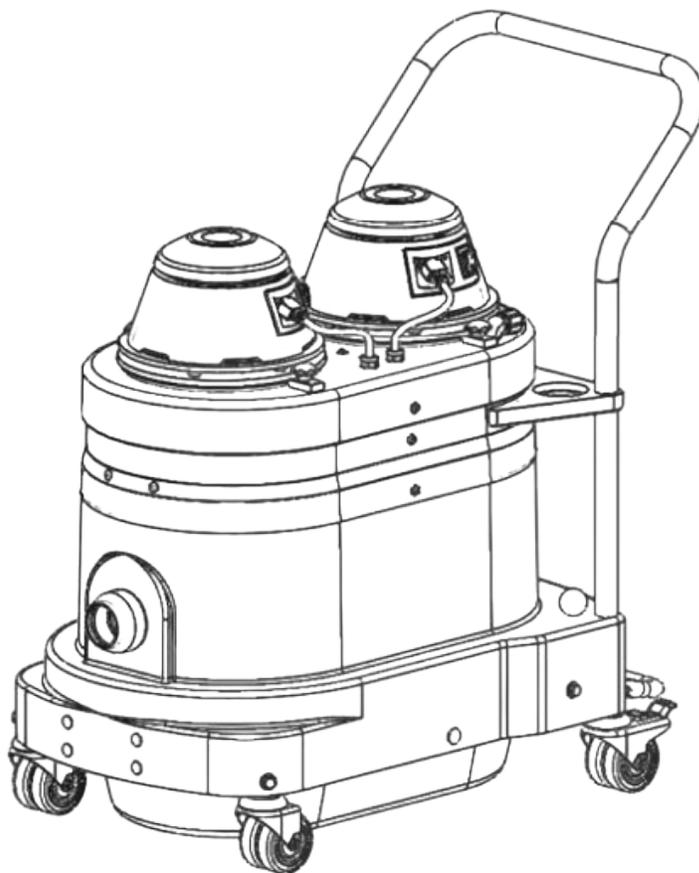
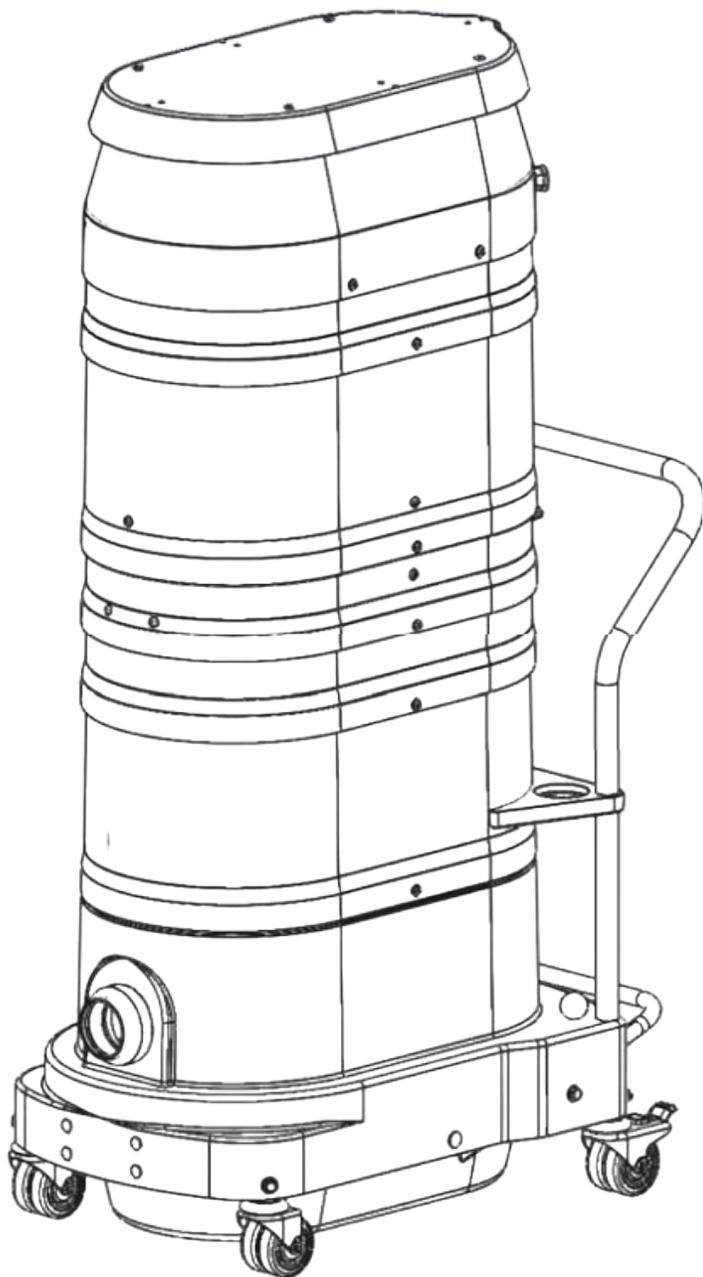


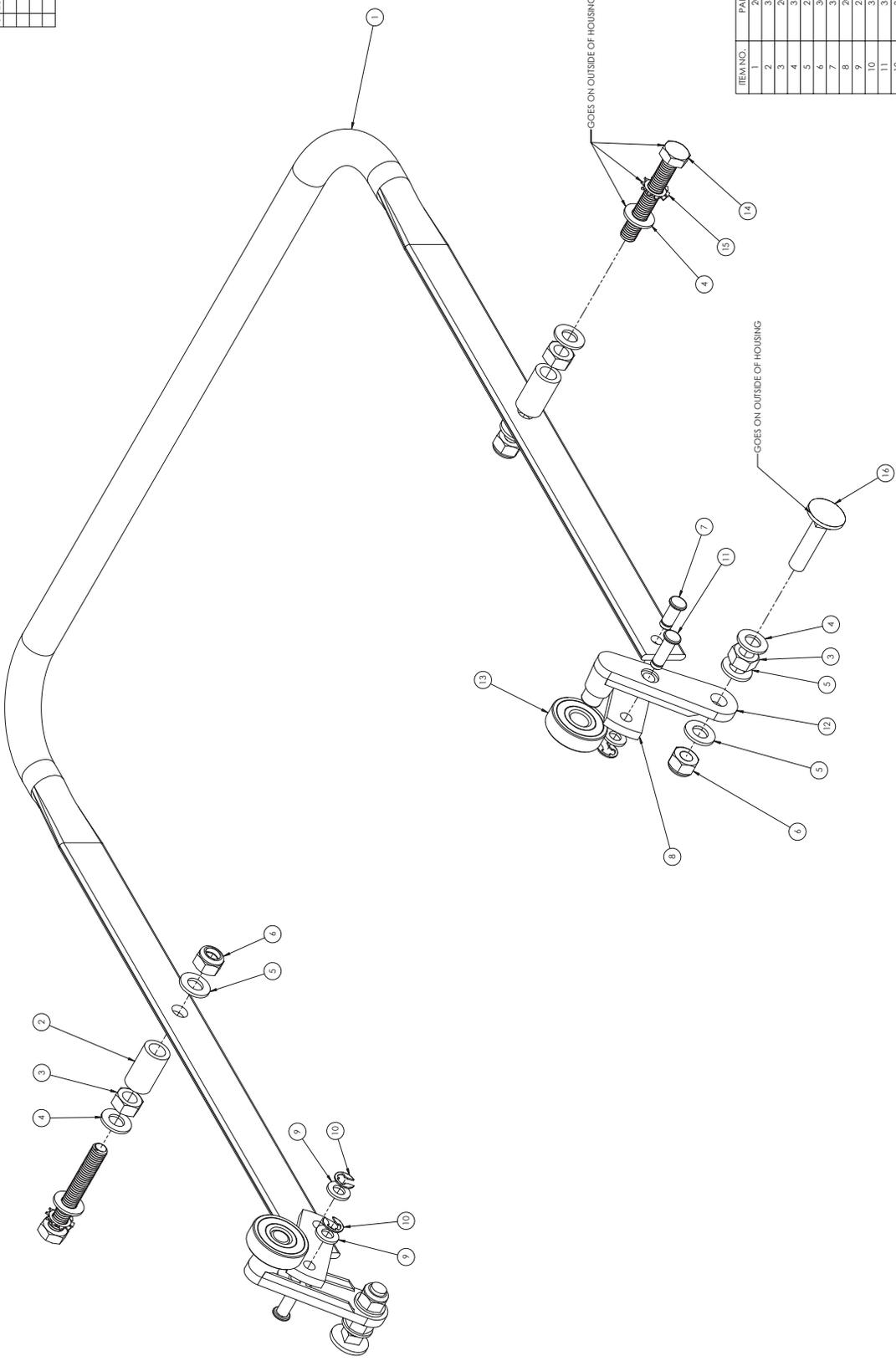


RUNYON
SURFACE PREP
RENTAL & SUPPLY

RSP 20 VAC PARTS MANUAL



REV	DESCRIPTION	DATE	NAME
J	ECO 1095; ADDED HW TO MATCH EVO BOM	12/21/14	J.F.



ITEM NO.	PART NO.	DESCRIPTION	DRAWING NO.	QTY.
1	20010	FOOT LEVER	000 H 0003 US	1
2	3481/2	PVC SPACER 15/16"		2
3	20044	HEX NUT M8 ZINC		4
4	3488/2	WASHER FLAT M8 ZINC		6
5	25061	M8 FLAT WASHER		6
6	3002/9	NUT LOCK M8		4
7	34921	PIN D6 X 15		2
8	20027	LEVER PIVOT PLATE		2
9	25067	WASHER FLAT M6		4
10	34923	C-CLIP ZINC		4
11	34922	PIN D6 X 19		2
12	34852	DUSTPAN TENSION LEVER		2
13	34853	DUSTPAN BEARING		2
14	34811	BOLT HEX M8 X 35		2
15	25057	WASHER FLAT M8 ZINC		2
16	25053	ROCK CARTRIDGE M8 X 35		2

DATE	BY	CHKD	APP'D	TITLE
12/21/14	J.F.			D1 DUSTPAN LEVER ASM

REVISION	DESCRIPTION	DATE
20010A		

SIZE	DWG. NO.	REV
D	000 E 0015 US	J

SCALE	1:2	WEIGHT

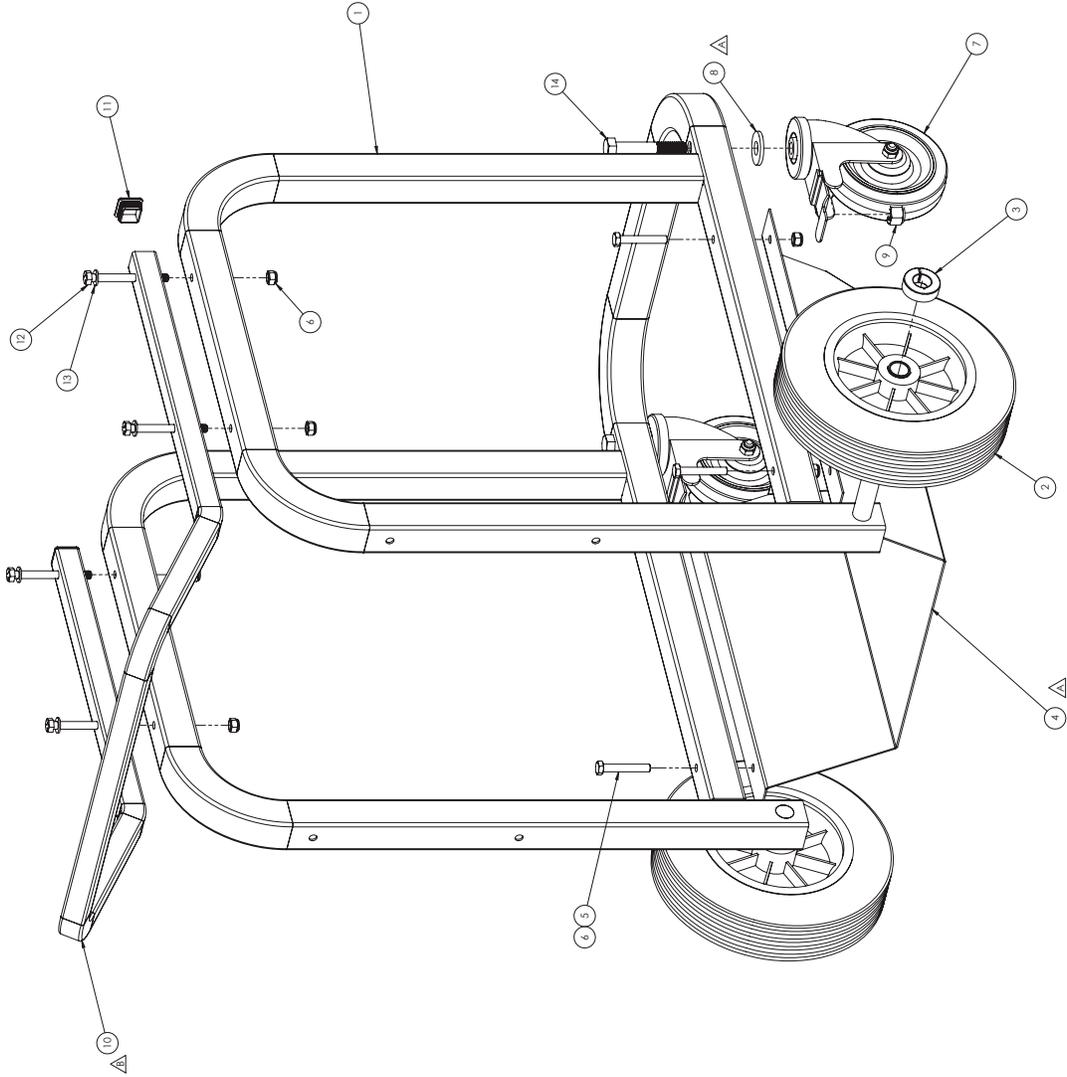
PROPERTY	VALUE
DATE	12/21/14
BY	J.F.
CHKD	
APP'D	
TITLE	D1 DUSTPAN LEVER ASM

PROPERTY	VALUE
DATE	
BY	
CHKD	
APP'D	
TITLE	

PROPERTY	VALUE
DATE	
BY	
CHKD	
APP'D	
TITLE	

PROPERTY	VALUE
DATE	
BY	
CHKD	
APP'D	
TITLE	

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
A4-B3	A	ECCO 1427 CHANGED MOUNTING POSITION OF TRAY	3/6/2018	JIF
C7	B	REMOVED HANDS MOUNTING POSITION	4/19/2018	JIF



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	5653012	DIRECT BAGGER FRAME SINGLE STACK, SHORT	1
2	31848	CASTER, 10M X 2.75, SOLID TIRE	2
3	31801	SHAFT COLLAR, .75IN	2
4	565303	DIRECT BAGGER FRAME BAG TRAY	1
5	31211	BOLT, HEX, 5/16-18 X 2"	4
6	31202	5/16-18 LOCK NUT	8
7	30204	CASTER, SWIVEL, 5IN, BRAKE, BOLT HOLE	2
8	50001	FLAT WASHER 1/2"	2
9	50045	LOCK NUT 1/2-13	2
10	565304	SQUARE HANDLE BAR, DB FRAME	1
11	3010	END CAP PLASTIC PLUG, 1/16 X .093IN, SERATED	2
12	31205	BOLT, HEX HEAD, 3/16 X 1.6, 3.28LG, ZINC	4
13	50001	FLAT WASHER 1/2"	4
14	50001	BOLT, HEX, 1/2 X 3.105, ZINC	2

DATE	3/29/17
DESIGNED BY	DAVID W. HARRIS
DESIGNED	DAVID W. HARRIS
DATE	3/29/17
CHECKED BY	DAVID W. HARRIS
CHECKED	DAVID W. HARRIS
DATE	3/29/17
APPROVED BY	DAVID W. HARRIS
APPROVED	DAVID W. HARRIS
DATE	3/29/17
SCALE	SCALE: 2:5 W/EGRE.

TITLE: DIRECT BAGGER FRAME ASM, SINGLE STACK, SHORT
 SIZE: DWG. NO. 0001E 0451 US
 5653012A
 SCALE: 2:5 W/EGRE. SHEET 1 OF 1

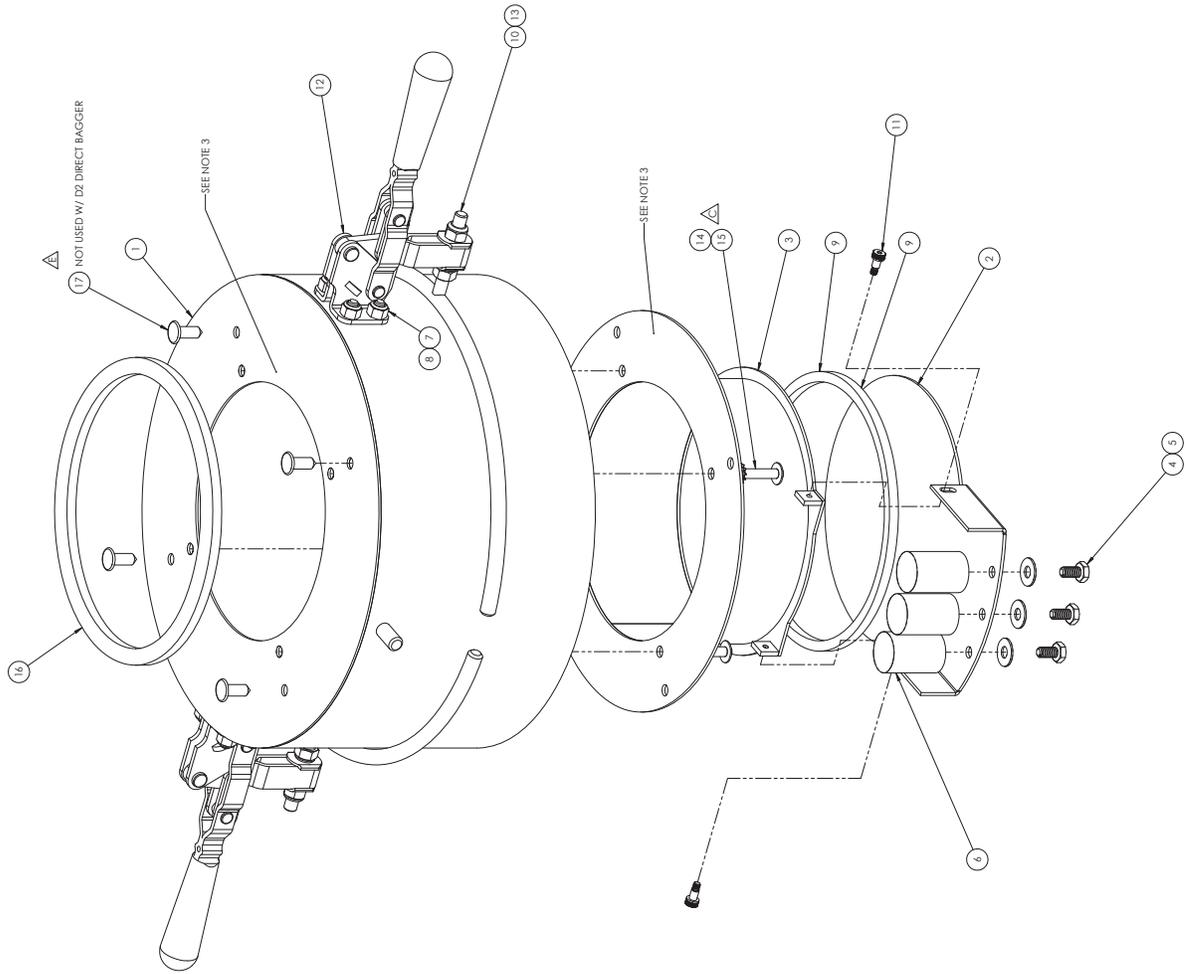
LOCAL COMPLIANCE: NONE
 OBSERVE ALL FINISHES
 DIMENSIONS ARE IN INCHES
 UNLESS OTHERWISE SPECIFIED
 FINISHES: SEE DRAWING
 BREAK SHARP EDGES
 COMMENTS:

APPROVALS:
 APPR: [Signature]
 DATE: [Date]

INFORMATION ON COMPLIANCE:
 SEE DRAWING FOR COMPLIANCE
 REQUIREMENTS AND FOR
 ADDITIONAL INFORMATION
 CONTACT THE DESIGN
 ENGINEER

NOTES:

1. ADHERE (6) TO (3) USING 3M SCOTCH WELD
2. APPLY LOCTITE TO (4)
3. USE SILICONE TO SEAL SURFACE



REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
A		NO ECO RELEASED TO A	6/23/2017	DJE
B		ECO 1381-ADDED 3.000	8/17/2017	DJE
B4	C	ECO 1412-CHANGED 1.664 IN DRAWING TO 1.664	10/19/2017	DJE
D		ECO 1381-ADDED GASKET 27004	11/17/2018	DB
D4	E	ECO 1625-ADDED HOSE PULSE FOR D1 MACHINES	7/19/2019	JDF

ITEM NO.	PART NO.	DESCRIPTION	SHUT/QUY.
1	970540	DIRECT BAGGER, DROP BODY BARREL	1
2	970542	LID, DROP BODY, LONGOPAC	1
3	970541	CHUTE, DROP BODY, LONGOPAC	1
4	25003	HEX BOLT 1/4-20, .51LG	3
5	200180	WASHER FLAT .25 (6880D) SS	3
6	970543	DIRECT BAGGER, COUNTER WEIGHT	3
7	250025	NUT, LOCK, .25-26, ZINC	8
8	250030	BOLT HEX 1/4-20 X 5/8"	8
9	250984	SQUARE GASKET .25, NITRILE	1
10	970545	CLAMP EXTENSION, DE GRAVITY DROP CLAMP	2
11	250666	SCREW, SHOULDER, E-32	2
12	9014101	CLAMP, LOGGEE	2
13	31202	5/16"-18 LOCK NUT	4
14	25000	WASHER EXT STAR, Z51N	4
15	3481701	SCREW, SOC BR, FLANGED, .066-25	4
16	970544	PLASTIC CAP, 201" X 313"	1
17	22123	PLUG, PLASTIC, FOR 201" X 313" HOLE, BLACK	4

DATE	BY	CHK	APP	REV
06/23/2017				1
08/17/2017				2
10/19/2017				3
11/17/2018				4
07/19/2019				5

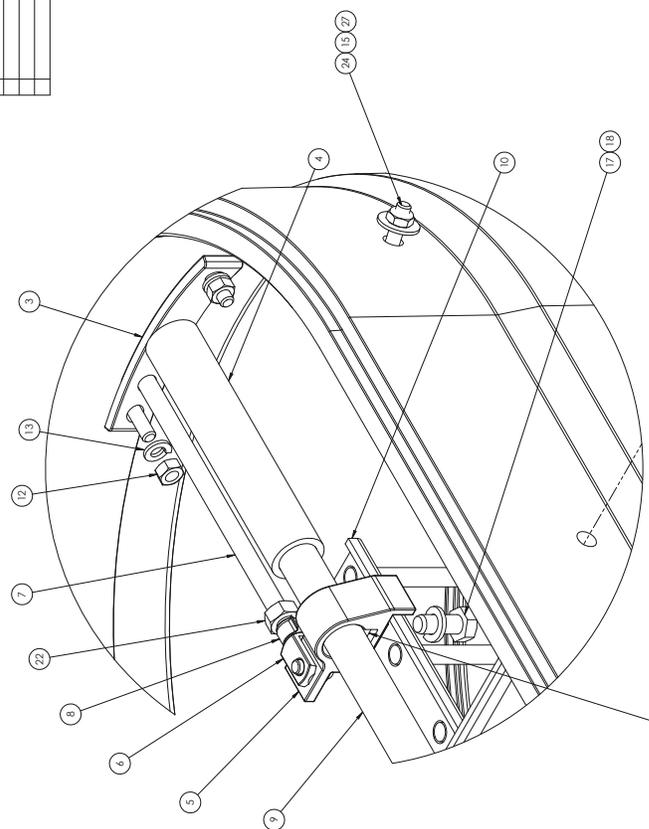
FORMERLY ORIGINALLY
 THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF
 THE COMPANY AND IS NOT TO BE
 REPRODUCED OR TRANSMITTED IN
 ANY FORM OR BY ANY MEANS,
 ELECTRONIC OR MECHANICAL,
 INCLUDING PHOTOCOPYING,
 RECORDING, OR BY ANY INFORMATION
 STORAGE AND RETRIEVAL SYSTEM
 WITHOUT PERMISSION FROM
 THE COMPANY

970544
 DIRECT BAGGER ASM

SIZE DWG. NO.
 000-E-0337 US

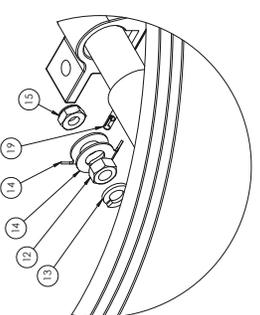
SCALE: 2:1 (MESH)
 SHEET 1 OF 1

REV	DESCRIPTION	DATE	BY
L	ADDED HOLES AND HARDWARE FOR PLASTIC SUPPORTS PER ECO 175	7/23/14	DE

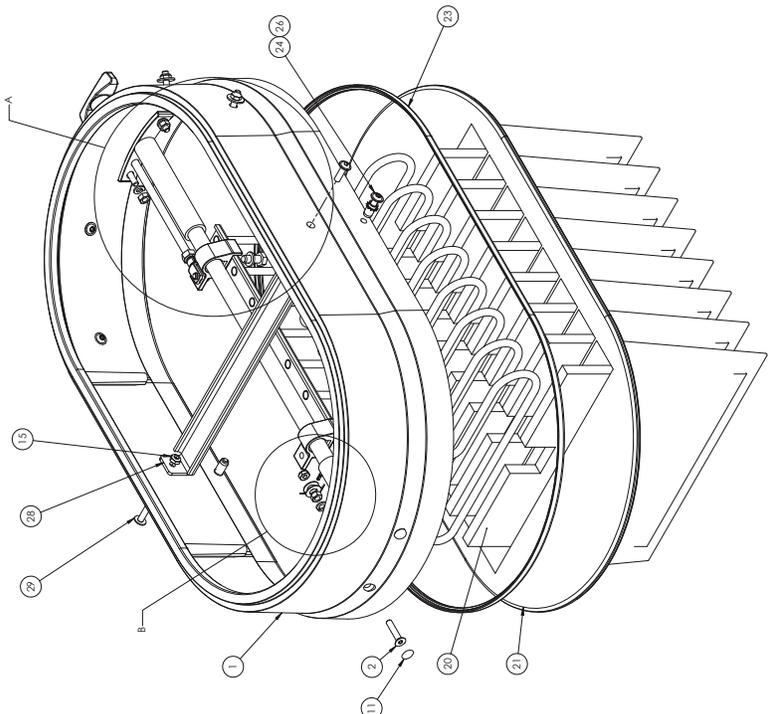


ITEM NO.	PART NO.	DESCRIPTION	DRAWING NO.	QTY.
1	34823002	HOUSING SPACER, DI. PORT, SMALL, RED		1
2	34815	SCREW, SOC PH M6 X 30		4
3	34806	SHAKER ROD MOUNTING SUPPORT		2
4	34805	CLEAR HOSE, 3/4" ID		2
5	34802	FILTER SLIDE GUIDE, PLASTIC		2
6	25697	CLEVIS, 6M12, M8 RHT		1
7	22565	SHAKER BAR W/ SWIVEL HANDLE		1
8	34879	SPRING CLIP 6 X 12		1
9	34804	MANUAL SHAKER BAR		1
10	25036	FILTER SUPPORT WELDMENT 1,2M		1
11	34871	PLASTIC PLUG, 4.5/13		4
12	20040	NUT HEX M6		4
13	20039	WASHER LOCK M6		4
14	34998	GROUND CONNECTOR		2
15	34874	M6 LOCK NUT		7
16	20045	NUT SQUARE M8		2
17	25038	BOIT HEX M8 X 20		2
18	20050	WASHER SPIT LOCK M8		2
19	34868	GROUND WIRE, FILTER TO DEFLECTOR		1
20	20091F	FILTER INSERT		8
21	20091	1,2M FILTER		1
22	20044	HEX NUT M8 ZINC		1
23	313786	GASSET NITRILE SPONGE		1
24	3481701	SCREW, SOC BH FLANGED, M6-25		6
25	34817A	M6 BLIND PEN		2
26	25000	WASHER EXT DIAR 1/4"		2
27	34819	WASHER FINDER M6		4
28	34875	FILTER SUPPORT WELDMENT 1,2M		2
29	34879	SCREW, SOC PH M6 X 20		2

DETAIL A
SCALE 1:1



DETAIL B
SCALE 1:1



REV	DESCRIPTION	DATE	BY
L	1,2M FILTER ASSEMBLY, MANUAL SHAKER, RED, PORT		

SCALE 1:8 (WEIGHT)

SA WINTER ST
HOLYOKE, MASS 01040

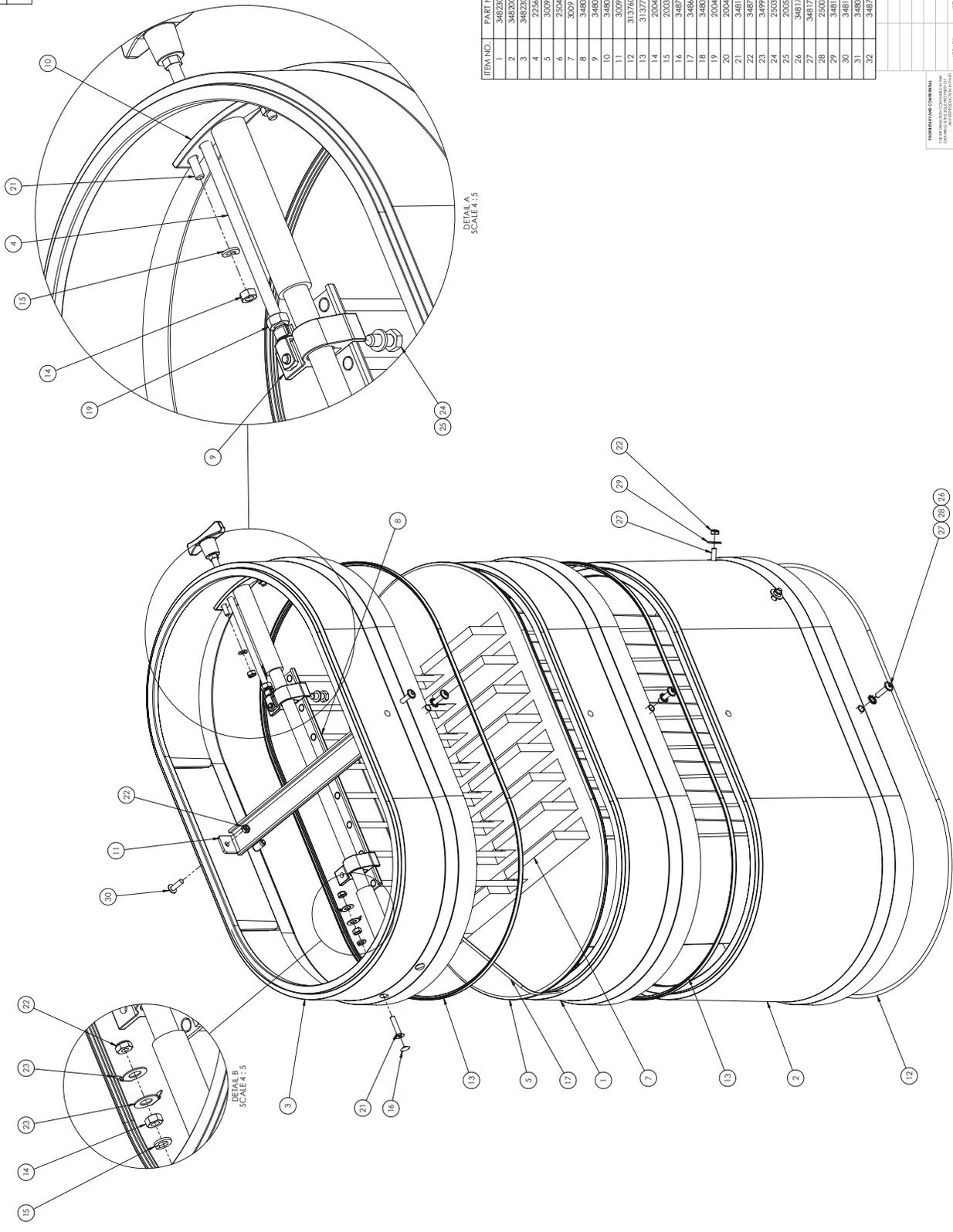
20091 A

SCALE 1:8 (WEIGHT)

REV L

SHEET 1 OF 1

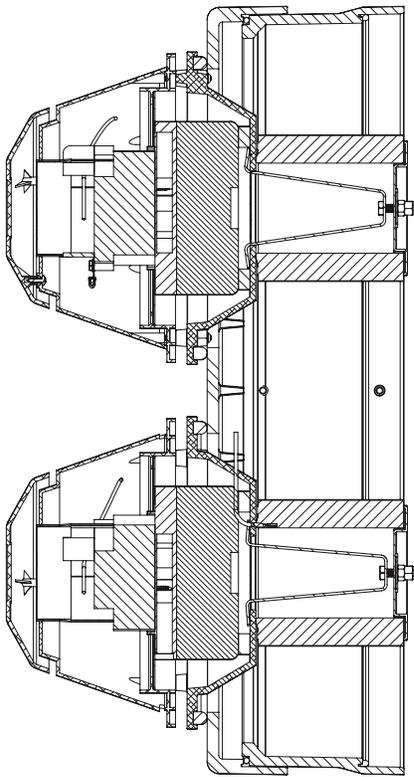
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
L	1	ECO 1186 ADDED HARDWARE FOR HANDLE BAR SUPPORT	3/11/16	DJE



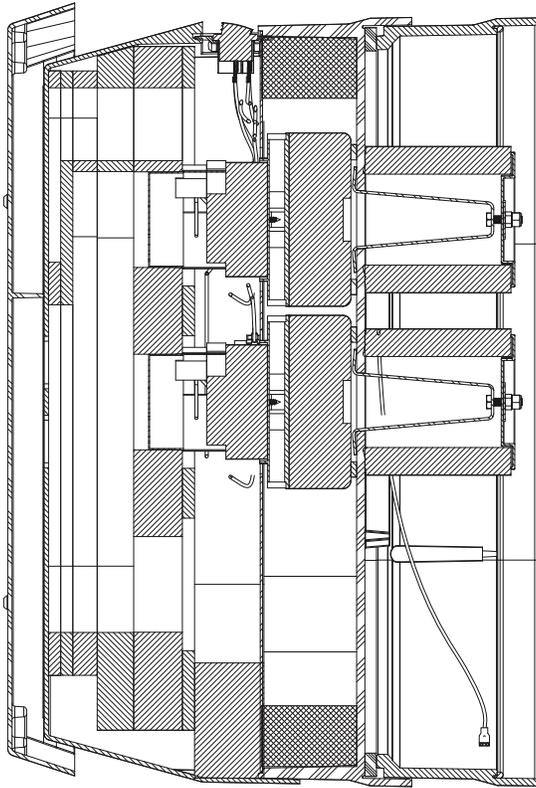
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	34820001	HOUSING SPACER, D1, SMALL, RED	1
2	34820005	HOUSING SPACER, D1, REG. RED, HANDLE SUPPORT HOLES	1
3	34820003	HOUSING SPACER, D1, PORT, SMALL, RED	1
4	22565	SHAKER BAR W/ SWIVEL HANDLE	1
5	30091	FILTER, 2.6M	1
6	25097	CLEVIS, 6A12, M8 RHT	1
7	30091F	FILTER INSERT, 2.6M	1
8	34807	FILTER SUPPORT WELDMENT 2.6M	8
9	34802	FILTER SLIDE GUIDE, PLASTIC	2
10	34806	SHAKER ROD MOUNTING SUPPORT	2
11	30095	FILTER BAR SUPPORT	1
12	31376002	GASKET, NEOPRENE, .188", 5.4FT LG	1
13	3137766	GASKET, NITRILE SPONGE	2
14	20040	NUT HEX M6	4
15	20039	WASHER LOCK M6	4
16	34871	PLASTIC FLUG, 4.5/13	4
17	34869	GROUND, 2.6M FILTER TO DEFLECTOR	1
18	34804	MANUAL SHAKER BAR	1
19	20044	HEX NUT M6, ZINC	1
20	20045	NUT, SQUARE, M8	2
21	34815	SCREW, SOC FH M6 X 30	4
22	34876	M6 LOCK NUT	7
23	34998	GROUND CONNECTOR	2
24	25088	BOLT HEX M8 X 20	2
25	20050	WASHER SPRT LOCK M8	2
26	34817A	M6 BLIND PEM	6
27	3481701	SCREW, SOC-BT, FLANGED, M6-25	10
28	25000	WASHER EXT STAR, ZBN	6
29	34819	WASHER EXT STAR, M6	6
30	34817	SCREW, TITE GEN, M6 X 20	5
31	34815	CLEVIS ROSE 3/4" X 1/2"	2
32	34879	SPRING CLIP FOR CLEVIS, 3/8" X 1/4" X 1/4" X 1/4"	2

DATE: 01/13/2015	DATE: 01/13/2015	DATE: 01/13/2015	DATE: 01/13/2015
DESIGNED BY: [Blank]	DESIGNED BY: [Blank]	DESIGNED BY: [Blank]	DESIGNED BY: [Blank]
DRAWN BY: [Blank]	DRAWN BY: [Blank]	DRAWN BY: [Blank]	DRAWN BY: [Blank]
CHECKED BY: [Blank]	CHECKED BY: [Blank]	CHECKED BY: [Blank]	CHECKED BY: [Blank]
APPROVED BY: [Blank]	APPROVED BY: [Blank]	APPROVED BY: [Blank]	APPROVED BY: [Blank]
TITLE: 9.6M FILTER ASSEMBLY			
MANUAL SHAKER, RED	MANUAL SHAKER, RED	MANUAL SHAKER, RED	MANUAL SHAKER, RED
SUPPORT HARDWARE	SUPPORT HARDWARE	SUPPORT HARDWARE	SUPPORT HARDWARE
SIZE: DWG. NO. 30091 A			
REV: L	REV: L	REV: L	REV: L
SCALE: 1/8" = 1"			

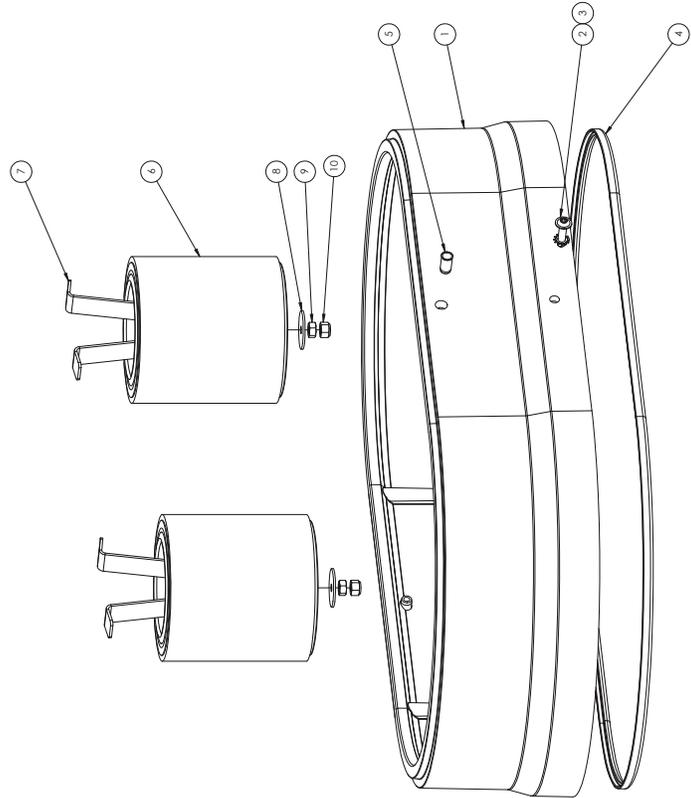
FOR PARTS AND COMMENTS
SEE DRAWING COVERED BY
THIS DRAWING FOR PART
AND MATERIAL SPECIFICATIONS
AND DIMENSIONS. IF
CHANGES ARE REQUIRED,
CONTACT THE DESIGN
ENGINEER.



INSTALLED ON A WINS2220



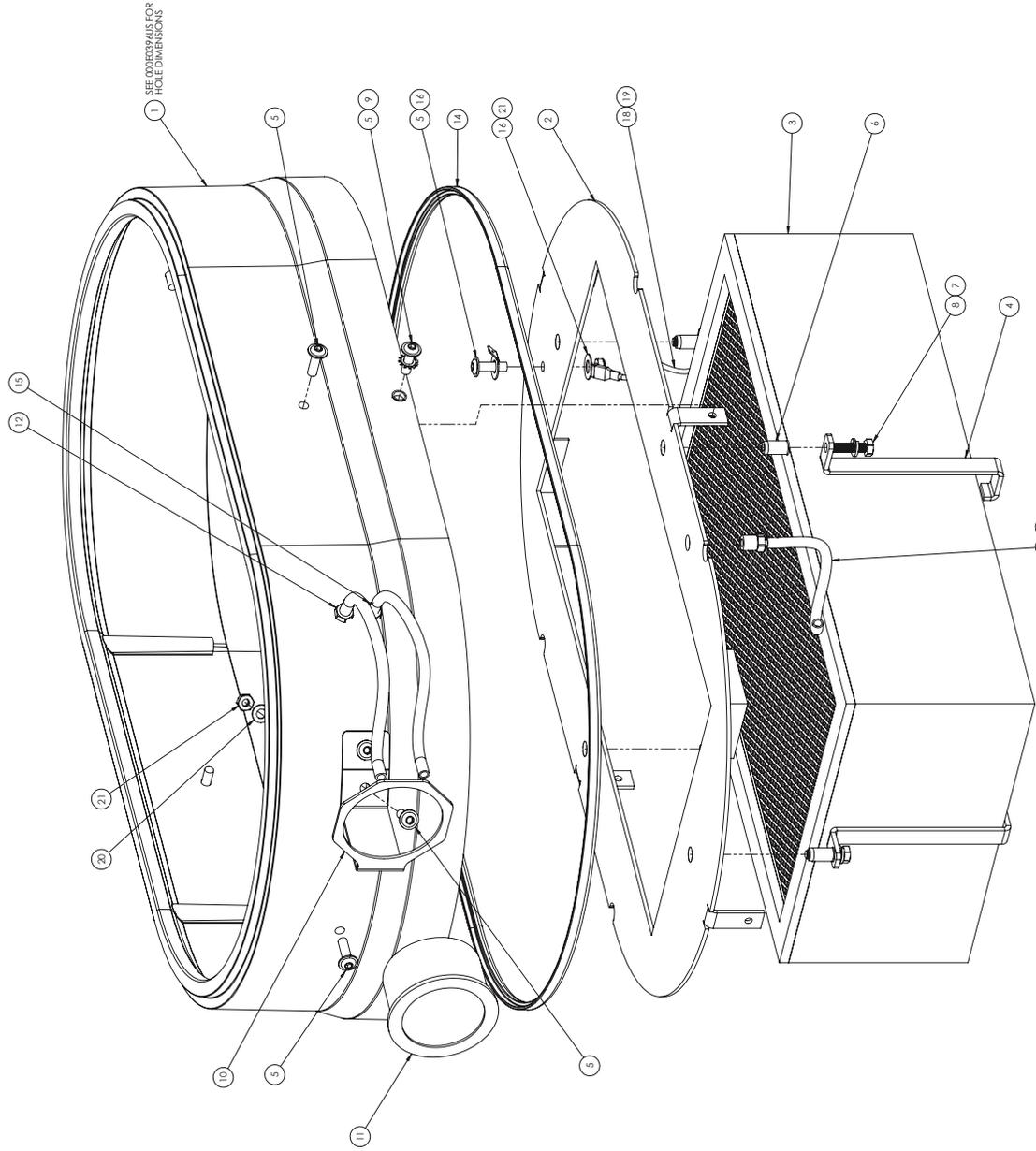
INSTALLED ON A WS2220



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	34823004	SMALL SPACER RING, HEPA 2.0	1
2	3481701	SCREW, SOC RH, FLANGED, M6-25	2
3	25000	WASHER EXT STAR .25IN	2
4	3137766	GASKET, NITRILE SPONGE	1
5	348177A	M6 BLIND PDA	2
6	35211CON	FILTER, HEPA, 4.375 DO, END CAP	2
7	HEPA 2.0	HEPA 2.0 FILTER	2
8	20031	WASHER, FENDER, 1/4 X 1 1/4	2
9	25001	NUT, .25-20, ZINC	2
10	250025	NUT, LOCK, .25-20, ZINC	2

LEVEL	DESCRIPTION	DATE	BY
1	DESIGNED BY: J.F. 10/17/17		
2	DESIGNED BY: J.F. 10/17/17		
3	DESIGNED BY: J.F. 10/17/17		
4	DESIGNED BY: J.F. 10/17/17		
5	DESIGNED BY: J.F. 10/17/17		
6	DESIGNED BY: J.F. 10/17/17		
7	DESIGNED BY: J.F. 10/17/17		
8	DESIGNED BY: J.F. 10/17/17		
9	DESIGNED BY: J.F. 10/17/17		
10	DESIGNED BY: J.F. 10/17/17		

TITLE: HEPA 2.0 MODULE SILICA COMPLIANT
 SIZE: DWG. NO. 3519201 CON
 SCALE: 1:1
 SHEET 1 OF 1

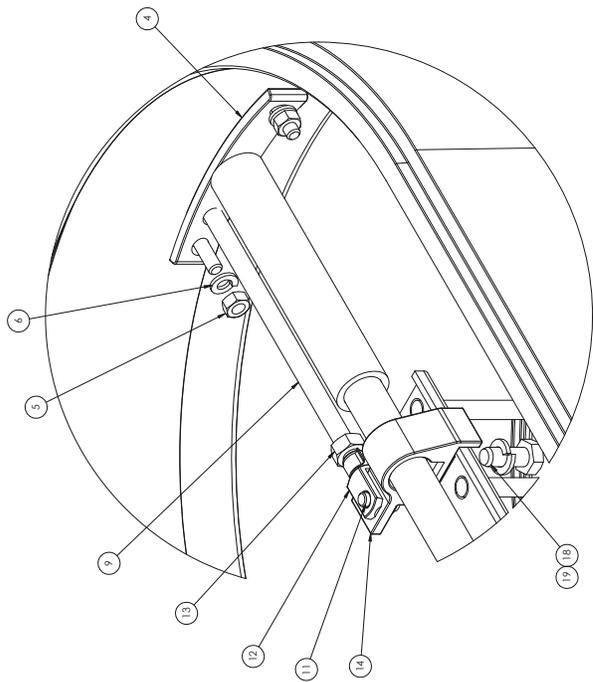


ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	34823005	HOUSING SPACER, SHORT HEPA, D1	1
2	3494701	SHORT HEPA ADAPTER PLATE, D1	1
3	35211	HEPA FILTER 40 SQ FOOT, WS, DS1	1
4	34949	HEPA HOLD DOWN BRACKET, WS	4
5	34817	SCREW ULS SOC HD M6 X 20	9
6	34817A	M6 BLIND PEM	6
7	20039	WASHER LOCK M6	4
8	34854	BOLT, HEX, M6-25	4
9	25000	WASHER EXT STAR, 25IN	2
10	2514311	MINIHELIC MOUNT, EXTERNAL	1
11	25143	MINIHELIC, WITH WING BKT 1/2 WC	1
12	200628	BULGHAD UNION, 24IN BARB, 3/16-24 THREAD, BRASS	1
13	34800	MINIHELIC HOSE, 6IN	2
14	3137764	GASKET, NITRILE SPONGE	1
15	31632	HOSE BARB, 1/25 NPT X, 25 BARB	2
16	34998	GROUND CONNECTOR	2
17	34800	MINIHELIC CONNECTION HOSE, 6.25IN	1
18	34993	WIRE, 14 GAUGE, GREEN, BIN	1
19	31713	TERMINAL, 1/4 GA., PUSH ON, BLUE NYLON	2
20	25067	WASHER FLAT M6	2
21	34876	M6 LOCK NUT	2

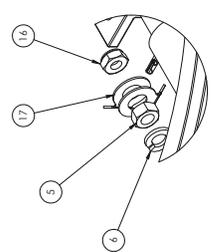
TITLE: HEPA FILTER MODULE ASM, RED, SMALL RING
 DATE: 4/25/2017
 DRAWN BY: SA WINTER ST
 CHECKED BY: HOLYOKE, MAS, 01040
 DESIGNED BY: SA WINTER ST
 PROJECT NO.: 351925
 PART NO.: 351925
 COMMENTS: BREAK SHARP EDGES
 SCALE: 2:1 W/EDGE
 SHEET 1 OF 1

REVISIONS:
 1. REVISED FOR COMMENTS
 2. REVISED FOR COMMENTS
 3. REVISED FOR COMMENTS
 4. REVISED FOR COMMENTS
 5. REVISED FOR COMMENTS
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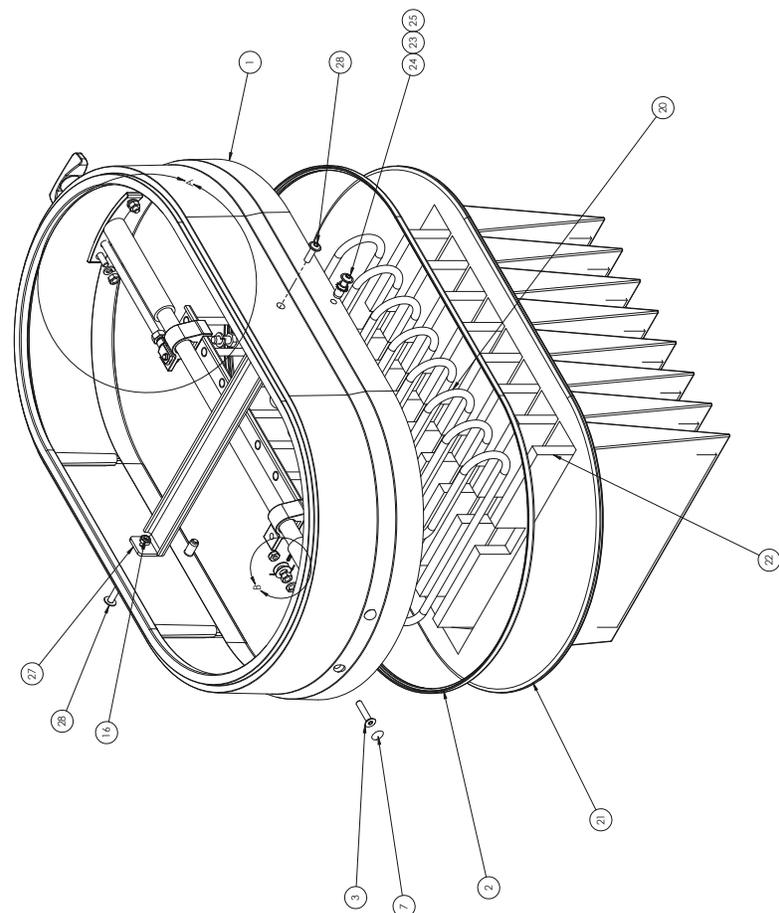
REV	DESCRIPTION	DATE	NAME



DETAIL A
SCALE 1:1



DETAIL B
SCALE 1:1



ITEM NO.	PART NO.	DESCRIPTION	DRAWING NO.	QTY.
1	34823002	HOUSING SPACER, D.I. PORE, SMALL, RED		1
2	3137766	GASKET, NITRILE SPONGE		1
3	34815	SCREW, SOC FH M6 X 30		4
4	34806	SHAKER ROD MOUNTING SUPPORT		2
5	20040	NUT, HEX, M6		4
6	20039	WASHER LOCK, M6		4
7	34871	PLASTIC PLUG, 4.5/13		4
8	34805	CLEAR HOSE, 3/4" ID		2
9	22565	SHAKER BAR W/ SWIVEL HANDLE		1
10	34804	MANUAL SHAKER BAR		1
11	34879	SPRING CLIP & X 12		1
12	25047	CLEVIS, AX12, M8 RHT		1
13	20044	HEX NUT M8, ZINC		1
14	34802	FILTER SLIDE GUIDE, PLASTIC		2
15	20045	NUT, SQUARE, M8		2
16	34876	M6 LOCK NUT		3
17	34998	GROUND CONNECTOR		2
18	25038	BOLT, HEX M8 X 20		2
19	25056	WASHER SPLIT LOCK M8		2
20	25056	FILTER SUPPORT WELDMENT 1.2M		1
21	20391	1.2M FILTER		1
22	20391F	FLITER INSERT		8
23	34817A	M6 BLIND FEN		2
24	34817A1	SCREW, SOC RH FLANGED, M6-25		2
25	25000	WASHER STAR 1/4"		2
26	34808	GROUND FILTER REFLECTOR		1
27	30995	GROUND FILTER BAR SUPPORT		1
28	34817	SCREW US SOC UD M6 X 20		2

REVISIONS	DATE	BY	CHKD	APP'D	DESCRIPTION

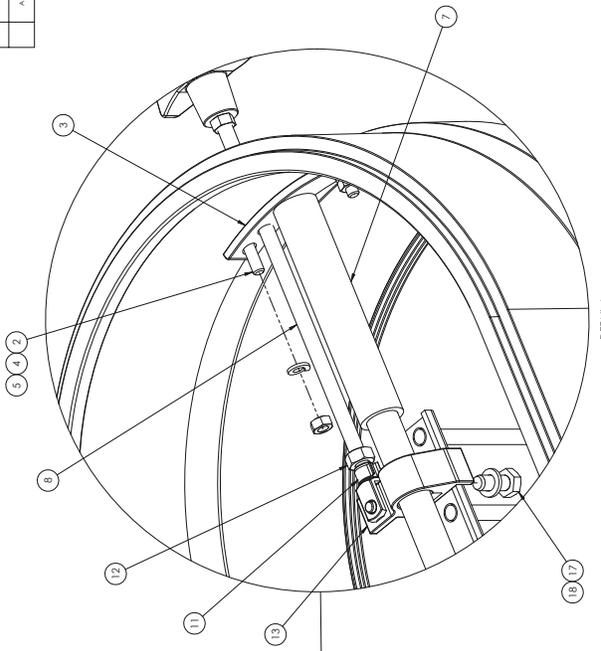
TITLE: 1.2M FILTER ASSEMBLY, MANUAL SHAKER, RED, SILO
 SCALE: 12.5%
 DRAWING NO. D 000-E 0340 US L
 REV 1 OF 1

20091 A01
 20091 A01
 20091 A01

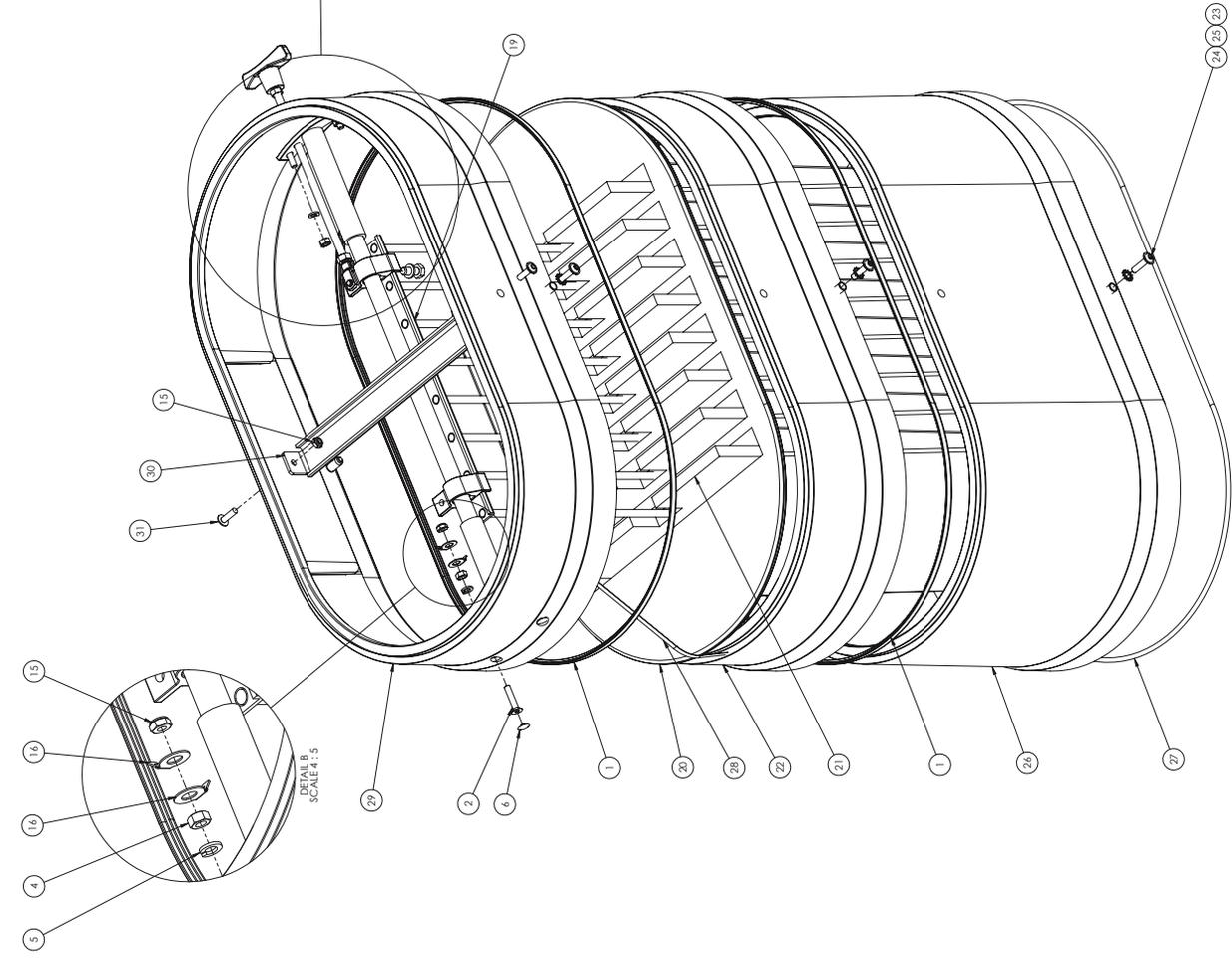
SA WINTER ST.
 HOLYOKE, MASS. 01040

REVISIONS
 DATE
 BY
 CHKD
 APP'D
 DESCRIPTION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	3/23/17	DJE



DETAIL A
SCALE 1:3



DETAIL B
SCALE 4:5

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	313776	GASKET NITRILE SPONGE	2
2	34815	SCREW SOC FL M6 X 30	4
3	34804	SHAKER ROD MOUNTING SUPPORT	2
4	20040	NUT HEX M6	4
5	20039	WASHER LOCK M6	4
6	34871	PLASTIC PLUG 4.5/13	4
7	34871	CLEAR HOSE 3/4ID	2
8	22565	SHAKER BAR W/ SWIVEL HANDLE	1
9	34804	MANUAL SHAKER BAR	1
10	34879	SPRING CLIP FOR CLEVIS YOKE 6MM X 12MM	1
11	25047	CLEVIS 6X12 M8RHT	1
12	20044	HEX NUT M8, ZINC	1
13	34802	FILTER SLIDE GUIDE, PLASTIC	2
14	20045	NUT, SQUARE, M8	2
15	34876	M6 LOCK NUT	3
16	34998	GROUND CONNECTOR	2
17	25038	BOLT HEX M8 X 20	2
18	20050	WASHER SPLIT LOCK M8	2
19	34807	FILTER SUPPORT WELDMENT 2.6M	2
20	30091	FILTER, 2.6M	1
21	30091F	FILTER INSERT, 2.6M	1
22	34825001	HOUSING SPACER, D1, SMALL, RED	8
23	34817A	M6 BLIND FEM	6
24	3481701	SCREW, SOC BH, FLANGED, M6-25	6
25	25000	WASHER EXT'S D16, 25IN	6
26	34820001	HOUSING SPACER, D1, REG, RED, STD HOLES	1
27	31376002	GASKET NEOPRENE, 188, 5.4FT LG	1
28	34869	GROUND, 2.6M FILTER, 10 DEFLECTOR	1
29	34820003	HOUSING SPACER, D1, TORI, SMALL, RED	1
30	30091	FILTER SUPPORT	1
31	34817	SCREW, SOC, STD, M6 X 20	2

DATE	DATE	DATE	DATE
3/23/17			

30091 A01
 000 E 0385 US
 SCALE: 1:8 (MECH)

34 WINTER ST
 HOLYOKE, MASS 01040

30091 A01
 000 E 0385 US
 SCALE: 1:8 (MECH)

30091 A01
 000 E 0385 US
 SCALE: 1:8 (MECH)

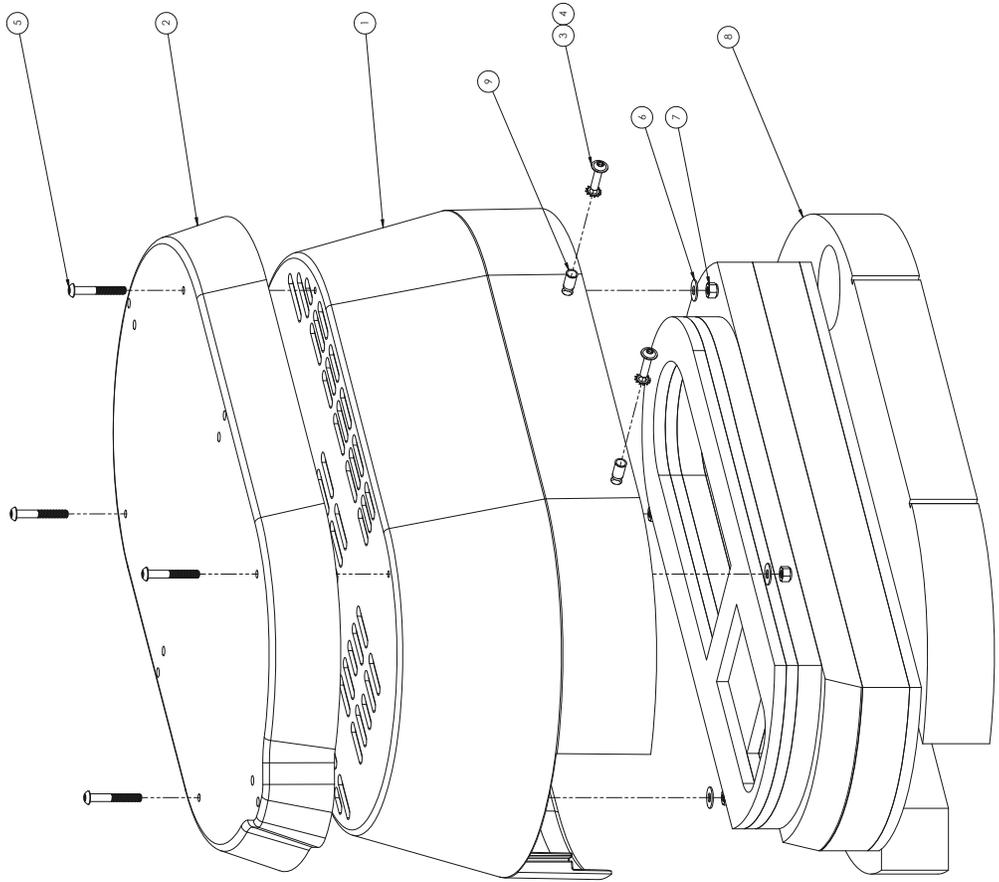
30091 A01
 000 E 0385 US
 SCALE: 1:8 (MECH)

30091 A01
 000 E 0385 US
 SCALE: 1:8 (MECH)

30091 A01
 000 E 0385 US
 SCALE: 1:8 (MECH)

30091 A01
 000 E 0385 US
 SCALE: 1:8 (MECH)

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	F	ECO 1001 UPDATED ASSEMBLY	4/4/2016
			D/E



ITEM NO.	PART NO.	DESCRIPTION	DRAWING NO.	QTY.
1	349602	SIENCER HOOD WITH HOLES, 2 MOTOR, RED		1
2	329662	RAIN GUARD, WZ		1
3	3481701	SCREW, 30C-BH, FLANGED, 1/65-25		4
4	25000	WASHER EXT STAR 25IN		4
5	200180	SCREW BH CAP, 25-27 X 1.75, SS, PARTIAL THD		4
6	200180	WASHER FLAT, 25, (6860)15		4
7	200180	WASHER FLAT, 25, (6860)15		4
8	349602	SIENCER HOOD, WZ UPPER		4
9	348171A	SCREW, 30C-BH, FLANGED, 1/65-25		1

DATE	BY	CHKD	APPV	TITLE
12/12/14	J.F.			WS SIENCER ASM

DATE	BY	CHKD	APPV	TITLE
				WS SIENCER ASM

DATE	BY	CHKD	APPV	TITLE
				WS SIENCER ASM

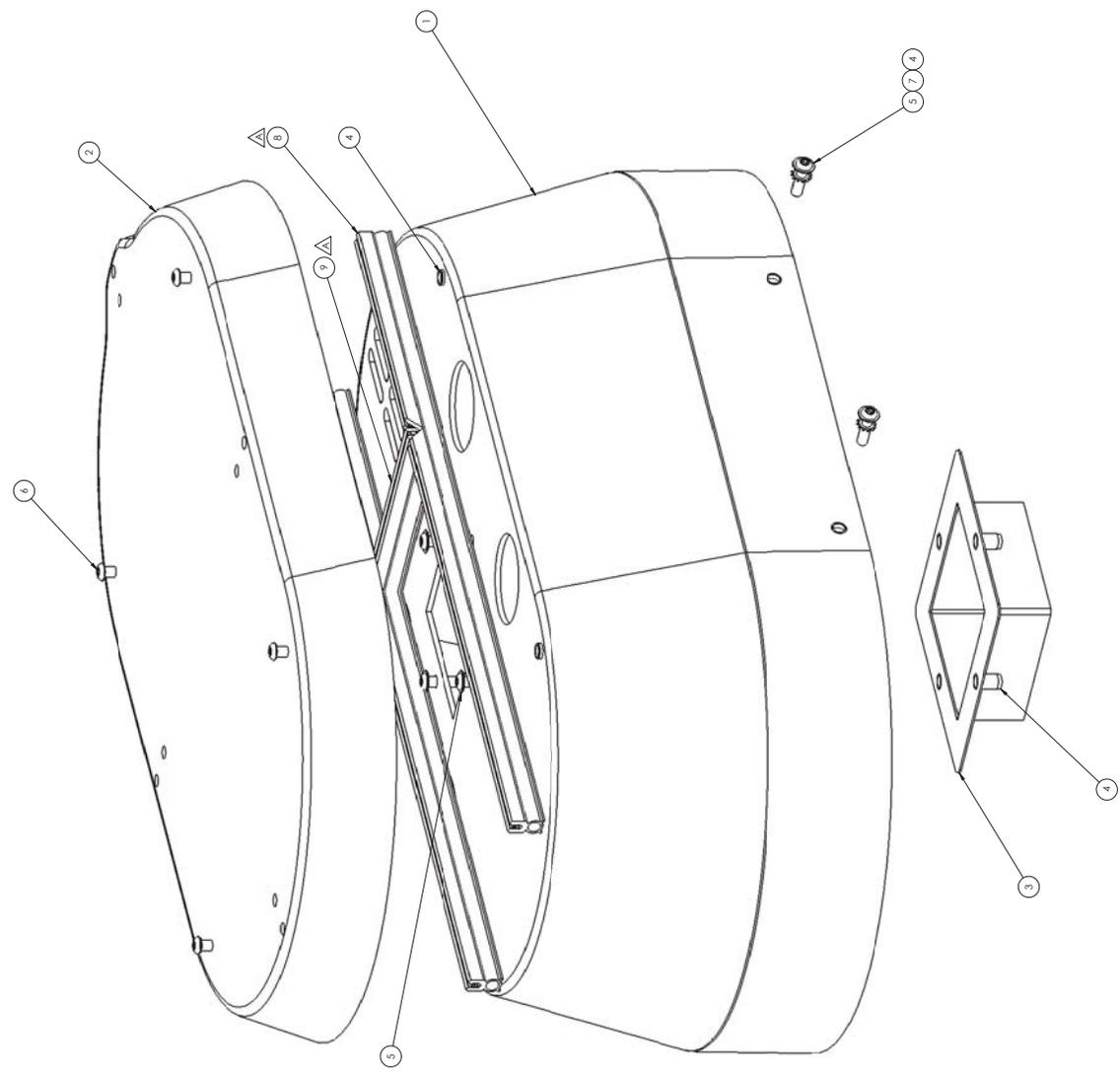
DATE	BY	CHKD	APPV	TITLE
				WS SIENCER ASM

DATE	BY	CHKD	APPV	TITLE
				WS SIENCER ASM

DATE	BY	CHKD	APPV	TITLE
				WS SIENCER ASM

DATE	BY	CHKD	APPV	TITLE
				WS SIENCER ASM

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
CL	A	ECCO HASI - ADDED CHASSIS TO INCREASE OF RAIN GARD	9/17/2019	DB



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	349803	SILENCER HOOD, RED, COOL AIR INTAKE	1
2	32984R	RAIN GUARD, W2	1
3	349665	COOLING MANIFOLD, UPPER	1
4	34817A	TMG BUND PEM	12
5	3481701	SCREW, SOC.BT, FLANGED, M6X25	8
6	32965	SCREW, TMG X 30, BUTT/ROUND	4
7	32003	WASHER EXT STAR, Z8N	4
8	313210	GNARLET, Z8.5, SELF-CLEANING	2
9	313210	GNARLET, Z8.5, SELF-CLEANING	2

DATE	TIME	BY	CHK	APP	COMMENTS
09/17/2019	14:00	DB			ISSUED FOR PRODUCTION

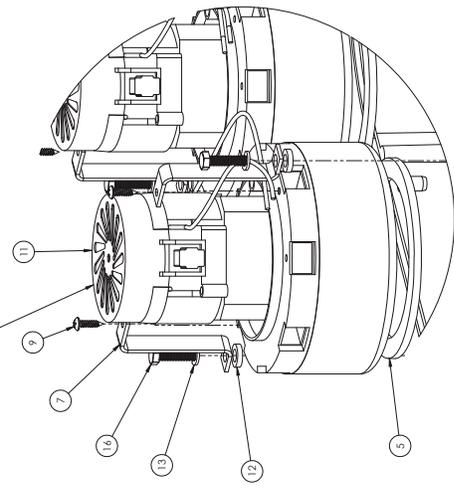
PART NO. 34980333A
 TITLE: SILENCER HOOD ASM, COOL AIR INTAKE
 SCALE: 2:1 (MEGHE)

REV. NO. 0001E 0456 US
 REV. A

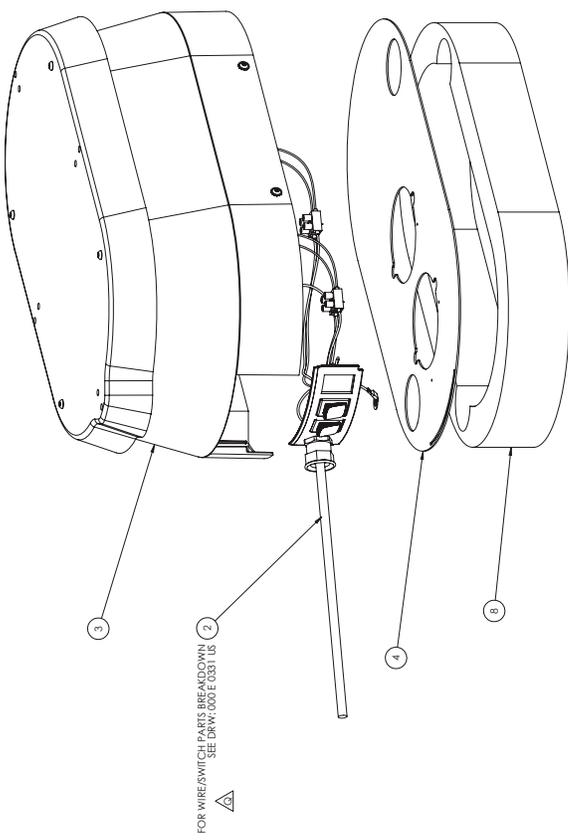
SHEET 1 OF 1

ZONE	REV.	DESCRIPTION	DATE	APPROVED
P	ECO	1955 ADDED REPAIR/CHANGE BRUSH NOTES CHANGED CABINET TO 253482Z	9/19/2017	DJE
Q	NO ECO	ADDED PASTE	10/26/2017	DJE
R	ECO	1443 CHANGED MOTOR DRIVS	12/12/2017	DJE

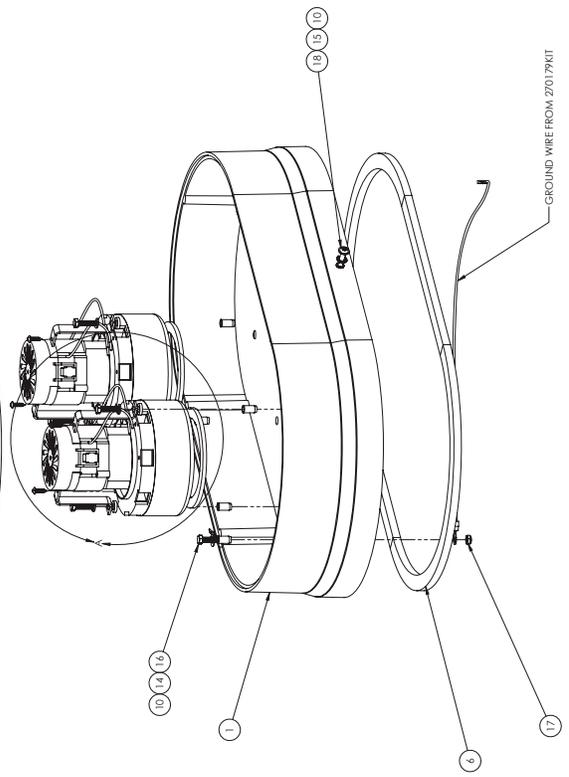
REPLACEMENT BRUSHES
SEE DRAWING 253482Z
AMERK: 33378



DETAIL A
SCALE: 2:3



FOR WIRE/SWITCH PARTS BREAKDOWN
SEE DRAWING 000 E 0331 US



GROUND WIRE FROM Z70179K1T

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	34983001	WS MOTOR DECK, 2 HOLES, GROOVE, RED	1
2	PH2707A	WS 2 MOTOR SWICH ASM, 240V	1
3	PH349820ARG	WS SILENCER ASM	1
4	34985	WS DIFFUSER PLATE, 2 MOTOR	1
5	329267	MOTOR HEAD GASKET	2
6	32934002	GASKET, .375IN X .75IN, 68IN LG	1
7	34826	MOTOR HOLD DOWN BRACKET	4
8	34984	SILENCER FOAM, W2, LOWER	1
9	25064	SCREW PHIL PH #6 X 5/8" ZINC	4
10	34817A	M6 BLIND FEM	7
11	116549-13	MOTOR, 23 STAGE, 1200W, 240V	2
12	200632	NTLON WASHBR/SPACER	4
13	20039	WASHER LOCK W/6	4
14	34978	GROUND CONNECTOR	1
15	25000	WASHER BR STAK, Z3IN	2
16	34854	BOLT, HEX, M6X25	5
17	34854	WASHER BR STAK, Z3IN	5
18	3481701	SCREW, LCP BR, FLANGED, M4X25	2

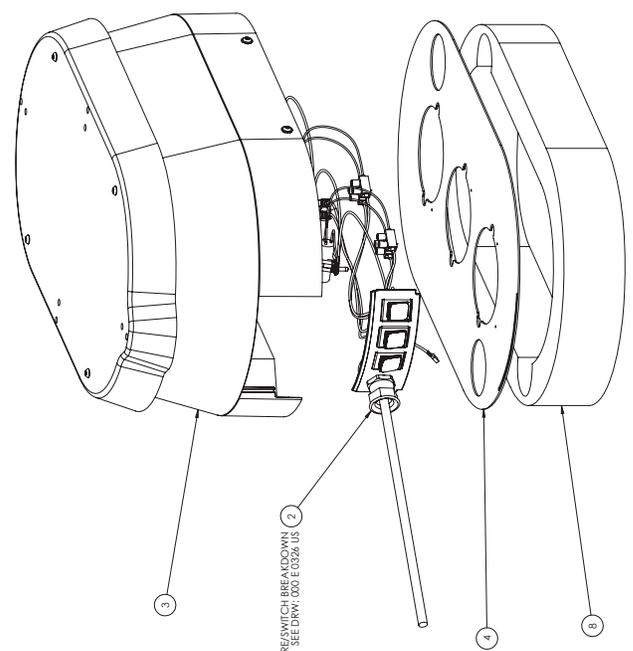
DATE	BY	CHKD	APPV	TITLE
9/24/15				Holyoke, Mas. 01040

W52220, 2 MOTOR ASM, 240
D 000 E 0332 US
SCALE: 1:12 W/EGRE.

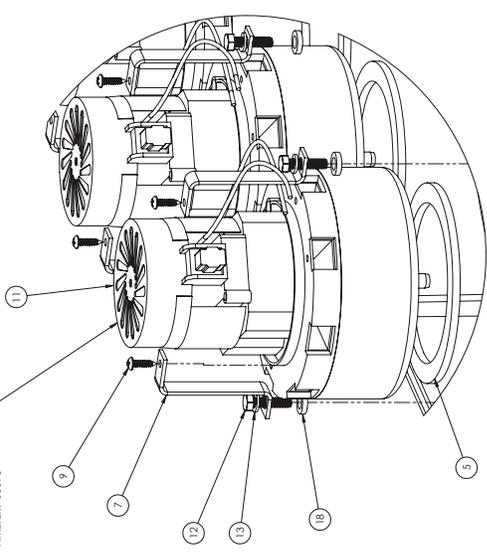
116333A
REV
R

116333A
SCALE: 1:12 W/EGRE.

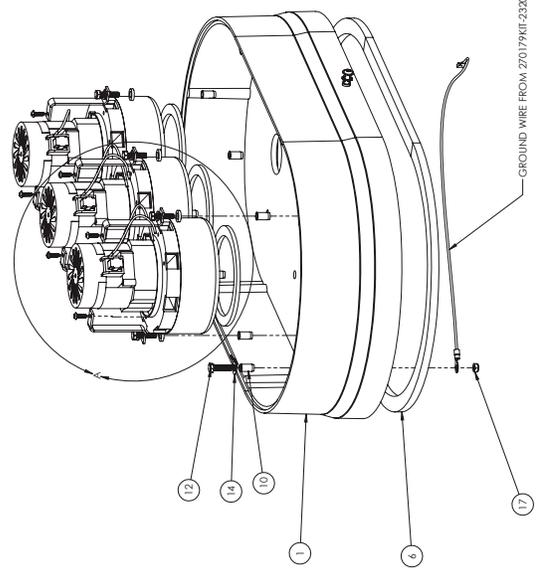
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	ECCO 18AS ADDS MOTOR BRUSHES, CHANGED GASKET TO 329467	9/19/2017	DJE
C	NO ECCO, ADDS NOTE	10/26/2017	DJE
D	ECCO 18AS, CHANGED MOTOR COVER	12/12/2017	DJE



REPLACEMENT BRUSHES
 ECCO 18AS
 PART NUMBER: 33378



DETAIL A
 SCALE: 2:3



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	34958002	WS MOTOR DECK, 3 HOLES, RED	1
2	PH2707LA3	WS 3 MOTOR SWITCH ASM, 220V	1
3	PH3498DARG	WS SILENCER ASM	1
4	34986	AIR CHANNEL PLATE, 3 MOTOR, METAL	1
5	32947	MOTOR HEAD GASKET	3
6	32946002	GASKET, .375IN X .75IN, 63IN LG	1
7	34826	MOTOR HOLD DOWN BRACKET	6
8	34984	SILENCER FOAM, W2, LOWER	1
9	25064	SCREW PHIL PH #6 X 5/8" ZINC	6
10	34817A	M6 BIND PEM	9
11	116599-13	MOTOR, 2 STAGE, 1200W, 240V	3
12	34854	BOLT, HEX, M6X25	7
13	20039	WASHER LOCK W6	6
14	34998	GROUND CONNECTOR	1
15	3481701	SCREW, SOC BL, FLANGED, M6X25	2
16	23000	WASHER EX STAL, ZIN	2
17	34817	WASHER EX STAL, ZIN	1
18	280492	NON WASHER SPACER	6

DATE	BY	CHKD	APP'D	REV
5/10/16				
5/10/16				
5/10/16				
5/10/16				

TITLE: WS2320 MOTOR DECK, 3 HOLES, RED
 SMIR, RED, Z20V
 SIZE: DWG. NO. 116549A
 REV: 000 E 0327 US
 SCALE: 18" W/EGRE. SHEET 1 OF 1

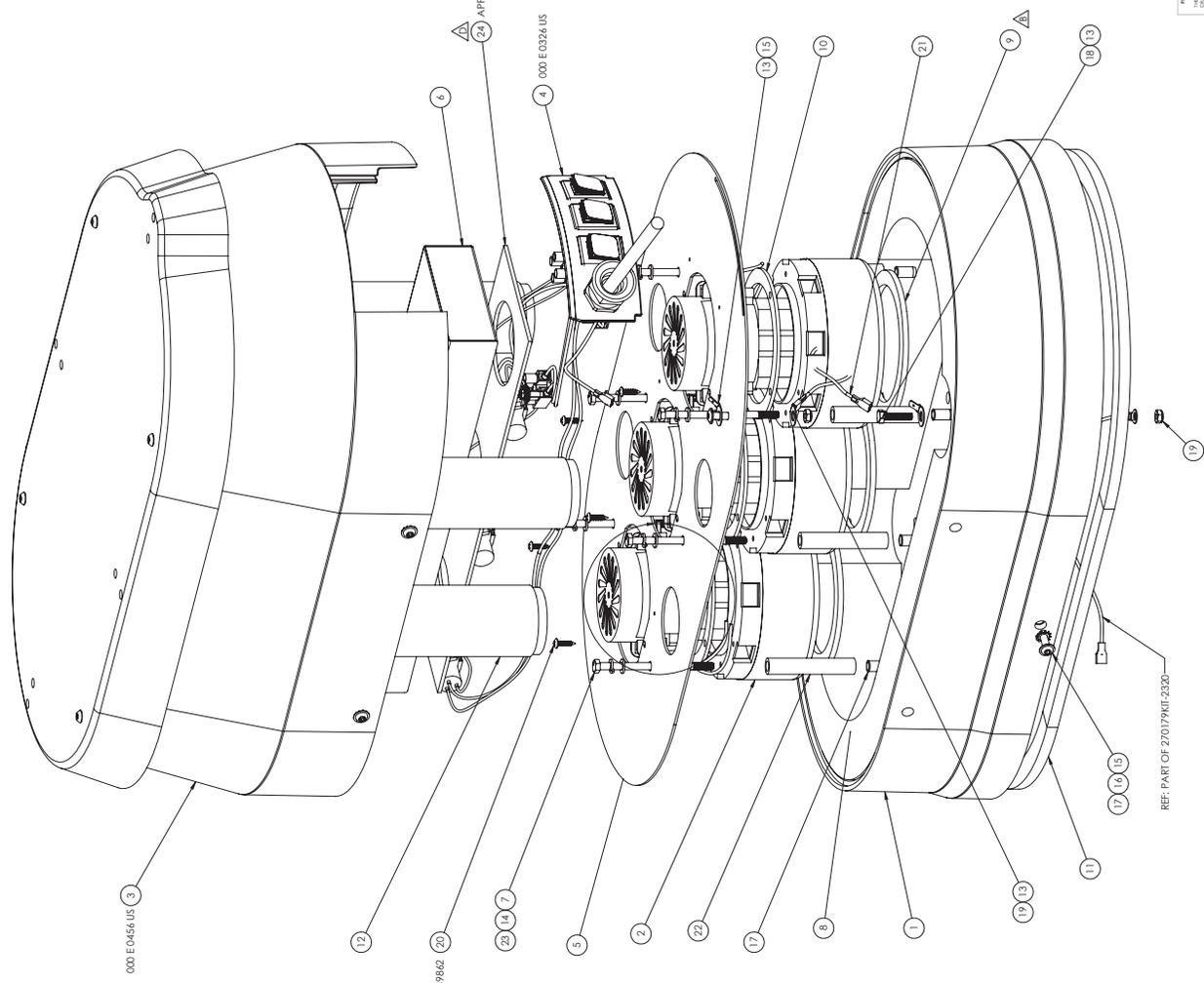
FOR PARTS AND COMMENTS
 SEE DRAWING 000 E0326 US
 THIS DRAWING IS THE PROPERTY OF
 HONEYWELL INTERNATIONAL INC.
 IT IS NOT TO BE REPRODUCED OR
 TRANSMITTED IN ANY FORM OR BY
 ANY MEANS, ELECTRONIC OR MECHANICAL,
 INCLUDING PHOTOCOPYING, RECORDING,
 OR BY ANY INFORMATION STORAGE AND
 RETRIEVAL SYSTEM, WITHOUT THE
 WRITTEN PERMISSION OF HONEYWELL
 INTERNATIONAL INC.

#3498605 PVC EXHAUST TUBE
INSIDE UP

ZONE	REV.	DESCRIPTION	DATE	APPROVED
A	ECO 1545 ADDED ASSEMBLY 2200S 18 AND UPWARD PART NUMBER E3C0326US	11/27/2018	DB	
A.3	ECO 1545 CHANGED GASKET 2200S 18 FOR 3247	12/19/2018	JFF	
C	NOTE ADDED FOR MOTOR REPLACEMENT BRUSHES	1/6/2019	DB	
C.3	ECO 1645 REPLACED MAF ECO GASKET	7/25/2019	DB	

APPLY GENEROUS AMOUNT OF SILICONE
USE FINGER TO WIPE SMOOTH AFTER INSTALLATION

QTY (2) ARE USED TO SECURE # 116549 TO #349892



THIS MOTORDECK BEGAN SHIPPING WITH
SERIAL NO. 18111829. ALL WS2320 240V
MOTORDECKS BUILT AFTERWARDS WILL
USE THIS SAME CONSTRUCTION.

REPLACEMENT BRUSHES
ELECTRIC: 33327
AMERIC: 3226

DETAIL A
SCALE 1:1

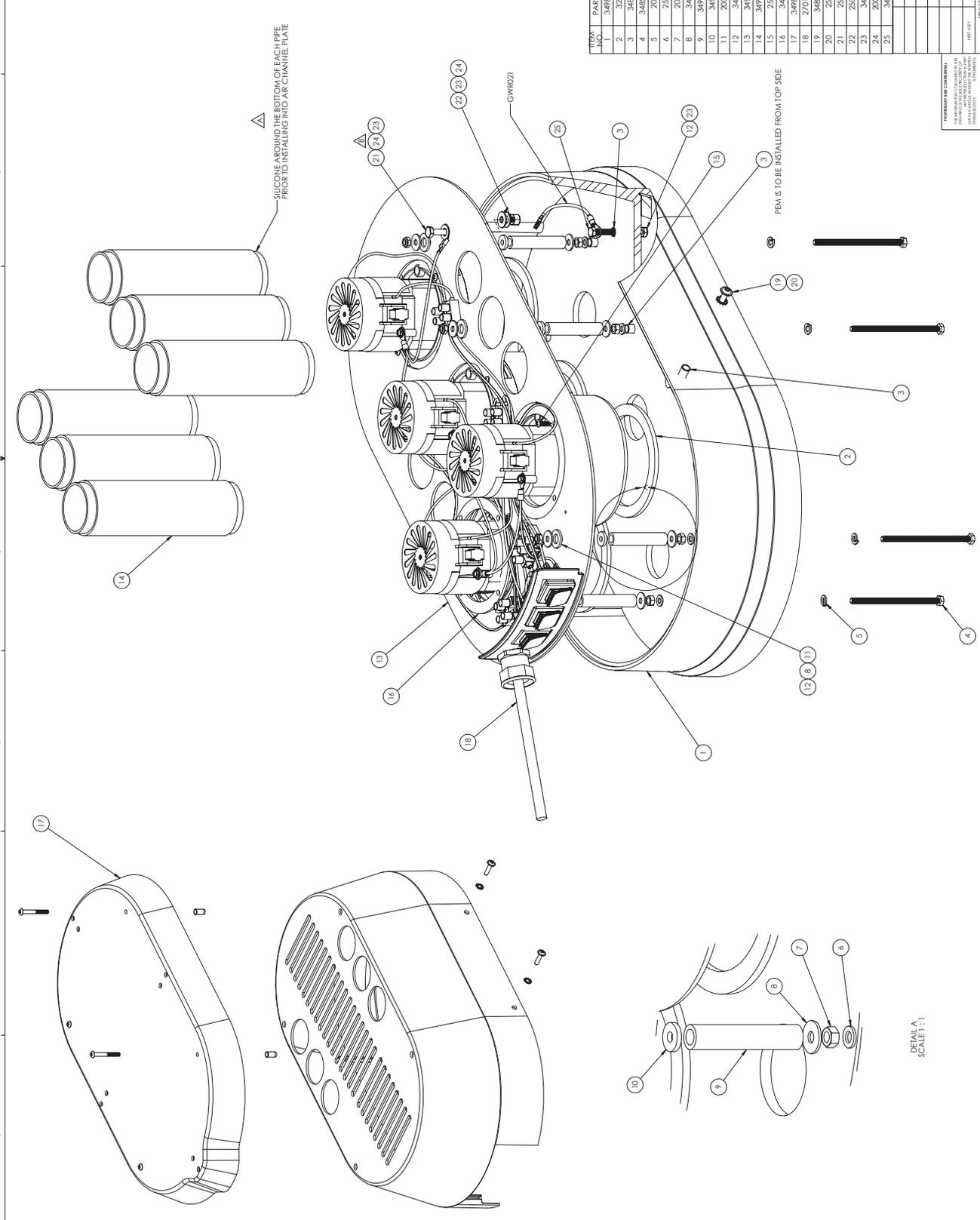
REF: PART OF 27017KCI-2320

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	34983002	WS MOTOR DECK, 3 HOLES, RED	1
2	116549-13	MOTOR, 23 STAGE, 1200W, 240V	3
3	3498333A	SILENCER HOOD ASM, COOL AIR INTAKE	1
4	PH27071A.3	WS 3 MOTOR SWICH ASM, 220V	1
5	349863	AIR CHANNEL PLATE, 3 MOTOR, TOP EXHAUST	1
6	349866	COOLING MANIFOLD, BOTTOM WELDMENT	1
7	329209	MAX 100 PARTIAL THREAD, ZINC	6
8	34984	SILENCER FOAM, WZ, LOWER	1
9	329267	MOTOR HEAD GASKET	3
10	34918	GASKET, 100MM INLET	3
11	32934002	GASKET, .375IN X .75IN, 63IN LG	1
12	3498605	PVC EXHAUST	4
13	34998	GROUND CONNECTOR	3
14	25067	WASHER FLAT M6	6
15	34817	SCREW US SOC HD M6 X 20	3
16	25000	WASHER EXT STAR 25IN	2
17	34817A	M6 BLIND FEM	9
18	34854	BOLT, HEX, M6-25	1
19	34876	MS LOCK NUT	2
20	23064	SCREW FILE PH #8 X 5/8 ZINC	6
21	GW6016	GROUND CONNECTION, FIGHT TERMINALS	1
22	3498607	SPACER, PVC, WS2320RD, LOWER	6
23	349870	SPACER, PVC, WS2320, LOWER	6
24	349870	GASKET FOR 349866 MANIFOLD	1

DATE	BY	CHKD	APPV	REV
11/27/18	J.F.			1
				2
				3
				4
				5
				6
				7
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				21
				22
				23
				24

116549A01
SCALE: 1:2 (MECH)
REV D
000 E 0467 US
SHEET 1 OF 1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
C3	A	ECO (M&S) SEE REV. SYMBOL	5/24/2019	DB
C3	B	ECO (M&S) ADDED BLIND FOR NEW STYLE OF MOTOR GROUNDING	7/1/2019	DB



ITEM NO.	PART NO.	DESCRIPTION	QTY.	DRAWING NO.
1	3498307	WS MOTOR DECK, 4 HOLES, RED	1	
2	32947	MOTOR HEAD GASKET	4	
3	34817A	M4 BLIND PEM	11	
4	3485431S	BOLT/HEX/M6.10MM/SS FULLY THREADED	6	
5	20039	WASHER LOCK M6	6	
6	25047	WASHER FLAT M6	6	
7	20040	NUT HEX M6	6	
8	34819	WASHER FENDER M6	12	
9	3498408	SPACER, PVC, LOWER, PATRIOT	6	
10	349791	WASHER, RUBBER, .500D X .25ID X .09	6	
11	200187	WASHER, FLAT, 3/8, SS	6	
12	34876	M6 LOCK NUT	7	
13	349844	AIR CHANNEL PLATE, 4 MOTOR, TOP EXHAUST	1	000 R 0498 US
14	3498605	PVC EXHAUST	6	
15	25044	SCREW PHL #8 X 5/8 ZINC	8	
16	34918	GASKET, 100MM INLET	4	
17	3498033B	SILENCER HOOD ASM, PATRIOT	1	
18	2701744	PATRIOT SWITCH ASM	1	
19	3481701	SCREW, SOZ BH, FLANGED, M6-25	2	
20	20000	WASHER EXT STAR, ZSN	2	
21	20005	HEX BOLT 1/4-20 X 3/4"	1	
22	20025	NUT LOCK, .25-20, ZINC	1	
23	34996	GROUND CONNECTOR	3	
24	20100	WASHER FLAT, Z31680DU SS	2	
25	34854	WASHER FLAT, HEX, M6, ZN	1	
26	34854	WASHER FLAT, HEX, M6, ZN	1	

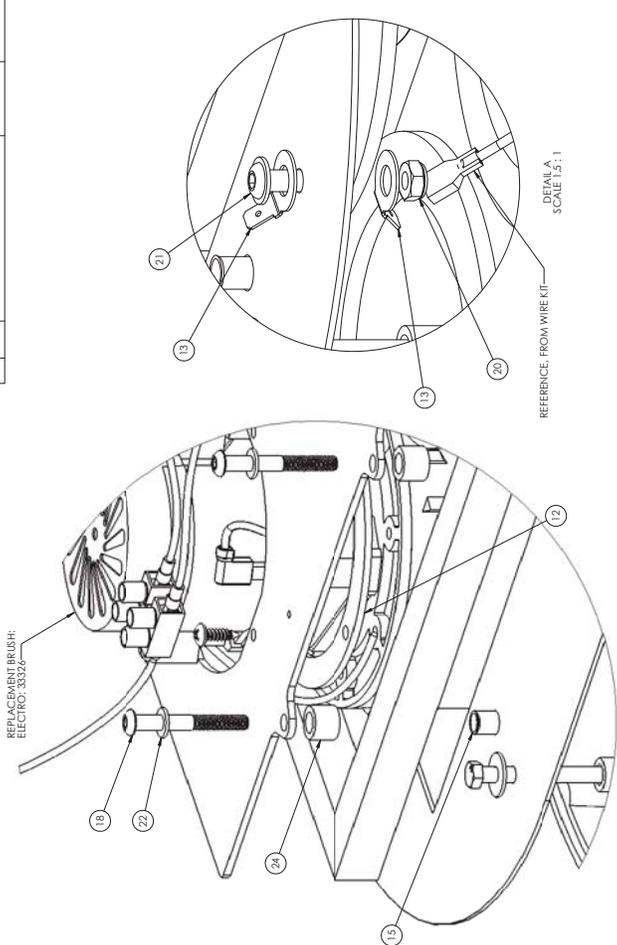
FOR PARTS AND COMMENTS SEE PARTS MANUAL FOR PATRIOT MOTOR DECK, 4 MOTORS, 220V. PART NO. 116549801. SCALE: 1/4" = 1" (NATURAL SIZE).

DATE	05/24/2019	SCALE	1/4" = 1" (NATURAL SIZE)
DESIGNED BY	DB	REVISED BY	DB
CHECKED BY	DB	DATE	05/24/2019
APPROVED BY	DB	DATE	05/24/2019

SIZE DWG. NO. 000 E 0485 US
REV. B
SCALE: 1/4" = 1" (NATURAL SIZE)
SHEET 1 OF 1

REVISES

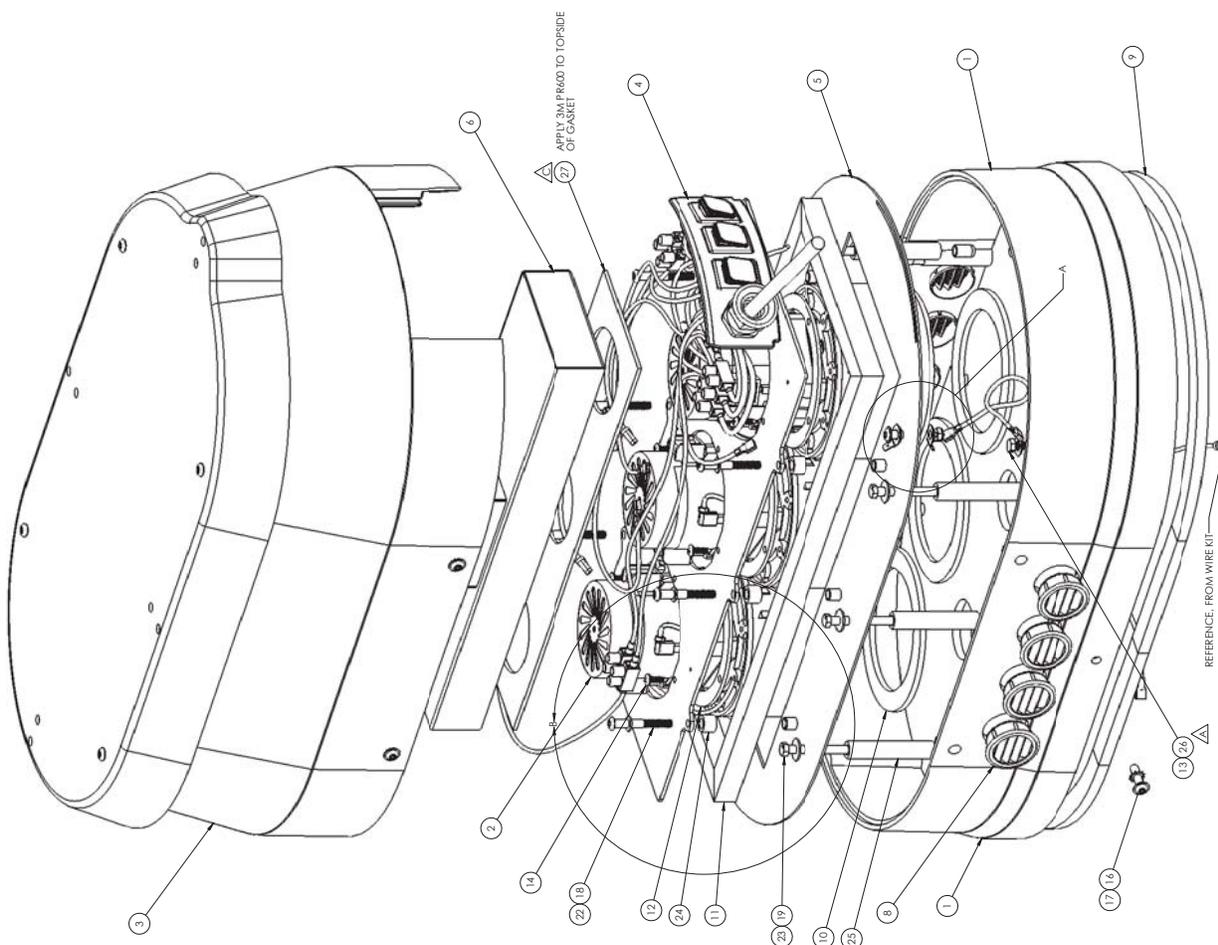
ZONE	REV.	DESCRIPTION	DATE	APPROVED
A7	A	ECO 184 GROUNDING BOLT CHANGE	7/13/2018	JIF
B	B	NOTE ADDED FOR MOTOR REPLACEMENT BRUSH	1/8/2019	DB
C5	C	ECO 165-REPLACED MAIN OLD GASKET	9/16/2019	DB



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	34983005	WS MOTORDECK, 3AIR, SIDE VENTS, HIGH LIFT	1
2	116550	MOTOR, 220V, 100CFM, 1.50N/H20	3
3	3498033A	SILENCER HOOD ASM, COOL AIR INTAKE	1
4	27017LA5	WIRE ASM, HIGH LIFT, COOLING	1
5	3498604	AIR CHANNEL PLATE, HD, 3 MOTOR, COOLING	1
6	3498864	COOLING MANIFOLD, BOTTOM WELDMENT	1
7	3498603	AIR SEPARATION PLATE, HIGH LIFT	1
8	972084	VENT CAP, 1.5IN	8
9	32934002	GASKET, .375IN X .75IN, 63IN LG	1
10	2509828	MOTOR HEAD GASKET	3
11	3294201	GASKET, .75 X .75, EPDM, .54 IN	1
12	34918	GASKET, 1.00MM INLET	3
13	34998	GROUND CONNECTOR	3
14	27006	SCREW, PH, PHIL, #10 X .65 ZINC	6
15	34817A	M6 BIND PRM	14
16	3481701	SCREW, SOC BH, FLANGED, M6-25	2
17	25000	SCREW, M6 X .50, BUTTION HEAD	2
18	32905	SCREW, M6 X 100, PARTIAL THREAD, ZINC	6
19	32909	M6 X 100, PARTIAL THREAD, ZINC	6
20	34876	M6 LOCK NUT	2
21	34817	SCREW, US3 SOC, HD, M6 X 20	1
22	25067	WASHER TAT M6	6
23	34819	WASHER TENDER M6	6
24	3498606	SPACER PVC, WS2330HD, UPPER	6
25	34867	SPACER PVC, WS2330HD, LOWER	6
26	34854	EOL, M6 X .65, ZINC	1
27	349870	GASKET FOR 3498606 MANIFOLD	1

DETAIL B
SCALE: 1:1

THIS MOTORDECK BEGAN SHIPPING WITH SERIAL# 18071175. ALL HD MDECKS SHIPPED AFTER USE THIS CONSTRUCTION.



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	34983005	WS MOTORDECK, 3AIR, SIDE VENTS, HIGH LIFT	1
2	116550	MOTOR, 220V, 100CFM, 1.50N/H20	3
3	3498033A	SILENCER HOOD ASM, COOL AIR INTAKE	1
4	27017LA5	WIRE ASM, HIGH LIFT, COOLING	1
5	3498604	AIR CHANNEL PLATE, HD, 3 MOTOR, COOLING	1
6	3498864	COOLING MANIFOLD, BOTTOM WELDMENT	1
7	3498603	AIR SEPARATION PLATE, HIGH LIFT	1
8	972084	VENT CAP, 1.5IN	8
9	32934002	GASKET, .375IN X .75IN, 63IN LG	1
10	2509828	MOTOR HEAD GASKET	3
11	3294201	GASKET, .75 X .75, EPDM, .54 IN	1
12	34918	GASKET, 1.00MM INLET	3
13	34998	GROUND CONNECTOR	3
14	27006	SCREW, PH, PHIL, #10 X .65 ZINC	6
15	34817A	M6 BIND PRM	14
16	3481701	SCREW, SOC BH, FLANGED, M6-25	2
17	25000	SCREW, M6 X .50, BUTTION HEAD	2
18	32905	SCREW, M6 X 100, PARTIAL THREAD, ZINC	6
19	32909	M6 X 100, PARTIAL THREAD, ZINC	6
20	34876	M6 LOCK NUT	2
21	34817	SCREW, US3 SOC, HD, M6 X 20	1
22	25067	WASHER TAT M6	6
23	34819	WASHER TENDER M6	6
24	3498606	SPACER PVC, WS2330HD, UPPER	6
25	34867	SPACER PVC, WS2330HD, LOWER	6
26	34854	EOL, M6 X .65, ZINC	1
27	349870	GASKET FOR 3498606 MANIFOLD	1

DETAIL A
SCALE: 1.5: 1

THIS MOTORDECK BEGAN SHIPPING WITH SERIAL# 18071175. ALL HD MDECKS SHIPPED AFTER USE THIS CONSTRUCTION.



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	34983005	WS MOTORDECK, 3AIR, SIDE VENTS, HIGH LIFT	1
2	116550	MOTOR, 220V, 100CFM, 1.50N/H20	3
3	3498033A	SILENCER HOOD ASM, COOL AIR INTAKE	1
4	27017LA5	WIRE ASM, HIGH LIFT, COOLING	1
5	3498604	AIR CHANNEL PLATE, HD, 3 MOTOR, COOLING	1
6	3498864	COOLING MANIFOLD, BOTTOM WELDMENT	1
7	3498603	AIR SEPARATION PLATE, HIGH LIFT	1
8	972084	VENT CAP, 1.5IN	8
9	32934002	GASKET, .375IN X .75IN, 63IN LG	1
10	2509828	MOTOR HEAD GASKET	3
11	3294201	GASKET, .75 X .75, EPDM, .54 IN	1
12	34918	GASKET, 1.00MM INLET	3
13	34998	GROUND CONNECTOR	3
14	27006	SCREW, PH, PHIL, #10 X .65 ZINC	6
15	34817A	M6 BIND PRM	14
16	3481701	SCREW, SOC BH, FLANGED, M6-25	2
17	25000	SCREW, M6 X .50, BUTTION HEAD	2
18	32905	SCREW, M6 X 100, PARTIAL THREAD, ZINC	6
19	32909	M6 X 100, PARTIAL THREAD, ZINC	6
20	34876	M6 LOCK NUT	2
21	34817	SCREW, US3 SOC, HD, M6 X 20	1
22	25067	WASHER TAT M6	6
23	34819	WASHER TENDER M6	6
24	3498606	SPACER PVC, WS2330HD, UPPER	6
25	34867	SPACER PVC, WS2330HD, LOWER	6
26	34854	EOL, M6 X .65, ZINC	1
27	349870	GASKET FOR 3498606 MANIFOLD	1

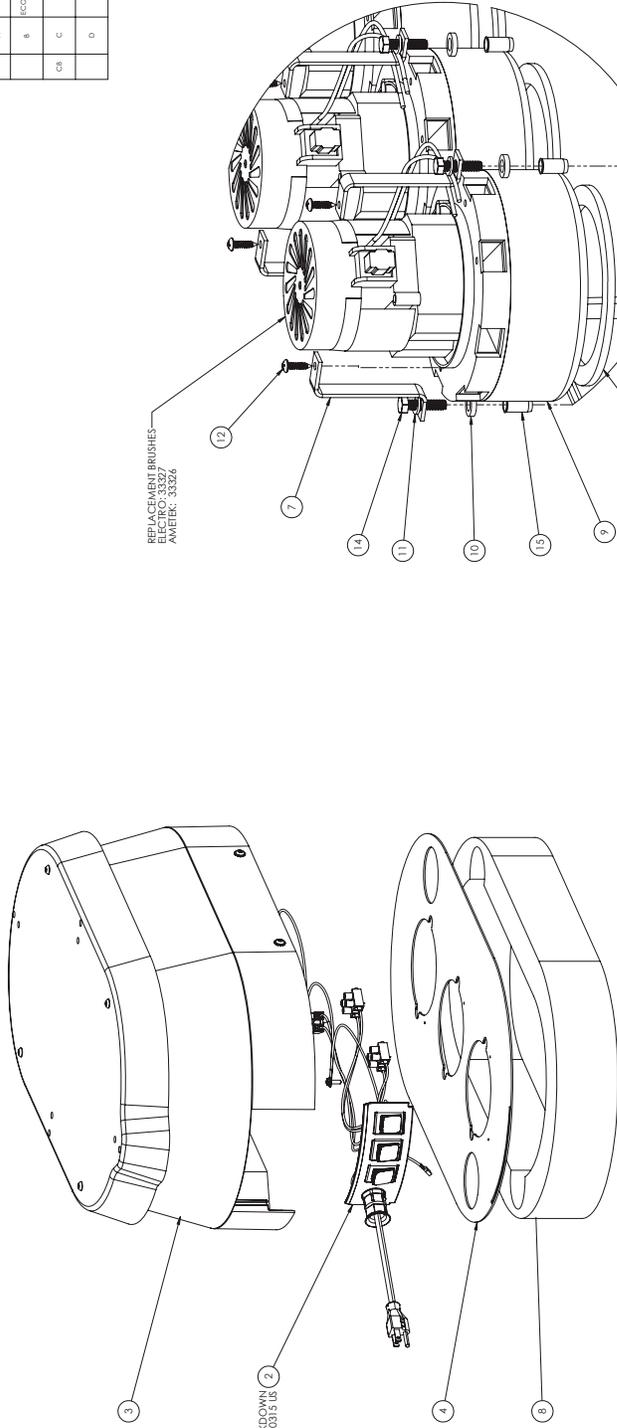
DETAIL B
SCALE: 1:1

THIS MOTORDECK BEGAN SHIPPING WITH SERIAL# 18071175. ALL HD MDECKS SHIPPED AFTER USE THIS CONSTRUCTION.



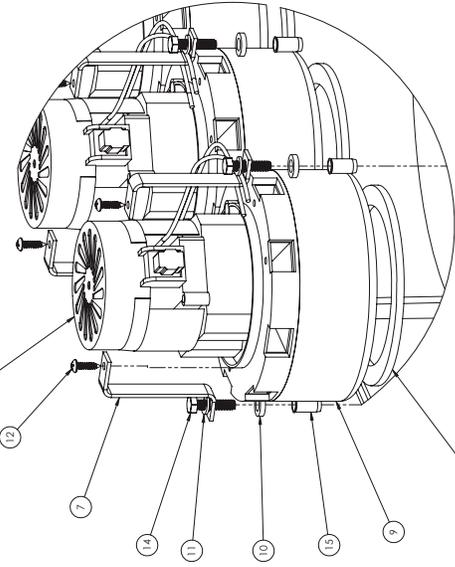
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	34983005	WS MOTORDECK, 3AIR, SIDE VENTS, HIGH LIFT	1
2	116550	MOTOR, 220V, 100CFM, 1.50N/H20	3
3	3498033A	SILENCER HOOD ASM, COOL AIR INTAKE	1
4	27017LA5	WIRE ASM, HIGH LIFT, COOLING	1
5	3498604	AIR CHANNEL PLATE, HD, 3 MOTOR, COOLING	1
6	3498864	COOLING MANIFOLD, BOTTOM WELDMENT	1
7	3498603	AIR SEPARATION PLATE, HIGH LIFT	1
8	972084	VENT CAP, 1.5IN	8
9	32934002	GASKET, .375IN X .75IN, 63IN LG	1
10	2509828	MOTOR HEAD GASKET	3
11	3294201	GASKET, .75 X .75, EPDM, .54 IN	1
12	34918	GASKET, 1.00MM INLET	3
13	34998	GROUND CONNECTOR	3
14	27006	SCREW, PH, PHIL, #10 X .65 ZINC	6
15	34817A	M6 BIND PRM	14
16	3481701	SCREW, SOC BH, FLANGED, M6-25	2
17	25000	SCREW, M6 X .50, BUTTION HEAD	2
18	32905	SCREW, M6 X 100, PARTIAL THREAD, ZINC	6
19	32909	M6 X 100, PARTIAL THREAD, ZINC	6
20	34876	M6 LOCK NUT	2
21	34817	SCREW, US3 SOC, HD, M6 X 20	1
22	25067	WASHER TAT M6	6
23	34819	WASHER TENDER M6	6
24	3498606	SPACER PVC, WS2330HD, UPPER	6
25	34867	SPACER PVC, WS2330HD, LOWER	6
26	34854	EOL, M6 X .65, ZINC	1
27	349870	GASKET FOR 3498606 MANIFOLD	1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ECO 1005-RELEASED REV A	4/14/2016	DJE
	B	ECO 1005-ADDED MOTOR BRUSH MORE CONTACTS	9/19/2017	DJE
	C	NO ECO ADDED MORE	10/26/2017	DJE
	D	ECO 1445-CHANGED MOTOR CORES	12/12/2017	DJE

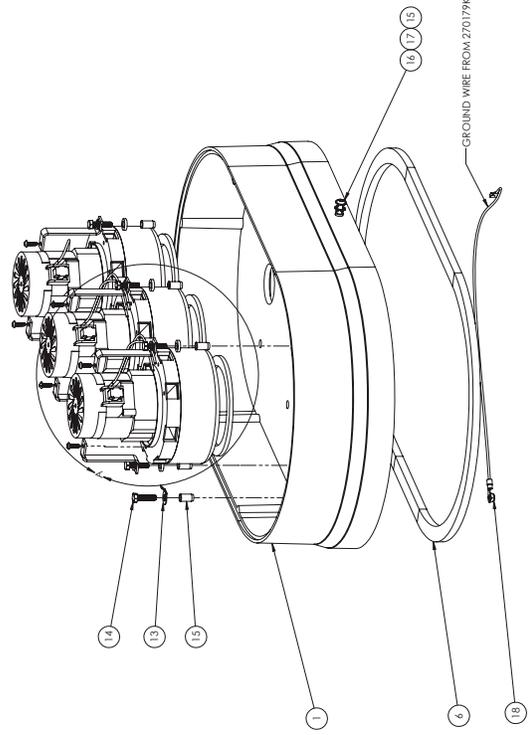


FOR WIRE SWITCH BREAK DOWN
SEE DRAWING 0015 US

REPLACEMENT BRUSHES
REPLACEMENT AMMETER
AMMETER: 33326



DETAIL A
SCALE 2:3



GROUND WIRE FROM 270179KIT-2320

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	3495002	WS MOTOR DECK, 3 HOLES, RED	1
2	27017A3	WS 3 MOTOR SWITCH ASM, 120V	1
3	PH34950ARG	WS SILENCER ASM	1
4	34956	AIR CHANNEL PLATE, 3 MOTOR, METAL	1
5	32947	MOTOR HEAD GASKET	3
6	32946002	GASKET, .375IN X .75IN, 6SIN LG	1
7	34826	MOTOR HOLD DOWN BRACKET	6
8	34984	SILENCER FOAM, W2, LOWER	1
9	119514	MOTOR, 231AGE, PD 800W, 120V	3
10	200432	INTON WASHER/SPACER	6
11	20039	WASHER LOCK W/6	6
12	20064	SCREW PHIL #8 X 3/8 ZINC	6
13	34928	GROUND CONNECTOR	1
14	34854	BOLT, HEX, M6-25	7
15	34817A	M6 BUND FEEL	9
16	3481701	SCREW, SOC BOLT LONGER, M6-25	2
17	20020	WASHER LOCK W/6, ZIN	2
18	34826	MOTOR HOLD DOWN BRACKET	1

DATE	BY	CHKD	APP'D	TITLE
				WS2320 MOTOR DECK ASM, 3MTR, RED
				SCALE: 1/8" = 1"

119514A
D 000-E 0317 US
SCALE: 1/8" = 1"

WS2320 MOTOR DECK ASM,
3MTR, RED

119514A

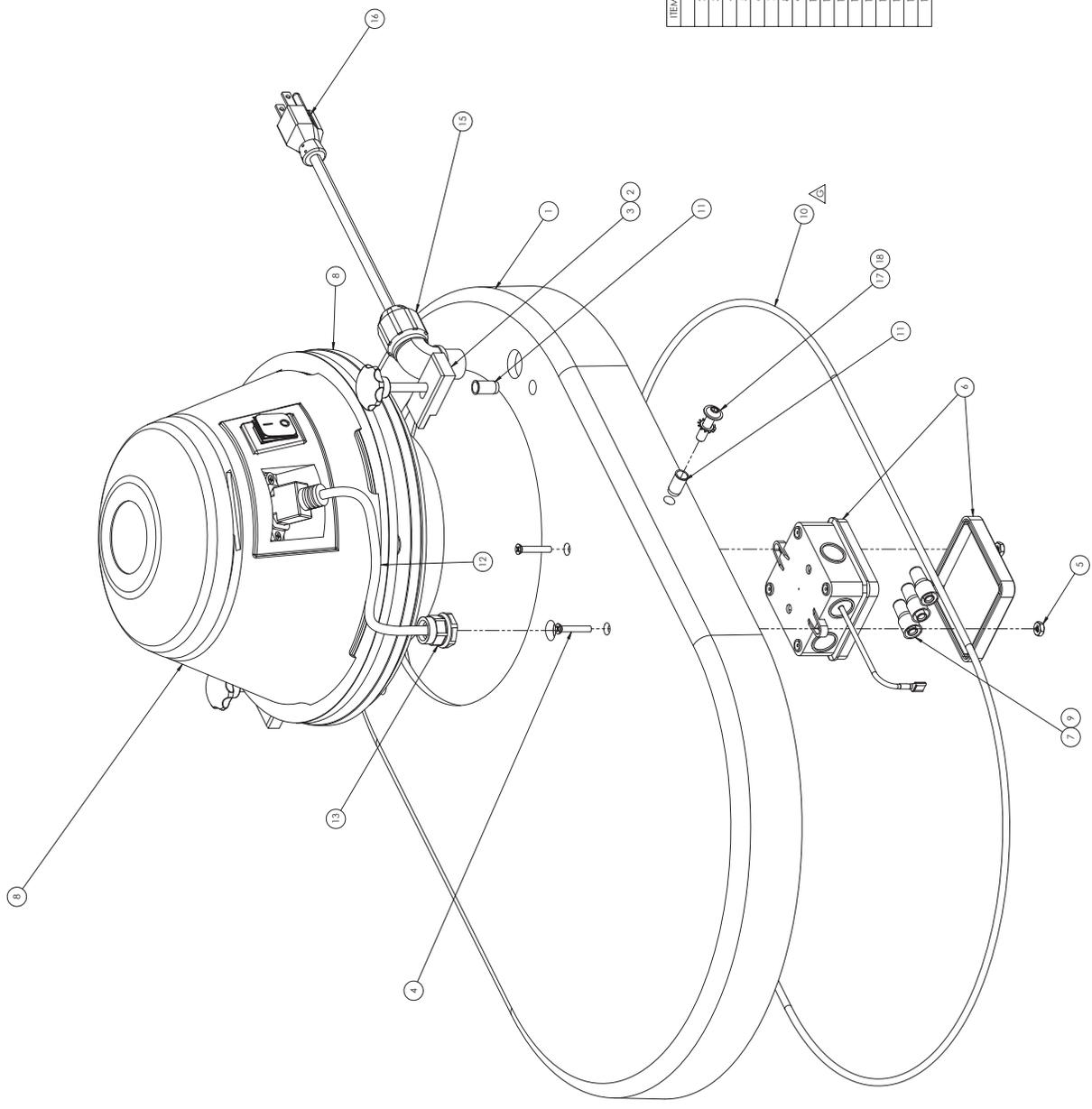
D 000-E 0317 US

SCALE: 1/8" = 1"

SHEET 1 OF 1

DATE	DESCRIPTION	DATE	APPROVED
7/25/14	ECO 1240 UPDATED HW	7/25/14	DJE
5/12/08B	ECO 1475 CABINET CALLOUT	5/12/08B	JIF
7/25/03F	ECO 1423 ADDING NOISE	7/25/03F	JIF

⚠ BEGINNING WITH SERIAL NO. 19071027
 ALL WNS1000 (33120/33120DB) UNITS WILL
 NO LONGER BE USING THIS MOTORDECK ASM.
 PLEASE SEE MDECK ASM 90223WNS-1B.



ITEM NO.	PART NO.	DESCRIPTION	DRAWING NO.	QTY.
1	90223WNS-1	MOTOR DECK, RED WNS, 1 MOTOR		1
2	24603	M6 MOTOR HOLD DOWN KNOB		2
3	20280	MOTOR HOLD DOWN BRACKET		2
4	20501	SCREW, PHENOLIC, #2-32, 1IN LG		2
5	20549	WIRE NUT, 1/2IN		2
6	32992	INSTRUCTION BOOK, GREY		1
7	21092	WIRE NUT, GAS EX, CRIMP ON		3
8	27000A	MOTOR HEAD ASM, 120V		1
9	21092-1	INSULATOR, GAS EX BRASS, CRIMP ON		3
10	31374002	GASKET, NEOPRENE, 188", 5.4FT LG		1
11	34817A	M6 BIND FEM		4
12	25210	FEMALE IEC PLUG		1
13	34760	PG 09 CABLE GRIP, POLY		1
14	27017KIT-WNS	GROUND, PART OF WIRE KIT FOR WNS		1
15	34761	STRAIN RELIEF, 90°, 5IN, BLACK		1
16	2005531	POWER CORD, 12/3 SJO, MOLDED PLUG		1
17	3481701	SCREW, SOC BH, FLANGED, M6-25		2
18	25000	WASHER EXT STAR, .25IN		2

DATE	NAME	DATE	NAME
6/20/14		6/20/14	SA Winifred St Holyoak, Mo. 63040

TITLE: WNS 1000 MOTOR DECK ASM

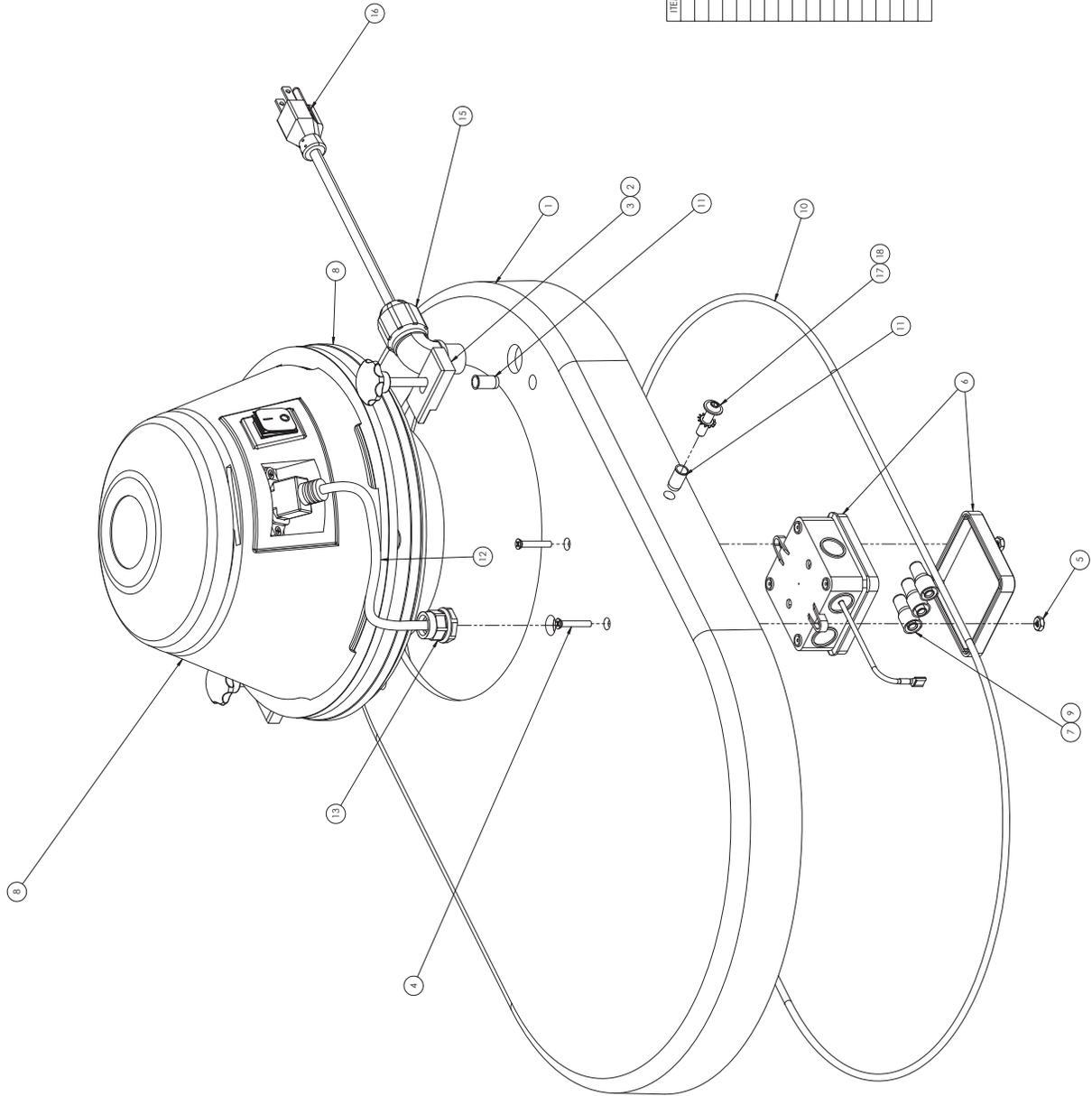
SCALE: 2:3 (MAGNIFIED)

SIZE: DWGS. NO. 90223WNS-1 A
 D E O 136 US
 H

REVISIONS: SHEET 1 OF 1

FOR PARTS AND COMMENTS
 SEE PARTS MANUAL OR CONTACT
 THE MANUFACTURER FOR
 ASSISTANCE WITH IDENTIFYING
 PARTS AND REVISIONS
 (SEE PARTS LIST FOR
 PARTS LISTING)

BEGINNING WITH SERIAL NO. 19071027
 ALL WNS1000 (33120/33120DB) UNITS WILL
 BE USING THIS MOTORDECK ASM.



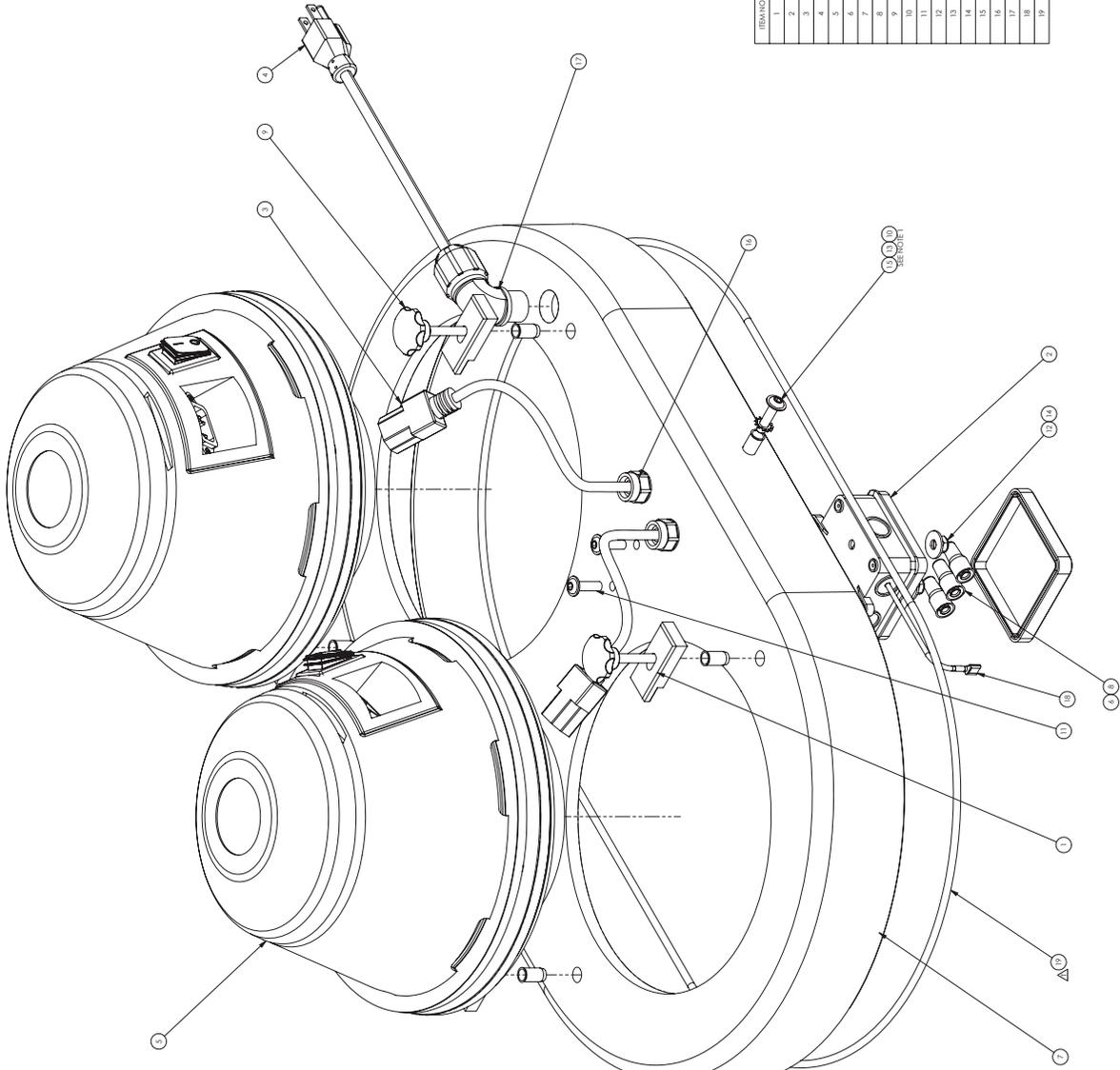
ITEM NO.	PART NO.	DESCRIPTION	DRAWING NO.	QTY.
1	90223WNS-1	MOTOR DECK, RED WNS, 1 MOTOR		1
2	24603	M6 MOTOR HOLD DOWN KNOB		2
3	20280	MOTOR HOLD DOWN BRACKET		2
4	20281	SCREW, PHENOLIC, #2-32, 1IN LG		2
5	20282	WASHER, 1/2IN DIA, 1/8IN THK		2
6	32992	MOTOR HOLD DOWN COVER		1
7	21092	WIRE NUT, GAS EX, CRIMP ON		3
8	20200B	MOTOR HEAD ASM, 120V		1
9	21092-1	INSULATOR, GAS EX BRASS, CRIMP ON		3
10	31374002	GASKET, NEOPRENE, 1.88", 5.4FT LG		1
11	34817A	M6 BIND FEM		4
12	25210	FEMALE IEC PLUG		1
13	34960	PG 09 CABLE GRIP, POLY		1
14	27017KIT-WNS	GROUND PART OF WIRE KIT FOR WNS		1
15	34961	STRAIN RELIEF, 90°, 5IN, BLACK		1
16	2005531	POWER CORD, 12/3 SJO, MOLDED PLUG		1
17	3481701	SCREW, SOC BH, FLANGED, M6-25		2
18	25000	WASHER EXT STAR, 25IN		2

DATE	BY	CHKD	DATE	BY	CHKD
02/07/04					
LABEL TO BE PRINTED OPERATOR'S NAME DRAWING NO. TITLE WNS 1000 MOTOR DECK ASM					
SIZE DWG. NO. REV D 000-E 0527 US SCALE: 2:1 (REG. CHG.)					

FOR PARTS OR COMMENTS
 CONTACT THE MANUFACTURER
 OR THE DISTRIBUTOR
 (SEE PARTS LIST FOR CONTACT INFORMATION)

NOTES:

1. DRILL HOLE IN HOUSING WITH AWAM BIT
 2. INSERT SCREW INTO CENTER HOUSING WITH SPACER BIT
 3. INSERT SCREW INTO CENTER HOUSING WITH SPACER BIT



REVISIONS

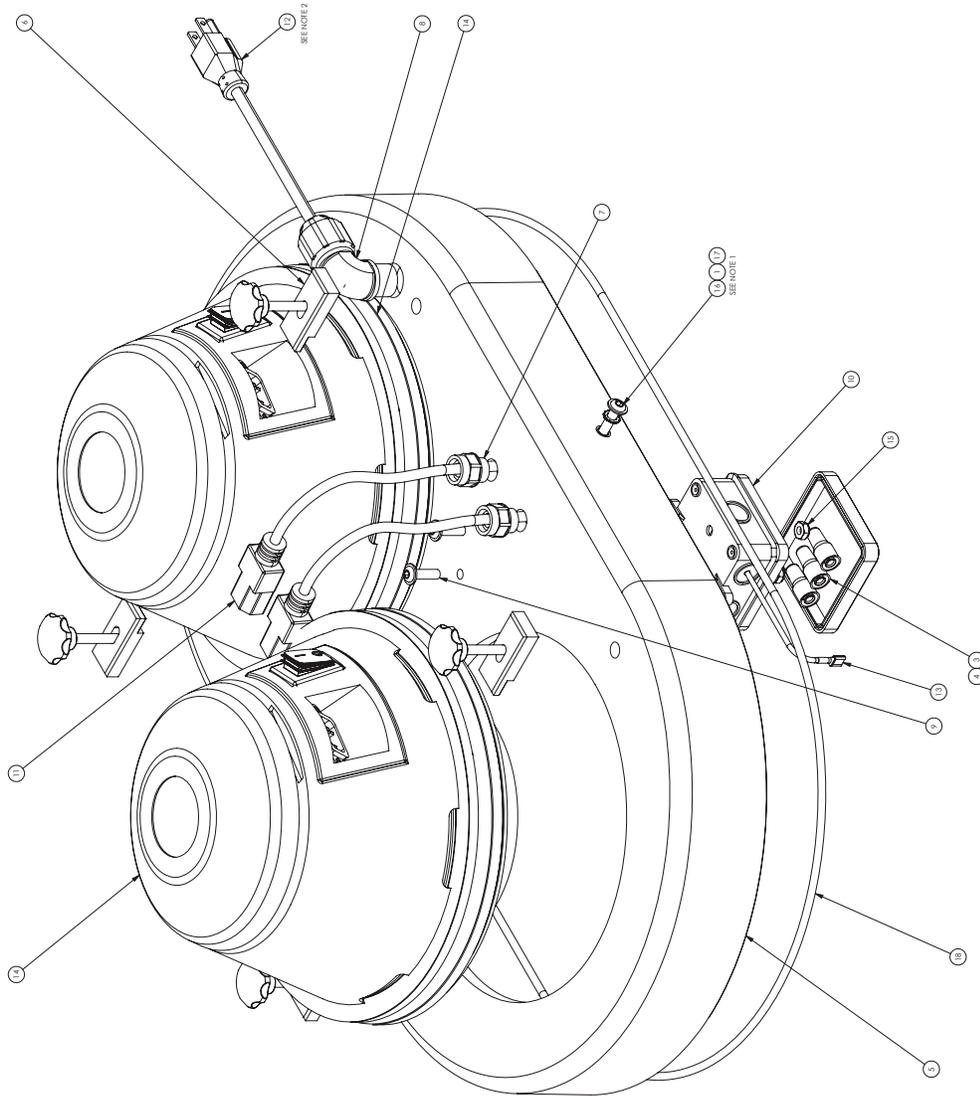
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	5	ECO 1277	10/04/16	DJIS
AJ	1	ECO 1435	5/12/2016	JJP

ITEM NO.	PART NO.	DESCRIPTION	DRAWING NO.	QTY.
1	20201	MOTOR HOLD-DOWN BRACKET		4
2	50999	JUNCTION BOX, GREY		1
3	20210	FEMALE EC PLUG		2
4	2005371	POWER CORD, 120 V, 3.0, UNCLE DUG		1
5	20010A	MOTOR HEAD ASSEMBLY, 110V, 1000 WATT		2
6	2109211	INSULATOR, GALV. BRASS		3
7	90229NS	DS1 MOTOR DECK		1
8	21092	WIRE NUT, GALV. CRIMP ON		3
9	20603	NS MOTOR HOLD-DOWN PIN		4
10	34617A	NS BIND PIN		6
11	34617	SCREW, USS, 1/8" DIA X 2.0		2
12	40018	WASHER, 1/8" DIA X 1.0		2
13	20018	WASHER, 1/8" DIA X 1.0		2
14	34619	WASHER, 1/8" DIA X 1.0		2
15	3461701	SCREW, USS, 1/8" DIA X 2.0, PLATED		2
16	34660	PCB CRIMP CABLE POLY		2
17	34661	SPRINKLER, 90, 3/4" BLACK		1
18	2017901NS	GROUND PART OF WIRE SET FOR WNS		1
19	3132602	GASMET, NSPBRN, 1.875, 5/8" LG		1

DATE	10/02/11	DATE	10/02/11
DESIGNED BY	SA WINTER SJ	DATE	10/02/11
DRAWN BY	HOLYOKE, MA, 01040	DATE	10/02/11
CHECKED BY		DATE	10/02/11
APPROVED BY		DATE	10/02/11
SCALE	1:1	SCALE	1:1
TITLE	WNS2220 MOTOR DECK	SCALE	1:1
REV	1	SCALE	1:1
REV	2	SCALE	1:1
REV	3	SCALE	1:1
REV	4	SCALE	1:1
REV	5	SCALE	1:1
REV	6	SCALE	1:1
REV	7	SCALE	1:1
REV	8	SCALE	1:1
REV	9	SCALE	1:1
REV	10	SCALE	1:1
REV	11	SCALE	1:1
REV	12	SCALE	1:1
REV	13	SCALE	1:1
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REV	43	SCALE	1:1
REV	44	SCALE	1:1
REV	45	SCALE	1:1
REV	46	SCALE	1:1
REV	47	SCALE	1:1
REV	48	SCALE	1:1
REV	49	SCALE	1:1
REV	50	SCALE	1:1

90229NSA
 WNS2220 MOTOR DECK
 ASM, 110V
 000 E 0310 US
 SCALE: 1:1 WEGE

- NOTES:
 REINSTALLATION INSTRUCTIONS
 1. DRILL INTO LOWER HOUSING W/ #4MM BIT
 2. INSERT FIBER INTO LOWER HOUSING W/ #4MM BIT
 3. INSERT FIBER INTO LOWER HOUSING W/ #4MM BIT
 4. REMOVE PLUG FOR 220V



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	5	ECO 1277	10/04/16	DHS
	1	ECO 1425-UPDATED GABINET CALLOUT	5/12/2016	JJP

PART NO.	DESCRIPTION	QTY.
34817A	M-BLIND PWA	2
24603	MA MOTOR HOLD DOWN KNOB	4
21092	WIRE NUT, GAS EX. CRAMP ON	3
21092-1	INSULATOR, GAS EX. BRASS	3
9022WNS	DS1 MOTOR DECK	1
20020	MOTOR HOLD DOWN BRACKET	4
34900	PG 9/ Cable Clip Polyamide	2
34901	Stop Retain, 90/90d, 1/2" Block	1
34817	MA02 Allen Head Screw	2
32999	Junction Box, Grey	1
25210	Female IEC Plug	2
2003531	Power Cord, 12/3 S/D, 3-Phase Plug (Removed by 220V)	1
201901WNS	Ground Part of Web Kit for WNS	1
2100242-00	220V MOTOR HEAD ASM	2
34817-01	MA Lock Nut, Zinc	2
34817-01	MA02 Allen Head Screw	2
25000	1/4" External Size Washer	2
3130002	Cable Kit, Round, 3/16 Dia	1

DATE	BY	DESCRIPTION
05/12/2016	JJP	ECO 1425-UPDATED GABINET CALLOUT
10/04/2016	DHS	ECO 1277

90223WNSA-220
 TITLE: WNS2220
 MOTORDECK, 220V

SIZE: DWG. NO. REV
 D 000 E 0029 US T
 SCALE: 1:3 WEGE: SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS
 FINISHES ARE AS SHOWN
 UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED

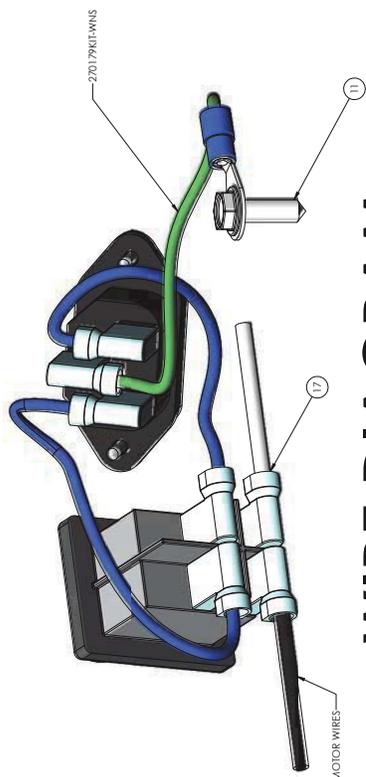
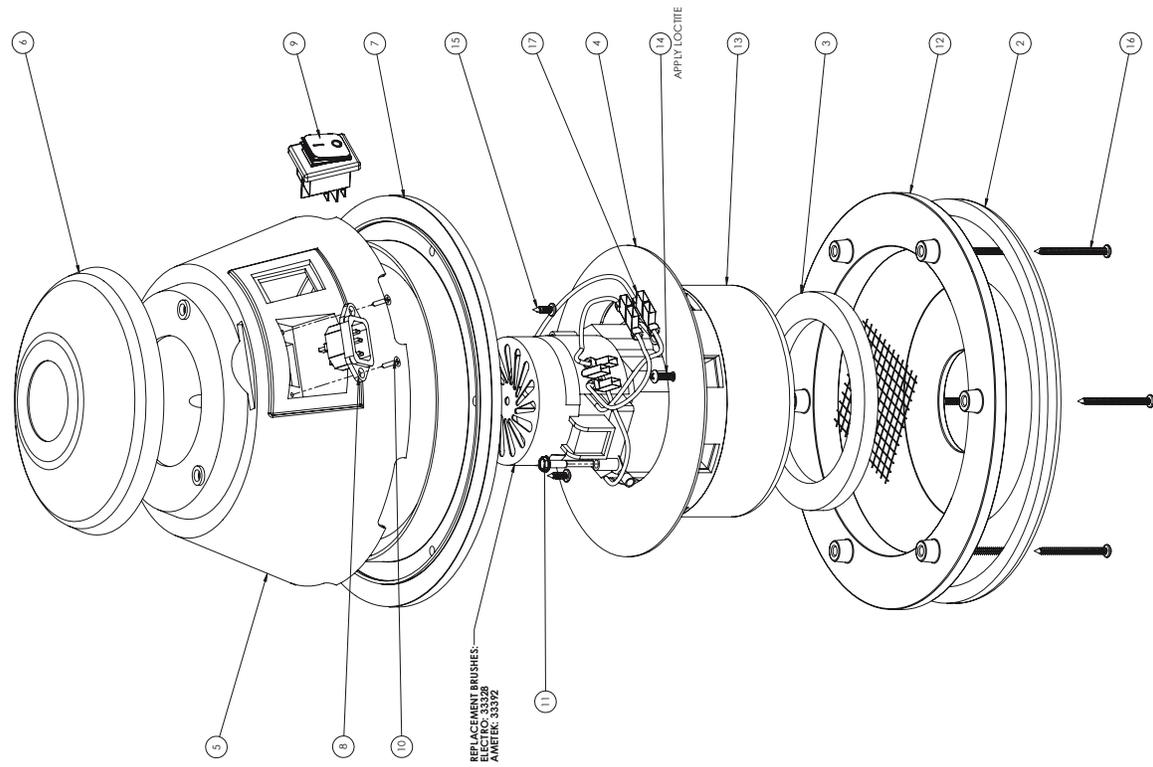
PROPERTY OF GENERAL ELECTRIC
 ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE
 DATE 05/12/2016 BY JJP

APPROVED FOR CONSTRUCTION
 DATE: 05/12/2016
 BY: JJP

APPROVED FOR CONSTRUCTION
 DATE: 10/04/2016
 BY: DHS

APPROVED FOR CONSTRUCTION
 DATE: 05/12/2016
 BY: JJP

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
C		NO ECCO ADDD REPLACEMENT BRUSH NOTIS	1/20/2017	DJE



REF: 27000 MOTOR WIRES

WIRE DIAGRAM

ITEM NO.	PART NO.	DESCRIPTION	DRAWING NO.	QTY.
1	8021	PROTECTION SCREEN, MOTOR HEAD		1
2	27004	MOTOR HEAD GASKET, WNS		1
3	2599811R	MOTOR HEAD GASKET		1
4	27007	SEPARATOR PLATE, WNS MOTOR HEAD		1
5	27014	MOTOR HOUSING, SINGLE MOTOR		1
6	27015	HOUSING COVER, SINGLE MOTOR		1
7	8004	SUPPORT RING, SINGLE MOTOR		1
8	25211	MALE IEC FLUG		1
9	27017	ROCKER SWITCH, 1000/7200W		1
10	27011	SCREW #6 X 0.5		2
11	32989	HEX WASHER/SCREW #10-16, .625LG		1
12	27001	MOTOR HEAD, ALUMINUM		1
13	27000	MOTOR, 2 STAGE, PD, 1200W, 120V		1
14	23064	SCREW PHIL #8 X .50 ZINC		2
15	27012	SCREW PHIL #8 X .50 ZINC		3
16	31213	TERMINAL WIRE, 16 GAUGE, BLUE		6
17	31213	TERMINAL WIRE, 16 GAUGE, BLUE		2
18	31265	TERMINAL, 3/16 RING, 16/14 GA, BLUE VINYL		1

DATE	DATE	DATE	DATE	DATE
1/20/16	1/20/16	1/20/16	1/20/16	1/20/16

SA Winter St.
Holyoke, MA 01040

TITLE: MOTOR HEAD ASM, 120V

SHEET DWG. NO. 000-E-0223 US

SCALE: 2:3 W/GECH.

REV. 27000A

REV. MOTOR HEAD ASM, 120V

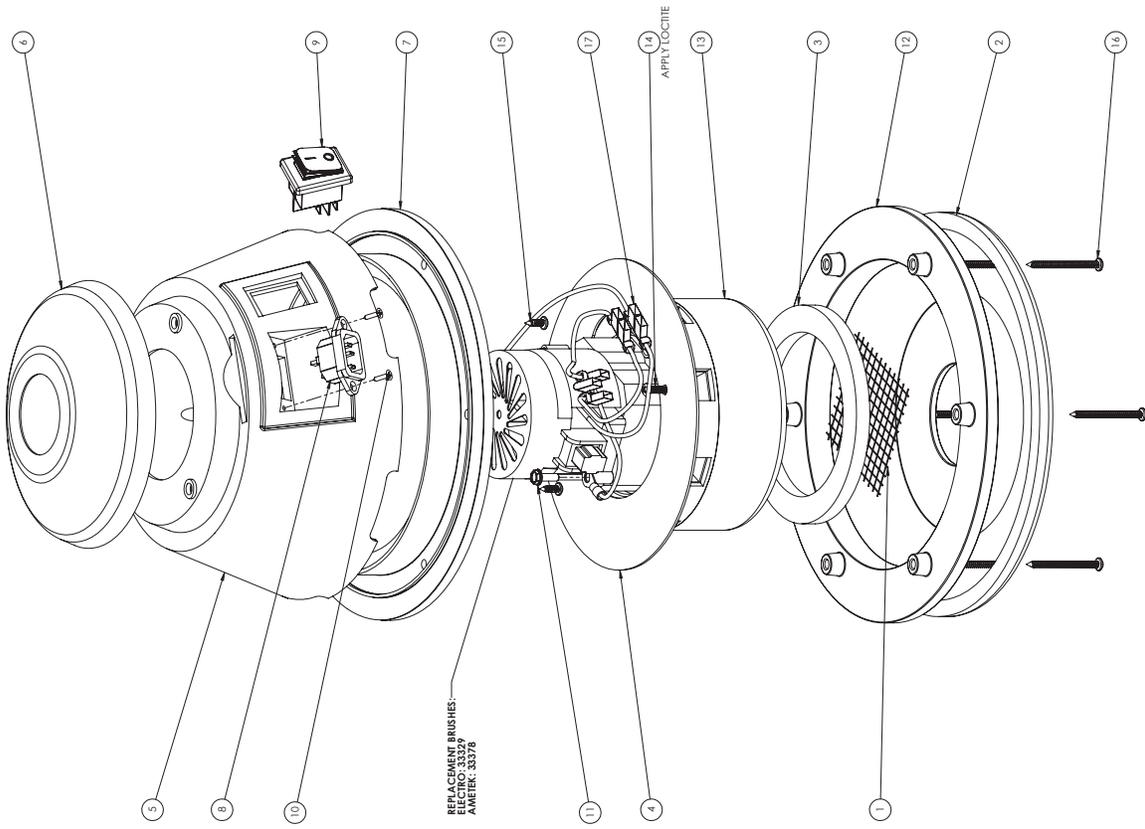
D 000-E-0223 US

C

SHEET 1 OF 1

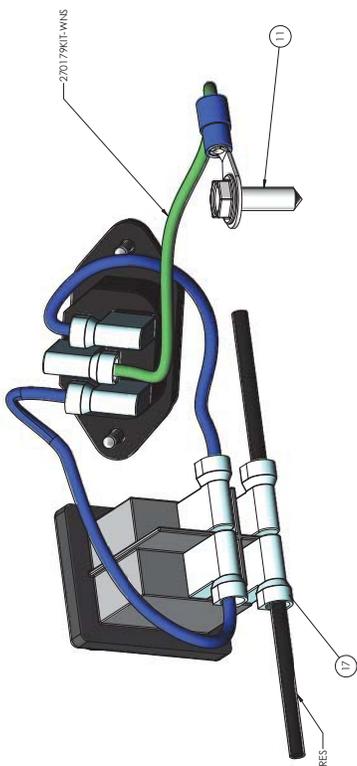
FOR PARTS AND COMMENTS
SEE PARTS AND COMMENTS
PAGE 10 OF 10

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
C	1	NO ECCO ADDD HOIE ABOUT REI ACZAMENT BUSIPES	19/03/17	DJE



BEA SCHEMÉ BRUSHES.
ELECTRO-33329
AMETER-33378

REF. 116549-13 MOTOR WIRES



WIRING DIAGRAM

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	8021	PROTECTION SCREEN, MOTOR HEAD	1
2	27004	MOTOR HEAD GASKET, WMS	1
3	2509811R	MOTOR HEAD GASKET	1
4	27007	SEPARATOR PLATE, WMS MOTOR HEAD	1
5	27014	MOTOR HOUSING, SINGLE MOTOR	1
6	27015	HOUSING COVER, SINGLE MOTOR	1
7	8004	SUPPORTING, SINGLE MOTOR	1
8	25211	MALE IEC PLUG	1
9	27017	ROCKER SWITCH, 1000/1200W	1
10	27011	SCREW, #6 X 0.5	2
11	32989	HEX WASHER TEX SCREW, #10 X 1.6, .625IG	1
12	27001	MOTOR HEAD, ALUMINUM	1
13	116849-13	MOTOR, 23 STAGE, 1200R, 240V	1
14	27005	SCREW, #10 X 1.6, .625 IG	2
15	27009	SCREW, #10 X 1.6, .625 IG	2
16	27009	SCREW, #10 X 1.6, .625 IG	2
17	31715	TERMINAL, 90 DEGREE, 16-14 GAUGE BLUE	2

DATE	DATE	TITLE
19/03/17	19/03/17	220V MOTOR HEAD ASM
		27000A-240
		SCALE: 2:3 WEGE:

IMPORTANT COMMENTS:
REPARATION COMPLETÉE PAR
L'ÉLECTRICIEN ET REVISÉE
PAR LE TECHNICIEN DE
MONTAGE. (REVISÉ PAR
L'ÉLECTRICIEN ET REVISÉ
PAR LE TECHNICIEN DE
MONTAGE.)

REVISIONS
REV. NO. 000 E 0222 US
SCALE: 2:3 WEGE:

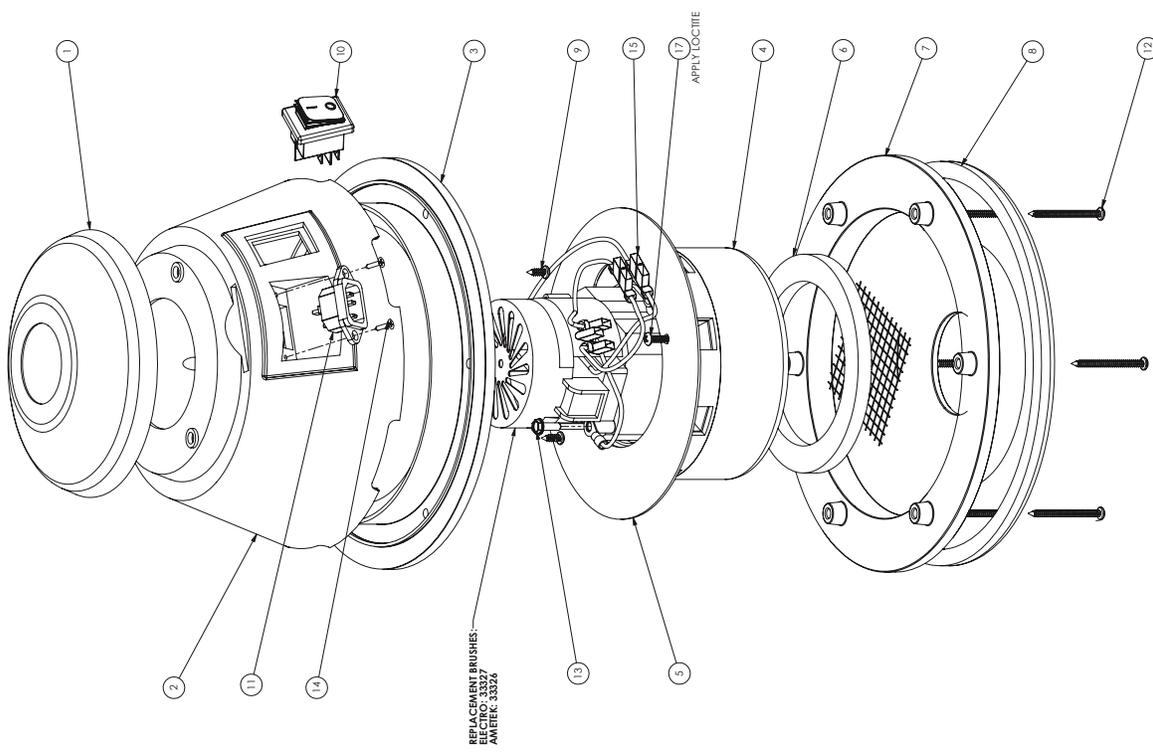
27000A-240

220V MOTOR HEAD ASM

SCALE: 2:3 WEGE:

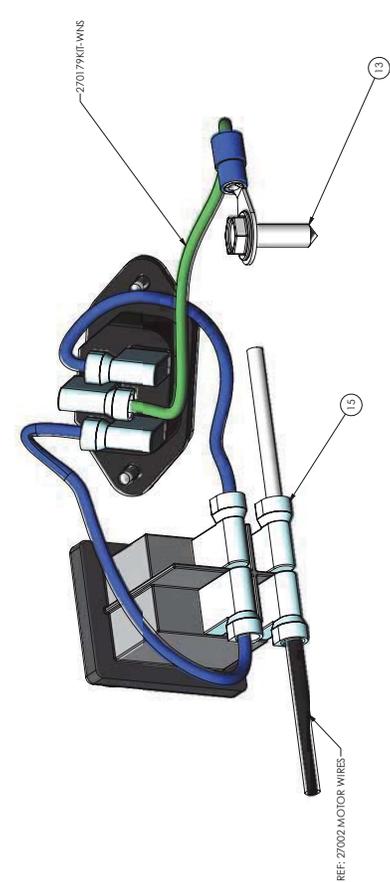
27000A-240

REVISIONS				
ION	REV.	DESCRIPTION	DATE	APPROVED
	C	NO ECCO-ADDITIVE ABOUT REPLACEMENT BRUSHES	1/20/2017	DJE



REPLACEMENT BRUSHES:
ELECTRO-33327
AMETEK-33326

APPLY LOCTITE



WIRE DIAGRAM

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	27015	HOUSING COVER, SINGLE MOTOR	1
2	27014	MOTOR HOUSING, SINGLE MOTOR	1
3	8004	SUPPORT RING, SINGLE MOTOR	1
4	27002	MOTOR, 2 STAGE, PD, 1000W, 120V	1
5	27007	SEPARATOR PLATE, WMS MOTOR HEAD	1
6	2509811R	MOTOR HEAD GASKET	1
7	27001	MOTOR HEAD, ALUMINIUM	1
8	27004	MOTOR HEAD GASKET, WMS	1
9	27012	SCREW PH #8 X .50 ZINC	3
10	27017	ROCKER SWITCH, 1000/1200W	1
11	25211	MALE IEC PLUG	1
12	27003	SCREW PH #10 X 2 ZINC	6
13	32989	HEX WASHER TBX SCREW, #10 X 1.6, .625LG	2
14	27011	SCREW #6 X .5	2
15	32715	TERMINAL TO SCREW, #6 GAUGE BLUE	2
16	2622	PROTECTIVE COVER FOR MOTOR HEAD	2
17	26044	SCREW PH #8 X 3/8 ZINC	2

DATE	ISSUE	BY	CHKD	APP'D	REV
01.11.2017	327079				1

DESIGNED BY: H. J. S. 327079
 DRAWN BY: H. J. S. 327079
 CHECKED BY: H. J. S. 327079
 TITLE: MOTOR HEAD ASSEMBLY, 110V, 1000 WATT

REVISIONS	DATE	DESCRIPTION
1	01.11.2017	ISSUE FOR PRODUCTION

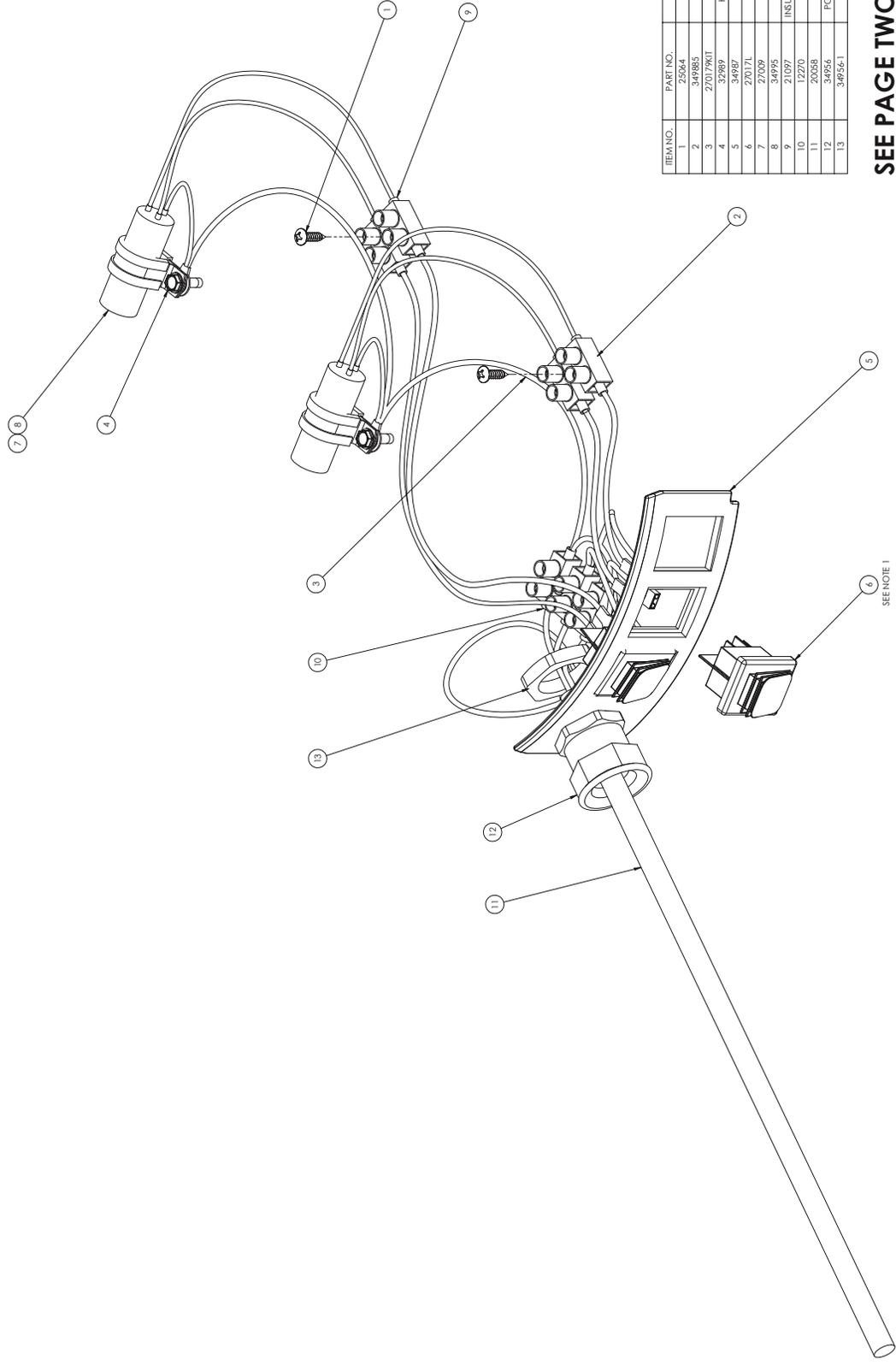
REV	DATE	DESCRIPTION
1	01.11.2017	ISSUE FOR PRODUCTION

REV	DATE	DESCRIPTION
1	01.11.2017	ISSUE FOR PRODUCTION

REV	DATE	DESCRIPTION
1	01.11.2017	ISSUE FOR PRODUCTION

REV	DATE	DESCRIPTION
1	01.11.2017	ISSUE FOR PRODUCTION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
A		ECO 301: UPDATED POWER CORD TO 240V	1/19/2017	D.E.



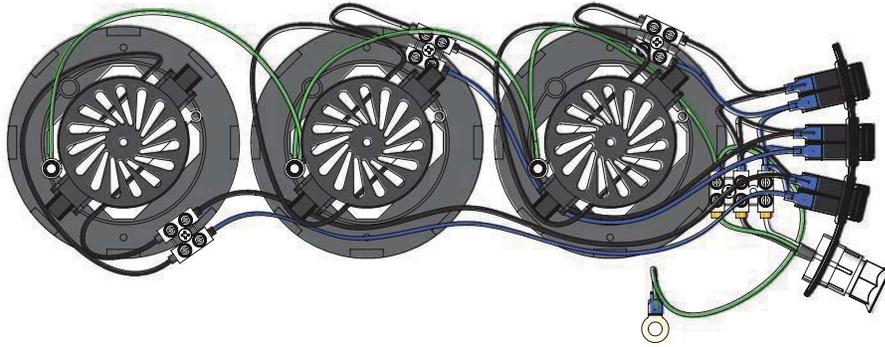
ITEM NO.	PART NO.	DESCRIPTION	DRAWING NO.	QTY.
1	25044	SCREW PHIL PH #8 X 5/8" ZINC		3
2	34985	TERMINAL BLOCK, 6-18 WIRE RANGE		2
3	27017KIT	WS WIRE ASSEMBLY KIT		1
4	32989	HEX WASHER TEX SCREW, #10-16, 425LG		4
5	34987	SWITCH MOUNT		1
6	27017L	SWITCH, WS		2
7	27009	CLAMP, 5/8", METAL, W/CUSHION		2
8	34995	CAPACITOR WITH WIRE		2
9	21097	INSULATED FERRULE, GREY, 2.2MM ID, 1.4MM LG		4
10	12270	INSULATED FERRULE, ORANGE, 4MM		3
11	20058	POWER CABLE, 12 3 SOOW		30FT
12	34956	PG-21, CABLE GRIP WITH WIRE CLAMP, POLY		1
13	34954-1	PG-21, POLY CABLE GRIP NUT		1

SEE PAGE TWO FOR WIRING SCHEMATIC

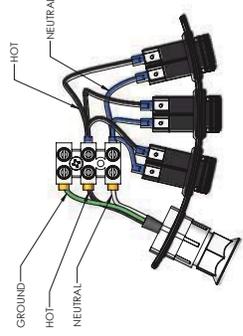
LEVEL	DESCRIPTION	DATE	DATE	DATE	DATE
1	SA W/REV ST				
2	HOLYOKE, MAS. 01040				
3	TITLE	DATE	SCALE		
4	WS 2 MOTOR SWICH ASM,				
5	ZREV				
6	WS 2 MOTOR SWICH ASM,				
7	ZREV				
8	SIZE DWG. NO.	PHZ017A			
9	D	000-E 0331 US			
10	SCALE: 1:4 W/EGRE:				
11	REV				
12	A				
13	SHEET 1 OF 2				

NOTES:
1. INSERT SWITCH WITH 'OFF' POSITION ON BOTTOM

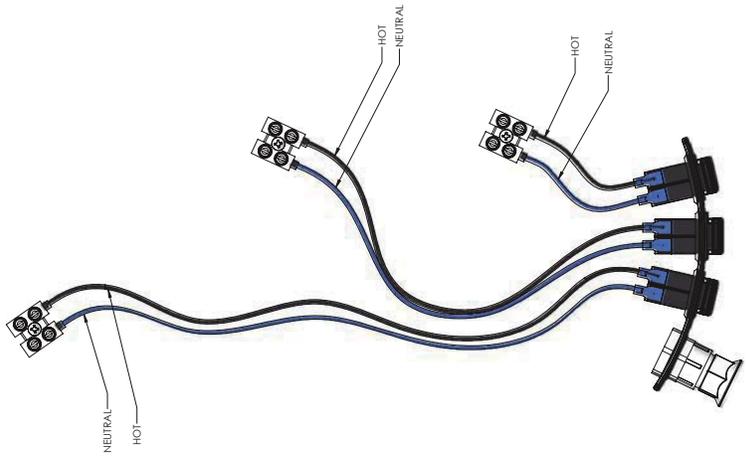
HOT- - - - -BLACK
 NEUTRAL- - - - -WHITE/BLUE
 GROUND- - - - -GREEN



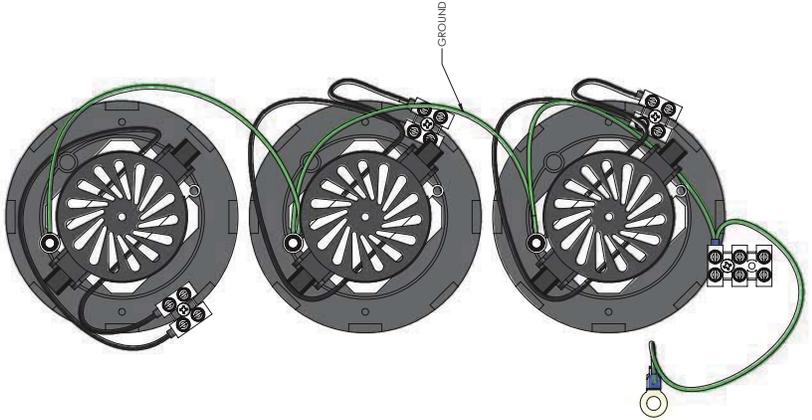
COMPLETED ASSEMBLY



POWER TO SWITCHES



SWITCHES TO TERMINAL BLOCKS



GROUND AND MOTOR

REV	DESCRIPTION	DATE	NAME

LEVEL	DESCRIPTION	DATE	NAME

SA Winter St.
 Holyoke, MA 01040

DATE: 02/26/2012

TITLE: W3.3 MOTOR SWITCH ASM.
 120V

SIZE: DWG. NO. D 000-E-0315 US
 SCALE: 1:1 WEIGHT: SHEET 2 OF 2

27017LA3

COMMENTS: BREAK SHARP EDGES

APPROVED BY: [Signature]

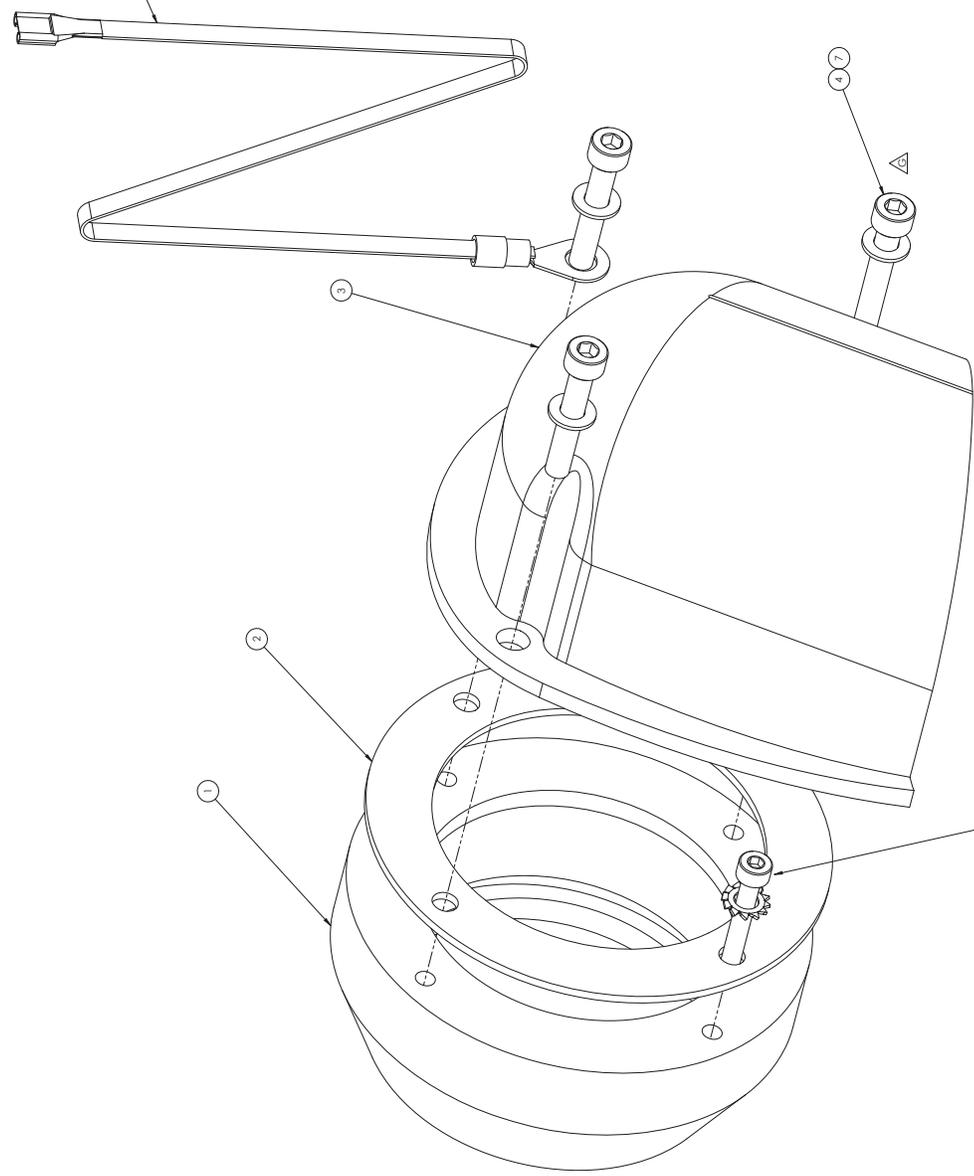
DATE: [Date]

APPROVED BY: [Signature]

DATE: [Date]

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	D	ECO 317	12/22/2009	DJS
	E	ECO 1129	6/20/2015	DJS
	F	ECO DWP ADDED GROUND WIRE UPWARD HARDWARE	7/20/2016	DBE
	M-A-J	ECO 041 HW CHANGE	12/02/17	JJP

REF: GROUND WIRE TO FILTER
34868 FOR 1.2M FILTER
34867 FOR 2.6M FILTER



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30007	INLET 70MM ALUMINUM	1
2	34821	70MM INLET GASKET	1
3	32958	DEFLECTOR 70MM ALU D17MS	1
4	32866	SCREW SOC HD MS 30 BLACK CONDE	3
5	32861	BOLTS X 23 SOC HD BLOX	1
6	32862	WASHER PLAIN MS	1
7	32863	LOCK WASHER PLAIN MS	3

DATE OF THIS REVISION	DATE	BY	DESCRIPTION
06/20/15	6/20/15	DJS	ECO 1129
12/22/09	12/22/09	DJS	ECO 317
12/02/17	12/02/17	JJP	ECO 041 HW CHANGE

70MM INLET ASM, ALU
DEFLECTOR, D1
30007A
D E 000 E 0109 US
SCALE: 2:1 WEGE

REVISIONS

30007A

70MM INLET ASM, ALU
DEFLECTOR, D1

D E 000 E 0109 US

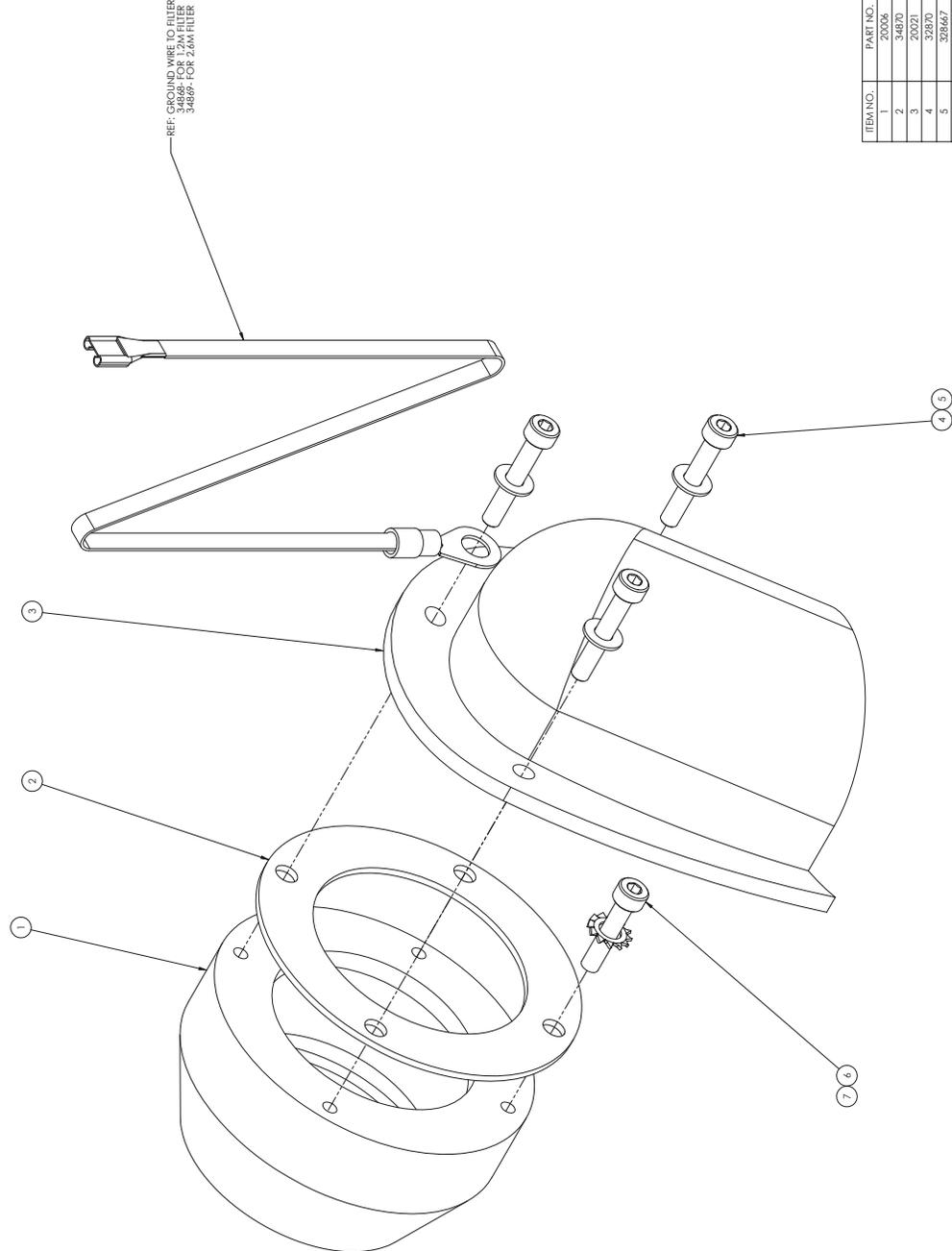
SCALE: 2:1 WEGE

REVISIONS

DATE OF THIS REVISION

REV	DATE	BY	CHKD
A	3/10/03	DJS	
B	1/28/16	JJF	
C	2/26/16	JJF	
D	11/4/16	DJE	

REV	DESCRIPTION
A	CHANGED ASM PART NUMBER
B	ECO 1169- UPDATED HW
C	ECO 1178- UPDATED HW AND GASKET
D	ADDED GROUNDING WIRE FOR REF. NO ECO



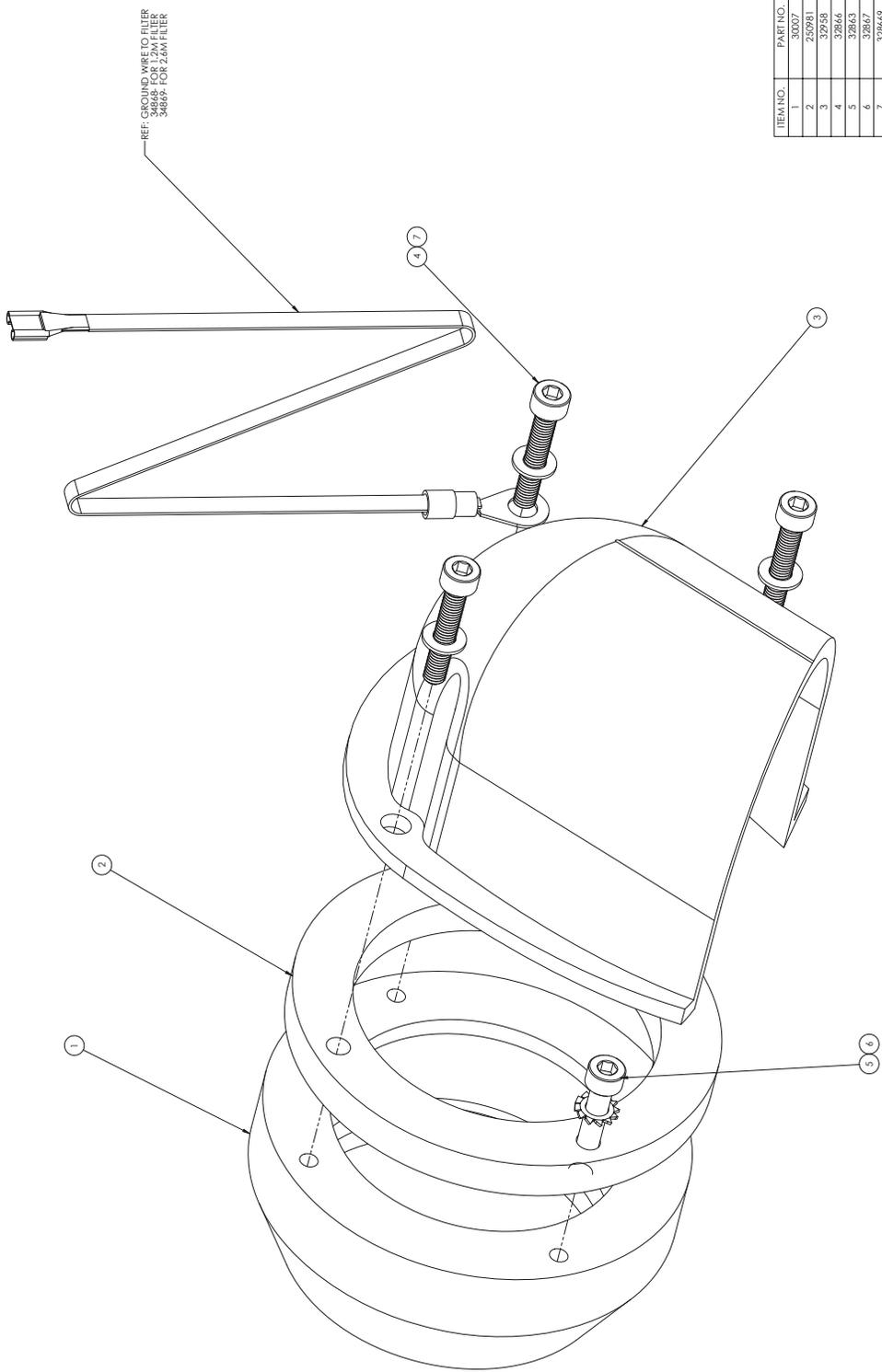
REF: GROUND WIRE TO FILTER
 34870 FOR 2.4M FILTER
 34895 FOR 2.4M FILTER

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	20006	INLET 50MM ALUMINUM	1
2	34870	50MM INLET GASKET BK FOAM	1
3	20021	50MM DETECTOR ALU	1
4	20870	SCREW .50C HD CAP PH X .25 ZINC	3
5	20867	WASHER FLAT 1/4 X 20 ZINC	3
6	20867	SCREW LOCK W/ WASH 1/4 X 20 ZINC	3
7	32867	NUT 1/4 X 20 ZINC	3

DATE	BY	CHKD	TITLE
03/10/03	DJS		50MM ALU INLET ASM
01/28/16	JJF		
02/26/16	JJF		
11/04/16	DJE		

FORM AND COMMENTS	REV
SEE PARTS LIST FOR THE IDENTIFICATION OF THE PARTS LISTED IN THE ASSEMBLY DRAWING. IF THE PARTS LIST IS NOT AVAILABLE, THE PARTS LIST SHOULD BE OBTAINED FROM THE PARTS LISTING UNIT.	D
FORM AND COMMENTS	000E 0113 US
FORM AND COMMENTS	20006A
FORM AND COMMENTS	SCALE: 2:1
FORM AND COMMENTS	WEIGHT:
FORM AND COMMENTS	SHEET 1 OF 1

REV	DESCRIPTION	DATE	BY
B	E.C.O. #106	5/12/03	DJS
C	E.C.O. #263	10/28/04	DJS
D	ADDED REF GROUND WIRE PER ECO1269	9/21/16	DJE



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	30007	INLET 70MM ALUMINUM	1
2	25981	70MM INLET GASKET	1
3	32958	DEFLECTOR 70MM ALU LST 17MS	1
4	32866	SCREW 3.0C HD MS-30 BLACK OXIDE	3
5	32863	SCREW 3.0C HD MS-20 BLACK OX	1
6	32867	WASHER 1.5X3.5X0.5ZINC	1
7	30007	NUT 1.5X3.5X0.5ZINC	3

DATE	BY	DESCRIPTION	REV
9/21/16	DJE	ADDED REF GROUND WIRE PER ECO1269	D

70MM INLET ASM, ALU
DEFLECTOR, D1 3ILO
DWG. NO. 30007AS
SCALE: 2:1 WEGE: 1

REVISIONS
DATE
BY
DESCRIPTION
REV

PROPRIETARY AND CONFIDENTIAL
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APPROVED
DATE
BY

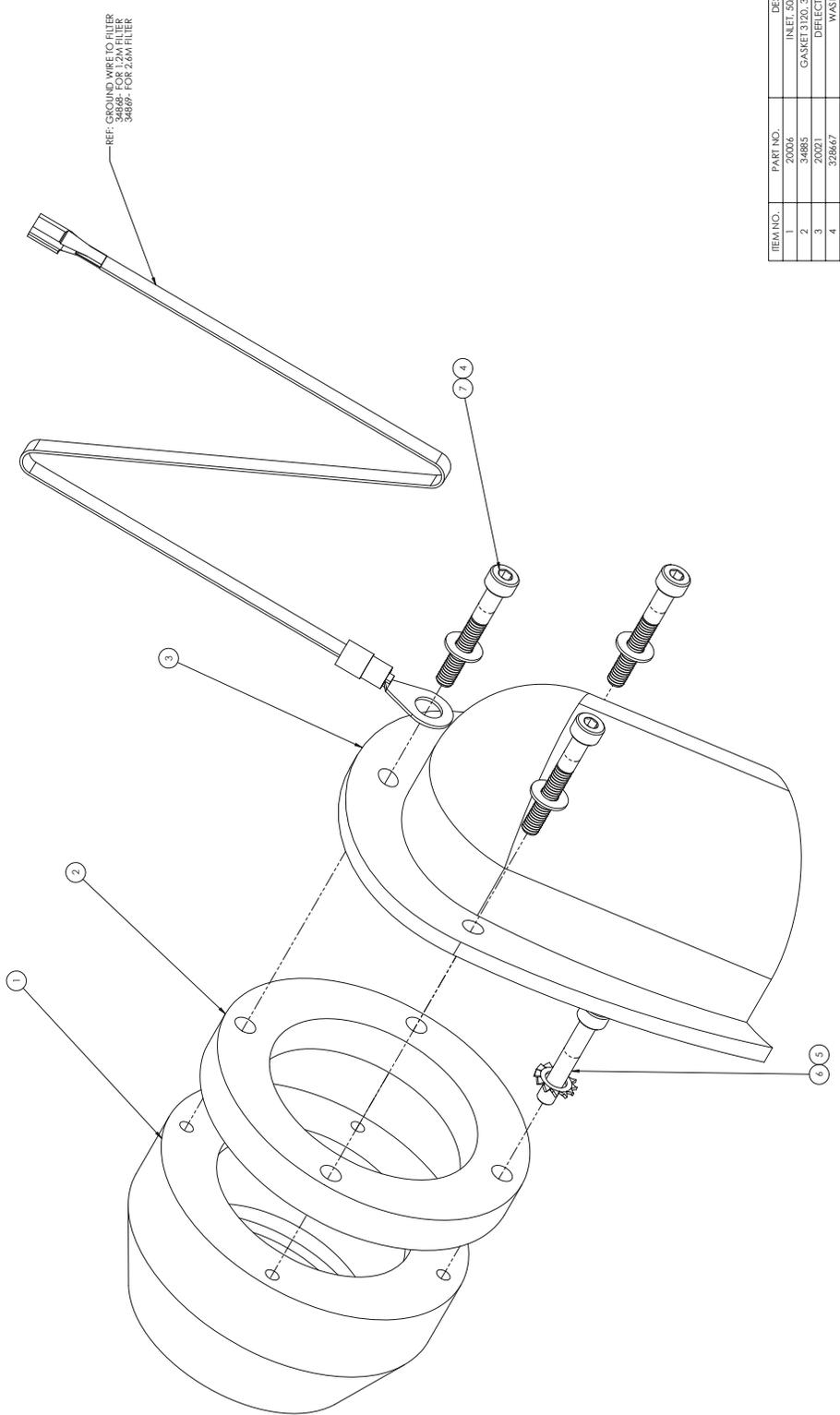
DATE
BY
DESCRIPTION
REV

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DESCRIPTION
REV

REV	DESCRIPTION	DATE	BY
A	CHANGED ASM PART NUMBER	3/10/03	DJS
B	#20025 CHANGED FROM 3 TO 1	4/03/03	DJS
C	ECO 1189- HW UPDATED	02/03/16	JJF
D	ECO 1178- HW UPDATED	02/26/16	JJF
E	ECO 1239- HW UPDATED	07/01/16	DJE

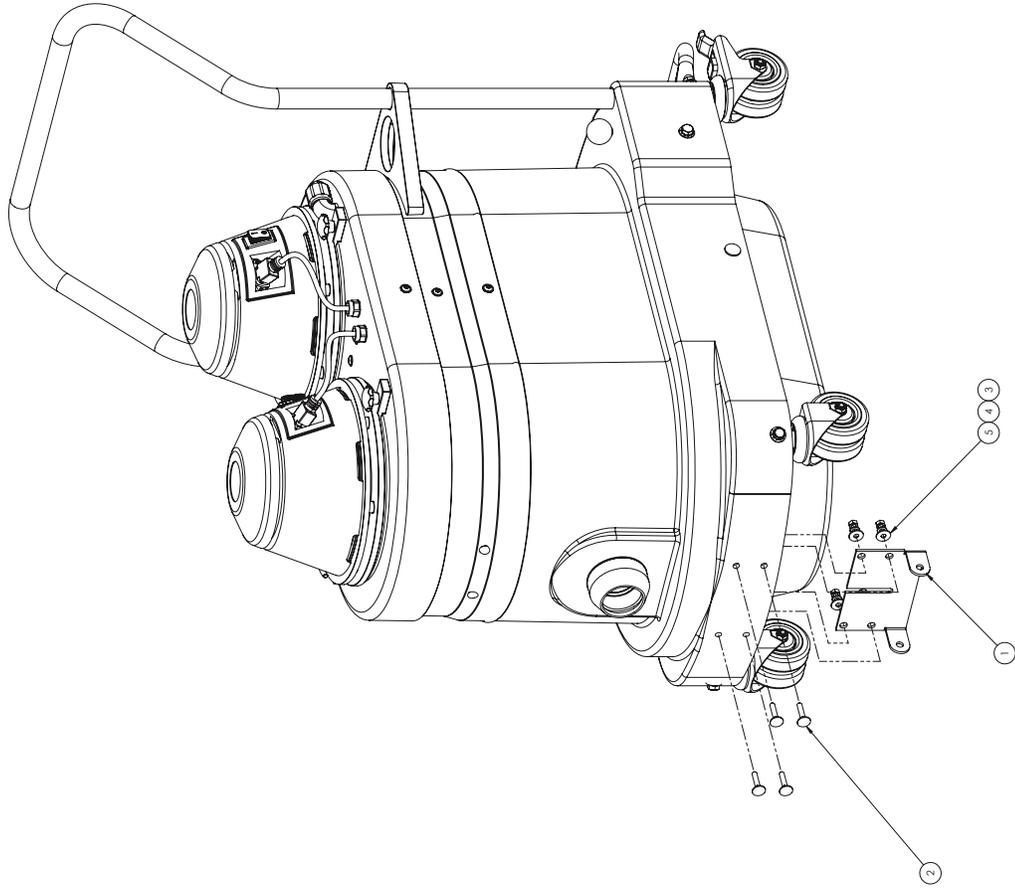


ITEM NO.	PART NO.	DESCRIPTION	DRAWING NO.	QTY.
1	20006	INLET, 50MM ALUMINUM		1
2	34865	GASKET 3120, 3/8" THICK, 50MM INLET		1
3	20021	DEFLECTOR, 50MM ALU		1
4	32867	WASHER FLAT W/M		3
5	32867	WASHER FLAT W/M		1
6	32867	WASHER FLAT W/M		1
7	32867	WASHER FLAT W/M		1

PROPERTY OR COMMENTARY	VALUE
DESIGNED BY	JF-1025024
DRAWN BY	
CHECKED BY	
APPROVED BY	
DATE	
SCALE	SCALE: 2:1
WEIGHT	
REV	REV
DESCRIPTION	DESCRIPTION
DATE	DATE
BY	BY
APP'D	APP'D
DATE	DATE
REV	REV
DESCRIPTION	DESCRIPTION
DATE	DATE
BY	BY
APP'D	APP'D
DATE	DATE

50MM ALU INLET ASM, SILO
 20006AS
 000 E 0110 US
 SCALE: 2:1 WEIGHT: SHEET 1 OF 1

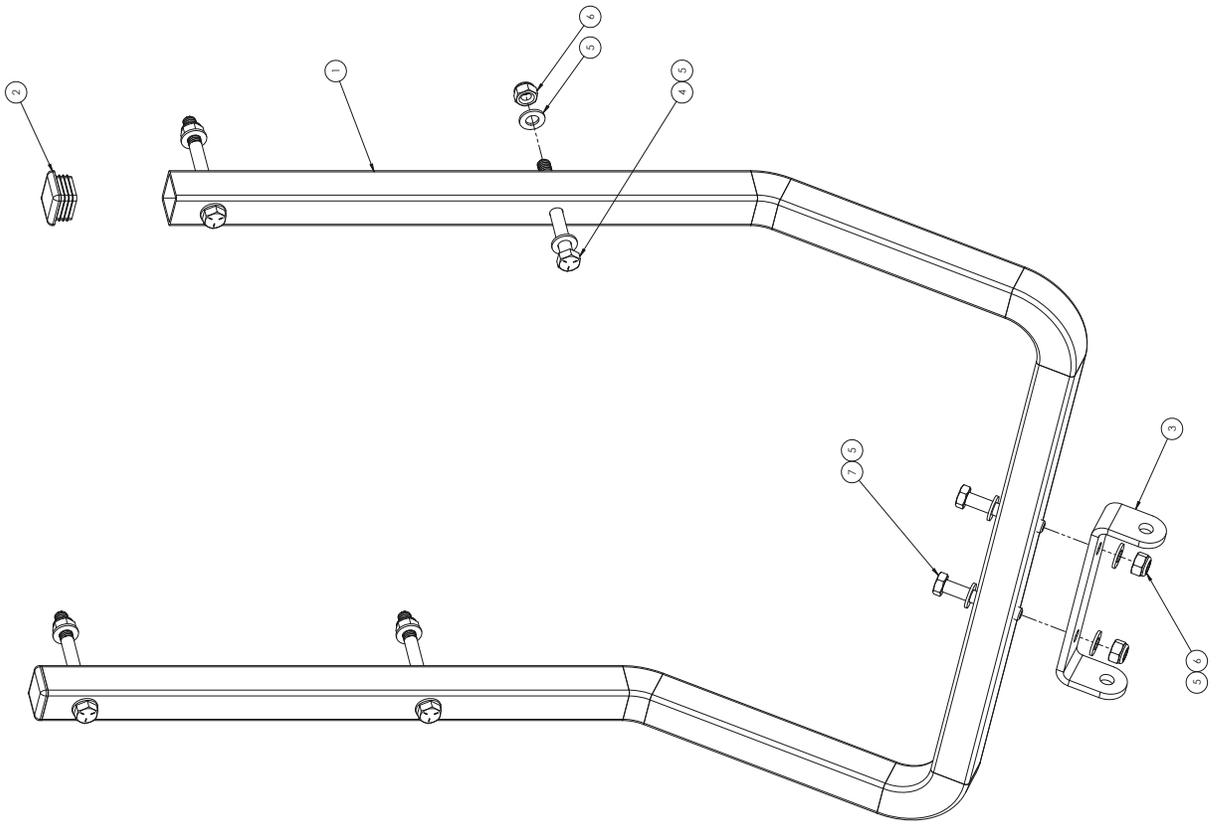
REVISIONS			
DATE	REV.	DESCRIPTION	DATE
	A	PRINT REVISED	2/19/2003
	B	PRINT REVISED	12/21/2004
	C	ECO 304 PLATE MOUNTING BRACKET FOR LOWER	2/14/2017



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	9703	FLOOR TOOL BRACKET	1
2	3403	BOLT CARTRIDGE M8 X 30	4
3	2000	NUT M8	4
4	2008	WASHER M8	4
5	34819	WASHER FENDER M6	4

DATE FORWARDED:	DATE	BY	DATE	BY
DESIGNED BY:	D.E.	12/27/04	SA WINTER ST.	
CHECKED BY:			HOLYOKE, MASS. 01040	
APPROVED BY:				
TITLE:	MOUNTING BRACKET FLOOR TOOL			
SIZE:	DWG. NO. 000-E-0086 US			
SCALE:	1:1			

FORMERLY NO. 000-E-0086 US
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ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	565304	SQUARE HANDLE BAR, DB FRAME	1
2	8010	END CAP, PLASTIC PLUG, 1/16 X .0931, SERRATED	2
3	97029	H-BRACKET MOUNT	1
4	31255	BOLT, HEX HEAD, 3/16 X 1.8, 3.25LG, ZINC	4
5	25061	WASHER, 1/8 DIA	12
6	31202	BOLT, HEX, 5/16 X 1.8 X 2"	6
7	31202	BOLT, HEX, 5/16 X 1.8 X 2"	2

DRAWN BY: SA WINTER ST
 CHECKED BY: HOLYOKE, MAS 01040
 DATE: 5/8/2017
 TITLE: FLOOR SWEEP MOUNT, DB

SIZE: DWG. NO. 000-E-0393 US
 D 565304A
 SCALE: 2:1 W/EGGE. SHEET 1 OF 1

REVISIONS:
 1. 5/8/2017 SA WINTER ST
 2. 5/8/2017 SA WINTER ST
 3. 5/8/2017 SA WINTER ST
 4. 5/8/2017 SA WINTER ST
 5. 5/8/2017 SA WINTER ST
 6. 5/8/2017 SA WINTER ST
 7. 5/8/2017 SA WINTER ST
 8. 5/8/2017 SA WINTER ST

APPROVED BY: SA WINTER ST
 DATE: 5/8/2017

COMMENTS:
 BREAK SHARP EDGES
 PART NUMBER: 565304A

ATTACHMENT: 565304A

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RSP 20 VAC PARTS MANUAL



RUNNYON

SURFACE PREP

— RENTAL & SUPPLY —