



Adjustable Windshield System

Suzuki GS500F (2004-up)

Please read this entire manual before proceeding with installation.

What is in the box:

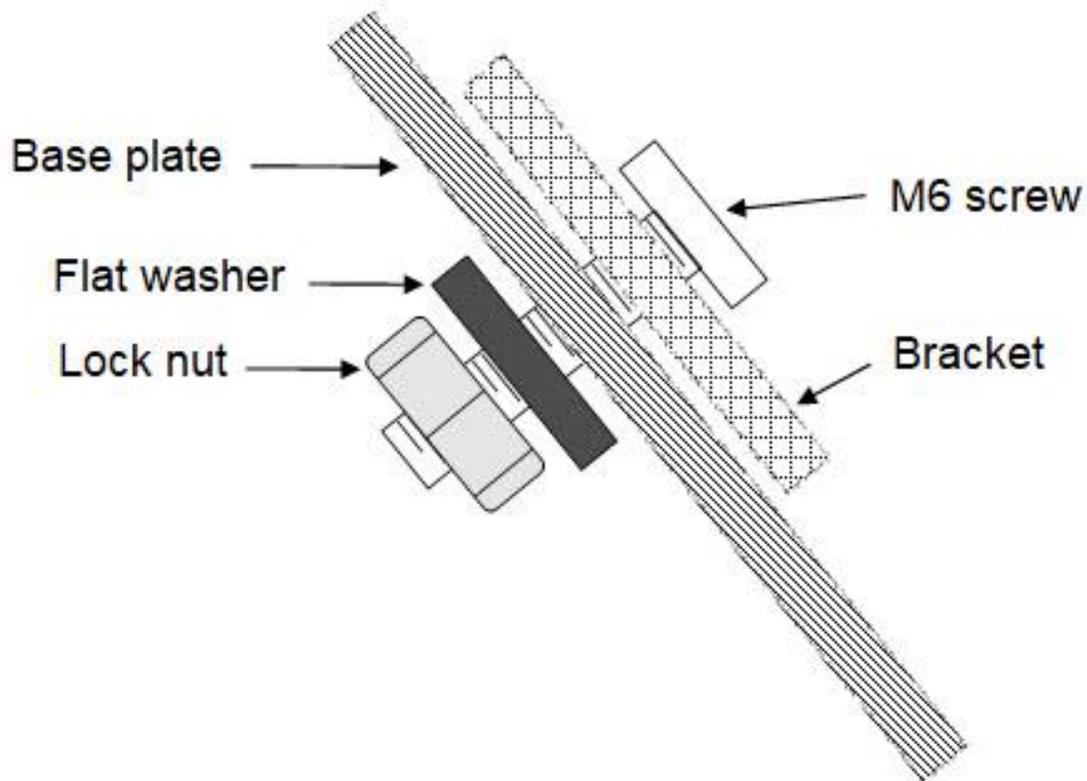
- (1) Set of adjustable windshield brackets
- (1) Black mounting plate (with 2 rubber well nuts installed)
- (4) M6 x 16 button head screws
- (4) M6 flat washers
- (4) M6 lock nuts
- (4) M5 T-Screws
- (8) 1/8" thick rubber washers
(for T-screws)



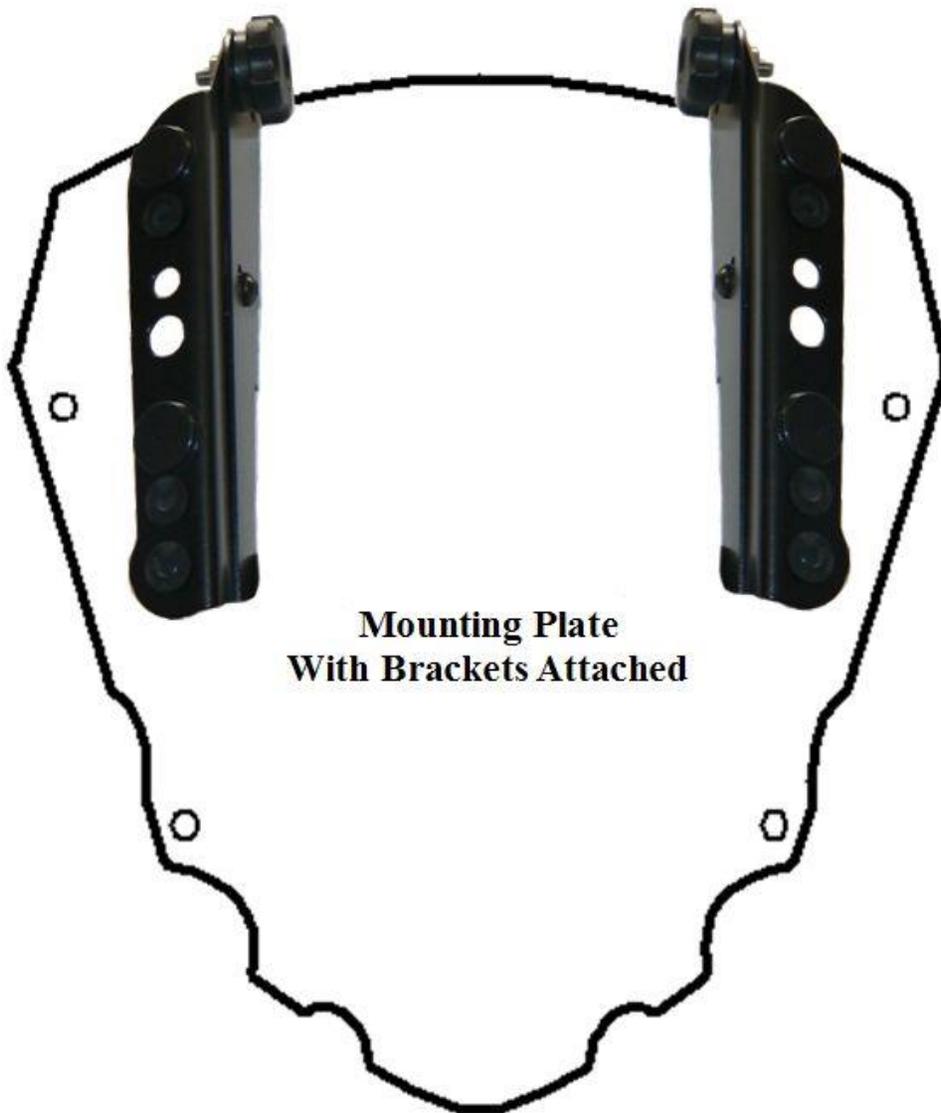
MadStad adjustable brackets system consists of a base plate, the brackets and a windshield. The brackets mount to the base plate, the plate mounts into your fairing where the stock shield used to be, and the windshield then attaches to the brackets.

Step 1: Remove your factory windshield; it is not adaptable for use with these brackets. Save the screws and plastic washers, you will re-use those to mount the MadStad base plate.

Step 2: Attach the MadStad brackets to the base plate as shown on page 3. Use the four M6 x 12 screws with washers and lock nuts as shown in the diagram below. You will need a 4mm Allen wrench and a 10mm crescent or box-end wrench.



The knobs on the brackets go to the insides (facing each other) with the knob sides up. When both brackets are installed it should look very much like the diagram below (your base/mounting plate will look slightly different).



Step 3: Install It Into the Fairing

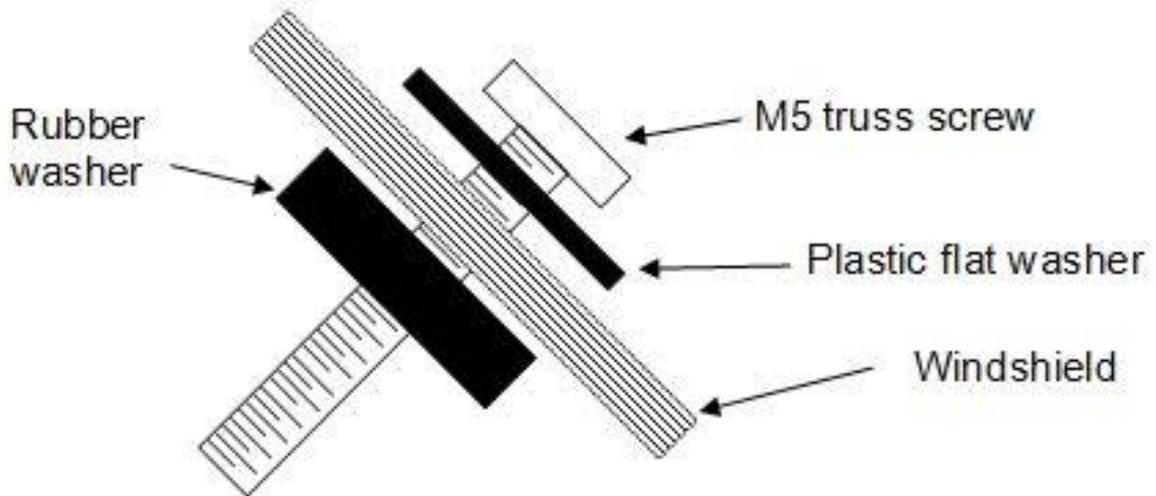
The base plate then slides into the fairing in place of the stock shield. Our aluminum base plate is not flexible like the factory plastic windshield so you have to maneuver it into place, and it will not be an exact perfect fit but will be close. Screw it in with the factory screws.



Step 4: Windshield Installation

Once bracket installation is complete, the windshield attaches to the brackets with four Phillips truss screws, plastic flat washers and rubber washers as shown below. You can prep the shield first by inserting each screw and washers into each windshield hole from the front, and pushing the rubber washer on from the back to hold the screw in place.

Once all four screws are on the shield, set it against the brackets and run the screws into the rubber well nuts. 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. Get two of the screws started on one side of the bike to keep them from coming out, then move over to the other two. When all four are in then tighten them all snugly but **DO NOT OVERTIGHTEN!** Too much torque and you could damage the well nuts.



Adjusting the MadStad Brackets

The knob screws release the brackets allowing the windshield to slide and tilt. These 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! It may take a few tries and adjustments but once you find your most comfortable setting, you are done!

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 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. 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 warrantied for 1 year against manufacturing defects, not against cosmetic issues or issues related to normal wear and tear.

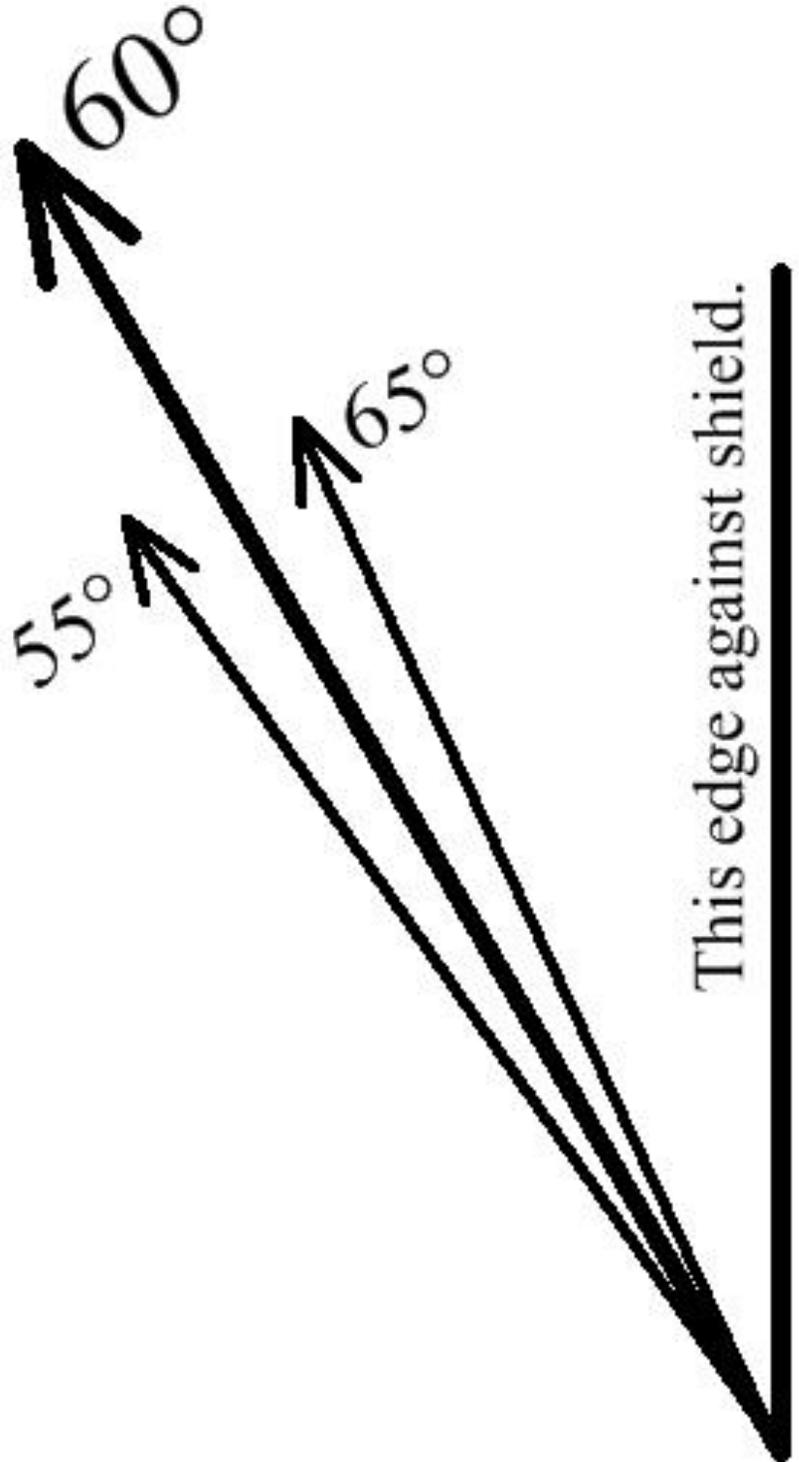
MadStad Engineering, Inc.

1451 East Jefferson St., Brooksville, FL 34601 USA

Phone: 352-848-3646

Email: support@madstad.com

Thank you for your support, and ride safely!



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