

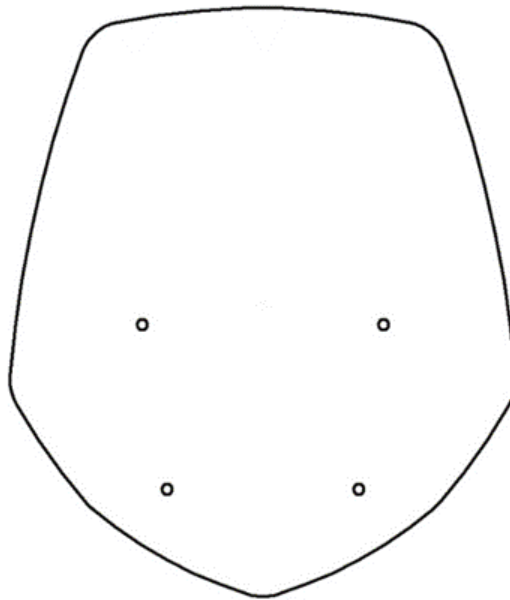
MADSTAD

Adjustable Windshield System

BMW R1200GS/GSA & R1250GS/GSA (2013-Up)

** Please read this entire manual before proceeding with the installation **

- (1) Pair of MadStad Brackets
- (2) Two slim slotted braces
- (4) M5 X 20 Phillips Screws
- (4) M5 Plastic Flat Washers
- (4) M6 X 16 Button Screws
- (10) M6 Metal Flat Washers
- (10) M6 Nylock Nuts
- (4) Soft Rubber Washers
- (2) M6 X 35 Button Screws
- (4) M6 X 25 Button Screws



Overview

Our MadStad adjustable windshield brackets are designed to bolt to the factory windshield mounting points. The MadStad windshield then attaches to the front of the brackets with M5 Phillips head truss screws and washers. Very simply, the brackets install between the shield and the factory mounting holes.

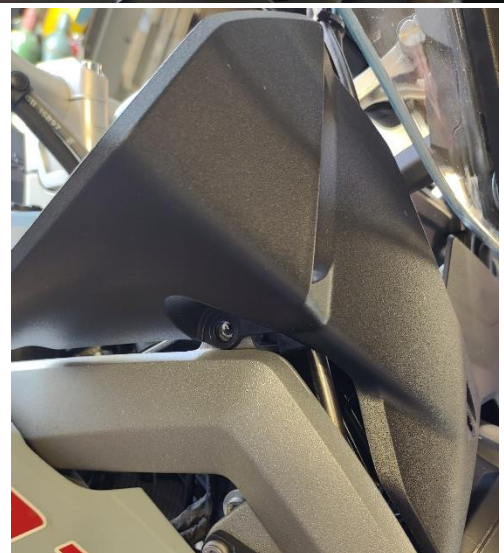
You will need to remove the factory windshield and plastic trim plates, you will not need them.



1. Removing the Factory Windshield & Front Cover

The windshield screws are covered by two plastic strips. They can be removed by prying them off with a blade screwdriver. Under the plastic strips are four screws that hold the windshield in place. You won't need to reuse these screws. See photo on right.

For the Front Cover, you'll find a couple of screws in the front and a couple of more on the sides of the cover. See photos below and lower right.



2. Side Brace Attachment

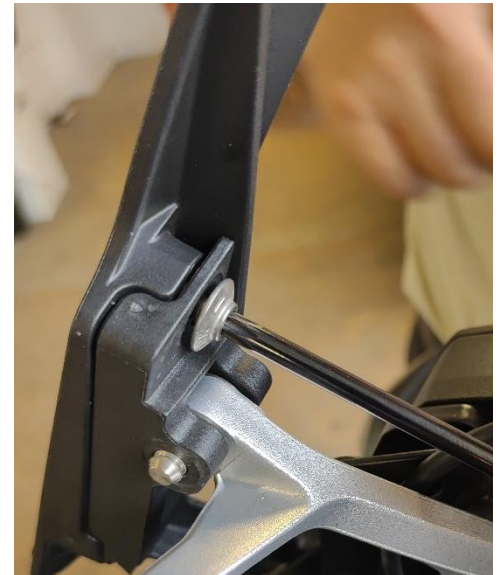
The R1200/R1250 height adjustment mechanism is not rigid and causes windshield vibration. We have provided two slotted braces (with a zig-zag bend) that will lock this mechanism in solidly.

On either side of the speedometer display, there are two nuts and bolts to remove. (See photo on right.) Remove both nuts and bolts on one side of the bike only, you will do the other side later.

On the same side you need to remove the factory plastic arms that hold the shield. They are screwed into a small plastic pivot so you will need to remove the screw on the back side of the arm (see photo below right), then remove the arm. Then remove the pivot pin running through the plastic pivot and metal brace. That pin has a retaining clip on the inside. You will need to pry that off and remove the pin which will be replaced by a slightly longer screw and nut.

The long slot on the brace will attach over the two M6 x 25mm button socket screws and nylock nuts provided, which you will use as replacements for the factory screws and nuts you just removed (see photo below). The short-slot front of the bracket must zig-zag inward so that it meets the metal arm where you just removed the pivot pin. You might need to turn the factory windshield adjustment knob to move the mechanism into place to meet up with our brace.

Attach the front slot of the brace through the pivot hole with the M6 x 35mm screws and nylock nuts provided (see photo at bottom-right). There are a couple more photos on the next page to help show how this attaches.





Once the side brace is attached securely to the pivot point at the front, and the side screws and nuts are tightened as well, go ahead and repeat the process on the other side. After that you can put back the flat plastic arms that held the factory shield, you are going to attach our brackets there next.

3. Attach the MadStad Adjustable Brackets

The MadStad brackets are mounted right on to the factory brackets holes using the M6 X 16 screws through the front (top) side of the brackets with flat washers and nylock nuts on the back side. You will need a 4mm Allen wrench and a 10mm combination or socket wrench (see photos below). Make sure the knobs on the brackets are up and facing inward toward each other for proper orientation.

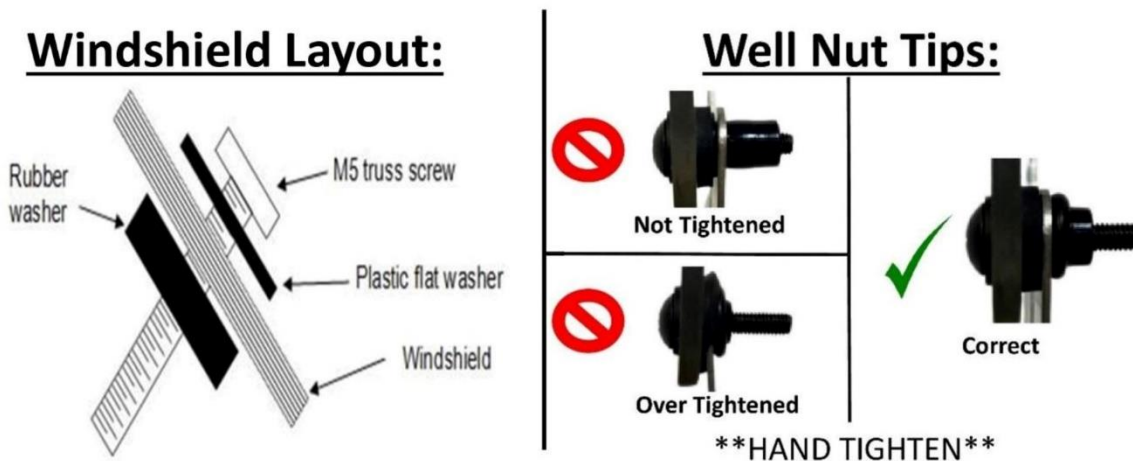
After the adjustable brackets are on you can reattach the wide front cover back on the front of the bike using the factory screws.



5.

Windshield Installation

1. Pre-install the Truss screws & washers into the windshield holes as shown in the image below.
2. Once all four of the screws are in place, gently guide the screws into the Well Nuts in the brackets until all four are set.
3. Hand tighten the Truss screws until they swell up behind the bracket and are firmly holding the windshield.



Adjusting the Brackets

The knob screws release the brackets allowing the windshield to slide and tilt. These knobs must always be tightened securely before riding. DO NOT attempt to adjust the brackets while riding! You must come to a complete stop before making adjustments and make sure that you do not set the windshield in such a way that causes your handlebars or hand guards to interfere with the operation of your motorcycle.

Set the windshield so the top edge is at about your chin level as you look straight ahead while seated on the bike. Set the angle at approximately 60 degrees which is usually at the middle of the bracket angle range. Tighten the knobs and go for a test ride. Do this on a calm day if at all possible; windy days make it hard to judge the airflow. Don't ever try to adjust the brackets while in motion!

To try a different windshield position, bring the motorcycle to a complete stop and out of traffic. Loosen the two knob screws and tilt the windshield forward or back one or two notches, and/or adjust it up or down if necessary. Re-tighten the knobs and go for another ride. Continue experimenting with different positions you find a combination of height and angle that is the most comfortable.

Disclaimer

Neither MadStad Engineering nor its owners shall be liable for any damages, consequential or inconsequential, resulting from the use of our products. Installation of any of our products constitutes acceptance of these terms.

It is the responsibility of the user to make sure all fasteners are tightened securely, the windshield is mounted properly and the adjustment knobs are tightened snugly before putting the motorcycle in motion. MadStad systems ARE NOT intended to be adjusted while the vehicle is in motion; you must pull over out of the way of traffic and come to a complete stop before making any changes. The user must never place the windshield in such a position as to interfere with the safe and complete movement of the handlebars and controls.

Returns and Warranty

MadStad adjustable brackets carry a lifetime warranty against manufacturing defects. This does not include cosmetic issues nor any parts that inherently wear out or degrade over time such as rubber and plastic parts. Windshields, deflectors, and other similar plastic parts are warranted for 1 year against manufacturing defects, not against cosmetic issues or issues related to normal wear and tear. Please visit our website for further details.

MadStad Engineering, Inc.

1451 E. Jefferson St.

Brooksville, FL 34601

352-848-3646

Web Site: <http://www.madstad.com>

Email: support@madstad.com

Thank you for your support, and ride safely!