

# MADSTAD

## Adjustable Windshield Mount

BMW R1200R 2015-up

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

### What is in the box:

- (1) R1200R 2015 brackets kit
- (1) R1200R Mounting Base
- (4) M5 x 12 mm short Phillips screws
- (4) M5 metal flat washers

### For windshield attachment:

- (4) M5 x 25 mm truss screws
- (4) M5 plastic flat washers
- (4) soft rubber washers



## Bracket Installation

Your MadStad brackets are a “Quick Release” variety designed to attach to our base plate that will bolt just above the R1200R headlight housing.

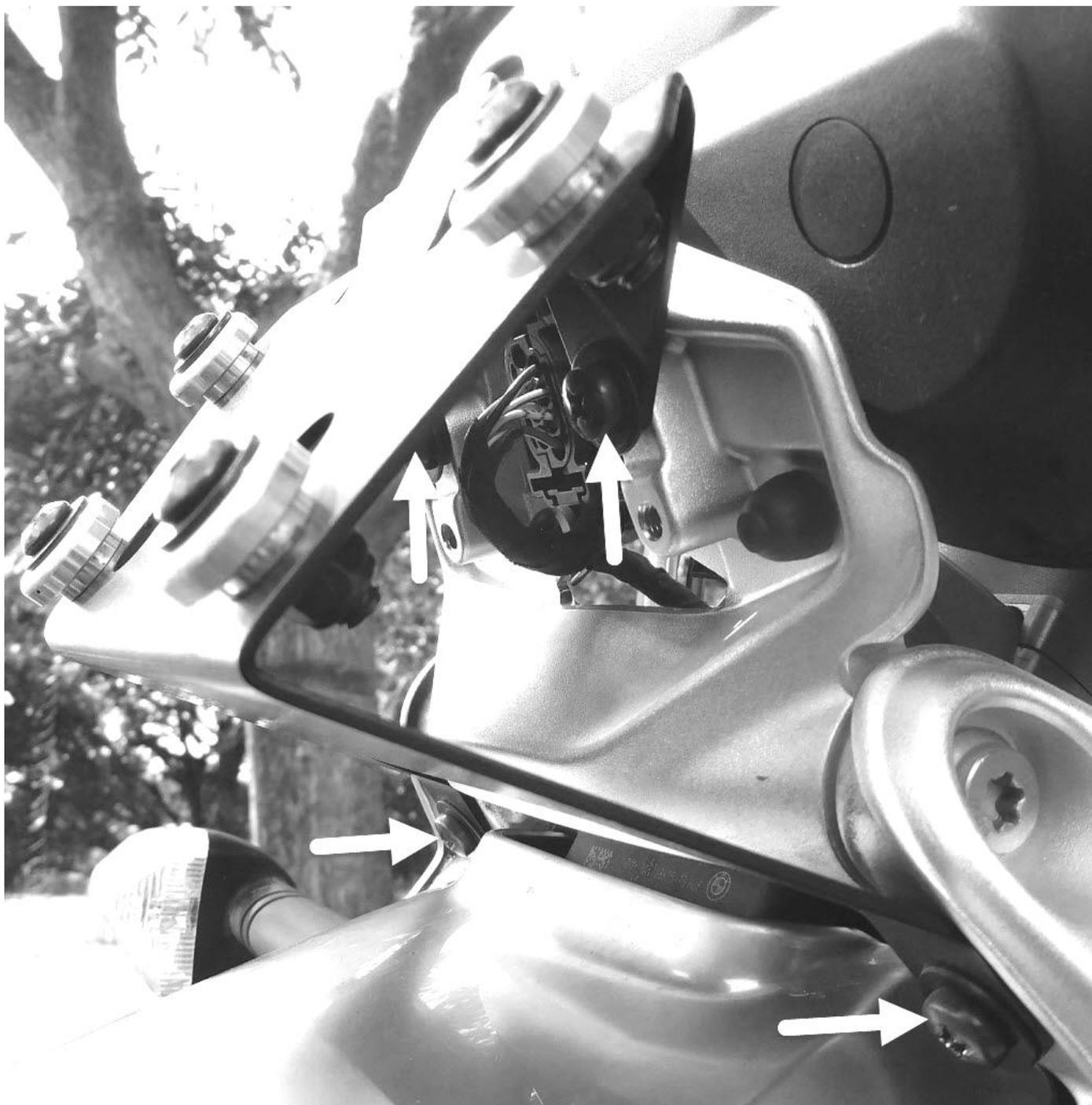
**STEP 1:** Remove the two screws at the bottom of the headlight housing as shown below. Then pull off the plastic trim ring that surrounds the headlight. Getting this piece off will make it easier to attach our base plate.



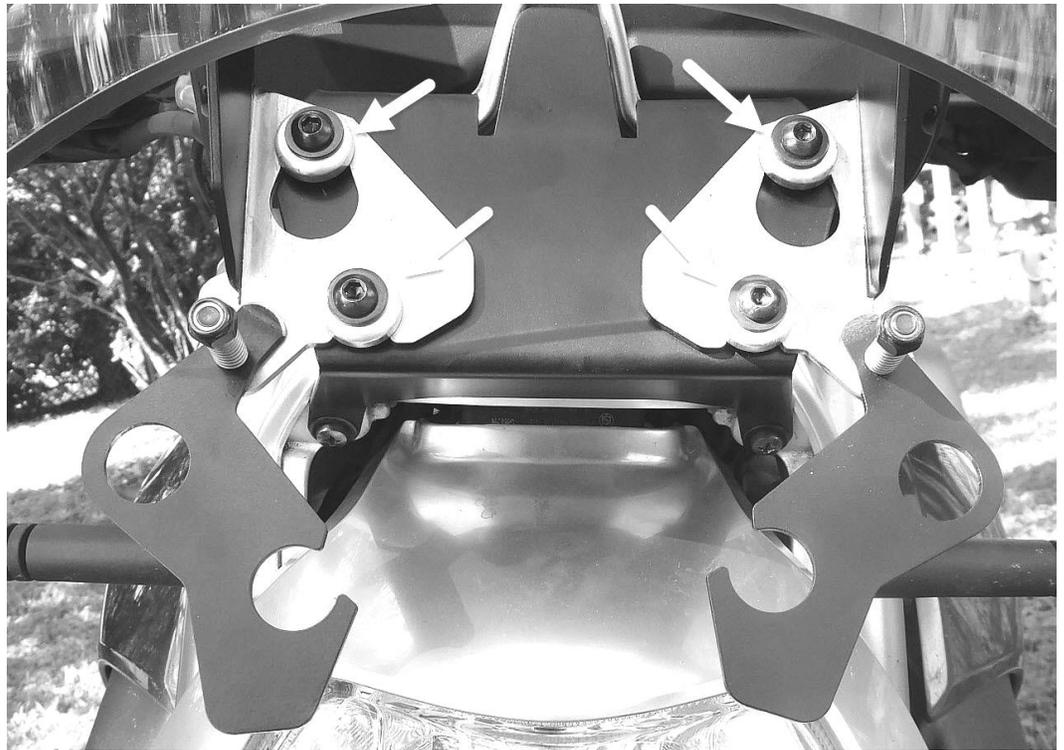
**STEP 2:** Remove the black plastic cover plate which sits beneath the instrument panel (see photo at right).



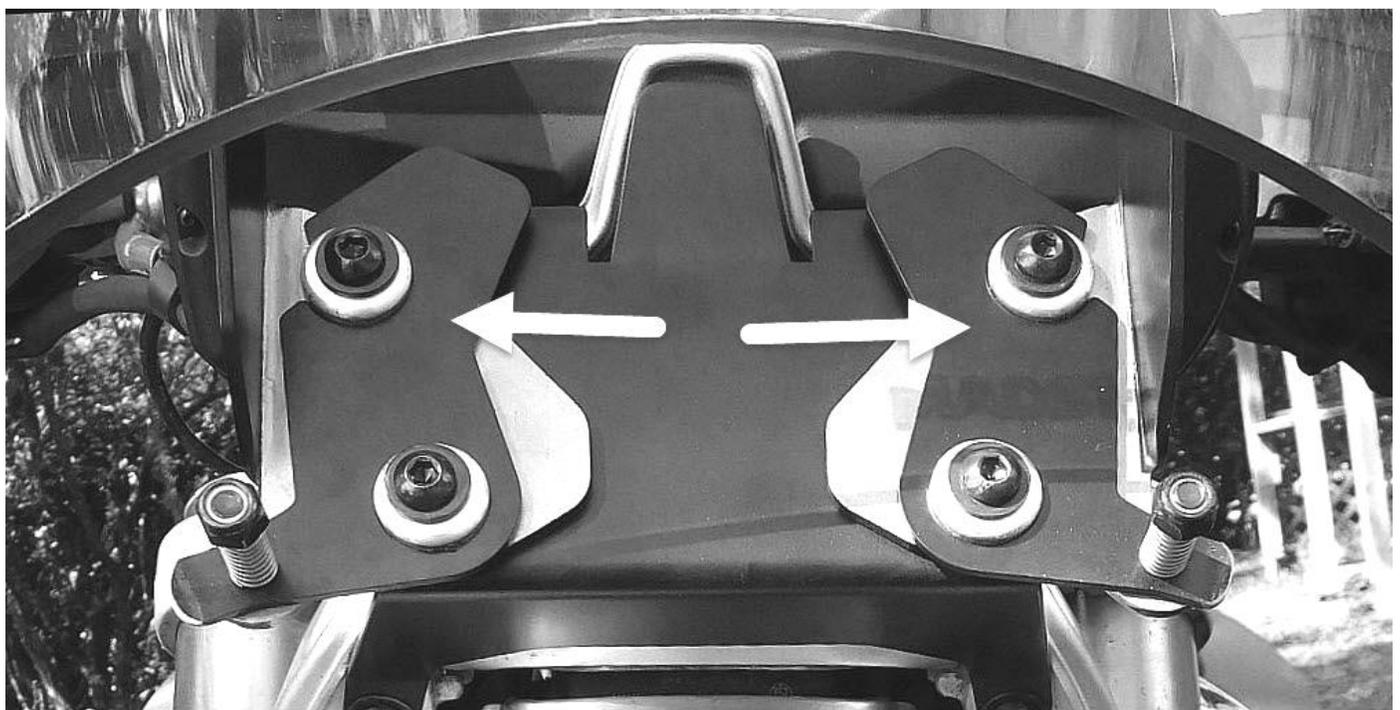
**STEP 3:** Install our base plate as shown below using the short M5 x 12 screws with metal flat washers. See arrows below for screw location. Holes have been provided in the middle of the base plate for screwdriver access to the upper mounting screws.



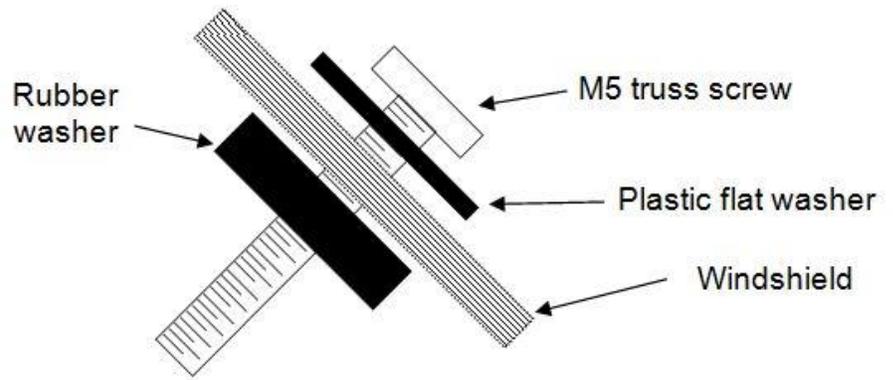
**STEP 4:** Install the quick-release brackets to the base plate as shown below. Each bracket has two holes which install by sliding down onto the raised mounting spools on the base plate. Rotate the black locking keys down and out of the way so that you can slide the brackets onto each side as shown at right.



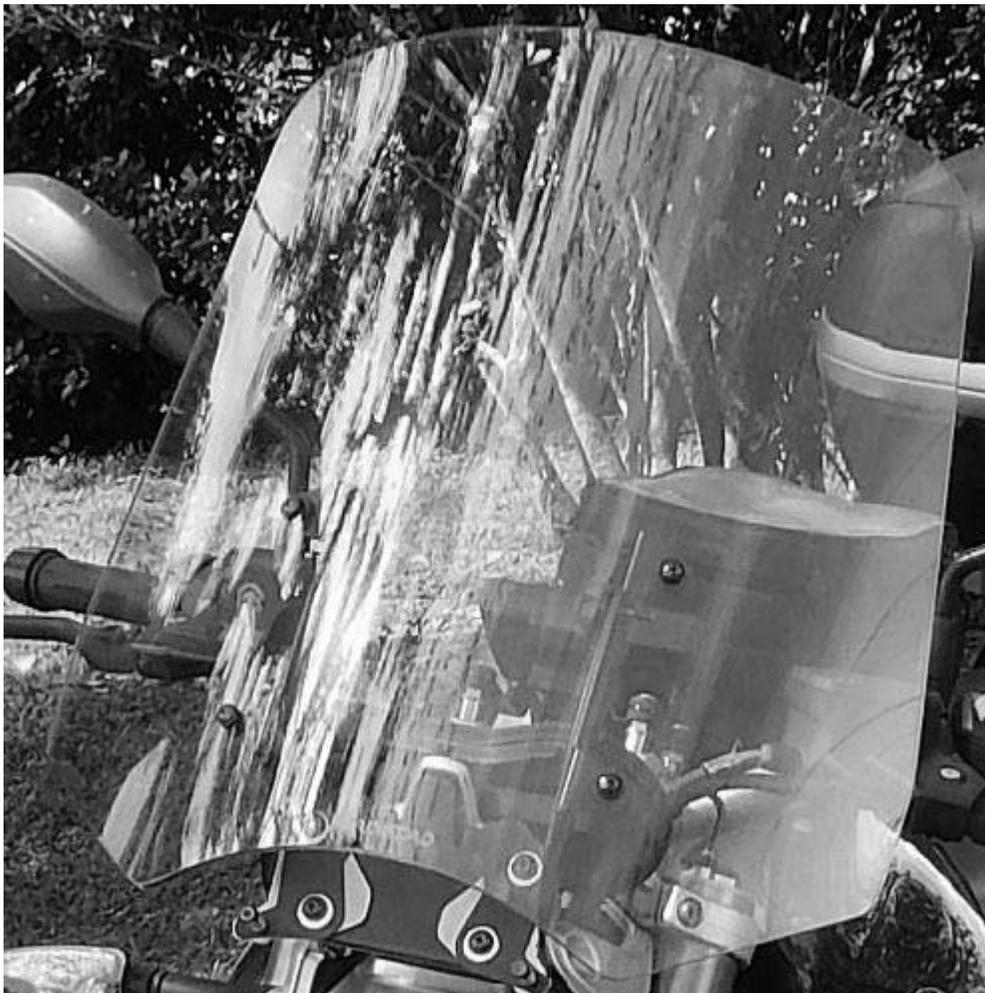
Once the brackets are slid on you can lock them in place by rotating each locking key upward, then snapping them onto the spools. Make sure each key is completely snapped down onto both spools on each side (see below). Removal is the reverse of this procedure, and you can remove with both brackets attached to the windshield.



**STEP 5:** Once the brackets are attached and secure, the windshield attaches to the brackets with the Phillips-head truss screws, plastic flat washers and rubber washers as shown below. Insert all four truss screws and washers into the four windshield holes before attempting to attach the windshield onto the RoboBrackets. We recommend that you first install the upper and lower screws on one side, then install the upper and lower screws on the other side. The rubber well nuts are flexible and shield holes are oversized so you can nudge the shield around to align the screws with the holes properly.



**DO NOT OVERTIGHTEN THE TRUSS SCREWS!** Tighten only until the well nuts begin to swell up and the shield is snug against the brackets. Overtightening can damage the rubber well nuts.



## Adjusting the Knob Brackets

The knob screws release the brackets allowing the windshield to slide and tilt. These knob screws 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. Also, make sure that you do not set the windshield in such a way that causes your handlebars or hand guards (if installed) to hit the windshield when turning, or before reaching full lock.

To make adjustments, loosen the knobs 1-2 turns and 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. (Use the angle guide on the back page of this manual as a guide.) Tighten the knobs and go for a ride to see if you now have smooth airflow over and around your helmet. 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 mount 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 2-3 degrees or so, and/or adjust it up or down if necessary. Re-tighten the knobs and go for another ride.

Continue experimenting with different positions at different speeds until you find a combination of height and rake angle that eliminates buffeting and gives a smoother ride. You may have more than one favorite position, for example shield tilted forward on cooler days, and shield tilted back for hot days to let more air to your body.

Most windshields work best when set at a 55-60 degree angle. We have provided an angle guide **on the back page of this manual** so that you can check and see if your shield is set somewhere in this range. Make sure your bike is on level ground and hold it upright (not on side stand). Set the spine (folded edge) of the manual against the front of the shield. If the large arrow marked 60° is pointing straight up, then your shield is at a 60 degree angle.

## **PIVOT SCREWS**

The MadStad mount has a pivot screw on each set of brackets, located near the center of the bottom bracket. A nylon lock nut keeps the screw snugly in place, yet allows the brackets to slide back and forth. It is adjusted at the factory to have a minimum of play yet still allow the brackets to move.

### **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**

If you are not satisfied with your new windshield system you have 30 days to return it. Full details are available on our web site at [www.madstad.com](http://www.madstad.com). If purchased from a dealer then please contact the dealer for their return policy.

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.

# MadStad Engineering, Inc.

1451 East Jefferson St.

Phone: 352-848-3646

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

Email: [support@madstad.com](mailto:support@madstad.com)

*Thank you for your support, and ride safely!*

