



# User Guide

EVO Shifter onto AM14U4 Chassis

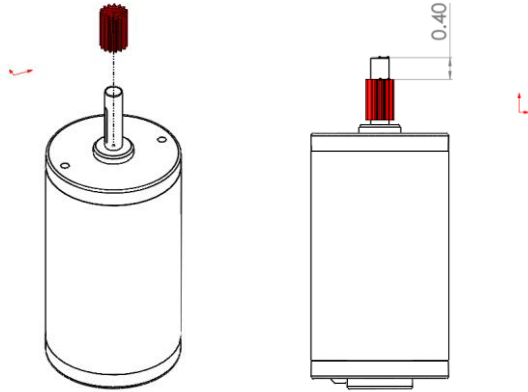
am-14U4-EMK

***EVO  
SHIFTER***

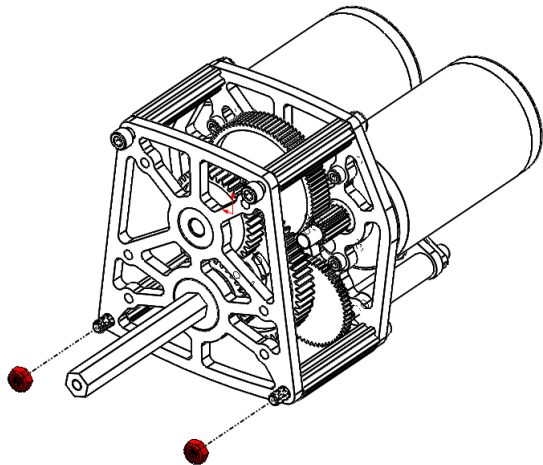
Note: This guide replaces steps 1-8 of the *Toughbox Mini Instructions* for the AM14U4, as well as Steps 1, 7-10 in the *Chassis Assembly*. Please refer to that guide for the rest of the chassis assembly instructions.

This assembly guide is intended to be generic and applicable to both 2 Stage and 3 Stage EVO Shifters, as well as 2 Stage EVO Slims.

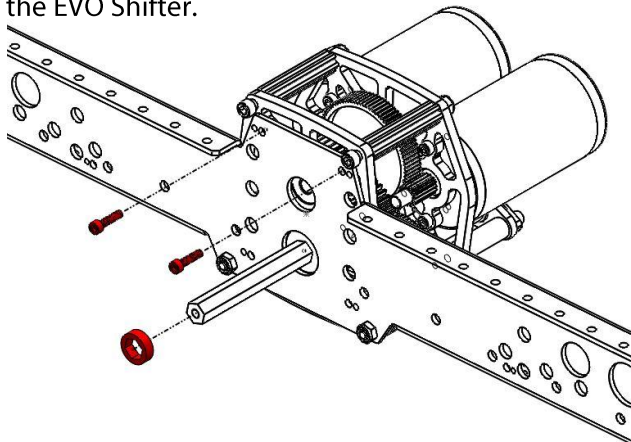
**Step 1:** Carefully press the 15T pinion gear onto each CIM Motor Shaft. Use the included spacer to press the gear down to the correct position. Note, if you purchased am-0255\_15T, skip to Step 2.



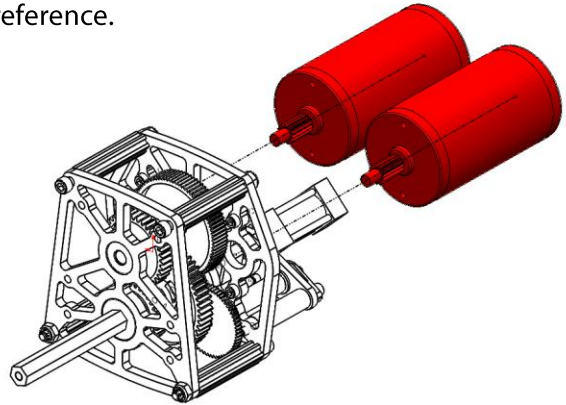
**Step 3:** Remove the lower two Nylock Nuts from the EVO Shifter. Be sure to leave the screws in to retain the Churro Spacers.



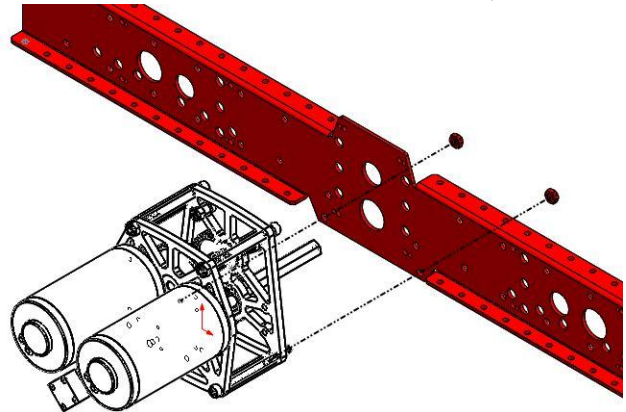
**Step 5:** Flip the Inside Plate over, and install two #10-32x0.750" SHCS through the Inside Plate into the EVO Shifter. Also, install one 500Hex x 0.25" Spacer (am-3948-250) against the hex bearing in the EVO Shifter.



**Step 2:** Install the CIM Motors with pinions into the EVO Shifter using the included #10-32 x 0.625 SHCS with Nylon Patch. A 2 Stage EVO Shifter is shown for reference.



**Step 4:** Line up the bottom two screws with the large holes on the Inside Plate of the AM14U4 on the same side as the bottom flange. Insert the hex shaft into the large bearing hole, as well as the screws into the 1/4" diameter holes. Reinstall the nuts removed in Step 3, but do not fully tighten.



**Step 6:** Secure the #10-32 screws with #10-32 Nylock Nuts as shown. Tighten the bottom 1/4-20 Nylock Nuts.

