

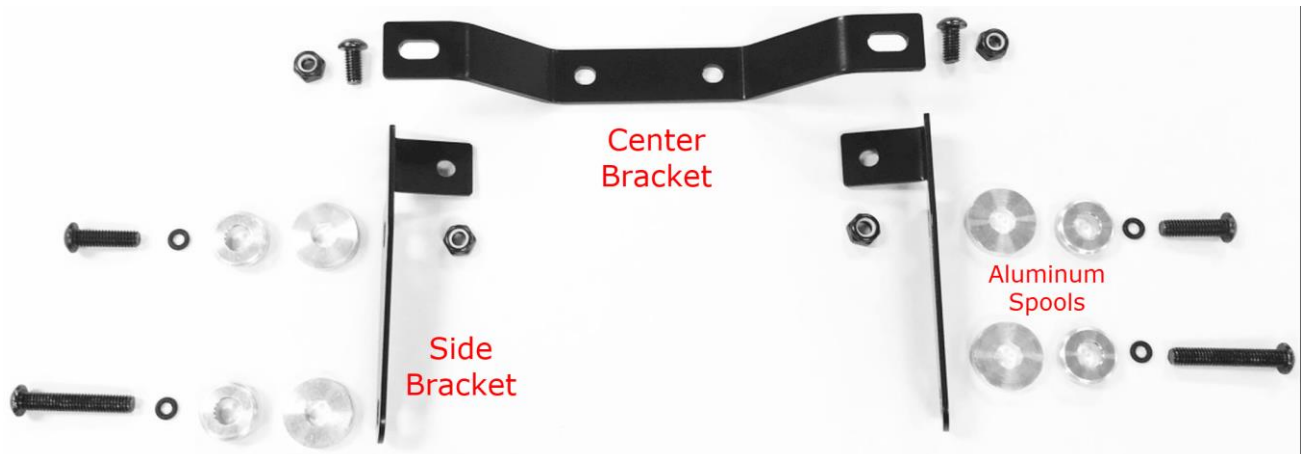
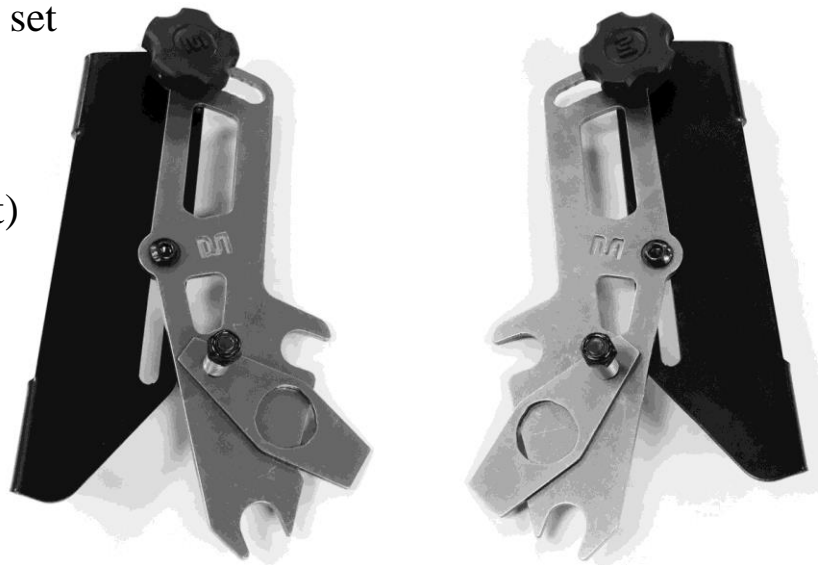
Quick-Release Adjustable Windshield

Yamaha MT-07 2018-up

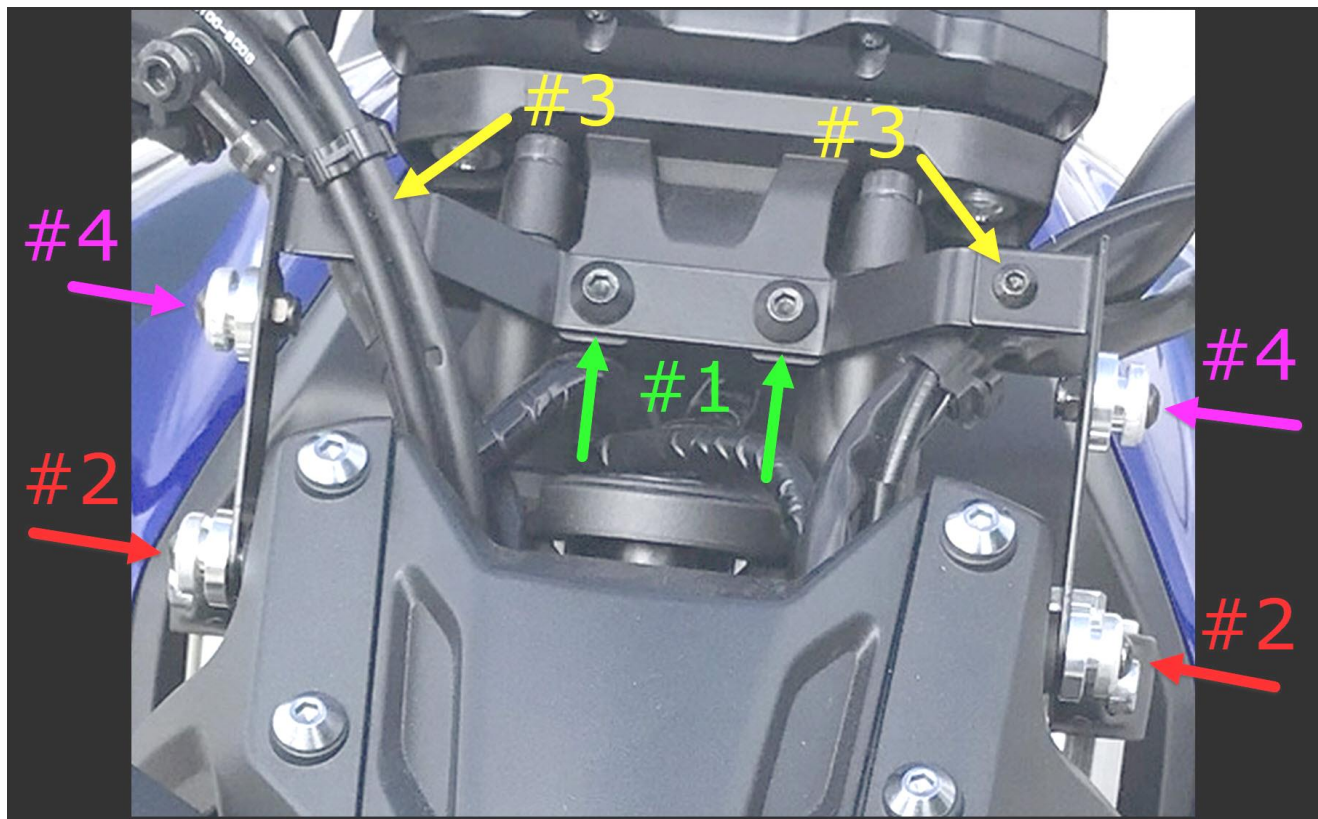
Please read this entire manual before proceeding with installation.

What is in the box:

- (1) Quick release adjustable brackets set
- (1) Center bracket
- (2) Side brackets (pre-assembled)
- (4) Aluminum spools (top/bottom set)
- (2) M6 x 12 button socket screws
- (2) M6 x 35 button socket screws
- (2) Small rubber o-rings
- (4) M6 nylock nuts
- (4) M5 Truss screws
- (4) M5 plastic flat washers
- (4) soft rubber washers



Please refer to the following **IMAGE 1** for installation steps.



STEP #1: Install the Center Bracket

Remove the two screws in front of the handlebars that hold the instrument cluster in place. Set the center bracket in front of the instrument cluster housing and run the two factory screws back in to secure them together.

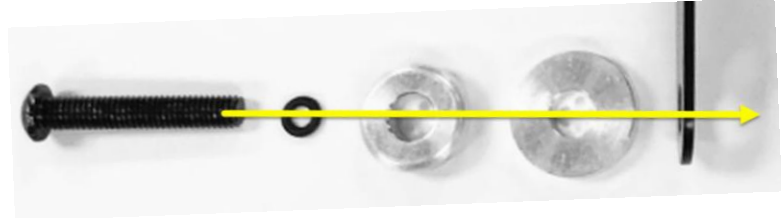
STEP #2: Install the Side Brackets

Please look at the image at right. This side bracket should be pre-assembled as shown, and this one is for the throttle side. The aluminum quick-release spool should be assembled but just slightly loose, it will be tightened in another step. Take the small screws and nuts out of the top tab, you will be using them to attach this bracket.



STEP #2 (continued):

In Image 1 there are two #2 red arrows. There are two factory screws at these points, and you need to remove them. Once removed install the side brackets here using the long M6 x 35 mm screws. First put the small rubber o-ring onto the screw and push it up to the screw head. Then put the smaller aluminum disk onto the screw (wider side toward the screw head), then the larger aluminum disk, then run this through the side bracket and fasten into the side of the bike where factory screws came out of. Don't fully tighten yet and make sure the small tab is resting on top of the center bracket. Repeat for the other side.



STEP #3: Complete the side bracket installation

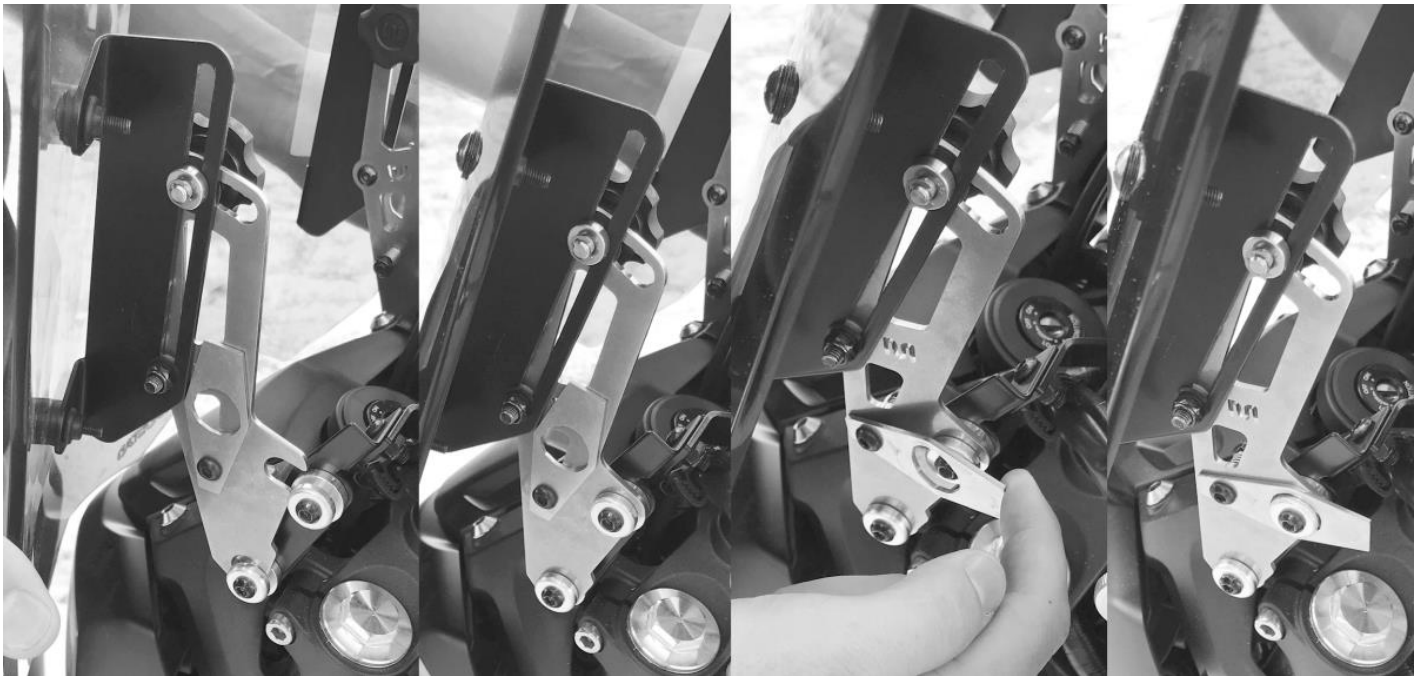
Put the small M6 x 12 screws through the top of the side bracket tabs and put the M6 nuts on the bottom side but do not tighten. Go back to the side screws in Step 2 and now fully tighten those, then tighten these small tab screws. Your base bracket system is now installed.



STEP #4: Aligning the quick-release spools

You will now attach the adjustable brackets and lock them into place. This will give us the perfect alignment for the upper spools which were left a little loose, at which point we will tighten them for the final fit.

The images below show how to slide the brackets onto the spools, then lock them down with the spring-loaded tab. You do not put the shield on yet, just attach the left and right adjustable brackets shown. You may have to shift the upper aluminum spool to get the locking tab to fit completely over it, but make sure that tab is completely down over the top of the spool as seen below:



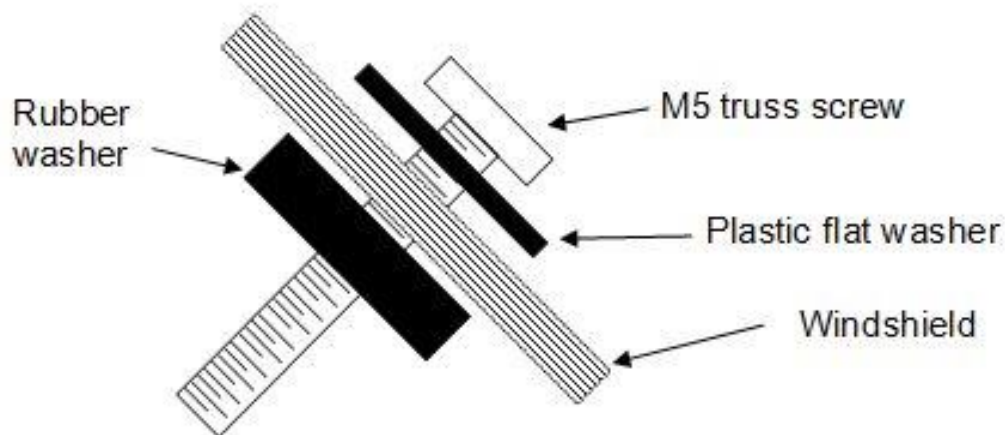
Once the brackets are snapped onto the spools it is time to **tighten them down.** (4mm Allen wrench, 10mm open-end wrench). After they are tight, pull up on the tab and rotate it out of the way and tilt the brackets off of the spools, then test to make sure the re-install smoothly. The locking key may be a little tight to snap down, but that is intentional so that you have a tight fit.

Lock both brackets in place for the final step of attaching the windshield.

STEP #5: Windshield Installation

The windshield attaches to the front of the brackets with the Phillips truss screws, plastic flat washers and rubber washers provided. Make sure your two adjustable brackets are set up and aligned evenly! If not then loosen the adjustment knobs to align them.

Prepare the shield first by inserting a truss screw with plastic flat washer into a windshield hole, then slide the other rubber washer onto the back (see diagram at right). Repeat this with all four screws before attempting to attach the windshield. Lay the shield over the brackets and insert the four screws into the four rubber well nuts on the MadStad brackets. These nuts are flexible and shield holes oversized so you can nudge the shield around to align the screws with the holes properly. Tighten only until the well nuts begin to swell up and the shield is snug against the brackets. *Over-tightening can damage the well nuts.*



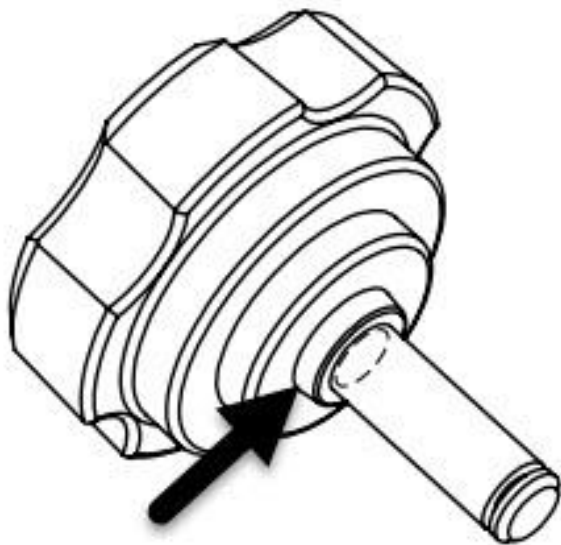
Once the shield is attached you can remove it and the two adjustable brackets as one complete set. That is most easily accomplished by releasing the two locking keys, then standing at the front of the bike and tilting back and lifting the shield off the spools. Re-installing is usually easiest from the front as well.

Adjusting the MadStad Brackets

The big black 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!

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. 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.



NOTE: These MadStad brackets have what we call a “posi-lock” system for angle adjustment. Each knob has a small tapered shoulder (shown at left) which seats itself into the curved adjustment slot on the brackets. As you are re-tightening the knobs, make sure this shoulder goes down into that slot rather than just clamping to the outside of the bracket. You may have to wiggle it a little as you tighten, but properly seating these knobs this will lock in the angle so that wind pressure cannot change your adjustment.

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. 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 E. Jefferson St.
Brooksville, FL 34601 U.S.A.

Phone: 352-848-3646

Fax: 352-240-3911

Web Site: <http://www.madstad.com>

Email: support@madstad.com

Thank you for your support, and ride safely!

