



PARTS MANUAL

3 INCH CHIPPER/SHREDDER

SC3206 – 205cc Briggs & Stratton®

SC3265 – 265cc SUBARU

SC3305 – 305cc Briggs & Stratton®

SC3305E – 305cc Briggs & Stratton® (Electric)

SC3342 – 342cc Briggs & Stratton®



PN: 14849-00
Rev. 010113
Companion to 14846-00
Range: D00339 - J02572

bearcatproducts.com

Before You Begin

DEAR ECHO Bear Cat® CUSTOMER

Thank you for purchasing an ECHO Bear Cat product. The ECHO Bear Cat line is designed, tested, and manufactured to give years of dependable performance. To keep your machine operating at peak efficiency, it is necessary to adjust it correctly and make regular inspections. The following pages will assist you in the operation and maintenance of your machine. Please read and understand this manual before operating your machine.

If you have any questions or comments about this manual, please call us toll-free at 888.625.4520.

If you have any questions or problems with your machine, please call or write your local authorized ECHO Bear Cat dealer.

This document is based on information available at the time of its publication. ECHO Bear Cat is continually making improvements and developing new equipment. In doing so, we reserve the right to make changes or add improvements to our product without obligation for equipment previously sold.

PLEASE SEND US YOUR WARRANTY CARD

A warranty card is included in your owner's kit packaged with your machine. Please take the time to fill in the information requested on the card. When you send your completed card to us, we will register your machine and start your coverage under our limited warranty or go to bearcatproducts.com/Product-Support/Product-Registration.

FOR MACHINE SERVICE OR PARTS

For service assistance, contact your nearest authorized ECHO Bear Cat dealer or the factory. For parts, contact your authorized dealer. The parts manual for your machine is available at bearcatproducts.com/Product-Support/Find-A-Product-Manual. Your dealer will need to know the serial number of your machine to provide the most efficient service. See below for information on how to identify and record the serial number for your machine.

FOR ENGINE SERVICE OR PARTS

For engine service or parts, contact your nearest authorized engine dealer. ECHO Bear Cat does not handle any parts, repairs or warranties for engines.

ORDERING PARTS

Only genuine ECHO Bear Cat replacement parts should be used to repair the machine. Replacement parts manufactured by others could present safety hazards, even though they may fit on this machine. Replacement parts are available from your ECHO Bear Cat dealer.

Provide the following when ordering parts:

The SERIAL NUMBER or VIN of your machine.

The PART NUMBER of the part.

The PART DESCRIPTION.

The QUANTITY needed.

IDENTIFICATION NUMBER LOCATION

Your machine will have a serial number. Serial numbers are located on the machine body. They are 6-digit numbers. For the exact location of the serial number, see the parts manual available at bearcatproducts.com/Product-Support/Find-A-Product-Manual.

Record your identification number in the space provided and on the warranty registration card.

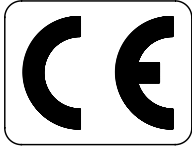
SERIAL NUMBER

MANUFACTURED BY CRARY INDUSTRIES
WEST FARGO, NORTH DAKOTA 58078 U.S.A.
SERIAL NUMBER
MANUFACTURED IN U.S.A.

HOW TO CONTACT ECHO Bear Cat

ADDRESS	PHONE	E-MAIL	HOURS
237 NW 12th Street P.O. Box 849 West Fargo, ND 58078	888.625.4520 701.282.5520 Fax: 701.282.9522	sales@bearcatproducts.com service@bearcatproducts.com	Monday - Friday 8 a.m. to 5 p.m. Central Time

Is my machine CE Compliant?

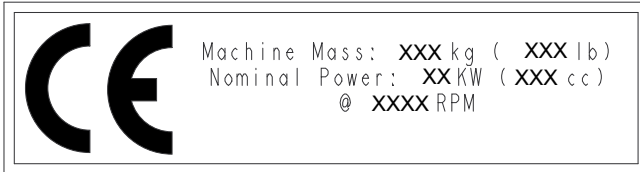


The CE marking (also known as the "CE mark") is a mandatory compliance mark on products sold internationally where CE standards are enforced and in the European Economic Area (EEA). The CE marking certifies that a product has met European Union (EU) consumer safety, health or environmental requirements. By affixing the CE marking to our products, ECHO Bear Cat declares that it meets EU safety, health and environmental requirements.

Other CE Model Identifying Decals



ECHO Bear Cat products that are CE compliant will be labeled with a decibel level warning decal. This decal notes the decibel level of noise created while the machine is operating under normal conditions.



CE compliant ECHO Bear Cat products will also have a CE compliance information decal detailing weight and power specifications for the specific model on which it is found.

CE Compliant Decal Location

ECHO Bear Cat products that are CE compliant will be clearly marked with the decals shown below. These products feature safety and other engineering features that non-CE compliant products do not have. Non-CE compliant ECHO Bear Cat products are primarily sold in countries and regions that do not require or enforce mandatory CE certification. However, this is not true for all countries and regions. If you are unsure of CE requirements for the country or region in which you live, please contact your nearest ECHO Bear Cat dealer or distributor.

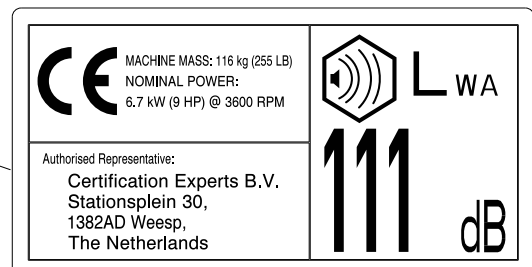
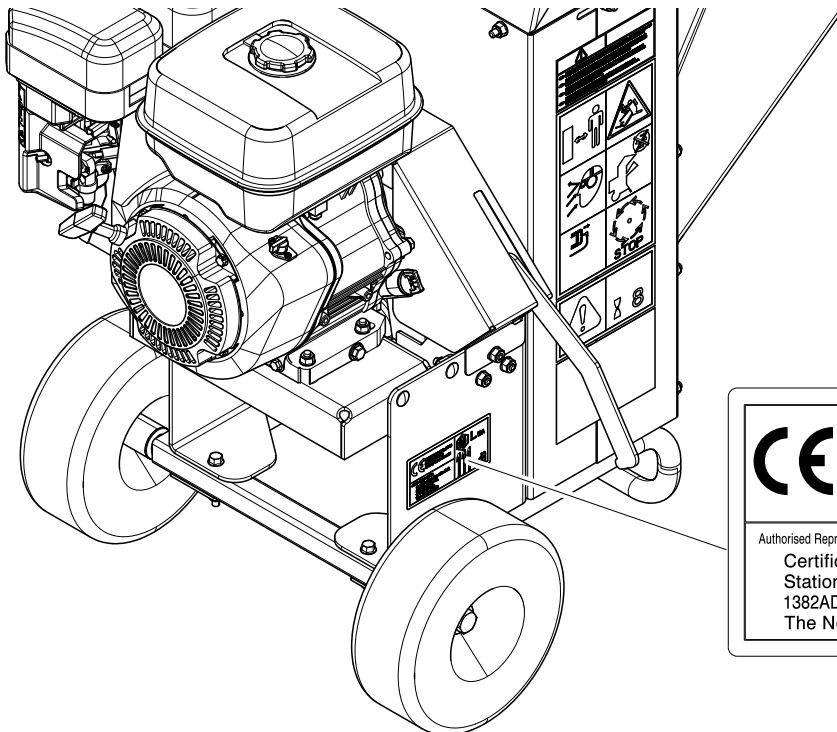
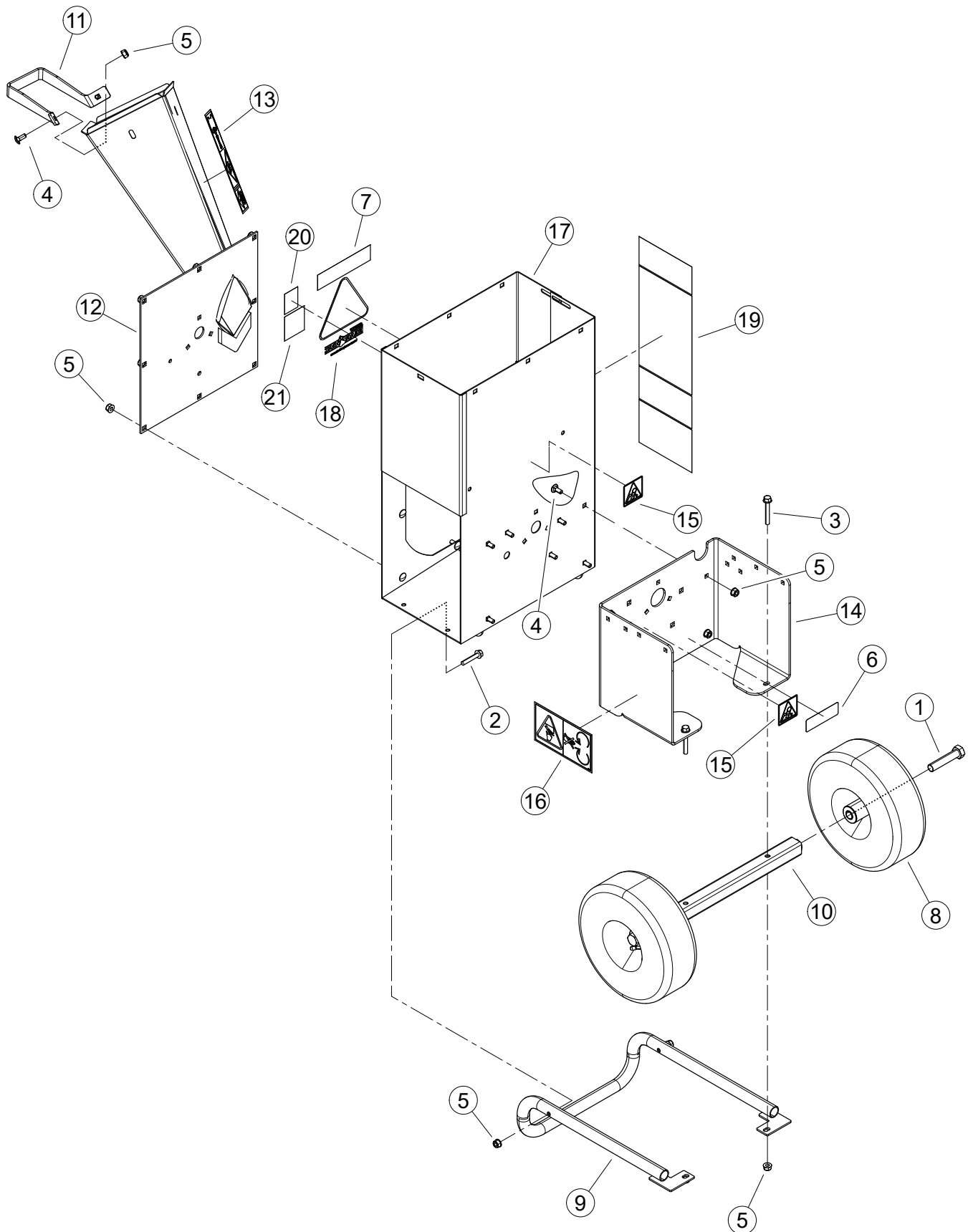


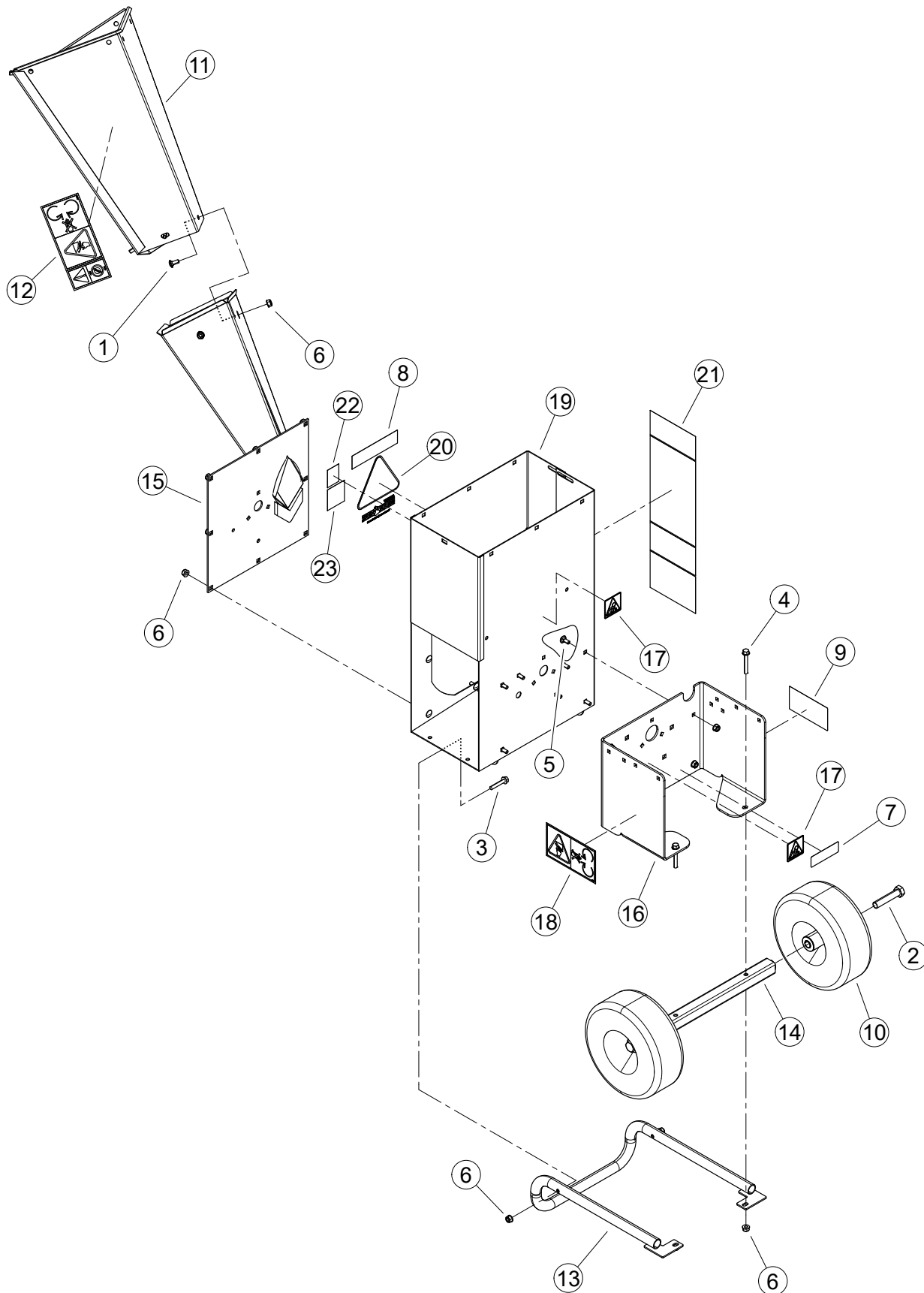
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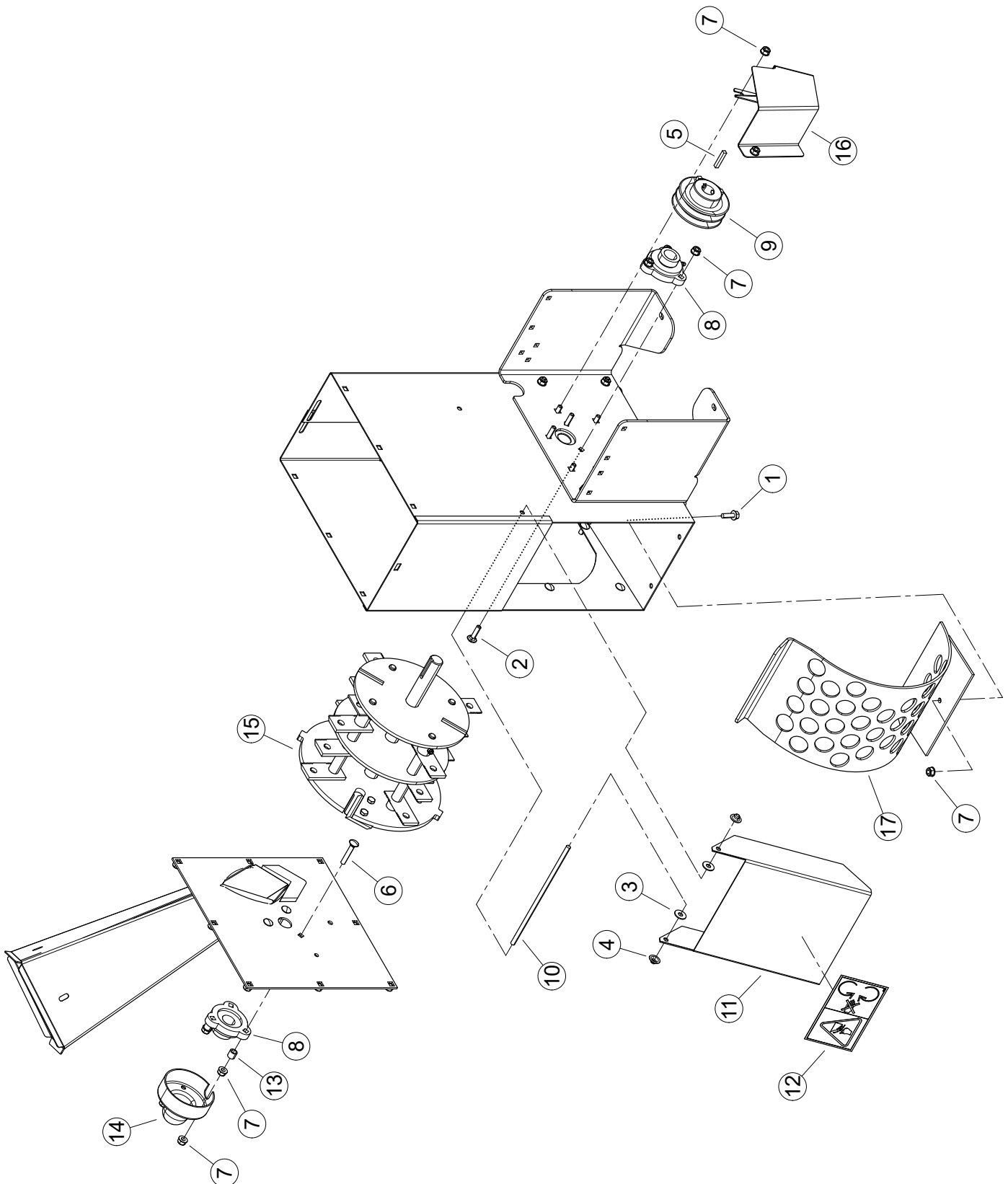
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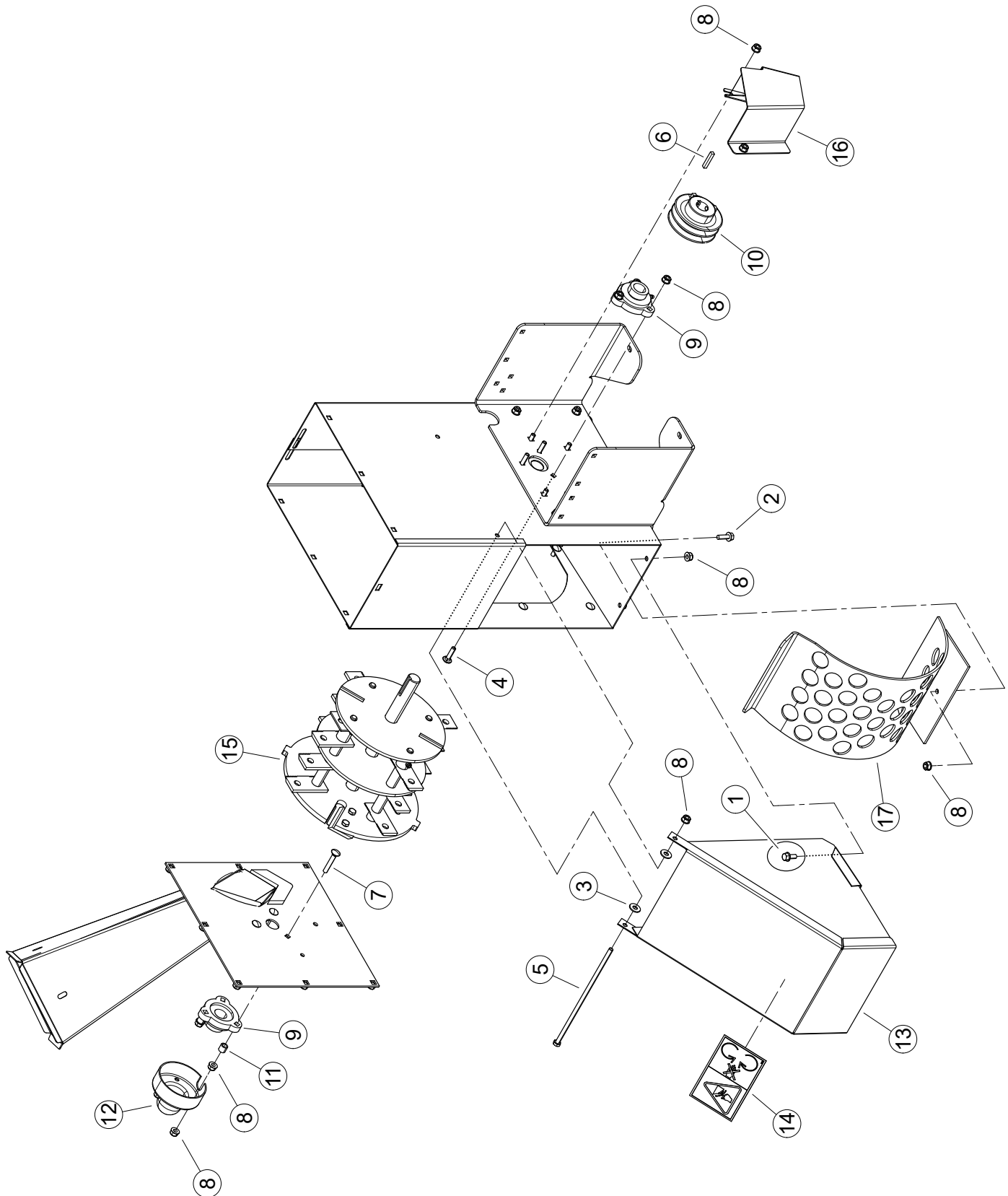
ITEM	PART NUMBER	DESCRIPTION
1	15019	BOLT, 5/8 X 3 HEX HD GR5 ZP
2	15127-00	BOLT, 5/16 X 1-3/4 FLANGE NC
3	15135-00	BOLT, 5/16 X 2-1/4 FLANGE NC
4	15367	BOLT, 5/16 X 3/4 GR5 CRG NC ZP
5	15904-00	NUT, 5/16-18 NYLOCK FLANGE
6	16155	DECAL, SERIAL NUMBER
7	31457-00	DECAL, MODEL SC3265
	35114-00	DECAL, MODEL SC3305
	35115-00	DECAL, MODEL SC3305E
	35116-00	DECAL, MODEL SC3420
	36022-00	DECAL, MODEL SC3206
8		ASSEMBLY, 410/350-4 PNEUMATIC WHEEL (WAS 16003, OBSOLETE. FOR SERVICE ORDER PN 33591-00)
	33591-00	ASSEMBLY, 410/350-4 FLAT-FREE WHEEL
9	77251-12	WELDMENT, SUPPORT LEG LONG
	77252-12	WELDMENT, SUPPORT LEG SHORT – SC3206 ONLY
10	77254-12	WELDMENT, AXLE 3 IN CHIPPER
11	77285-35	HANDLE, CHIPPER CHUTE 3 IN
12	77299-00	ASSEMBLY, 3 IN FRONT PLATE COMP (INCLUDES ITEM 13)
13	31989-00	DECAL, 3" CHIPPER CHUTE
14	77339-00	ASSEMBLY, BASE 3 IN CHIPPER SERVICE (INCLUDES ITEMS 15 & 16)
15	12174	DECAL, SHIELD DANGER ISO
16	12175	DECAL, BLADE DANGER ISO
17	77300-00	ASSEMBLY, 3 IN DOM NARROW BODY – SC3206 ONLY (INCLUDES ITEMS 7, 15 & 18-20)
	77341-00	ASSEMBLY, 3" C/S WIDE BODY SERVICE (INCLUDES ITEMS 7, 15 & 18-21)
18	31393-00	DECAL, SHRED IT
19	31990-00	DECAL, 3" CHIPPER BODY SIDE
20	32392-00	DECAL, ECHO Bear Cat® QR CODE
21	33883-00	DECAL, SPARK ARRESTOR



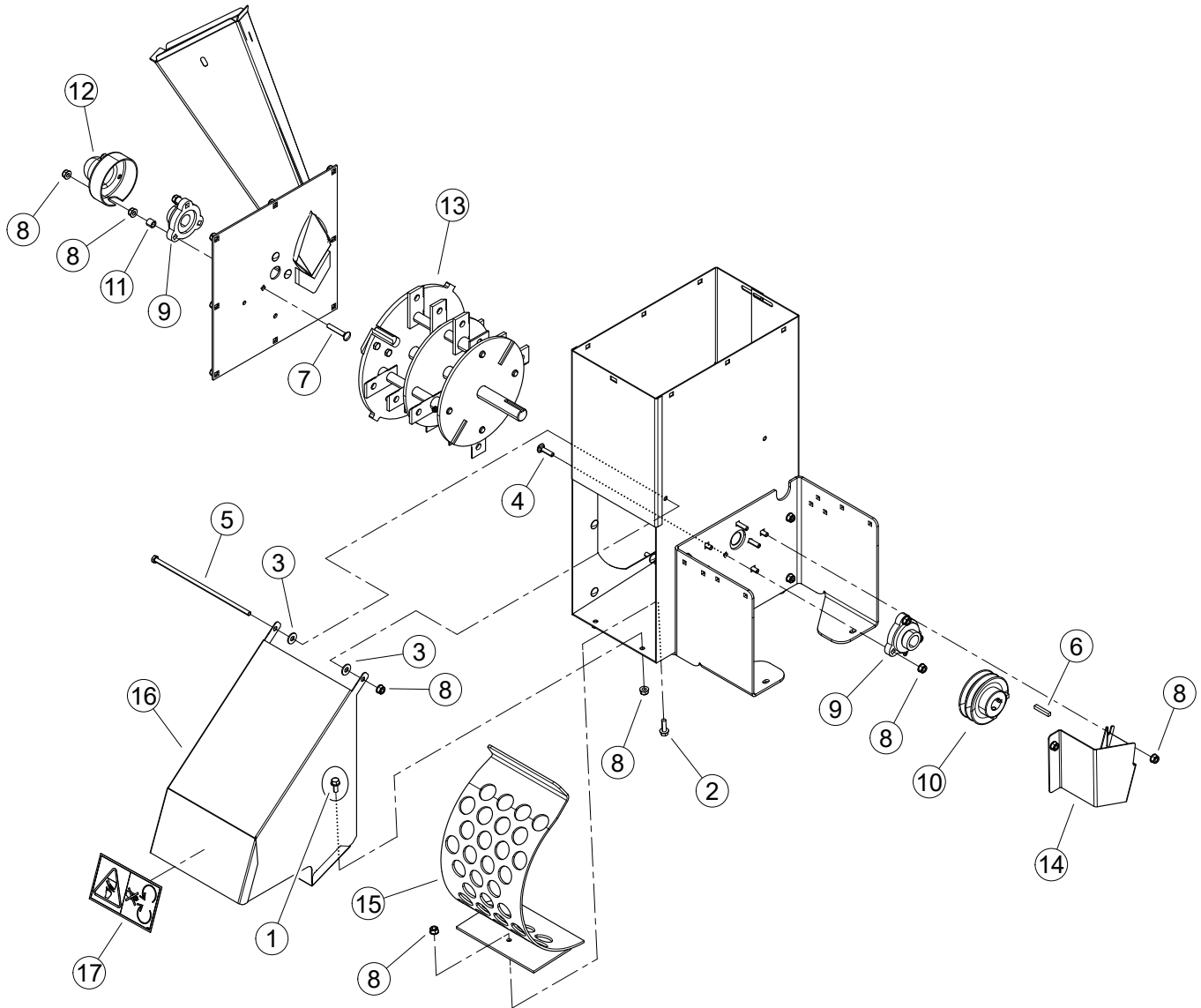
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1	0103-0909-00	BOLT, 5/16-18 X 3/4 CRG SN GR5
2	15019	BOLT, 5/8 X 3 HEX HD GR5 ZP
3	15127-00	BOLT, 5/16 X 1-3/4 FLANGE NC
4	15135-00	BOLT, 5/16 X 2-1/4 FLANGE NC
5	15367	BOLT, 5/16 X 3/4 GR5 CRG NC ZP
6	15904-00	NUT, 5/16-18 NYLOCK FLANGE
7	16155	DECAL, SERIAL NUMBER
8	31457-00	DECAL, MODEL SC3265
	18939-00	DECAL, MODEL SC3305
	36022-00	DECAL, MODEL SC3206
	36026-00	DECAL, MODEL SC3342
9	32170-00	DECAL, SC3265 CE INFO AND NOISE
	32027-00	DECAL, SC3206 CE INFO AND NOISE
	32028-00	DECAL, SC3305 CE INFO AND NOISE
	32176-00	DECAL, SC3342 CE INFO AND NOISE
10		ASSEMBLY, 410/350-4 PNEUMATIC WHEEL (WAS 16003, OBSOLETE. FOR SERVICE ORDER PN 33591-00)
	33591-00	ASSEMBLY, 410/350-4 FLAT-FREE WHEEL
11	71771	ASSEMBLY, 3" CHIPPER CHUTE EXTENSION (INCLUDES ITEM 12)
12	31989-00	DECAL, 3" CHIPPER CHUTE
13	77251-12	WELDMENT, SUPPORT LEG LONG
	77252-12	WELDMENT, SUPPORT LEG SHORT – SC32306XE ONLY
14	77254-12	WELDMENT, AXLE 3 IN CHIPPER
15	77265-35	WELDMENT, CHIPPER CHUTE
16	77339-00	ASSEMBLY, BASE 3 IN CHIPPER SERVICE (INCLUDES ITEMS 17 & 18)
17	12174	DECAL, SHIELD DANGER ISO
18	12175	DECAL, BLADE DANGER ISO
19	77300-00	ASSEMBLY, 3 IN DOM NARROW BODY – SC3206XE ONLY (INCLUDES ITEMS 8, 17 & 20-22)
	77341-00	ASSEMBLY, 3" C/S WIDE BODY SERVICE (INCLUDES ITEMS 8, 17 & 20-23)
20	31393-00	DECAL, SHRED IT
21	31990-00	DECAL, 3" CHIPPER BODY SIDE
22	32392-00	DECAL, ECHO Bear Cat® QR CODE
23	33883-00	DECAL, SPARK ARRESTOR



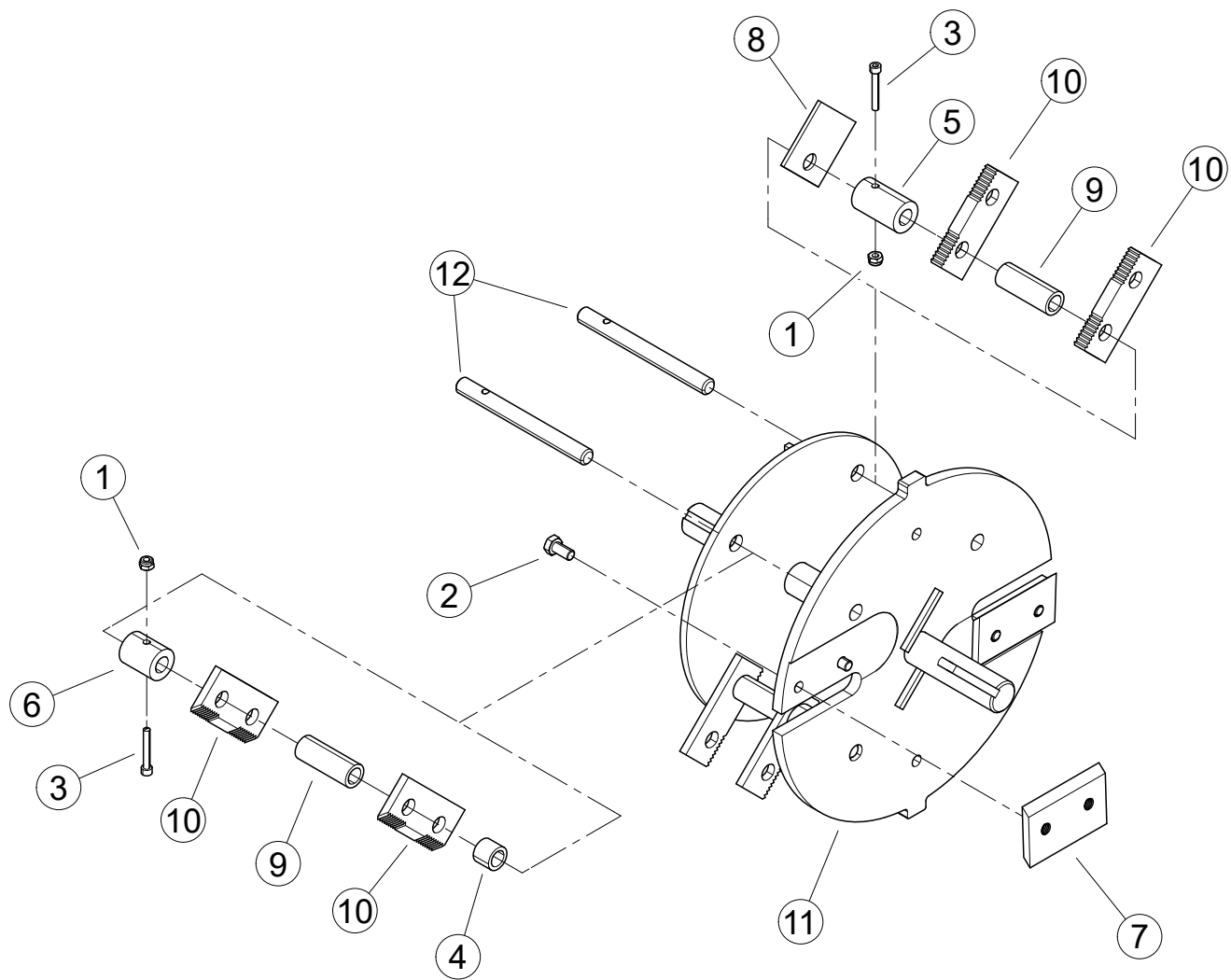
ITEM	PART NUMBER	DESCRIPTION
1	15120-00	BOLT, 5/16 X 1 FLANGE NC
2	15398	BOLT, 5/16 X 1-1/4 GR5 CRG
3	15409	WASHER, 5/16" ID 7/8" OD NYLON FLAT
4	15411	PUSHNUT, 5/16" ZP
5	15418	KEY, 1/4 SQ X 1-1/2 LG PLAIN
6	15477	BOLT, 5/16 X 2" GR5 CRG NC ZP
7	15904-00	NUT, 5/16-18 NYLOCK FLANGE
8	16234	BEARING, 1" FLUSH MOUNT CAST W/ COLLAR
9	17995	PULLEY, 4 X 1 2A GROOVE
	17958	PULLEY, CAST 4" OD 1" BORE B GRV – SC3206 ONLY
10	70088	SHAFT, DOOR PIVOT
	70087	SHAFT, DOOR PIVOT – SC3206 ONLY
11	70195	DOOR, 8 HP DISCHARGE W/ DECAL (INCLUDES ITEM 12)
	70194	DOOR, 3 + 5 HP DISCHARGE W/ DECAL – SC3206 ONLY (INCLUDES ITEM 12)
12	12175	DECAL, BLADE DANGER ISO
13	70285	SPACER, .54 OD X .50" LG
14	70760	CAP, ROTOR SHAFT END CAP RENTAL
15	74209-00	ASSEMBLY, BALANCED RENTAL ROTOR
	77591-00	ASSEMBLY, 3" NARROW ROTOR KNIVES – SC3206 ONLY
16	74358-12	SHIELD, LOWER
17	77388-12	WELDMENT, WIDE COARSE TAPERED
	77384-12	WELDMENT, NARROW COARSE TAPERED – SC3206 ONLY



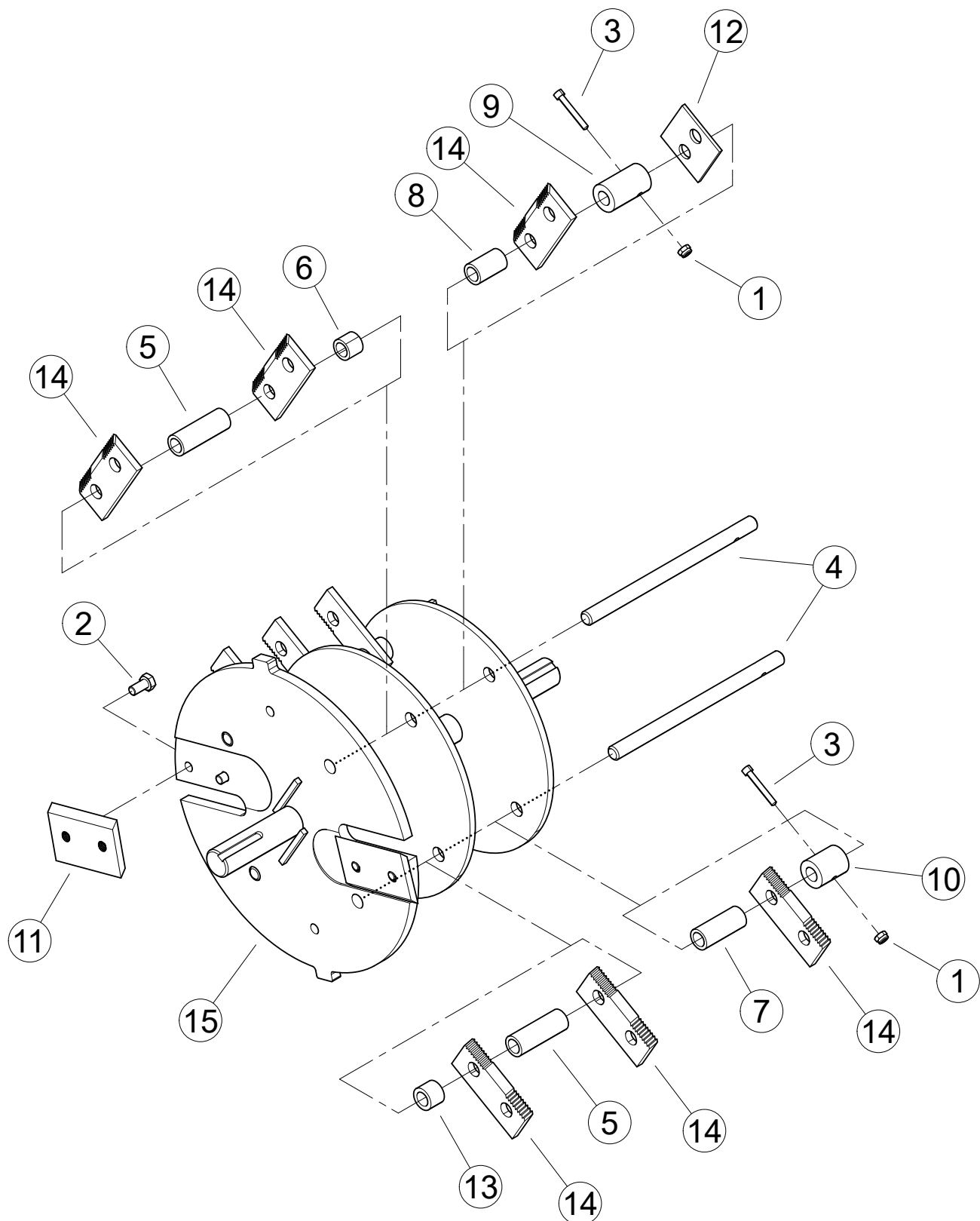
ITEM	PART NUMBER	DESCRIPTION
1	15117-00	BOLT, 5/16 X 3/4 FLANGE NC
2	15120-00	BOLT, 5/16 X 1 FLANGE NC
3	15250	WASHER, 5/16 FLAT ZP
4	15398	BOLT, 5/16 X 1-1/4 GR5 CRG ZP
5	15408	BOLT, 5/16 X 10 HEX GR5 NC ZP
6	15418	KEY, 1/4 SQUARE X 1-1/2 LONG PLAIN
7	15477	BOLT, 5/16 X 2 GR5 CRG NC ZP
8	15904-00	NUT, 5/16-18 NYLOCK FLANGE
9	16234	BEARING, 1" FLUSH MOUNT CAST W/ COLLAR
10	17995	PULLEY, 4 X 1 2A GROOVE
	17958	PULLEY, CAST 4" OD 1" BORE B GRV – SC3206XE ONLY
11	70285	SPACER, .54 OD X .50" LG
12	70760	CAP, ROTOR SHAFT END CAP
13	71776	ASSEMBLY, WIDE EUROPEAN DISCHARGE (INCLUDES ITEM 14)
	71773	ASSEMBLY, NARROW EUROPEAN DISCHARGE – SC3206XE ONLY (INCLUDES ITEM 14)
14	12175	DECAL, BLADE DANGER ISO
15	74209-00	ASSEMBLY, BALANCED ROTOR
	77591-00	ASSEMBLY, 3" NARROW ROTOR KNIVES – SC3206XE ONLY
16	74358-12	SHIELD, LOWER
17	77388-12	WELDMENT, WIDE COARSE TAPERED
	77384-12	WELDMENT, NARROW COARSE TAPERED – SC3206XE ONLY



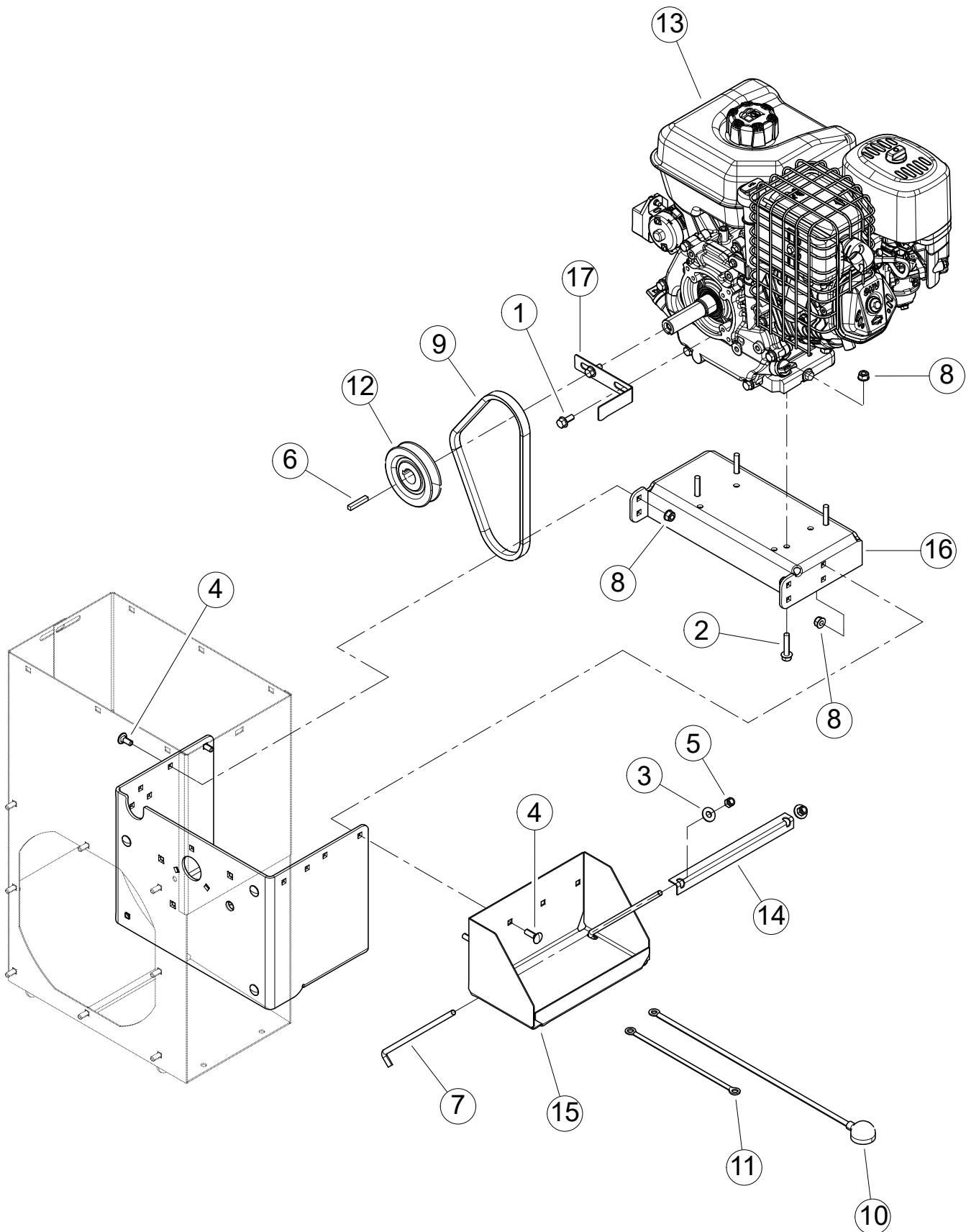
ITEM	PART NUMBER	DESCRIPTION
1	15117-00	BOLT, 5/16 X 3/4 FLANGE NC
2	15120-00	BOLT, 5/16 X 1 FLANGE NC
3	15250	WASHER, 5/16 FLAT ZP
4	15398	BOLT, 5/16 X 1-1/4 GR5 CRG ZP
5	15408	BOLT, 5/16 X 10 HEX GR5 NC ZP
6	15418	KEY, 1/4 SQUARE X 1-1/2 LONG PLAIN
7	15477	BOLT, 5/16 X 2 GR5 CRG NC ZP
8	15904-00	NUT, 5/16-18 NYLOCK FLANGE
9	16234	BEARING, 1" FLUSH MOUNT CAST W/ COLLAR
10	17995	PULLEY, 4 X 1 2A GROOVE
	17958	PULLEY, CAST 4" OD 1" BORE B GRV – SC3206XE ONLY
11	70285	SPACER, .54 OD X .50" LG
12	70760	CAP, ROTOR SHAFT END CAP
13	74209-00	ASSEMBLY, BALANCED ROTOR
	77591-00	ASSEMBLY, 3" NARROW ROTOR KNIVES – SC3206XE ONLY
14	74358-12	SHIELD, LOWER
15	77388-12	WELDMENT, WIDE COARSE TAPERED
	77384-12	WELDMENT, NARROW COARSE TAPERED – SC3206XE ONLY
16	77860-00	ASSEMBLY, WIDE EUROPEAN DISCHARGE (INCLUDES ITEM 17)
	77864-00	ASSEMBLY, NARROW EUROPEAN DISCHARGE – SC3206XE ONLY (INCLUDES ITEM 17)
17	12175	DECAL, BLADE DANGER ISO



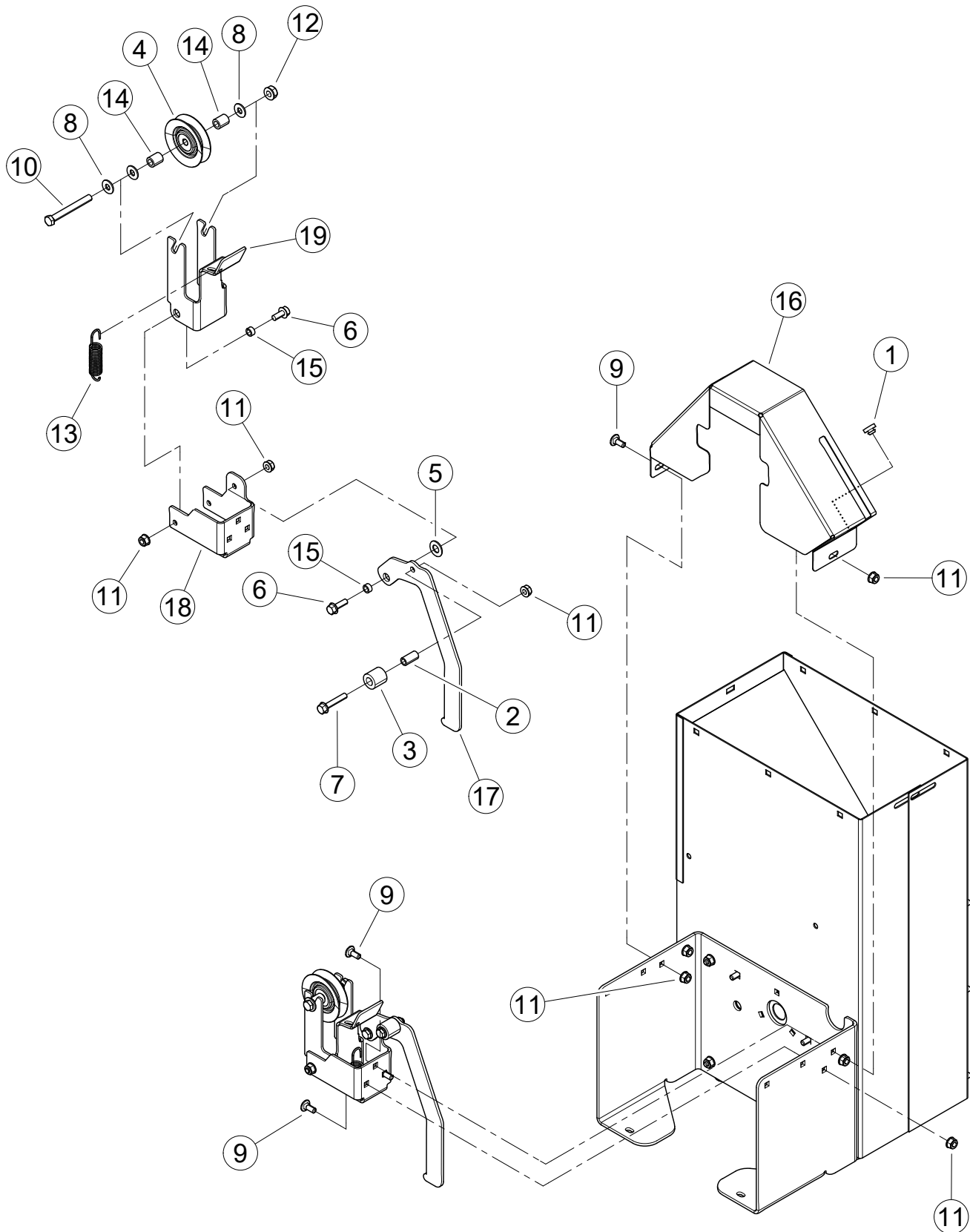
ITEM	PART NUMBER	DESCRIPTION
1	15397	NUT, 10/24 NYLOCK TYPE NM ZP
2	15446	BOLT, 5/16-18 X 5/8" G8 HCS PATCH Z
3	15459	SCREW, #10-24 X 1-3/8" PL SKT HD CAP
4	70534	SPACER, 0.75 X 0.620
5	70537	SPACER, 1.00 X 1.700 (W/ HOLE)
6	70538	SPACER, 1.00 X 1.240 (W/ HOLE)
7	70738	KIT, TOOL STEEL BLADE (INCLUDES ITEM 2)
8	71382	KNIFE, ROTOR BALANCE
9	77588-00	SPACER, 0.75 X 2.05
10	77589-00	KIT, 3" NARROW SHREDDER KNIVES (INCLUDES ITEMS 1, 3-6, 8, 9 & 12)
11	77590-00	WELDMENT, 3" NARROW ROTOR
12	77643-00	SHAFT, KNIFE



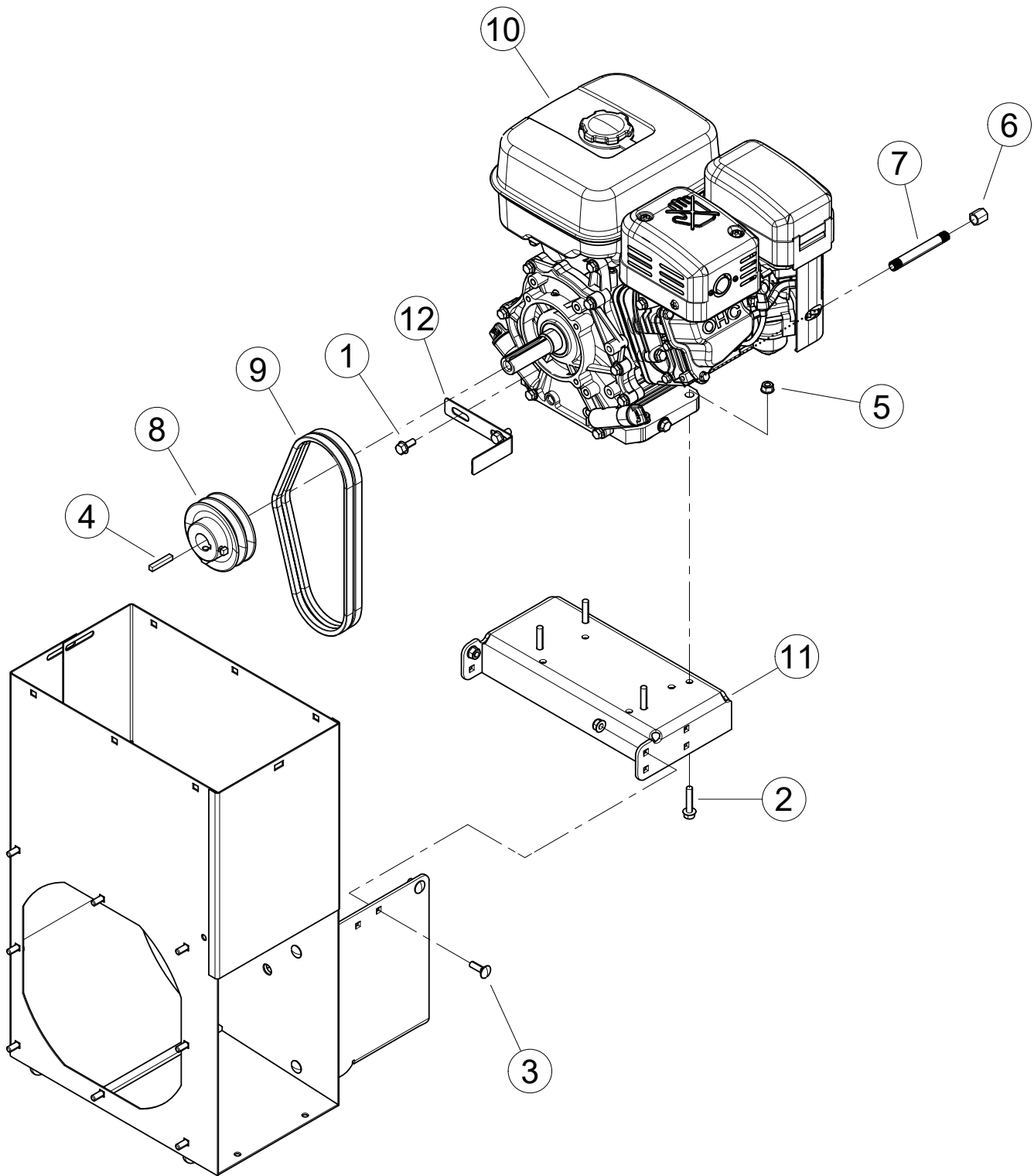
ITEM	PART NUMBER	DESCRIPTION
1	15397	NUT, 10/24 NYLOCK TYPE NM ZP
2	15446	BOLT, 5/16-18 X 5/8" G8 HCS PATCH Z
3	15459	SCREW, #10-24 X 1-3/8" PL SKT HD CAP
4	70064	SHAFT, C/S KNIFE
5	70533	SPACER, 0.75 X 2.170
6	70534	SPACER, 0.75 X 0.620
7	70535	SPACER, 0.75 X 1.850
8	70536	SPACER, 0.75 X 1.240
9	70537	SPACER, 1.00 X 1.700 (W/ HOLE)
10	70538	SPACER, 1.00 X 1.240 (W/ HOLE)
11	70738	KIT, TOOL STEEL BLADE (INCLUDES ITEM 2)
12	70967	KNIFE, ROTOR BALANCE
13	70968	SPACER, .81 X .620
14	70973	KIT, WIDE SHREDDER (INCLUDES ITEMS 1, 3-10, 12 & 13)
15	74208-00	WELDMENT, BALANCED RENTAL ROTOR



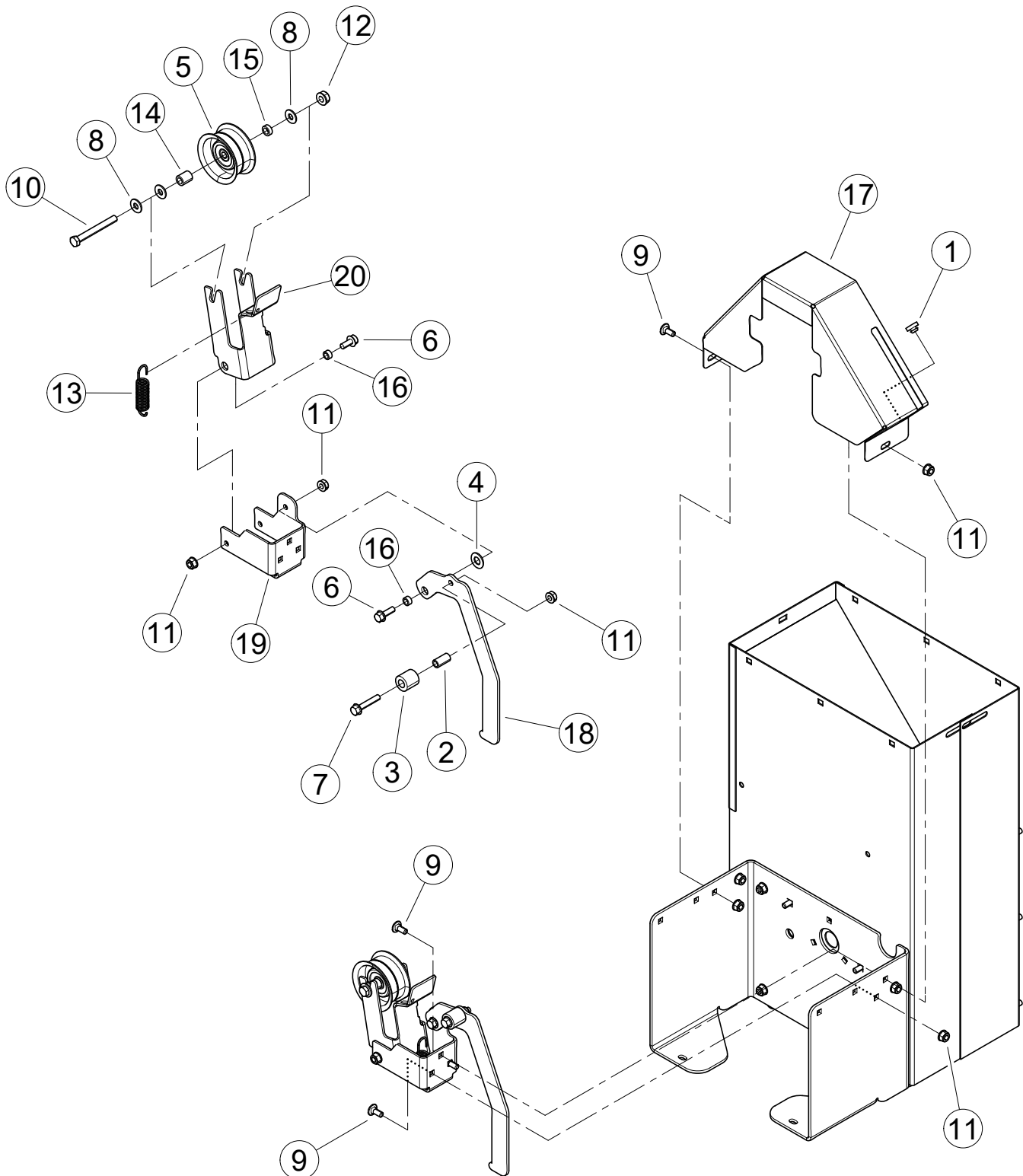
ITEM	PART NUMBER	DESCRIPTION
1	15118-00	BOLT, 5/16 X 3/4 SERRATED FLANGE NF
2	15122-00	BOLT, 5/16 X 1-1/2 FLANGE NC
3	15250	WASHER, 5/16 FLAT ZP – SC3305E ONLY
4	15301	BOLT, 5/16 X 1 GR5 CRG ZP – SC3305E ONLY
5	15356	NUT, 5/16 NE NYLOCK ZP – SC3305E ONLY
6	15418	KEY, 1/4 SQUARE X 1-1/2 LONG PLAIN
7	15419	BOLT, 5/16 X 8-3/4 L-TYPE BATTERY – SC3305E ONLY
8	15904-00	NUT, 5/16-18 NYLOCK-FLANGE
9	16043	BELT, 29" C/S
10	17888	CABLE, 33" POS - R/R WITH BOOT – SC3305E ONLY
11	17889	CABLE, 9" NEG - R/R – SC3305E ONLY
12	17958	PULLEY, CAST 4" OD 1" BORE B GRV
	17959	PULLEY, CAST 4" OD 3/4" BORE B GR – SC3206 ONLY
13		ENGINE, 306CC B&S HORIZONTAL ELECTRIC (FOR SERVICE SEE ENGINE OWNER'S MANUAL OR NEAREST BRIGGS & STRATTON® INDUSTRIAL ENGINE DEALER)
		ENGINE, 306CC B&S HORIZONTAL (FOR SERVICE SEE ENGINE OWNER'S MANUAL OR NEAREST BRIGGS & STRATTON INDUSTRIAL ENGINE DEALER)
		ENGINE, 900 SERIES B&S HORIZONTAL (FOR SERVICE SEE ENGINE OWNER'S MANUAL OR NEAREST BRIGGS & STRATTON INDUSTRIAL ENGINE DEALER)
14	70144	ANGLE, BATTERY HOLD DOWN – SC3305E ONLY
15	70510-12	WELDMENT, BATTERY BOX – SC3305E ONLY
16	74249-12	PLATE, ENGINE MOUNTING
17	74374-12	GUIDE, BELT
	36230-00	TERMINAL, 14/16 GA ELECTRICAL – SC3305E ONLY (NOT SHOWN)



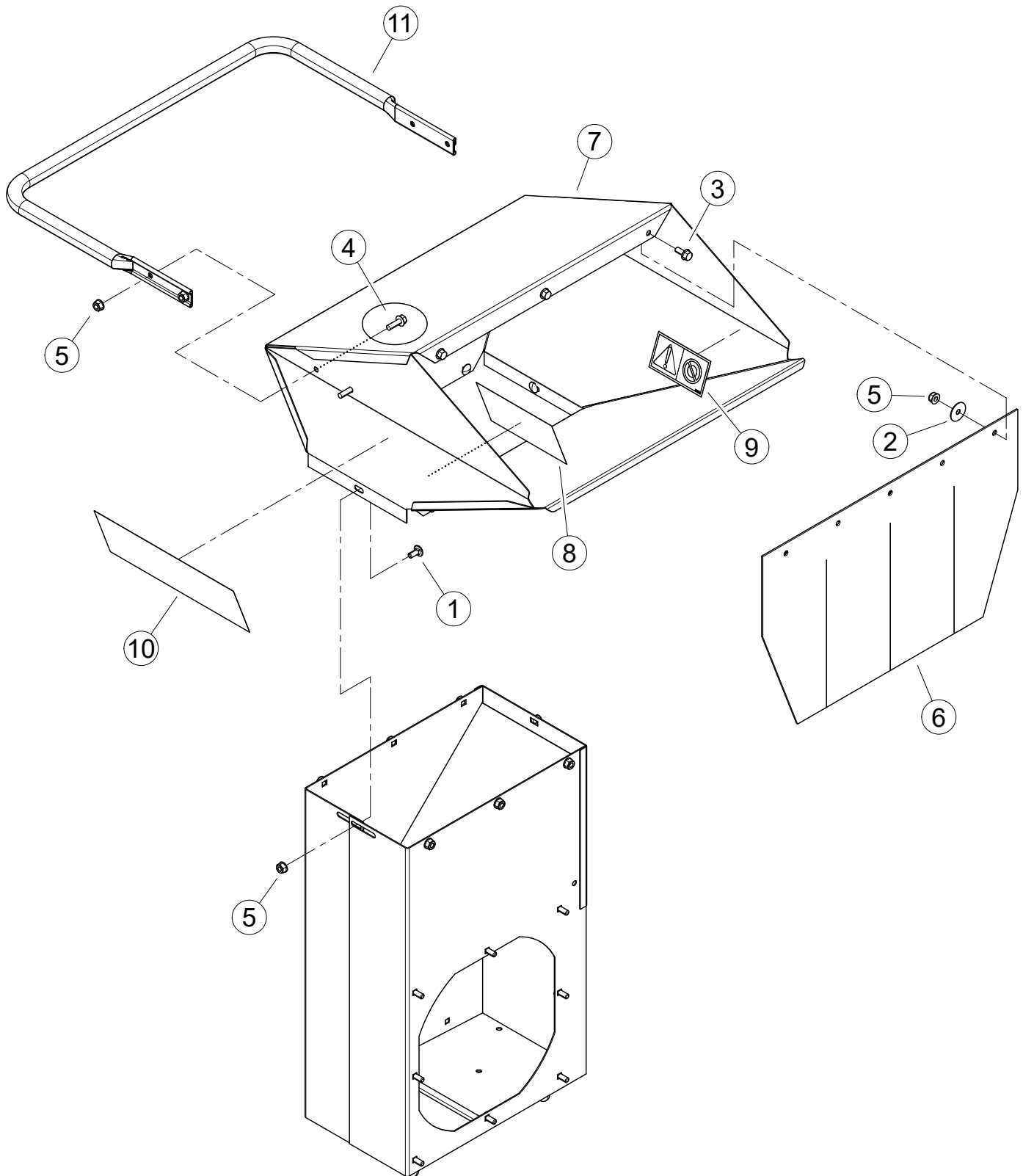
ITEM	PART NUMBER	DESCRIPTION
1	13904-00	BUMPER, RUBBER
2	14635-00	SPACER, 0.5 X 1.00
3	14636-00	ROLLER, 0.5 X 1.00 X 1.00 NYLON
4	14637-00	IDLER, INSIDE
5	14640-00	WASHER, 1/2 INCH NYLON
6	15119-00	BOLT, 5/16 X 7/8 FLANGE NC
7	15127-00	BOLT, 5/16 X 1-3/4 FLANGE NC
8	15250	WASHER, 5/16" FLAT ZP
9	15367	BOLT, 5/16 X 3/4 GR5 CRG NC ZP
10	15501	BOLT, 3/8 X 3-1/4 HEX HD GR5 ZP
11	15904-00	NUT, 5/16-18 NYLOCK FLANGE
12	15905-00	NUT, 3/8-16 NYLOCK FLANGE
13	17692	SPRING, 3/4" OD EXTENSION
14	62531	SPACER, 3/4" LONG IDLER TUBE
15	73063	SPACER, .50 X .25
16	74357-12	SHIELD, UPPER
17	74362-12	HANDLE, ENGAGEMENT
18	77281-12	MOUNT, IDLER BRACKET
19	77282-12	BRACKET, IDLER 3 IN CHIPPER



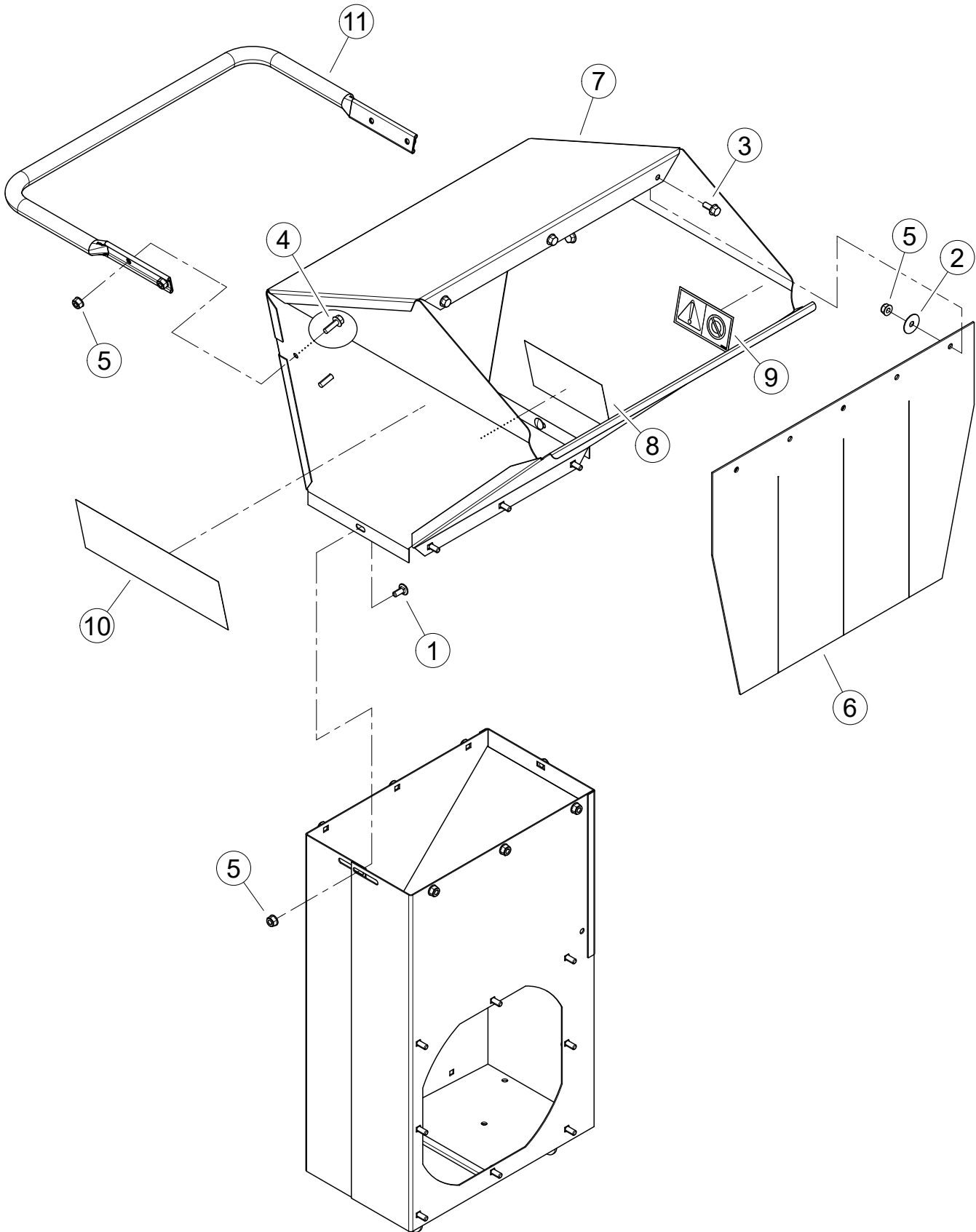
ITEM	PART NUMBER	DESCRIPTION
1	15118-00	BOLT, 5/16 X 3/4 SERRATED FLANGE NF
2	15122-00	BOLT, 5/16 X 1-1/2 FLANGE NC
3	15301	BOLT, 5/16 X 1" GR5 CRG ZP
4	15418	KEY, 1/4 SQUARE X 1-1/2 LONG PLAIN
5	15904-00	NUT, 5/16-18 NYLOCK-FLANGE
6	17496	PIPE CAP, 1/4" GALV. HEX HEAD – SC3342 ONLY
7	17497	PIPE NIPPLE, 1/4 X 4" GALVANIZED – SC3342 ONLY
8	17995	PULLEY, 4 X 1 2A GROOVE
9	17996	BELTS, HAH 29.1 EL MATCHED SET
10		ENGINE, SUBARU® 265CC EX27 (FOR SERVICE SEE ENGINE OWNER'S MANUAL OR NEAREST SUBARU INDUSTRIAL ENGINE DEALER)
		ENGINE, 342CC B+S HORIZONTAL (FOR SERVICE SEE ENGINE OWNER'S MANUAL OR NEAREST BRIGGS & STRATTON® INDUSTRIAL ENGINE DEALER)
11	74249-12	PLATE, ENGINE MOUNTING
12	74374-12	GUIDE, BELT



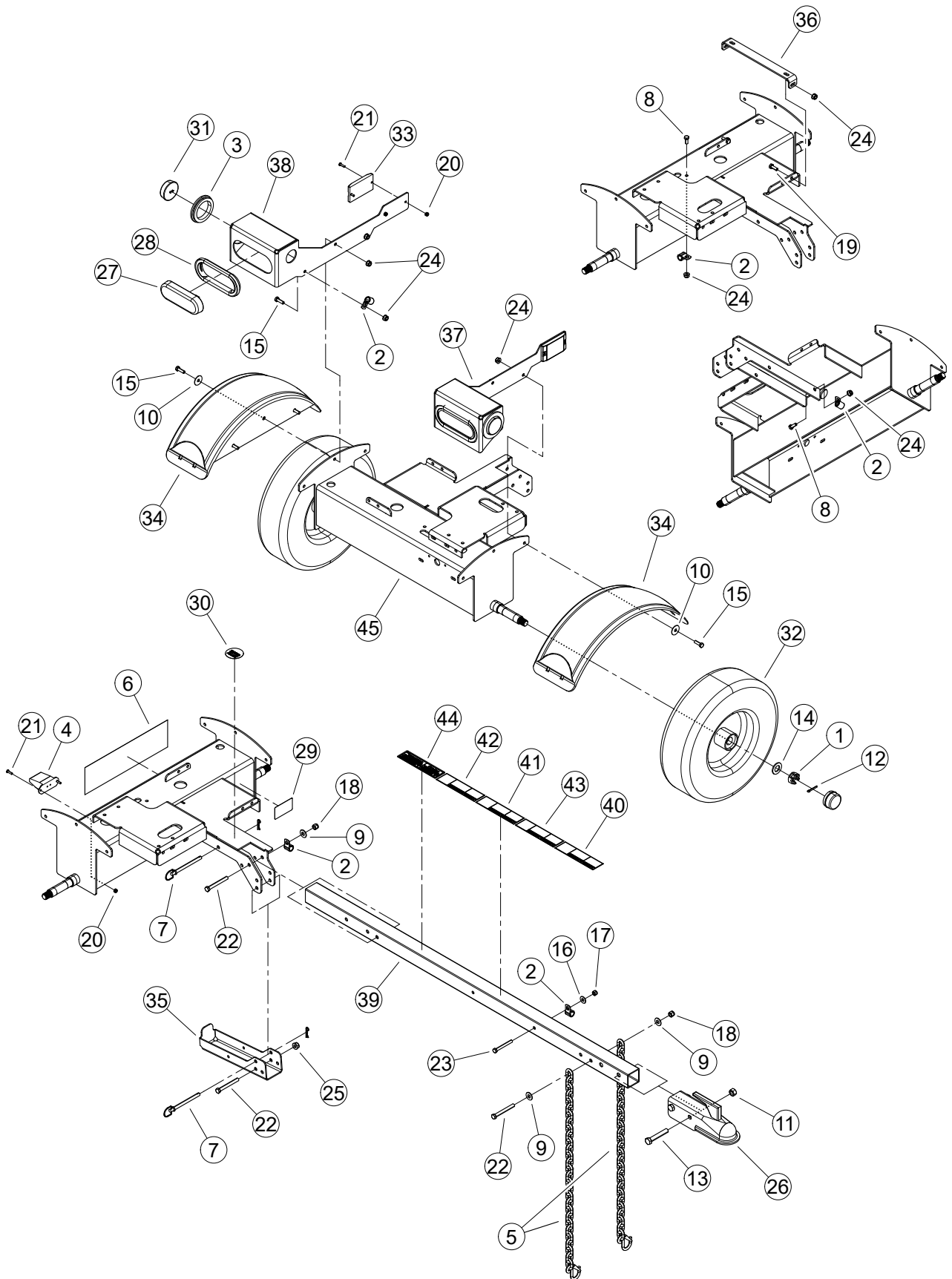
ITEM	PART NUMBER	DESCRIPTION
1	13904-00	BUMPER, RUBBER
2	14635-00	SPACER, 0.5 X 1.00
3	14636-00	ROLLER, 0.5 X 1.00 X 1.00 NYLON
4	14640-00	WASHER, 1/2 INCH NYLON
5	14667-00	IDLER, 2.75 X 1.25
6	15119-00	BOLT, 5/16 X 7/8 FLANGE NC
7	15127-00	BOLT, 5/16 X 1-3/4 FLANGE NC
8	15250	WASHER, 5/16 FLAT ZP
9	15367	BOLT, 5/16 X 3/4 CRG GR5 NC ZP
10	15501	BOLT, 3/8 X 3-1/4 HEX GR5 ZP
11	15904-00	NUT, 5/16-18 NYLOCK FLANGE
12	15905-00	NUT, 3/8-16 NYLOCK FLANGE
13	17692	SPRING, 3/4"OD EXTENSION
14	69239	SPACER, IDLER PIVOT
15	73063	SPACER, .50 X .25
16	74357-12	SHIELD, UPPER
17	74362-12	HANDLE, ENGAGEMENT
18	75773-00	SPACER, 5/8 OD X 11 GA X 0.88
19	77281-12	MOUNT, IDLER BRACKET
20	77282-12	BRACKET, IDLER 3 IN CHIPPER



ITEM	PART NUMBER	DESCRIPTION
1	0103-0909-00	BOLT, 5/16-18 X 3/4 SN GR5 CRG
2	15040	WASHER, 5/16" FENDER ZP
3	15117-00	BOLT, 5/16 X 3/4 FLANGE NC
4	15120-00	BOLT, 5/16 X 1 FLANGE NC
5	15904-00	NUT, 5/16-18 NYLOCK FLANGE
6	70980	BELTING, RENTAL HOPPER
7	71560-00	ASSEMBLY, NARROW RENTAL HOPPER W/ DECALS – SC3206 ONLY (INCLUDES ITEMS 8-10)
	71562-00	ASSEMBLY, WIDE BODY RENTAL HOPPER W/ DECALS (INCLUDES ITEMS 8-10)
8	12175	DECAL, BLADE DANGER ISO
9	12176	DECAL, SHREDDER SIZE ISO
10	14301-00	DECAL, ECHO Bear Cat® 12.00 X 4.00
11	71717-12	HANDLE, RENTAL HOPPER



ITEM	PART NUMBER	DESCRIPTION
1	0103-0909-00	BOLT, 5/16-18 X 3/4 CRG SN GR5
2	15040	WASHER, 5/16" FENDER ZP
3	15117-00	BOLT, 5/16 X 3/4 FLANGE NC
4	15120-00	BOLT, 5/16 X 1 FLANGE NC
5	15904-00	NUT, 5/16-18 NYLOCK FLANGE
6	71482	BELTING, EURO HOPPER
7	71559-00	ASSEMBLY, NARROW "CE" HOPPER W/ DECALS – SC3206 ONLY (INCLUDES ITEMS 8-10)
	71561-00	ASSEMBLY, WIDE "CE" HOPPER W/ DECALS (INCLUDES ITEMS 8-10)
8	12175	DECAL, BLADE DANGER ISO
9	12176	DECAL, SHREDDER SIZE ISO
10	14301-00	DECAL, ECHO Bear Cat® 12.00 X 4.00
11	71718-12	HANDLE, EURO HOPPER



ITEM	PART NUMBER	DESCRIPTION
1	0101-0001-00	NUT, 3/4 NF HEX SLOTTED ZP
2	14048-00	CLAMP, 9/16 COATED
3	14366-00	GROMMET, CLEARANCE LIGHT
4	14368-00	LIGHT, LICENSE PLATE
5	14381-00	CHAIN, SAFETY 5000 LB W/ LATCH
6	14786-00	DECAL, ECHO BEARCAT 14.12 X 4.00
7	14823-00	PIN, 3/8 HITCH
8	15003	BOLT, 5/16-18 X 3/4 GR5 HEX HD
9	15031	WASHER, 3/8 FLAT
10	15040	WASHER, 5/16" FENDER ZP
11	15049	NUT, 1/2-13 GR5 CENTERLOCK GRB
12	15068	PIN, 5/32 X 1-1/4 COTTER PIN ZP
13	15086	BOLT, 1/2 X 3 GR5 HEX HD ZP
14	15098	WASHER, 3/4" SAE FLAT
15	15219	BOLT, 5/16-18 X 1 GR5 HHCS
16	15250	WASHER, 5/16 FLAT
17	15356	NUT, 5/16-18 NE NYLOCK
18	15388	NUT, 3/8-16 NE NYLOCK
19	15396	BOLT, 5/16-18 X 7/8 HHCS GR5
20	15397	NUT, 10/24 NYLOCK TYPE NM ZP
21	15460	SCREW, #10-24 X 3/4" PAN HD PH ZP MCH
22	15501	BOLT, 3/8 X 3-1/4 HEX HD GR5 ZP
23	15560	BOLT, 5/16-18 X 2-3/4 GR5 HCPS
24	15904-00	NUT, 5/16-18 NYLOCK FLANGE
25	15905-00	NUT, 3/8-16 NYLOCK FLANGE
26	17988	COUPLER, TRAILER HITCH

ITEM	PART NUMBER	DESCRIPTION
27	31736-00	TAIL LIGHT, OVAL LED
28	31737-00	GROMMET, OVAL TAIL LIGHT
29	32158-00	DECAL, 4.80-8 LOAD RATING
30	32361-00	DECAL, NATM COMPLIANCE
31	33170-00	LIGHT, CLEARANCE/MARKER RND RED LED
32	36093-00	ASSEMBLY, TIRE 4.8-8
33	74911-00	KIT, LED AMBER LIGHT (INCLUDES PN 33875-00 & 33876-00)
34	76624-00	FENDER, BLACK PLASTIC DRILLED
35	77367-12	STAND, JACK
36	77437-12	BRACKET, ENGINE BASE
37	77485-12	BRACKET, RIGHT TAIL LIGHT
38	77486-12	BRACKET, LEFT TAIL LIGHT
39	77499-00	ASSEMBLY, HITCH POLE (INCLUDES ITEMS 40-44)
40	32327-00	DECAL, SAFETY CHAINS
41	32328-00	DECAL, TRAILER ELECTRICAL
42	32330-00	DECAL, CHECK WHEELS
43	32332-00	DECAL, SAFE COUPLING
44	32345-00	DECAL, WARNING TOWING SPEED
45	77659-12	WELDMENT, SC3" TRAILER
	32346-00	HARNESS, 3" CS TRAILER (NOT SHOWN)
	32362-00	DECAL, SAFE TOWING SPEED SPANISH/PORTUGUESE (NOT SHOWN)
	33875-00	TERMINAL, RING #10-18 GA (NOT SHOWN)
	33876-00	CONNECTOR, BUTT 18-22 GA (NOT SHOWN)
	77504-00	KIT, SPANISH/PORTUGUESE TRAILER/COUPLER DECAL (NOT SHOWN)

SPECIFICATIONS

SC3206, SC3305, SC3305E

1/13

SC3206		
DESCRIPTION	ENGLISH	METRIC
Overall weight	195 lbs.	88.5 kg
Max chipper capacity	3"	7.6 cm
Chipper blades	3.125 x 2 x .25"	7.94 x 5.08 x 0.64 cm
Max shredder capacity	3/4"	2 cm
Shredder knives	8	
Rotor speed	3,600 RPM	
Rotor weight	21 lbs.	9.5 kg
Drive type	Single belt	
Belt size	29"	73.7 cm
Engine	205cc Briggs & Stratton®	

SC3305		
DESCRIPTION	ENGLISH	METRIC
Overall weight	228 lbs.	103.4 kg
Max chipper capacity	3"	7.6 cm
Chipper blades	3.125 x 2 x .25"	7.94 x 5.08 x 0.64 cm
Max shredder capacity	3/4"	2 cm
Shredder knives	12	
Rotor speed	3,600 RPM	
Rotor weight	27 lbs.	12.3 kg
Drive type	Single belt	
Belt size	29"	73.7 cm
Engine	305cc Briggs & Stratton	

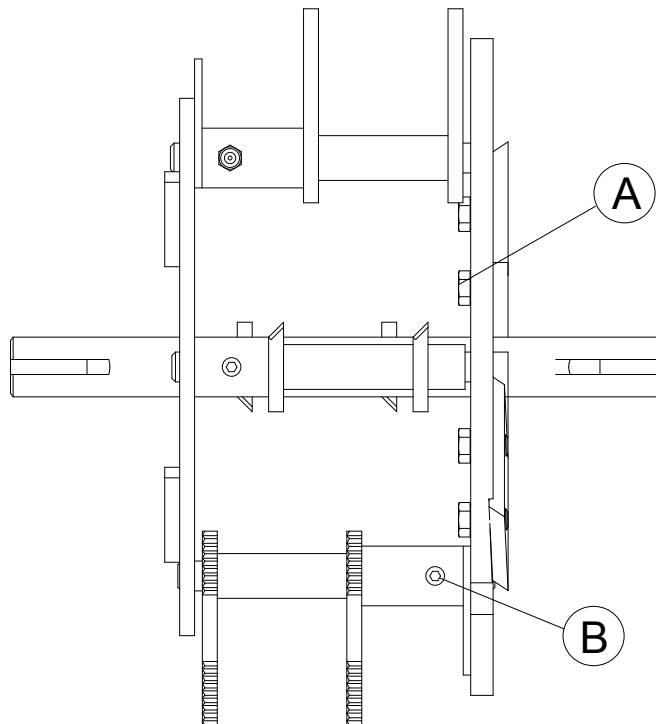
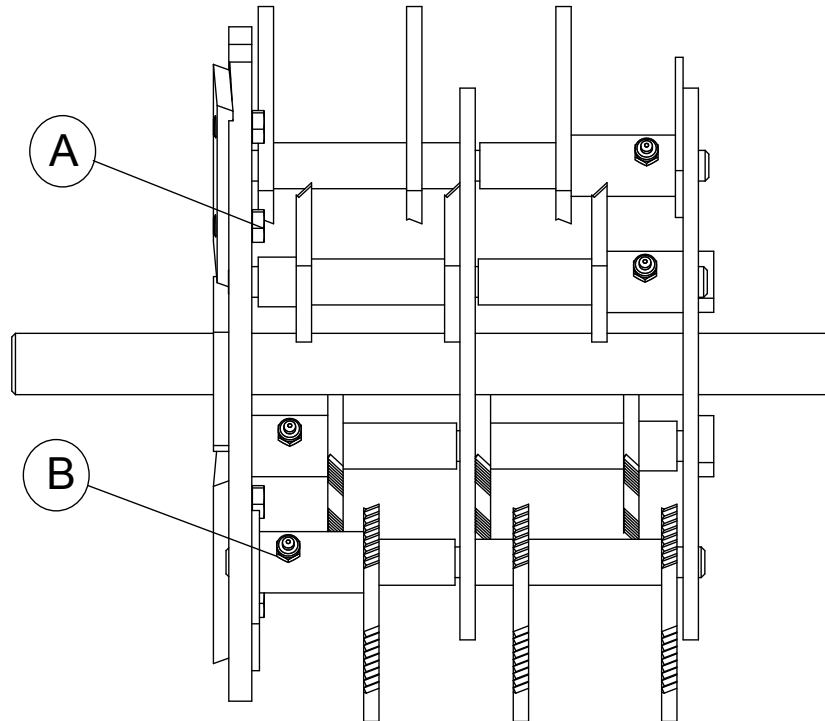
SC3305E		
DESCRIPTION	ENGLISH	METRIC
Overall weight	240 lbs.	108.9 kg
Max chipper capacity	3"	7.6 cm
Chipper blades	3.125 x 2 x .25"	7.94 x 5.08 x 0.64 cm
Max shredder capacity	3/4"	2 cm
Shredder knives	12	
Rotor speed	3,600 RPM	
Rotor weight	27 lbs.	12.3 kg
Drive type	Single belt	
Belt size	29"	73.7 cm
Engine	305cc Briggs & Stratton	

SC3265		
DESCRIPTION	ENGLISH	METRIC
Overall weight	250 lbs.	113.4 kg
Max chipper capacity	3"	7.6 cm
Chipper blades	3.125 x 2 x .25"	7.94 x 5.08 x 0.64 cm
Max shredder capacity	3/4"	2 cm
Shredder knives	12	
Rotor speed	3,600 RPM	
Rotor weight	27 lbs.	12.3 kg
Drive type	Dual belt (matched set)	
Belt size	29"	73.7 cm
Engine	265cc Subaru®	

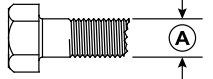
SC3342		
DESCRIPTION	ENGLISH	METRIC
Overall weight	263 lbs.	119.3 kg
Max chipper capacity	3"	7.6 cm
Chipper blades	3.125 x 2 x .25"	7.94 x 5.08 x 0.64 cm
Max shredder capacity	3/4"	2 cm
Shredder knives	12	
Rotor speed	3,600 RPM	
Rotor weight	27 lbs.	12.3 kg
Drive type	Dual belt (matched set)	
Belt size	29"	73.7 cm
Engine	342cc Briggs & Stratton®	

SPECIAL TORQUE REQUIREMENTS

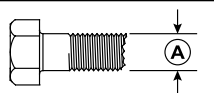
LOCATION	HARDWARE DESCRIPTION	TORQUE (UNIFIED INCH)	TORQUE (METRIC)
A – On rotor plate, blade mounting bolts	5/16 x 1" hex HD, grade 8 bolts	25 ft-lbs.	34 Nm
B – On rotor knife shafts	10-24 x 1-1/8" screw	36 in-lbs.	4 Nm



The tables below are for reference purposes only and their use by anyone is entirely voluntary, unless otherwise noted. Reliance on their content for any purpose is at the sole risk of that person and any loss or damage resulting from the use of this information is the responsibility of that person.

SAE Grade and Head Markings	SAE 2	SAE 5	SAE 8	BOLT DIAMETER
				

BOLT DIAMETER (A)	BOLT TORQUE*					
	SAE 2		SAE 5		SAE 8	
	NM	FT-LB	NM	FT-LB	NM	FT-LB
1/4"	7.5	5.5	11	8	16	12
5/16"	15	11	23	17	34	25
3/8"	27	20	41	30	61	45
7/16"	41	30	68	50	95	70
1/2"	68	50	102	75	149	110
9/16"	97	70	149	110	203	150
5/8"	122	90	203	150	312	230
3/4"	217	160	353	260	515	380
7/8"	230	170	542	400	814	600
1"	298	220	786	580	1220	900
1-1/8"	407	300	1085	800	1736	1280
1-1/4"	570	420	2631	1940	2468	1820

METRIC Grade and Head Markings	4.8	8.8	10.9	12.9	BOLT DIAMETER
					

BOLT DIAMETER (A)	BOLT TORQUE*							
	4.8		8.8		10.9		12.9	
	NM	FT-LB	NM	FT-LB	NM	FT-LB	NM	FT-LB
M3	0.5	0.4	—	—	—	—	—	—
M4	3	2.2	—	—	—	—	—	—
M5	5	4	—	—	—	—	—	—
M6	6	4.5	11	8.5	17	12	19	14.5
M8	15	11	28	20	40	30	47	35
M10	29	21	55	40	80	60	95	70
M12	50	37	95	70	140	105	165	120
M14	80	60	150	110	225	165	260	190
M16	125	92	240	175	350	255	400	300
M18	175	125	330	250	475	350	560	410
M20	240	180	475	350	675	500	800	580
M22	330	250	650	475	925	675	1075	800
M24	425	310	825	600	1150	850	1350	1000
M27	625	450	1200	875	1700	1250	2000	1500

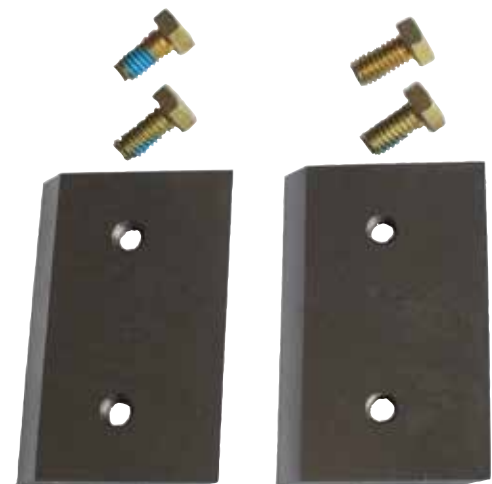
*Torque value for bolts and capscrews are identified by their head markings.

Torque figures indicated above are valid for non-greased or non-oiled threads and heads unless otherwise specified. Therefore, do not grease or oil bolts or capscrews unless otherwise specified in this manual. When using locking elements, increase torque values by 5%.

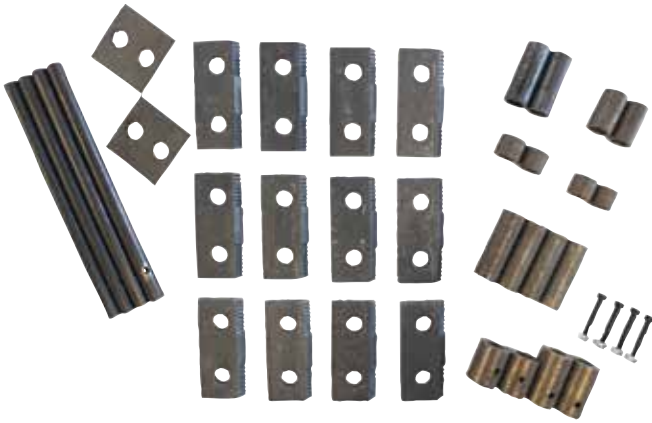
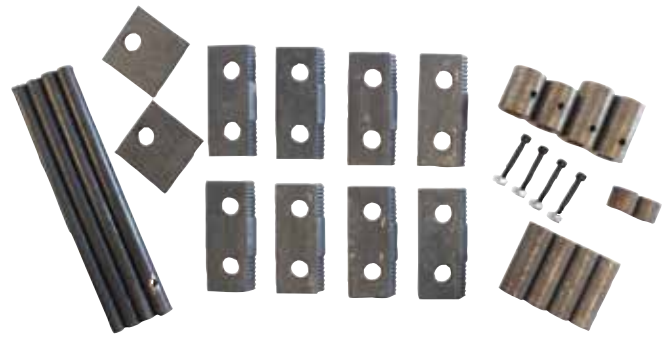
PART NUMBER	DESCRIPTION	SC3265	SC3206	SC3305	SC3305E	SC3342
31605-00	METER, TACH/HOUR	•	•	•	•	•
70089	LEAF TAMPER	•	•	•	•	•
70093	ALL WEATHER COVER	•	•	•	•	•
70251	BLOWER WITH 2-BLADE RADIAL FAN	•		•	•	•
70355-00	KIT, 3" DISCHARGE DEBRIS BAG	•	•	•	•	•
70738	KIT, CHIPPER BLADE	•	•	•	•	•
70973	KIT, WIDE BODY SHREDDER KNIVES	•		•	•	•
77000-00	KIT, TWO WHEEL TOW	•	•	•	•	•
77353-00	TRAILER, 3" CHIPPER/SHREDDER	•	•	•	•	•
77382-12	SCREEN, FINE DISCHARGE (3/8" DIAMETER HOLES)		•			
77383-12	SCREEN, MEDIUM DISCHARGE (3/4" DIAMETER HOLES)		•			
77384-12	SCREEN, COARSE DISCHARGE (1-3/8" DIAMETER SLOTS)		•			
77385-12	SCREEN, WET DEBRIS		•			
77386-12	SCREEN, FINE DISCHARGE (3/8" DIAMETER HOLES)	•		•	•	•
77387-12	SCREEN, MEDIUM DISCHARGE (3/4" DIAMETER HOLES)	•		•	•	•
77388-12	SCREEN, COARSE DISCHARGE (1-3/8" DIAMETER SLOTS)	•		•	•	•
77389-12	SCREEN, WET DEBRIS	•		•	•	•
77589-00	KIT, NARROW BODY SHREDDER KNIVES		•			
77700-00	KIT, WIDE BODY TRAILER	•		•	•	•
77701-00	KIT, NARROW BODY TRAILER		•			



Discharge Screens.
See Chart for Part Number Details.



Chipping Blade Kit, 70738

*Shredder Knife Kit, 70973**Shredder Knife Kit, 77589-00**All Weather Cover, 70093**Discharge Debris Bag, 70355-00**Two Wheel Tow Kit, 77000-00**Trailer, 77353-00**Leaf Tamper, 70089*



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