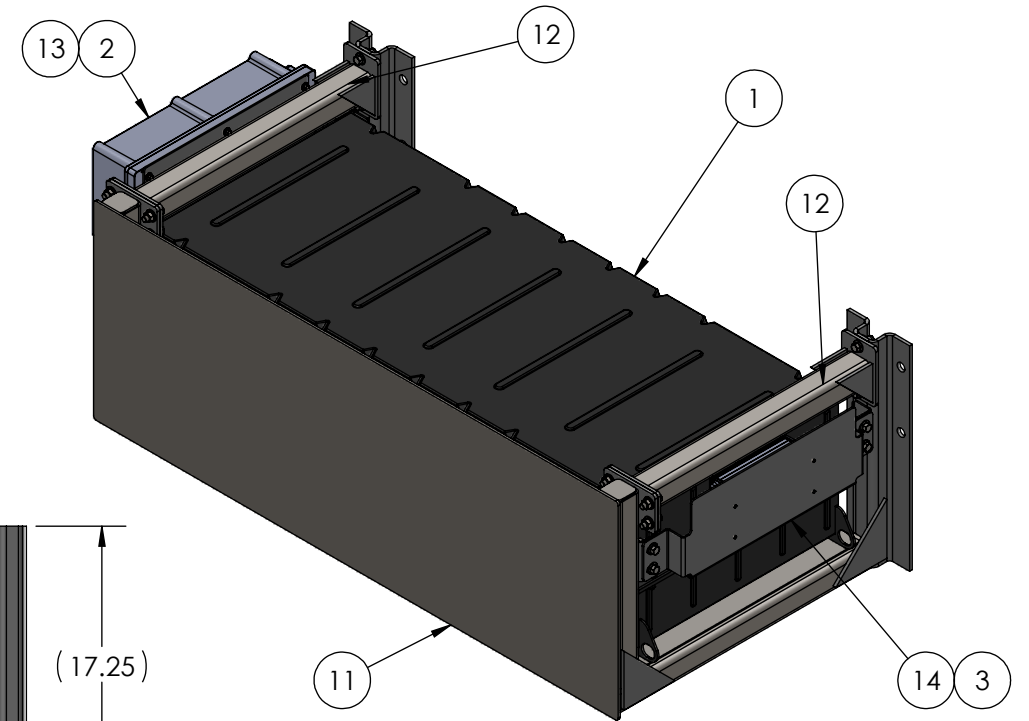
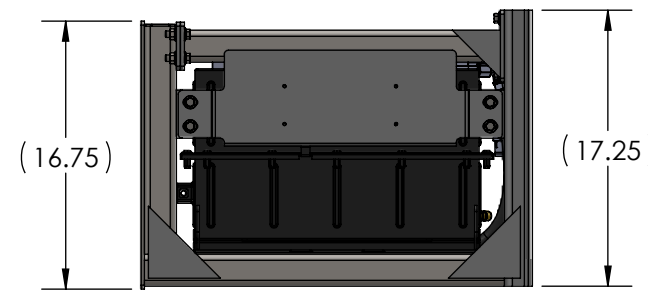
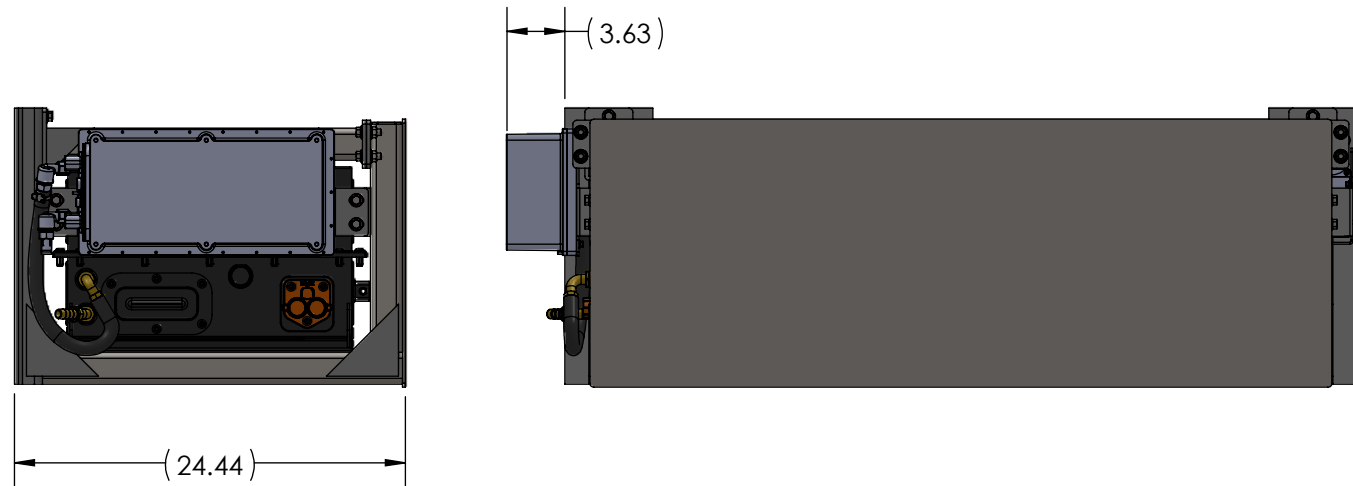
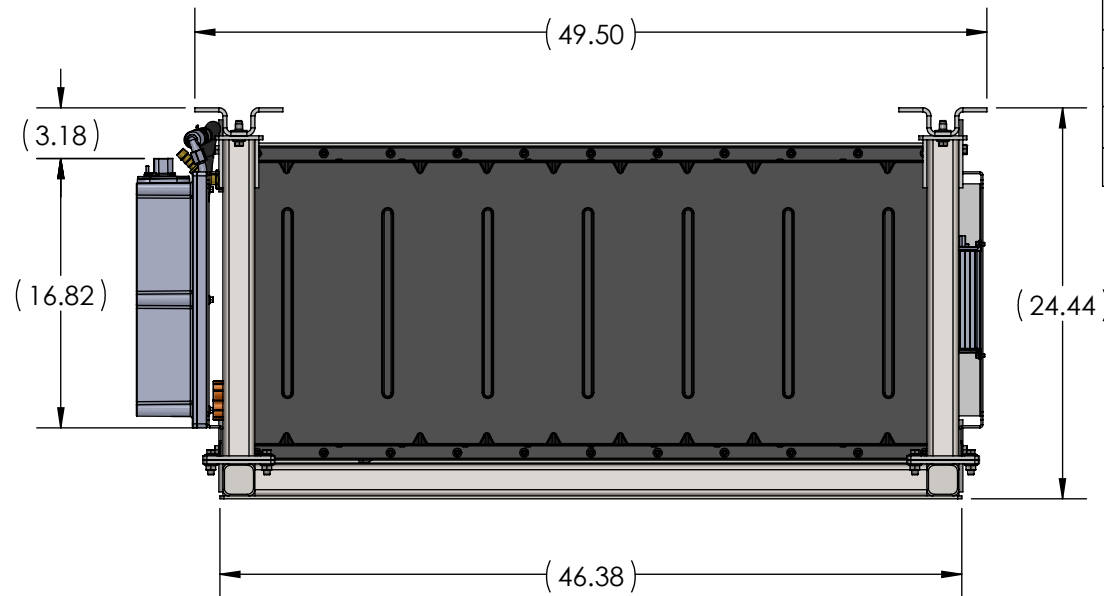


REV	REVISION	DRAWN BY	APPROVAL	DATE
01	INITIAL MANUFACTURING RELEASE	AJC	AJC	04/01/14

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
1	10044		RESS,14KW,LITHIUM ION PACK(A)	14KWH RESS PACK A SS	1
2	10079		CHARGER,3KW,J1772 INTERFACE	LIQUID COOLED,IP67	1
3	10083		MODULE,PATHWAYS SMART CHARGE	EPRI SUPPLIED	1
4	20326		HARNESS,GROUND STRAP,CS & SS	GRND STRP FOR NEW RESS HOUSING	1
5	30032		WASHER, FLAT, M8X24MM OD	ZPS	10
6	30053		BOLT,FLANGE HEAD,M10X1.5X30MM	ZPS,GR 8.8	20
7	30062		NUT,FLANGE,M10X1.5MM	ZPS,GRADE 8.8	8
8	30069		BOLT,FLANGE HEAD,M8X1.25X20MM	ZPS,GR 8.8	10
9	30108		BOLT,FLANGE HEAD,M6X1.0X12MM	ZPS,GR 8.8	6
10	30143		BOLT,FLANGE HEAD,M5X0.8X8MM	ZPS,GR 8.8	4
11	40159	03	BRACKET,RESS WELDMENT ASSY	JCI RESS,84" CA	1
12	40160	02	BRACKET,TOP TUBE ASSY	JCI RESS,84" CA	2
13	40209	03	BRACKET,CHARGER MTG PLATE	JCI RESS,84" CA	1
14	40222	01	BRACKET,EPRI MPR MOUNTING	SMART CHARGER MODULE MOUNTING	1
15	50061		ADAPTER,1/2NPT TO 10ORFS		1
16	50066		ADAPTER,3/4NPT TO 10ORFS		1
17	50068		HOSE END,45 DEG,10-10,PUSHLOC	ORFS,801 HOSE	1
18	50069		HOSE END,90 DEG,10-10,PUSHLOC	ORFS,801 HOSE,SHORT DROP	1
20	50072		HOSE,5/8",BLACK		60 CM
21	50077		CLAMP,HOSE,BAND,25MM	CONSTANT TENSION	1



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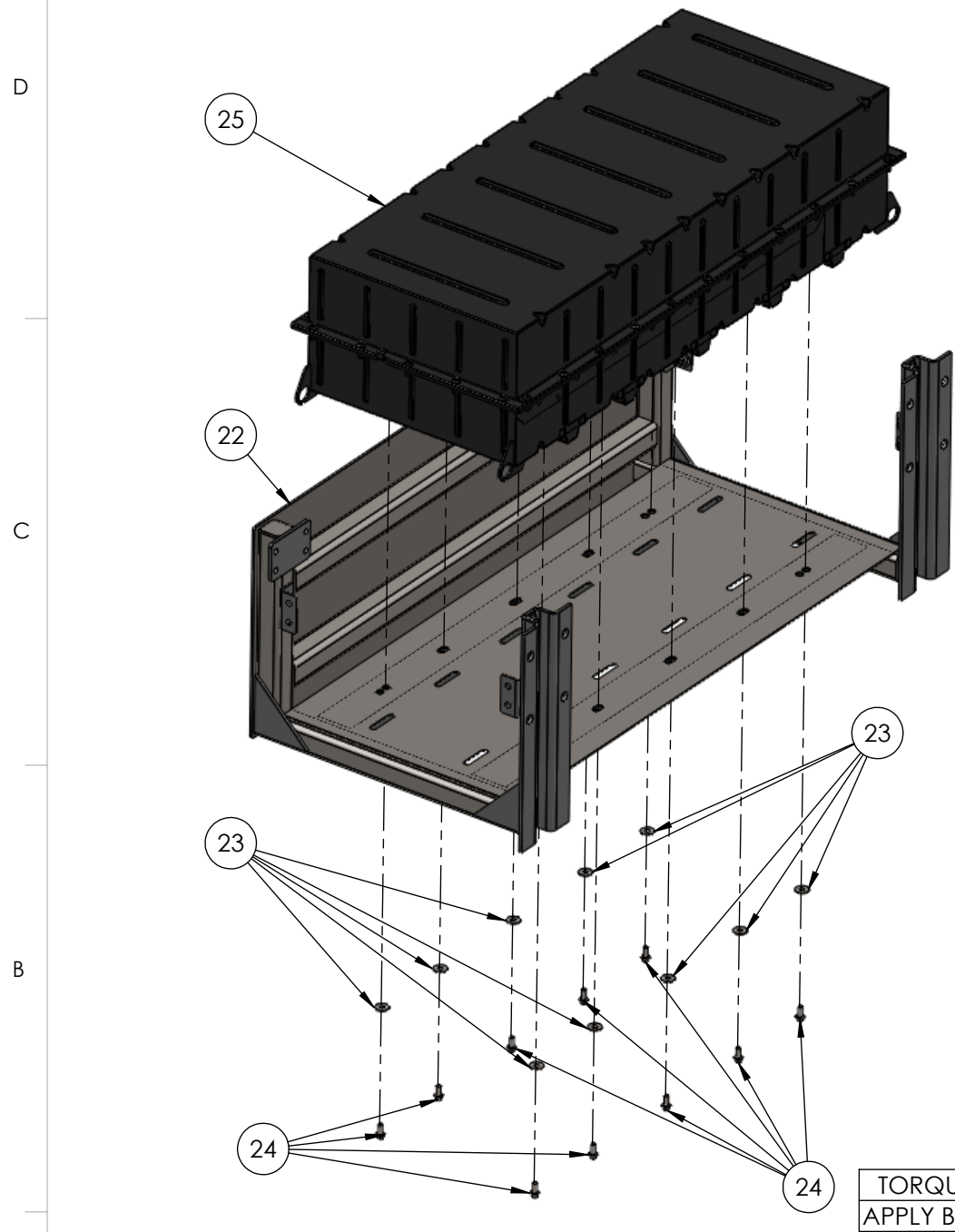
UNLESS OTHERWISE SPECIFIED REFERENCE DIMENSIONS SHOWN IN PARENTHESIS DIMENSIONS ARE IN INCHES	DRAWN	AJC	04/01/14
	CHECKED	AJC	04/01/14
ANGULAR ± 1.0°	ENG APPR	AJC	4/1/2014
NOMINAL ± 0.125	MFG APPR	AJC	04/01/14
ONE PLACE DECIMAL ± 0.060	QA APPR		
TWO PLACE DECIMAL ± 0.030			
THREE PLACE DECIMAL ± 0.010			
MATERIAL	INTERPRET GEOMETRIC TOLERANCE PER ASME Y14.5M-1994		
FINISH			



SUB ASSY,RESS,STREETSIDE
JCI RESS,CHARGER

SIZE B	PART NUMBER 70204	REV 01
SCALE 1:12	DO NOT SCALE DRAWING	SHEET 1 OF 6

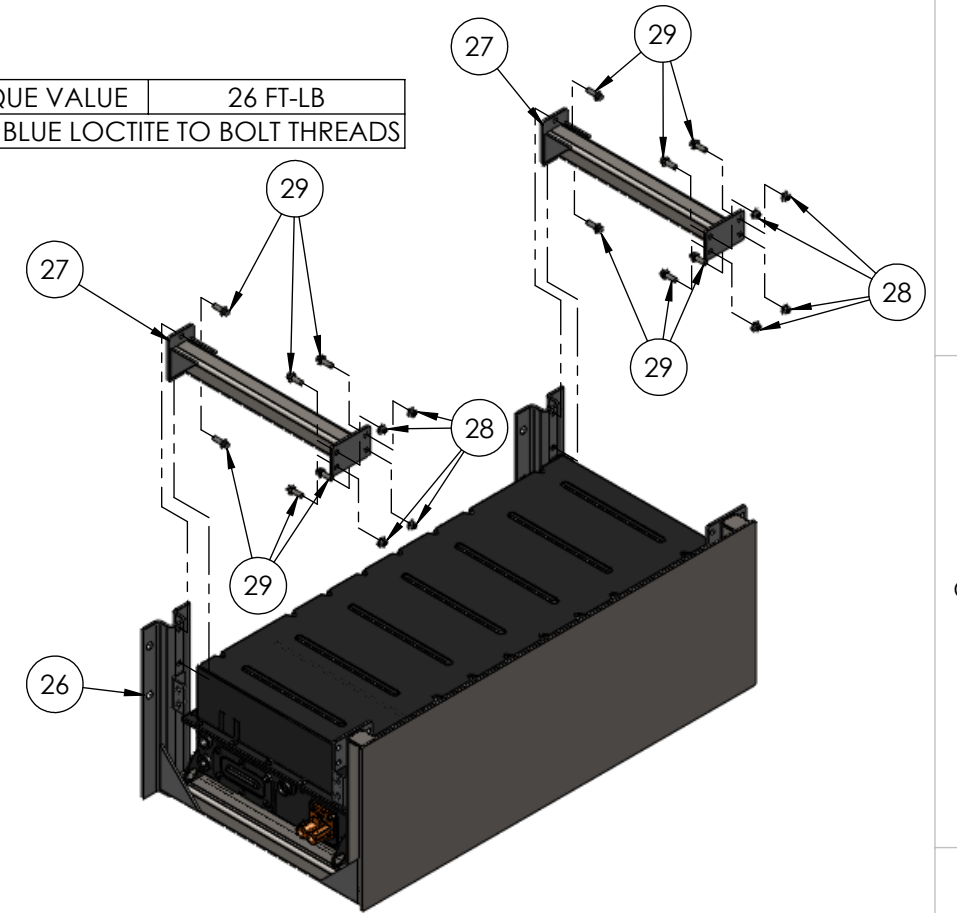
REV	REVISION	DRAWN BY	APPROVAL	DATE
01	INITIAL MANUFACTURING RELEASE	AJC	AJC	04/01/14



ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
22	40159	03	BRACKET,RESS WELDMNT ASSY	JCI RESS,84" CA	1
23	30032		WASHER, FLAT, M8X24MM OD	ZPS	10
24	30069		BOLT,FLANGE HEAD,M8X1.25X20MM	ZPS,GR 8.8	10
25	10044		RESS,14KW,LITHIUM ION PACK(A)	14KWH RESS PACK A SS	1

BATTERY INSTALLATION

TORQUE VALUE 26 FT-LB
APPLY BLUE LOCTITE TO BOLT THREADS



ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
26	40159	03	BRACKET,RESS WELDMNT ASSY	JCI RESS,84" CA	1
27	40160	02	BRACKET, TOP TUBE ASSY	JCI RESS,84" CA	2
28	30062		NUT,FLANGE,M10X1.5MM	ZPS,GRADE 8.8	8
29	30053		BOLT,FLANGE HEAD,M10X1.5X30MM	ZPS,GR 8.8	12

TOP BATTERY BRACKET INSTALLATION

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UNLESS OTHERWISE SPECIFIED REFERENCE DIMENSIONS SHOWN IN PARENTHESIS DIMENSIONS ARE IN INCHES	DRAWN	AJC	04/01/14
	CHECKED	AJC	04/01/14
ANGULAR NOMINAL ± 1.0° ± 0.125	ENG APPR	AJC	4/1/2014
ONE PLACE DECIMAL ± 0.060	MFG APPR	AJC	04/01/14
TWO PLACE DECIMAL ± 0.030	QA APPR		
THREE PLACE DECIMAL ± 0.010			

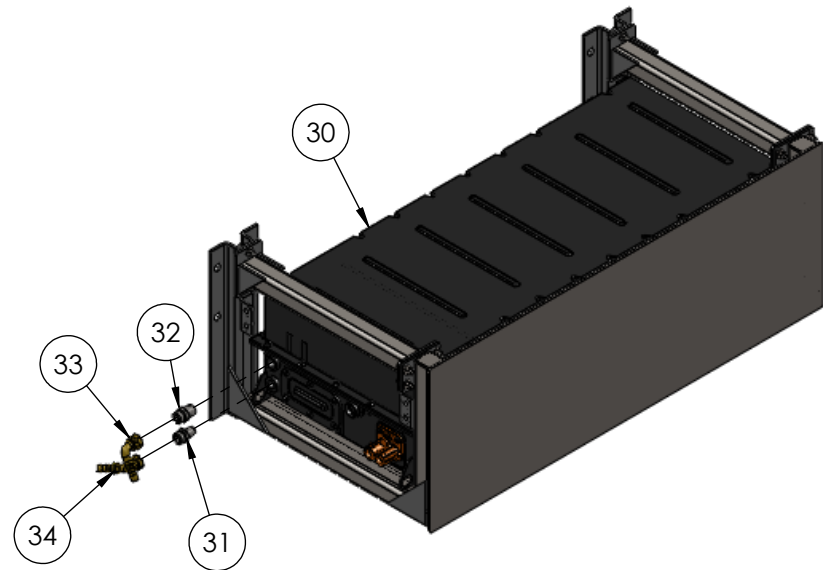
MATERIAL
INTERPRET GEOMETRIC TOLERANCE PER
ASME Y14.5M-1994



SUB ASSY,RESS,STREETSIDE
JCI RESS,CHARGER

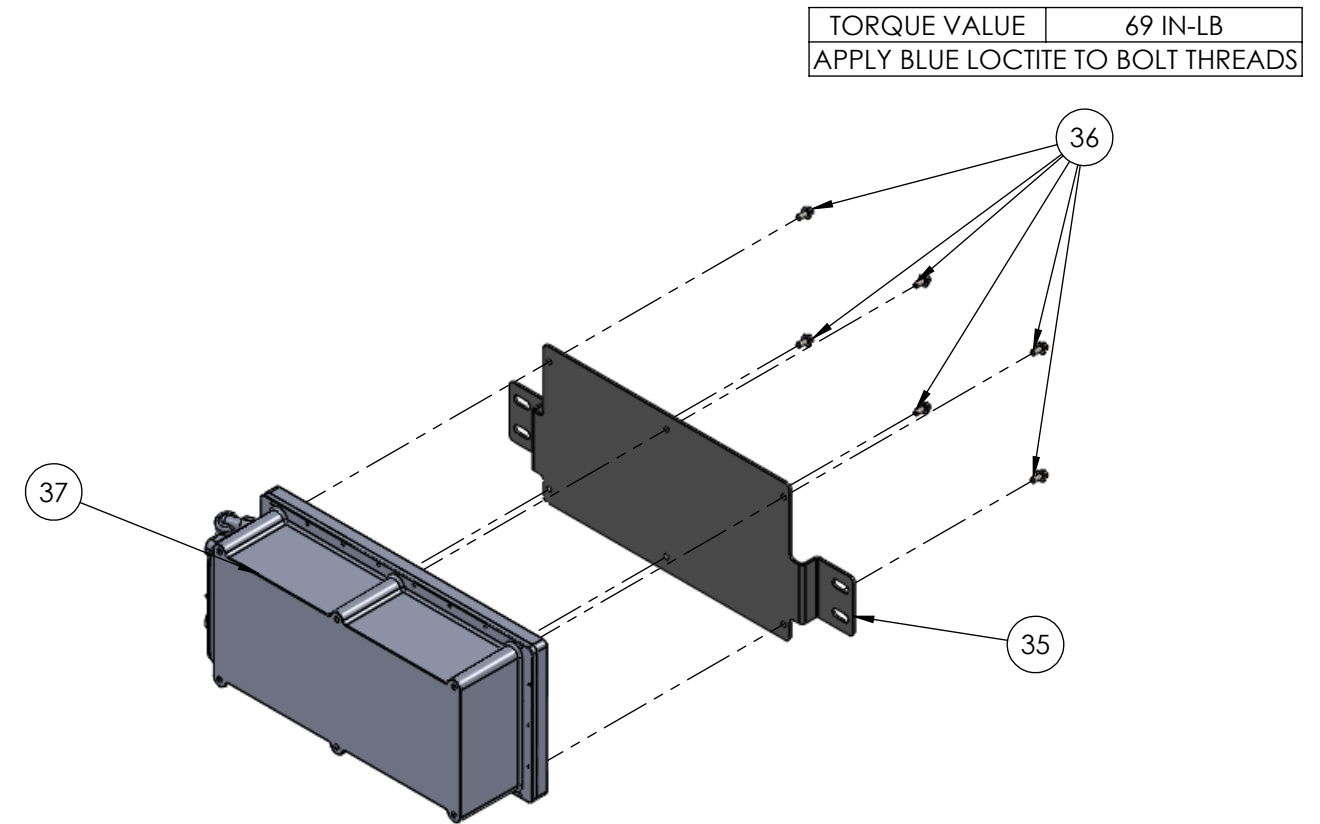
SIZE	PART NUMBER	REV
B	70204	01
SCALE 1:12	DO NOT SCALE DRAWING	SHEET 2 OF 6

REV	REVISION	DRAWN BY	APPROVAL	DATE
01	INITIAL MANUFACTURING RELEASE	AJC	AJC	04/01/14



ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
30	10044		RESS,14KW,LITHIUM ION PACK(A)	14KWH RESS PACK A SS	1
31	50061		ADAPTER,1/2NPT TO 10ORFS		1
32	50066		ADAPTER,3/4NPT TO 10ORFS		1
33	50069		HOSE END,90 DEG,10-10,PUSHLOC	ORFS,801 HOSE,SHORT DROP	1
34	50068		HOSE END,45 DEG,10-10,PUSHLOC	ORFS,801 HOSE	1

BATTERY HOSE FITTING INSTALLATION



TORQUE VALUE	69 IN-LB
APPLY BLUE LOCTITE TO BOLT THREADS	

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
35	40209	03	BRACKET,CHARGER MTG PLATE	JCI RESS,84" CA	1
36	30108		BOLT,FLANGE HEAD,M6X1.0X12MM	ZPS,GR 8.8	6
37	10079		CHARGER,3KW,J1772 INTERFACE	LIQUID COOLED,IP67	1

BATTERY CHARGER TO CHARGER BRACKET INSTALLATION

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UNLESS OTHERWISE SPECIFIED
REFERENCE DIMENSIONS SHOWN IN PARENTHESIS
DIMENSIONS ARE IN INCHES

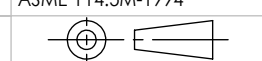
ANGULAR ± 1.0°
NOMINAL ± 0.125
ONE PLACE DECIMAL ± 0.060
TWO PLACE DECIMAL ± 0.030
THREE PLACE DECIMAL ± 0.010

MATERIAL

FINISH

DRAWN	AJC	04/01/14
CHECKED	AJC	04/01/14
ENG APPR	AJC	4/1/2014
MFG APPR	AJC	04/01/14
QA APPR		

INTERPRET GEOMETRIC TOLERANCE PER
ASME Y14.5M-1994



SUB ASSY,RESS,STREETSIDE
JCI RESS,CHARGER

SIZE B	PART NUMBER 70204	REV 01
SCALE 1:12	DO NOT SCALE DRAWING	SHEET 3 OF 6

REV	REVISION	DRAWN BY	APPROVAL	DATE
01	INITIAL MANUFACTURING RELEASE	AJC	AJC	04/01/14

D

D

C

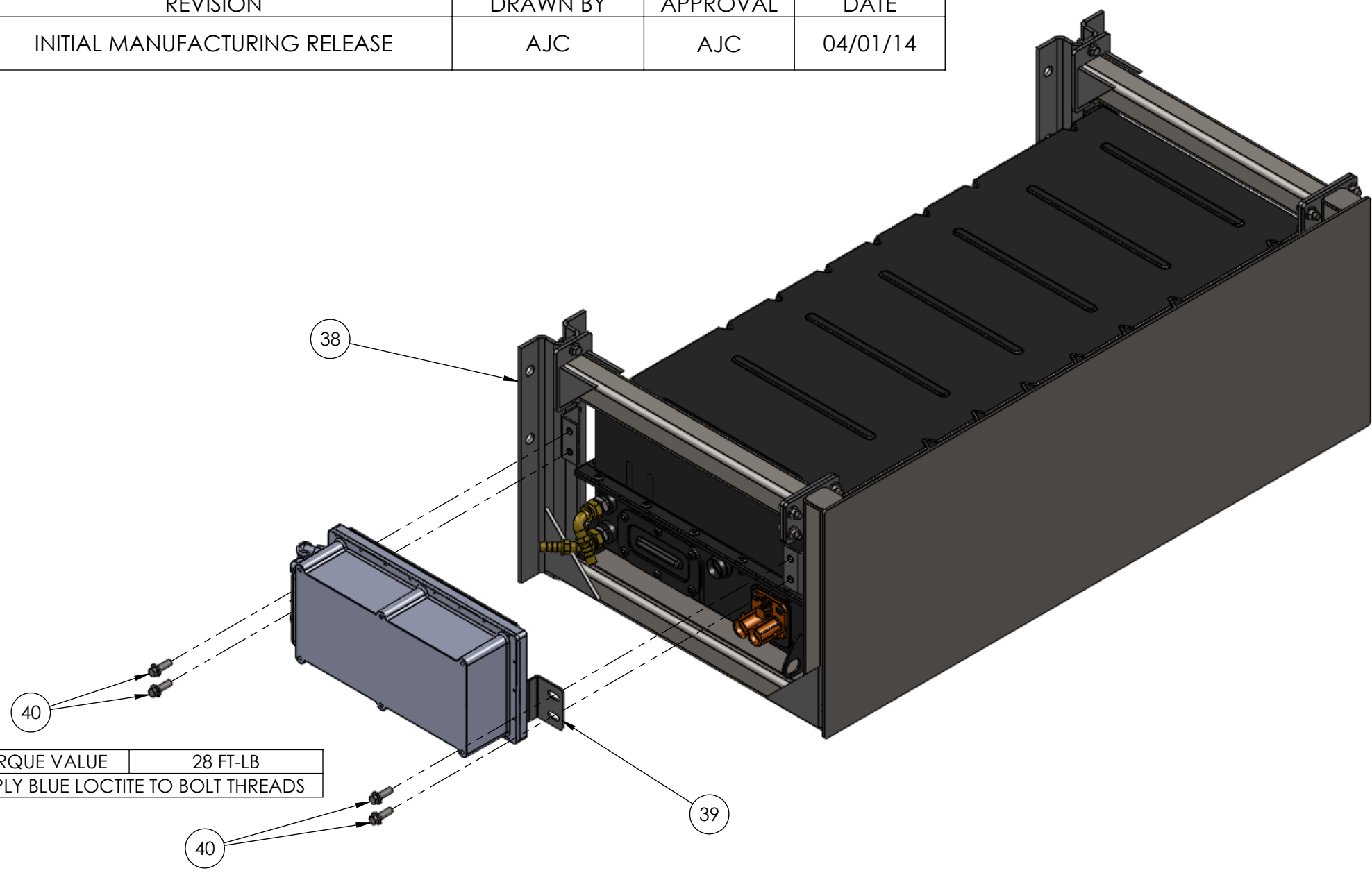
C

B

B

A

A



TORQUE VALUE	28 FT-LB
APPLY BLUE LOCTITE TO BOLT THREADS	

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
38	40159	03	BRACKET,RESS WELDMENT ASSY	JCI RESS,84" CA	1
39	40209	03	BRACKET,CHARGER MTG PLATE	JCI RESS,84" CA	1
40	30053		BOLT,FLANGE HEAD,M10X1.5X30MM	ZPS,GR 8.8	4

BATTERY CHARGER BRACKET INSTALLATION

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UNLESS OTHERWISE SPECIFIED REFERENCE DIMENSIONS SHOWN IN PARENTHESIS DIMENSIONS ARE IN INCHES	DRAWN	AJC	04/01/14
	CHECKED	AJC	04/01/14
ANGULAR NOMINAL ± 1.0°	ENG APPR	AJC	4/1/2014
± 0.125	MFG APPR	AJC	04/01/14
ONE PLACE DECIMAL ± 0.060	QA APPR		
TWO PLACE DECIMAL ± 0.030			
THREE PLACE DECIMAL ± 0.010			
MATERIAL	INTERPRET GEOMETRIC TOLERANCE PER ASME Y14.5M-1994		
FINISH			

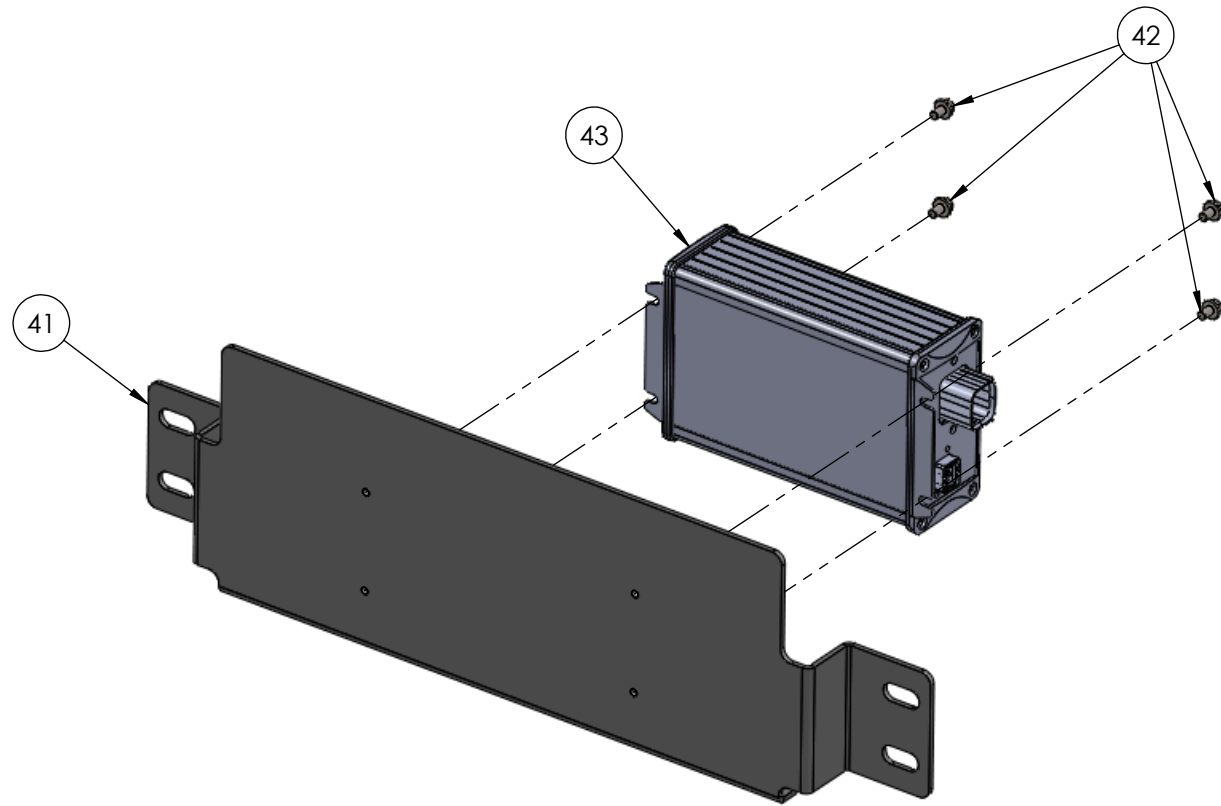


SUB ASSY,RESS,STREETSIDE
 JCI RESS,CHARGER

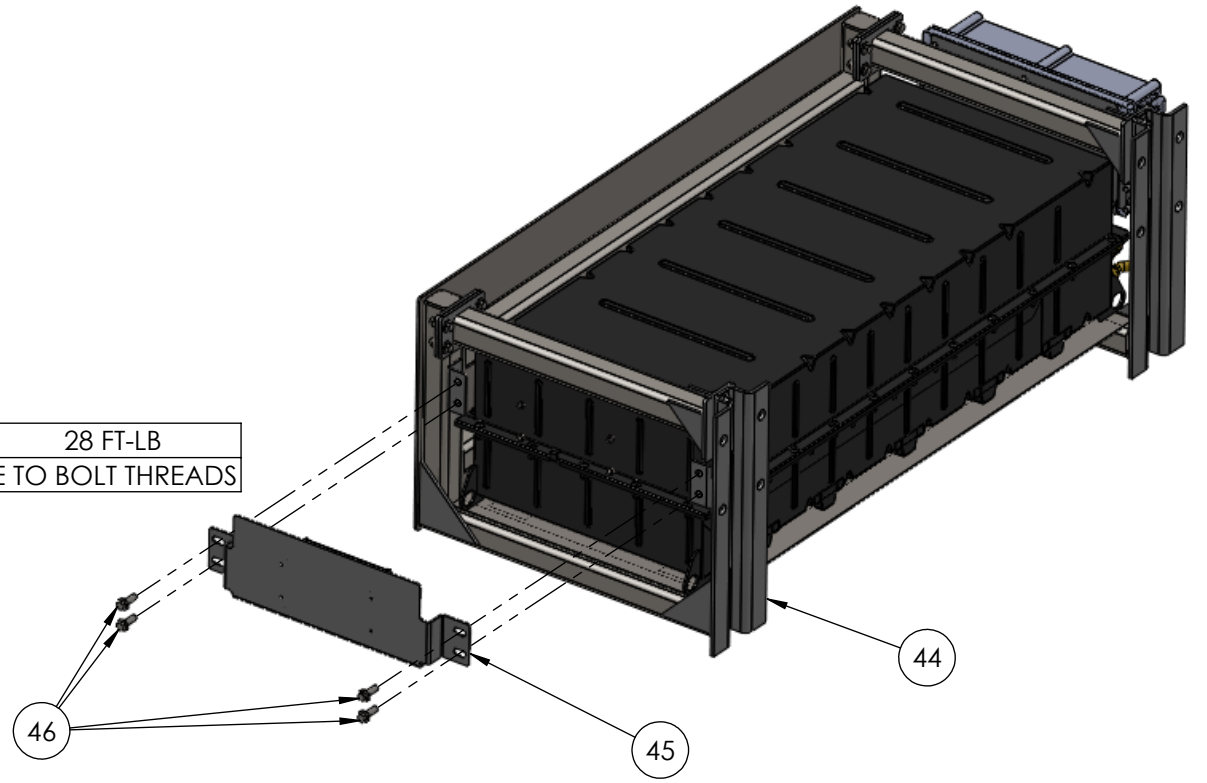
SIZE B	PART NUMBER 70204	REV 01
SCALE 1:12	DO NOT SCALE DRAWING	SHEET 4 OF 6

REV	REVISION	DRAWN BY	APPROVAL	DATE
01	INITIAL MANUFACTURING RELEASE	AJC	AJC	04/01/14

TORQUE VALUE	41 IN-LB
APPLY BLUE LOCTITE TO BOLT THREADS	



TORQUE VALUE	28 FT-LB
APPLY BLUE LOCTITE TO BOLT THREADS	



ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
41	40222	01	BRACKET,EPRI MPR MOUNTING	SMART CHARGER MODULE MOUNTING	1
42	30143		BOLT,FLANGE HEAD,M5X0.8X8MM	ZPS,GR 8.8	4
43	10083		MODULE,PATHWAYS SMART CHARGE	EPRI SUPPLIED	1

PATHWAYS INSTALLATION

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
44	40159	03	BRACKET,RESS WELDMENT ASSY	JCI RESS,84" CA	1
45	40222	01	BRACKET,EPRI MPR MOUNTING	SMART CHARGER MODULE MOUNTING	1
46	30053		BOLT,FLANGE HEAD,M10X1.5X30MM	ZPS,GR 8.8	4

PATHWAYS BRACKET INSTALLATION

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UNLESS OTHERWISE SPECIFIED REFERENCE DIMENSIONS SHOWN IN PARENTHESIS DIMENSIONS ARE IN INCHES	DRAWN	AJC	04/01/14
	CHECKED	AJC	04/01/14
ANGULAR ± 1.0°	ENG APPR	AJC	4/1/2014
NOMINAL ± 0.125	MFG APPR	AJC	04/01/14
ONE PLACE DECIMAL ± 0.060	QA APPR		
TWO PLACE DECIMAL ± 0.030			
THREE PLACE DECIMAL ± 0.010			
MATERIAL	INTERPRET GEOMETRIC TOLERANCE PER ASME Y14.5M-1994		
FINISH			

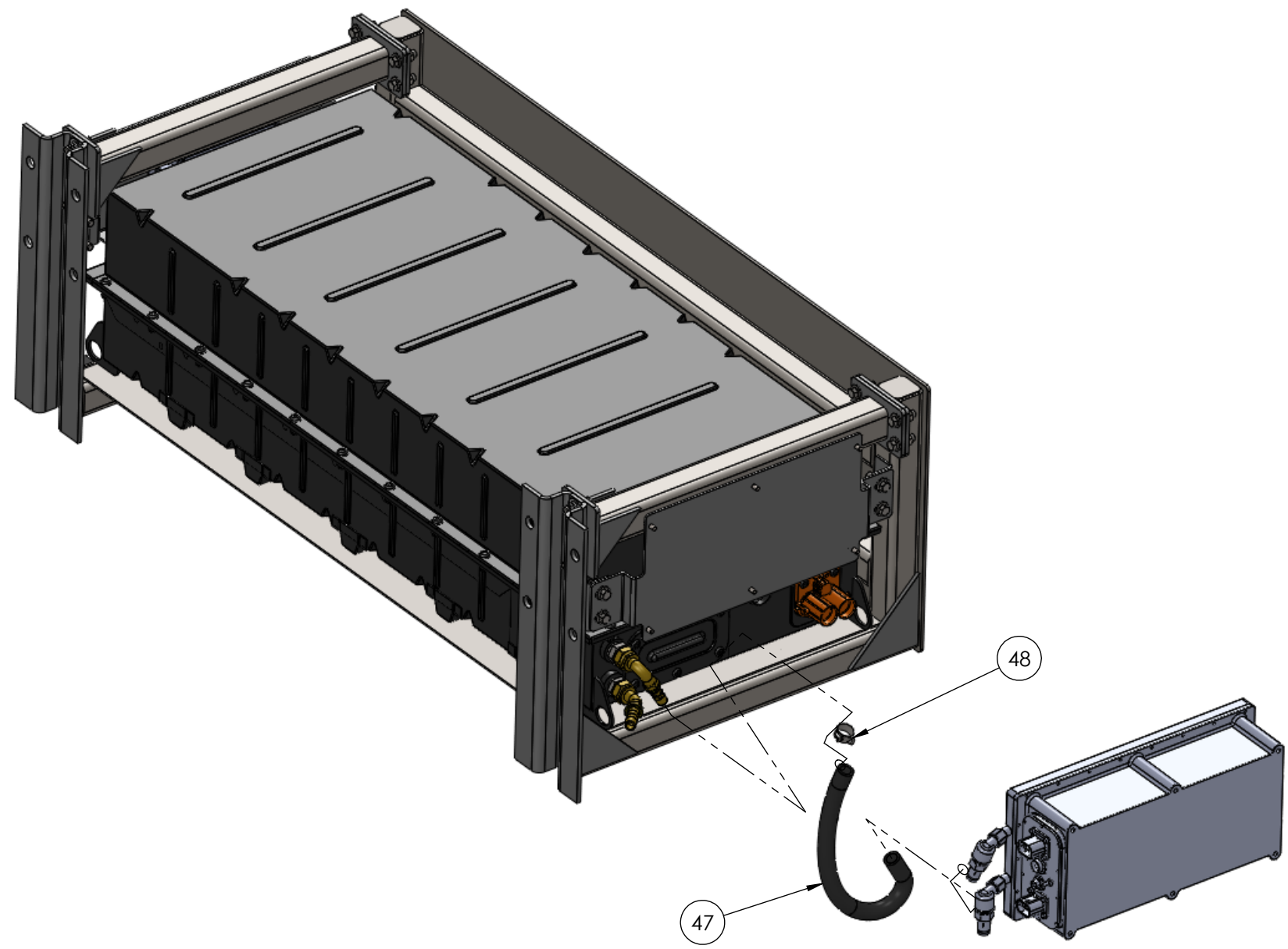


SUB ASSY,RESS,STREETSIDE
 JCI RESS,CHARGER

SIZE B	PART NUMBER 70204	REV 01
SCALE 1:12	DO NOT SCALE DRAWING	SHEET 5 OF 6

REV	REVISION	DRAWN BY	APPROVAL	DATE
01	INITIAL MANUFACTURING RELEASE	AJC	AJC	04/01/14

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
47	50072		HOSE,5/8",BLACK		60 CM
48	50077		CLAMP,HOSE,BAND,25MM	CONSTANT TENSION	1



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UNLESS OTHERWISE SPECIFIED REFERENCE DIMENSIONS SHOWN IN PARENTHESIS DIMENSIONS ARE IN INCHES	DRAWN	AJC	04/01/14
	CHECKED	AJC	04/01/14
ANGULAR ± 1.0°	ENG APPR	AJC	4/1/2014
NOMINAL ± 0.125	MFG APPR	AJC	04/01/14
ONE PLACE DECIMAL ± 0.060	QA APPR		
TWO PLACE DECIMAL ± 0.030			
THREE PLACE DECIMAL ± 0.010			
MATERIAL	INTERPRET GEOMETRIC TOLERANCE PER ASME Y14.5M-1994		
FINISH			



SUB ASSY,RESS,STREETSIDE
 JCI RESS,CHARGER

SIZE B	PART NUMBER 70204	REV 01
SCALE 1:8	DO NOT SCALE DRAWING	SHEET 6 OF 6