



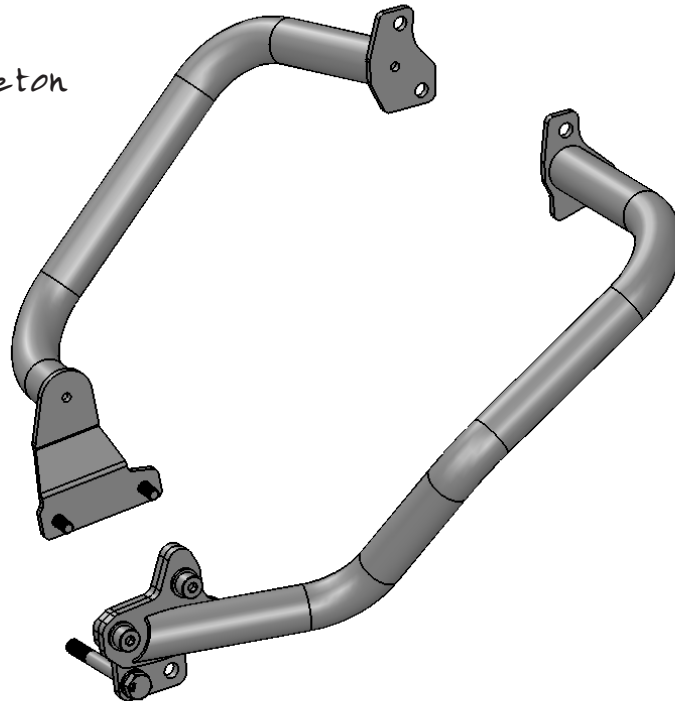
AltRider Lower Crash Bars for Honda Africa Twin CRF1000L INSTALLATION INSTRUCTIONS

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

Dear Rider,
Thank you for choosing AltRider! Whether a seasoned world adventurer or a first time ADV-Newbie, we welcome you to the AltRider experience. You can install your new product with the utmost confidence. AltRider designs, tests, and manufactures all of its products here in the United States. We are proud to do what we do, and honored to present to you the product of our labors.

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

Venture On,
Jeremy LeBreton



**AltRider Lower Crash Bars
Honda Africa Twin CRF1000L**

Package Contents:

- Crash Bars
- Hardware Kit
- Instructions

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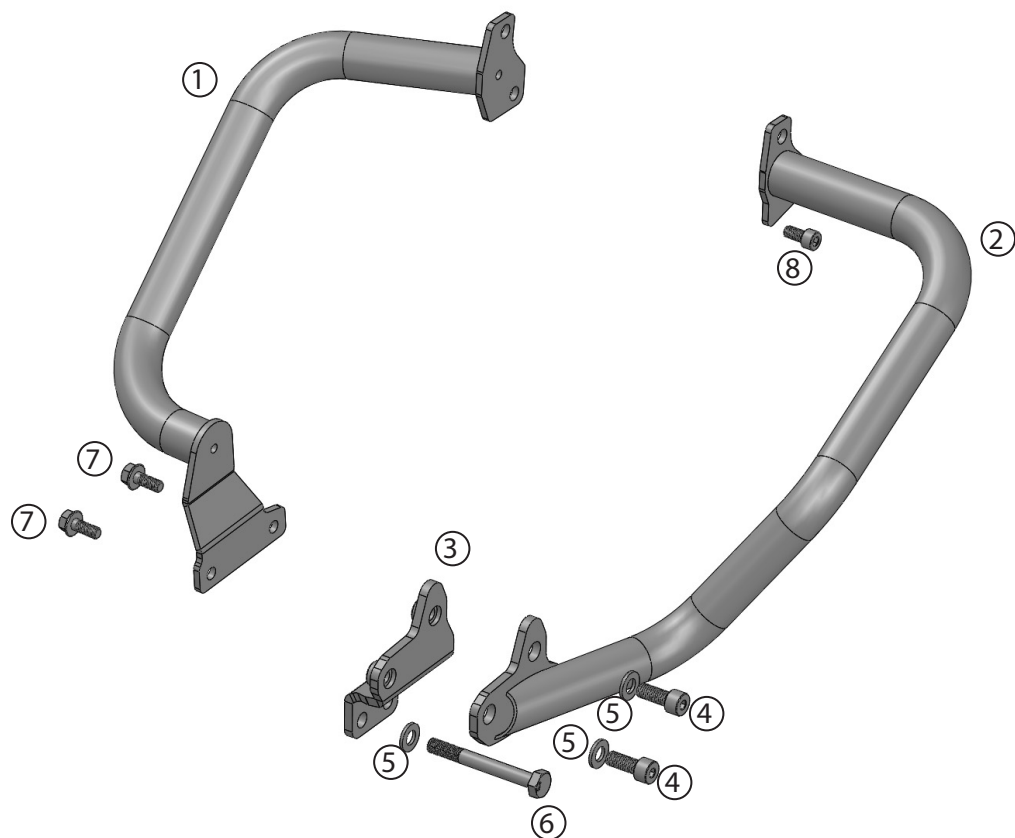
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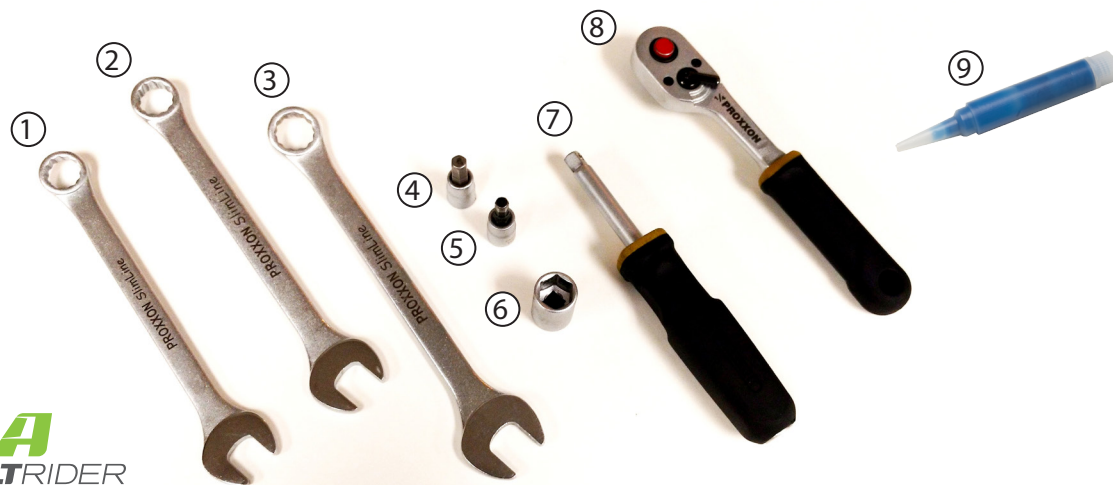
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**REV 14.3
MADE IN THE USA**



**Kit:**

- ① Left bar
- ② Right bar
- ③ Right rear bracket
- ④ (qty 2) M10 x 25 socket cap screw
- ⑤ (qty 3) M10 washer
- ⑥ M10 x 85 x 1.25 hex screw
- ⑦ (qty 2) M8 x 20mm hex flange screws
- ⑧ M8 x 16 socket cap screw

**Required Tools:**

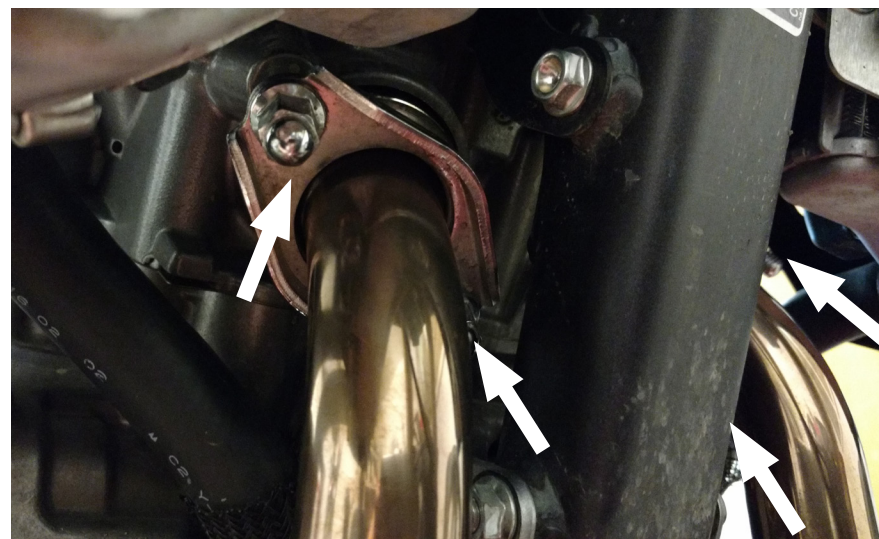
- ① 12mm spanner
- ② 14mm spanner
- ③ 14mm spanner
- ④ 8mm hex allen tool
- ⑤ 6mm hex allen tool
- ⑥ 12mm socket
- ⑦ Extension
- ⑧ Ratchet
- ⑨ Thread locker



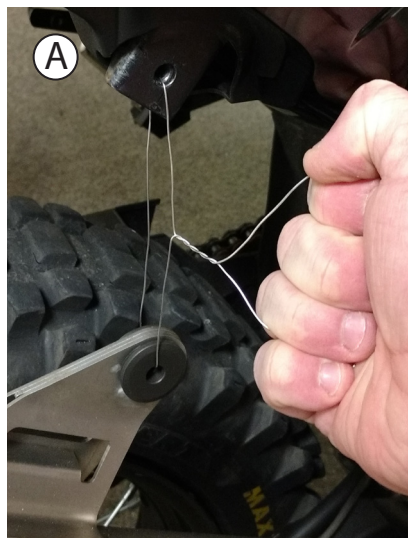
Install the **Bracket Set AT16-9-1000** before installing either the lower or upper crash bars.



- ① Depress locking tabs and unfasten the small clip that holds the oxygen sensor wire to the fill reservoir (located near the rear brake pedal).



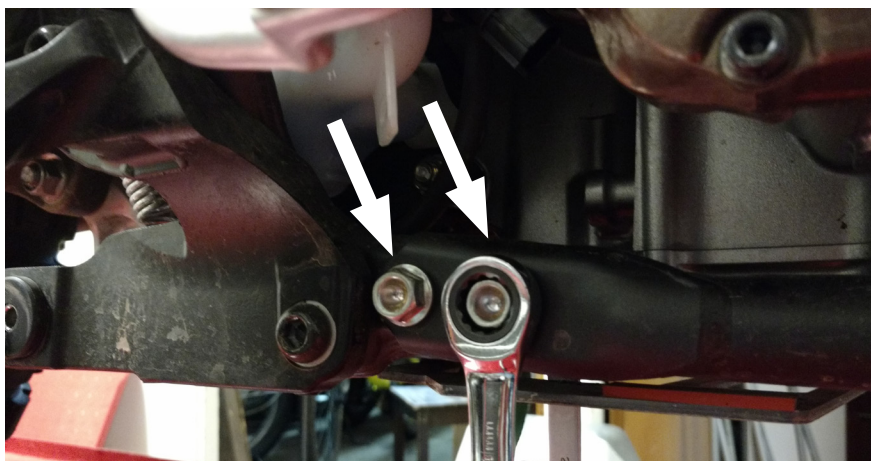
- ② Use 12mm socket with extension, loosen the four (4) acorn nuts that hold the exhaust header flanges. Do not remove completely, but make very loose.



- ③ Use 6mm allen tool and remove the screw that holds the exhaust canister. Prepare a loop of safety wire or zip ties, or some other method of hanging the exhaust from this mounting point. (A) A section of safety wire can be twisted as shown and used to take up any slack.



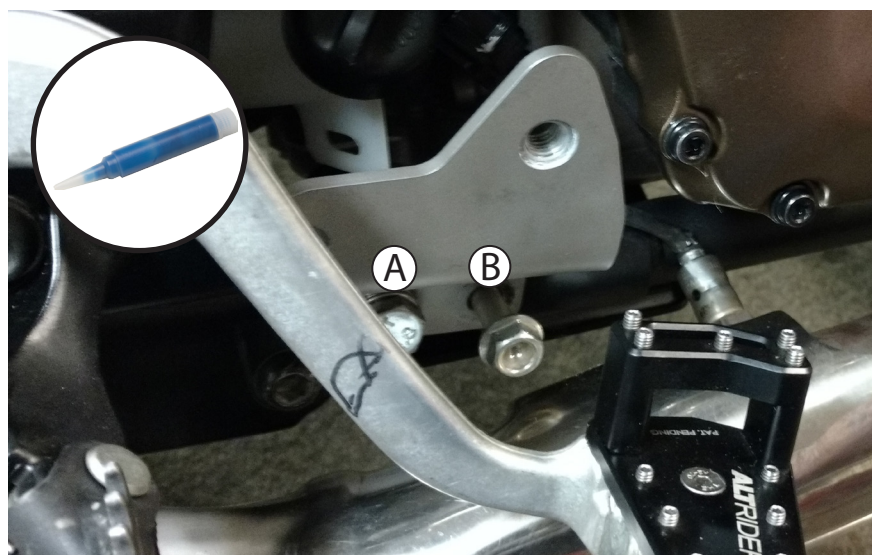
- ④ Use 12mm spanner and socket and remove the lower exhaust hanging bolt. The entire loosened system will now hang slightly lower.



- ⑤ Use 14mm spanners to loosen both frame rail M10 screws and nuts.



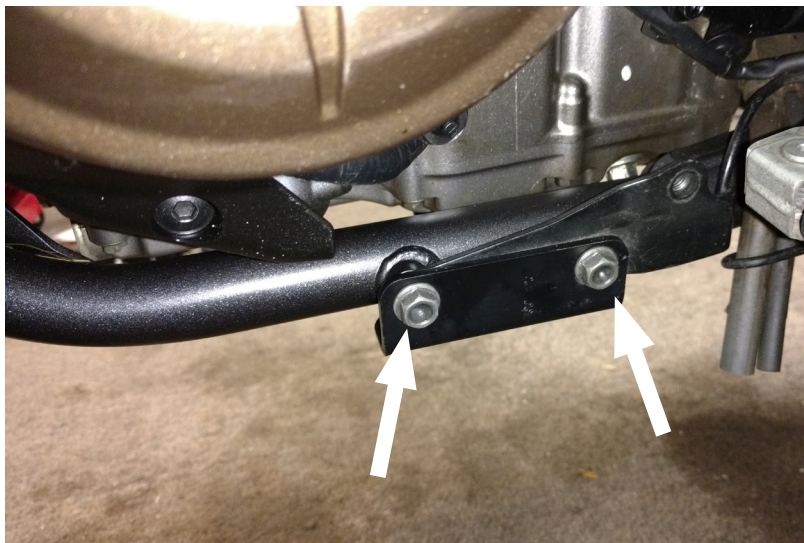
- ⑥ Remove both screws. discard the forward, shorter (60mm) screw, but keep the nut. !!TIP If removing the screws is difficult, wrap a screwdriver or small pry bar with cloth and lever the frame rail downward to release the pressure on the screw.



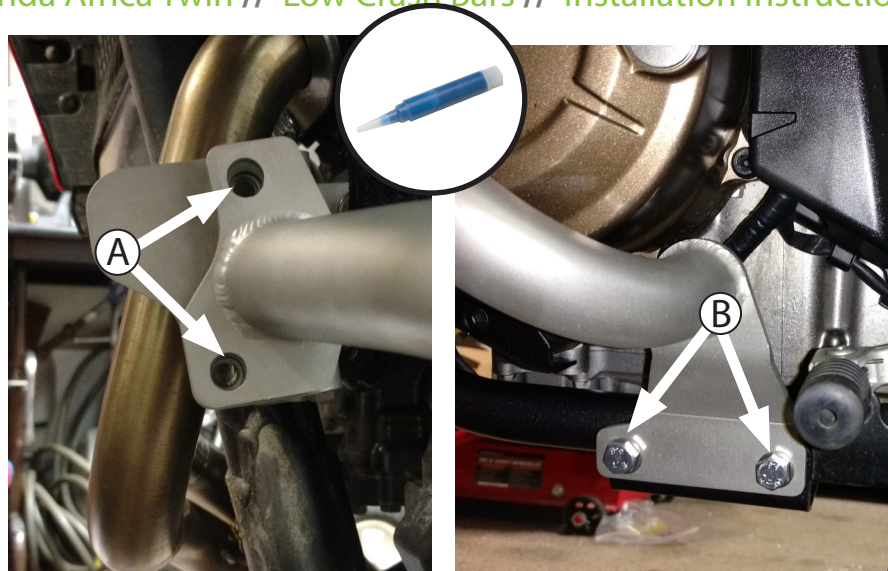
- ⑦ Install the Right Rear bracket.
If you are installing the AltRider Skid Plate, pause and install the skid plate rear mounting bracket now (it also uses these mounting bolts).
 Use a drop of thread locker on each screw.
 (A) Use the included AltRider M10 x 85mm screw in the rear position.
 (B) Use the OEM Honda M10 x 75mm screw in the forward position.
 Thread on the M10 nuts, but leave loose for now.



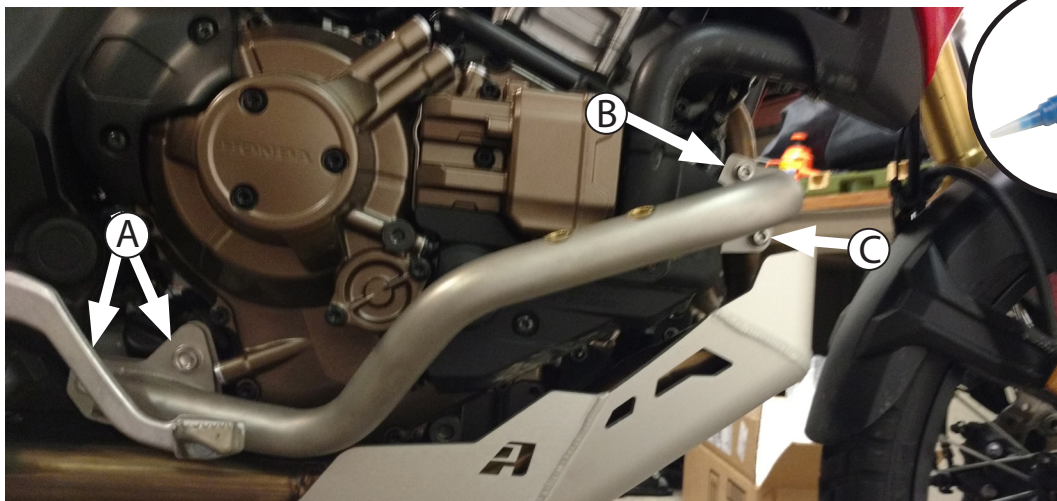
- ⑧ Inspect headers for blow by (not likely) and replace gaskets if worn. Reinstall exhaust, (steps 1 -5 in reverse order.) Don't forget to clip the o2 sensor wire in place. TECH TIP: The gaskets can be annealed by removing each and heating to cherry red to anneal and allow re-use.



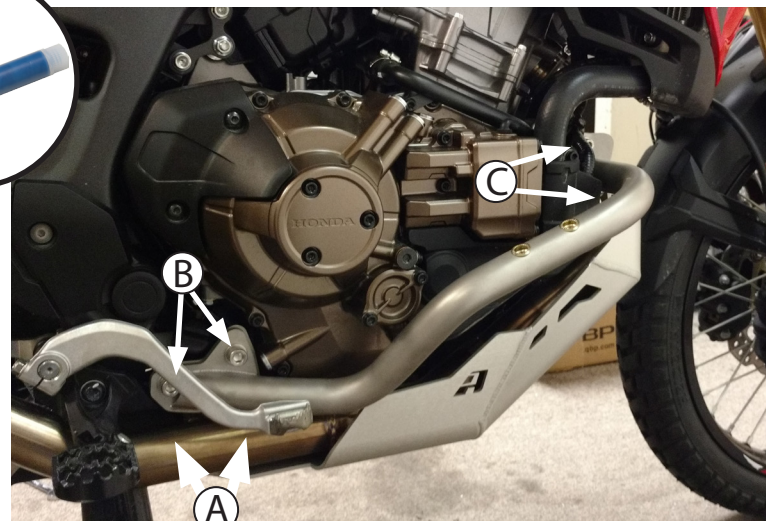
- ⑨ Remove two (2) M8 hex cap screws from the left rear frame rail. (If AltRider skid plate bracket is already installed, leave it in place).



- ⑩ Install Left bar. Add a drop of thread locker to each screw before installation. (A) Use two M8 x 25 socket cap screws at the front (supplied with Bracket Set kit). (B) Use two M8 x 25 hex cap screws at the rear (supplied with Crash Bar kit). Tighten all M8 screws to 23Nm.



- ⑪ Attach right side crash bar. Place a drop of thread locker onto each screw. (A) Use two M10 x 25 socket cap screws with washers at the rear (supplied with Crash Bar kit) (B) Use one M8x25 socket cap screw with washer in upper location. (C) If installing Low Bars only, use M8 x 16 socket cap screw with washer. If installing Lower and Upper bars, you will use the longer M8 x 25mm socket cap screw here. (do not tighten until upper bar flange in place).



- ⑫ (A) Tighten the M10 hex cap frame screws to 49Nm. (B) Tighten the M10 socket cap screws to 40Nm. (C) Tighten M8 socket cap screws to 23Nm.

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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