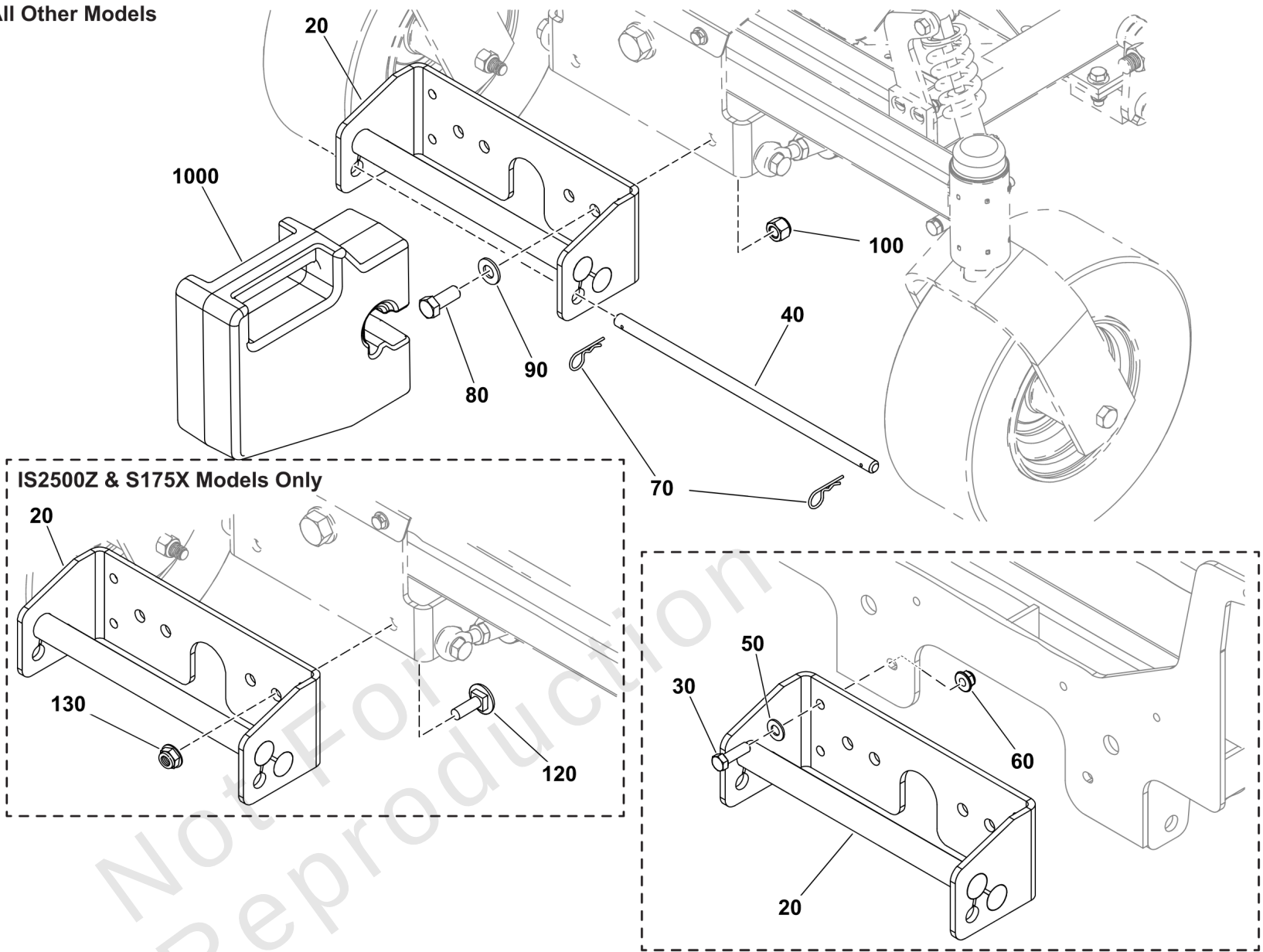
REF NO	PART NO	QTY	DESCRIPTION
10	5103488YP	1	KEEPER
20	1667811SM	1	SPACER
30	84008041	1	PULLEY, Idler
40	5022308SM	2	BODY CLIP, 5/16-18 X
50	5025392FS	1	NUT
60	703589	1	CAPSCREW, 3/8-16X2
70	5025394SM	1	NUT, 3/8-16 HEX NYLOCK
80	5025165SM	1	WASHER, 3/8" FENDER
90	84008097	1	PLATE ASSEMBLY
100	5409610AFS	1	RETAINER
110	704128	1	WASHER
120	5025145X6SM	1	BOLT, 5/16-18 X 3/4",

Weight Mount and Weight Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 5601544

All Other Models



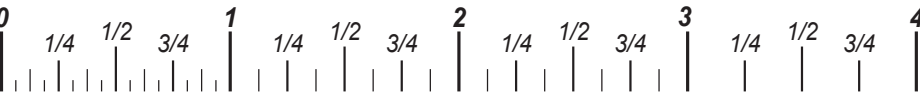
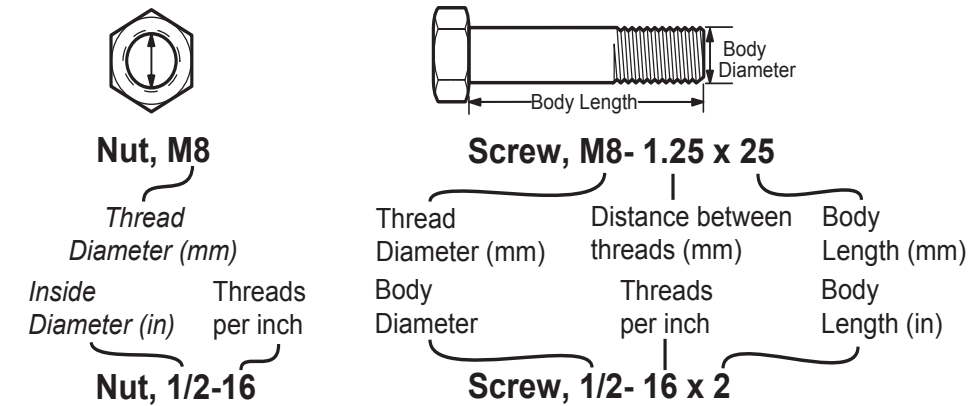
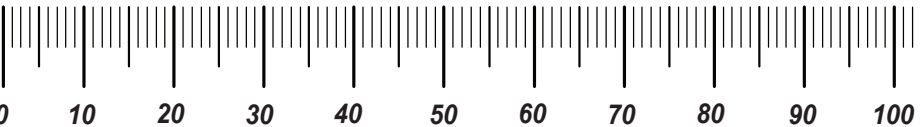
Weight Mount and Weight Group

REF NO	PART NO	QTY	DESCRIPTION
20	5049082ASM	1	HOLDER ASSEMBLY, Weight
30	5025013X10SM	2	BOLT, 3/8-16 X 1-1/4"
40	5049143SM	1	ROD-.500DIA 13.75LG Y
50	5025156FS	2	WASHER
60	5025394SM	2	NUT, 3/8-16 HEX NYLOCK
70	5025210YP	2	PIN, HAIR, .0915 X 1-7/8
80	5025018X10SM	2	BOLT, 1/2-20 X 1-1/4" GD8 CZ
90	5025158SM	2	WASHER, 1/2" SAE
100	5025098SM	2	NUT, 1/2-20 HEX NYLON
120	5025324X10YP	2	BOLT
130	770225	2	NUT
1000	1692939SM	2	WEIGHT, QUICK ATTACH

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).

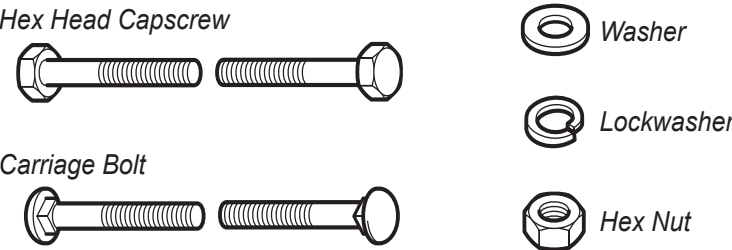
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

