

MADSTAD

ENGINEERING

Adjustable Windshield

Suzuki SV650 (2017+)

Please read this entire manual before proceeding with installation.

SPOOL TOPS ARE NOW BLACK

What's In The Box:

- (2) Adjustable windshield brackets
- (2) Fork-mount brackets
- (1) 7/8" Cross Bar (260mm)

Hardware:

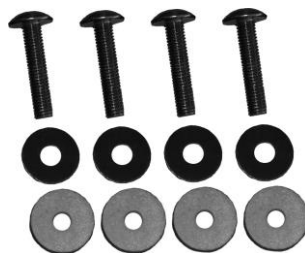
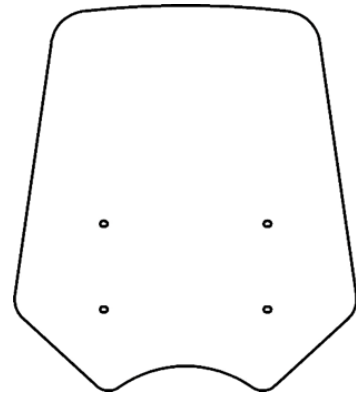
- (2) M8 x 45 socket head cap screws
- (2) M8 metal flat washers
- (2) Aluminum Spacers .5 x .3 x .185

Crossbar:

- (2) M6 x 12 button screws
- (2) M6 metal flat washers

Windshield Installation:

- (4) M5 x 20 Phillips truss screws
- (4) M5 black plastic flat washers
- (4) M5 soft rubber washers



Fork Mount Brackets

DO NOT loosen both fork clamp bolts at the same time. The fork tube could slip out of position.
ONE SIDE AT A TIME!

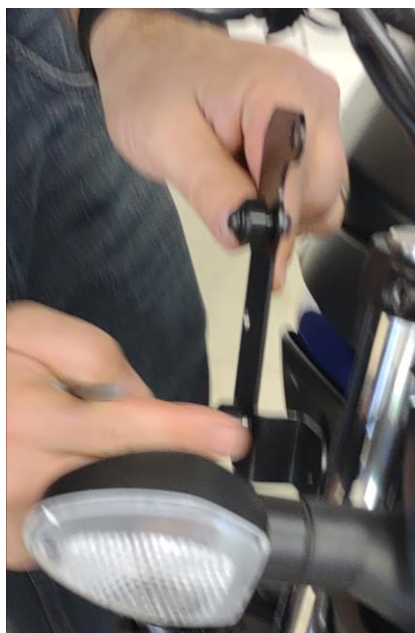
Step 1: Loosen Top Fork Clamp Pinch Bolt and Headlight Plastic Bolt:

- a. Use a 6mm allen wrench to remove the fork clamp pinch bolt.
- b. Use a 4mm allen wrench to remove the factory shoulder screw on the side of the plastic headlight cowling. *Keep this factory bolt for reuse.* (Don't need to remove cowling, just the bolt.)



Step 2: Attach Fork-mount bracket:

- a. Use the fork mount bracket that has the tab facing towards the headlight. You'll have to slide the tab of the bracket, behind the factory plastic headlight cowling. To attach, run the M8x45 button cap screw through the M8 metal washer, through the bracket, **through the spacer** and then into the fork clamp. *Loosely tighten.*
- b. Align bracket tab **behind** cowling and use the factory shoulder screw to attach to the bike. Hand Tighten.
- c. Tighten pinch bolt to correct factory torque specs. **Repeat other side!**



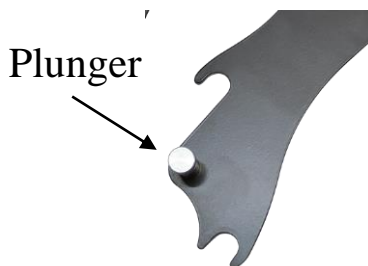
Tip: Feel free to loosen or tighten the tension on your spools for a smoother quick release.

The quick-release windshield brackets will snap onto the black spools on these brackets, and you will do that first before attaching the shield to the brackets.

Using the Quick-Release System

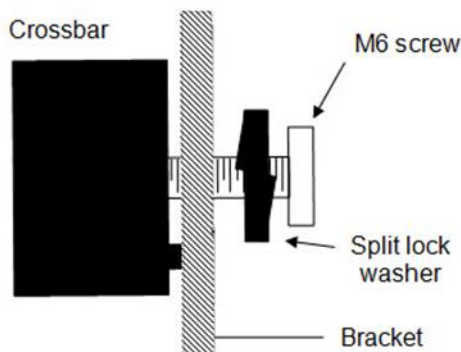
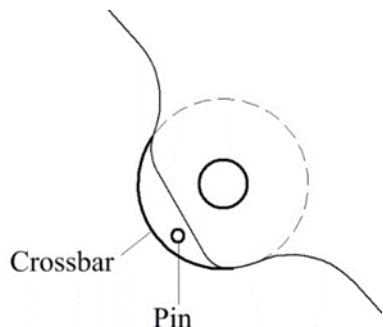
a. The adjustable shield brackets have U-shaped slots that slide onto the black spools on these brackets. To get them to fully lock in, pull the aluminum plunger on the top bracket outwards towards you, allowing the bracket to sit all the way down and lock in. Do a quick tug to make sure the plunger locked back down correctly. To release the brackets, simply pull the plunger out and slide the bracket off.

b. Repeat on opposite side.



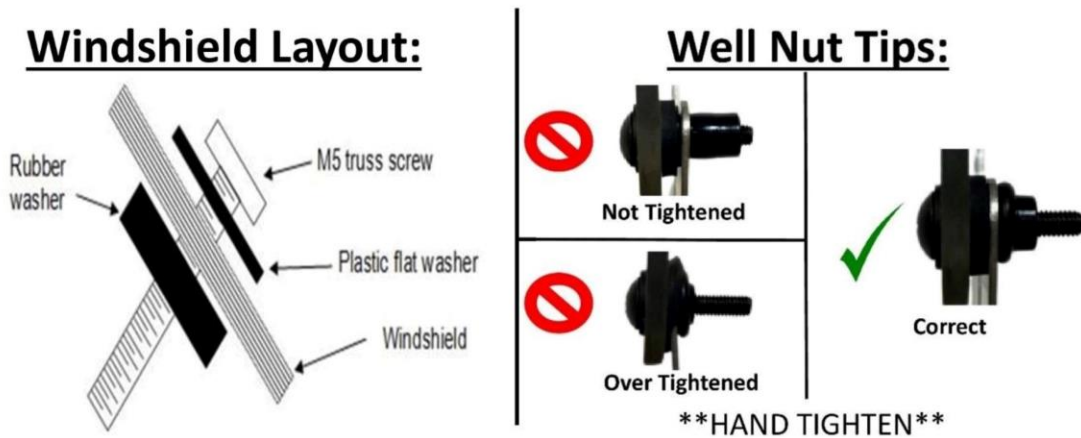
Attach The Crossbar:

Position the Crossbar between the brackets. The small extending pin on one side fits into the slot near the top of the bracket, this prevents the crossbar from spinning. Secure the Crossbar using both M6 x 16 mm screws with M6 metal washers as shown in the below diagram. Tighten securely.



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.



Once the windshield is attached to the Adjustable fork-mount brackets the system is now capable of being removed and reattached using the quick-release feature.



Adjusting the Windshield Brackets

The knob screws release the brackets allowing the windshield to slide and tilt. These knob screws must always be tightened securely before riding.

The basic starting position of the windshield should be to angle it about the same angle as your forks (maybe back slightly more), and set the top edge of the shield to be at about your chin level as you look straight ahead. Tighten the knobs and go for a ride to see if the air flows smoothly over 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.

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.

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Thank you for your support, and ride safely!

