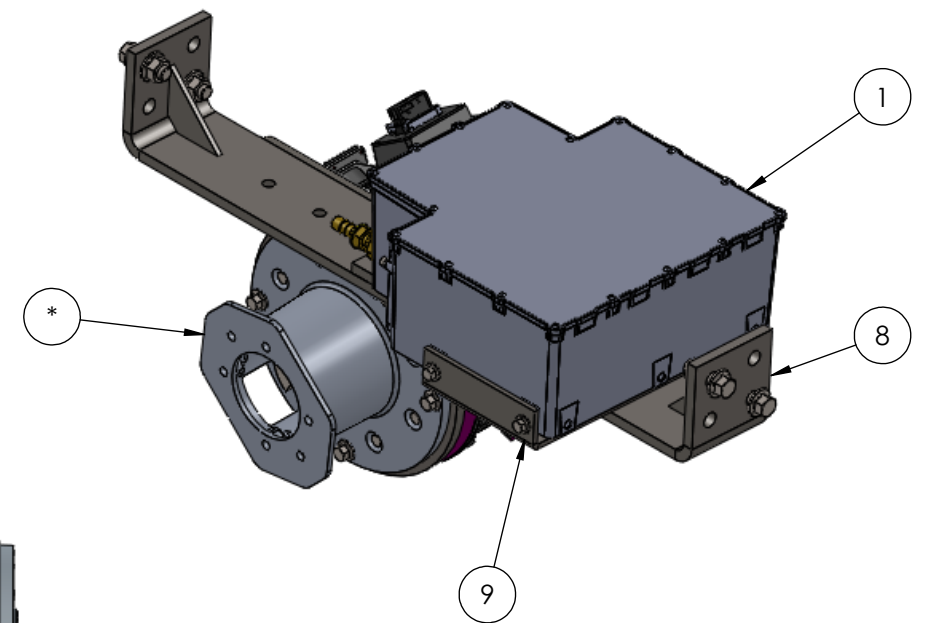
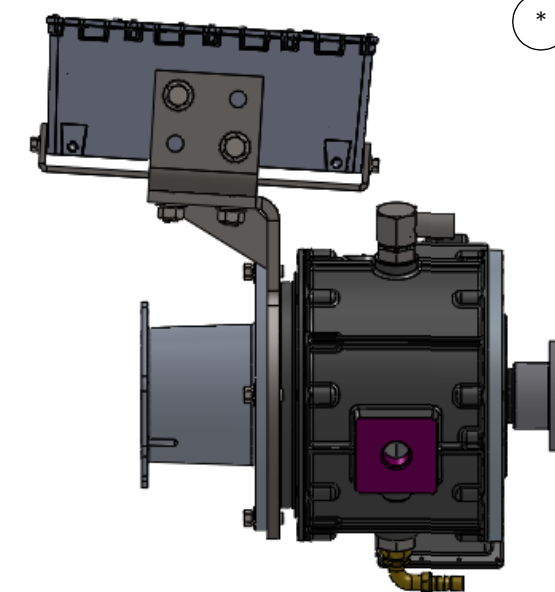
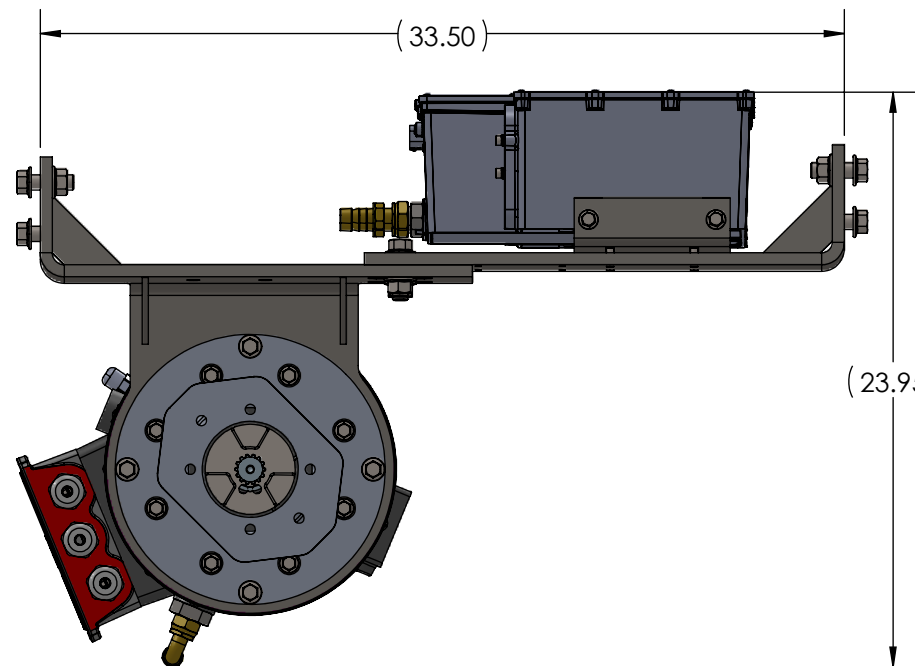
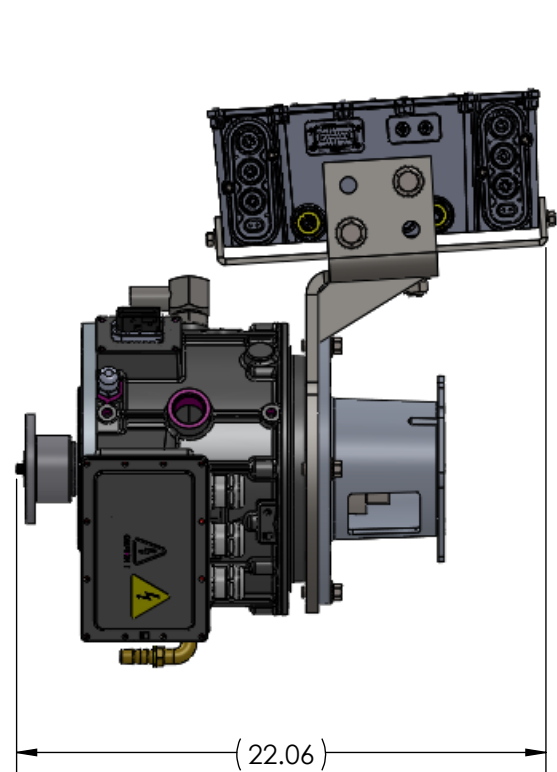


ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
1	10001		INVERTER, TRACTION, 200KW	PRODUCTION MODEL	1
2	30053		BOLT, FLANGE HEAD, M10X1.5X30MM	ZPS, GR 8.8	4
3	30054		BOLT, FLANGE HEAD, M16X2.0X45MM	ZPS, GR 8.8	6
4	30055		NUT, FLANGE, M16X2.0MM	ZPS, GR 8.8	6
5	30069		BOLT, FLANGE HEAD, M8X1.25X20MM	ZPS, GR 8.8	4
6	30099		WASHER, LOCK, M6		4
7	30103		BOLT, SHCS, M6X1.0X16MM	SS, HEX HEAD	4
8	40005	07	BRACKET, INVERTER SUPPORT ASSY	PHOENIX INVERTER	1
9	40061	06	BRACKET, INVERTER MOUNTING	PHOENIX INVERTER	1
10	50067		ADAPTER, M22X1.5 TO 10ORFS		2
11	50071		HOSE END, STRGHT, 10-10, PUSHLOC	ORFS, 801 HOSE	2
*	70168	05	SUB-ASSY, MOTOR/BACKET	HYDRAULIC, SAE B	1
*	70176	05	SUB-ASSY, MOTOR/BACKET	HYDRAULIC, SAE C	1
*	70177	05	SUB-ASSY, MOTOR/BACKET	PNEUMATIC	1
*	70178	04	SUB-ASSY, MOTOR/BACKET	G2V2 PIE WAGON	1
*	70224	05	SUB-ASSY, MOTOR/BACKET, EXT	HYDRAULIC, SAE B, EXTENDED BKT	1
*	70225	05	SUB-ASSY, MOTOR/BACKET, EXT	HYDRAULIC, SAE C, EXTENDED BKT	1
*	70226	05	SUB-ASSY, MOTOR/BACKET, EXT	PNEUMATIC, EXTENDED BKT	1

\* DENOTES ANY OF THE LISTED MOTOR SUB-ASSEMBLIES CAN BE USED

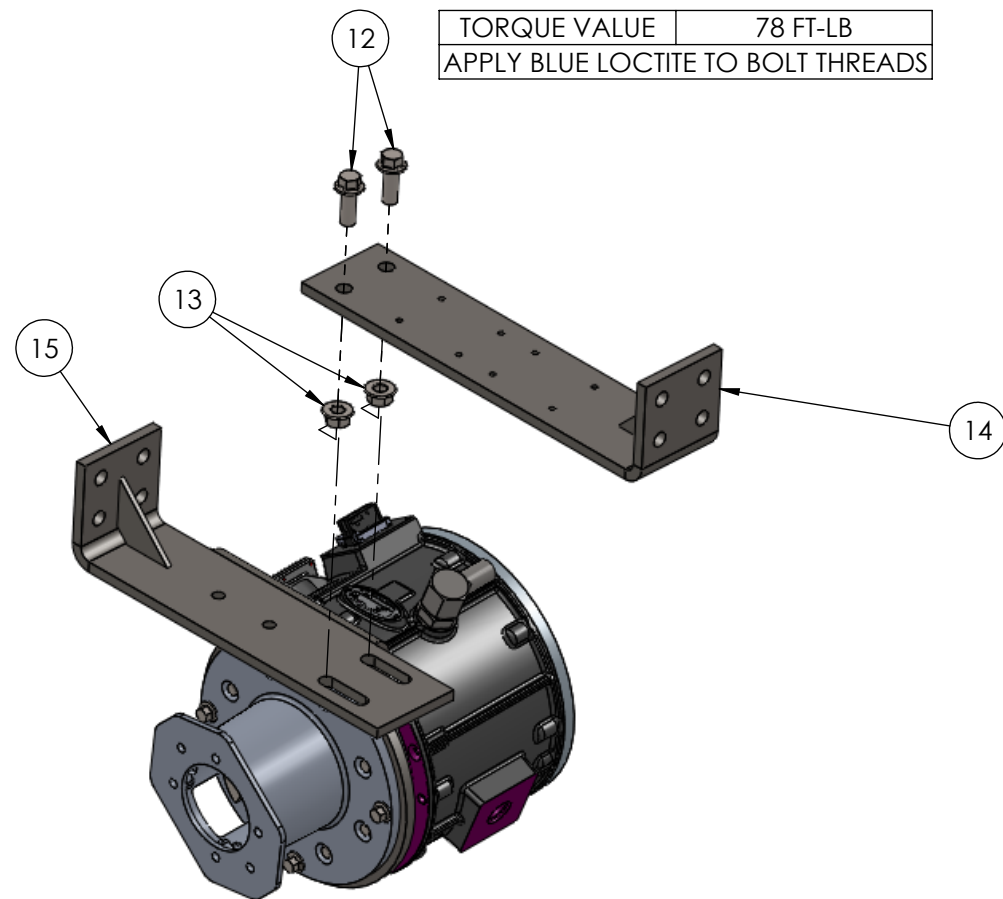


REV	DESCRIPTION OF CHANGE	REVISED BY	DATE
06	REVISED PART #70168, 70176, 70177, 70178, 70224, 70225, & 70226	AJC	10/21/15

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UNLESS OTHERWISE SPECIFIED REFERENCE DIMENSIONS SHOWN IN PARENTHESIS DIMENSIONS ARE IN INCHES	DRAWN	AJC	01/16/14
ANGULAR ± 1.0°			
NOMINAL ± 0.125			
ONE PLACE DECIMAL ± 0.060			
TWO PLACE DECIMAL ± 0.030			
THREE PLACE DECIMAL ± 0.010			
MATERIAL	INTERPRET GEOMETRIC TOLERANCE PER ASME Y14.5M-1994		
FINISH			

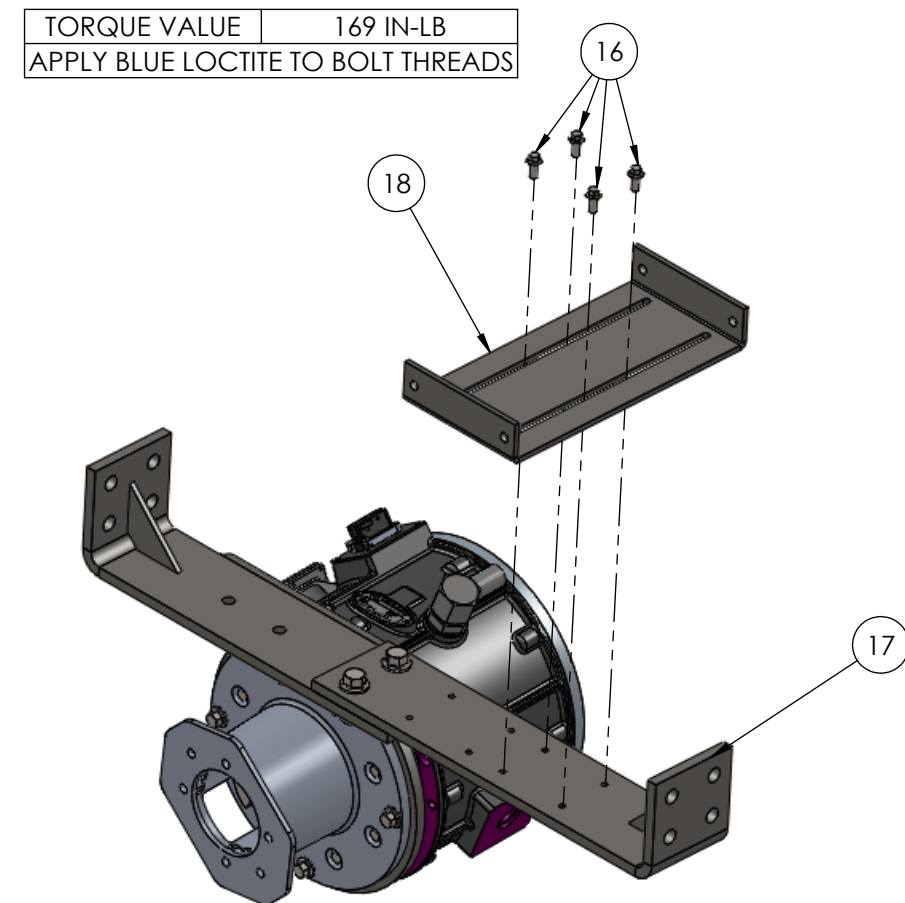
 www.odyne.com		
SUB-ASSY, MOTOR/INVERTER TABLE DRAWING		
SHEET SIZE	PART NUMBER	REV
B	70227	06
SCALE	DO NOT SCALE DRAWING	
1:12	SHEET 1 OF 4	

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
16	30069		BOLT,FLANGE HEAD,M8X1.25X20MM	ZPS,GR 8.8	4
17	40005	07	BRACKET,INVERTER SUPPORT ASSY	PHOENIX INVERTER	1
18	40061	06	BRACKET,INVERTER MOUNTING	PHOENIX INVERTER	1




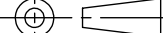
ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
12	30054		BOLT,FLANGE HEAD,M16X2.0X45MM	ZPS,GR 8.8	2
13	30055		NUT,FLANGE,M16X2.0MM	ZPS,GR 8.8	2
14	40005	07	BRACKET,INVERTER SUPPORT ASSY	PHOENIX INVERTER	1
15	70168	05	SUB-ASSY,MOTOR/BACKET	HYDRAULIC,SAE B	1

INVERTER SUPPORT BRACKET INSTALLATION

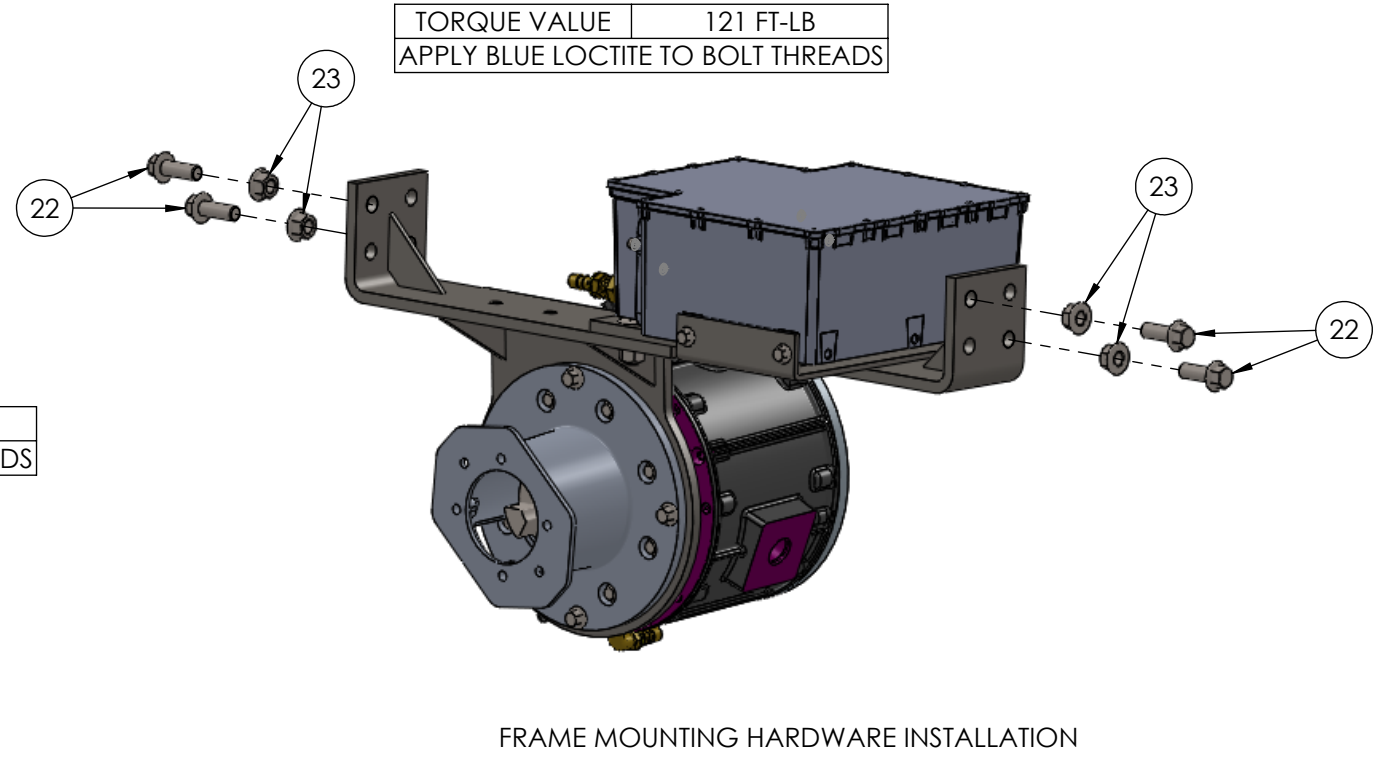
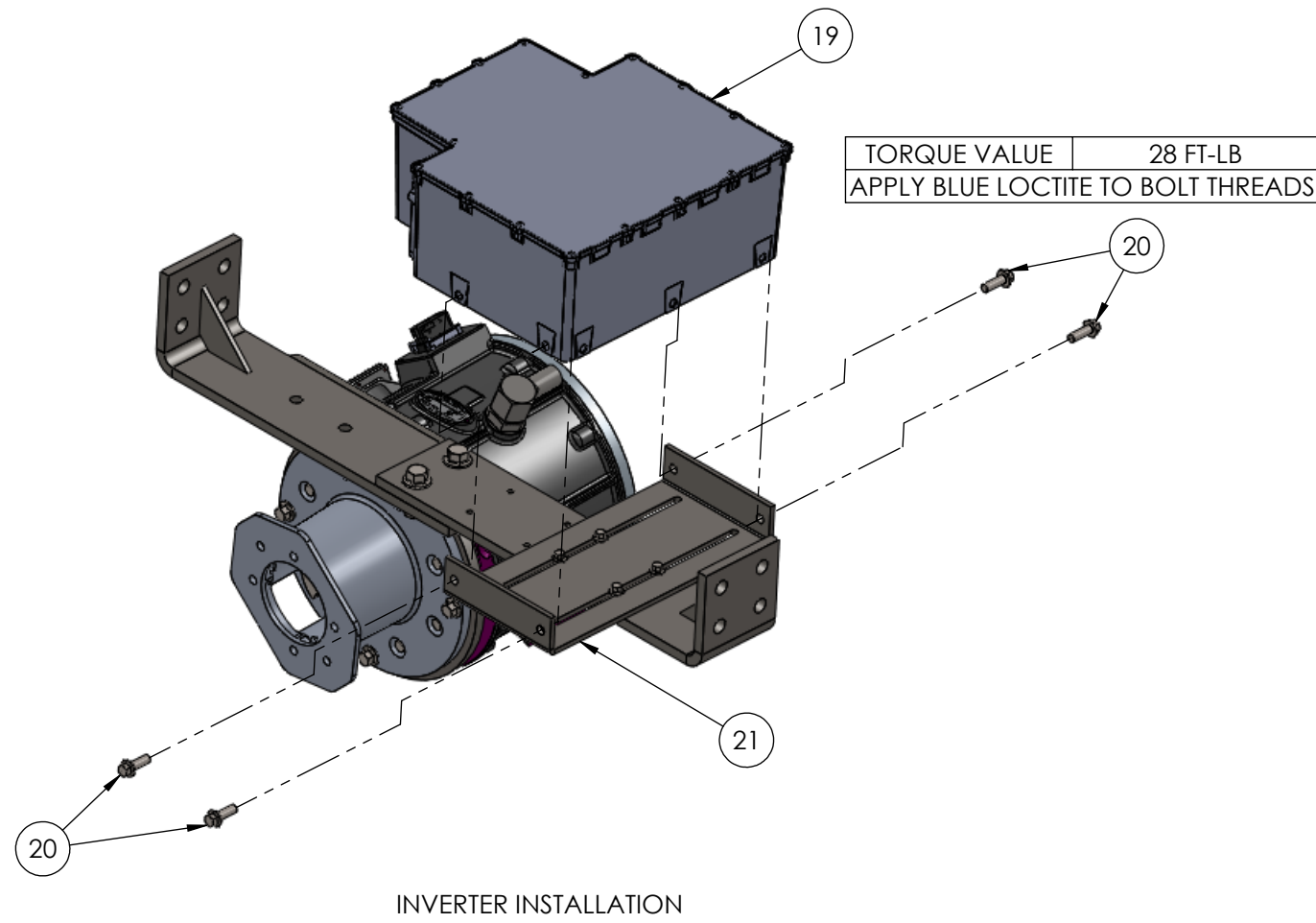


INVERTER BRACKET INSTALLATION

REV	DESCRIPTION OF CHANGE	REVISED BY	DATE
06	REVISED PART #70168, 70176, 70177, 70178, 70224, 70225, & 70226	AJC	10/21/15

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<small>UNLESS OTHERWISE SPECIFIED          REFERENCE DIMENSIONS SHOWN IN PARENTHESIS          DIMENSIONS ARE IN INCHES</small>		DRAWN AJC 01/16/14			
<small>ANGULAR ± 1.0°          NOMINAL ± 0.125          ONE PLACE DECIMAL ± 0.060          TWO PLACE DECIMAL ± 0.030          THREE PLACE DECIMAL ± 0.010</small>				SUB-ASSY,MOTOR/INVERTER TABLE DRAWING	
<small>MATERIAL</small>		<small>INTERPRET GEOMETRIC TOLERANCE PER          ASME Y14.5M-1994</small>		SHEET SIZE B	PART NUMBER 70227
<small>FINISH</small>				SCALE 1:12	REV 06
				DO NOT SCALE DRAWING SHEET 2 OF 4	

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
22	30054		BOLT,FLANGE HEAD,M16X2.0X45MM	ZPS,GR 8.8	4
23	30055		NUT,FLANGE,M16X2.0MM	ZPS,GR 8.8	4



ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
19	10001		INVERTER,TRACTION,200KW	PRODUCTION MODEL	1
20	30053		BOLT,FLANGE HEAD,M10X1.5X30MM	ZPS,GR 8.8	4
21	40061	06	BRACKET,INVERTER MOUNTING	PHOENIX INVERTER	1

06	REVISED PART #70168, 70176, 70177, 70178, 70224, 70225, & 70226	AJC	10/21/15
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	01/16/14
ANGULAR ± 1.0°			
NOMINAL ± 0.125			
ONE PLACE DECIMAL ± 0.060			
TWO PLACE DECIMAL ± 0.030			
THREE PLACE DECIMAL ± 0.010			

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

FINISH:

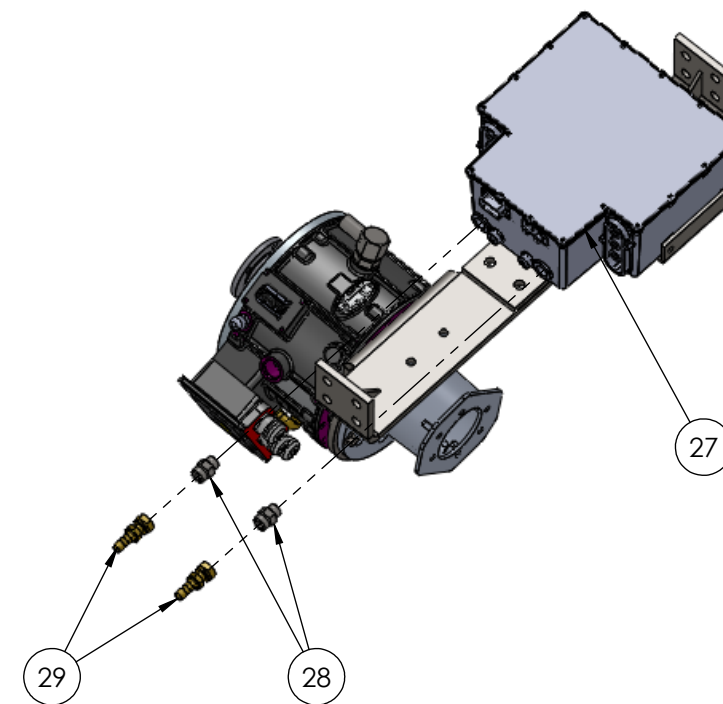
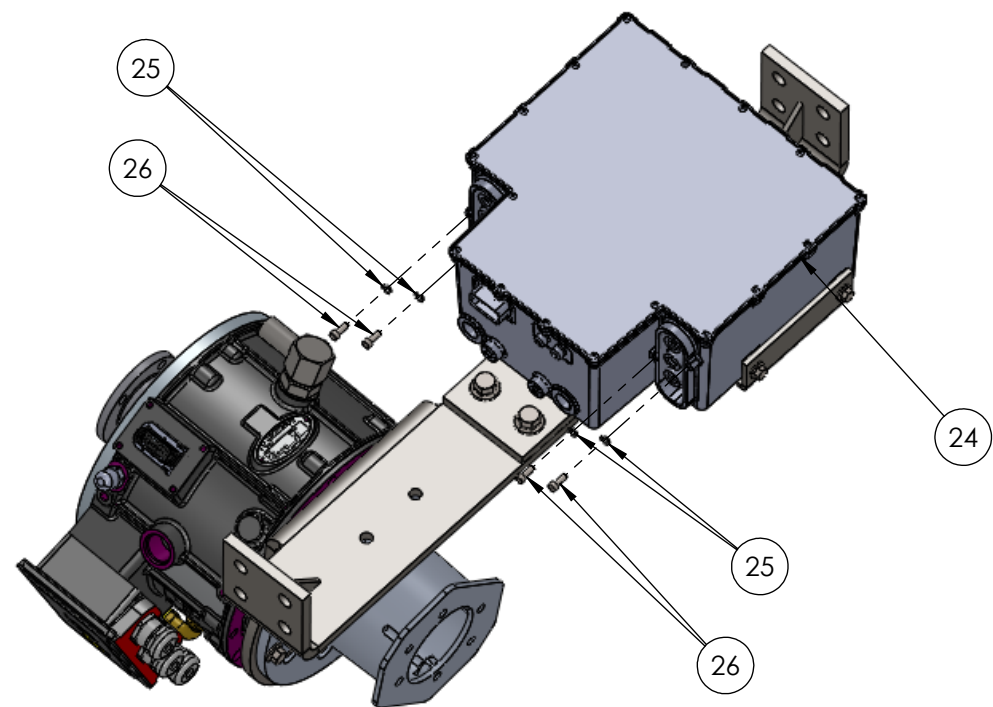
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SUB-ASSY,MOTOR/INVERTER  
TABLE DRAWING

SHEET SIZE	PART NUMBER	REV
B	70227	06
SCALE 1:8	DO NOT SCALE DRAWING	SHEET 3 OF 4

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
27	10001		INVERTER,TRACTION,200KW	PRODUCTION MODEL	1
28	50067		ADAPTER,M22X1.5 TO 10ORFS		2
29	50071		HOSE END,STRGHT,10-10,PUSHLOC	ORFS,801 HOSE	2

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


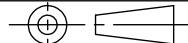


HOSE FITTING INSTALLATION

ITEM	PART NUMBER	REV	DESCRIPTION	DESCRIPTION 2	Qty
24	10001		INVERTER,TRACTION,200KW	PRODUCTION MODEL	1
25	30099		WASHER,LOCK,M6		4
26	30103		BOLT,SHCS,M6X1.0X16MM	SS,HEX HEAD	4

CONNECTOR BOLT INSTALLATION

REV	DESCRIPTION OF CHANGE	REVISED BY	DATE
06	REVISED PART #70168, 70176, 70177, 70178, 70224, 70225, & 70226	AJC	10/21/15

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<small>UNLESS OTHERWISE SPECIFIED          REFERENCE DIMENSIONS SHOWN IN PARENTHESIS          DIMENSIONS ARE IN INCHES</small>		<small>DRAWN</small> AJC 01/16/14			
<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>		<small>SHEET SIZE</small> B	<small>PART NUMBER</small> 70227
<small>MATERIAL</small>		<small>FINISH</small> 		<small>SCALE</small> 1:12	<small>REV</small> 06
				<small>DO NOT SCALE DRAWING</small>	<small>SHEET 4 OF 4</small>