



AltRider Crash Bars for BMW R 1250 GS 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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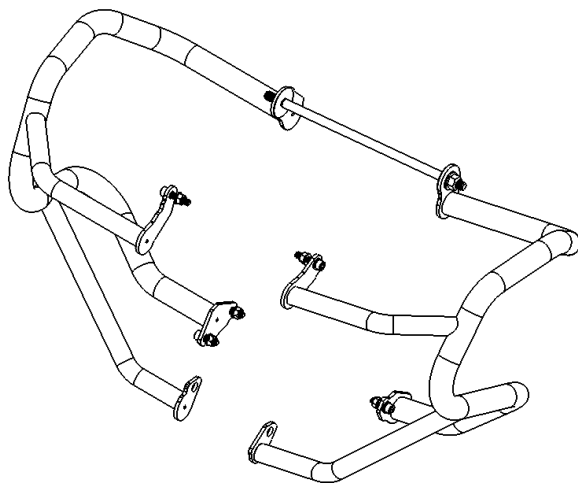
Enjoy it, show it off, and most of all, RIDE IT!

Venture On,
Jeremy LeBreton



**AltRider Crash Bars for
BMW R 1250 GS**

Package Contents:
- Crash bars
- Hardware kit



AltRider LLC

Global

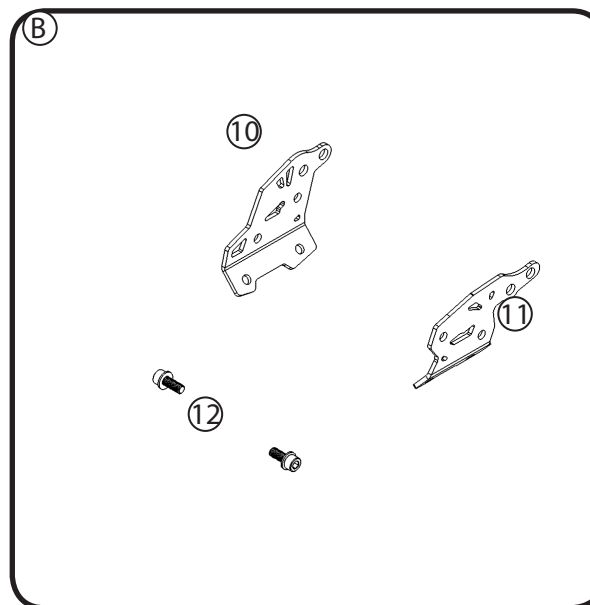
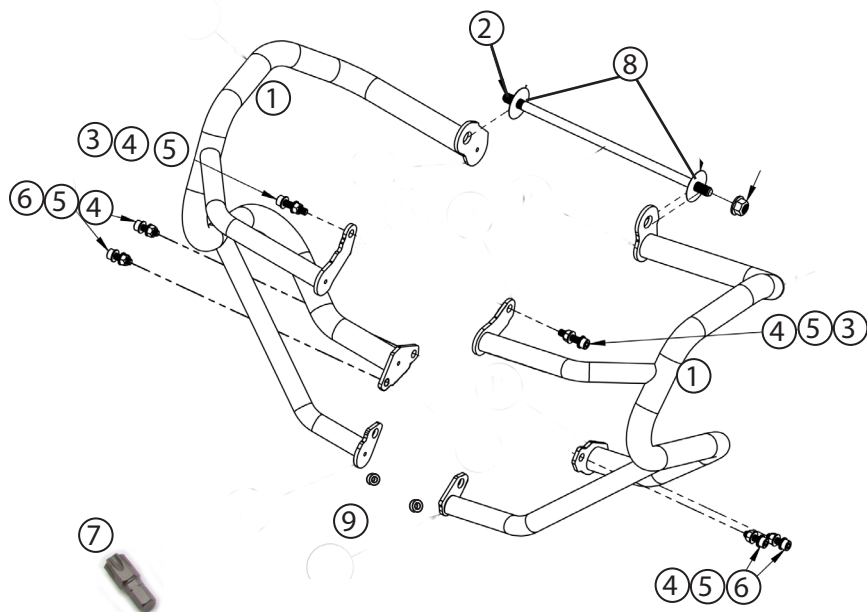
mailing: 4000 Aurora Ave N Ste 100
Seattle, WA 98103 USA
phone: 206-922-3618
email: info@altrider.com
web: www.altrider.com

Europe

mailing: Oude Middenweg 231-M
2491 AG DEN HAAG
Netherlands
email: info@altrider.eu
web: www.altrider.eu

Rev 0
MADE IN THE USA



**Kit:****(A) Crash Bars Contents**

- ① Crash bars right and left side
- ② Replacement engine bolt w/nut
- ③ (2) M8 x 35mm SC screws
- ④ (6) M8 Serrated nuts
- ⑤ (6) M8 washers
- ⑥ (4) M8x25mm SC Screws
- ⑦ T55 Torx driver
- ⑧ (2) Nylon Paint protection discs
- ⑨ Custom Spacers

(B) Bracket Contents

- ⑩ Right bracket
- ⑪ Left bracket
- ⑫ (2) M10 x 25 bolts

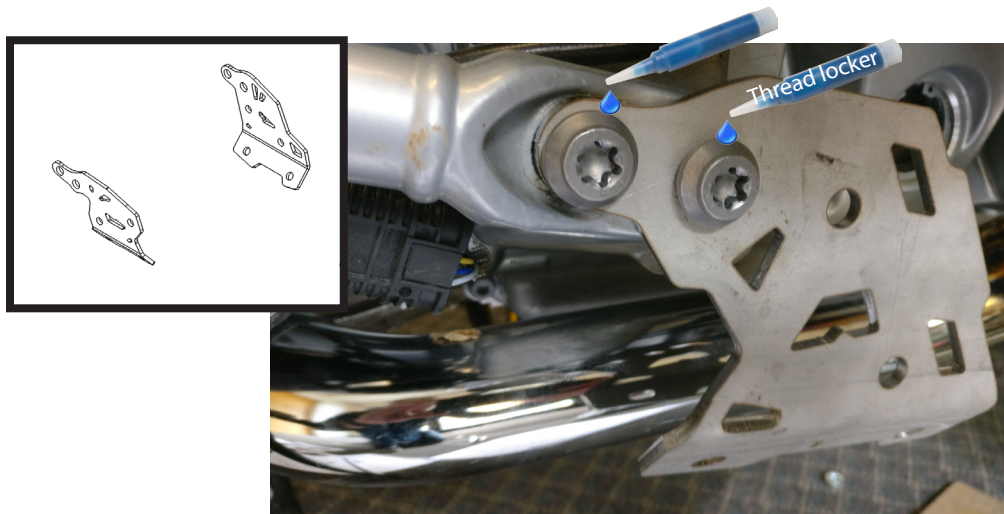
Recommended tools:

- ① Hardware tray
- ② 1/4" ratchet / 1/4" extension
- ③ 1/2" driver / 1/2" extension
- ④ 8mm socket (for T drivers)
- ⑤ M6 allen
- ⑥ 13mm wrench (ratcheting preferred)
- ⑦ Thread locker
- ⑧ 18mm socket
- ⑨ torque wrench
- ⑩ 18 mm wrench (to hold engine bolt)



Adventure Model: If you have BMW OEM crash bars installed remove these first.

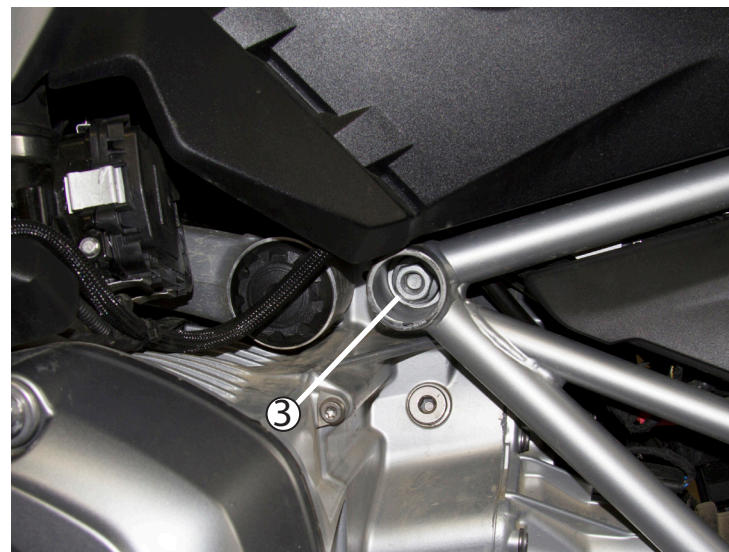
AltRider Skid Plate: If you also purchased the AltRider skid plate, install the skid plate first, reference skid plate instructions. If you already have AltRider skid plate installed You may skip to step #3 **NOTE:** You may need to loosen the (2) OEM M10 bolts in step 2 that hold the AltRider Bracket.



- ② Starting with the right side install the brackets with (2) OEM M10 Torx bolts and apply thread locker. Get all fasteners started but do not tighten yet. Repeat on the left side. See diagram above for reference. TIP: take your time getting the frame aligned with holes in engine mounts. Note: If the holes are not aligned have a helper try lifting the rear of the bike slightly to help.



- ① Using a T50 driver remove the (2) OEM M10 lower engine mount bolts on the left side.



- ③ With bike on center stand, remove OEM engine bolt using 18mm socket and T55 driver. Use a 1/4" extension to push the bolt out far enough that you can grab it and remove by hand. Save the nut for step 4.



- ④ Insert nylon paint protection disc (8) between the crashbar flange and frame boss while inserting the through bolt. Starting with the left side, partially insert engine through bolt into bars as shown above. Feed engine through bolt all the way in, allowing the bars to hang. On the right side insert right side crash bars and attach OEM nut from step 3, apply thread locker.



- ⑥ Install the M10 x 25mm bolt and washer, found in the bracket kit, to the front lower mount position at the bottom of the engine on each side. Insert a spacer between the flange and mounting location if not using AltRider Skid Plate. Use thread locker. Do not fully tighten yet.
Note: If the AltRider Skid Plate is installed, the flange will sit atop it.



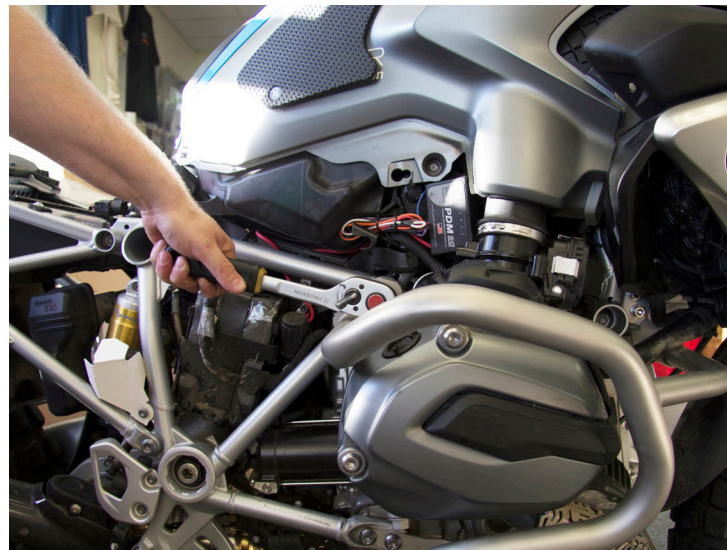
- ⑤ Install the (1) M8 bolt, (2) washers, and (1) lock nut to the top front mount on each side using an M6 driver and 13mm wrench.



- ⑦ Install the (4) M8 x 25 bolts with (4) washers (2 on each side), tighten with (4) M8 lock nuts. Torque to 38nm



- ⑧ Torque the M10 bolts in step 6 to 38nm. Torque M8 bolts in step 5 to 19nm.



- ⑨ Using two 18 mm sockets, tighten the M12 engine bolt and then torque to 85 nm.



- ⑩ Return to bracket bolts listed in step #2 and torque the M10's to 55nm.



- ⑪ After riding for 100 - 500 miles check all fasteners to make sure they are at the correct torque setting.

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.

Global Office:

email: info@AltRider.com
phone: +1 206-922-3618
address: 4000 Aurora Ave N
Ste 100
Seattle, WA 98103



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Europe Office:

email: info@AltRider.eu
address: Spectrumlaan 31
2665 NM Bleiswijk
Netherlands

