

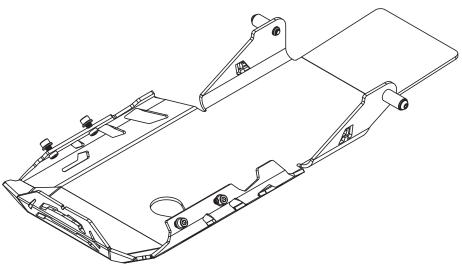
# AltRider Skid Plate for BMW R 1200 GSW INSTALLATION INSTRUCTIONS

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.

=njoy it, show it off, and most of all, RID= IT!

venture on, Jeremy Lebreton





AltRider Skid Plate for BMW R 1200 GSW

Package Contents:

- Skid Plate
- Hardware Kit
- Instructions

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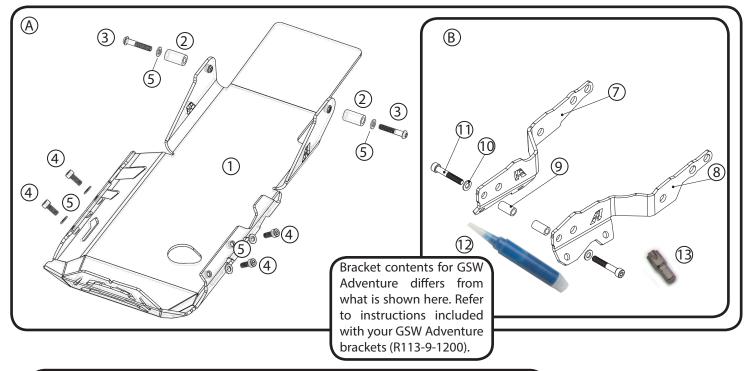
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R116 REV1 MADE IN THE USA









# Recommended tools:

- (1) hardware tray
- 2) 1/4" ratchet
- (3) 1/4" driver
- (4) 1/2" driver
- 5) 1/2" extension
- 6 M5 allen
- 7 M6 allen
- 8 Snap ring pliers
- 9 13mm wrench & socket
- 10 8mm socket
- (11) Thread locker

## Kit:

- (A) Skid Plate Contents
- (1) Skid plate
- (2) (2) Center stand pins
- (3) (2)M8 x 45mm button head bolt
- (4) (4) M8 x 14 mm SH cap bolts
- (5) (6) M8 washers
- **B** Bracket Contents
- (7) Right bracket
- (8) Left bracket
- (9) (2) Spacers
- (1) (2) M8 washers
- (1) (2) M8 x 50 SH cap bolts
- 12 Thread locker
- (13) T50 torx driver









NOTE: If you also purchased AltRider crash bars install them first, reference crash bar instructions and take note that **step #1 is critical.** If you already have AltRider crash bars installed skip to step #3. Place bike on center stand. Remove OEM skid plate and any brackets. Using a T50 Torx driver remove the (2) OEM engine bolts from each side, keep them.



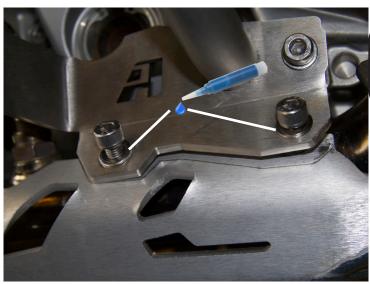
Place the bike on its side stand. Using your hand compress the rear brake caliper so you can freely move the rear brake lever down.



(IF YOU ARE INSTALLING SKID PLATE ON ADVENTURE MODEL, REFER TO SPECIAL INSTRUCTIONS INCLUDED WITH ADVENTURE BRACKETS) Starting with the right side install the brackets with spacer, M8 bolt and washer (a), and (2) OEM M10 Torx bolts (b). Use anti-seize. 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.



4 One side at a time and starting on the right side, remove the snap ring (a). Push OEM pin inward a bit with extension to get it started(b). Lube the AltRider aluminum hollow pin with grease, and use it to push the OEM pin out the rest of the way.(c). Push AltRider pin completely into place. Repeat for left side.



TIP: It is suggested that you prop the skid plate up against bike with a box or your foot if a helper is not available.

Align the front of the skid plate with the front brackets and using an M6 driver install all (4) M8 socket head cap bolts and M8 washers. Use thread locker. Leave all (4) loose for now.



With bike still on side stand. Apply loctite to each M8 x 45mm long Button Head bolt. Install bolt with washer through each hollow center stand pin and into the threaded insert in the skid plate. Tighten each M8 bolt to 10nm of torque.



6 Adjust pins so they are centered on the frame, with a few millimeters protruding from both the inner and outer side of the center stand pivot.



(8) Check brake pedal action for clearance to bolt head. Push pin in further or adjust lever if more clearance is needed.

Return to bracket bolts listed in step #2 and torque the M8's to 13nm and the M10's to 55nm. Tighten all (4) front mount M8 bolts (from step #5) to 13 nm of torque. Ride for 100 - 500 miles and check inspect all fasteners for correct torque rating.

# **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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