

AlRider Crash Bars for the BMW R 1200 GS

INSTALLATION INSTRUCTIONS

Dear Rider,
Thank you for choosing AlRider! Whether a seasoned world adventurer or a first time ADV-Newbie, we welcome you to the AlRider experience. You can install your new product with the utmost confidence. AlRider 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



R 1200 GS Crash Bars

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

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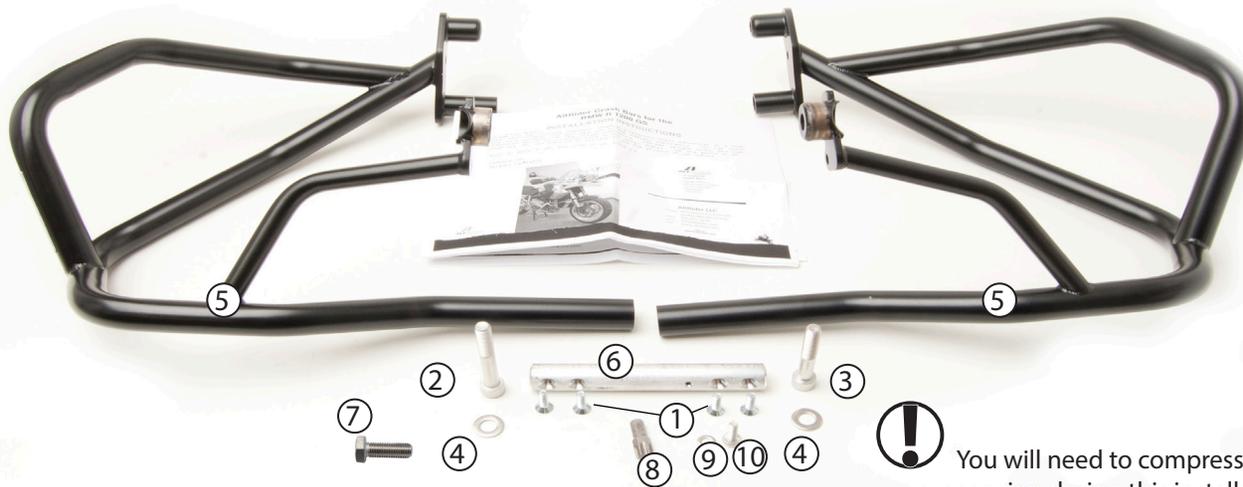
web: www.altrider.com

REV 9
MADE IN THE USA



Kit:

- ① (4) M6 x 20 flat head screws
- ② (1) M10 x 70 socket head cap screw
- ③ (1) M10 x 60 socket head cap screw
- ④ (2) M10 washers
- ⑤ left and right crash bar
- ⑥ connector rod
- ⑦ 6mm x 20 hex head bolt
- ⑧ T55 torx bit (provided by AltRider)
- ⑨ (2) M6 washer
- ⑩ (1) M6 x 20 button head screw



You will need to compress the R1200s suspension during this installation. AltRider recommends getting a buddy to sit on your bike while you install!

Recommended tools:

- ① 1/2" ratchet
- ② 1/4" ratchet
- ③ 3/8" ratchet
- ④ 1/4" driver
- ⑤ 8mm socket (used for T55)
- ⑥ (2) 18mm socket
- ⑦ T30 torx bit
- ⑧ M8 and M4 Allen tools
- ⑨ 13mm wrench
- ⑩ 1/2", 1/4", & 3/8" extension
- ⑪ 10 mm wrench
- ⑫ (1) .5ml thread locker
- ⑬ 1/4" Universal Joint



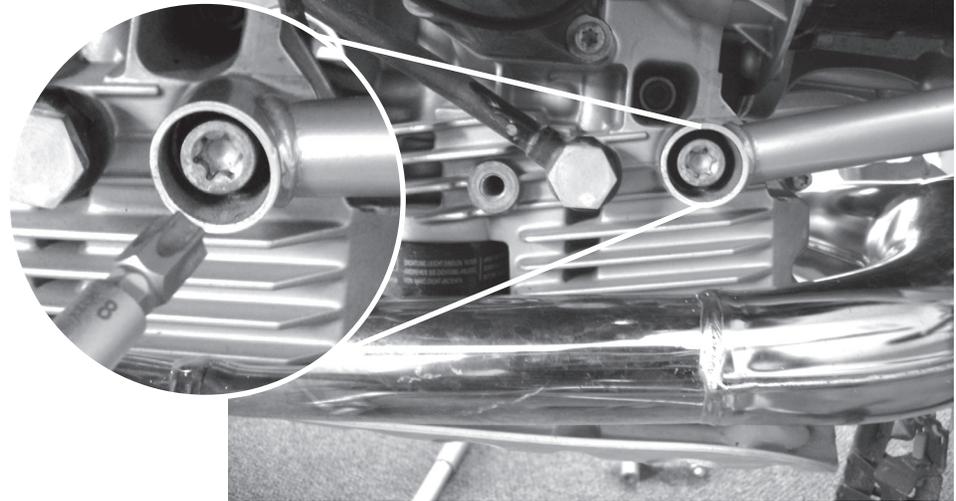


- ① Insert the billet aluminum connector rod in the left side crash bar, start the two M6 flat head screws using a 4mm allen. Leave loose to make starting second set later on much easier.



- ③ Lean the bike against the wall or have a buddy hold the bike up or sit on the bike as you need to compress the suspension.

! RIDER'S LEFT:



- ② Remove the T55 torx from the lower frame mount on both sides. Be certain you pull the washer out with the fastener.

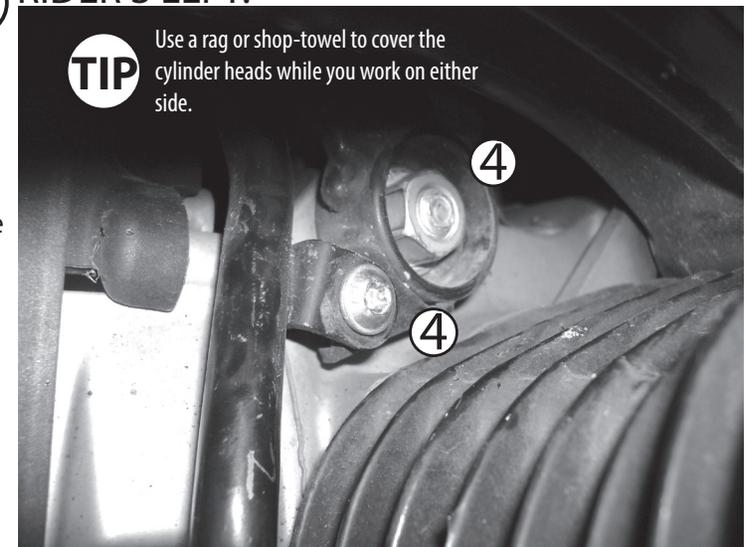
! RIDER'S LEFT:



You do NOT need to remove the large through-bolt on the upper frame mounts. Only the nut on the left side needs to be removed.

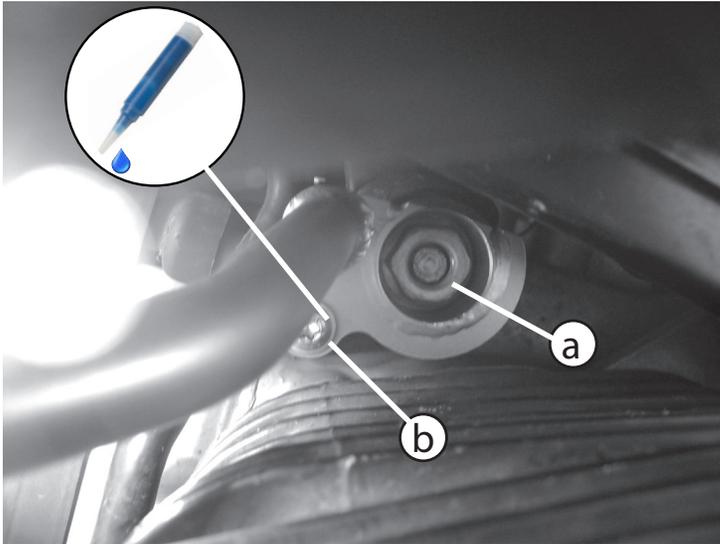
TIP

Use a rag or shop-towel to cover the cylinder heads while you work on either side.



- ④ Now you'll need two 18mm sockets. Your helper can hold the bolt on the riders right side while you turn the nut on the left side of the bike. Remove this nut completely. Also remove the T30 torx fastener.

! RIDER'S LEFT:

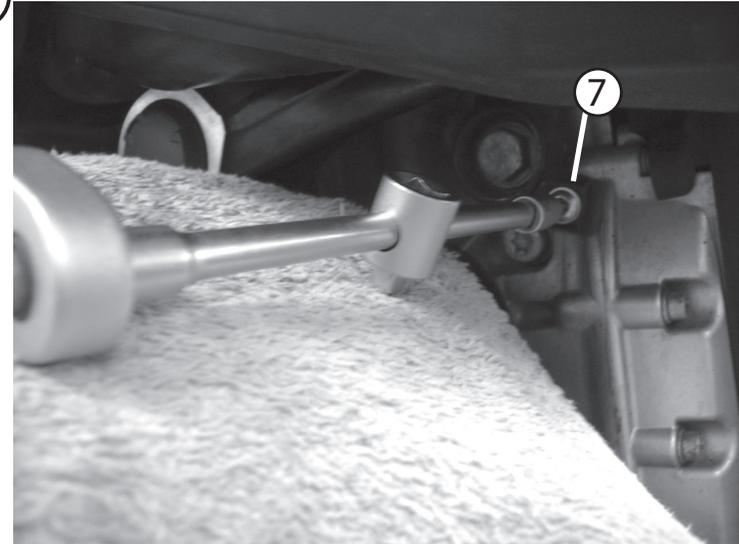


- ⑤ With the aluminum connector installed take the left side crash bar and line up the top and bottom mounts and gently push into place. (a) Install the 18mm nut and leave loose. (b) Install the T30 torx with thread locker, leave loose.

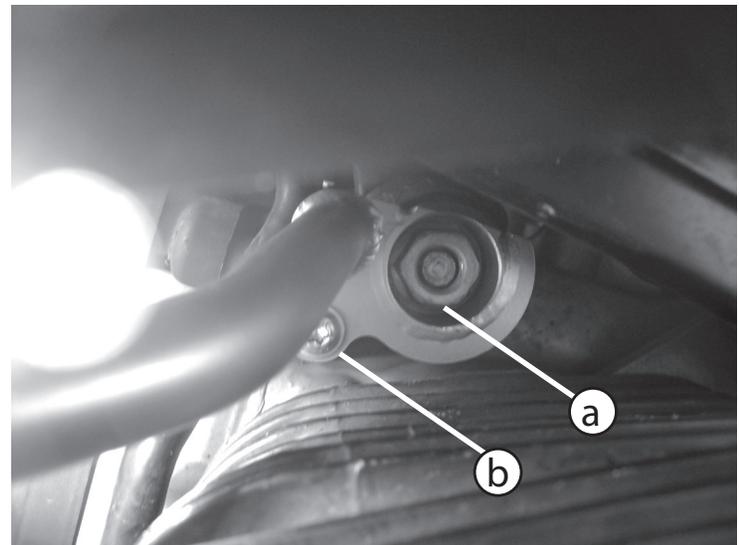


- ⑦ Install right side crash bar. Start by inserting bar on to the connecting rod then line up top and bottom mounts and gently push into place. Use a 4mm allen to insert the (2) remaining M6 flat head screws into the two holes on the underside of the cross-bar. Next using the 10mm wrench install the 6mm hex head bolt and washer into the upper right mount.

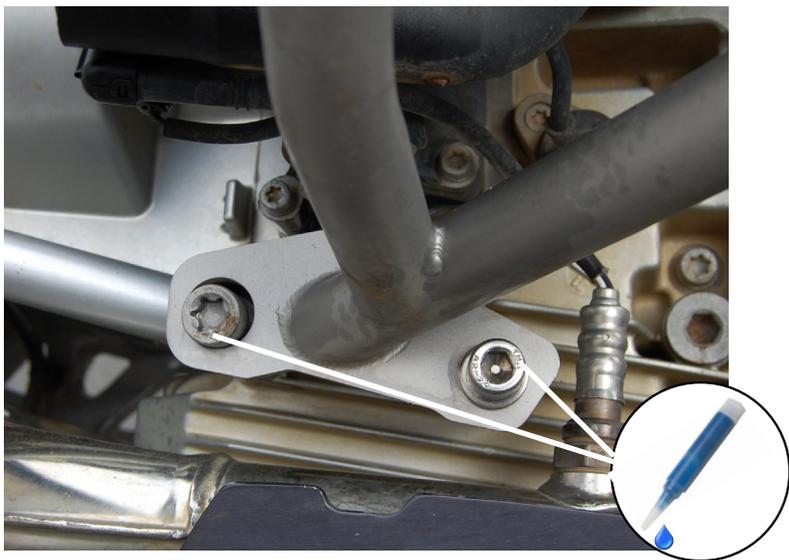
! RIDER'S RIGHT:



- ⑥ Now remove the T30 torx screw on the riders right side, upper frame mount. On 2010 and newer models this screw is not present. AltRider provides a replacement both for the left and right sides. See kit contents #7, #9 and #10.



- ⑧ Torque the T30 screw on left side (b) to 8nm and torque the 18mm cross bolt (a) and nut to 82nm.



- ⑨ Install the OEM T55 torx with washer and M10 x 60 bolt to left lower mount and OEM T55 torx with washer and M10 x 70 bolt to lower right mount. Do not torque all the way down yet. **NOTE: the longer M10 x 70 mm bolt belongs on the right side.**



IMPORTANT

- ⑩ Go back to the (4) M6 flat head screws and tighten them. Next tighten the T55 Torx and M10 bolts on each side of lower mounting point and torque to appropriate specification. The T55 Torx gets torqued to 55nm and the M10 to 25nm.

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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