



Triumph Tiger 800 XC Crash Bars

INSTALLATION INSTRUCTIONS

The most up to date instructions can be downloaded from the product page at altrider.com, under the instructions tab.

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Venture On,
Jeremy LeBreton



Triumph Tiger 800 XC Crash Bars

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

Altrider LLC

Global

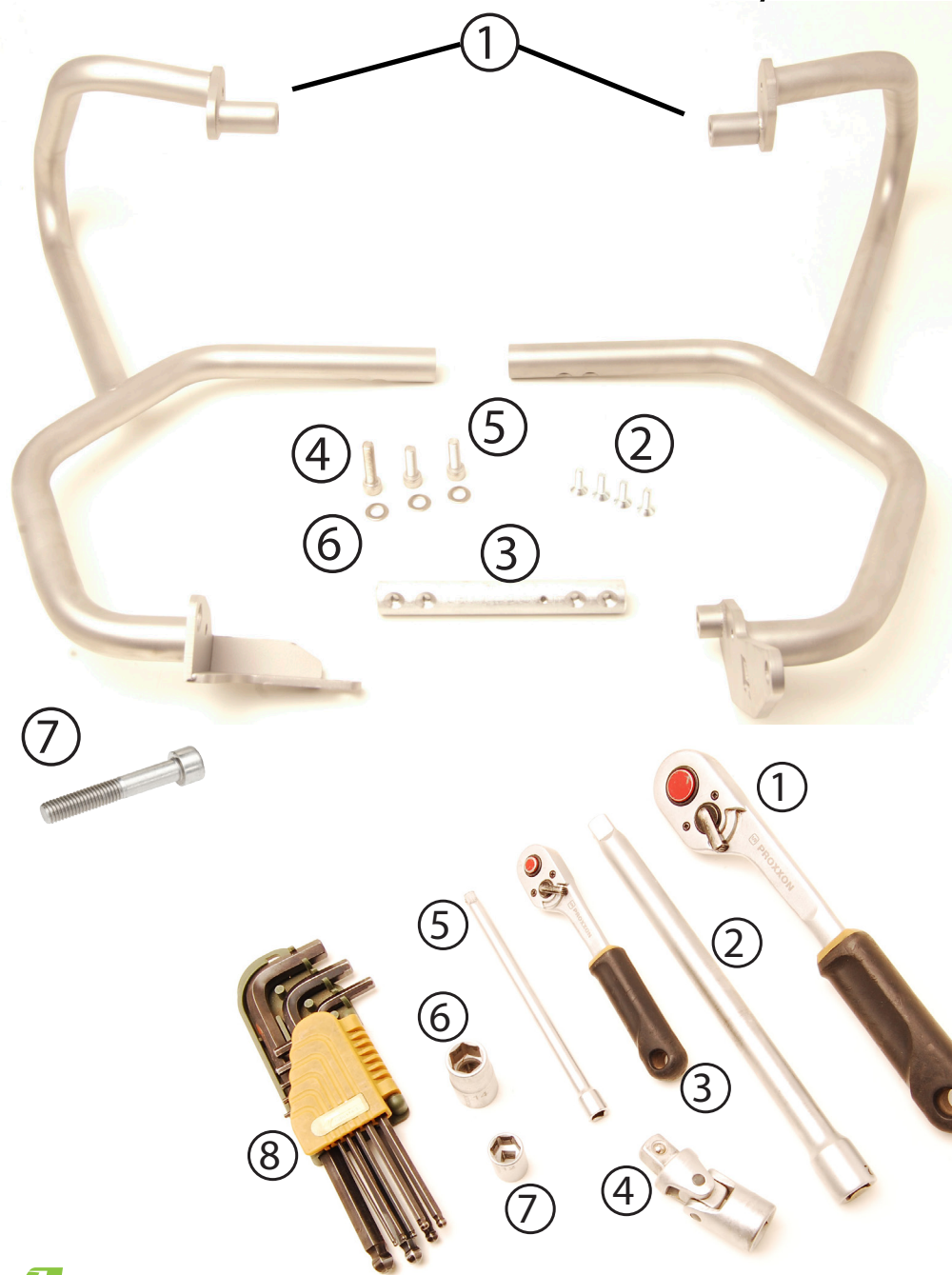
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Rev 3
MADE IN THE USA





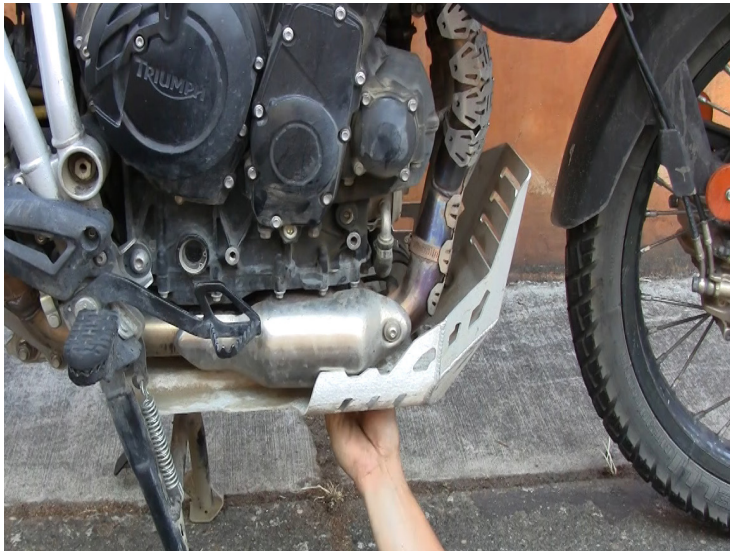
Kit:

- 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

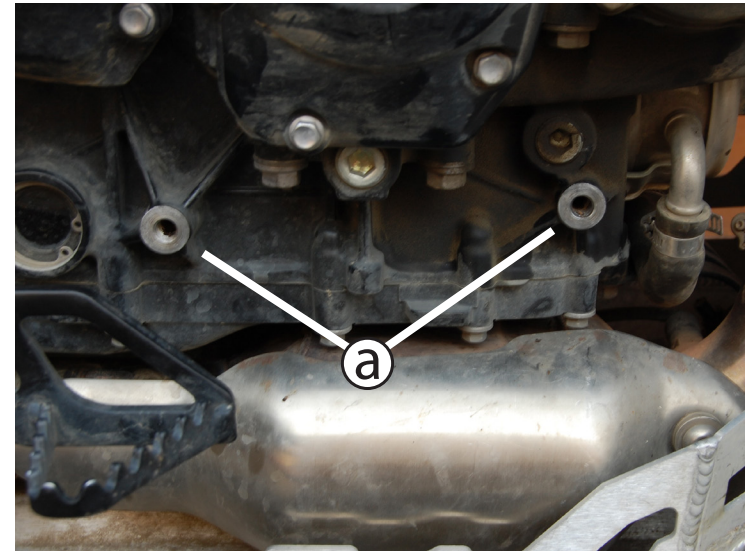
Recommended tools:

- ① 1/2" Driver
- ② 1/2" Extension
- ③ 1/4" Driver
- ④ 1/2" Universal Joint
- ⑤ 1/4" Extension
- ⑥ 14mm Socket
- ⑦ 12mm Socket
- ⑧ M6 Allen, M5 Allen, M4 Allen
- ⑨ T50 Torx driver (not shown, 2014 and newer only)





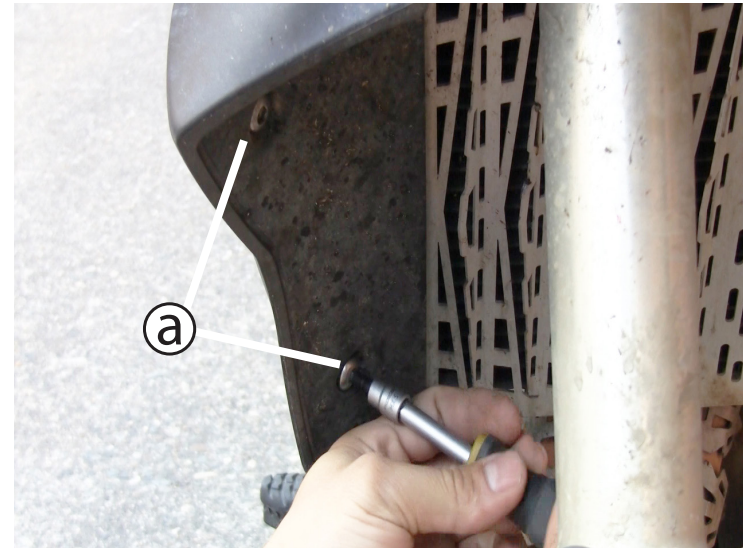
- ① If OEM or aftermarket skid plate is installed remove this now.



- 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.



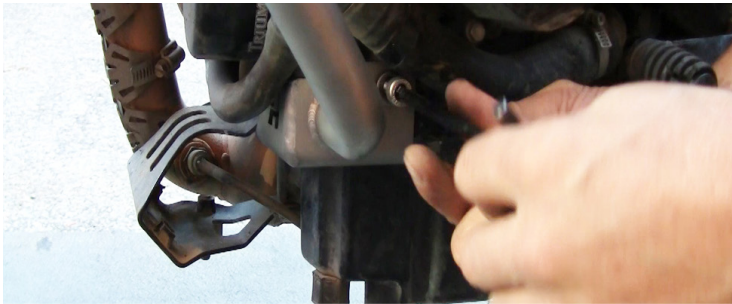
- ③ Remove 12mm Hex bolt on on left side directly underneath the oil filter. Save this bolt but you will need it later in the installation.



- ④ Remove the right side radiator shroud using an M5 allen. There are (3) screws to remove. (1) screw is on the outside and (2) are on the inside [a].

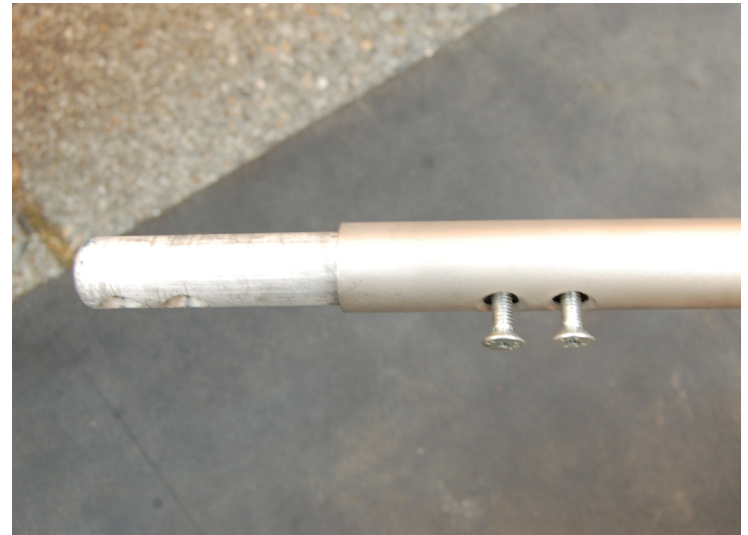


Place a dab of grease inside of your socket to keep the nut from easily falling out. Also put a strip of scotch tape around universal joint to keep it stiff long enough to engage nut. ALSO be mindful not to lose the small frame space on the left side when you remove the bolt. You will need this again.

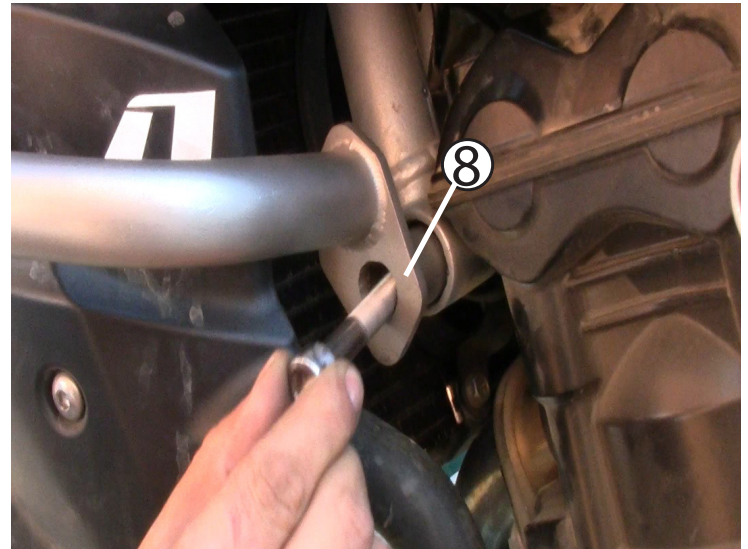


OEM bracket may not allow lower bolt to properly align and sometimes holding the bar or re-positioning the bracket is required.

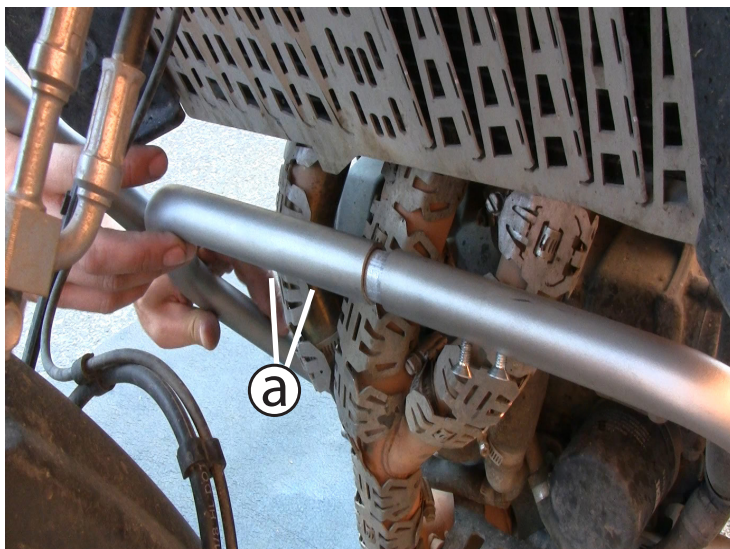
- ⑦ Install left bar by sliding the lower flange in front of coolant hose. Start the OEM Hex (socket cap shown) bolts but do not tighten completely.



- ⑥ 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.



- ⑧ Reinstall the OEM M10 engine bolt without washer but do not tighten completely.



- ⑨ 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.



- ⑪ Start (2) M8 socket cap screws on lower right side mount, do not tighten all the way.



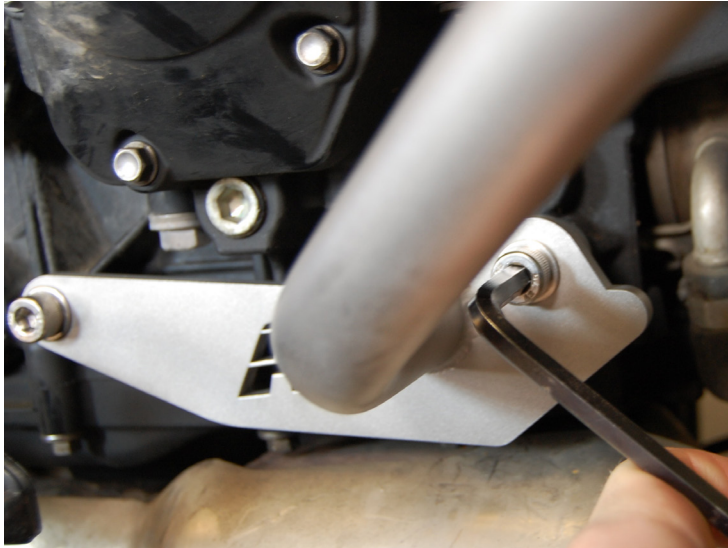
Consider placing towel or bubble wrap from packaging over bars when tightening the upper bolts to avoid scratching bars with wrench.



- ⑩ Install the AltRider provided M10 x 70mm socket head cap bolt but do not tighten all the way.



- ⑫ 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.



- ⑬ Tighten all (4) lower mount bolts to 20nm of torque. There are (2) bolts on each side.



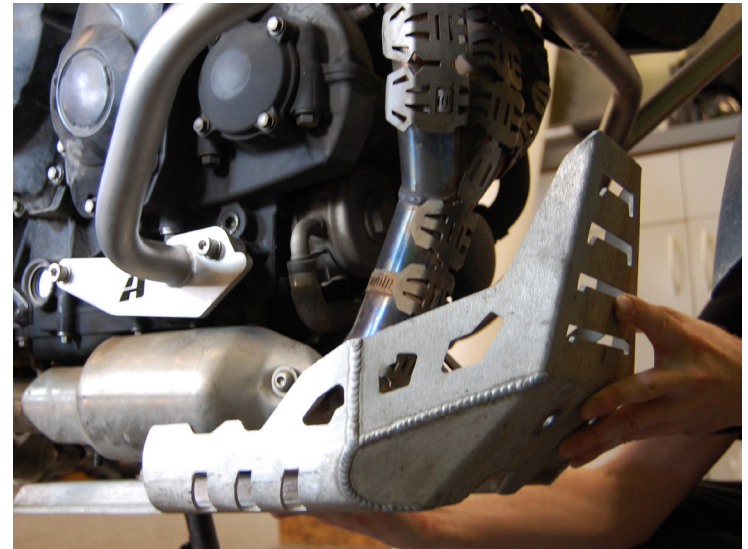
Place a dab of grease inside of your socket to keep the nut from easily falling out.



- ⑭ Tighten the (2) OEM M12 engine bolts using the same process as step #5. Tighten these bolts and nuts completely.



- ⑮ Re-install the right side radiator shroud taking extra care to properly line up location tabs. Re-install (3) OEM M5 allen screws to hold shroud in place. Tighten these down completely.



- ⑯ 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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