



Triumph Tiger 800 XC, XR, XCX, XRX 2015 Crash Bars INSTALLATION INSTRUCTIONS

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Venture On,
Jeremy LeBreton



Triumph Tiger 800 XC/XR/XCX/XRX Crash Bars

Package Contents:
- left and right Crash Bars
- hardware kit
- instructions

Altrider LLC

Global

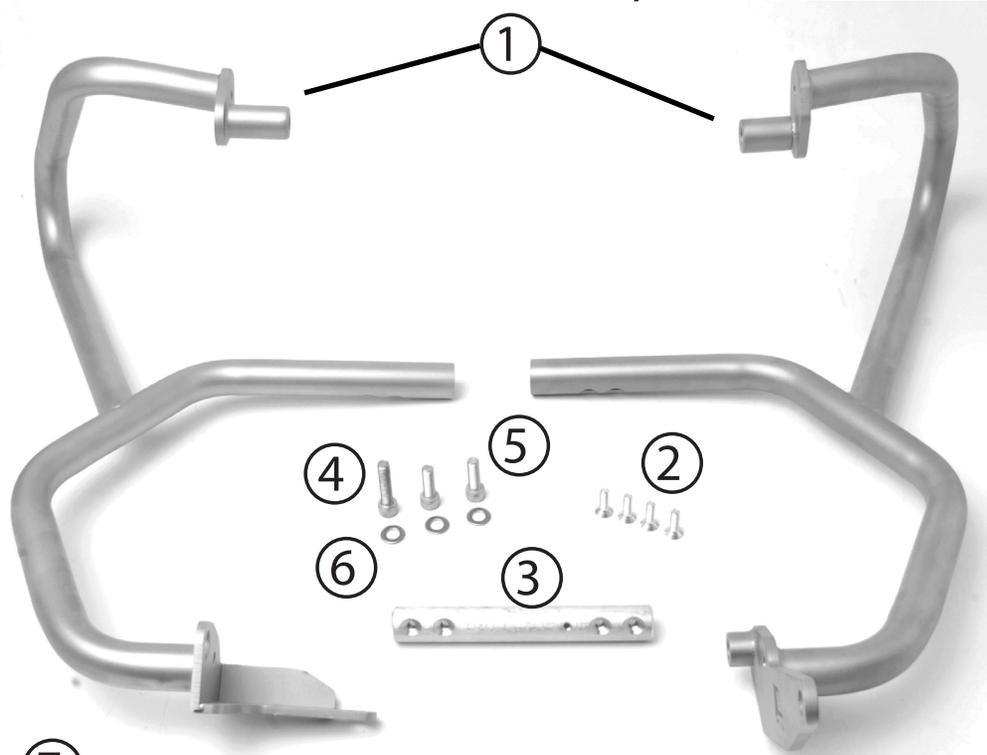
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Rev 0
MADE IN THE USA





Kit:

- ① L and R crash bars
- ② (4) M6 x 20 Flat head screws
- ③ 6.75" (171mm) Center Connector
- ④ M8 x 35 mm socket head cap screw
- ⑤ (2) M8 x 25 mm socket head cap screw
- ⑥ (3) M8 Washers
- ⑦ M10 x 70mm socket head cap screw

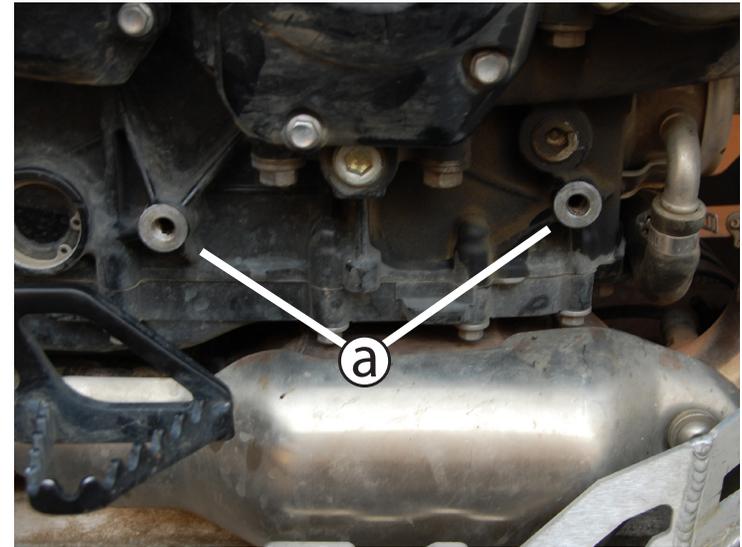
Recommended tools:

- ① 1/2" Driver (we used two during this install)
- ② 1/2" Extension
- ③ 1/4" Driver
- ④ 1/2" Universal Joint
- ⑤ 1/4" Extension
- ⑥ T50 Torx driver
- ⑦ Phillips driver
- ⑧ 14mm Socket
- ⑨ 12mm Socket
- ⑩ M6 Allen, M5 Allen, M4 Allen





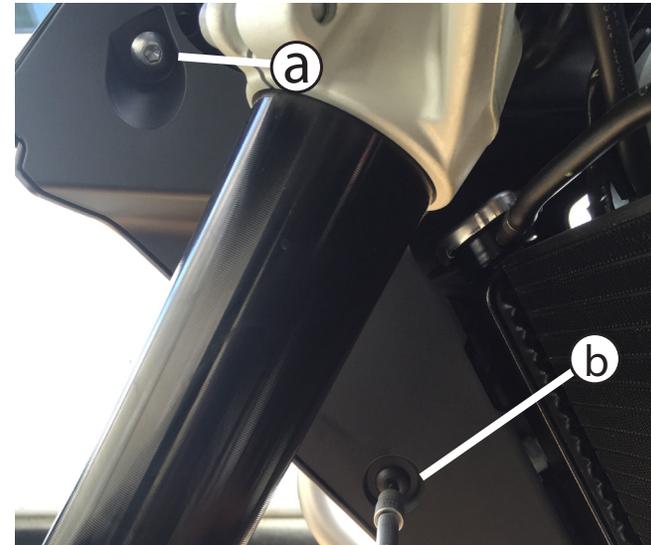
- ① If OEM or after market skid plate is installed remove this now. On XCX models, remove OEM crash bars.



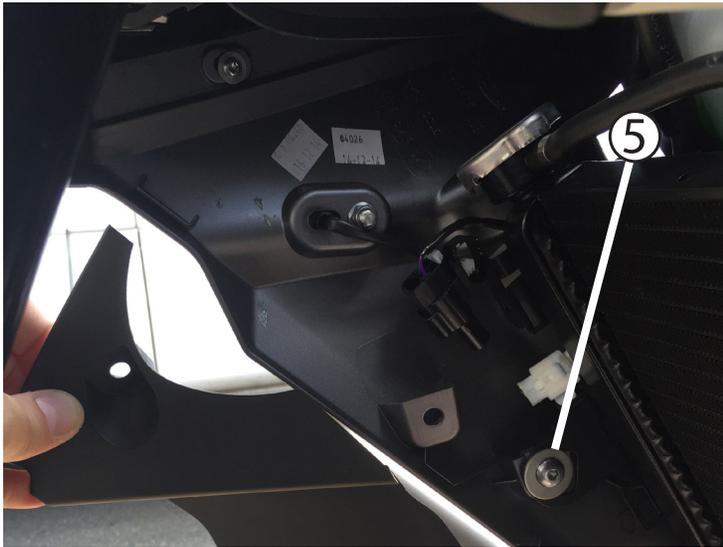
- ② Remove (3) black plugs. (2) on right side [a] as shown and (1) on left side. Right side plugs have already been removed in example photo.



- ③ Using a 12mm socket, remove hex bolt on left side directly underneath the oil filter. Save this bolt but you will need it later in the installation.



- ④ [a] Remove the right side inner fairing cover using an M5 allen. [b] Use a phillips driver to remove the plastic toggle fastener. Remove on other side next.



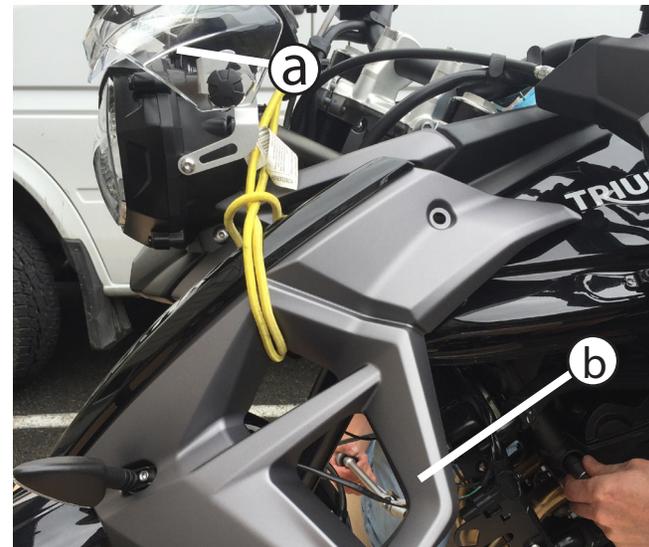
- ⑤ Remove the plastic and use a 5mm allen tool to remove the bolt which secures the outer fairing to the radiator bracket.



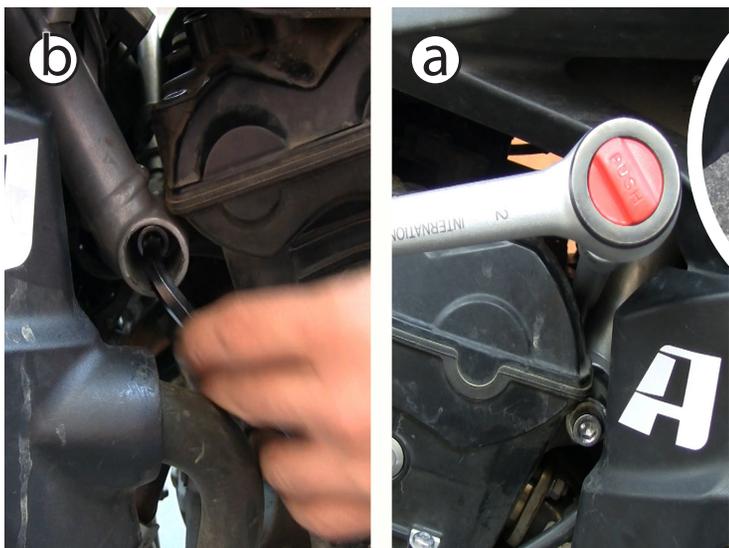
- ⑥ Use a 5mm allen tool to remove the single button head fastener on the exterior of the fairing.



- ⑦ Gently lift the fairing, dislodging it from the (2) rubber grommets then rotate the bottom out so the upper fairing lip can exit the body work. Follow these steps on the other side.



- ⑧ Use something soft to hang the fairing out of your way, this way you do not have to disconnect the turn signals. If you choose to disconnect the turn signals, make a note of the wire colors.

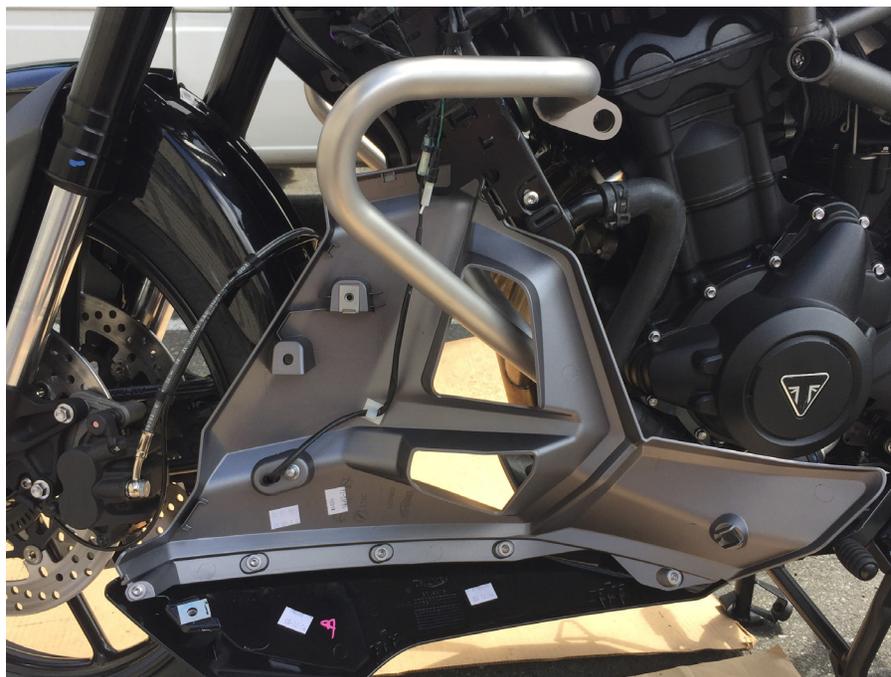


- ⑨ Remove the 2 upper M10 engine bolts using an extension, universal joint and M14 socket reach behind the frame (a) then use an M8 allen key (or T50 Torx, 2014 and on) (b) to hold and remove. Be careful to capture nut when it comes loose. You will re-use the left side bolt but not the right side bolt.

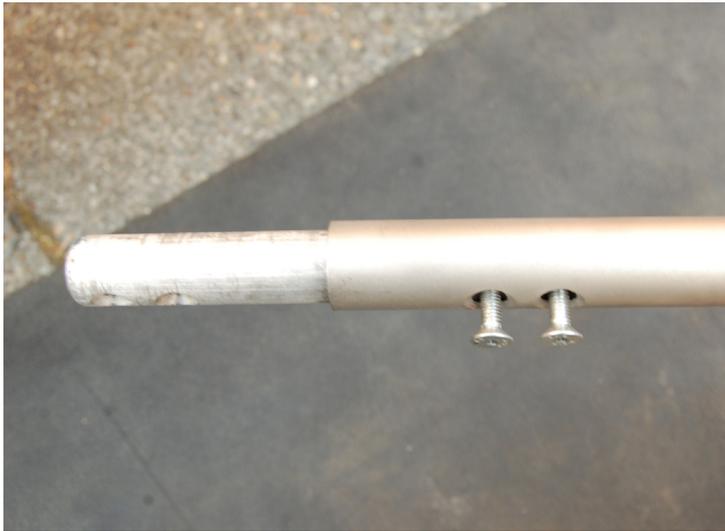


TIP

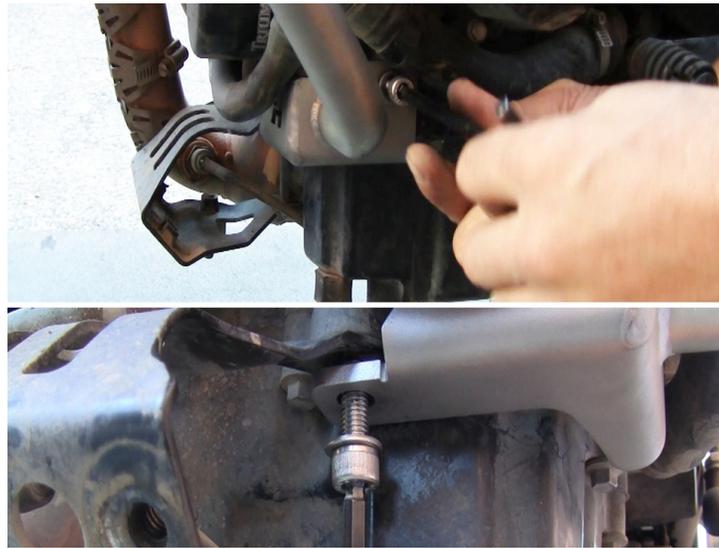
Place a dab of grease inside of your socket to keep the nut from easily falling out. Also put a strip of scotch tape around universal joint to keep it stiff long enough to engage nut. ALSO be mindful not to lose the small frame spacer on the left side when you remove the bolt. You will need this again.



- ⑩ "Thread" the upper mount flange of one side crash bar through the bottom opening in the fairing. You can now let the fairing hang as shown while you complete the install. Do this for both sides.



- ⑪ Take the 6.75" aluminum connector and the left side crash bar. Start (2) of the M6 flat head screws but do not fully tighten. You will tighten these later in the installation.



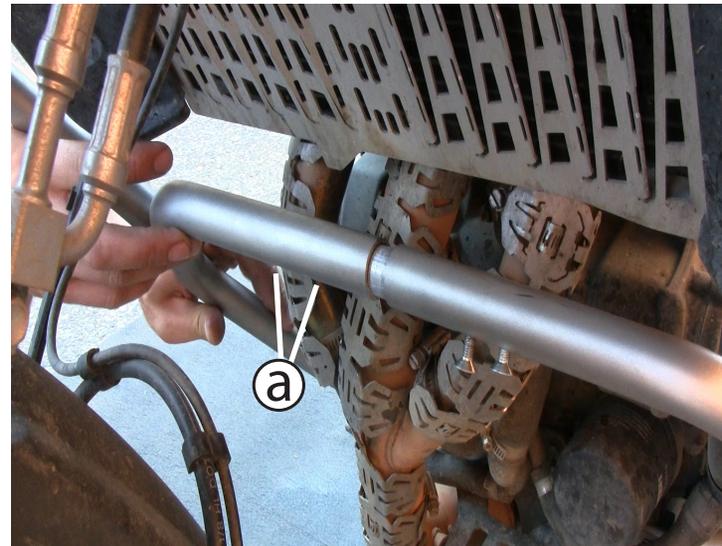
- ⑫ Install left bar by sliding the lower flange in front of coolant hose. Start the OEM Hex (socket cap shown) bolts but do not tighten completely.



OEM bracket may not allow lower bolt to properly align and sometimes holding the bar or re-positioning the bracket is required.



- ⑬ Reinstall the OEM M10 engine bolt + nut without washer but do not tighten completely.



- ⑭ Install right side crash bar by sliding over center connector and lining bar up with both upper and lower mounts. (a) Start the (2) remaining M6 x 20 flat head screws into center connector.

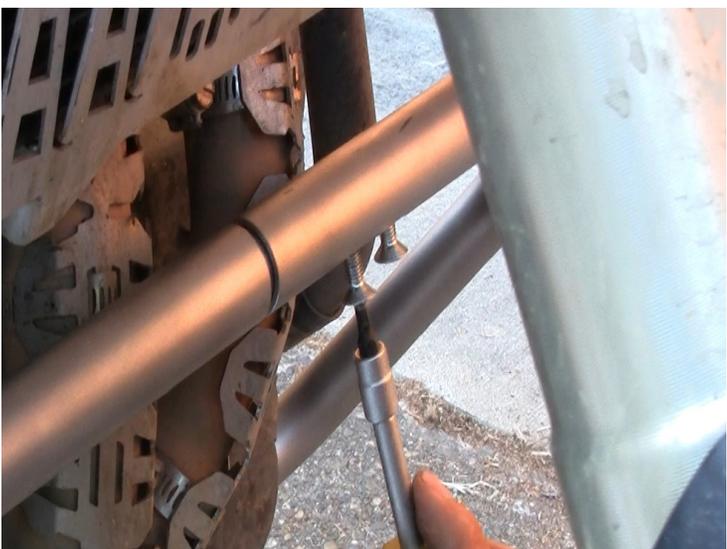


Consider placing towel or bubble wrap from packaging over bars when tightening the upper bolts to avoid scratching bars with wrench.

- 15 Install the AltRider provided M10 x 70mm socket head cap bolt (using the OEM nut) but do not tighten all the way.



- 16 Start (2) M8 socket cap screws on lower right side mount, do not tighten all the way.



- 17 Now go back and tighten all (4) M6 x 20 flat head screws holding the center connector and both bars sides in place. Tighten each screw to 8nm of torque by alternating from one screw to another so they tighten evenly.



- 18 Tighten all (4) lower mount bolts to 20nm of torque. There are (2) bolts on each side.



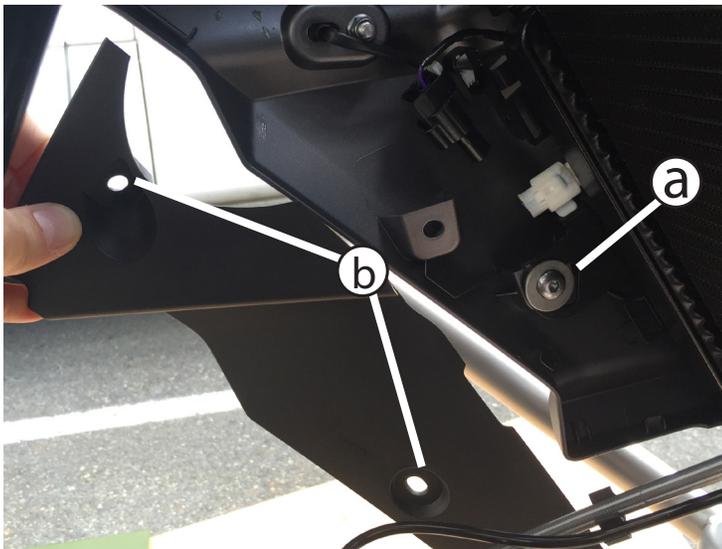
TIP

Place a dab of grease inside of your socket to keep the nut from easily falling out.

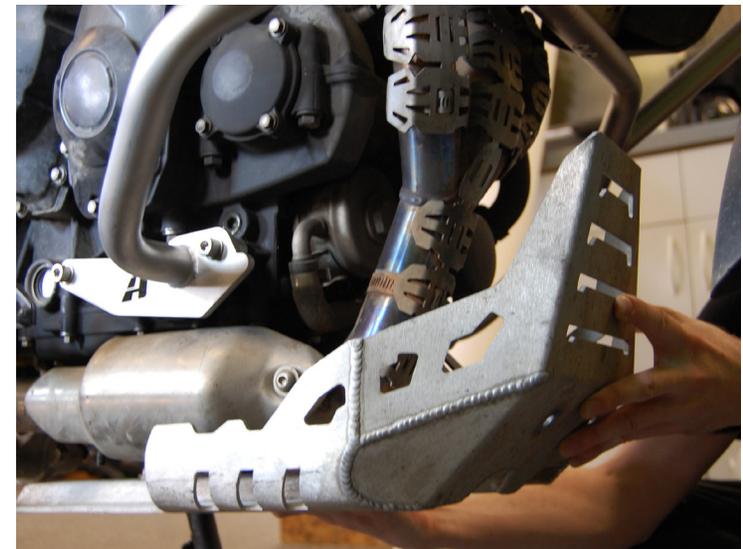
- ①9 Tighten the (2) OEM M12 engine bolts using the same process as step #5. Tighten these bolts and nuts completely.



- ②0 [a] Gently replace the fairing, ensure it seats in the (2) rubber grommets then [b] use a 5mm allen tool to replace the fastener.



- ②1 Re-install the inner plastic fairing covers. [a] Be sure to secure the outer fairing to radiator bracket on the inside. [b] Install the plastic toggle fastener and the button head fastener.



- ②2 Re-install OEM or aftermarket skid plate. If you are installing AltRider skid plate reference the instructions if needed. They can be downloaded online if you need a new copy.

CONGRATULATIONS!

You've completed your installation. If at any point you have questions about your installation or have any feed back for us, we'd love to hear it. A downloadable version of these instructions can be found at our web site. www.AltRider.com

After 5 hours of riding, or 100 miles, check all the fasteners on the assembly to ensure they are tightened to spec.

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