



Quick-Release Adjustable Windshield System

Harley-Davidson Street 500 / 750

Please read this entire manual before proceeding with installation.

What is in the box:

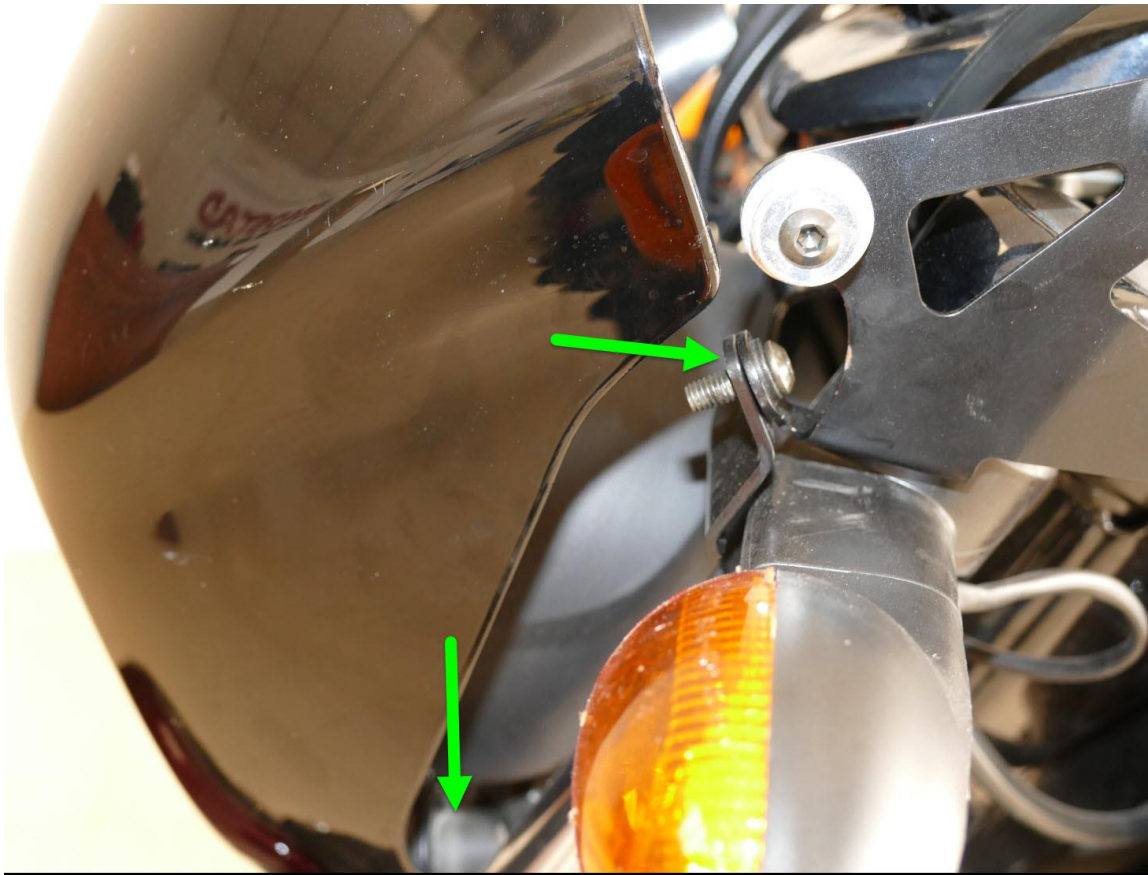
- (1) Set of preassembled adjustable brackets
- (1) Pair of preassembled mounting brackets
- (2) M10 x 40 bolts
- (2) M10 aluminum spacers
- (2) M6 x 16 mm mounting screws
- (2) M6 flat washers

- (1) Aluminum crossbar
- (2) M6 x 12 mm mounting screws
- (2) M6 split lock washers

- (4) M5 x 25 Phillips truss screws
- (4) M5 black plastic washers
- (4) 1/8" thick rubber washers

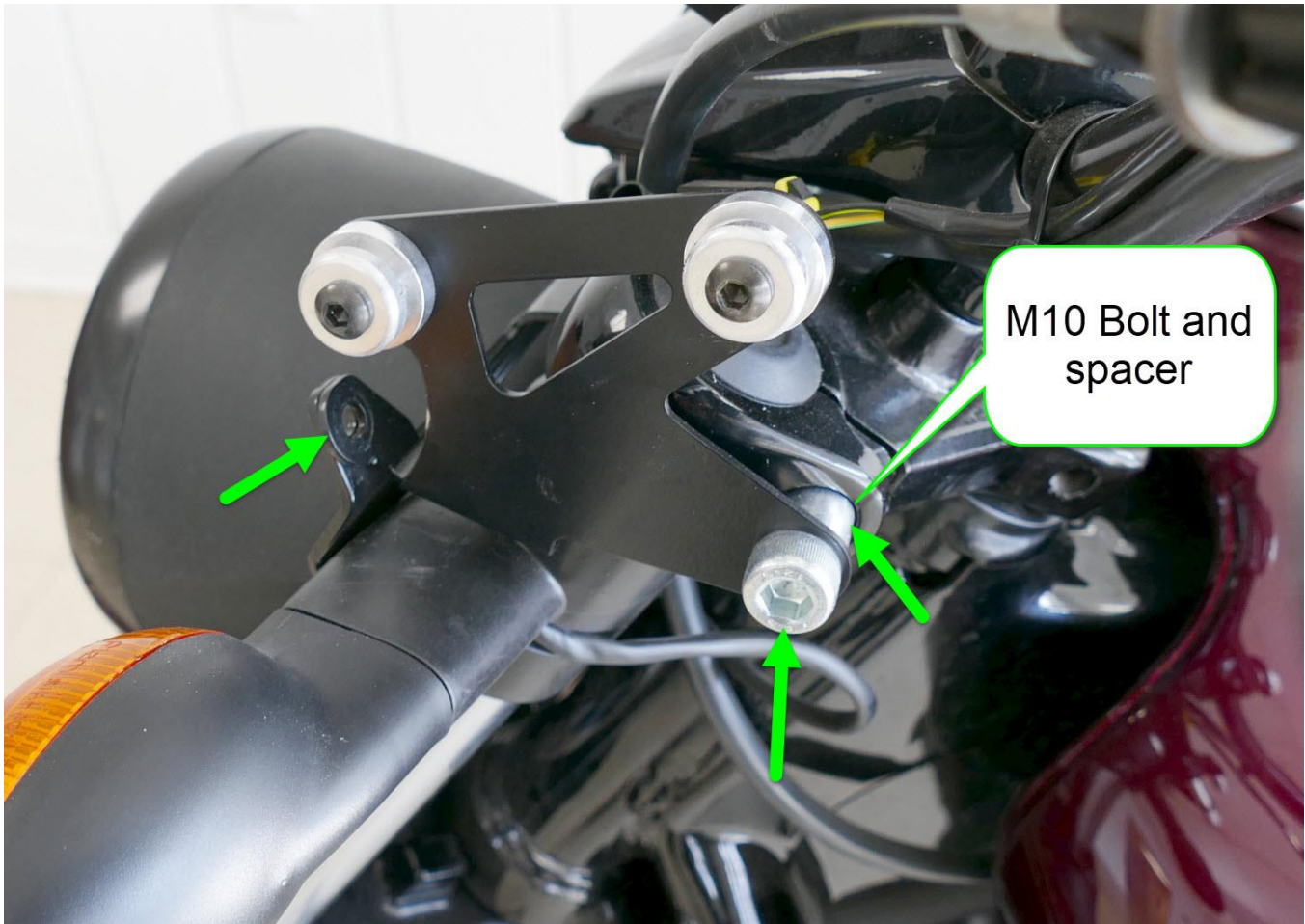
STEP 1: Remove the headlight cowl.

Two screws just inside the rear of the cowl hold it in place at the top. Remove these two screws. The bottom of the cowl has two posts which are pushed into rubber sockets. Simply pull the bottom of the cowl out with one hand on each side, just give a firm pull.



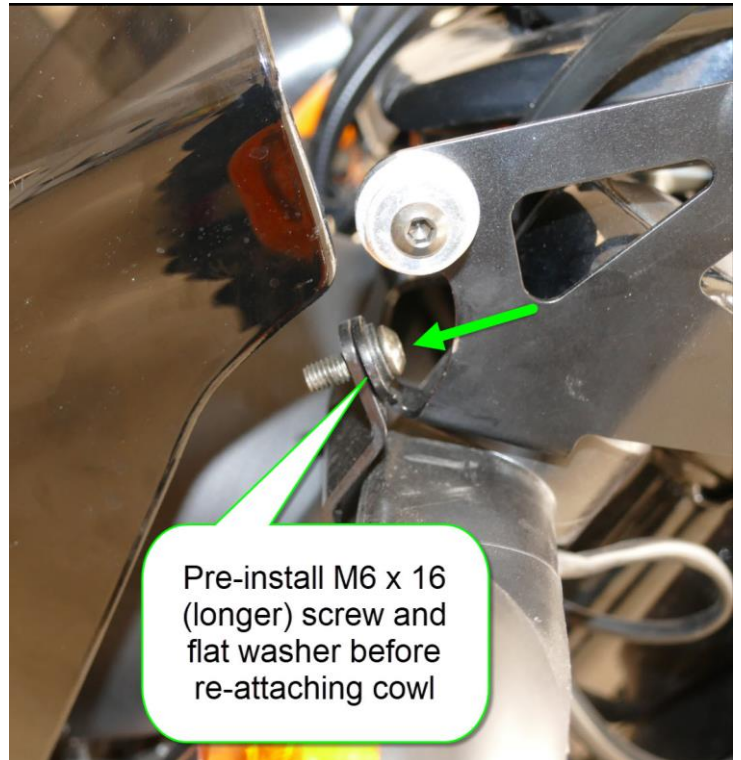
STEP 2: Attach the MadStad base brackets.

Remove the top fork clamp bolt and attach our bracket using the M10 bolt and aluminum spacer as shown on clutch side below. Repeat on other side.

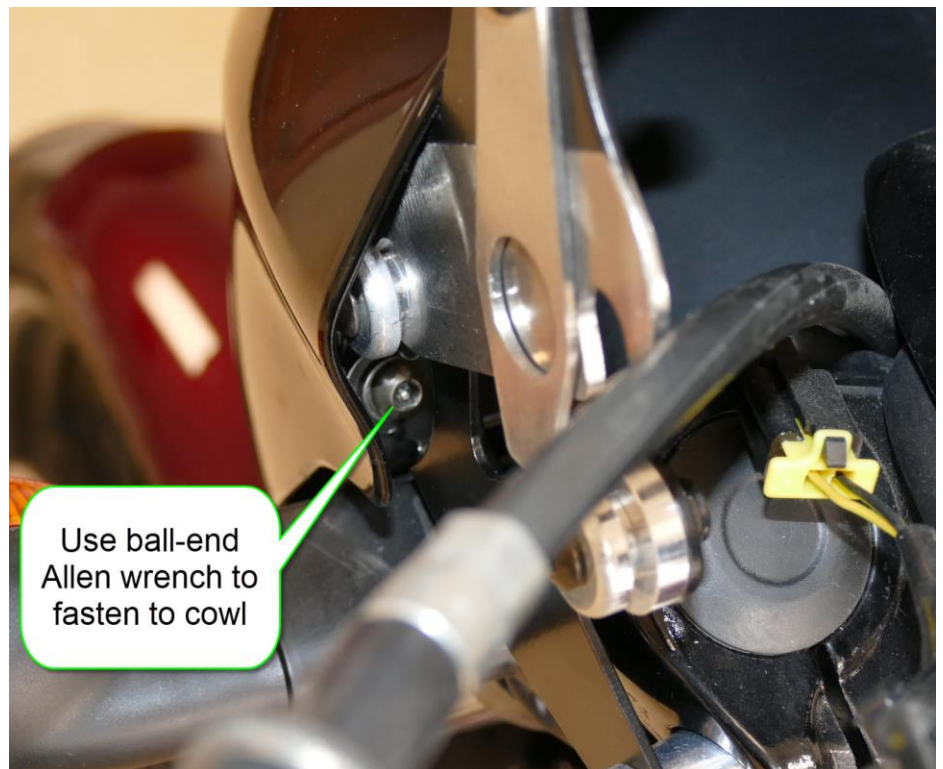


STEP 3: Re-install cowl.

Pre-install the M6 x 16 screws with flat washers through the front hole of our bracket and the factory bracket. It is easier to do this now rather than after you've snapped the cowl back on.



Once both screws are set as shown above, snap the cowl back on at the bottom and use the long-arm hex key wrench provided to fasten the inner screws back into the cowl to secure it.



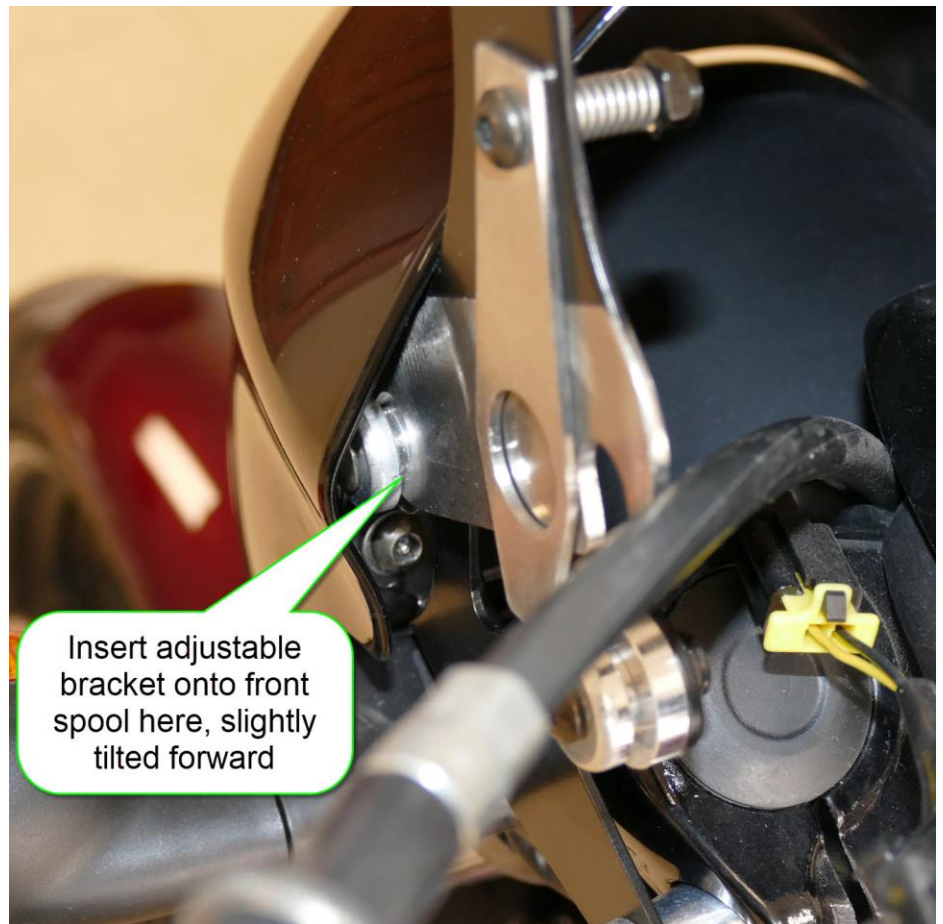
STEP 4: Adjustable Bracket Installation

Each of the two tall adjustable brackets snaps into the aluminum spools on the base brackets as shown below. Once the complete system is assembled you will be able to remove the shield and brackets together as one unit.

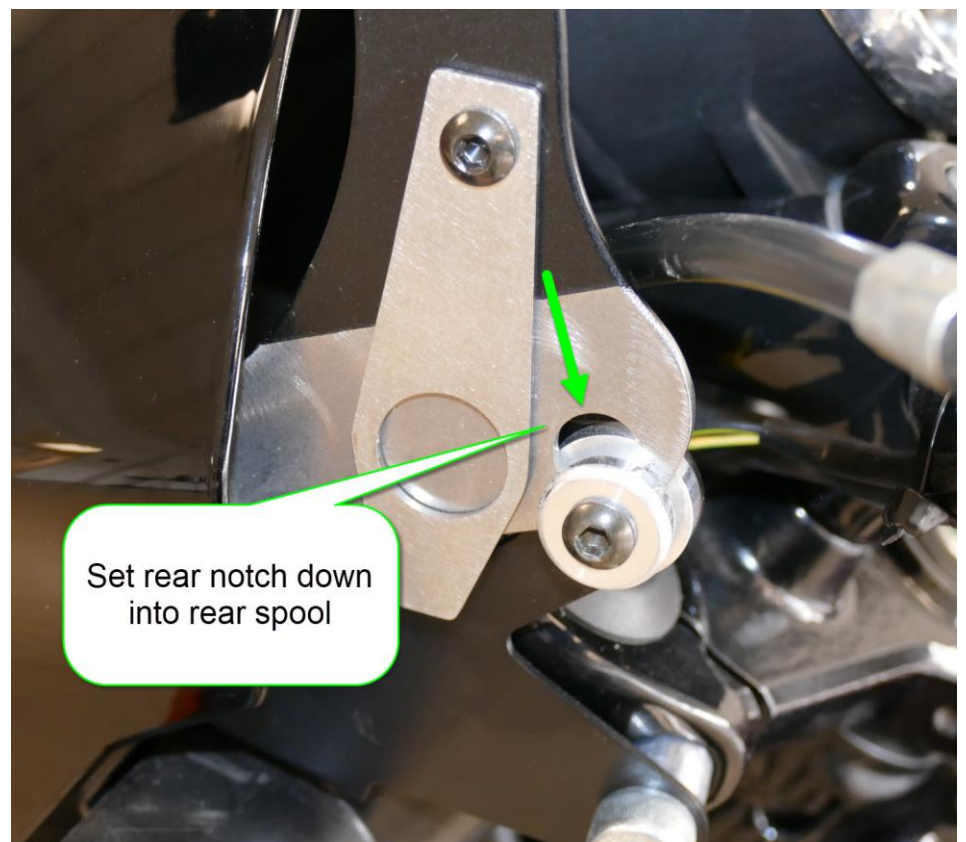
First, use the zip tie provided to gently gather and pull back the brake line and cables on the throttle side as shown below. You don't have to pull them in hard, just pull them out of the way of the base bracket.



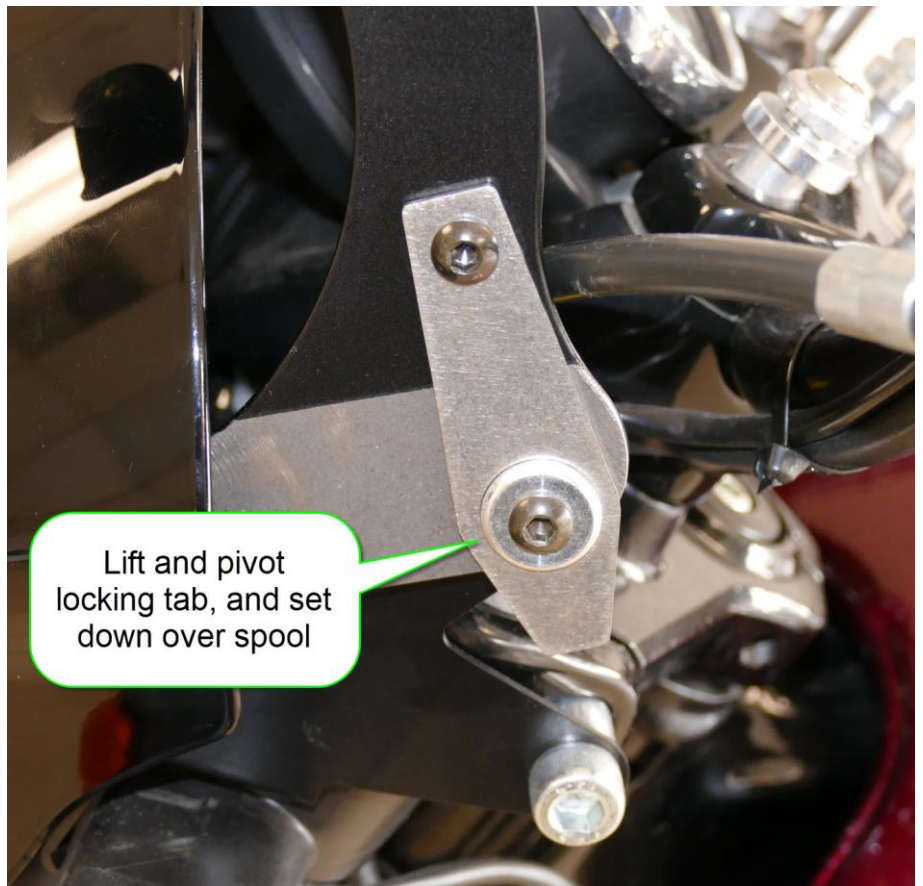
Set the front notch of the adjustable bracket into the front spool of our base brackets as shown here.



With the front notch slid all the way into the front spool, you will be able to push the rear notch down onto the rear spool. Make sure the pivoting locking tab is out of the way as shown here.

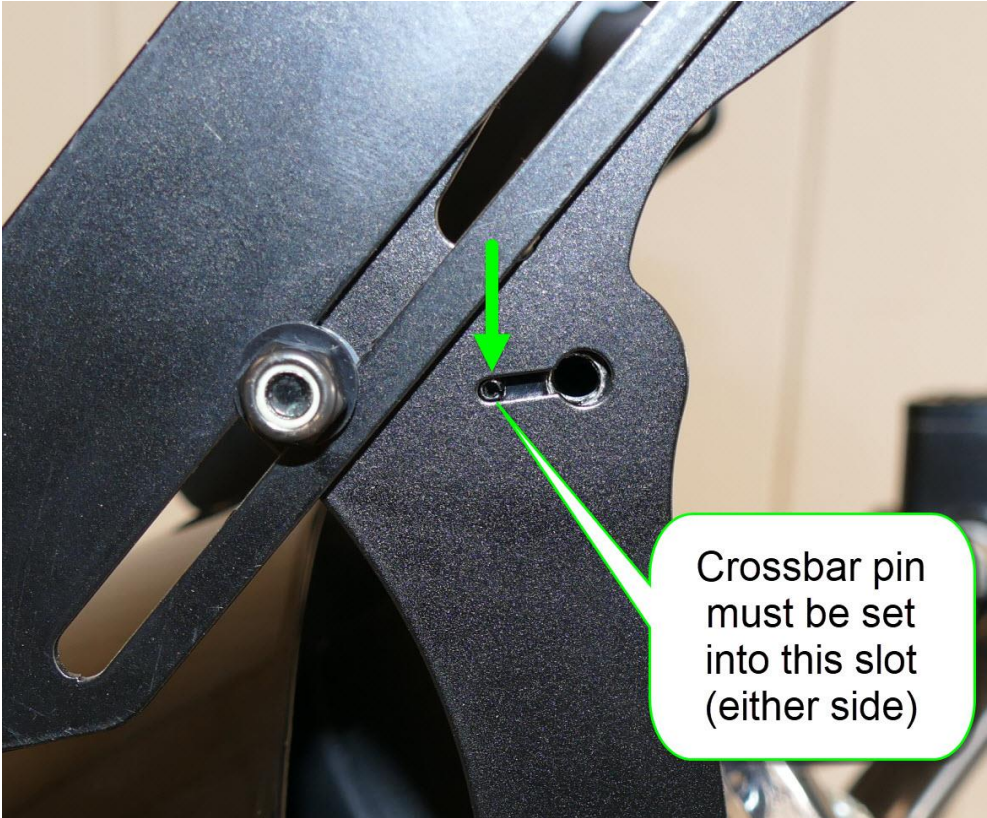


Lift up on the bottom of the locking tab and rotate it onto the rear spool. If it doesn't want to lift, push in a bit on the inside of the spring-loaded screw. Make sure the locking tab is fully seated over the spool. Repeat this on the other side.



STEP 5: Crossbar Installation

The crossbar goes in-between the two brackets to connect them together and make a rigid assembly. See photos on the next page on how to attach it, and be aware of the pin location as shown in the second photo. You will be able to use this crossbar as a grab handle to remove the brackets and shield together. You can also use this 7/8" diameter crossbar to attach accessories like a handlebar mount GPS bracket.



Crossbar pin must be set into this slot (either side)



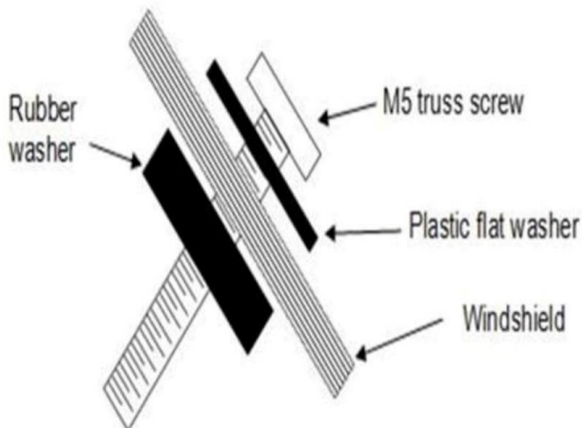
Set crossbar between brackets and fasten at each end with short M6 screws and split lock washers.

STEP 3:

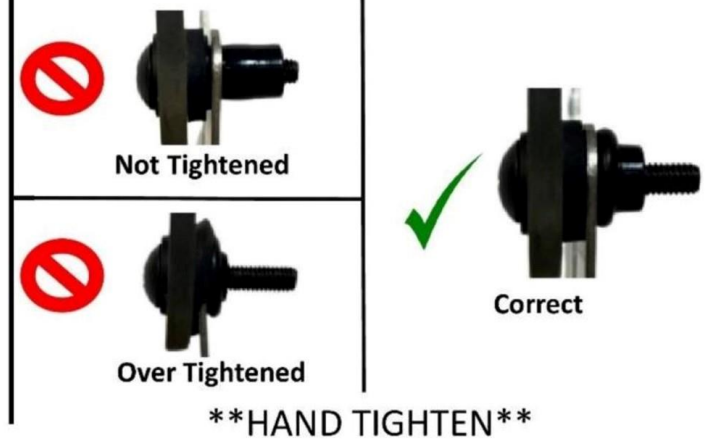
Windshield Installation

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.

Windshield Layout:



Well Nut Tips:



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!

Most windshields work best when set at a 55-60 degree angle. You may find better results angling the shield parallel to the base shield which is at 50 degrees. 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. Set the spine (edge of the last page) 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. This is a good starting point for the first test 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

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.

MadStad Engineering, Inc.

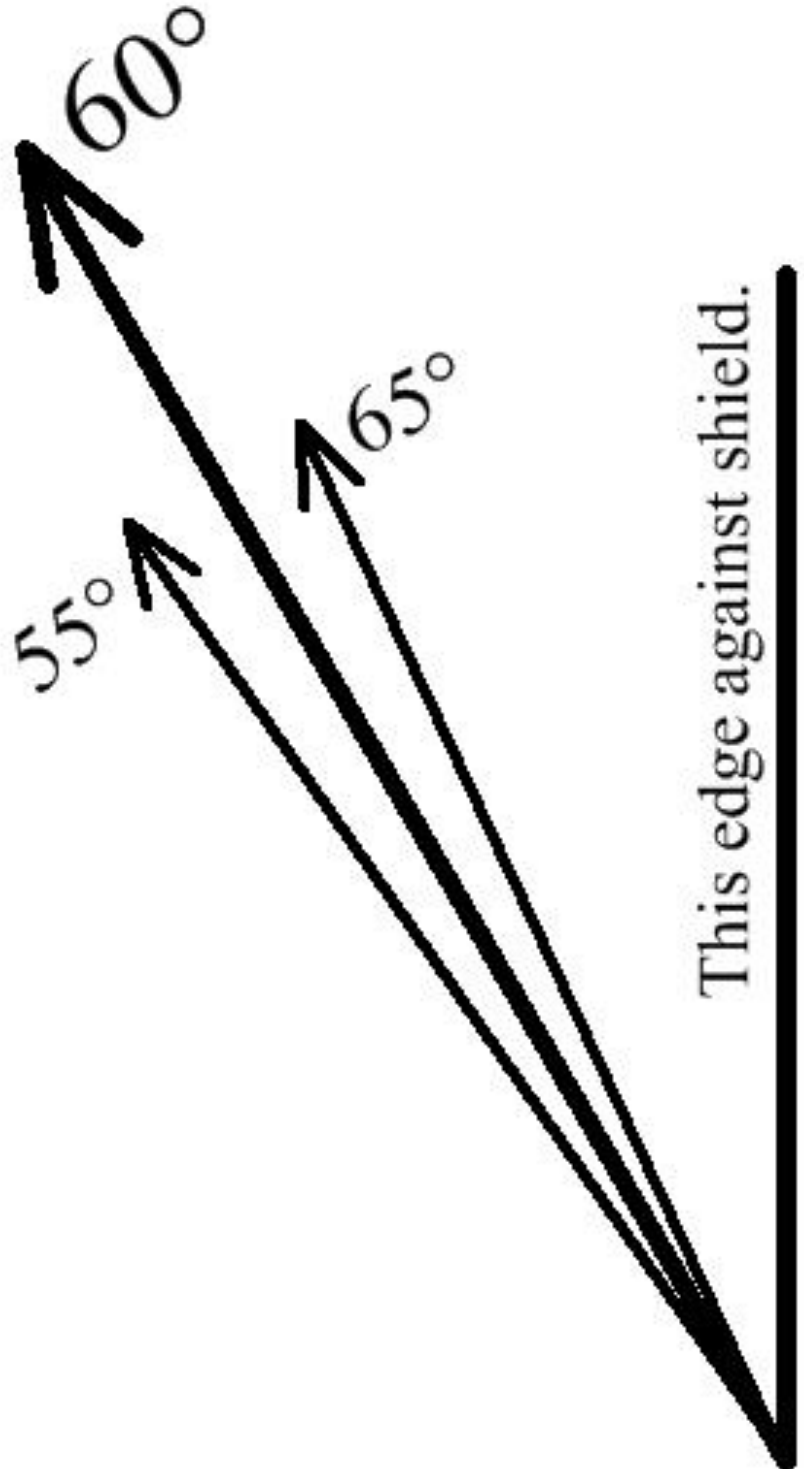
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Thank you for your support, and ride safely!



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