



Adjustable Windshield System

Honda Africa Twin Adventure Sport

Please read this entire manual before proceeding with installation.

What is in the box:

- (1) MadStad Brackets Kit
- (4) M6 x 25 button screws
- (4) M6 metal flat washers
- (4) 1/4" split lock washers
- (4) 1/2" plastic spacers

- (4) M5 x 25 Philips screws
- (4) M5 black plastic washers
- (4) 4 rubber washers



Tools Needed:

- 5 mm Allen wrench (hex key)
- 4 mm Allen wrench (hex key)
- #2 Phillips screwdriver

Factory Windshield Removal

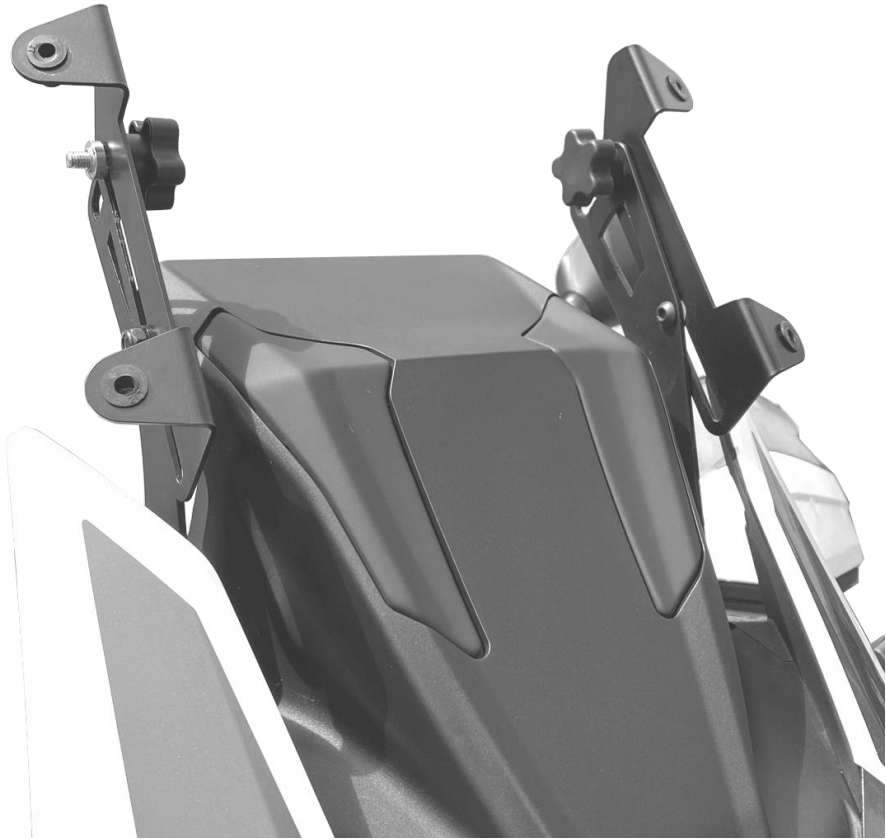
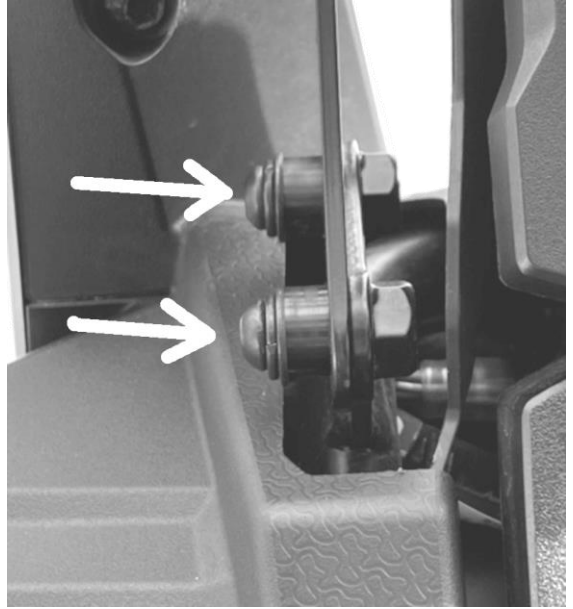
Your factory windshield will not be used with the MadStad system, you can remove it from the factory plastic bracket and then remove the factory brackets altogether. They are mounted with two screws on each side of the instrument panel as indicated by the arrows in the photo below. Remove the screws on both sides then remove the plastic factory brackets.



MadStad Bracket Installation:

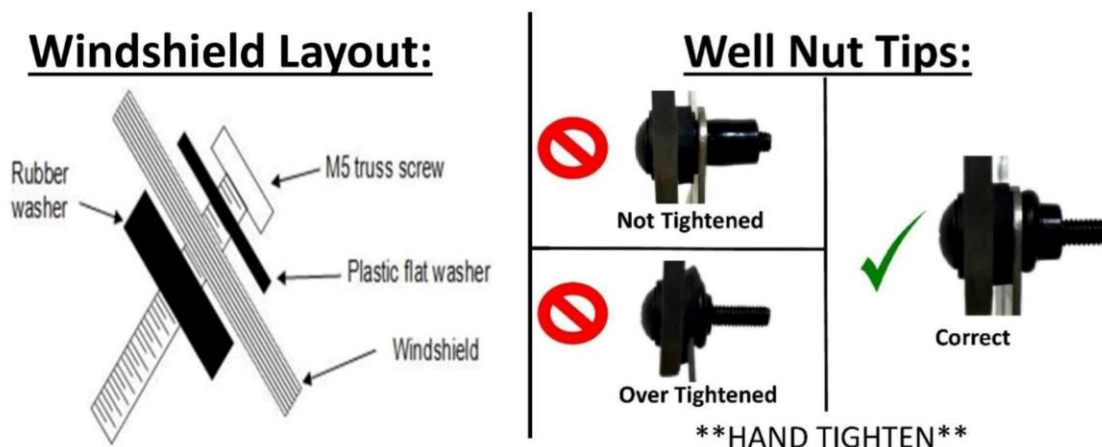
Once you have removed the factory sliding windshield brackets you will see the small metal plates that they were attached to. The MadStad brackets attach up against these plates with plastic spacers, a flat washer, a split lock washer and the screw heads on the outside. The photos on the next page show close-ups of this. The reason for the plastic spacers is for the factory side deflectors which were originally attached to the factory brackets.

The brackets face forward with the black adjustment knobs to the inside. See the next page for a photo.



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 MadStad 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!

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.

Notes on Windshield Angle

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.

To check your shield angle, your bike should be in an upright position either on a center stand or held up by a helper. 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. (See diagram on Page 5.) A little farther back and your angle would be somewhere between 55 and 60 degrees. Anywhere in this range is fine for your initial test ride. On some bikes a more vertical angle works better, so don't be afraid to experiment later if tilting the shield back doesn't seem to be ideal.

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.

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Thank you for your support, and ride safely!

