



AlRider Crash Upper Bars 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.

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Venture On,
Jeremy LeBreton



**AlRider Upper Crash Bars for
BMW R 1200 GSW**

Package Contents:
- Crash bars
- Upper bracket
- Hardware kit

AlRider LLC

Global

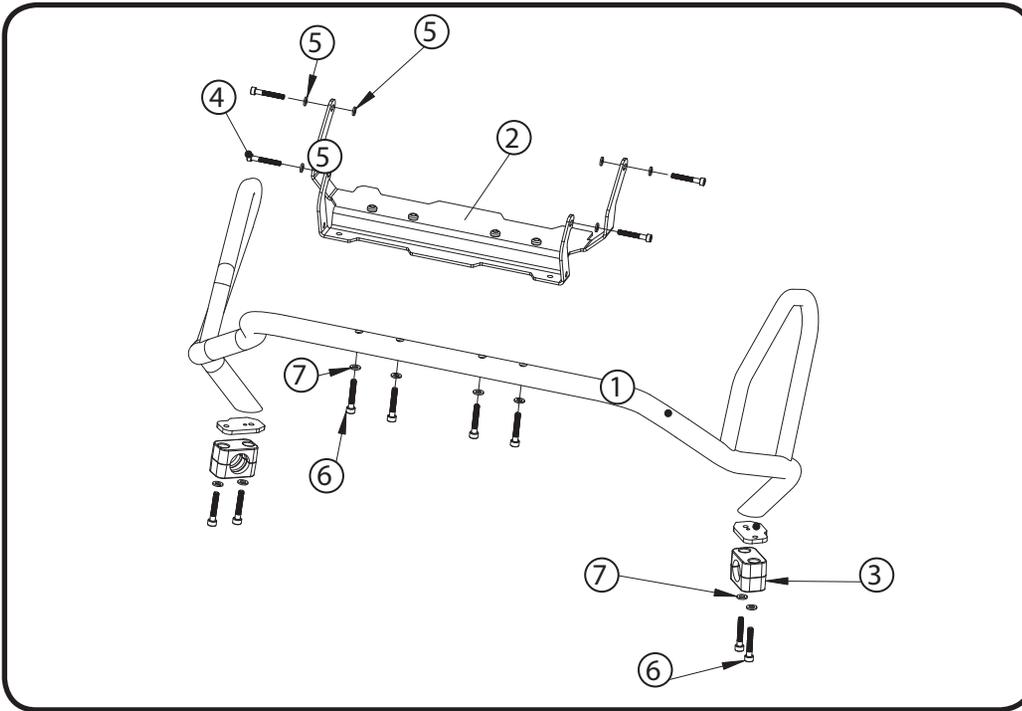
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Rev 2
MADE IN THE USA





Kit:

- ① Upper crash bars
- ② Upper bracket
- ③ (2) aluminum clamps
- ④ (4) M5 x 40mm screws
- ⑤ (6) M5 washers
- ⑥ (8) M6 x 24mm screws
- ⑦ (8) M6 washers



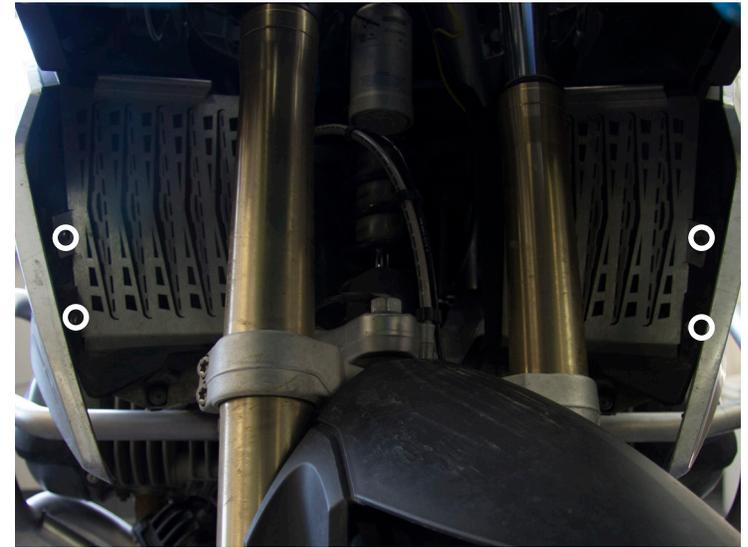
Recommended tools:

- ① hardware tray
- ② 1/4" ratchet / 1/4" extension
- ③ M5 allen driver
- ④ T25 driver
- ⑤ Thread locker
- ⑥ torque wrench
- ⑦ M4 allen driver



**TIP:**

Use two separate containers to hold the fairing fasteners that you remove. One for the right side and another for the left side.



- ① Remove rider seat. Using T25 driver, remove a total of 6 fasteners in various places on the right side fairings. Note: pay close attention to where each fastener comes from, some are different. Fasteners represented by squares are long shoulder fasteners.



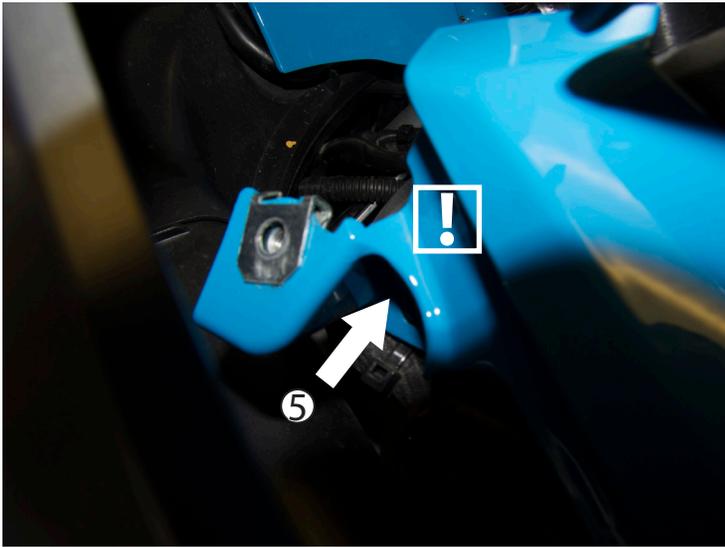
Be careful to avoid scratching the two marked areas when two fairing rub together.

- ③ Carefully peel back the air scoop fairing and pay attention to rubber grommet in the front that may come out, do not lose. Remove the black trim piece right above the battery cover (a). Cover (a) is keyed and must slide backwards to remove. Set aside.

- ② Using T25 driver remove the (4) bolts holding radiator shrouds in place, (2) on each side. If you have the AltRider radiator guards installed, these are the same bolts also holding these guards in place.



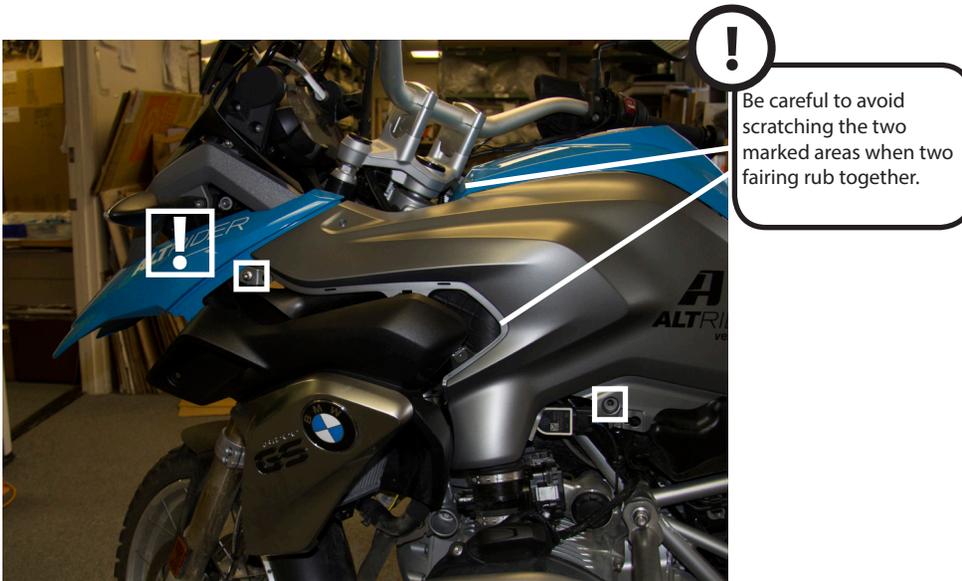
- ④ Using the T25 driver, remove the 1st exposed beak screw. Also remove the lower fairing screw right above the cylinder head (Note: this fastener may be long but not long shouldered). Fasteners represented by squares are long shoulder fasteners.



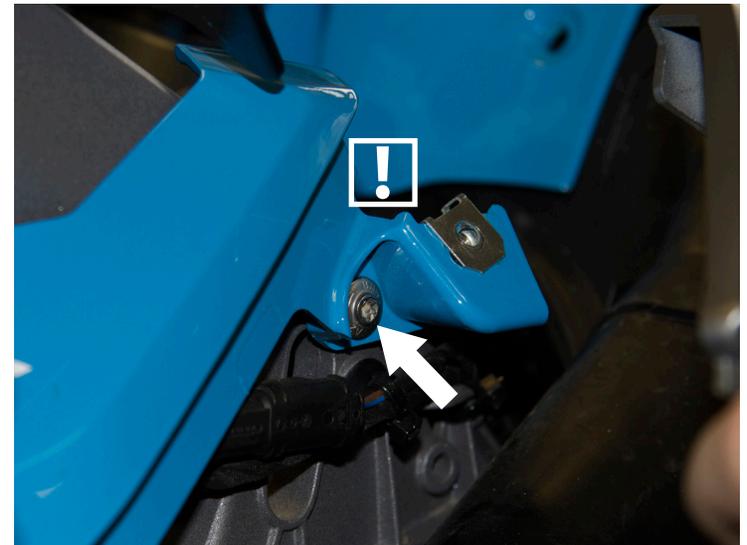
- ⑤ Remove the 2nd exposed beak screw by carefully peeling back the fairing that covers the beak. This is a long shoulder fastener.



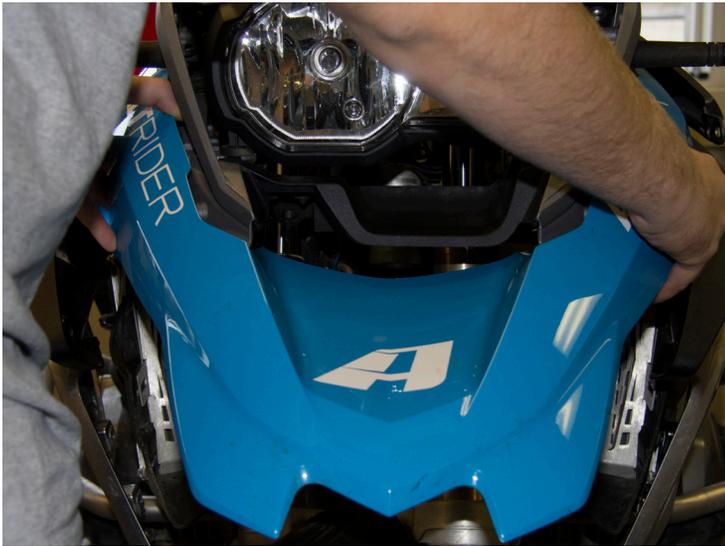
- ⑥ Switch to the left side and remove a total of (6) fairing screws using the T25 driver. Also remove trim piece (a) which is keyed and must slide backwards for removal. Fasteners represented as squares are long shoulder fasteners!



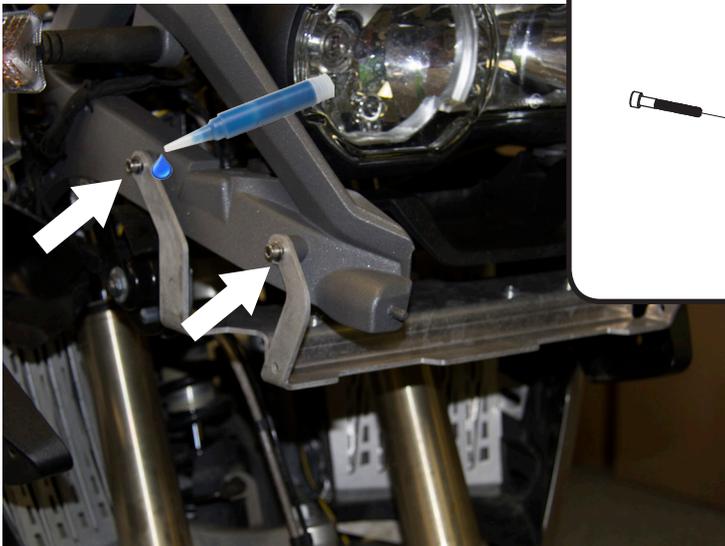
- ⑦ Peel back air scoop which is retained by a rubber grommet. Using the T25 driver, remove the 1st exposed beak screw. Also remove the lower fairing screw right above the cylinder head. Fasteners represented as squares are long shoulder fasteners!



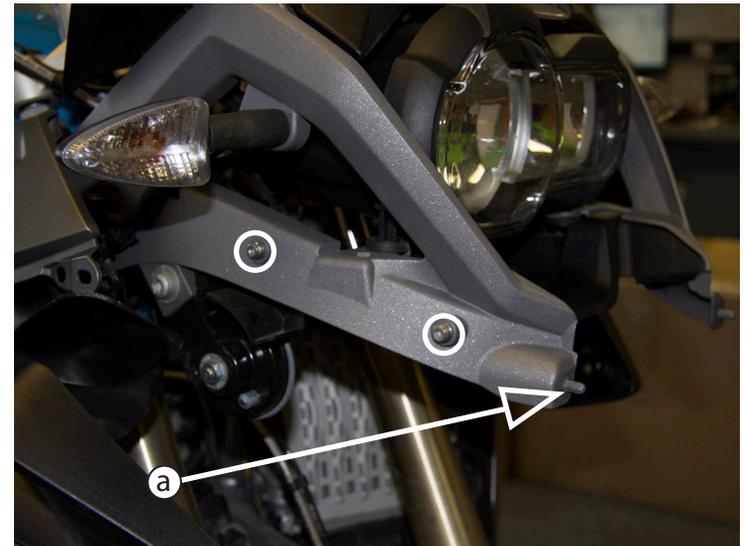
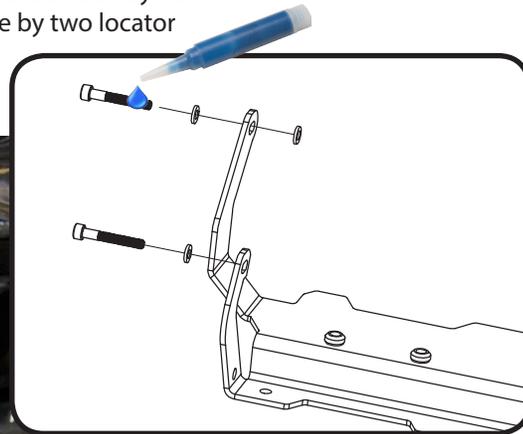
- ⑧ Carefully peel back fairing and remove the 2nd beak screw, this one is harder to get to and be careful not to scratch any painted plastic. This is a long shoulder fastener.



- ⑨ Spread the side of the beak and pull beak forward and away from bike. Note: the front of the beak is held in place by two locator pins.



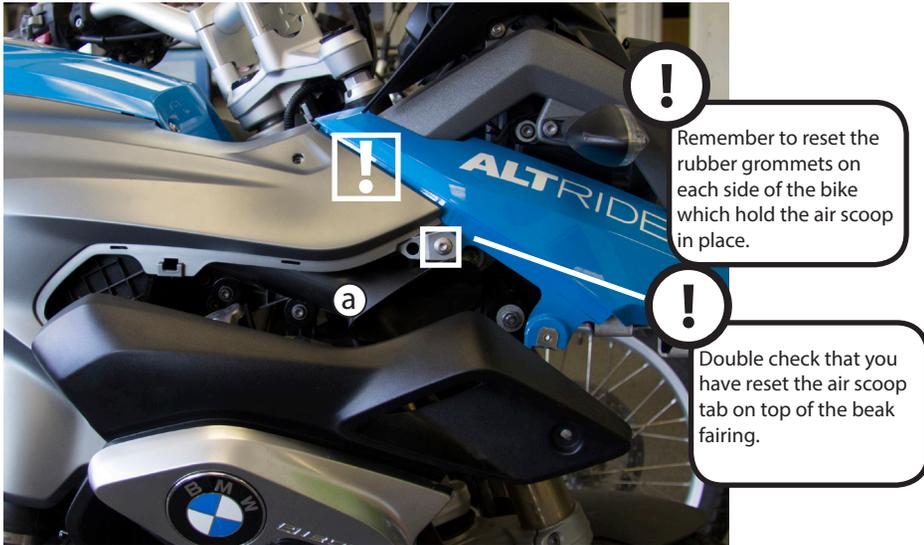
- ⑪ Install the upper bracket using an M4 driver and (4) M5 x 35mm bolts and (6) M5 washers; TAKE NOTE OF WASHER PLACEMENT BY REFERENCING THE ABOVE DIAGRAM. Apply thread locker to the fasteners. Completely tighten each fastener and torque to 10 nm.



- ⑩ Remove (4) total OEM M6 bolts from the front sub frame (2) on each side. Set them aside as you will not need them to complete this installation. (a) gives you reference to the beak locator pins.



- ⑫ Replace the fairings and fairing fasteners on both sides of the bike, starting with the front beak section. Take care and make sure the fasteners with the extra tall shoulders are installed in positions where two pieces of fairing are sandwiched together.



- ⑬ Ensure that you have the air duct (a) in between the fairing and the fender clip, use (1) of the long shoulder bolts here. This should be repeated on the opposite side. Remember to reset the rubber grommet before starting fasteners.



- ⑮ Assemble each clamp. Start by placing the top section of the clamp in between the upper and lower bars. Next mate the bottom section of the clamp against the top and start threading the rear (2) M6 x 35mm bolts and washers. Add thread locker and torque to 10nm on each side. NOTE: bars may not line up dead center with holes in clamps. If this happens simply leverage on the bar so it lines up properly before starting the threads to avoid cross-threading. Once all (4) bolts are started, torque them to 10 nm in a criss-cross pattern providing equal compression.



- ⑭ Hold your upper bars in place while you start threading the (4) M6 x 35 mm fasteners and washers. Add thread locker to each fastener, do not tighten all the way.



- ⑯ Return to the top (4) M6 x 35 fasteners holding upper bars to upper bracket and torque them to 10 nm. After 100 - 500 miles of riding, check all fasteners for correct torque spec.

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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