



# AltRider Crash Bars for Ducati Multistrada 950 INSTALLATION INSTRUCTIONS

The most up to date instructions can be downloaded from the product page at [altrider.com](http://altrider.com), under the instructions tab.

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Enjoy it, show it off, and most of all, RIDE IT!

Venture On,  
Jeremy LeBreton



**Ducati Multistrada 950  
Engine Guard Bars  
MU97-X-1000**

Package Contents:

- Bars
- Mounting brackets
- Hardware kit

## AltRider LLC

### Global

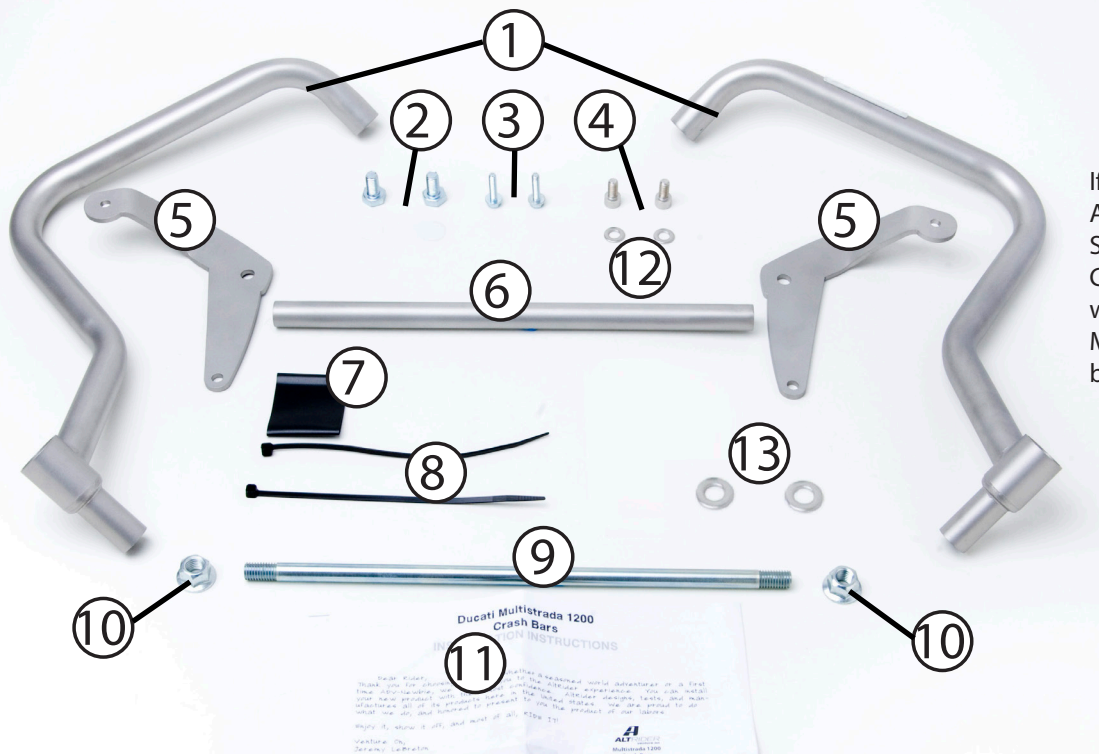
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Rev 1.0  
MADE IN THE USA





If you purchased AltRider Frame Sliders with your Crash Bars, then you will not have the (1) M12 x 545 through-bolt.

#### Kit:

- ① L and R crash bars
- ② (2) M10x25 hex head fasteners
- ③ (2) M6 x25 hex head fasteners
- ④ (2) M8 x15 socket head cap fasteners
- ⑤ L and R brackets
- ⑥ center connector
- ⑦ (1) section of rubber tubing
- ⑧ (2) 8" x 3/16", black double-lock zip-ties
- ⑨ (1) M12 x 347 through-bolt
- ⑩ (2) M12 lock nuts
- ⑪ paper instructions
- ⑫ (2) M8 washers
- ⑬ (2) M12 Washers

#### Recommended tools:

- ① L and R hardware trays
- ② 3mm, 4mm, 6mm and 8mm allen tools
- ③ 1/4" driver
- ④ 1/2" and 3/8" ratchets
- ⑤ (2) 18mm sockets with short extensions
- ⑥ 1/4" ratchet
- ⑦ 24mm wrench (spanner preferred)
- ⑧ 17mm, 15mm and 13mm sockets
- ⑨ 10mm socket w/short extension
- ⑩ (1) .5ml of thread locker





- ① Take the rubber tube provided and use scissors to split it. Wrap it around the stainless oil line and zip-tie it in place as shown above. (AltRider bracket shown in pic above, but easier to install the rubber tube now before bracket in place)



- ② Oil lines are located above front left corner of radiator.

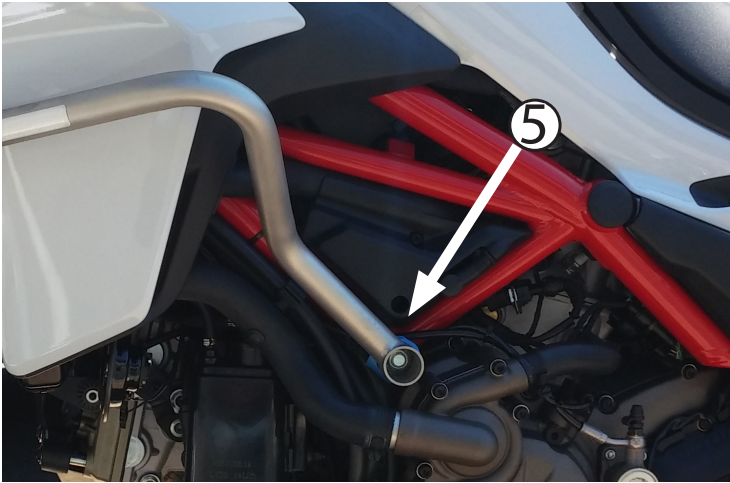


- ③ (Shown with fairings removed for clarity) Using a 10mm socket and driver, remove the left side upper radiator mount bolt. Attach the bracket in place as shown and use (1) M6 x25 fastener with loctite to mount the bracket (note bracket bends away from bike centerline toward edge of radiator). Install right side bracket in same manner. Leave bolts finger tight. TIP: unclip the oil cooler line.



- ④ Using an 8mm allen key on one side and a 15mm socket on the other, remove the motor mount through bolt.



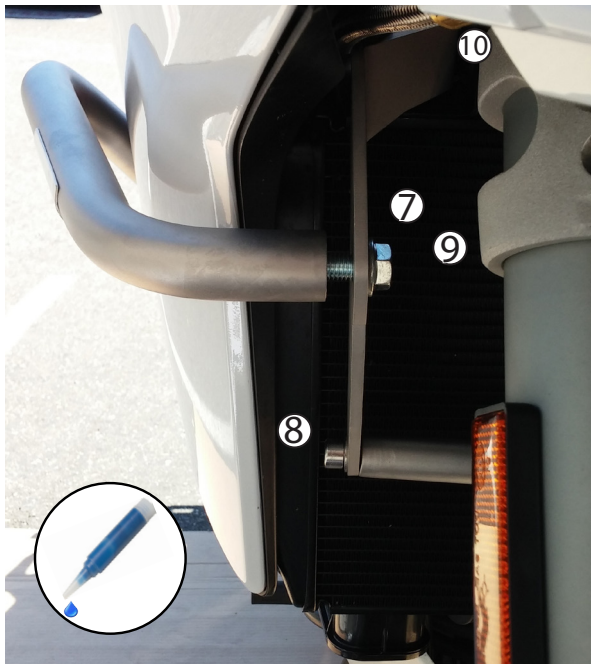


If you purchased AltRider Frame Sliders with your Crash Bars, please refer to the Frame Sliders instructions document for instructions on assembling this step. DO NOT TIGHTEN TO TORQUE SPEC YET.

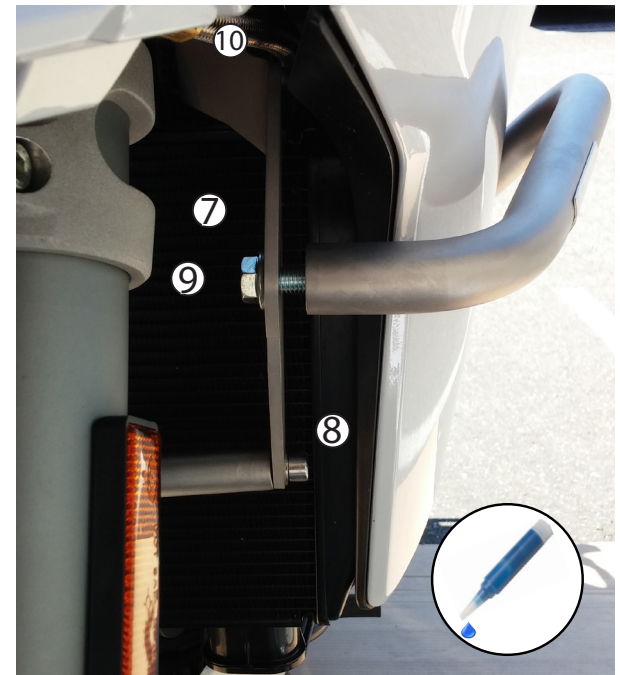
- ⑤ Insert one M12 washer into the frame socket. Insert the left side bar into the frame socket. Insert the AltRider engine through bolt.



- ⑥ Insert one M12 washer into the frame socket. Insert the right side bar into the frame socket. Insert the M12 lock nut and use both 18mm sockets (one on each end of engine through bolt) to install nut until just snug, but so bar can still rotate a bit.



- ⑦ Install M10 x 25 hex cap bolts. Use a drop of loctite on each bolt, install finger tight.
- ⑧ Using a 6mm allen tool, attach the center connector bar to the two brackets. Use (2) M8 x 15 socket head cap fasteners with washers, with a drop of loctite on each bolt. Tighten to 10Nm.
- ⑨ Use 15mm socket and tighten both M10 x 25 hex cap bolts to 30 Nm.
- ⑩ Use 10mm socket or open end wrench and tighten both upper radiator mount bolts to 7Nm.





- ⑪ Use both 18mm sockets to tightern both engine bolt lock nuts to 60Nm.



If you purchased AltRider Frame Sliders with your Crash Bars, please refer to the Frame Sliders instructions document for instructions for last steps.

## 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](http://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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