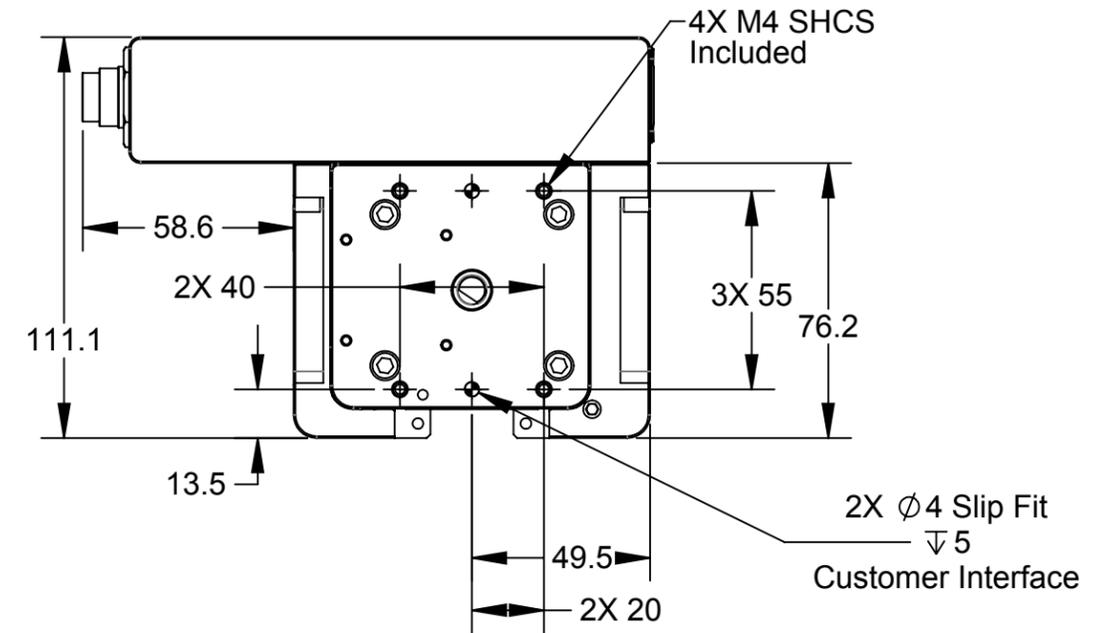
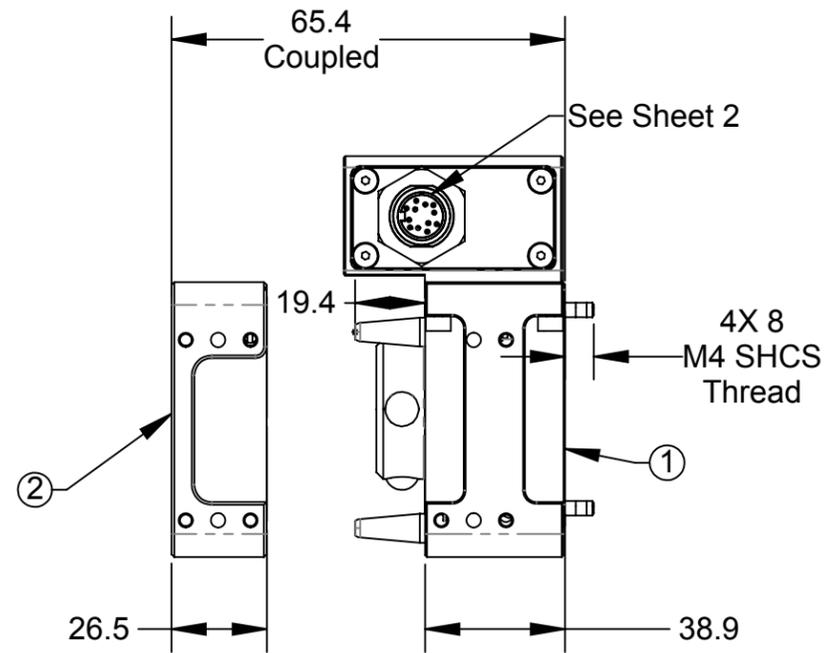
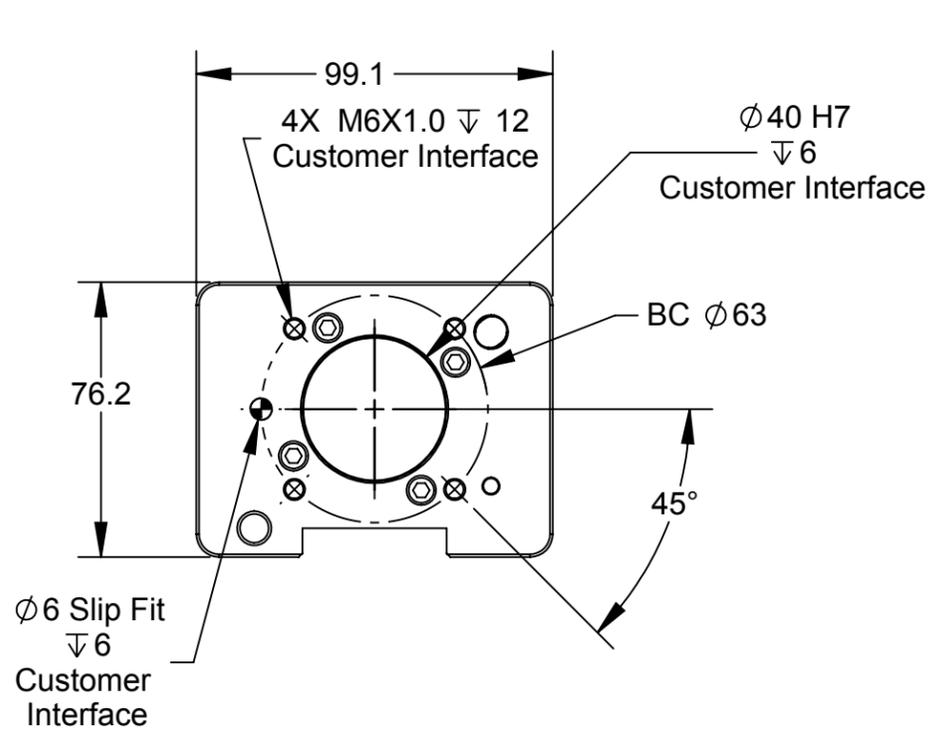


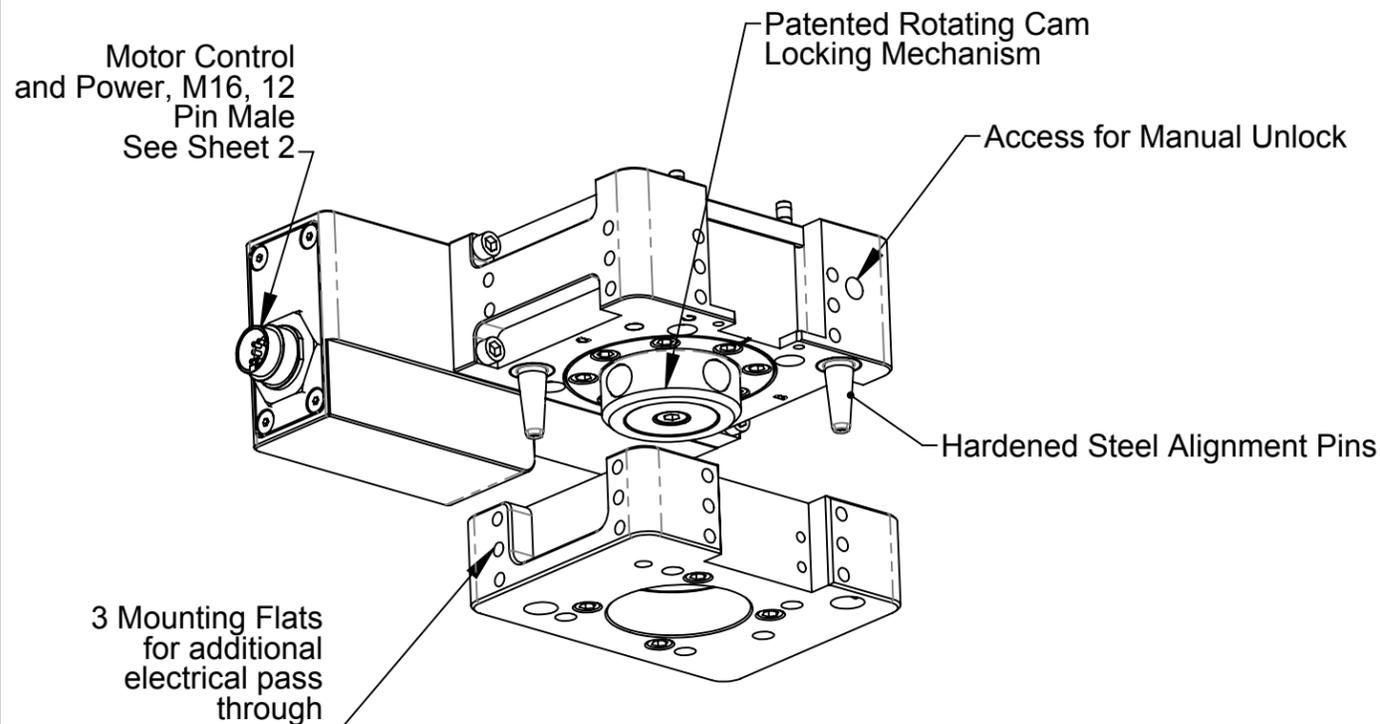
Rev.	Description	Initiator	Date
02	Eco 14784; Changed connector from female 1510-2313028-12 to male 1510-1313031-12 on lower level assembly 9000-20-1378.	LJH	8/19/16



**TOOL SIDE MOUNTING FACE**

**SIDE VIEW UNCOUPLED**

**MASTER SIDE MOUNTING FACE**



**Notes:**

1. Rated Payload Capacity: 18kg
2. Lock, Unlock, and RTL sensing included. Features 3 wire, PNP DC Proximity sensors. RTL is pass through.
3. ATI Motor Controller is integrated into motor housing.
4. Motor is 24V DC Brushless Servo with hall sensor feedback.
5. Additional Motor options available.

ITEM NO.	QTY	PART NUMBER	DESCRIPTION
1	1	9120-018M-2387-0-0-0-SG2	QC-18 Master Assy, w/ 24VDC Motor Module 2387, Integrated Controls, PNP DC Sensors, M5 RTL
2	1	9120-018T-0-0-0-0	QC-18 Tool Base Assembly

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



3rd ANGLE PROJECTION



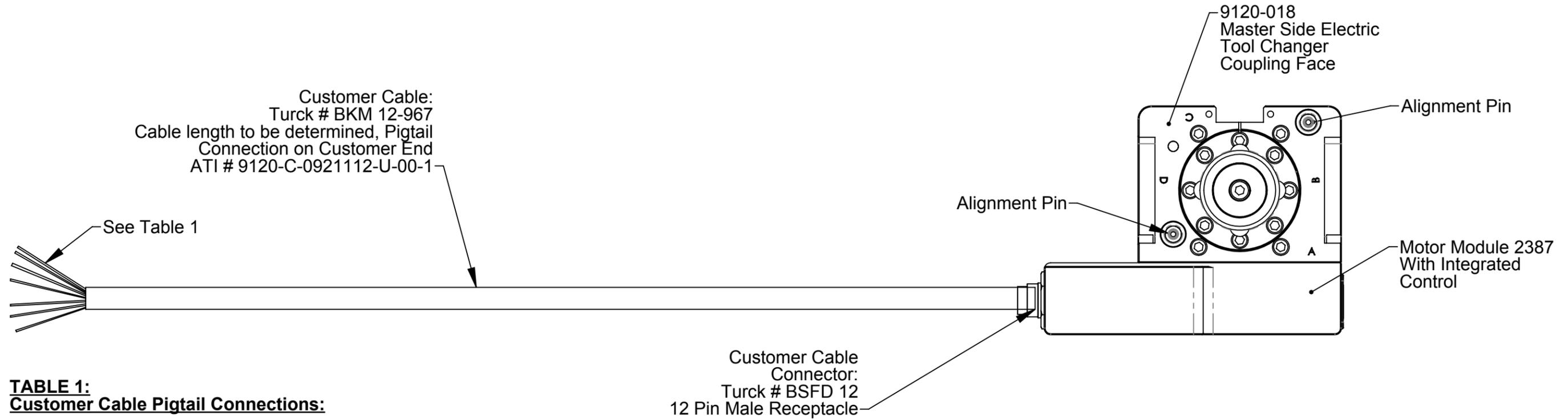
1031 Goodworth Drive, Apex, NC 27539, USA  
 Tel: +1.919.772.0115 Email: info@ati-ia.com  
 Fax: +1.919.772.8259 www.ati-ia.com  
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DRAWN BY: Dan Norton 6/12/16		TITLE	
CHECKED BY: B. Kendrick 6/15/16		QC-18 With 2387 Motor Module	
SCALE	SIZE	DRAWING NUMBER	REVISION
1:2	B	9630-20-018	02
PROJECT # 120424-3 SHEET 1 OF 4			

# QC-18 2387 CONTROLLER DETAIL

Rev.	Description	Initiator	Date
-	See Sheet1	-	-



**TABLE 1:**  
**Customer Cable Pigtail Connections:**

Signal Name	Wire Color
Latch	Black
Unlatch	Orange
RTL	Blue
US1	Violet
US2	Red
US1_GND	Yellow
US2_GND	Green
Locked	White
Unlocked	Tan
No Connect	Brown
No Connect	Gray
No Connect	Pink

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3rd ANGLE PROJECTION



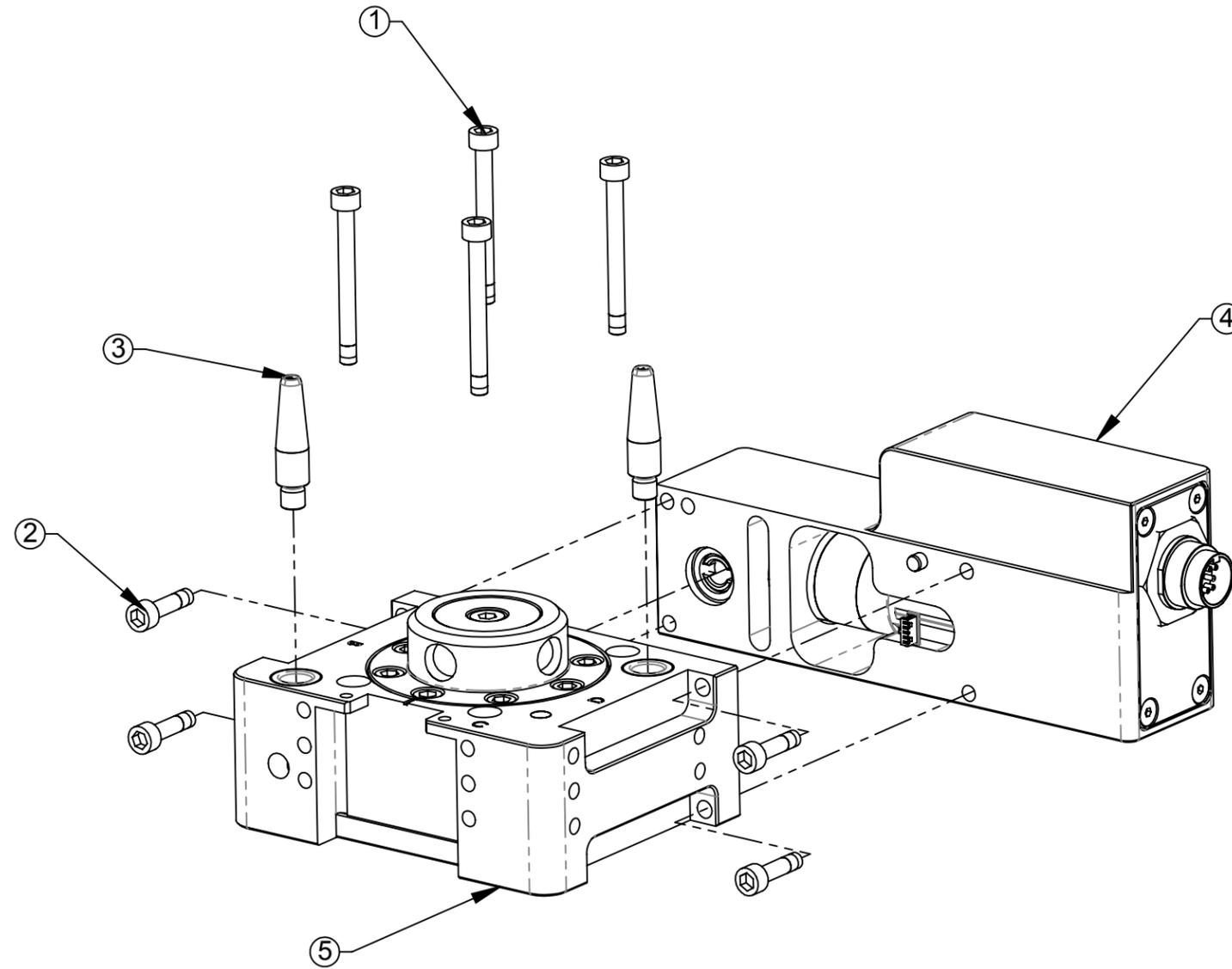
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DRAWN BY: Dan Norton 6/12/16		TITLE	
CHECKED BY: B. Kendrick 6/15/16		QC-18 With 2387 Motor Module	
PROJECT #	120424-3	SHEET	OF 4
SCALE	1:2	SIZE	B
DRAWING NUMBER	9630-20-018	REVISION	02

Rev.	Description	Initiator	Date
-	See Sheet1	-	-

## QC-18 Master



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3rd ANGLE PROJECTION

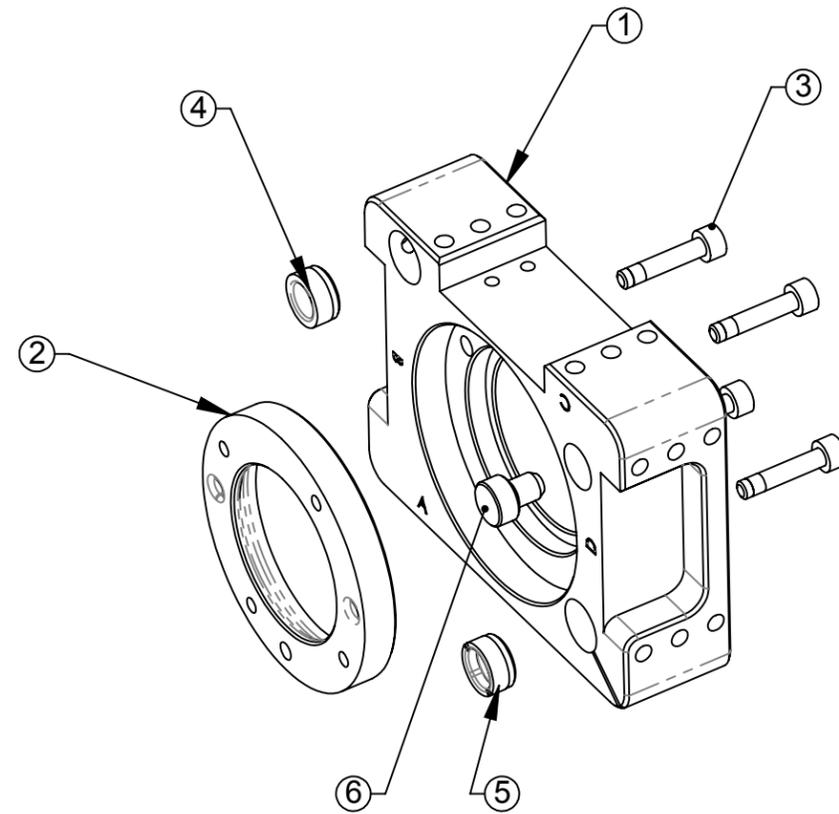


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DRAWN BY: Dan Norton 6/12/16		TITLE	
CHECKED BY: B. Kendrick 6/15/16		QC-18 With 2387 Motor Module	
PROJECT #	120424-3	SHEET	3 OF 4
SCALE	1:1.5	SIZE	B
DRAWING NUMBER	9630-20-018	REVISION	02

Rev.	Description	Initiator	Date
-	See Sheet1	-	-



## QC-18 Tool

NOTES: UNLESS OTHERWISE SPECIFIED.

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3rd ANGLE PROJECTION



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DRAWN BY: Dan Norton 6/12/16		TITLE	
CHECKED BY: B. Kendrick 6/15/16		QC-18 With 2387 Motor Module	
PROJECT #	120424-3	SHEET	4 OF 4
SCALE	1:1.5	SIZE	B
DRAWING NUMBER	9630-20-018		REVISION
			02