



3 INCH CHIPPER/SHREDDERS

70050 - 5.5 HP

75311 - 11 HP

70080 - 8 HP

70050S - 5.5 HP

70085 - 8 HP ELECTRIC

70080S - 8 HP ELECTRIC

70180 - 8 HP

70180S - 8 HP

70380 - 8 HP

70380S - 8 HP

70385 - 8 HP ELECTRIC

70580S - 8 HP ELECTRIC

70580 - 8 HP TOWABLE

PARTS MANUAL



PN: 14849-00 R071404
Companion to 14846

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 1-800-247-7335.

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.

PARTS ORDERING INFORMATION

For service assistance or parts, contact your nearest authorized ECHO Bear Cat dealer or the factory. Your nearest authorized 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.

If you need engine service or parts:

For engine service or parts, contact your nearest authorized engine dealer. An authorized engine dealer can handle all parts, repairs, and warranty service concerning the engine.

REPLACEMENT 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 of your machine.

The PART NUMBER of the part.

The PART DESCRIPTION.

The QUANTITY needed.

SERIAL NUMBER LOCATION

Please record the serial number in the space provided and on the warranty and registration card.

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

SERIAL NUMBER

HOW TO CONTACT ECHO BEAR CAT			
ADDRESS	PHONE	E-MAIL	HOURS
237 NW 12th Street P.O. Box 849 West Fargo, ND 58078	800-247-7335 701-282-5520 FAX: 701-282-9522	opesales@crary.com service@crary.com	Monday - Friday, 8 am to 5 pm Central Time

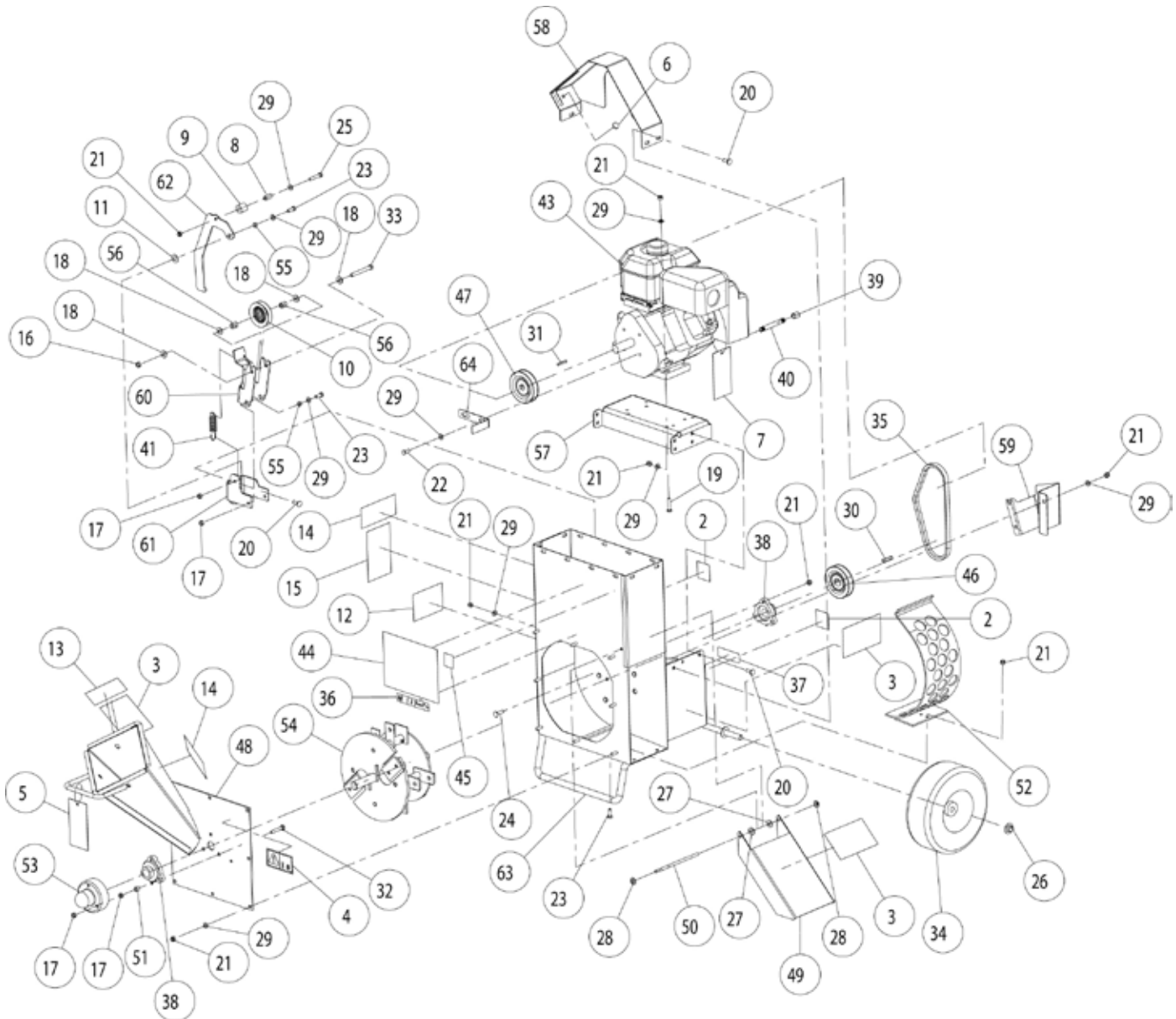
Parts Catalog

3" Chipper/Shredders

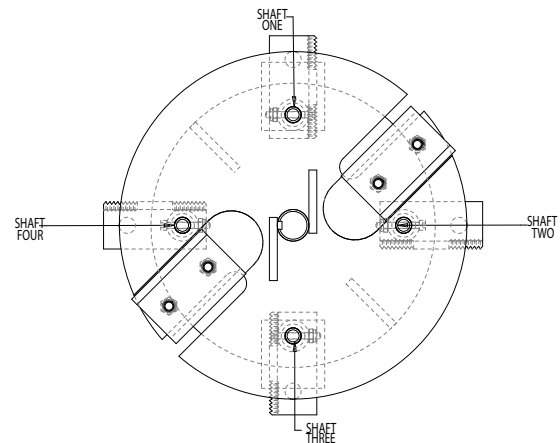
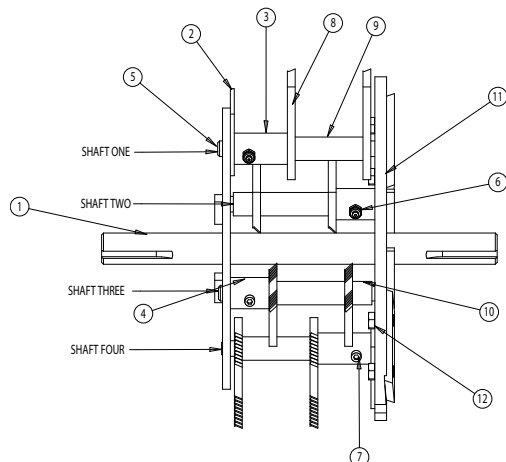
CONTENTS

70050 CHIPPER/SHREDDER ASSEMBLY	2
70050S CHIPPER/SHREDDER ASSEMBLY.....	4
70080 AND 76311 CHIPPER/SHREDDER ASSEMBLY	6
70080S CHIPPER/SHREDDER ASSEMBLY.....	8
70085 CHIPPER/SHREDDER ASSEMBLY	10
70180 CHIPPER/SHREDDER ASSEMBLY	12
70180S CHIPPER/SHREDDER ASSEMBLY.....	14
70380 CHIPPER/SHREDDER ASSEMBLY	16
70380S CHIPPER/SHREDDER ASSEMBLY.....	18
70385 CHIPPER/SHREDDER ASSEMBLY	20
70580 CHIPPER/SHREDDER ASSEMBLY	22
70580S CHIPPER/SHREDDER ASSEMBLY.....	24
HOPPER ASSEMBLY - MODEL 70050	26
HOPPER ASSEMBLY - MODELS 70080, 70085, 70180, 70380, 70385, 70580.....	28
HOPPER ASSEMBLY - MODEL 70050S.....	30
HOPPER ASSEMBLY - MODELS 70080S, 70185S, 70380S, 70580S.....	32
HITCH ASSEMBLY	34
CHIPPER CHUTE EXTENSION - MODELS 70080S, 70185S, 70380S, 70580S.....	36
OWNERS KITS.....	37
SERVICE PARTS.....	38
ENGINE MAINTENANCE PARTS	38
ACCESSORIES	38
SAFETY DECALS.....	38

70050 CHIPPER/SHREDDER ASSEMBLY



71380, NARROW ROTOR-RECT KNIVES ASSEMBLY

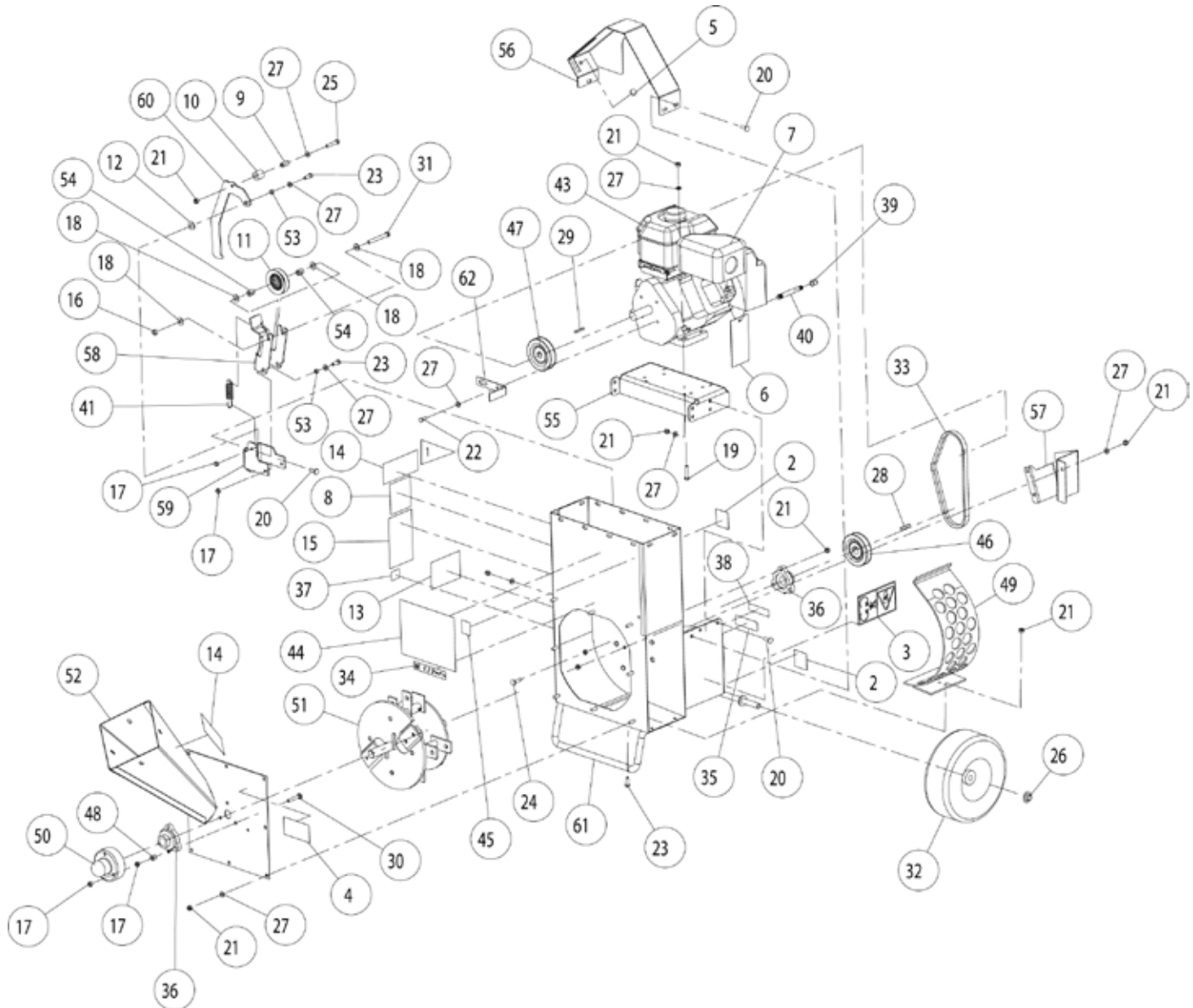


70050 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	3
4	12250	DECAL, CHECK BOLTS	1
5	12515	TAG, MIDSIZE C/S SALE	1
6	13904-00	GROMMET, RUBBER	1
7	14119-00	TAG, FLUID NOTICE	1
8	14635-00	SPACER, .50 X 1.00	1
9	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
10	14637-00	IDLER, 3.1" AB BELT	1
11	14640-00	WASHER, 1/2" NYLON	1
12	14703-00	DECAL, CLUTCH ENGAGEMENT	1
13	14938-00	DECAL, CHIPPER SIZE	1
14	14942-00	DECAL, MULTILINGUAL MANUAL	2
15	14965-00	DECAL, PROTECTION	1
16	15047	NUT, 3/8" CENTERLOCK	1
17	15178	NUT, 5/16" CENTERLOCK	9
18	15250	WASHER, 5/16 FLAT	4
19	15282	BOLT, 5/16 X 1-1/2 HEX	4
20	15301	BOLT, 5/16 X 1 CRG	9
21	15356	NUT, 5/16 NYLOCK	29
22	15381	BOLT, 5/16 X 3/4 NF HEX	2
23	15396	BOLT, 5/16 X 7/8 HEX HD	4
24	15398	BOLT, 5/16 X 1-1/4 CRG	3
25	15403	BOLT, 5/16 X 1-3/4 HEX	1
26	15406	PUSHNUT, 5/8 IN	2
27	15409	WASHER, 5/16 NYLON	2
28	15411	PUSHNUT, 5/8 IN	2
29	15416	WASHER, 5/16 SAE FLAT	30
30	15418	KEY, 1/4 X 1-1/2 SQ	1
31	15434	KEY, 3/16 X 1-1/2 SQ	1
32	15477	BOLT, 5/16 X 2" CRG	3
33	15501	BOLT, 3/8 NCX 3-1/4 GR5 HEX HD	1
34	16003	WHEEL ASSEMBLY, 410/350-4	2

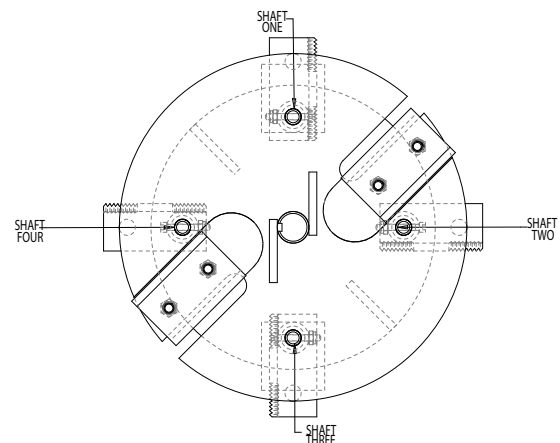
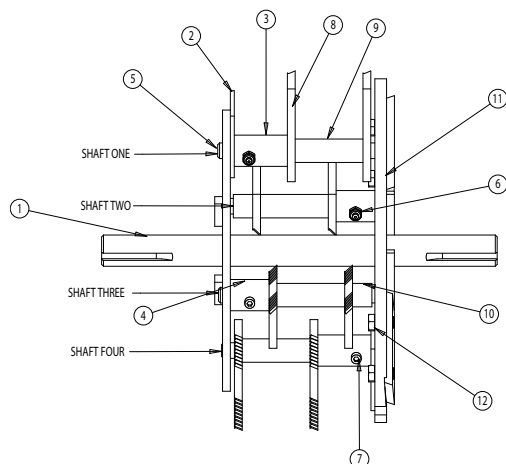
70050 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
35	16043	BELT, 29" C/S	1
36	16140	DECAL, 70050 MODEL	1
37	16155	DECAL, SERIAL NUMBER	1
38	16234	BEARING, 1 IN. FLUSHMOUNT	2
39	17496	CAP, 1/4" PIPE	1
40	17497	PIPE, 1/4 X 4"	1
41	17692	SPRING, BLOWER DRIVE	1
43	17825	ENGINE, 5.5 HP INTEK	1
44	17836	DECAL, BEARCAT PICTURE	1
45	17838	DECAL, MADE IN USA	1
46	17958	PULLEY, (CAST)4.0 X 1.0 B-GROOVE	1
47	17959	PULLEY, (CAST)4.0 X 0.75 B-GROOVE	1
48	70023	WELDMENT, CHIPPER CHUTE	1
49	70028	DISCHARGE DOOR (5 HP)	1
50	70087	SHAFT, DOOR PIVOT	1
51	70285	SPACER, .54 X .50	3
52	70310	SCREEN WELDMENT, NARROW COURSE CLIP	1
53	70760	CAP, ROTORSHAFT END	1
54	71380	ASSY, NARROW ROTOR W/RECT KNIVES	1
55	73063	SPACER, .50 X .25	3
56	73760-00	SPACER, .63 X .75	2
57	74249-12	PLATE, ENGINE MOUNTING	1
58	74357-12	SHIELD, UPPER	1
59	74358-12	GUARD, LOWER BELT	1
60	74359-12	BRACKET, IDLER	1
61	74361-12	MOUNT, IDLER BRACKET	1
62	74362-12	HANDLE, ENGAGEMENT	1
63	74365-35	WELDMENT, SHREDDER FRAME 5 HP	1

71380, NARROW ROTOR-RECT KNIVES ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	72741	WELDMENT, NARROW ROTOR	1
2	71382	KNIFE, ROTOR BALANCE	2
3	70537	SPACER, 1.0 X 1.70 WITH HOLE	2
4	70538	SPACER, 1.0 X 1.24 WITH HOLE	2
5	70031	KNIFE SHAFT	4
6	15459	SCREW, 10-24 X 1-3/8 IN. SKT HD CAP	4
7	15397	NUT, #10 X 24 NYLOCK	4
8	70856	SHREDDING KNIFE, RECTANGULAR	8
9	70533	SPACER, 0.75 X 2.170	4
10	70534	SPACER, .75 X .62	2
11	70739	BLADE, TWO EDGE CHIPPER	2
12	15446	BOLT, 5/16 X 5/8 GR 8	4

70050S CHIPPER/SHREDDER ASSEMBLY



71380, NARROW ROTOR-RECT KNIVES ASSEMBLY

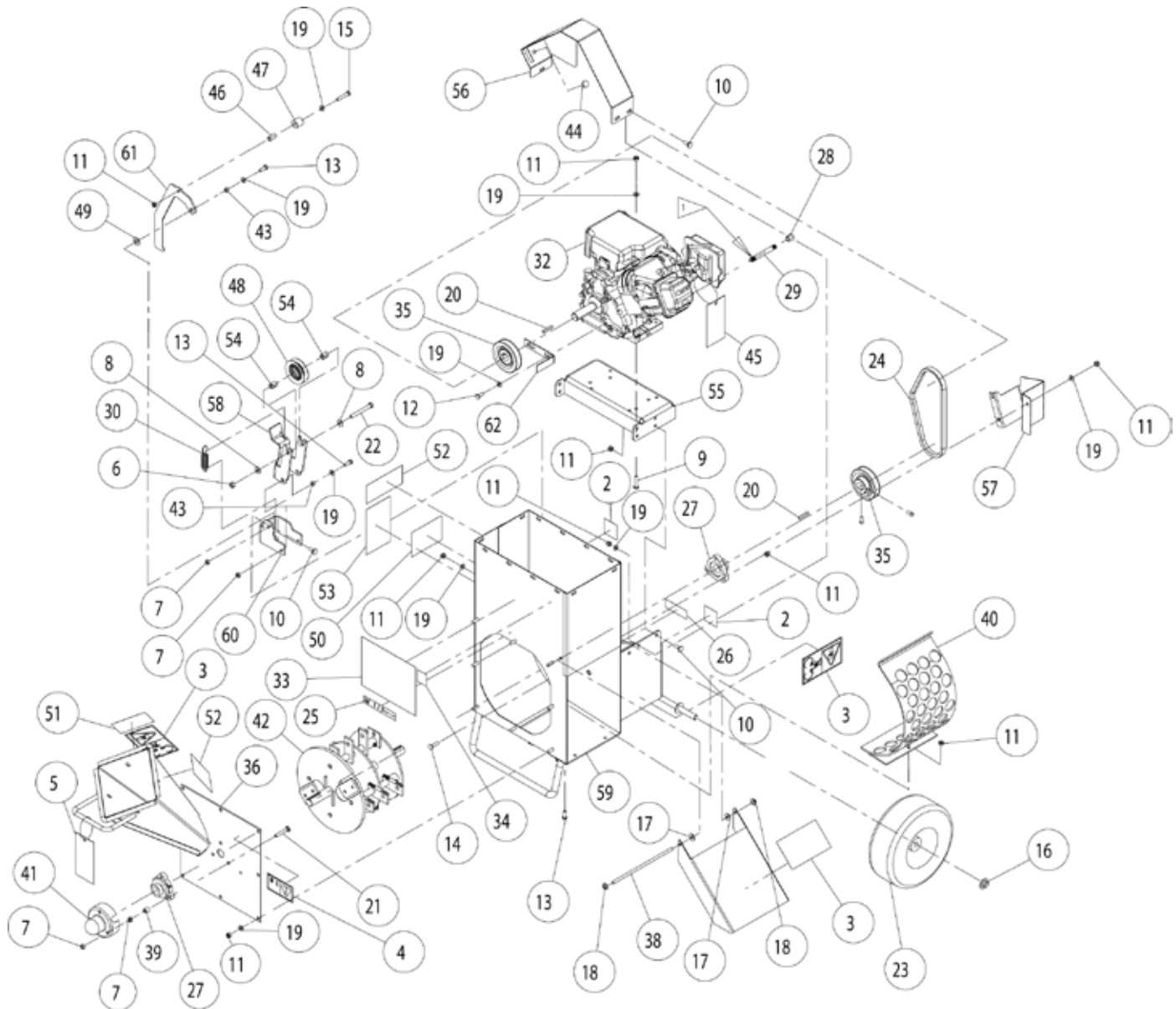


70050S CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	1
4	12250	DECAL, CHECK BOLTS	1
5	13904-00	GROMMET, RUBBER	1
6	14119-00	TAG, FLUID NOTICE	1
7	14173-00	GUARD, MUFFLER	1
8	14342-00	DECAL, 111 DB	1
9	14635-00	SPACER, .50 X 1.00	1
10	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
11	14637-00	IDLER, 3.1" AB BELT	1
12	14640-00	WASHER, 1/2" NYLON	1
13	14703-00	DECAL, CLUTCH ENGAGEMENT	1
14	14942-00	DECAL, MULTILINGUAL MANUAL	2
15	14965-00	DECAL, PROTECTION	1
16	15047	NUT, 3/8" CENTERLOCK	1
17	15178	NUT, 5/16" CENTERLOCK	6
18	15250	WASHER, 5/16 FLAT	4
19	15282	BOLT, 5/16 X 1-1/2 HEX	1
20	15301	BOLT, 5/16 X 1 CRG	3
21	15356	NUT, 5/16 NYLOCK	8
22	15381	BOLT, 5/16 X 3/4 NF HEX	1
23	15396	BOLT, 5/16 X 7/8 HEX HD	3
24	15398	BOLT, 5/16 X 1-1/4 CRG	1
25	15403	BOLT, 5/16 X 1-3/4 HEX	1
26	15406	PUSHNUT, 5/8 IN	1
27	15416	WASHER, 5/16 SAE FLAT	11
28	15418	KEY, 1/4 X 1-1/2 SQ	1
29	15434	KEY, 3/16 X 1-1/2 SQ	1
30	15477	BOLT, 5/16 X 2" CRG	1
31	15501	BOLT, 3/8 NCX 3-1/4 GR5 HEX HD	1
32	16003	WHEEL ASSEMBLY, 410/350-4	1
33	16043	BELT, 29" C/S	1
34	16140	DECAL, 70050 MODEL	1

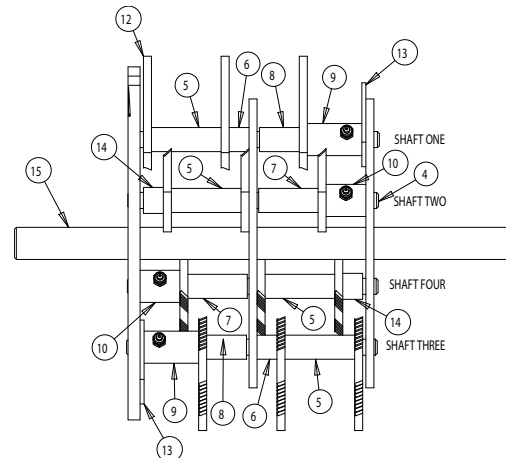
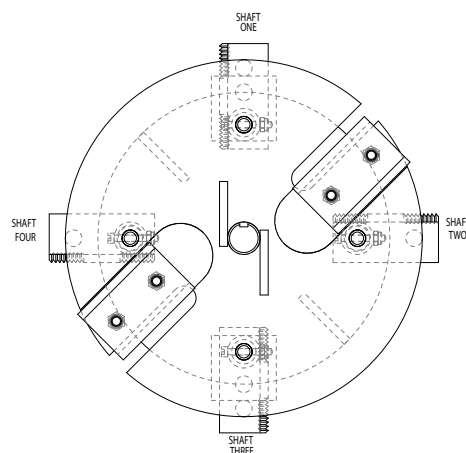
70050S CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
35	16155	DECAL, SERIAL NUMBER	1
36	16234	BEARING, 1 IN. FLUSHMOUNT	2
37	16753	DECAL, CE	1
38	16888	DECAL, 5 HP INFO	1
39	17496	CAP, 1/4" PIPE	1
40	17497	PIPE, 1/4 X 4"	1
41	17692	SPRING, BLOWER DRIVE	1
43	17825	ENGINE, 5.5 HP INTEK	1
44	17836	DECAL, BEARCAT PICTURE	1
45	17838	DECAL, MADE IN USA	1
46	17958	PULLEY, (CAST)4.0 X 1.0 B-GROOVE	1
47	17959	PULLEY, (CAST)4.0 X 0.75 B-GROOVE	1
48	70285	SPACER, .54 X .50	1
49	70310	SCREEN WELDMENT, NARROW COURSE CLIP	1
50	70760	CAP, ROTOR SHAFT END	1
51	71380	ASSY, NARROW ROTOR W/RECT KNIVES	1
52	71449	WELDMENT, 3 INCH EUROPEAN CHUTE	1
53	73063	SPACER, .50 X .25	2
54	73760-00	SPACER, .63 X .75	2
55	74249-12	PLATE, ENGINE MOUNTING	1
56	74357-12	SHIELD, UPPER	1
57	74358-12	GUARD, LOWER BELT	1
58	74359-12	BRACKET, IDLER	1
59	74361-12	MOUNT, IDLER BRACKET	1
60	74362-12	HANDLE, ENGAGEMENT	1
61	74365-35	WELDMENT, SHREDDER FRAME 5 HP	1
62	74374-12	GUIDE, BELT	1

71380, NARROW ROTOR-RECT KNIVES ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	72741	WELDMENT, NARROW ROTOR	1
2	71382	KNIFE, ROTOR BALANCE	2
3	70537	SPACER, 1.0 X 1.70 WITH HOLE	2
4	70538	SPACER, 1.0 X 1.24 WITH HOLE	2
5	70031	KNIFE SHAFT	4
6	15459	SCREW, 10-24 X 1-3/8 IN. SKT HD CAP	4
7	15397	NUT, #10 X 24 NYLOCK	4
8	70856	SHREDDING KNIFE, RECTANGULAR	8
9	70533	SPACER, 0.75 X 2.170	4
10	70534	SPACER, .75 X .62	2
11	70739	BLADE, TWO EDGE CHIPPER	2
12	15446	BOLT, 5/16 X 5/8 GR 8	4

70080, 75311 CHIPPER/SHREDDER ASSEMBLY



70970, WIDE RENTAL ROTOR W/RECT KNIVES ASSEMBLY

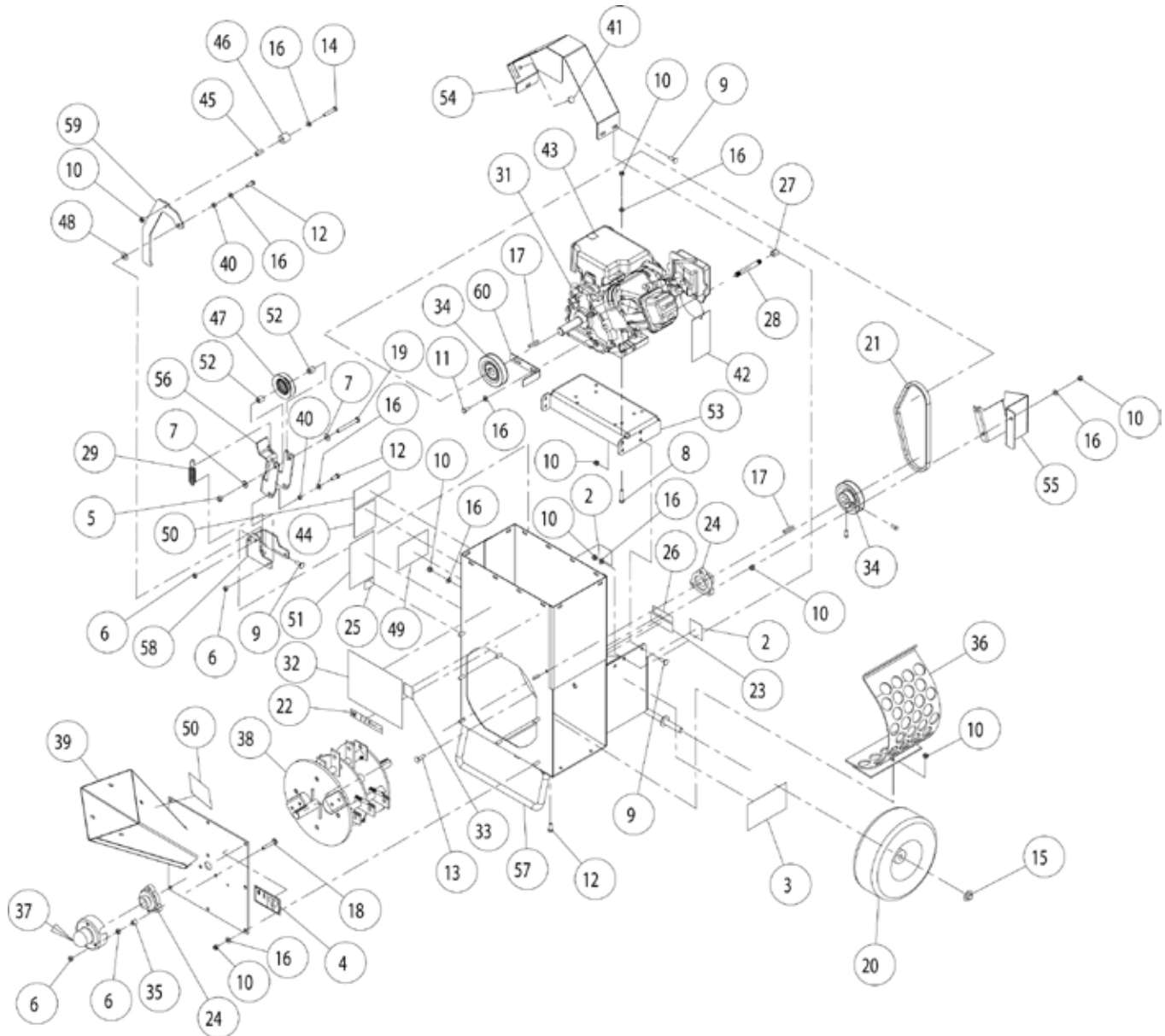


70080, 75311 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	3
4	12250	DECAL, CHECK BOLTS	1
5	12515	TAG, MIDSIZE C/S SALE	1
6	15047	NUT, 3/8" CENTERLOCK	1
7	15178	NUT, 5/16" CENTERLOCK	9
8	15250	WASHER, 5/16 FLAT	2
9	15282	BOLT, 5/16 X 1-1/2 HEX	4
10	15301	BOLT, 5/16 X 1 CRG	9
11	15356	NUT, 5/16 NYLOCK	30
12	15381	BOLT, 5/16 X 3/4 NF HEX	2
13	15396	BOLT, 5/16 X 7/8 HEX HD	4
14	15398	BOLT, 5/16 X 1-1/4 CRG	3
15	15403	BOLT, 5/16 X 1-3/4 HEX	1
16	15406	PUSHNUT, 5/8 IN	2
17	15409	WASHER, 5/16 NYLON	2
18	15411	PUSHNUT, 5/8 IN	2
19	15416	WASHER, 5/16 SAE FLAT	30
20	15418	KEY, 1/4 X 1-1/2 SQ	2
21	15477	BOLT, 5/16 X 2" CRG	3
22	15501	BOLT, 3/8 NCX 3-1/4 GR5 HEX HD	1
23	16003	WHEEL ASSEMBLY, 410/350-4	2
24	16043	BELT, 29" C/S	1
25	16141	DECAL, 70080 MODEL	1
	18626-00	DECAL, 75311 MODEL	1
26	16155	DECAL, SERIAL NUMBER	1
27	16234	BEARING, 1 IN. FLUSHMOUNT	2
28	17496	CAP, 1/4" PIPE	1
29	17497	PIPE, 1/4 X 4"	1
30	17692	SPRING, BLOWER DRIVE	1
32	17826	ENGINE, 8 HP INTEK	1
	18625-00	ENGINE, 11 HP INTEK BRIGGS	1

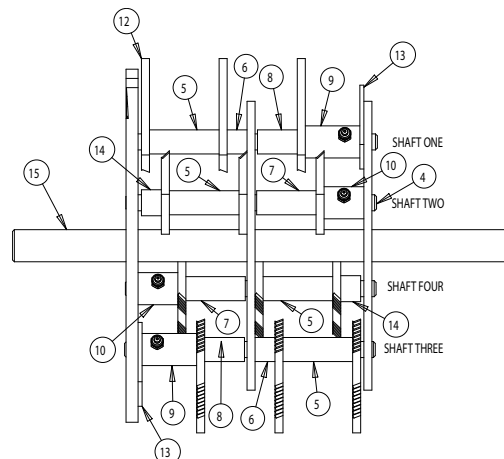
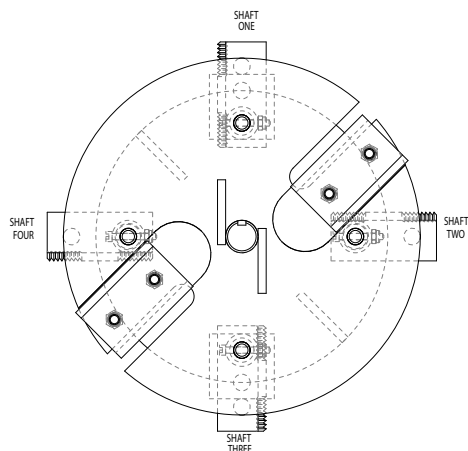
70080, 75311 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
33	17836	DECAL, BEARCAT PICTURE	1
34	17838	DECAL, MADE IN USA	1
35	17958	PULLEY, (CAST)4.0 X 1.0 B-GROOVE	2
36	70023	WELDMENT, CHIPPER CHUTE	1
37	70067	DISCHARGE DOOR (8 HP)	1
38	70088	SHAFT, DOOR PIVOT	1
39	70285	SPACER, .54 X .50	3
40	70301	SCREEN, WLDWIDE CRS	1
41	70760	CAP, ROTOR SHAFT END	1
42	70970	ASSEMBLY, WIDE RENTAL ROTOR W/RECT KNIVES	1
43	73063	SPACER, .50 X .25	3
44	13904-00	GROMMET, RUBBER	1
45	14119-00	TAG, FLUID NOTICE	1
46	14635-00	SPACER, .50 X 1.00	1
47	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
48	14637-00	IDLER, 3.1" AB BELT	1
49	14640-00	WASHER, 1/2" NYLON	1
50	14703-00	DECAL, CLUTCH ENGAGEMENT	1
51	14938-00	DECAL, CHIPPER SIZE	1
52	14942-00	DECAL, MULTILINGUAL MANUAL	2
53	14965-00	DECAL, PROTECTION	1
54	73760-00	SPACER, .63 X .75	2
55	74249-12	PLATE, ENGINE MOUNTING	1
56	74357-12	SHIELD, UPPER	1
57	74358-12	GUARD, LOWER BELT	1
58	74359-12	BRACKET, IDLER	1
59	74360-35	WELDMENT, WIDE FRAME	1
60	74361-12	MOUNT, IDLER BRACKET	1
61	74362-12	HANDLE, ENGAGEMENT	1
62	74374-12	GUIDE, BELT	1

70970, WIDE RENTAL ROTOR W/RECT. KNIVES ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	15397	NUT, #10 X 24 NYLOCK	4
2	15446	BOLT, 5/16 X 5/8 GR 8	4
3	15459	SCREW, 10-24 X 1-3/8 IN. SKT HD CAP	4
4	70064	SHAFT KNIFE, LONG	4
5	70533	SPACER, 0.75 X 2.170	4
6	70534	SPACER, .75 X .62	2
7	70535	SPACER, 0.75 X 1.850	2
8	70536	SPACER, 0.75 X 1.24	2
9	70537	SPACER, 1.0 X 1.70 WITH HOLE	2
10	70538	SPACER, 1.0 X 1.70 WITH HOLE	2
11	70739	BLADE, TWO EDGE CHIPPER	2
12	70856	SHREDDING KNIFE, RECTANGULAR	12
13	70967	KNIFE, ROTOR BALANCE	2
14	70968	SPACER, 0.81 X 0.62	2
15	72742	WELDMENT, WIDE ROTOR	1

70080S CHIPPER/SHREDDER ASSEMBLY



70970, WIDE RENTAL ROTOR W/RECT KNIVES ASSEMBLY

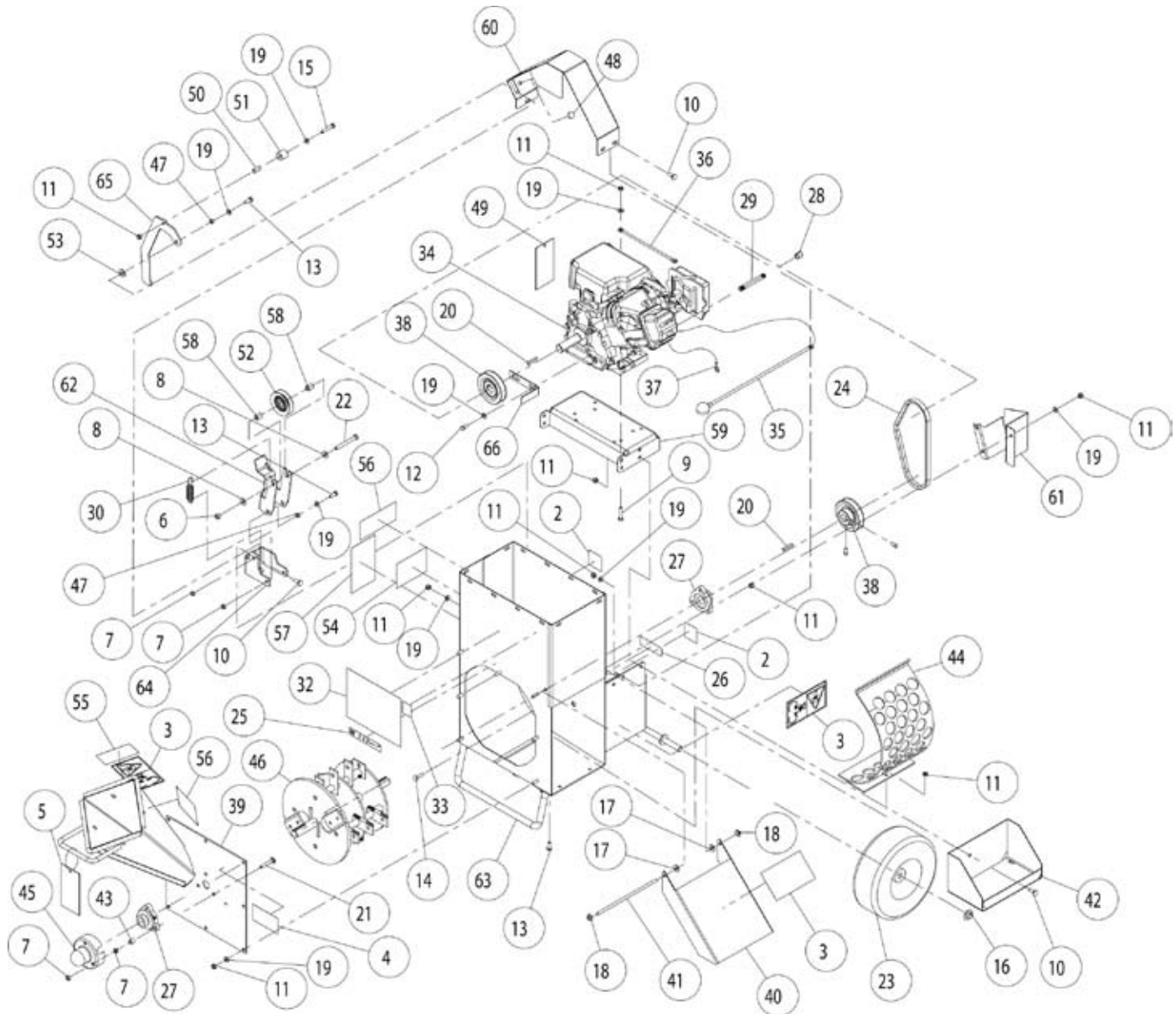


70080S CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	1
4	12250	DECAL, CHECK BOLTS	1
5	15047	NUT, 3/8" CENTERLOCK	1
6	15178	NUT, 5/16" CENTERLOCK	9
7	15250	WASHER, 5/16 FLAT	2
8	15282	BOLT, 5/16 X 1-1/2 HEX	4
9	15301	BOLT, 5/16 X 1 CRG	9
10	15356	NUT, 5/16 NYLOCK	30
11	15381	BOLT, 5/16 X 3/4 NF HEX	2
12	15396	BOLT, 5/16 X 7/8 HEX HD	4
13	15398	BOLT, 5/16 X 1-1/4 CRG	3
14	15403	BOLT, 5/16 X 1-3/4 HEX	1
15	15406	PUSHNUT, 5/8 IN	2
16	15416	WASHER, 5/16 SAE FLAT	30
17	15418	KEY, 1/4 X 1-1/2 SQ	2
18	15477	BOLT, 5/16 X 2" CRG	3
19	15501	BOLT, 3/8 NC X 3-1/4 GR5 HEX HD	1
20	16003	WHEEL ASSEMBLY, 410/350-4	2
21	16043	BELT, 29" C/S	1
22	16141	DECAL, 70080 MODEL	1
23	16155	DECAL, SERIAL NUMBER	1
24	16234	BEARING, 1 IN. FLUSHMOUNT	2
25	16753	DECAL, CE	1
26	16889	DECAL, 8 HP INFO	1
27	17496	CAP, 1/4" PIPE	1
28	17497	PIPE, 1/4 X 4"	1
29	17692	SPRING, BLOWER DRIVE	1
31	17826	ENGINE, 8 HP INTEK	1
32	17836	DECAL, BEARCAT PICTURE	1
33	17838	DECAL, MADE IN USA	1

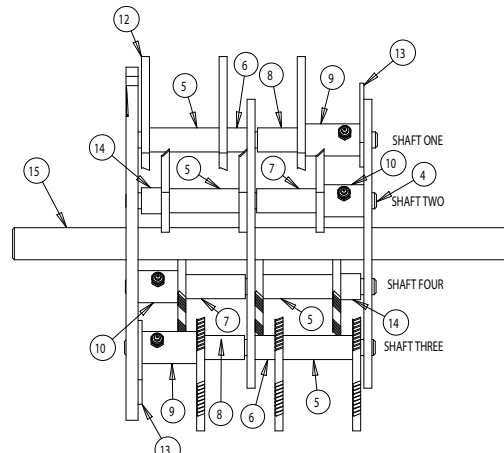
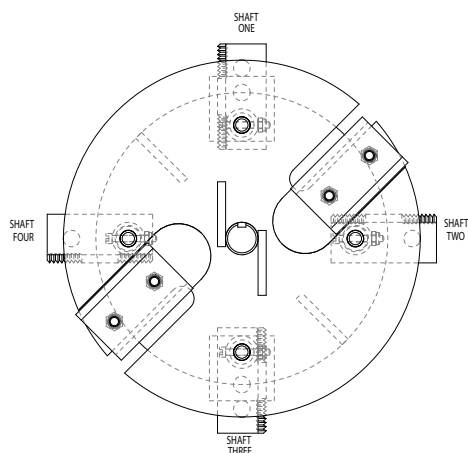
70080S CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
34	17958	PULLEY, (CAST)4.0 X 1.0 B-GROOVE	2
35	70285	SPACER, .54 X .50	3
36	70301	SCREEN, WLDWIDE CRS	1
37	70760	CAP, ROTOR SHAFT END	1
38	70970	ASSEMBLY, WIDE RENTAL ROTOR W/RECT KNIVES	1
39	71449	WELDMNT, 3 INCH EUROPEAN CHUTE	1
40	73063	SPACER, .50 X .25	3
41	13904-00	GROMMET, RUBBER	1
42	14119-00	TAG, FLUID NOTICE	1
43	14193-00	GUARD, MUFFLER	1
44	14343-00	DECAL, 112 DB	1
45	14635-00	SPACER, .50 X 1.00	1
46	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
47	14637-00	IDLER, 3.1" AB BELT	1
48	14640-00	WASHER, 1/2" NYLON	1
49	14703-00	DECAL, CLUTCH ENGAGEMENT	1
50	14942-00	DECAL, MULTILINGUAL MANUAL	2
51	14965-00	DECAL, PROTECTION	1
52	73760-00	SPACER, .63 X .75	2
53	74249-12	PLATE, ENGINE MOUNTING	1
54	74357-12	SHIELD, UPPER	1
55	74358-12	GUARD, LOWER BELT	1
56	74359-12	BRACKET, IDLER	1
57	74360-35	WELDMNT, WIDE FRAME	1
58	74361-12	MOUNT, IDLER BRACKET	1
59	74362-12	HANDLE, ENGAGEMENT	1
60	74374-12	GUIDE, BELT	1

70970, WIDE RENTAL ROTOR W/RECT. KNIVES ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	15397	NUT, #10 X 24 NYLOCK	4
2	15446	BOLT, 5/16 X 5/8 GR 8	4
3	15459	SCREW, 10-24 X 1-3/8 IN. SKT HD CAP	4
4	70064	SHAFT KNIFE, LONG	4
5	70533	SPACE, 0.75 X 2.170	4
6	70534	SPACER, .75 X .62	2
7	70535	SPACER, 0.75 X 1.850	2
8	70536	SPACER, 0.75 X 1.24	2
9	70537	SPACER, 1.0 X 1.70 WITH HOLE	2
10	70538	SPACER, 1.0 X 1.70 WITH HOLE	2
11	70739	BLADE, TWO EDGE CHIPPER	2
12	70856	SHREDDING KNIFE, RECTANGULAR	12
13	70967	KNIFE, ROTOR BALANCE	2
14	70968	SPACER, 0.81 X 0.62	2
15	72742	WELDMNT, WIDE ROTOR	1

70085 CHIPPER/SHREDDER ASSEMBLY



70970, WIDE RENTAL ROTOR W/RECT KNIVES ASSEMBLY

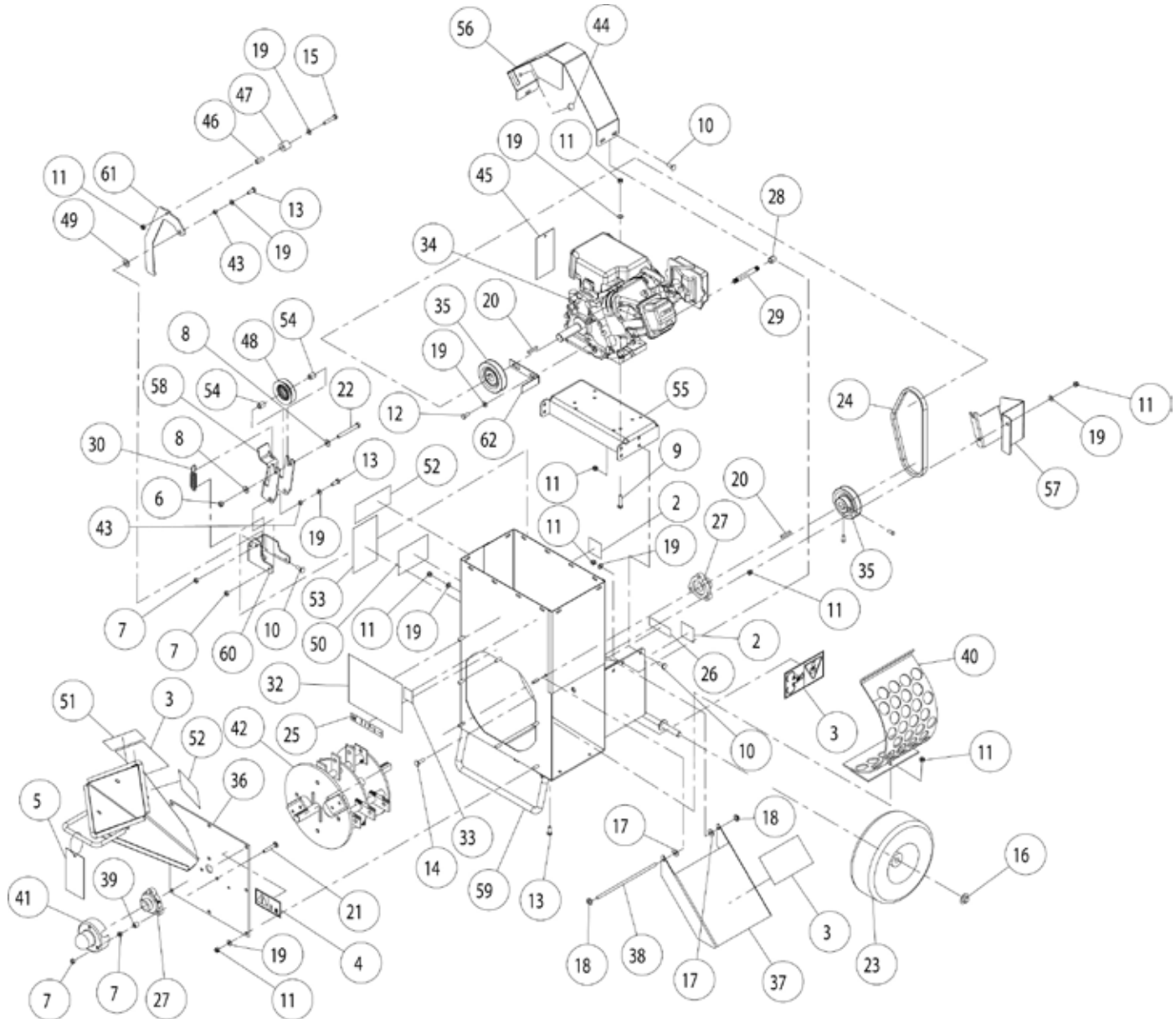


70085 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	3
4	12250	DECAL, CHECK BOLTS	1
5	12515	TAG, MIDSIZE C/S SALE	1
6	15047	NUT, 3/8" CENTERLOCK	1
7	15178	NUT, 5/16" CENTERLOCK	9
8	15250	WASHER, 5/16 FLAT	2
9	15282	BOLT, 5/16 X 1-1/2 HEX	4
10	15301	BOLT, 5/16 X 1 CRG	9
11	15356	NUT, 5/16 NYLOCK	30
12	15381	BOLT, 5/16 X 3/4 NF HEX	2
13	15396	BOLT, 5/16 X 7/8 HEX HD	4
14	15398	BOLT, 5/16 X 1-1/4 CRG	3
15	15403	BOLT, 5/16 X 1-3/4 HEX	1
16	15406	PUSHNUT, 5/8 IN	2
17	15409	WASHER, 5/16 NYLON	2
18	15411	PUSHNUT, 5/8 IN	2
19	15416	WASHER, 5/16 SAE FLAT	30
20	15418	KEY, 1/4 X 1-1/2 SQ	2
21	15477	BOLT, 5/16 X 2" CRG	3
22	15501	BOLT, 3/8 NC X 3-1/4 GR5 HEX HD	1
23	16003	WHEEL ASSEMBLY, 410/350-4	2
24	16043	BELT, 29" C/S	1
25	16142	DECAL, 70085 MODEL	1
26	16155	DECAL, SERIAL NUMBER	1
27	16234	BEARING, 1 IN. FLUSHMOUNT	2
28	17496	CAP, 1/4" PIPE	1
29	17497	PIPE, 1/4 X 4"	1
30	17692	SPRING, BLOWER DRIVE	1
32	17836	DECAL, BEARCAT PICTURE	1
33	17838	DECAL, MADE IN USA	1
34	17862	ENGINE, 8 HP INTEK ELEC	1
35	17888	CABLE, POSITIVE BATTERY	1
36	17889	CABLE, NEGATIVE BATTERY	1

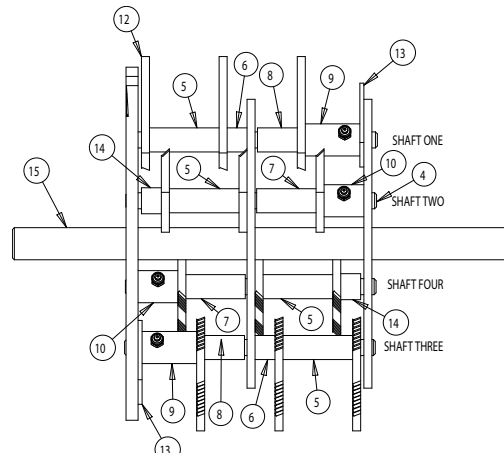
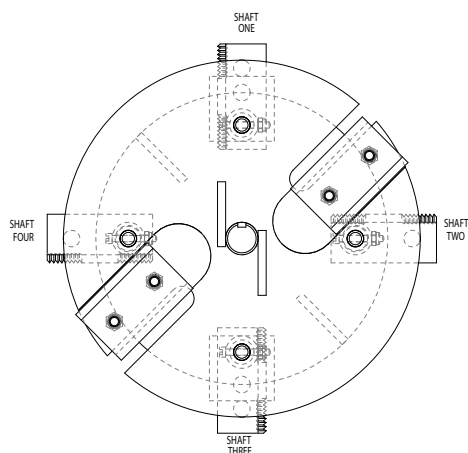
70085 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
37	17890	TERMINAL, ELECTRICAL	1
38	17958	PULLEY, (CAST)4.0 X 1.0 B-GROOVE	2
39	70023	WELDMNT, CHIPPER CHUTE	1
40	70067	DISCHARGE DOOR (8 HP)	1
41	70088	SHAFT, DOOR PIVOT	1
42	70141	WELDMNT, BATTERY BOX	1
43	70285	SPACER, .54 X .50	3
44	70301	SCREEN, WLDWIDE CRS	1
45	70760	CAP, ROTOR SHAFT END	1
46	70970	ASSEMBLY, WIDE RENTAL ROTOR W/RECT KNIVES	1
47	73063	SPACER, .50 X .25	3
48	13904-00	GROMMET, RUBBER	1
49	14119-00	TAG, FLUID NOTICE	1
50	14635-00	SPACER, .50 X 1.00	1
51	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
52	14637-00	IDLER, 3.1" AB BELT	1
53	14640-00	WASHER, 1/2" NYLON	1
54	14703-00	DECAL, CLUTCH ENGAGEMENT	1
55	14938-00	DECAL, CHIPPER SIZE	1
56	14942-00	DECAL, MULTILINGUAL MANUAL	2
57	14965-00	DECAL, PROTECTION	1
58	73760-00	SPACER, .63 X .75	2
59	74249-12	PLATE, ENGINE MOUNTING	1
60	74357-12	SHIELD, UPPER	1
61	74358-12	GUARD, LOWER BELT	1
62	74359-12	BRACKET, IDLER	1
63	74360-35	WELDMNT, WIDE FRAME	1
64	74361-12	MOUNT, IDLER BRACKET	1
65	74362-12	HANDLE, ENGAGEMENT	1
66	74374-12	GUIDE, BELT	1

70970, WIDE RENTAL ROTOR W/RECT. KNIVES ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	15397	NUT, #10 X 24 NYLOCK	4
2	15446	BOLT, 5/16 X 5/8 GR 8	4
3	15459	SCREW, 10-24 X 1-3/8 IN. SKT HD CAP	4
4	70064	SHAFT KNIFE, LONG	4
5	70533	SPACER, 0.75 X 2.170	4
6	70534	SPACER, .75 X .62	2
7	70535	SPACER, 0.75 X 1.850	2
8	70536	SPACER, 0.75 X 1.24	2
9	70537	SPACER, 1.0 X 1.70 WITH HOLE	2
10	70538	SPACER, 1.0 X 1.70 WITH HOLE	2
11	70739	BLADE, TWO EDGE CHIPPER	2
12	70856	SHREDDING KNIFE, RECTANGULAR	12
13	70967	KNIFE, ROTOR BALANCE	2
14	70968	SPACER, 0.81 X 0.62	2
15	72742	WELDMNT, WIDE ROTOR	1

70180 CHIPPER/SHREDDER ASSEMBLY



70970, WIDE RENTAL ROTOR W/RECT KNIVES ASSEMBLY

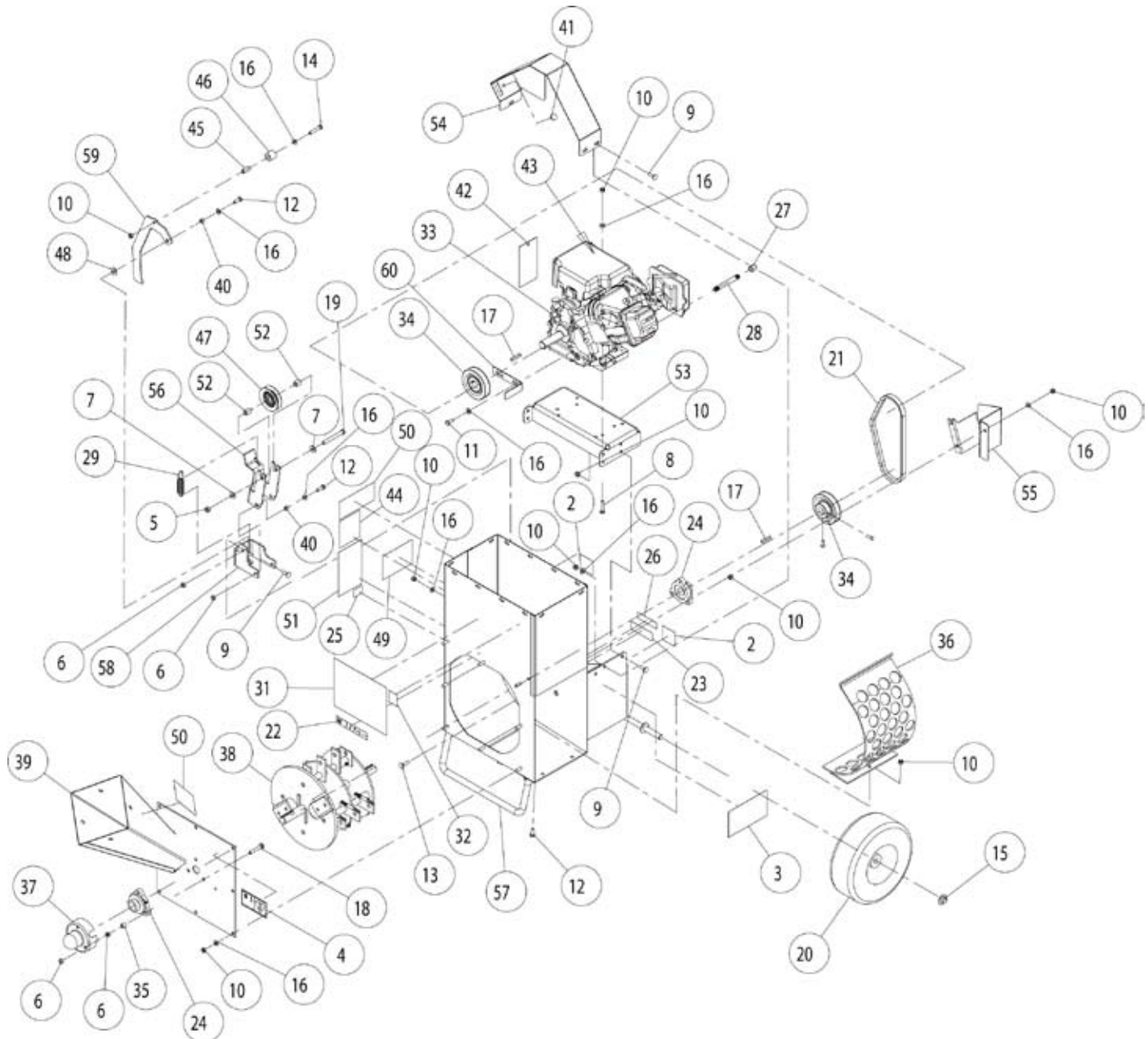


70180 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	3
4	12250	DECAL, CHECK BOLTS	1
5	12515	TAG, MIDSIZE C/S SALE	1
6	15047	NUT, 3/8" CENTERLOCK	1
7	15178	NUT, 5/16" CENTERLOCK	9
8	15250	WASHER, 5/16 FLAT	2
9	15282	BOLT, 5/16 X 1-1/2 HEX	4
10	15301	BOLT, 5/16 X 1 CRG	9
11	15356	NUT, 5/16 NYLOCK	30
12	15381	BOLT, 5/16 X 3/4 NF HEX	2
13	15396	BOLT, 5/16 X 7/8 HEX HD	4
14	15398	BOLT, 5/16 X 1-1/4 CRG	3
15	15403	BOLT, 5/16 X 1-3/4 HEX	1
16	15406	PUSHNUT, 5/8 IN	2
17	15409	WASHER, 5/16 NYLON	2
18	15411	PUSHNUT, 5/8 IN	2
19	15416	WASHER, 5/16 SAE FLAT	30
20	15418	KEY, 1/4 X 1-1/2 SQ	2
21	15477	BOLT, 5/16 X 2" CRG	3
22	15501	BOLT, 3/8 NC X 3-1/4 GR5 HEX HD	1
23	16003	WHEEL ASSEMBLY, 410/350-4	2
24	16043	BELT, 29" C/S	1
25	16144	DECAL, MODEL 70180	1
26	16155	DECAL, SERIAL NUMBER	1
27	16234	BEARING, 1 IN. FLUSHMOUNT	2
28	17496	CAP, 1/4" PIPE	1
29	17497	PIPE, 1/4 X 4"	1
30	17692	SPRING, BLOWER DRIVE	1
32	17836	DECAL, BEARCAT PICTURE	1
33	17838	DECAL, MADE IN USA	1
34	17861	ENGINE, 8 HP INTEK IC	1

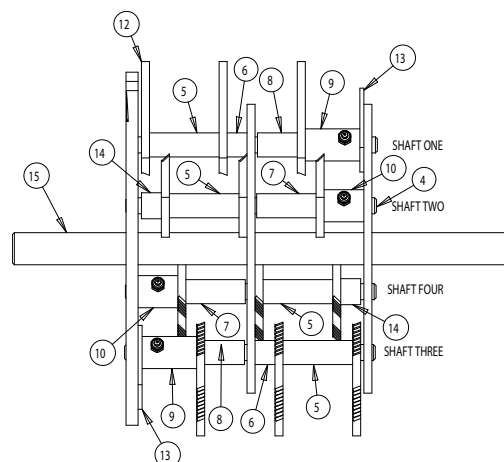
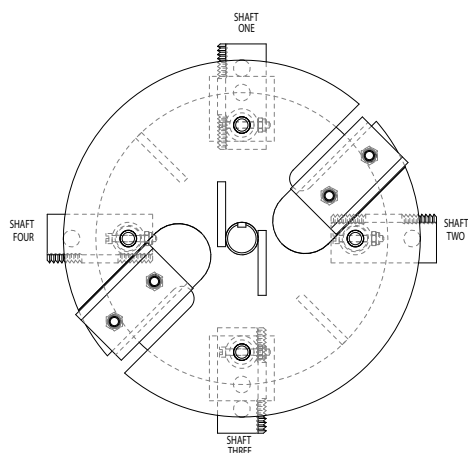
70180 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
35	17958	PULLEY, (CAST)4.0 X 1.0 B-GROOVE	2
36	70023	WELDMENT, CHIPPER CHUTE	1
37	70067	DISCHARGE DOOR (8 HP)	1
38	70088	SHAFT, DOOR PIVOT	1
39	70285	SPACER, .54 X .50	3
40	70301	SCREEN, WLDWIDE CRS	1
41	70760	CAP, ROTOR SHAFT END	1
42	70970	ASSEMBLY, WIDE RENTAL ROTOR W/RECT KNIVES	1
43	73063	SPACER, .50 X .25	3
44	13904-00	GROMMET, RUBBER	1
45	14119-00	TAG, FLUID NOTICE	1
46	14635-00	SPACER, .50 X 1.00	1
47	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
48	14637-00	IDLER, 3.1" AB BELT	1
49	14640-00	WASHER, 1/2" NYLON	1
50	14703-00	DECAL, CLUTCH ENGAGEMENT	1
51	14938-00	DECAL, CHIPPER SIZE	1
52	14942-00	DECAL, MULTILINGUAL MANUAL	2
53	14965-00	DECAL, PROTECTION	1
54	73760-00	SPACER, .63 X .75	2
55	74249-12	PLATE, ENGINE MOUNTING	1
56	74357-12	SHIELD, UPPER	1
57	74358-12	GUARD, LOWER BELT	1
58	74359-12	BRACKET, IDLER	1
59	74360-35	WELDMENT, WIDE FRAME	1
60	74361-12	MOUNT, IDLER BRACKET	1
61	74362-12	HANDLE, ENGAGEMENT	1
62	74374-12	GUIDE, BELT	1

70970, WIDE RENTAL ROTOR W/RECT. KNIVES ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	15397	NUT, #10 X 24 NYLOCK	4
2	15446	BOLT, 5/16 X 5/8 GR 8	4
3	15459	SCREW, 10-24 X 1-3/8 IN. SKT HD CAP	4
4	70064	SHAFT KNIFE, LONG	4
5	70533	SPACER, 0.75 X 2.170	4
6	70534	SPACER, .75 X .62	2
7	70535	SPACER, 0.75 X 1.850	2
8	70536	SPACER, 0.75 X 1.24	2
9	70537	SPACER, 1.0 X 1.70 WITH HOLE	2
10	70538	SPACER, 1.0 X 1.70 WITH HOLE	2
11	70739	BLADE, TWO EDGE CHIPPER	2
12	70856	SHREDDING KNIFE, RECTANGULAR	12
13	70967	KNIFE, ROTOR BALANCE	2
14	70968	SPACER, 0.81 X 0.62	2
15	72742	WELDMENT, WIDE ROTOR	1

70180S CHIPPER/SHREDDER ASSEMBLY



70970, WIDE RENTAL ROTOR W/RECT KNIVES ASSEMBLY

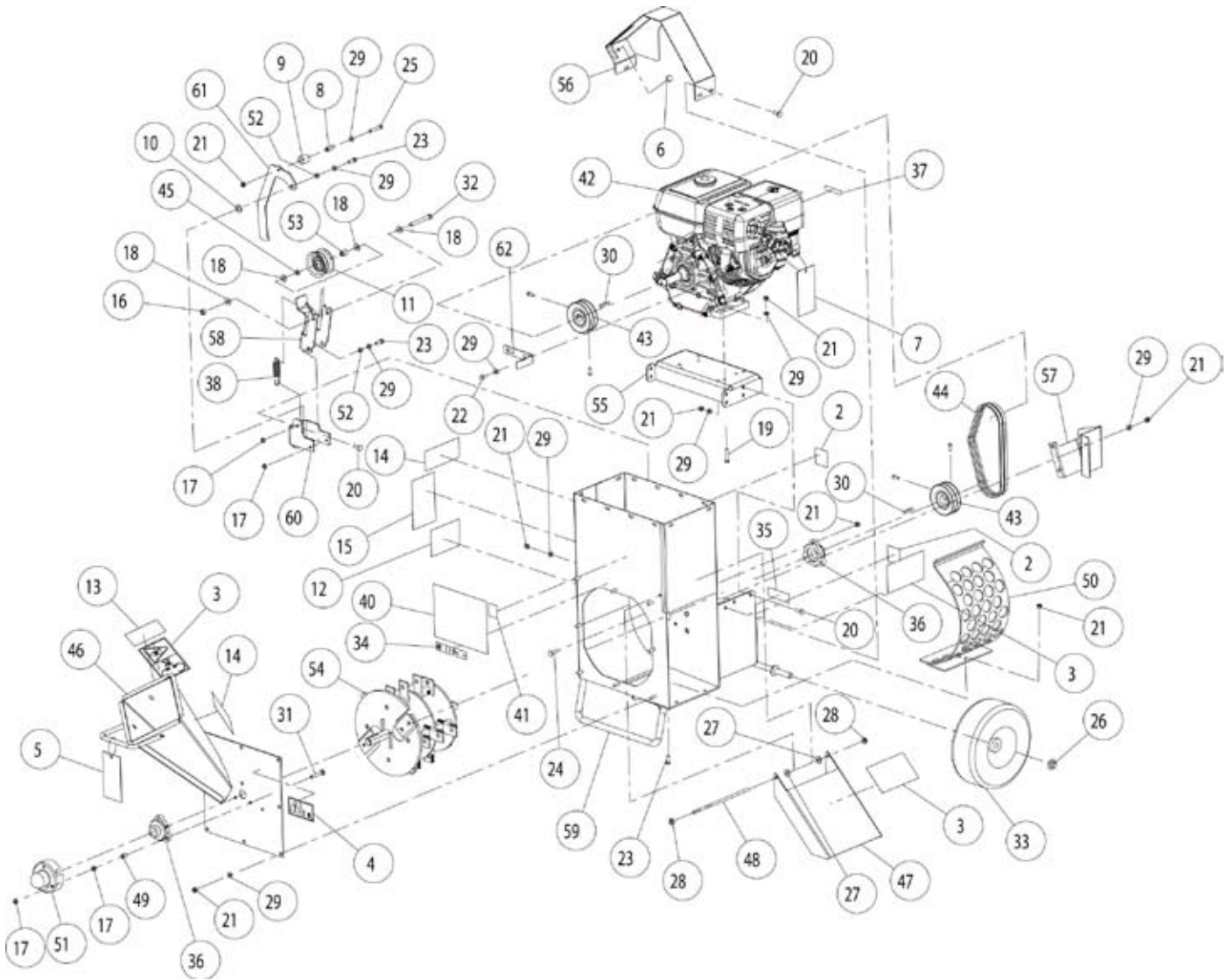


70180S CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	1
4	12250	DECAL, CHECK BOLTS	1
5	15047	NUT, 3/8" CENTERLOCK	1
6	15178	NUT, 5/16" CENTERLOCK	9
7	15250	WASHER, 5/16 FLAT	2
8	15282	BOLT, 5/16 X 1-1/2 HEX	4
9	15301	BOLT, 5/16 X 1 CRG	9
10	15356	NUT, 5/16 NYLOCK	30
11	15381	BOLT, 5/16 X 3/4 NF HEX	2
12	15396	BOLT, 5/16 X 7/8 HEX HD	4
13	15398	BOLT, 5/16 X 1-1/4 CRG	3
14	15403	BOLT, 5/16 X 1-3/4 HEX	1
15	15406	PUSHNUT, 5/8 IN	2
16	15416	WASHER, 5/16 SAE FLAT	30
17	15418	KEY, 1/4 X 1-1/2 SQ	2
18	15477	BOLT, 5/16 X 2" CRG	3
19	15501	BOLT, 3/8 NC X 3-1/4 GR5 HEX HD	1
20	16003	WHEEL ASSEMBLY, 410/350-4	2
21	16043	BELT, 29" C/S	1
22	16144	DECAL, MODEL 70180	1
23	16155	DECAL, SERIAL NUMBER	1
24	16234	BEARING, 1 IN. FLUSHMOUNT	2
25	16753	DECAL, CE	1
26	16889	DECAL, 8 HP INFO	1
27	17496	CAP, 1/4" PIPE	1
28	17497	PIPE, 1/4 X 4"	1
29	17692	SPRING, BLOWER DRIVE	1
31	17836	DECAL, BEARCAT PICTURE	1
32	17838	DECAL, MADE IN USA	1
33	17861	ENGINE, 8 HP INTEK IC	1

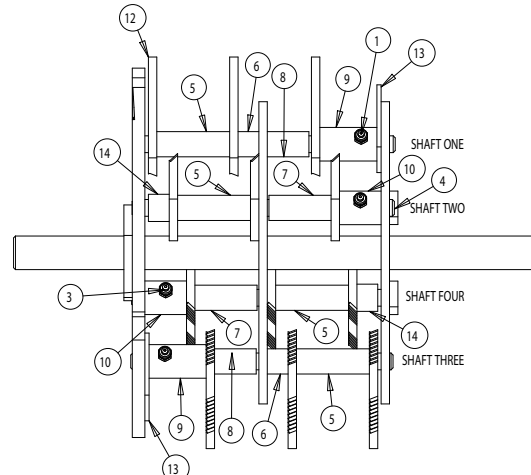
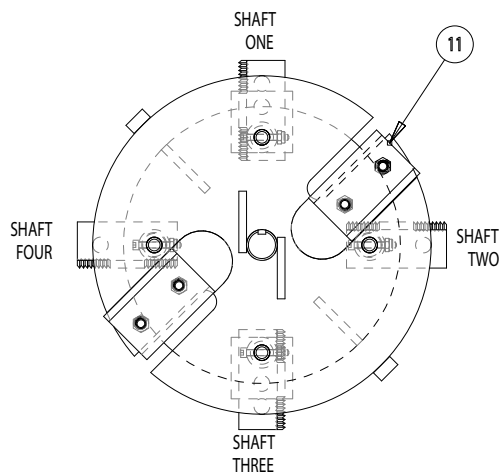
70180S CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
34	17958	PULLEY, (CAST)4.0 X 1.0 B-GROOVE	2
35	70285	SPACER, .54 X .50	3
36	70301	SCREEN, WLDWIDE CRS	1
37	70760	CAP, ROTOR SHAFT END	1
38	70970	ASSEMBLY, WIDE RENTAL ROTOR W/RECT KNIVES	1
39	71449	WELDMENT, 3 INCH EUROPEAN CHUTE	1
40	73063	SPACER, .50 X .25	3
41	13904-00	GROMMET, RUBBER	1
42	14119-00	TAG, FLUID NOTICE	1
43	14193-00	GUARD, MUFFLER	1
44	14343-00	DECAL, 112 DB	1
45	14635-00	SPACER, .50 X 1.00	1
46	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
47	14637-00	IDLER, 3.1" AB BELT	1
48	14640-00	WASHER, 1/2" NYLON	1
49	14703-00	DECAL, CLUTCH ENGAGEMENT	1
50	14942-00	DECAL, MULTILINGUAL MANUAL	2
51	14965-00	DECAL, PROTECTION	1
52	73760-00	SPACER, .63 X .75	2
53	74249-12	PLATE, ENGINE MOUNTING	1
54	74357-12	SHIELD, UPPER	1
55	74358-12	GUARD, LOWER BELT	1
56	74359-12	BRACKET, IDLER	1
57	74360-35	WELDMENT, WIDE FRAME	1
58	74361-12	MOUNT, IDLER BRACKET	1
59	74362-12	HANDLE, ENGAGEMENT	1
60	74374-12	GUIDE, BELT	1

70970, WIDE RENTAL ROTOR W/RECT. KNIVES ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	15397	NUT, #10 X 24 NYLOCK	4
2	15446	BOLT, 5/16 X 5/8 GR 8	4
3	15459	SCREW, 10-24 X 1-3/8 IN. SKT HD CAP	4
4	70064	SHAFT KNIFE, LONG	4
5	70533	SPACER, 0.75 X 2.170	4
6	70534	SPACER, .75 X .62	2
7	70535	SPACER, 0.75 X 1.850	2
8	70536	SPACER, 0.75 X 1.24	2
9	70537	SPACER, 1.0 X 1.70 WITH HOLE	2
10	70538	SPACER, 1.0 X 1.70 WITH HOLE	2
11	70739	BLADE, TWO EDGE CHIPPER	2
12	70856	SHREDDING KNIFE, RECTANGULAR	12
13	70967	KNIFE, ROTOR BALANCE	2
14	70968	SPACER, 0.81 X 0.62	2
15	72742	WELDMENT, WIDE ROTOR	1

70380 CHIPPER/SHREDDER ASSEMBLY



74209-00, BALANCED ROTOR ASSEMBLY

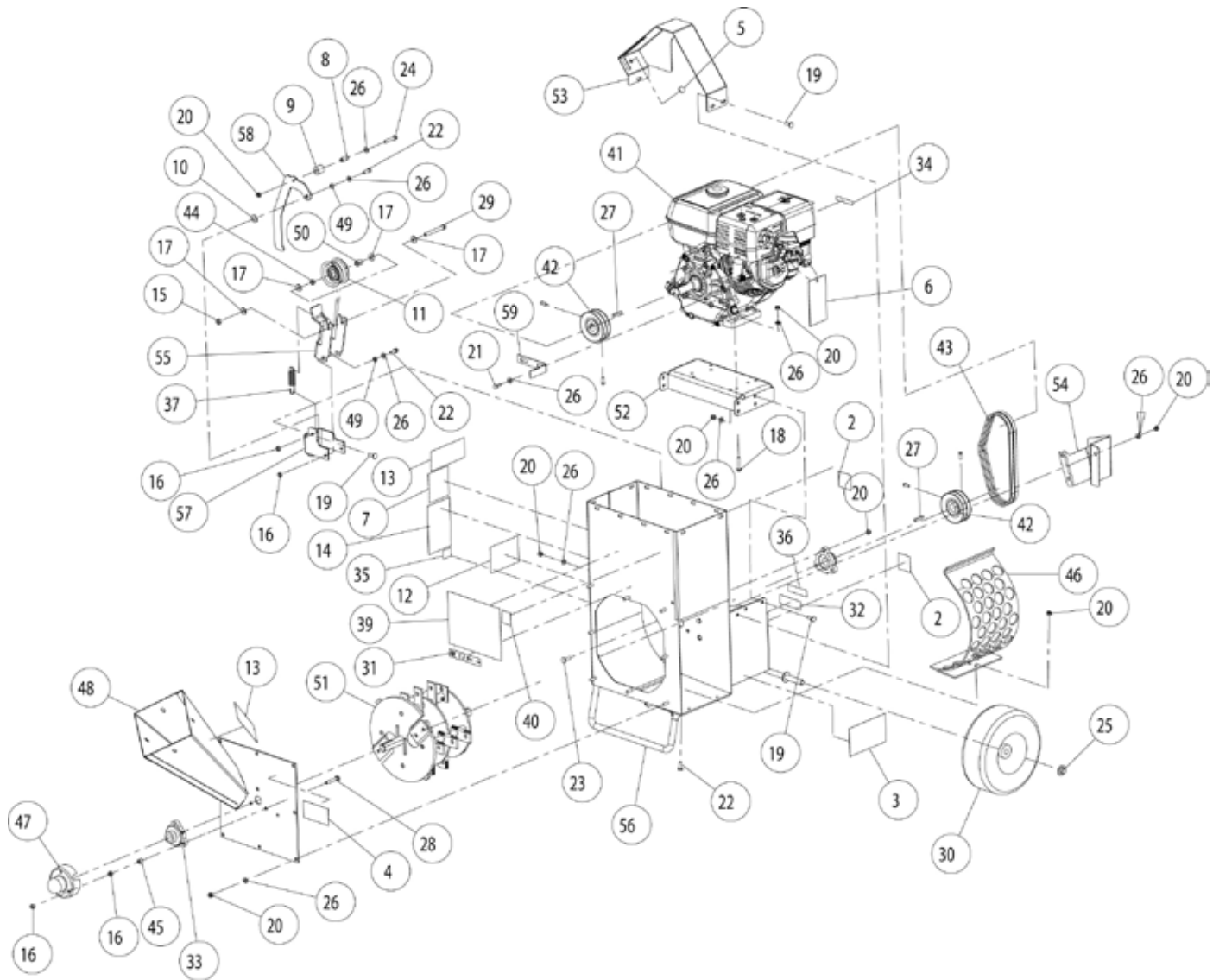


70380 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	3
4	12250	DECAL, CHECK BOLTS	1
5	12515	TAG, MIDSIZE C/S SALE	1
6	13904-00	GROMMET, RUBBER	1
7	14119-00	TAG, FLUID NOTICE	1
8	14635-00	SPACER, .50 X 1.00	1
9	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
10	14640-00	WASHER, 1/2" NYLON	1
11	14667-00	IDLER, 2.75 X 1.25	1
12	14703-00	DECAL, CLUTCH ENGAGEMENT	1
13	14938-00	DECAL, CHIPPER SIZE	1
14	14942-00	DECAL, MULTILINGUAL MANUAL	2
15	14965-00	DECAL, PROTECTION	1
16	15047	NUT, 3/8" CENTERLOCK	1
17	15178	NUT, 5/16" CENTERLOCK	9
18	15250	WASHER, 5/16 FLAT	4
19	15282	BOLT, 5/16 X 1-1/2 HEX	4
20	15301	BOLT, 5/16 X 1 CRG	9
21	15356	NUT, 5/16 NYLOCK	29
22	15381	BOLT, 5/16 X 3/4 NF HEX	2
23	15396	BOLT, 5/16 X 7/8 HEX HD	4
24	15398	BOLT, 5/16 X 1-1/4 CRG	3
25	15403	BOLT, 5/16 X 1-3/4 HEX	1
26	15406	PUSHNUT, 5/8 IN	2
27	15409	WASHER, 5/16 NYLON	2
28	15411	PUSHNUT, 5/8 IN	2
29	15416	WASHER, 5/16 SAE FLAT	28
30	15418	KEY, 1/4 X 1-1/2 SQ	2
31	15477	BOLT, 5/16 X 2" CRG	3
32	15501	BOLT, 3/8 NC X 3-1/4 GR5 HEX HD	1

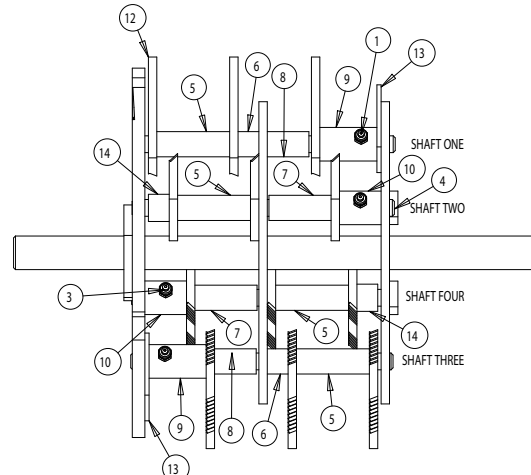
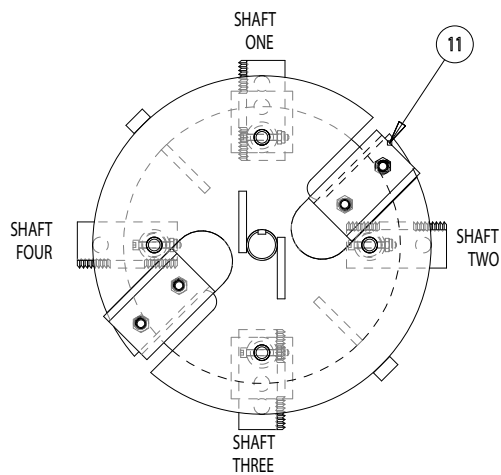
70380 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
33	16003	WHEEL ASSEMBLY, 410/350-4	2
34	16147	DECAL, MODEL 70380	1
35	16155	DECAL, SERIAL NUMBER	1
36	16234	BEARING, 1 IN. FLUSHMOUNT	2
37	16276	DECAL, THROTTLE	1
38	17692	SPRING, BLOWER DRIVE	1
40	17836	DECAL, BEARCAT PICTURE	1
41	17838	DECAL, MADE IN USA	1
42	17930	ENGINE, C/S HONDA 8 HP	1
43	17995	PULLEY, 4.0 X 1.0 DBL "A"	2
44	17996	BELT, 29.1 MATCHED SET	1
45	69239	SPACER, IDLER PIVOT	1
46	70023	WELDMENT, CHIPPER CHUTE	1
47	70067	DISCHARGE DOOR (8 HP)	1
48	70088	SHAFT, DOOR PIVOT	1
49	70285	SPACER, .54 X .50	3
50	70301	SCREEN, WLDWIDE CRS	1
51	70760	CAP, ROTOR SHAFT END	1
52	73063	SPACER, .50 X .25	3
53	73760-00	SPACER, .63 X .75	1
54	74209-00	ASSEMBLY, BALANCED ROTOR	1
55	74249-12	PLATE, ENGINE MOUNTING	1
56	74357-12	SHIELD, UPPER	1
57	74358-12	GUARD, LOWER BELT	1
58	74359-12	BRACKET, IDLER	1
59	74360-35	WELDMENT, WIDE FRAME	1
60	74361-12	MOUNT, IDLER BRACKET	1
61	74362-12	HANDLE, ENGAGEMENT	1
62	74374-12	GUIDE, BELT	1

74209-00 BALANCE ROTOR ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	15397	NUT, #10 X 24 NYLOCK	4
2	15446	BOLT, 5/16 X 5/8 GR 8	4
3	15459	SCREW, 10-24 X 1-3/8 IN. SKT HD CAP	4
4	70064	KNIFE SHAFT, LONG	4
5	70533	SPACER, 0.75 X 2.170	4
6	70534	SPACER, .75 X .62	2
7	70535	SPACER, 0.75 X 1.850	2
8	70536	SPACER, 0.75 X 1.24	2
9	70537	SPACER, 1.0 X 1.70 WITH HOLE	2
10	70538	SPACER, 1.00 X 1.240 WITH HOLE	2
11	70739	BLADE, TWO EDGE CHIPPER	2
12	70856	SHREDDING KNIFE, RECTANGULAR	12
13	70967	KNIFE, ROTOR BALANCE	2
14	70968	SPACER, 0.81 X 0.62	2
15	74208-00	WELDMENT, BALANCED RENTAL ROTOR	1

70380S CHIPPER/SHREDDER ASSEMBLY



74209-00, BALANCED ROTOR ASSEMBLY

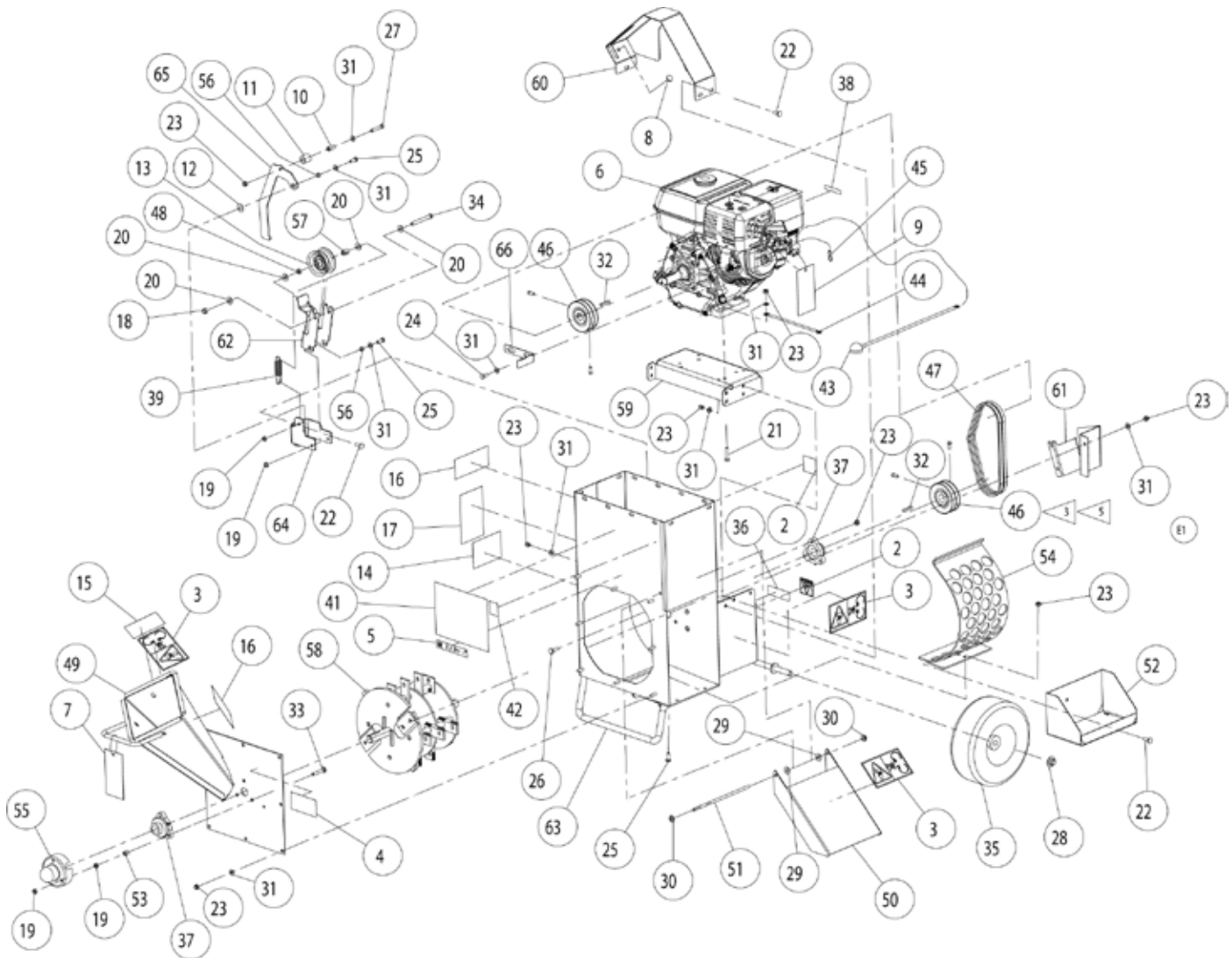


70380S CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	1
4	12250	DECAL, CHECK BOLTS	1
5	13904-00	GROMMET, RUBBER	1
6	14119-00	TAG, FLUID NOTICE	1
7	14342-00	DECAL, 111 DB	1
8	14635-00	SPACER, .50 X 1.00	1
9	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
10	14640-00	WASHER, 1/2" NYLON	1
11	14667-00	IDLER, 2.75 X 1.25	1
12	14703-00	DECAL, CLUTCH ENGAGEMENT	1
13	14942-00	DECAL, MULTILINGUAL MANUAL	2
14	14965-00	DECAL, PROTECTION	1
15	15047	NUT, 3/8" CENTERLOCK	1
16	15178	NUT, 5/16" CENTERLOCK	9
17	15250	WASHER, 5/16 FLAT	4
18	15282	BOLT, 5/16 X 1-1/2 HEX	4
19	15301	BOLT, 5/16 X 1 CRG	9
20	15356	NUT, 5/16 NYLOCK	29
21	15381	BOLT, 5/16 X 3/4 NF HEX	2
22	15396	BOLT, 5/16 X 7/8 HEX HD	4
23	15398	BOLT, 5/16 X 1-1/4 CRG	3
24	15403	BOLT, 5/16 X 1-3/4 HEX	1
25	15406	PUSHNUT, 5/8 IN	2
26	15416	WASHER, 5/16 SAE FLAT	28
27	15418	KEY, 1/4 X 1-1/2 SQ	2
28	15477	BOLT, 5/16 X 2" CRG	3
29	15501	BOLT, 3/8 NC X 3-1/4 GR5 HEX HD	1
30	16003	WHEEL ASSEMBLY, 410/350-4	2
31	16147	DECAL, MODEL 70380	1

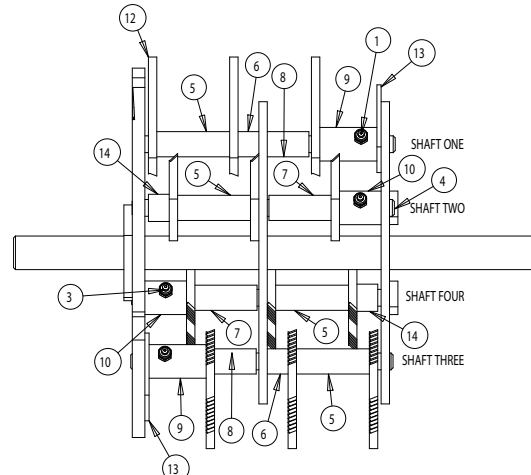
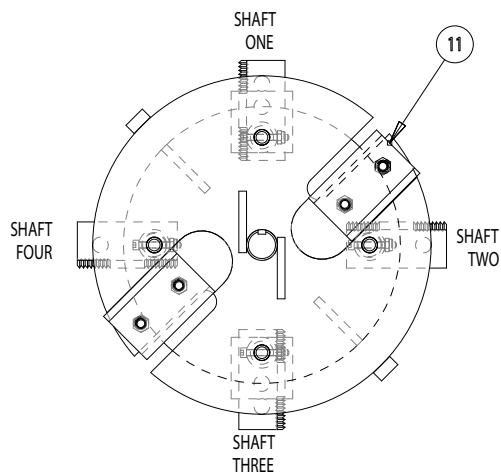
70380S CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
32	16155	DECAL, SERIAL NUMBER	1
33	16234	BEARING, 1 IN. FLUSHMOUNT	2
34	16276	DECAL, THROTTLE	1
35	16753	DECAL, CE	1
36	16889	DECAL, 8 HP INFO	1
37	17692	SPRING, BLOWER DRIVE	1
39	17836	DECAL, BEARCAT PICTURE	1
40	17838	DECAL, MADE IN USA	1
41	17930	ENGINE, C/S HONDA 8 HP	1
42	17995	PULLEY, 4.0 X 1.0 DBL "A"	2
43	17996	BELT, 29.1 MATCHED SET	1
44	69239	SPACER, IDLER PIVOT	1
45	70285	SPACER, .54 X .50	3
46	70301	SCREEN, WLDWIDE CRS	1
47	70760	CAP, ROTOR SHAFT END	1
48	71449	WELDMENT, 3 INCH EUROPEAN CHUTE	1
49	73063	SPACER, .50 X .25	3
50	73760-00	SPACER, .63 X .75	1
51	74209-00	ASSEMBLY, BALANCED ROTOR	1
52	74249-12	PLATE, ENGINE MOUNTING	1
53	74357-12	SHIELD, UPPER	1
54	74358-12	GUARD, LOWER BELT	1
55	74359-12	BRACKET, IDLER	1
56	74360-35	WELDMENT, WIDE FRAME	1
57	74361-12	MOUNT, IDLER BRACKET	1
58	74362-12	HANDLE, ENGAGEMENT	1
59	74374-12	GUIDE, BELT	1

74209-00 BALANCE ROTOR ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	15397	NUT, #10 X 24 NYLOCK	4
2	15446	BOLT, 5/16 X 5/8 GR 8	4
3	15459	SCREW, 10-24 X 1-3/8 IN. SKT HD CAP	4
4	70064	KNIFE SHAFT, LONG	4
5	70533	SPACER, 0.75 X 2.170	4
6	70534	SPACER, .75 X .62	2
7	70535	SPACER, 0.75 X 1.850	2
8	70536	SPACER, 0.75 X 1.24	2
9	70537	SPACER, 1.0 X 1.70 WITH HOLE	2
10	70538	SPACER, 1.00 X 1.240 WITH HOLE	2
11	70739	BLADE, TWO EDGE CHIPPER	2
12	70856	SHREDDING KNIFE, RECTANGULAR	12
13	70967	KNIFE, ROTOR BALANCE	2
14	70968	SPACER, 0.81 X 0.62	2
15	74208-00	WELDMENT, BALANCED RENTAL ROTOR	1

70385 CHIPPER/SHREDDER ASSEMBLY



74209-00, BALANCED ROTOR ASSEMBLY

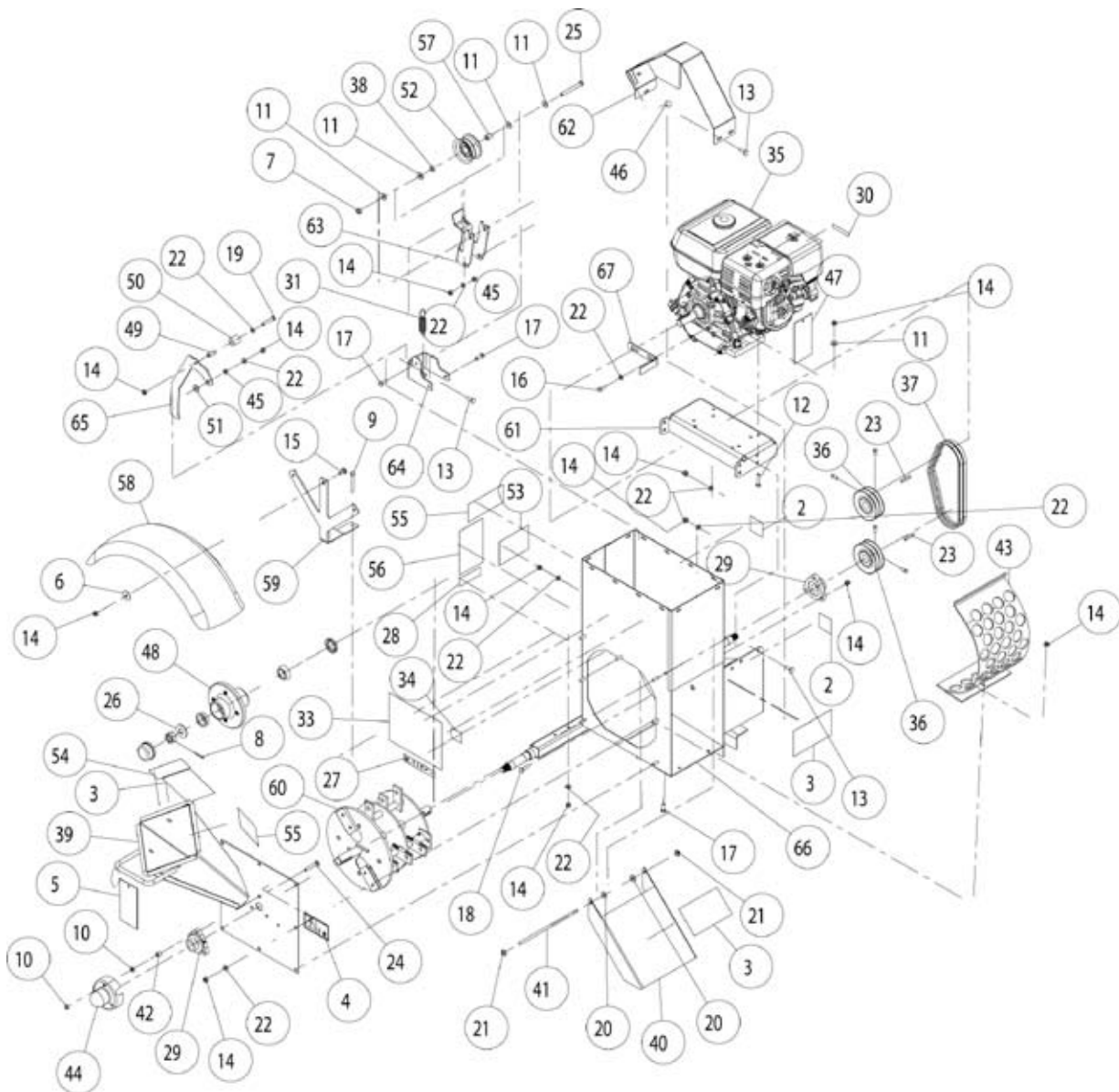


70385 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	3
4	12250	DECAL, CHECK BOLTS	1
5	12281	DECAL, MODEL 70385	1
6	12282	ENGINE, C/S HONDA 8 HP	1
7	12515	TAG, MIDSIZE C/S SALE	1
8	13904-00	GROMMET, RUBBER	1
9	14119-00	TAG, FLUID NOTICE	1
10	14635-00	SPACER, .50 X 1.00	1
11	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
12	14640-00	WASHER, 1/2" NYLON	1
13	14667-00	IDLER, 2.75 X 1.25	1
14	14703-00	DECAL, CLUTCH ENGAGEMENT	1
15	14938-00	DECAL, CHIPPER SIZE	1
16	14942-00	DECAL, MULTILINGUAL MANUAL	2
17	14965-00	DECAL, PROTECTION	1
18	15047	NUT, 3/8" CENTERLOCK	1
19	15178	NUT, 5/16" CENTERLOCK	4
20	15250	WASHER, 5/16 FLAT	4
21	15282	BOLT, 5/16 X 1-1/2 HEX	1
22	15301	BOLT, 5/16 X 1 CRG	3
23	15356	NUT, 5/16 NYLOCK	8
24	15381	BOLT, 5/16 X 3/4 NF HEX	1
25	15396	BOLT, 5/16 X 7/8 HEX HD	3
26	15398	BOLT, 5/16 X 1-1/4 CRG	1
27	15403	BOLT, 5/16 X 1-3/4 HEX	1
28	15406	PUSHNUT, 5/8 IN	1
29	15409	WASHER, 5/16 NYLON	2
30	15411	PUSHNUT, 5/8 IN	2
31	15416	WASHER, 5/16 SAE FLAT	9
32	15418	KEY, 1/4 X 1-1/2 SQ	2
33	15477	BOLT, 5/16 X 2" CRG	1
34	15501	BOLT, 3/8 NCX 3-1/4 GR5 HEX HD	1

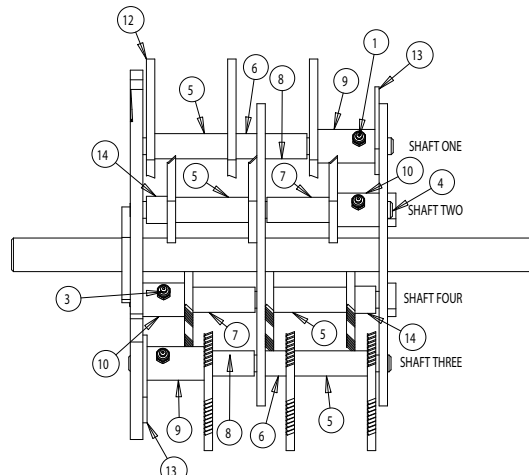
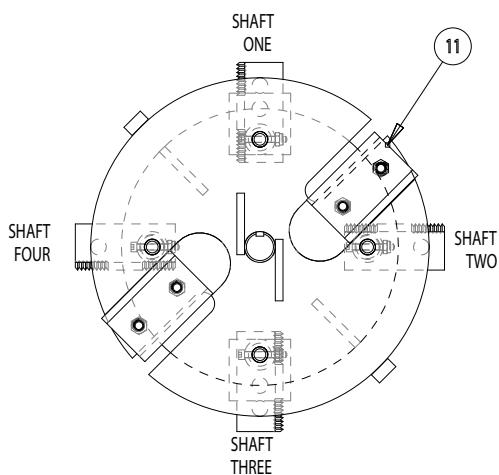
70385 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
35	16003	WHEEL ASSEMBLY, 410/350-4	1
36	16155	DECAL, SERIAL NUMBER	1
37	16234	BEARING, 1 IN. FLUSHMOUNT	2
38	16276	DECAL, THROTTLE	1
39	17692	SPRING, BLOWER DRIVE	1
41	17836	DECAL, BEARCAT PICTURE	1
42	17838	DECAL, MADE IN USA	1
43	17888	CABLE, POSITIVE BATTERY	1
44	17889	CABLE, NEGATIVE BATTERY	1
45	17890	TERMINAL, ELECTRICAL	1
46	17995	PULLEY, 4.0 X 1.0 DBL "A"	2
47	17996	BELT, 29.1 MATCHED SET	1
48	69239	SPACER, IDLER PIVOT	1
49	70023	WELDMENT, CHIPPER CHUTE	1
50	70067	DISCHARGE DOOR (8 HP)	1
51	70088	SHAFT, DOOR PIVOT	1
52	70141	WELDMENT, BATTERY BOX	1
53	70285	SPACER, .54 X .50	1
54	70301	SCREEN, WLDWIDE CRS	1
55	70760	CAP, ROTOR SHAFT END	1
56	73063	SPACER, .50 X .25	2
57	73760-00	SPACER, .63 X .75	1
58	74209-00	ASSEMBLY, BALANCED ROTOR	1
59	74249-12	PLATE, ENGINE MOUNTING	1
60	74357-12	SHIELD, UPPER	1
61	74358-12	GUARD, LOWER BELT	1
62	74359-12	BRACKET, IDLER	1
63	74360-35	WELDMENT, WIDE FRAME	1
64	74361-12	MOUNT, IDLER BRACKET	1
65	74362-12	HANDLE, ENGAGEMENT	1
66	74374-12	GUIDE, BELT	1

74209-00 BALANCE ROTOR ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	15397	NUT, #10 X 24 NYLOCK	4
2	15446	BOLT, 5/16 X 5/8 GR 8	4
3	15459	SCREW, 10-24 X 1-3/8 IN. SKT HD CAP	4
4	70064	KNIFE SHAFT, LONG	4
5	70533	SPACER, 0.75 X 2.170	4
6	70534	SPACER, .75 X .62	2
7	70535	SPACER, 0.75 X 1.850	2
8	70536	SPACER, 0.75 X 1.24	2
9	70537	SPACER, 1.0 X 1.70 WITH HOLE	2
10	70538	SPACER, 1.00 X 1.240 WITH HOLE	2
11	70739	BLADE, TWO EDGE CHIPPER	2
12	70856	SHREDDING KNIFE, RECTANGULAR	12
13	70967	KNIFE, ROTOR BALANCE	2
14	70968	SPACER, 0.81 X 0.62	2
15	74208-00	WELDMENT, BALANCED RENTAL ROTOR	1

70580 CHIPPER/SHREDDER ASSEMBLY

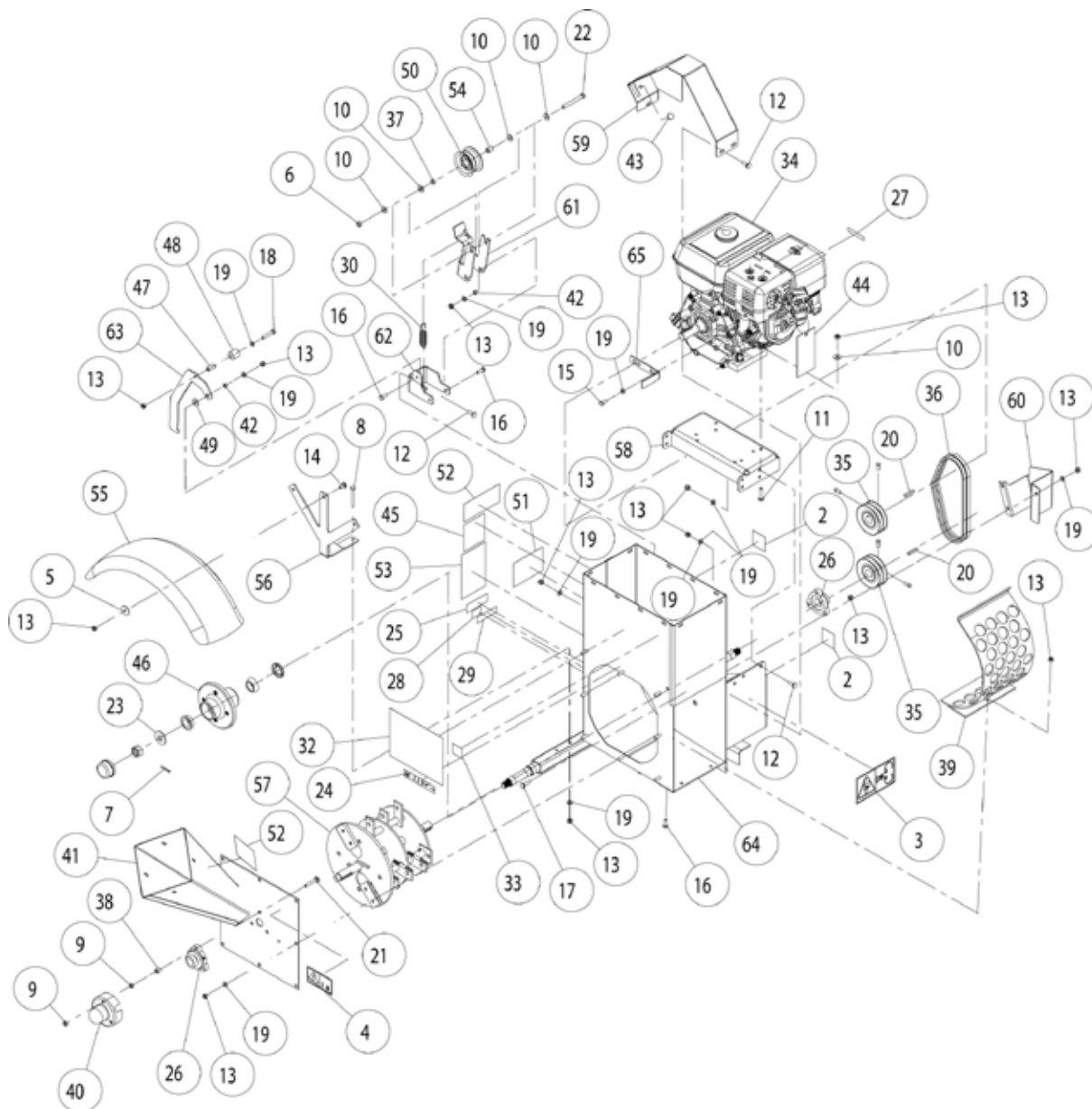


74209-00, BALANCED ROTOR ASSEMBLY

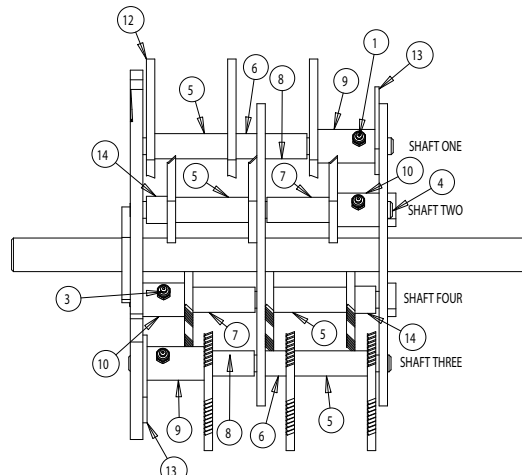
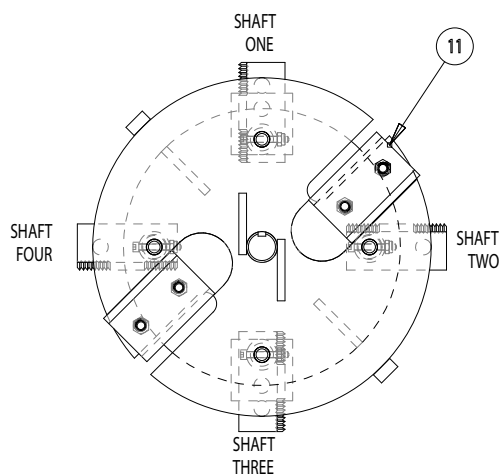


70580 CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	3
4	12250	DECAL, CHECK BOLTS	1
5	12515	TAG, MIDSIZE C/S SALE	1
6	15040	WASHER, 5/16 FENDER	6
7	15047	NUT, 3/8" CENTERLOCK	1
8	15068	PIN, 5/32 X 1-1/4 COTTER	2
9	15154	BOLT, 5/16 X 2-1/2 HEX	4
10	15178	NUT, 5/16" CENTERLOCK	6
11	15250	WASHER, 5/16 FLAT	8
12	15282	BOLT, 5/16 X 1-1/2 HEX	4
13	15301	BOLT, 5/16 X 1 CRG	9
14	15356	NUT, 5/16 NYLOCK	39
15	15367	BOLT, 5/16 X 3/4 CRG	6
16	15381	BOLT, 5/16 X 3/4 NF HEX	2
17	15396	BOLT, 5/16 X 7/8 HEX HD	4
18	15398	BOLT, 5/16 X 1-1/4 CRG	3
19	15403	BOLT, 5/16 X 1-3/4 HEX	1
20	15409	WASHER, 5/16 NYLON	2
21	15411	PUSHNUT, 5/8 IN	2
22	15416	WASHER, 5/16 SAE FLAT	27
23	15418	KEY, 1/4 X 1-1/2 SQ	2
24	15477	BOLT, 5/16 X 2" CRG	3
25	15501	BOLT, 3/8 NC X 3-1/4 GR5 HEX HD	1
26	15530	WASHER, SPACER	2
27	16154	MODEL DECAL, 8 HP TOWABLE C/S	1
28	16155	DECAL, SERIAL NUMBER	1
29	16234	BEARING, 1 IN. FLUSHMOUNT	2
30	16276	DECAL, THROTTLE	1
31	17692	SPRING, BLOWER DRIVE	1
33	17836	DECAL, BEARCAT PICTURE	1
34	17838	DECAL, MADE IN USA	1
35	17930	ENGINE, C/S HONDA 8 HP	1
36	17995	PULLEY, 4.0 X 1.0 DBL "A"	2
37	17996	BELT, 29.1 MATCHED SET	1
38	69239	SPACER, IDLER PIVOT	1
39	70023	WELDMENT, CHIPPER CHUTE	1
40	70067	DISCHARGE DOOR (8 HP)	1
41	70088	SHAFT, DOOR PIVOT	1
42	70285	SPACER, .54 X .50	3
43	70301	SCREEN, WLDWIDE CRS	1
44	70760	CAP, ROTOR SHAFT END	1
45	73063	SPACER, .50 X .25	3
46	13904-00	GROMMET, RUBBER	1
47	14119-00	TAG, FLUID NOTICE	1
48	14365-00	ASSEMBLY, HUB	2
49	14635-00	SPACER, .50 X 1.00	1
50	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
51	14640-00	WASHER, 1/2" NYLON	1
52	14667-00	IDLER, 2.75 X 1.25	1
53	14703-00	DECAL, CLUTCH ENGAGEMENT	1
54	14938-00	DECAL, CHIPPER SIZE	1
55	14942-00	DECAL, MULTILINGUAL MANUAL	2
56	14965-00	DECAL, PROTECTION	1
57	73760-00	SPACER, .63 X .75	1
58	73834-12	WELDMENT, FENDER	2
59	74186-12	BRACKET, FENDER	2
60	74209-00	ASSEMBLY, BALANCED ROTOR	1
61	74249-12	PLATE, ENGINE MOUNTING	1
62	74357-12	SHIELD, UPPER	1
63	74359-12	BRACKET, IDLER	1
64	74361-12	MOUNT, IDLER BRACKET	1
65	74362-12	HANDLE, ENGAGEMENT	1
66	74364-35	WELDMENT, WIDE FRAME	1
67	74374-12	GUIDE, BELT	1

70580S CHIPPER/SHREDDER ASSEMBLY

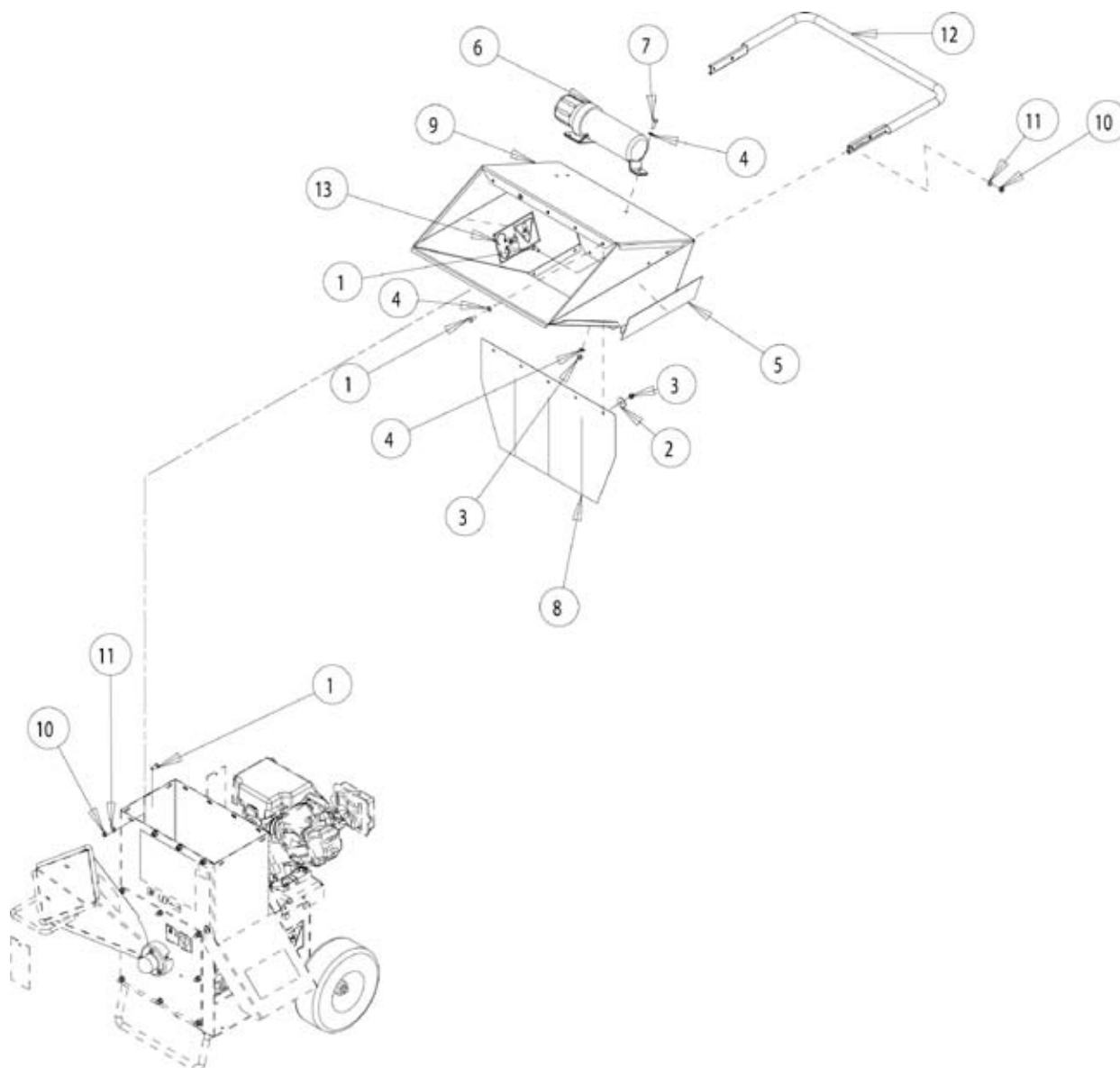


74209-00, BALANCED ROTOR ASSEMBLY



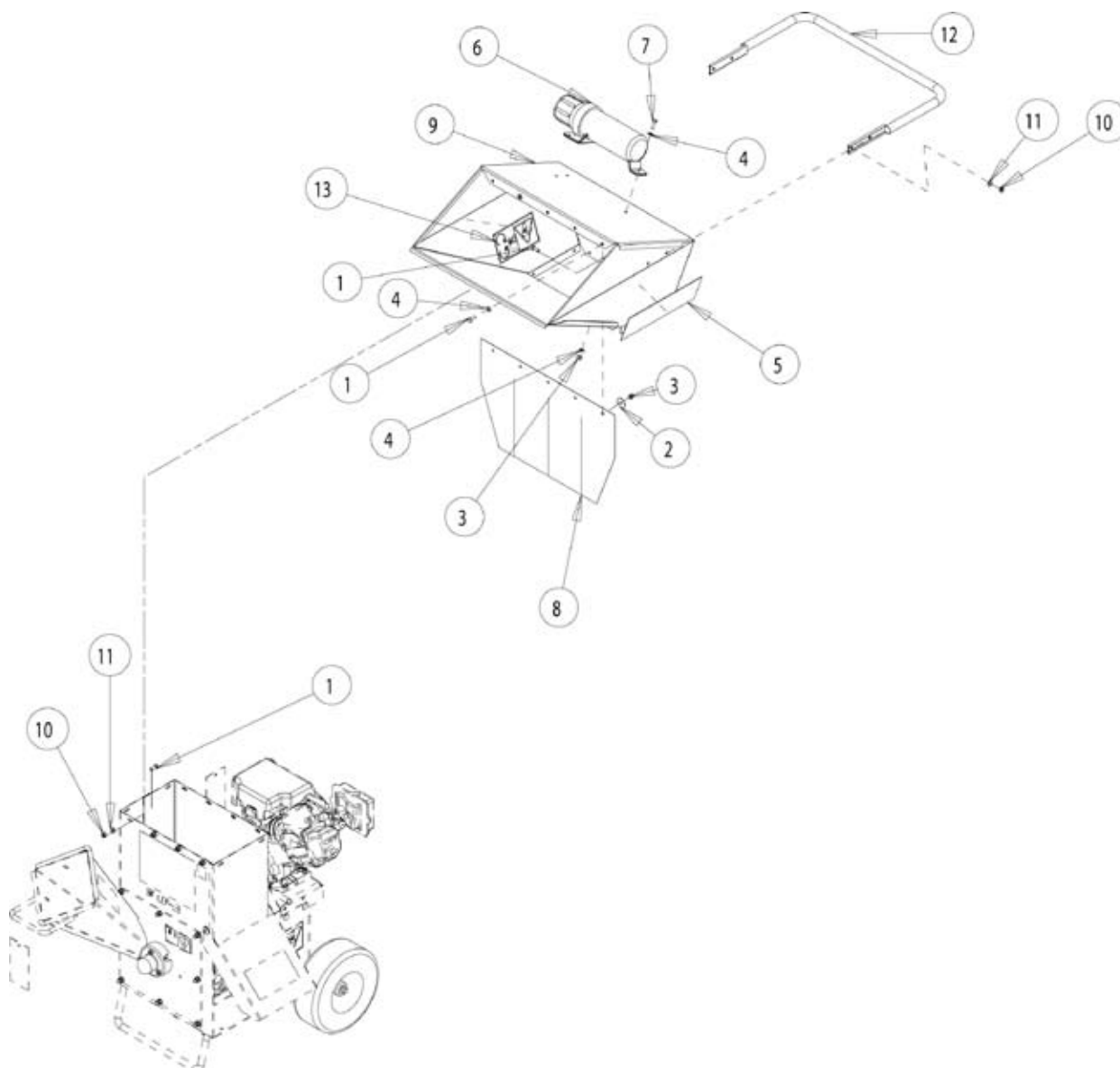
70580S CHIPPER/SHREDDER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	1
4	12250	DECAL, CHECK BOLTS	1
5	15040	WASHER, 5/16 FENDER	6
6	15047	NUT, 3/8" CENTERLOCK	1
7	15068	PIN, 5/32 X 1-1/4 COTTER	2
8	15154	BOLT, 5/16 X 2-1/2 HEX	4
9	15178	NUT, 5/16" CENTERLOCK	6
10	15250	WASHER, 5/16 FLAT	8
11	15282	BOLT, 5/16 X 1-1/2 HEX	4
12	15301	BOLT, 5/16 X 1 CRG	9
13	15356	NUT, 5/16 NYLOCK	42
14	15367	BOLT, 5/16 X 3/4 CRG	6
15	15381	BOLT, 5/16 X 3/4 NF HEX	2
16	15396	BOLT, 5/16 X 7/8 HEX HD	4
17	15398	BOLT, 5/16 X 1-1/4 CRG	3
18	15403	BOLT, 5/16 X 1-3/4 HEX	1
19	15416	WASHER, 5/16 SAE FLAT	30
20	15418	KEY, 1/4 X 1-1/2 SQ	2
21	15477	BOLT, 5/16 X 2" CRG	3
22	15501	BOLT, 3/8 NC X 3-1/4 GR5 HEX HD	1
23	15530	WASHER, SPACER	2
24	16154	MODEL DECAL, 8 HP TOWABLE C/S	1
25	16155	DECAL, SERIAL NUMBER	1
26	16234	BEARING, 1 IN. FLUSHMOUNT	2
27	16276	DECAL, THROTTLE	1
28	16753	DECAL, CE	1
29	16890	DECAL, 8 HP TOWABLE INFO	1
30	17692	SPRING, BLOWER DRIVE	1
32	17836	DECAL, BEARCAT PICTURE	1
33	17838	DECAL, MADE IN USA	1
34	17930	ENGINE, C/S HONDA 8 HP	1
35	17995	PULLEY, 4.0 X 1.0 DBL "A"	2
36	17996	BELT, 29.1 MATCHED SET	1
37	69239	SPACER, IDLER PIVOT	1
38	70285	SPACER, .54 X .50	3
39	70301	SCREEN, WLDWIDE CRS	1
40	70760	CAP, ROTOR SHAFT END	1
41	71449	WELDMENT, 3 INCH EUROPEAN CHUTE	1
42	73063	SPACER, .50 X .25	3
43	13904-00	GROMMET, RUBBER	1
44	14119-00	TAG, FLUID NOTICE	1
45	14342-00	DECAL, 111 DB	1
46	14365-00	ASSEMBLY, HUB	2
47	14635-00	SPACER, .50 X 1.00	1
48	14636-00	NYLON ROLLER, 0.5 X 1.00 X 1.00	1
49	14640-00	WASHER, 1/2" NYLON	1
50	14667-00	IDLER, 2.75 X 1.25	1
51	14703-00	DECAL, CLUTCH ENGAGEMENT	1
52	14942-00	DECAL, MULTILINGUAL MANUAL	2
53	14965-00	DECAL, PROTECTION	1
54	73760-00	SPACER, .63 X .75	1
55	73834-12	WELDMENT, FENDER	2
56	74186-12	BRACKET, FENDER	2
57	74209-00	ASSEMBLY, BALANCED ROTOR	1
58	74249-12	PLATE, ENGINE MOUNTING	1
59	74357-12	SHIELD, UPPER	1
60	74358-12	GUARD, LOWER BELT	1
61	74359-12	BRACKET, IDLER	1
62	74361-12	MOUNT, IDLER BRACKET	1
63	74362-12	HANDLE, ENGAGEMENT	1
64	74364-35	WELDMENT, WIDE FRAME	1
65	74374-12	GUIDE, BELT	1

HOPPER ASSEMBLY
MODEL 70050



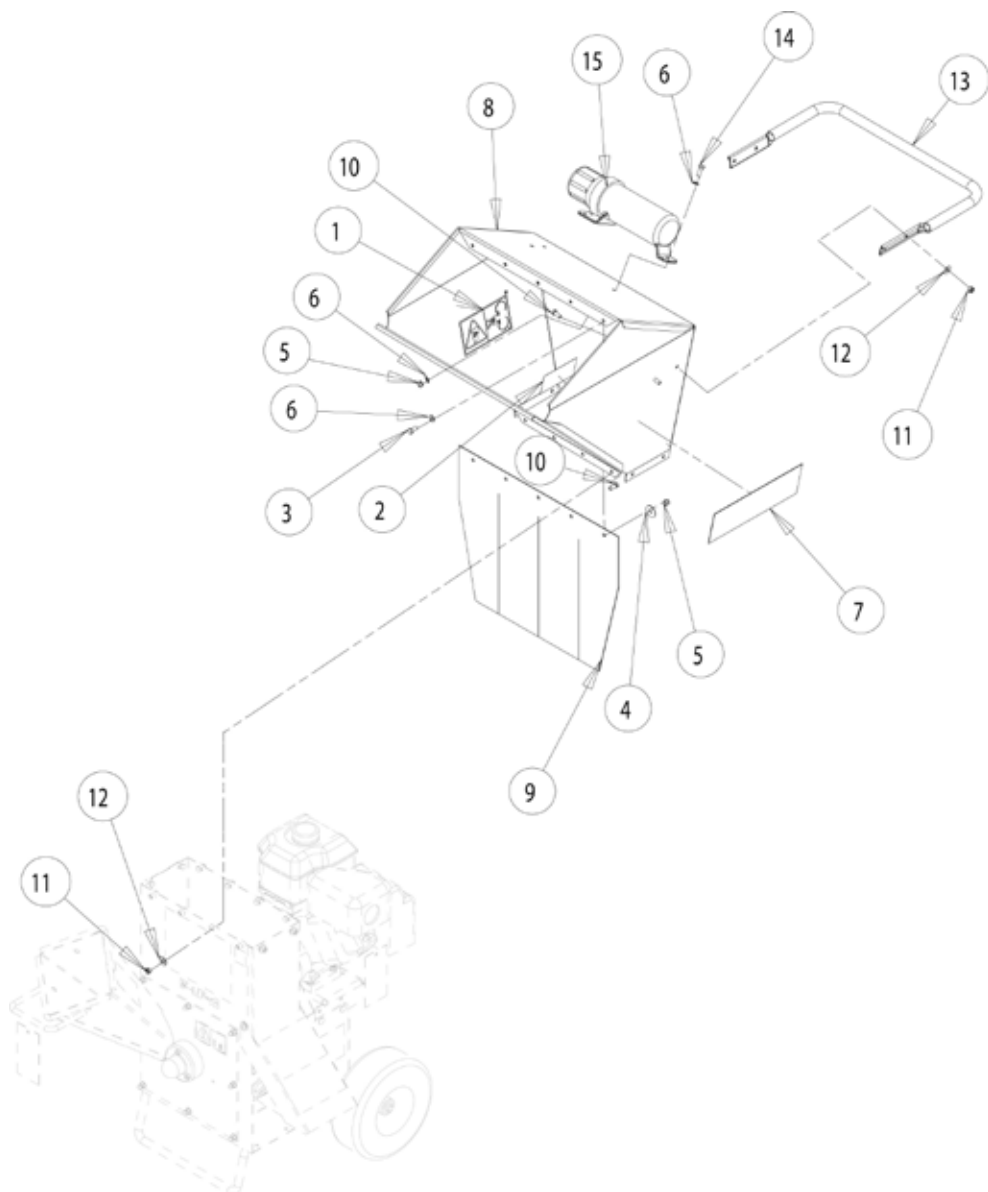
70050, HOPPER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	15003	BOLT, 5/16" X 3/4" GR5 HEX CAPSCREW ZP	9
2	15040	WASHER, 5/16" FENDER ZP	5
3	15356	NUT, 5/16" NE NYLOCK ZP	8
4	15416	WASHER, 5/16" SAE FLAT ZP	11
5	17835	DECAL, BEARCAT LARGE	2
6	18008-00	MANUAL CONTAINER	1
7	15396	BOLT, 5/16" X 7/8" HEX HD	1
8	70980	RENTAL HOPPER BELTING	1
9	71783-35	NARROW RENTAL HOPPER WELDMENT	1
10	15356	NUT, 5/16" NE NYLOCK ZP	4
11	15416	WASHER, 5/16" SAE FLAT ZP	4
12	71717	RENTAL HOPPER HANDLE	1
13	12175	DECAL, INLET AND DISCHARGE	1

HOPPER ASSEMBLY
MODELS 70080, 70085, 70180, 70380, 70385, 70580



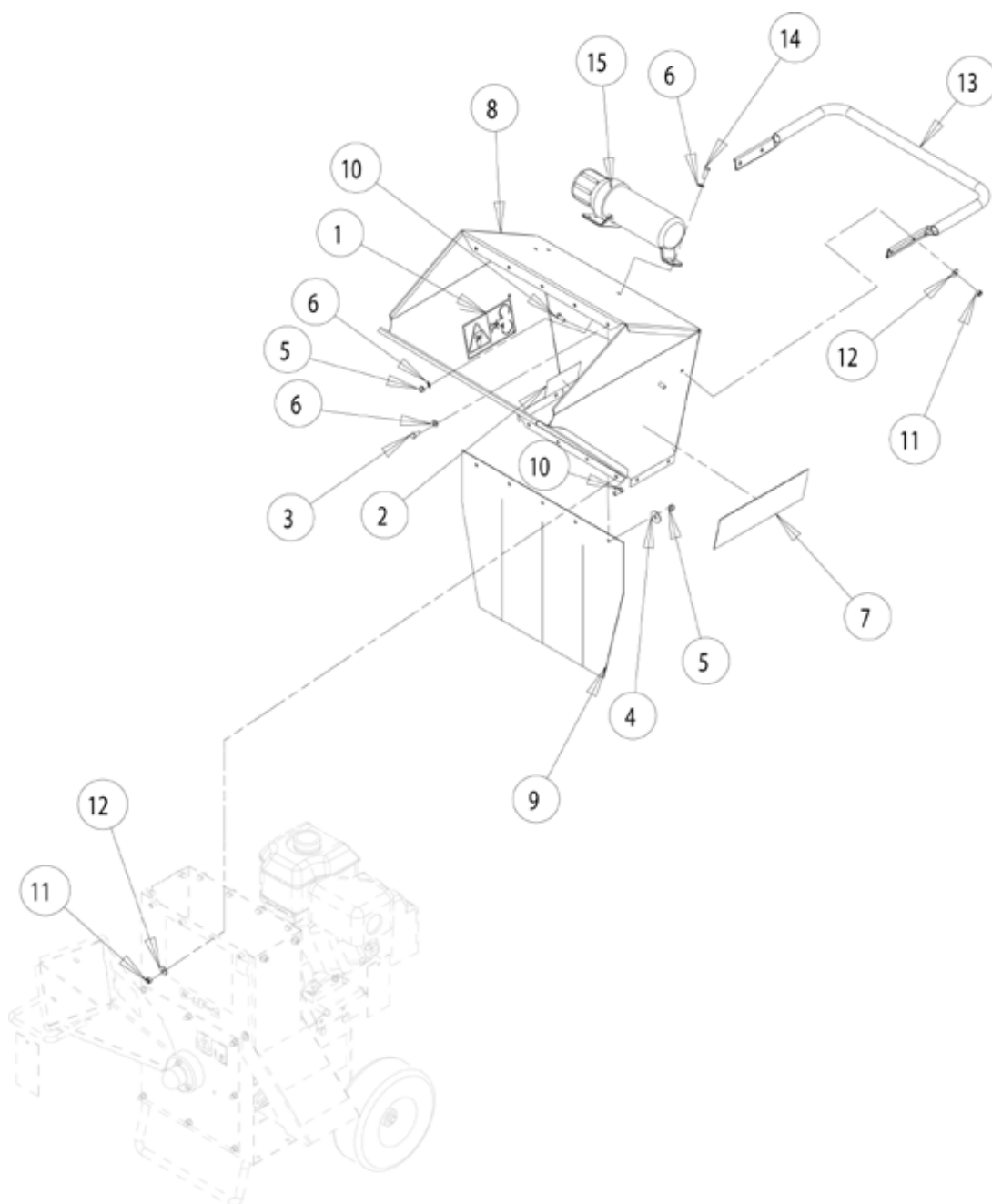
70080, 70085, 70180, 70380, 70385, 70580 HOPPER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	15003	BOLT, 5/16" X 3/4" GR5 HEX CAPSCREW ZP	9
2	15040	WASHER, 5/16" FENDER ZP	5
3	15356	NUT, 5/16" NE NYLOCK ZP	8
4	15416	WASHER, 5/16" SAE FLAT ZP	11
5	17835	DECAL, BEARCAT LARGE	2
6	18008-00	MANUAL CONTAINER	1
7	15396	BOLT, 5/16" X 7/8" HEX HD	1
8	70980	RENTAL HOPPER BELTING	1
9	70954-35	WIDE RENTAL HOPPER WELDMENT	1
10	15356	NUT, 5/16" NE NYLOCK ZP	4
11	15416	WASHER, 5/16" SAE FLAT ZP	4
12	71717	RENTAL HOPPER HANDLE	1
13	12175	DECAL, INLET AND DISCHARGE	1

HOPPER ASSEMBLY
MODEL 70050S



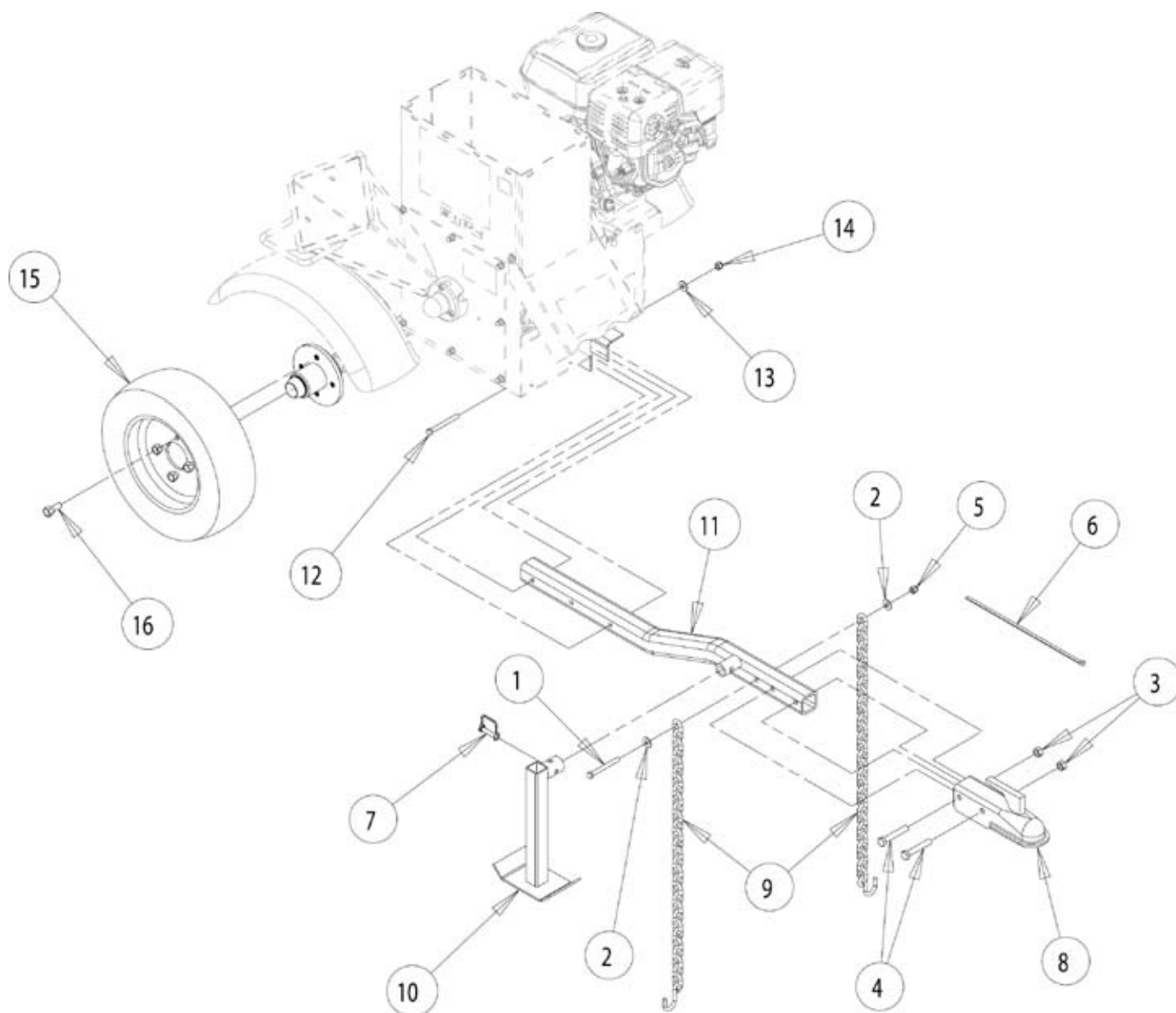
70050S HOPPER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	12175	DECAL, INLET AND DISCHARGE	1
2	12176	DECAL, SHREDDER SIZE	1
3	15003	BOLT, 5/16" X 3/4" GR5 HEX CAPSCREW ZP	5
4	15040	WASHER, 5/16" FENDER ZP	5
5	15356	NUT, 5/16" NE NYLOCK ZP	5
6	15416	WASHER, 5/16" SAE FLAT ZP	11
7	17835	DECAL, BEACAT LARGE	2
8	71475-35	WIDE HOPPER WELDMENT	1
9	71482	EURO HOPPER BELTING	1
10	15003	BOLT, 5/16" X 3/4" GR5 HEX CAPSCREW ZP	16
11	15356	NUT, 5/16" NE NYLOCK ZP	16
12	15419	WASHER, 5/16" SAE FLAT ZP	16
13	71718	EURO HOPPER HANDLE	1
14	15395	BOLT, 5/16" X 7/8" HEX HD	3
15	18008-00	MANUAL CONTAINER	1

HOPPER ASSEMBLY
MODELS 70080S, 70185S, 70380S, 70580S



70080S, 70185S, 70380S, 70580S HOPPER ASSEMBLY			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	12175	DECAL, INLET AND DISCHARGE	1
2	12176	DECAL, SHREDDER SIZE	1
3	15003	BOLT, 5/16" X 3/4" GR5 HEX CAPSCREW ZP	5
4	15040	WASHER, 5/16" FENDER ZP	5
5	15356	NUT, 5/16" NE NYLOCK ZP	5
6	15416	WASHER, 5/16" SAE FLAT ZP	11
7	17835	DECAL, BEACAT LARGE	2
8	71643-35	WIDE HOPPER WELDMENT	1
9	71482	EURO HOPPER BELTING	1
10	15003	BOLT, 5/16" X 3/4" GR5 HEX CAPSCREW ZP	16
11	15356	NUT, 5/16" NE NYLOCK ZP	16
12	15419	WASHER, 5/16" SAE FLAT ZP	16
13	71718	EURO HOPPER HANDLE	1
14	15395	BOLT, 5/16" X 7/8" HEX HD	3
15	18008-00	MANUAL CONTAINER	1

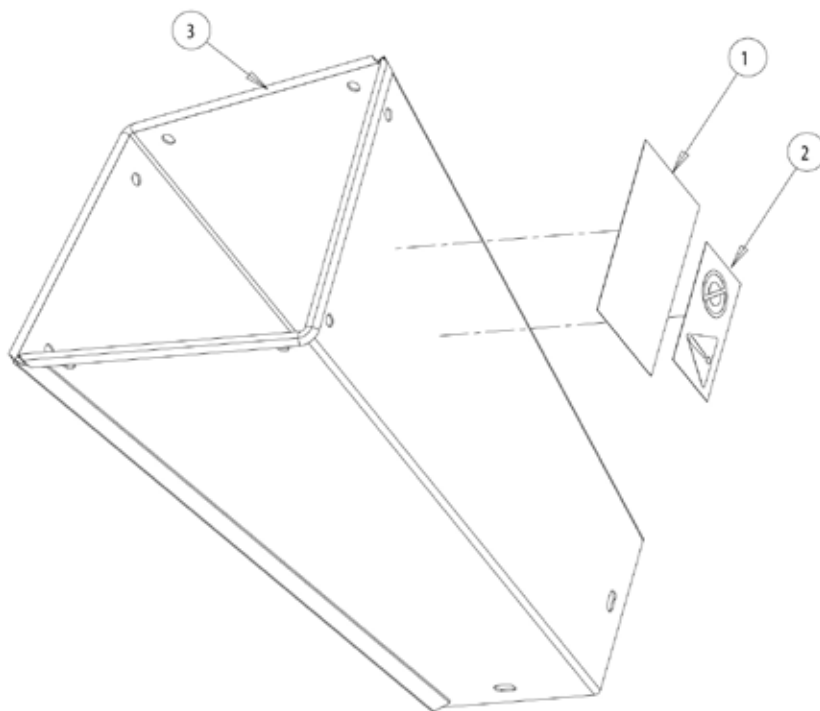
HITCH ASSEMBLY



CHIPPER SHREDDER HITCH 8 HP (71876)			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	15010	BOLT, 3/8" X 3-1/2" GR5 ZP HEX HEAD	1
2	15031	WASHER, 3/8" FLAT ZP	2
3	15049	NUT, 1/2" CENTERLOCK GRB ZP	2
4	15086	BOLT, 1/2" X 3" GR5 ZP HEX HEAD	2
5	15388	NUT, 3/8" NE NYLOCK ZP	1
6	16865	TIE, HEAVY NYLON CABLE	1
7	17879	PIN, SNAP 3/8" X 1-1/2" USABLE LGH	1
8	17988	COUPLER, TRAILER HITCH W/HANDLE	1
9	17994	ASSY, SAFETY CHAIN W/HOOK	2
10	70372	WELDMENT, HITCH JACK	1
11	70894	WELDMENT, C/S HITCH POLE	1

TOWABLE ASSEMBLY PARTS (MODEL 70580 ONLY)			
ITEM	PART NUMBER	DESCRIPTION	QTY
12	15010	BOLT, 3/8" X 3-1/2" GR5 HHCS ZP (LOCATED IN OWNERS KIT)	2
13	15031	WASHER, 3/8" FLAT ZP (LOCATED IN OWNERS KIT)	2
14	15388	NUT, 3/8" NE NYLOCK ZP (LOCATED IN OWNERS KIT)	2
15	16008	TIRE AND WHEEL ASSEMBLY 4.80 - 8	2
16	16264	BOLT, WHEEL .500-20 UNF X 1.437	8

**CHIPPER CHUTE EXTENSION
MODELS 70080S, 70185S, 70380S, 70580S**



70080S, 70185S, 70380S, 70580S CHIPPER CHUTE EXTENSION			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	12175	DECAL, INLET AND DISCHARGE	1
2	14938-00	DECAL, CHIPPER SIZE	1
3	70684-35	WELDMENT, CHUTE EXTENSION	1

70050, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
2	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
3	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	16
4	15250	WASHER, 5/16" FLAT ZP	16
5	15356	NUT, 5/16" NE NYLOCK ZP	16
6	16751	GLASSES, BEARCAT CLEAR SAFETY	1
7	16752	EARPLUGS, ORANGE FOAM	1
8	17630	BEARCAT REGISTRATION CARD	1
9	17840	5 HP ENGINE OWNERS MANUAL	1
70050S, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
2	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
3	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	22
4	15250	WASHER, 5/16" FLAT ZP	22
5	15356	NUT, 5/16" NE NYLOCK ZP	23
6	15407	BOLT, 5/16" 7-1/2" GR5 HHCS NC ZP	1
7	16751	GLASSES, BEARCAT CLEAR SAFETY	1
8	16752	EARPLUGS, ORANGE FOAM	1
9	17630	BEARCAT REGISTRATION CARD	1
10	17840	5 HP ENGINE OWNERS MANUAL	1
11	74177-00	CERT, 70050S COMPLIANCE	1
70080, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
2	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
3	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	16
4	15250	WASHER, 5/16" FLAT ZP	16
5	15356	NUT, 5/16" NE NYLOCK ZP	16
6	16751	GLASSES, BEARCAT CLEAR SAFETY	1
7	16752	EARPLUGS, ORANGE FOAM	1
8	17630	BEARCAT REGISTRATION CARD	1
9	17841	ENGINE OWNERS MANUAL 8HP	1
70080S, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
2	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
3	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	22
4	15250	WASHER, 5/16" FLAT ZP	22
5	15356	NUT, 5/16" NE NYLOCK ZP	23
6	15408	BOLT, 5/16" X 10" HHCS NC GR5 ZP	1
7	16751	GLASSES, BEARCAT CLEAR SAFETY	1
8	16752	EARPLUGS, ORANGE FOAM	1
9	17630	BEARCAT REGISTRATION CARD	1
10	17841	ENGINE OWNERS MANUAL 8HP	1
11	74173-00	CERT, 70080S AND 70180S COMPLIANCE	1
70085, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
2	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
3	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	18
4	15250	WASHER, 5/16" FLAT ZP	20
5	15356	NUT, 5/16" NE NYLOCK ZP	20
6	15419	BOLT, 5/16" X8-3/4" L-TYP BATTERY	2
7	16751	GLASSES, BEARCAT CLEAR SAFETY	1
8	16752	EARPLUGS, ORANGE FOAM	1
9	17630	BEARCAT REGISTRATION CARD	1
10	17841	ENGINE OWNERS MANUAL 8HP	1
11	17891	INSERT, ELECTRIC START MANUAL	1
12	70144	ANGLE, BATTERY HOLD DOWN	1
70180, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14745-00	MANUAL, 8HP BRIGGS INTEK PRO	1
2	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
3	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
4	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	16
5	15250	WASHER, 5/16" FLAT ZP	16
6	15356	NUT, 5/16" NE NYLOCK ZP	16
7	16751	GLASSES, BEARCAT CLEAR SAFETY	1
8	16752	EARPLUGS, ORANGE FOAM	1
9	17630	BEARCAT REGISTRATION CARD	1

70180S, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14745-00	MANUAL, 8HP BRIGGS INTEK PRO	1
2	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
3	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
4	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	22
5	15250	WASHER, 5/16" FLAT ZP	22
6	15356	NUT, 5/16" NE NYLOCK ZP	23
7	15408	BOLT, 5/16" X 10" HHCS NC GR5 ZP	1
8	16751	GLASSES, BEARCAT CLEAR SAFETY	1
9	16752	EARPLUGS, ORANGE FOAM	1
10	17630	BEARCAT REGISTRATION CARD	1
11	74173-00	CERT, 70080S AND 70180S COMPLIANCE	1
70380, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
2	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
3	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	16
4	15250	WASHER, 5/16" FLAT ZP	16
5	15356	NUT, 5/16" NE NYLOCK ZP	16
6	16751	GLASSES, BEARCAT CLEAR SAFETY	1
7	16752	EARPLUGS, ORANGE FOAM	1
8	17630	BEARCAT REGISTRATION CARD	1
9	17790	HONDA ENGINE MANUAL 8HP	1
10	70783	SHEET, OPERATOR'S TIPS	1
70380S, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
2	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
3	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	22
4	15250	WASHER, 5/16" FLAT ZP	22
5	15356	NUT, 5/16" NE NYLOCK ZP	23
6	15408	BOLT, 5/16" X 10" HHCS NC GR5 ZP	1
7	16751	GLASSES, BEARCAT CLEAR SAFETY	1
8	16752	EARPLUGS, ORANGE FOAM	1
9	17630	BEARCAT REGISTRATION CARD	1
10	17790	HONDA ENGINE MANUAL 8HP	1
11	70783	SHEET, OPERATOR'S TIPS	1
12	74172-00	CERT, 70380S AND 70580S COMPLIANCE	1
70385, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
2	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
3	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	18
4	15250	WASHER, 5/16" FLAT ZP	20
5	15356	NUT, 5/16" NE NYLOCK ZP	20
6	15419	BOLT, 5/16" X8-3/4" L-TYP BATTERY	2
7	16751	GLASSES, BEARCAT CLEAR SAFETY	1
8	16752	EARPLUGS, ORANGE FOAM	1
9	17630	BEARCAT REGISTRATION CARD	1
10	70144	ANGLE, BATTERY HOLD DOWN	1
11	70783	SHEET, OPERATOR'S TIPS	1
70580S, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
2	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
3	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	18
4	15010	BOLT, 3/8 X 3-1/2" HEXHD GR5 ZP	2
5	15031	WASHER, 3/8" FLAT ZP (67PCS/LB)	2
6	15250	WASHER, 5/16" FLAT ZP	18
7	15356	NUT, 5/16" NE NYLOCK ZP	19
8	15388	NUT, 3/8" NE NYLOCK ZP	2
9	15408	BOLT, 5/16" X 10" HHCS NC GR5 ZP	1
10	16264	BOLT, WHL 1/2-20UNF X 1.437	8
11	16751	GLASSES, BEARCAT CLEAR SAFETY	1
12	16752	EARPLUGS, ORANGE FOAM	1
13	17630	BEARCAT REGISTRATION CARD	1
14	17790	HONDA ENGINE MANUAL 8HP	1
15	70783	SHEET, OPERATOR'S TIPS	1
16	74172-00	CERT, 70380S AND 70580S COMPLIANCE	1
70580, OWNERS KIT			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14846-00	MANUAL, DOMESTIC / SAXON OWNERS	1
2	14849-00	MANUAL, DOMESTIC / SAXON PARTS	1
3	15003	BOLT, 5/16" 3/4 GR5 HEX HD ZP	12
4	15010	BOLT, 3/8 X 3-1/2" HEXHD GR5 ZP	2
5	15031	WASHER, 3/8" FLAT ZP (67PCS/LB)	2
6	15250	WASHER, 5/16" FLAT ZP	12
7	15356	NUT, 5/16" NE NYLOCK ZP	12
8	15388	NUT, 3/8" NE NYLOCK ZP	2
9	16264	BOLT, WHL 1/2-20UNF X 1.437	8
10	16751	GLASSES, BEARCAT CLEAR SAFETY	1
11	16752	EARPLUGS, ORANGE FOAM	1
12	17630	BEARCAT REGISTRATION CARD	1
13	17790	HONDA ENGINE MANUAL 8HP	1
14	70783	SHEET, OPERATOR'S TIPS	1

3" CHIPPER/SHREDDER

SERVICE PARTS			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	16043	BELT, 29" C/S	1
2	17996	BELTS HAH29.1 EL MATCHED SET	1
3	70205	KIT, TOOL STEEL CHIPPER BLADE SINGLE EDGED	1
4	70738	KIT, TOOL STEEL BLADE DOUBLE EDGED	1
5	70973	KIT, WIDE SHREDDER	1
6	71381	KIT, NARROW SHRED-RECT KNIVES	1
7	74209-00	ASSEMBLY, BALANCED RENTAL ROTOR	1

NOTE: IF YOUR MACHINE HAS SINGLE EDGED BLADES, YOU CAN ONLY USE SINGLE EDGED REPLACEMENT BLADES.

ENGINE MAINTENANCE PARTS 5.5 HP BRIGGS, 8 HP BRIGGS, 8 HP PRO SERIES			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14746-00	PRE AIR FILTER, B&S P/N 493537 OR 5064	1
2	14747-00	SPARK PLUG B&S P/N 491055 OR 5066 CHAMPION PN RC12YC	1
3	17870	AIR FILTER, B&S P/N 491588-OR-5043	1

ENGINE MAINTENANCE PARTS 8 HP HONDA			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	14750-00	PRE FILTER HONDA P/N 17218-ZE2-505	1
2	14751-00	AIR FILTER* HONDA P/N 17210-ZE2-515	1
3	16114	SPARK PLUG HONDA P/N 98079-56846, NGK BPR6ES	1

*** AIR FILTER (17210-ZE2-515) COMES WITH PRE FILTER (17218-ZE2-505)**

ACCESSORIES		
DESCRIPTION	PART # 5 HP MODEL	PART # 8 HP MODEL
FINE DISCHARGE SCREEN (3/8" DIAMETER HOLES)	70312	70303
MEDIUM DISCHARGE SCREEN (3/4" DIAMETER HOLES)	70314	70305
COURSE DISCHARGE SCREEN (1-1/2" DIAMETER HOLES)	70310	70301
WET DEBRIS SCREEN	70492	70494
TOW HITCH (FOR TOWING BEHIND LAWN OR GARDEN TRACTOR, NOT FOR ROAD USE)	70098	70098
COLLECTION BAG	17854	17854
LEAF TAMPER	70089	70089
WHEELED TOW HITCH	71113	71113

SAFETY DECALS			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	12171	DECAL, SMALL KNIFE	1
2	12174	DECAL, SHIELD DANGER	2
3	12175	DECAL, INLET AND DISCHARGE	4
4	12176	DECAL, SHREDDER SIZE	1
5	12250	DECAL, CHECK BOLTS	1
6	14703-00	DECAL, CLUTCH ENGAGEMENT	1
7	14938-00	DECAL, CHIPPER SIZE	1
8	14942-00	DECAL, MULTILINGUAL MANUAL	2
9	14965-00	DECAL, PROTECTION	1

Crary Bear Cat

237 NW 12th Street, West Fargo, ND 58078-0849

Phone: 701.282.5520 • **Toll Free:** 800.247.7335

Fax: 701.282.9522 •

E-mail: service@crary.com • opesales@crary.com

www.BearCatProducts.com

