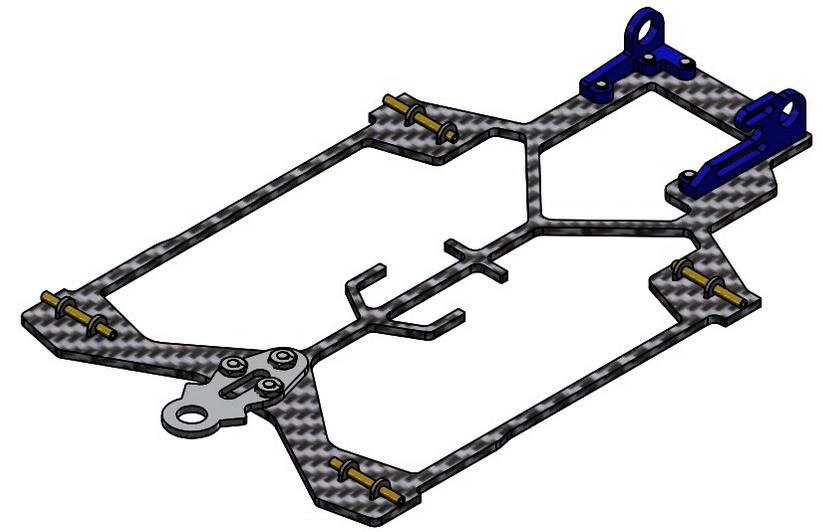
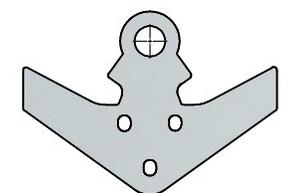


# IMPROVED CHASSIS VERSION WITH MECHANICAL LOCK ON PIN TUBES



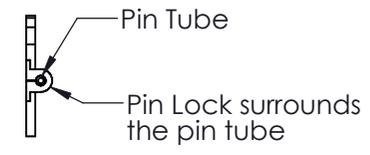
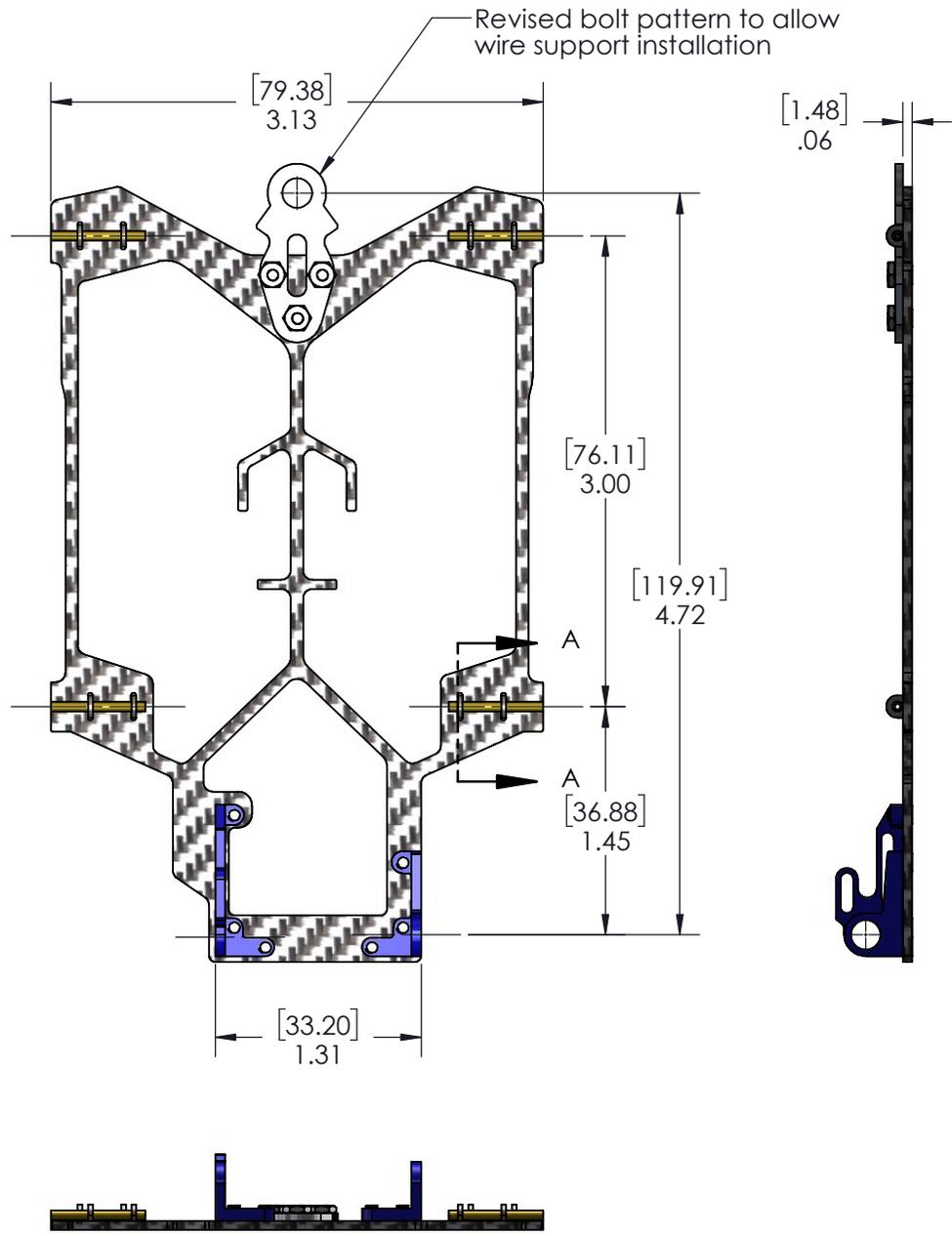
ISOMETRIC VIEW



**OPTIONAL: KCR-CWCBGB(c) Guide / Bumper**  
 used on wing car chassis  
 replaces standard guide tongue  
 adds 2.6 grams to chassis front



**MOTOR SPACER**  
 required if using a motor with a c-clip (one spacer and two (2) M2x4 button head screws included with chassis).  
 Install between motor and motor mount.



SECTION A-A  
 View through pin lock

		JAMESTOWN, MICHIGAN USA	
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Tolerances +/- .005 [0.13] unless noted Primary units - inches, metric [mm]			
<b>CarbonX Wing Car Chassis</b>			
KCL	12/20/24	DATE	VERSION
	<b>B</b>	<b>KCR-CFW02 (c)</b>	SHEET 1 OF 1

**For repairs or adding parts to the carbon fiber:**

Do not use standard CA "Super" Glue it is too brittle use a Carbon & Rubber Toughened Cyanoacrylate without an accelerator  
 we recommend  
 Bob Smith Industries IC-2000  
 www.bsi-inc.com

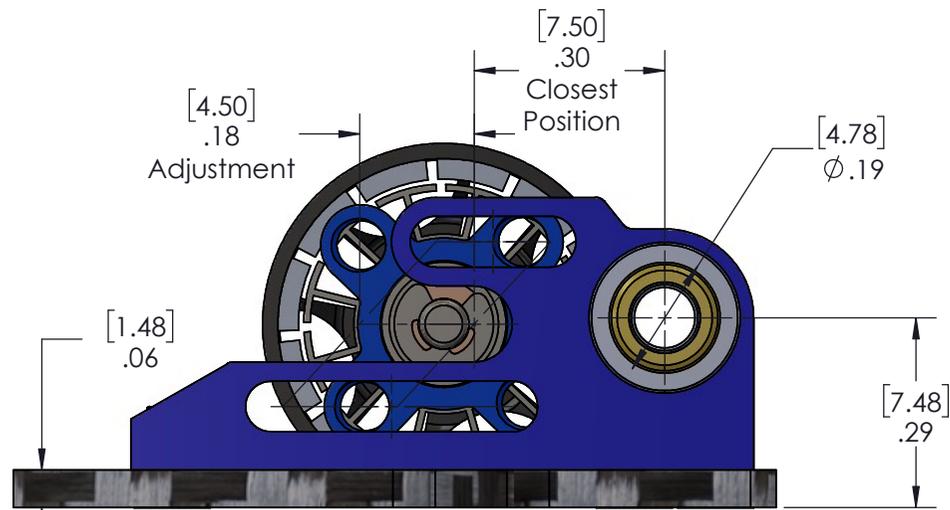
**Cleaning Carbon Fiber:**

Use a gentle cleanser or soap, avoid acidic or harsh chemicals. Rinse with water. You will want to dry carbon fiber immediately after washing and avoid letting water sit on carbon fiber parts until it evaporates. This causes hard water spots. Use a soft, microfiber towel to dry your parts to avoid scratching the surface.

**Fasteners Used:**

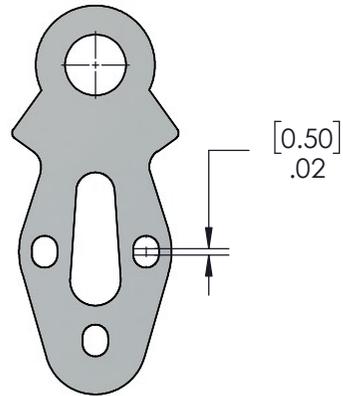
M2 x 0.4 x 4mm long flathead screws with a head diameter of 3mm  
 M2 x 0.4 hex nuts

Maximum torque: 1.77 lb-in [0.2Nm]  
 No thread lock adhesive is recommended or used.

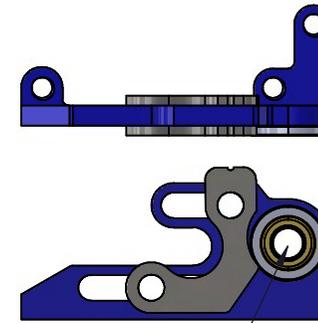


**Motor Mount Detail**

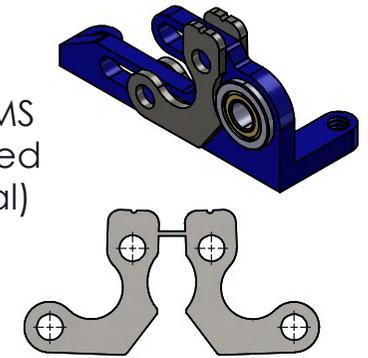
for gear selection  
 designed for 9mm x 9mm mounting  
 (Loctite 680 may be used to install bearings or bushings into support.)



**Guide Adjustment**  
 There is a slight adjustment in the guide mount



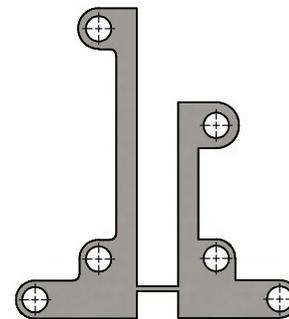
KCR-CFMS  
 As installed (optional)



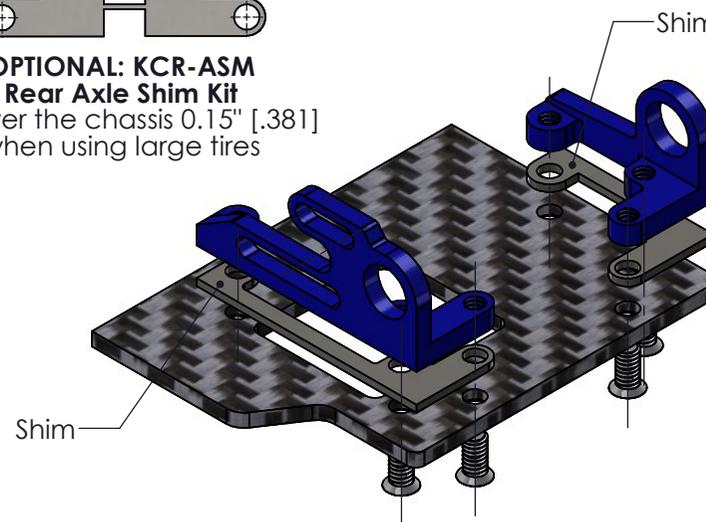
**KCR-CFMS**  
 Motor Spacer as purchased

**IMPORTANT BLDC Installation**

The motor mount design deployed in the CarbonX chassis requires the removal of the motor e-clip and spacer. Use of KCR-CFMS between the mount and the motor allows the e-clip and spacer to be left installed on the motor.



**OPTIONAL: KCR-ASM Rear Axle Shim Kit**  
 to lower the chassis 0.15" [.381] when using large tires



**OPTIONAL: KCR-BGB Guide / Bumper**  
 used on one piece flexi chassis adds 5 grams to chassis front

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Tolerances +/- .005 [0.13] unless noted Primary units - inches, metric [mm]			
<b>Carbon Fiber Chassis Supplement</b>			
DATE	REV	ISSUE	VERSION
KCL	10/11/24		
QUANTITY	DESCRIPTION	SIZE	NUMBER
		<b>B</b>	<b>KCR-CF SUP</b>
			SHEET 1 OF 1