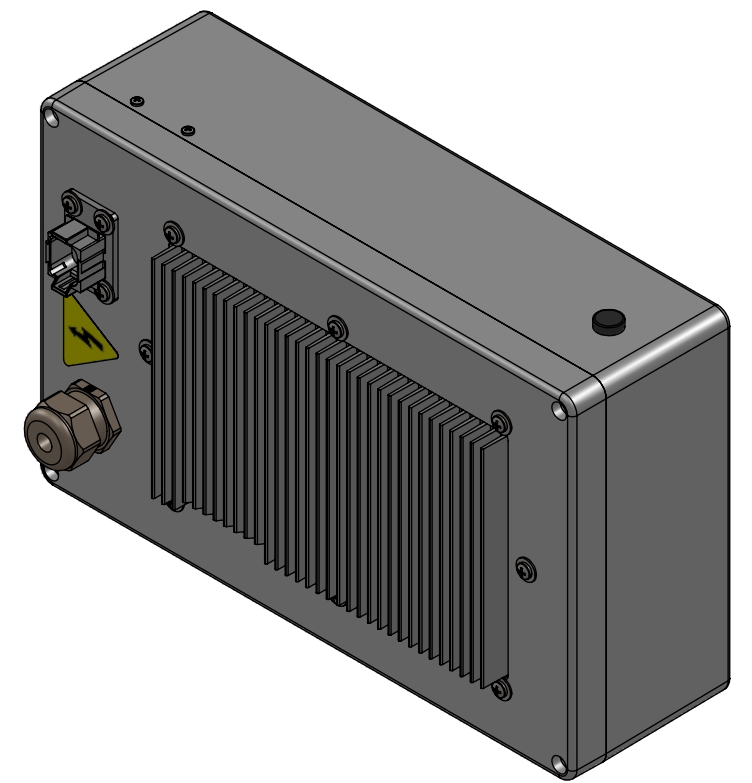


ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
1	10028		SWITCH,AC HVIL	PLUNGER SWITCH	1
2	10029		CONTROLLER,AC COMPRESSOR	HV CONTROLLER AC COMPRESSOR	1
3	20008		HARNESS,SUB-SYSTEM,A/C		1
4	20009		HARNESS, A/C CONTROLLER		
5	20177		CONNECTOR,8 PIN PANEL MNT	8 PIN BULKHEAD CONNECTOR	1
6	20333		GLAND,CABLE,32MMX1.5,METAL	AC COMP CNTRLR,COMP OUT	1
7	20334		GLAND,CABLE,16MMX1.5,METAL	AC COMP CNTRLR,HV INPUT	2
8	20335		GLAND,CABLE,NUT,32MMX1.5,METAL	FOR PART #20333	1
9	20336		GLAND,CABLE,NUT,16MMX1.5,METAL	FOR PART #20334	2
10	30083		BOLT,10-24X0.75"L	ZPS	12
11	30084		NUT,NYLOCK,10-24	ZPS	12
12	30085		WASHER,FLAT,#10	ZPS	24
13	30086		BOLT,4-40X1.0"L	ZPS	1
14	30088		BOLT,6-32X0.625"L	ZPS	2
15	30173		NUT,NYLOCK,#4-40,THIN	ZPS	2
16	40262	03	ENCLOSURE,A/C CNTRL,MODIFIED	G2V2 PIE WAGON	1
17	50132		VENT,GORTEX,AC CONTROLLER	GORTEX VENT FOR AC CONTROLLER	1
18	50135		NUT,BACKING,FOR PART #50132	PLASTIC,GREY	1
19	60004		LABEL,DANGER HV EQUIP	ELEC EQUIP AUTHORIZED ENTRY	1
20	60005		LABEL,SHOCK HAZARD	ELECTRIC SHOCK HAZRD TRIANGLE	1
21	60015		LABEL,REFRIGERANT CHARGE		1
22	60048		RTV,SILICONE, GASKET MAKER,RED	HIGH TEMP,-65F TO +600F	



REV	DESCRIPTION OF CHANGE	REVISED BY	DATE
03	MOVED DECAL LOCATIONS AND ADDED DECAL PART #60015	AJC	07/09/15

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UNLESS OTHERWISE SPECIFIED REFERENCE DIMENSIONS SHOWN IN PARENTHESIS DIMENSIONS ARE IN INCHES	DRAWN	AJC	05/16/14
ANGULAR ± 1.0°			
NOMINAL ± 0.125			
ONE PLACE DECIMAL ± 0.060			
TWO PLACE DECIMAL ± 0.030			
THREE PLACE DECIMAL ± 0.010			

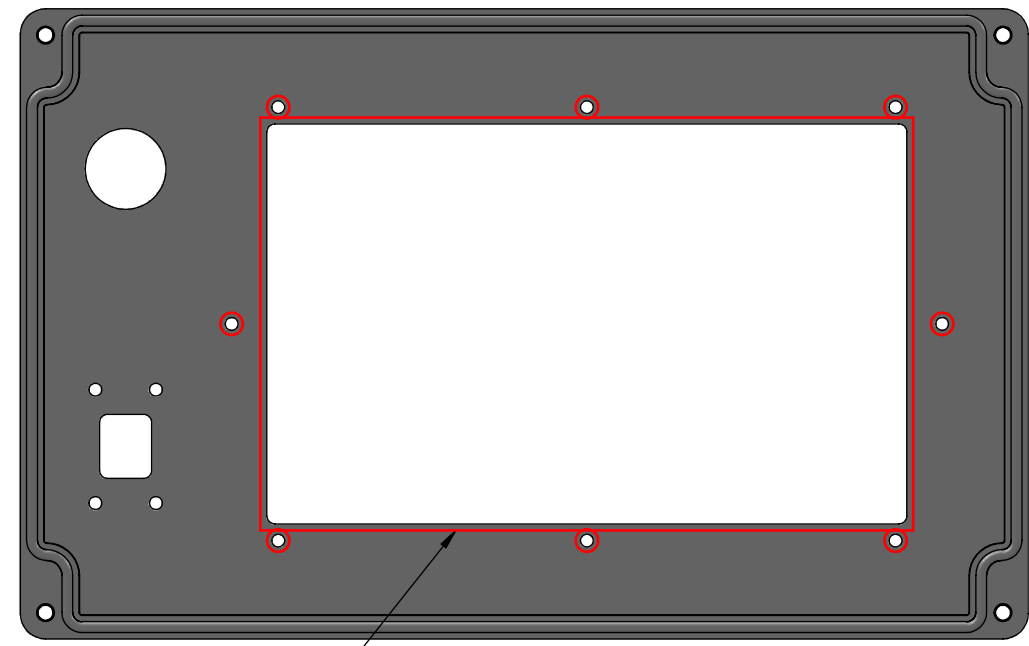
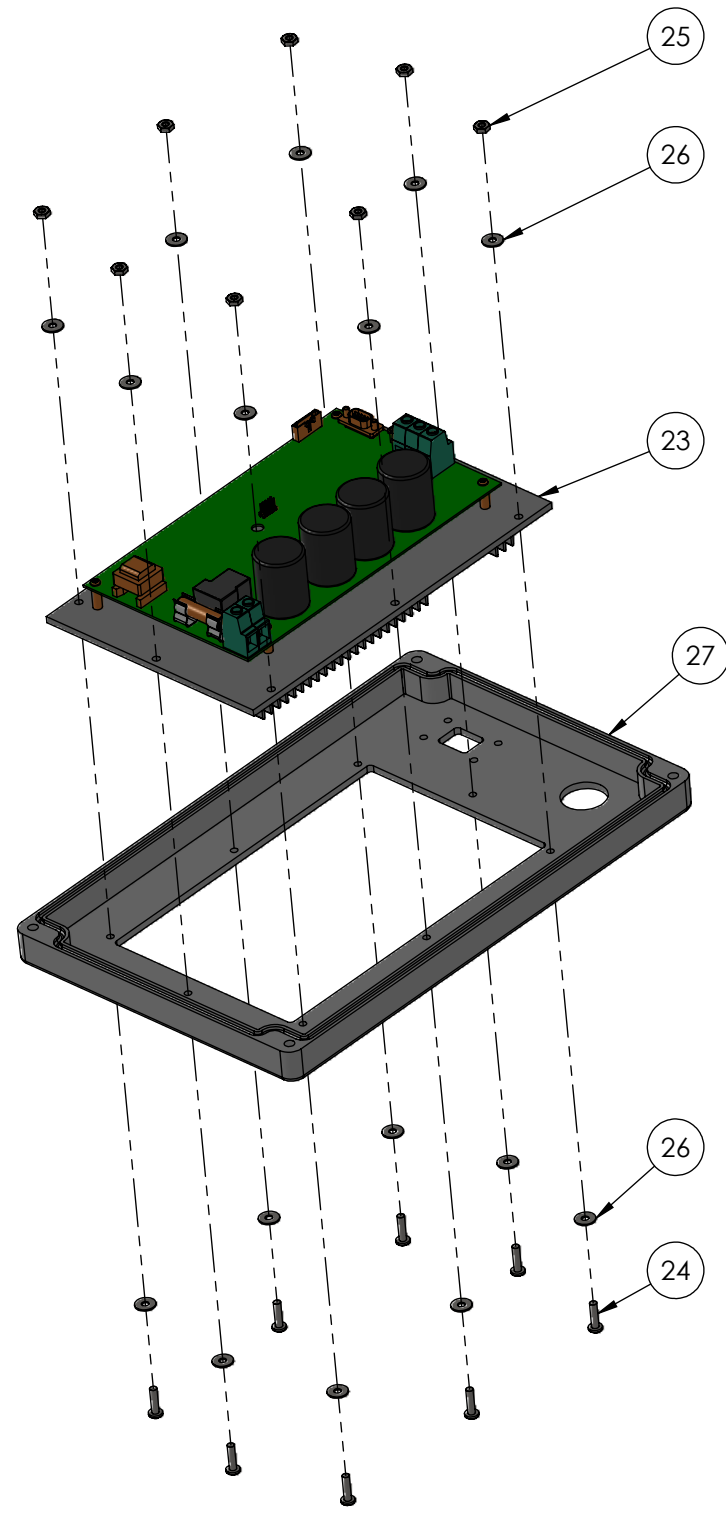
www.odyne.com

**SUB-ASSY,AC COMP CONTROLLER  
WATERPROOF CONFIGURATION**

MATERIAL	INTERPRET GEOMETRIC TOLERANCE PER ASME Y14.5M-1994	SHEET SIZE	PART NUMBER	REV
FINISH		B	70260	03

SCALE 1:4      DO NOT SCALE DRAWING      SHEET 1 OF 6

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
23	10029		CONTROLLER,AC COMPRESSOR	HV CONTROLLER AC COMPRESSOR	1
24	30083		BOLT,10-24X0.75"L	ZPS	8
25	30084		NUT,NYLOCK,10-24	ZPS	8
26	30085		WASHER,FLAT,#10	ZPS	16
27	40262	03	ENCLOSURE,A/C CNTRL,MODIFIED	G2V2 PIE WAGON	1
28	60048		RTV,SILICONE, GASKET MAKER,RED	HIGH TEMP,-65F TO +600F	


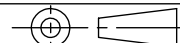


NOTE: APPLY RTV TO INSIDE OF LID TO AREAS SHOWN IN RED PRIOR TO INSTALLING ITEM (23).

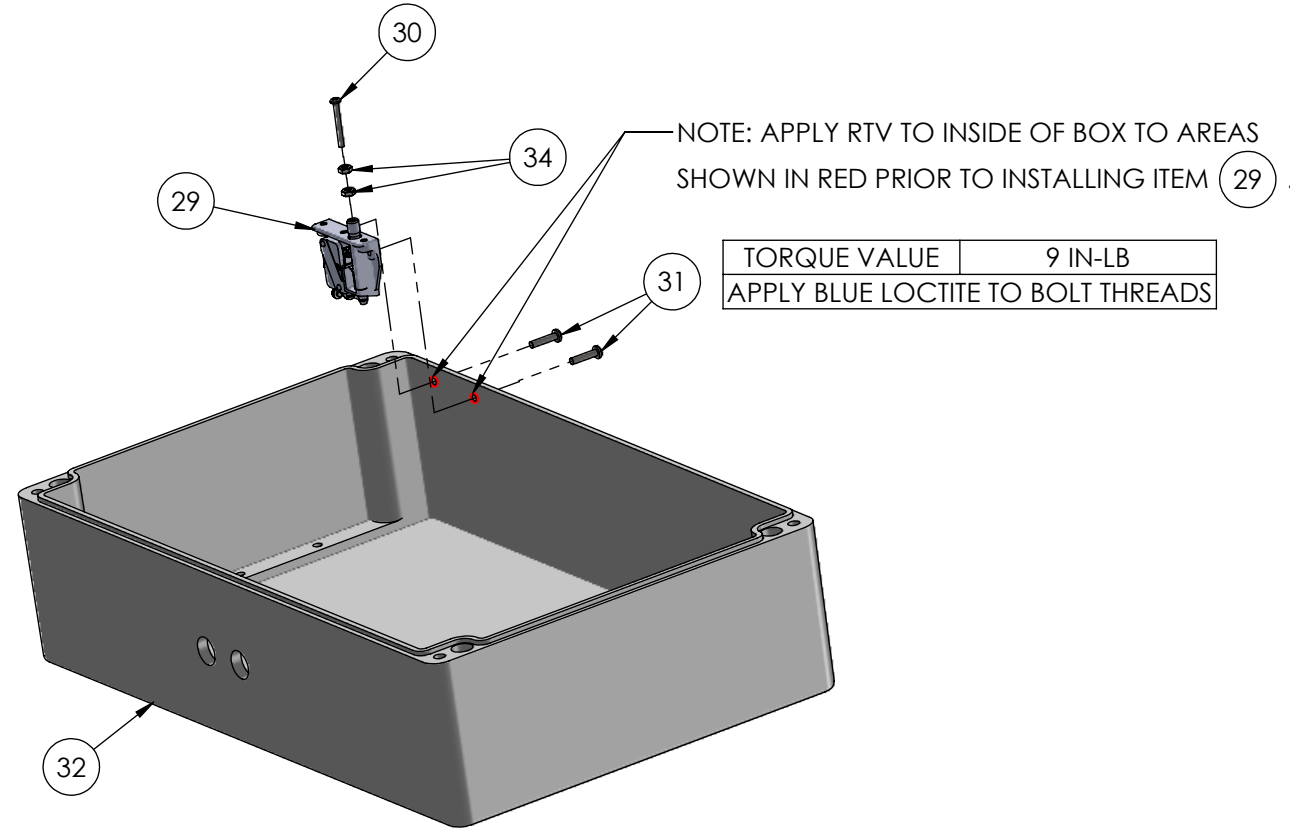
TORQUE VALUE	21 IN-LB
APPLY RED RTV TO BOLT THREADS	

CONTROLLER INSTALLATION

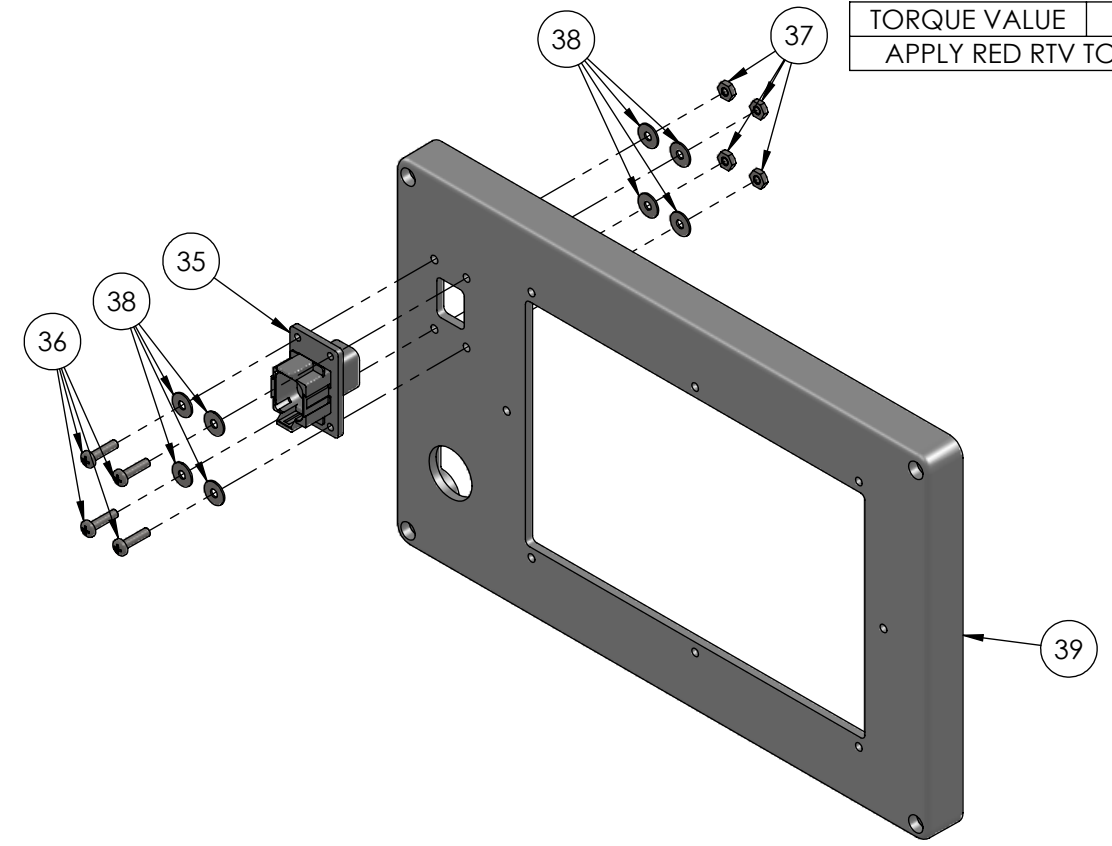
03	MOVED DECAL LOCATIONS AND ADDED DECAL PART #60015	AJC	07/09/15
REV	DESCRIPTION OF CHANGE	REVISED BY	DATE

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<small>UNLESS OTHERWISE SPECIFIED REFERENCE DIMENSIONS SHOWN IN PARENTHESIS DIMENSIONS ARE IN INCHES</small>	<small>DRAWN</small> AJC	<small>AJC</small>	<small>05/16/14</small>	<b>SUB-ASSY,AC COMP CONTROLLER WATERPROOF CONFIGURATION</b>		
<small>ANGULAR ± 1.0° NOMINAL ± 0.125 ONE PLACE DECIMAL ± 0.060 TWO PLACE DECIMAL ± 0.030 THREE PLACE DECIMAL ± 0.010</small>	<small>INTERPRET GEOMETRIC TOLERANCE PER ASME Y14.5M-1994</small>			<small>SHEET SIZE</small> B	<small>PART NUMBER</small> 70260	<small>REV</small> 03
<small>MATERIAL</small>	<small>FINISH</small> 			<small>SCALE 1:5</small>	<small>DO NOT SCALE DRAWING</small>	<small>SHEET 2 OF 6</small>

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
35	20177		CONNECTOR,8 PIN PANEL MNT	8 PIN BULKHEAD CONNECTOR	1
36	30083		BOLT,10-24X0.75"L	ZPS	4
37	30084		NUT,NYLOCK,10-24	ZPS	4
38	30085		WASHER,FLAT,#10	ZPS	8
39	40262	03	ENCLOSURE,A/C CNTRL,MODIFIED	G2V2 PIE WAGON	1




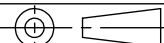
HVIL SWITCH INSTALLATION



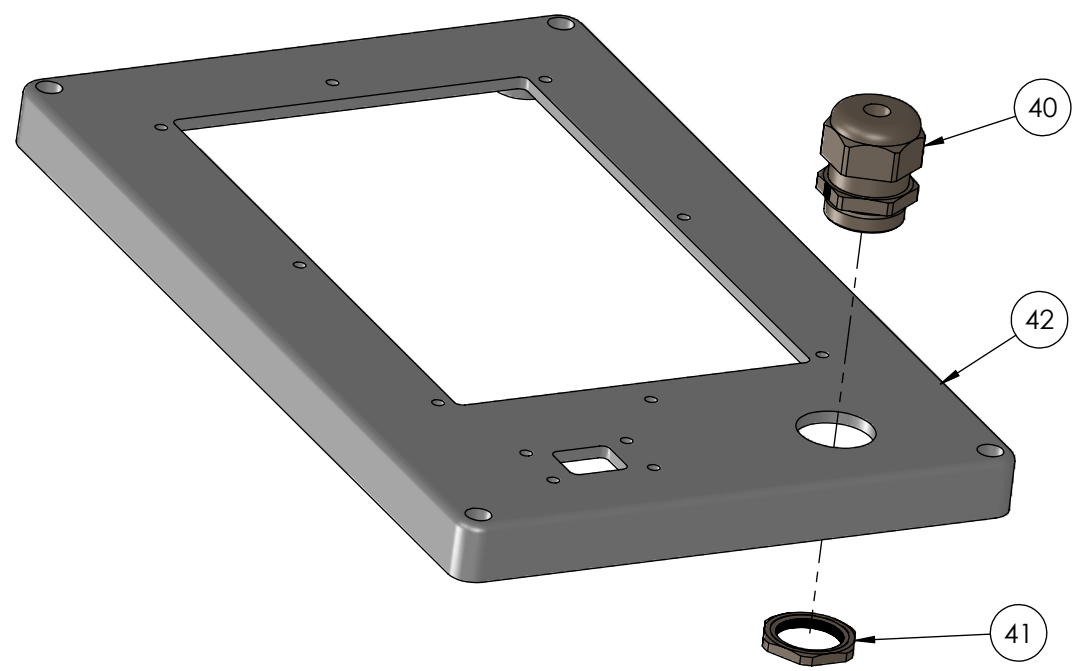
LOW VOLTAGE CONNECTOR INSTALLATION

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
29	10028		SWITCH,AC HVIL	PLUNGER SWITCH	1
30	30086		BOLT,4-40X1.0"L	ZPS	1
31	30088		BOLT,6-32X0.625"L	ZPS	2
32	40262	03	ENCLOSURE,A/C CNTRL,MODIFIED	G2V2 PIE WAGON	1
33	60048		RTV,SILICONE, GASKET MAKER,RED	HIGH TEMP,-65F TO +600F	
34	30173		NUT,NYLOCK,#4-40,THIN	ZPS	2

REV	DESCRIPTION OF CHANGE	REVISED BY	DATE
03	MOVED DECAL LOCATIONS AND ADDED DECAL PART #60015	AJC	07/09/15

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<small>UNLESS OTHERWISE SPECIFIED REFERENCE DIMENSIONS SHOWN IN PARENTHESIS DIMENSIONS ARE IN INCHES</small>	<small>DRAWN</small> AJC	<small>05/16/14</small>	<b>SUB-ASSY,AC COMP CONTROLLER WATERPROOF CONFIGURATION</b>		
<small>ANGULAR ± 1.0° NOMINAL ± 0.125 ONE PLACE DECIMAL ± 0.060 TWO PLACE DECIMAL ± 0.030 THREE PLACE DECIMAL ± 0.010</small>	<small>INTERPRET GEOMETRIC TOLERANCE PER ASME Y14.5M-1994</small>	<small>SHEET SIZE</small> B	<small>PART NUMBER</small> 70260	<small>REV</small> 03	<small>SHEET 3 OF 6</small>
<small>MATERIAL</small>		<small>SCALE 1:4</small>	<small>DO NOT SCALE DRAWING</small>		

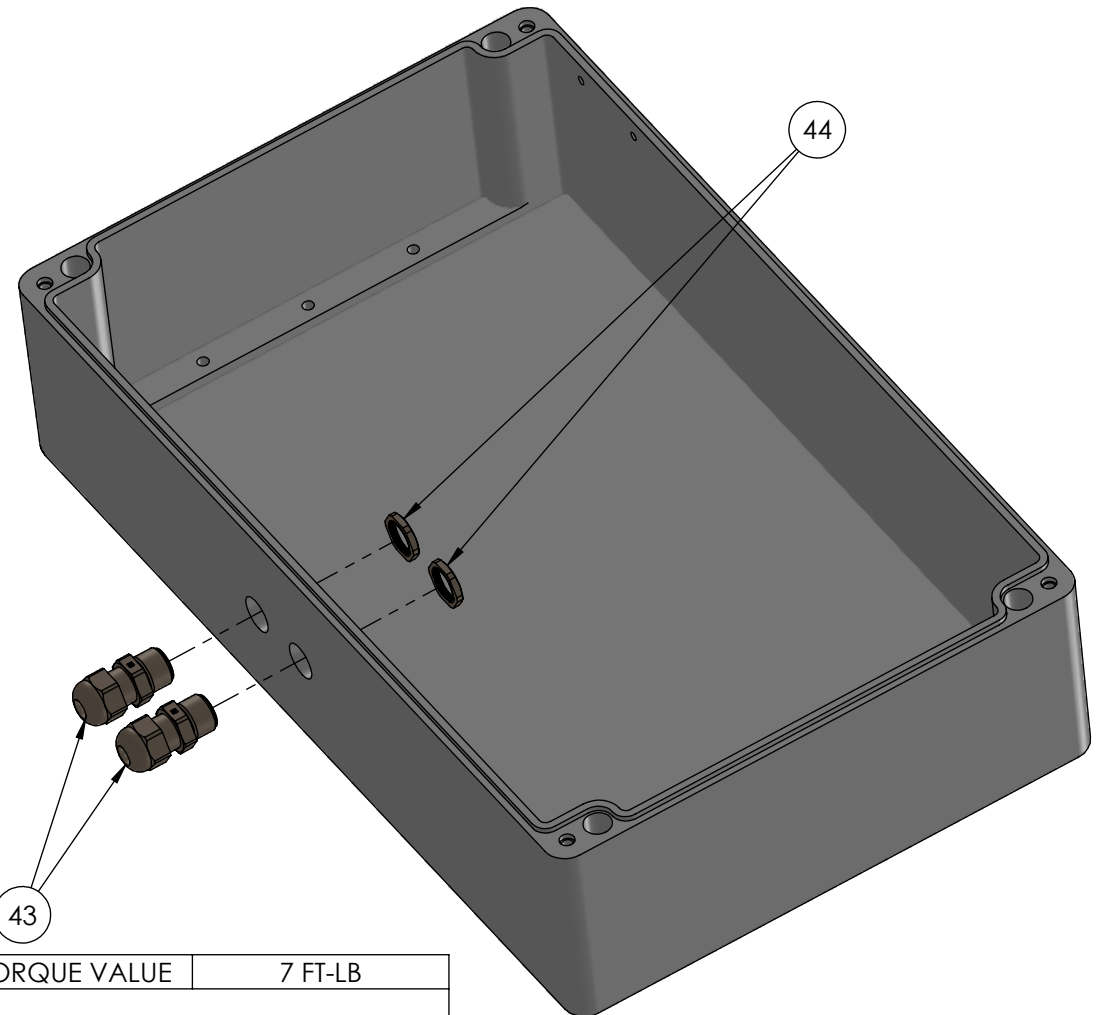
ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
43	20334		GLAND,CABLE,16MMX1.5,METAL	AC COMP CNTRLR,HV INPUT	2
44	20336		GLAND,CABLE,NUT,16MMX1.5,METAL	FOR PART #20334	2
45	40262	03	ENCLOSURE,A/C CNTRL,MODIFIED	G2V2 PIE WAGON	1



TORQUE VALUE	13 FT-LB
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ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
40	20333		GLAND,CABLE,32MMX1.5,METAL	AC COMP CNTRLR,COMP OUT	1
41	20335		GLAND,CABLE,NUT,32MMX1.5,METAL	FOR PART #20333	1
42	40262	03	ENCLOSURE,A/C CNTRL,MODIFIED	G2V2 PIE WAGON	1


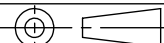

32MM CABLE GLAND INSTALLATION



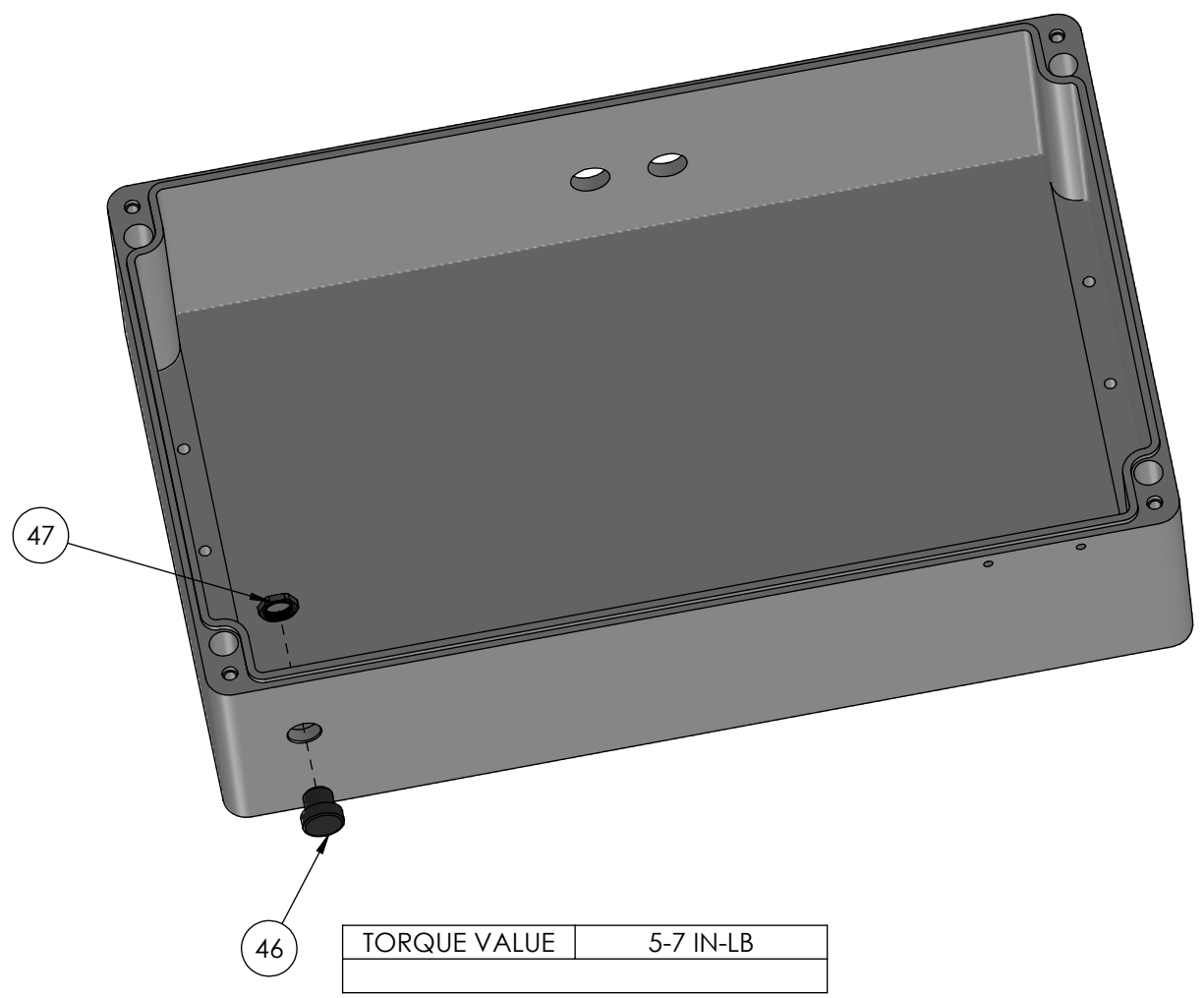
TORQUE VALUE	7 FT-LB
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16MM CABLE GLAND INSTALLATION

REV	DESCRIPTION OF CHANGE	REVISED BY	DATE
03	MOVED DECAL LOCATIONS AND ADDED DECAL PART #60015	AJC	07/09/15


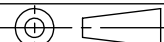
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<small>UNLESS OTHERWISE SPECIFIED          REFERENCE DIMENSIONS SHOWN IN PARENTHESIS          DIMENSIONS ARE IN INCHES</small>		DRAWN AJC 05/16/14	05/16/14		
<small>ANGULAR ± 1.0°          NOMINAL ± 0.125          ONE PLACE DECIMAL ± 0.060          TWO PLACE DECIMAL ± 0.030          THREE PLACE DECIMAL ± 0.010</small>		<small>INTERPRET GEOMETRIC TOLERANCE PER          ASME Y14.5M-1994</small>		SUB-ASSY,AC COMP CONTROLLER WATERPROOF CONFIGURATION	
MATERIAL		FINISH		SHEET SIZE B	PART NUMBER 70260
				REV 03	SCALE 1:3 DO NOT SCALE DRAWING
				SHEET 4 OF 6	

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
46	50132		VENT,GORTEX,AC CONTROLLER	GORTEX VENT FOR AC CONTROLLER	1
47	50135		NUT,BACKING,FOR PART #50132	PLASTIC,GREY	1



VENT INSTALLATION

REV	DESCRIPTION OF CHANGE	REVISED BY	DATE
03	MOVED DECAL LOCATIONS AND ADDED DECAL PART #60015	AJC	07/09/15

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<small>UNLESS OTHERWISE SPECIFIED REFERENCE DIMENSIONS SHOWN IN PARENTHESIS DIMENSIONS ARE IN INCHES</small>	<small>DRAWN</small> AJC	<small>AJC</small>	<small>05/16/14</small>	<b>SUB-ASSY,AC COMP CONTROLLER WATERPROOF CONFIGURATION</b>		
<small>ANGULAR ± 1.0° NOMINAL ± 0.125 ONE PLACE DECIMAL ± 0.060 TWO PLACE DECIMAL ± 0.030 THREE PLACE DECIMAL ± 0.010</small>	<small>INTERPRET GEOMETRIC TOLERANCE PER ASME Y14.5M-1994</small>			<small>SHEET SIZE</small> B	<small>PART NUMBER</small> 70260	<small>REV</small> 03
<small>MATERIAL</small>	<small>FINISH</small> 			<small>SCALE 1:3</small>	<small>DO NOT SCALE DRAWING</small>	<small>SHEET 5 OF 6</small>

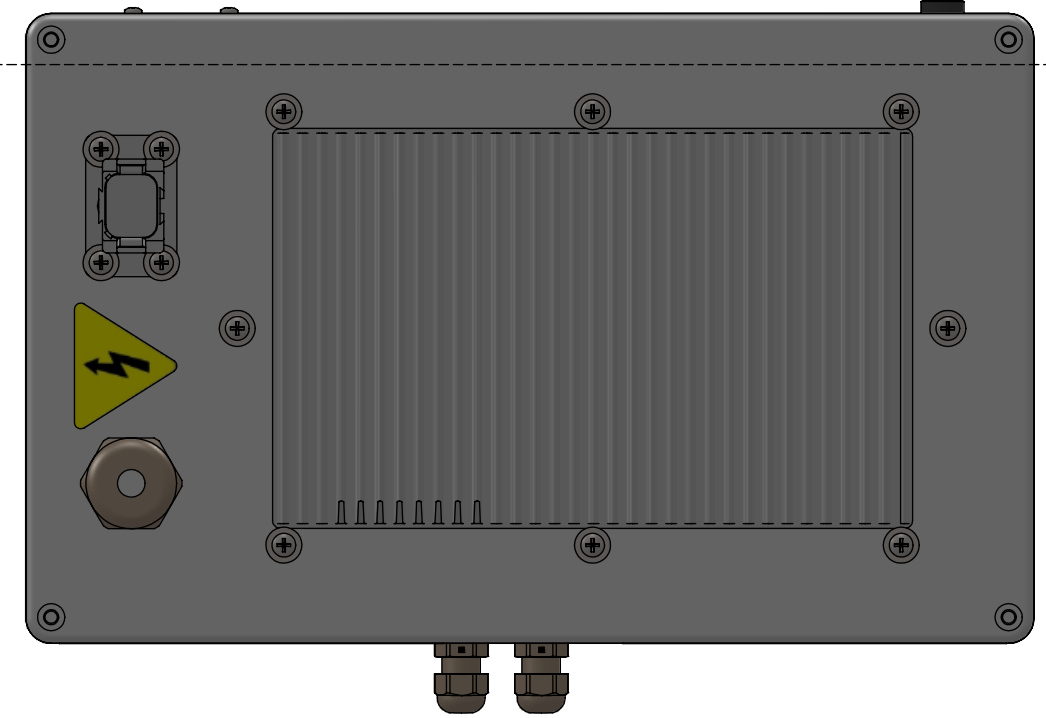
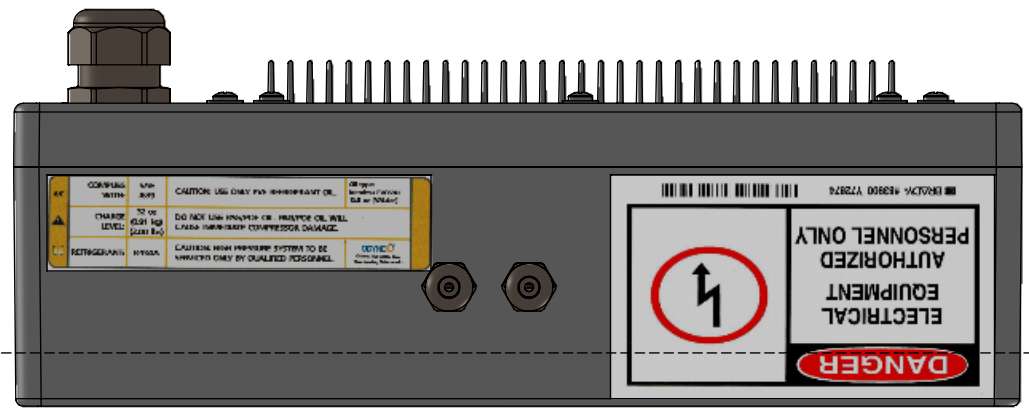
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D

D

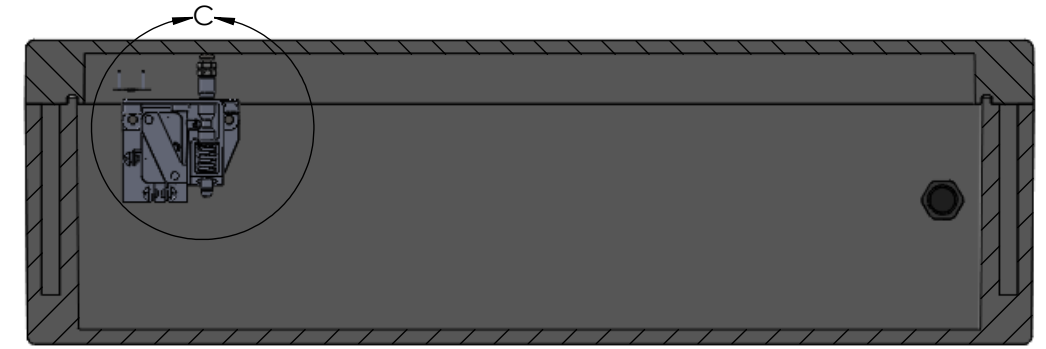
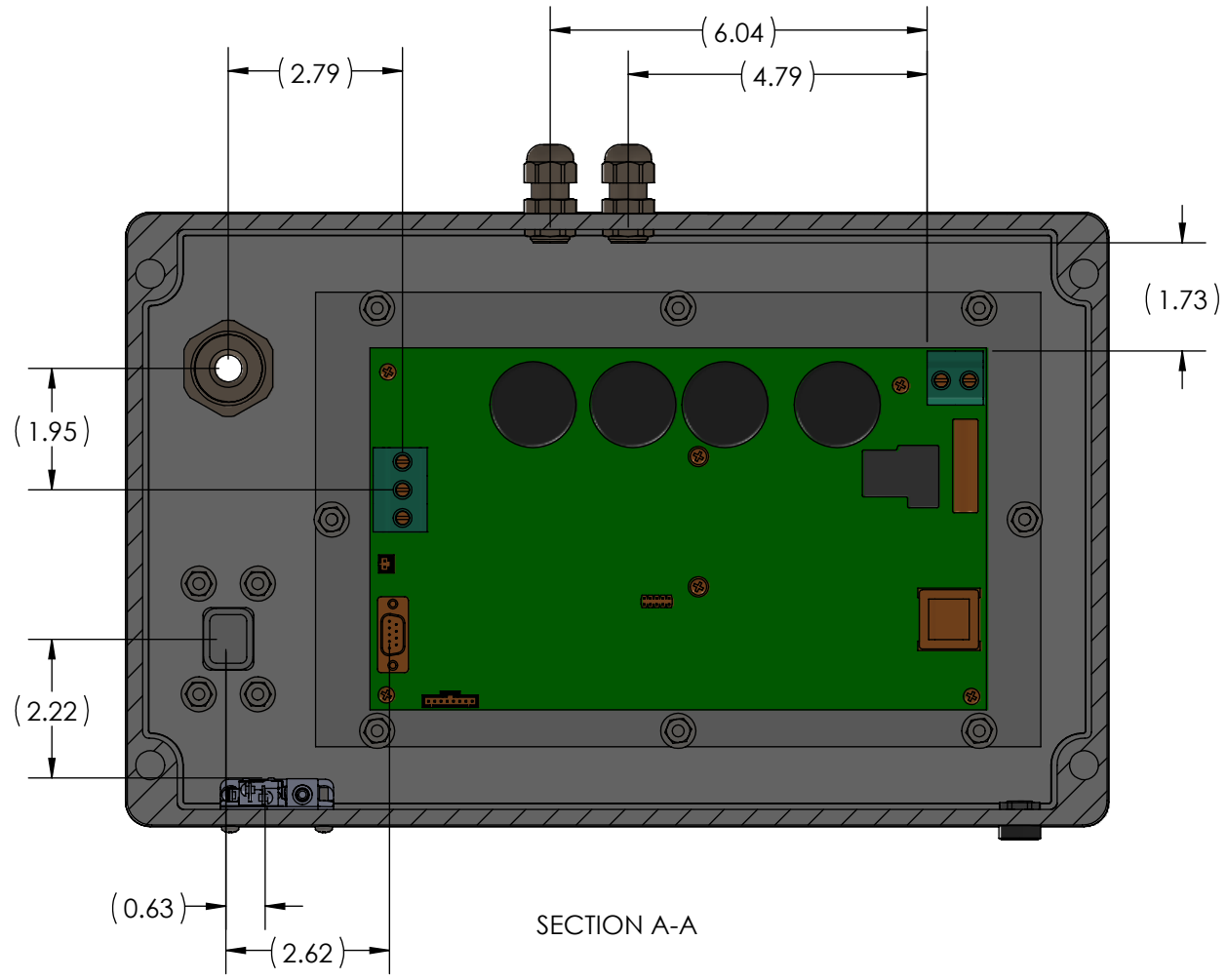
B B

A A

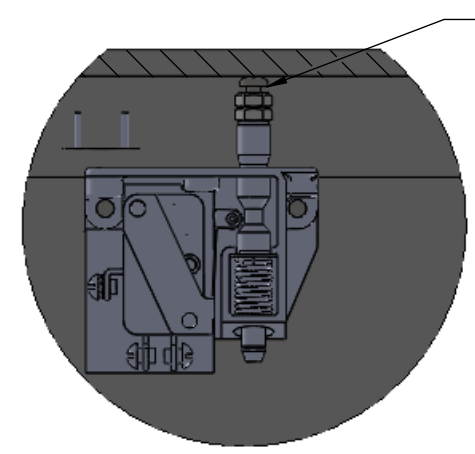


C

C



SECTION B-B



ADJUST SCREW SO THAT WHEN ENCLOSURE LID IS CLOSED THE SWITCH IS ENGAGED. LOCK THE SCREW POSITION BY TIGHTENING THE 2 NUTS AFTER PROPER HEIGHT IS DETERMINED.

DETAIL C SCALE 2 : 3

A

A

03	MOVED DECAL LOCATIONS AND ADDED DECAL PART #60015	AJC	07/09/15
REV	DESCRIPTION OF CHANGE	REVISED BY	DATE

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UNLESS OTHERWISE SPECIFIED REFERENCE DIMENSIONS SHOWN IN PARENTHESIS DIMENSIONS ARE IN INCHES		DRAWN AJC 05/16/14			
ANGULAR ± 1.0° NOMINAL ± 0.1 ONE PLACE DECIMAL ± 0.030 TWO PLACE DECIMAL ± 0.015 THREE PLACE DECIMAL ± 0.005					
MATERIAL INTERPRET GEOMETRIC TOLERANCE PER ASME Y14.5M-1994		SHEET SIZE B		PART NUMBER 70260	
FINISH		SCALE 1:3		REV 03	
		DO NOT SCALE DRAWING		SHEET 6 OF 6	

8 7 6 5 4 3 2 1