



## Adjustable Windshield System

### Suzuki DR650 Fork Mount

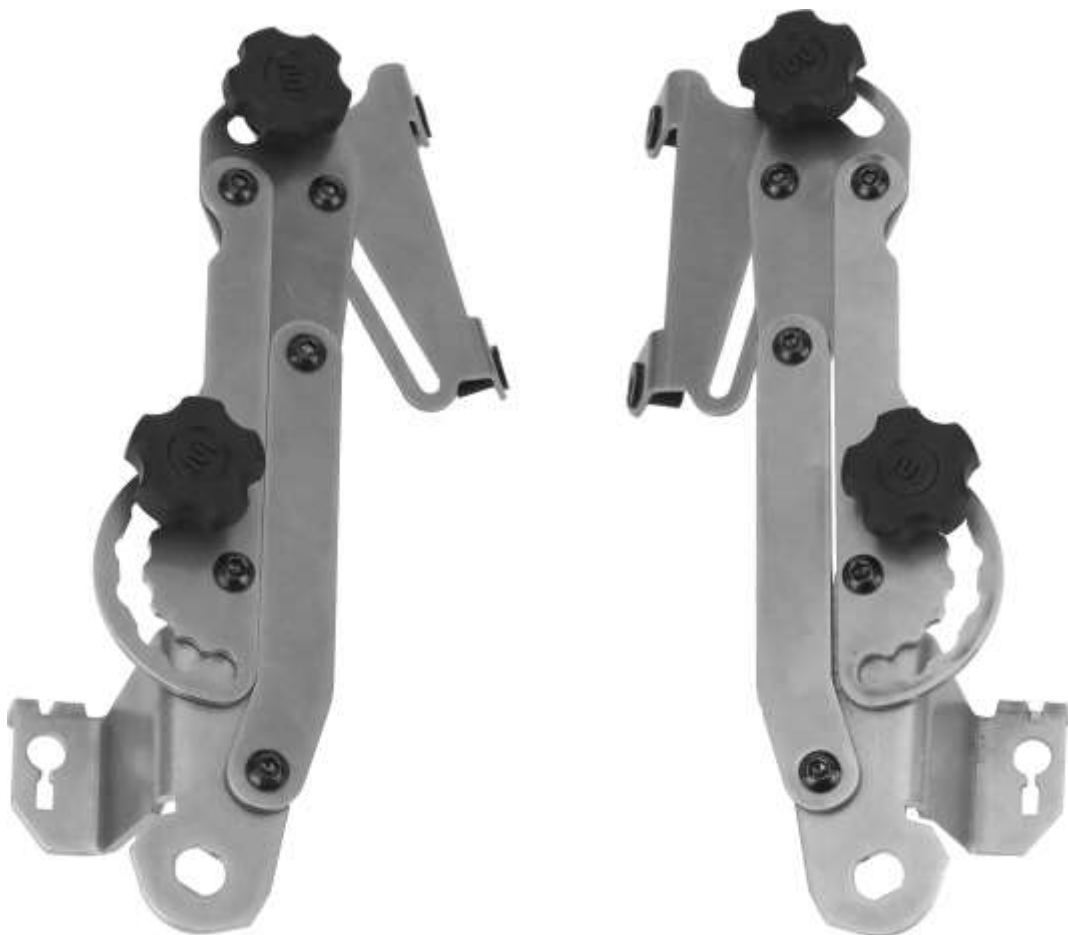
*Please read this entire manual before proceeding with installation.*

What is in the box:

- (1) Set of preassembled MadStad adjustable windshield brackets

For windshield attachment:

- (4) M5 x 25 T-screws
- (4) 3/8L washers
- (4) soft rubber washers



This MadStad windshield system consists of two assembled pivoting brackets which attach to the upper fork clamps. The factory turn signal stems are in the way, so remove those first. They will be relocated onto the bottom holes in the MadStad brackets.

To install a MadStad bracket, remove the upper fork pinch bolt on one side and attach over the factory tab as shown below. **DO NOT** loosen the fork bolts on both sides; install one side first, then the other.



Make sure that the bent tab with the slot in it gets pressed down onto the rectangular post that is part of the upper clamp casting. Tighten the pinch bolt then install the bracket on the other side. Once both sides are installed and tightened, replace the turn signals onto the bottom holes in our brackets.

Before installing the windshield you must put both brackets in the same position. There are two set of knobs, the Pivot Adjust Knob (closest to the forks) which lets you change the overall position of the system. You can set the shield up high over the headlight for highway wind protection, or down low in front of the headlight so it is out of your way for off-road riding, or somewhere in between.



You will need to loosen each of the pivot knobs several turns to unlock the brackets and when you tighten them back up make sure that the tapered inner shoulder of the knob seats itself into one of the seven holes on the pivot bracket. We recommend you start out with both brackets pivoted fully up and back for windshield installation.

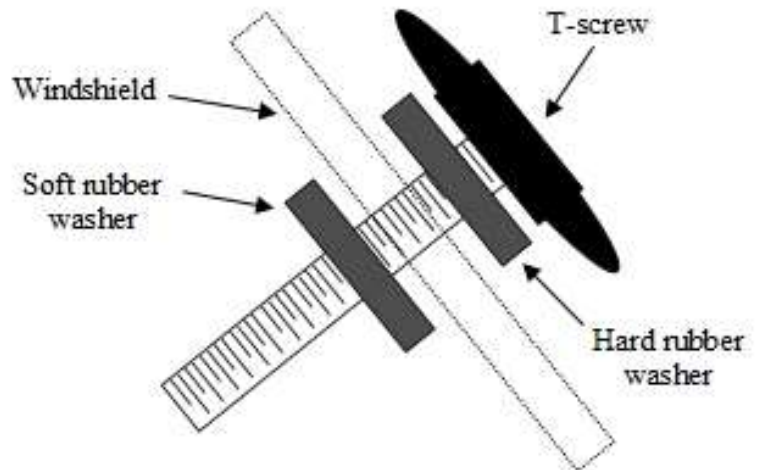
Also make sure the windshield adjustment mechanism (upper knobs) is the same on both sides, otherwise the windshield won't line up to the brackets. Loosening the knobs just one turn will free up the height adjustment. To change the windshield angle, loosen about 3-4 turns.

Once both brackets are in the same position then the windshield can be installed.

## Windshield Installation

The windshield attaches to the brackets with four T-head screws and rubber washers as shown below. Prep the shield first by inserting each screw and washers into each windshield hole from the front, then 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 Brackets

The Pivot Adjust Knob shifts the entire windshield system up and back for highway riding, or down and forward for off-road. There are seven stops on the curved track, simply loosen the knobs 2-3 turns, pivot the brackets to one of the stops and tighten. For highway riding you will likely want the brackets pivoted fully up and back.

The Windshield Adjustment Knob works the same way except that it gives you control over both angle and height. 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 1-4 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 about the middle of the bracket range, tighten the knobs and go for a ride to test. Do this on a calm day if at all possible.

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. Experiment with different positions until you find a combination of height and angle that gives you the smoothest ride.

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

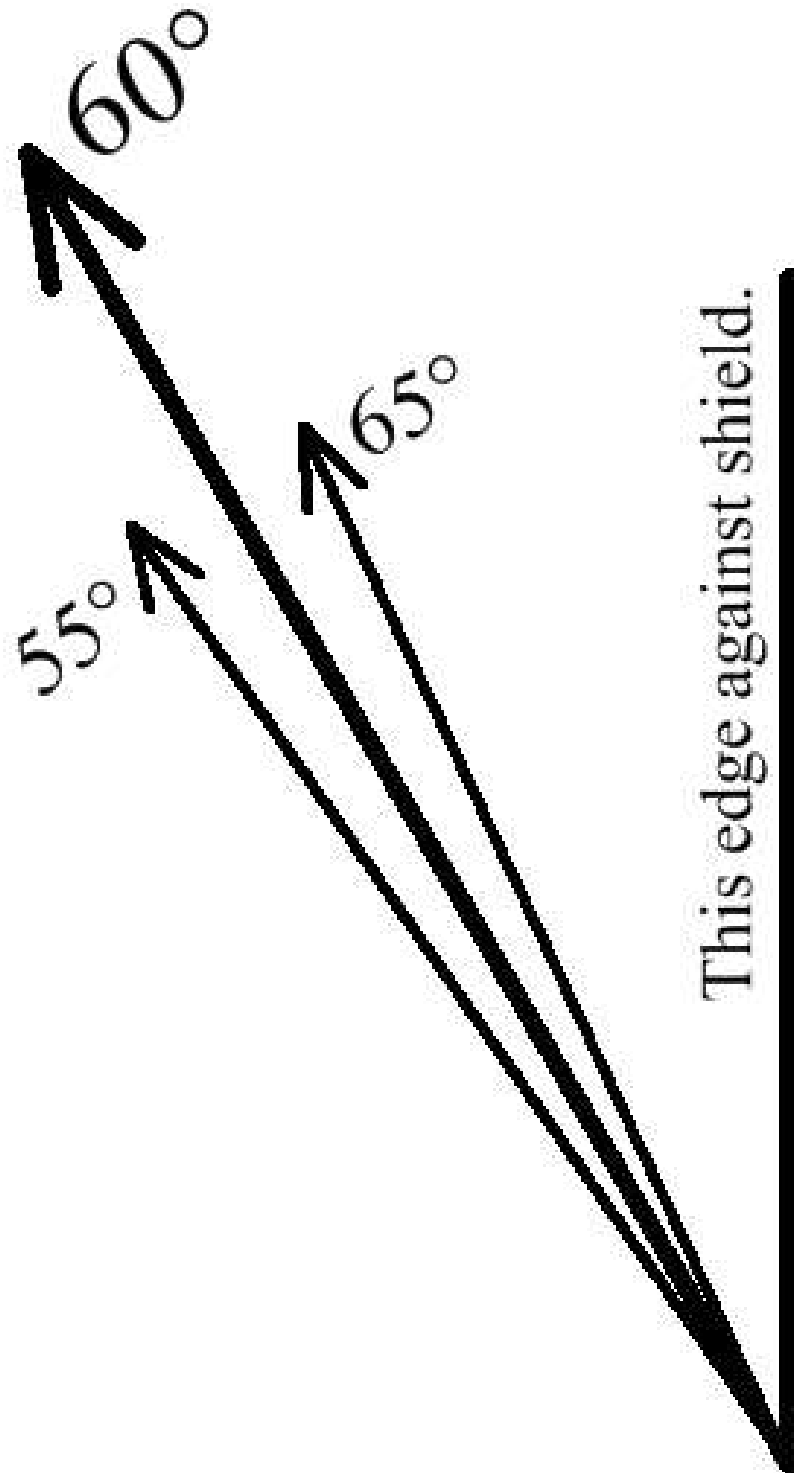
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*Thank you for your support, and ride safely!*



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