

MADSTAD INSTALLATION GUIDE – ADJUSTABLE WINDSHIELD SYSTEM

TRIUMPH TIGER SPORT 660 (2021 +)

PART# RKTR-TG621-TGXX-XX

***READ ENTIRE GUIDE PRIOR TO INSTALLATION – SUPPLEMENTAL PAGES INCLUDES PHOTOS**

****This is a supplemental guide to the Madstad Installation Video – Tiger Sport 660 (2021 – Up). It is highly recommended that you view the video prior to and during the installation process.***

INSTALLATION VIDEO: <https://youtu.be/nGnQeQ7C7Wo?si=jdbXIoRLf6X3Aya>

Digital copy of this manual: <https://madstad.com/pages/installation-page>

Kit Contents:

- (1) Windshield
- (2) Side Anchors
- (1) Key Tool
- (1) Bottom Anchor
- (2) 10/32 thin lock nut
- (2) 10/32 x 5/8 Philips screw
- (4) M6 x 20 button screws
- (4) M6 metal flat washers
- (4) M6 locking washers
- (4) M5 x 20 truss screws
- (5) M5 plastic flat washers
- (4) M5 Soft rubber washers
- (1) M5 x 12 button screws

OVERVIEW

Remove stock windshield and adjuster. Attach lower anchor, install side anchors, attach receiver brackets, and link arm to lower anchors, attach adjustable brackets unit to receiver brackets and bottom stock adjuster screw hole, attach Madstad windshield.

STEPS:

1. **Stock Windshield Removal:** With a #5 Allen tool, remove the three screws then remove the windshield. You will not be reusing the stock screws.
2. **Stock Windshield Mount Removal:** Grip the bottoms of the mount and apply pressure toward the tracks. While maintaining pressure, turn the mount backwards, squeeze together bring the mount catches out of the tracks one side at a time.
3. **Install Bottom Anchor:** Remove plastic cover located directly under the display by pulling the tabs on the bottom - one side at a time. Using a 12mm socket with ratchet and a 12mm wrench, remove the stock bolt, nut, and washers. Loosen the top bolt head with the ratchet while holding the bottom nut with the wrench. - *The bottom nut and washer will drop once free from the bolt.*

Next align the Bottom Anchor over the hole with the tabs facing up and back towards the forks. Insert the stock bolt, nut, and washers. While tightening, ensure that the orientation of the Bottom Anchor stays in the same orientation. Securely tighten the bolt and nut.

4. **Insert Side Anchors Into Stock Adjustor Tracks:** Using the provided tool, position a side anchor - round side up. Ultimately the protruded side will be facing outward. Slide the anchor into the track and turn it with the tool until it seats facing forward in the slot. While holding the anchor in place with the tool – pulling forward, screw an M6 Button Socket Screw – M6 Locking Washer, and M6 Flat Metal Washer into the top hole of the anchor. The screw will hold the anchor in place for the next step. Do not fully tighten the screw – leave some threading exposed. Repeat for the remaining bottom hole. Next complete these steps on the opposite side to insert an anchor inside that stock track.

5. **Attach Receiver Brackets To Side Anchors:** Set the bike as level as possible. Turn out the four screws on the Side Anchors to expose approximately 9mm of threading. With the provided tool, slide the washers toward the head of the screws, making room for the brackets.

The Receiver Brackets come in the kit with Link Arms attached. Position one Receiver Bracket so the Link Arms are hanging down and the anchor is up. The anchor cutouts face forward, and the bottom bend turns toward the instrument gauge. Slide the Receiver Bracket top and bottom slots over the M6 screws between the Side Anchor and the screw washers.

Next slide the Receiver Bracket to the top of the stock channel. Tighten only the top M6 screw to keep the bracket in the position. Repeat these steps on the opposite side.

6. **Attach Link Arms To Bottom Anchor:** *Important to view the installation video for complete details of this step.* Using the 10/32 Locking Nuts and Phillips Screws, connect each Link Arm to the Bottom Anchor with the screw head side facing outward. ***The Link Arms should be set to put upward pressure, not pulling down, during the setting and tightening sequence.***

7. **Attach Adjustable Brackets Unit:** Setup the four screws coming from the Receiver Brackets so the threading is exposed and the washers are pushed up against the screw head. The provided tool can help to move the washers. Next slide the two slots of one side of the Adjustable Brackets Unit onto the screws. Then, by applying some pressure, squeezing the Adjustable Brackets Unit together, slide the remaining two slots over the screws. Tighten enough to hold into position. Next move the bottom stock windshield adjuster up three clicks from the bottom position. Align the holes and insert the provided M5 x 12 button socket screw and M5 flat plastic washer – tighten securely – go back and tighten securely the other 4 upper screws. (see diagram 1.)

8. **Attach The Madstad Windshield: (SEE DIAGRAM BELOW)** Stage the install first by installing all four M5 x 20 Philips truss screws into the windshield. The M5 flat plastic washers go between the screw head and windshield. The M5 rubber washers are run up the screw threading on the backside of the windshield. Align two holes on one bracket side. *Gently* put the screw in the hole putting your finger behind the well nut it is entering. Tighten until the well nut swells up on the back of the bracket. Repeat these on the remaining holes. Safety check by pulling the windshield forward. If a well nut pushes out of the bracket, remove the screw if inserted, twist the rubber lip and turn into the hole *from behind*.

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

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.

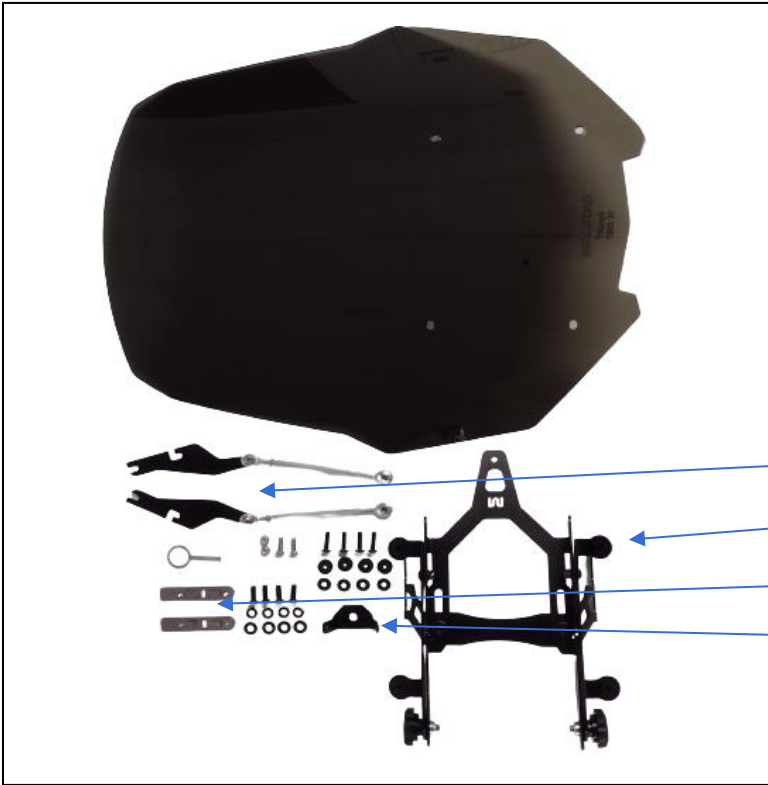
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Thank you for your support, and ride safely!

Diagram 1.

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.





KIT CONTENTS

Link Arm / Receiver Bracket

Adjustable Brackets Unit

Side Anchors

Bottom Anchor

Required Tools



Philips Screw Driver

12mm Wrench

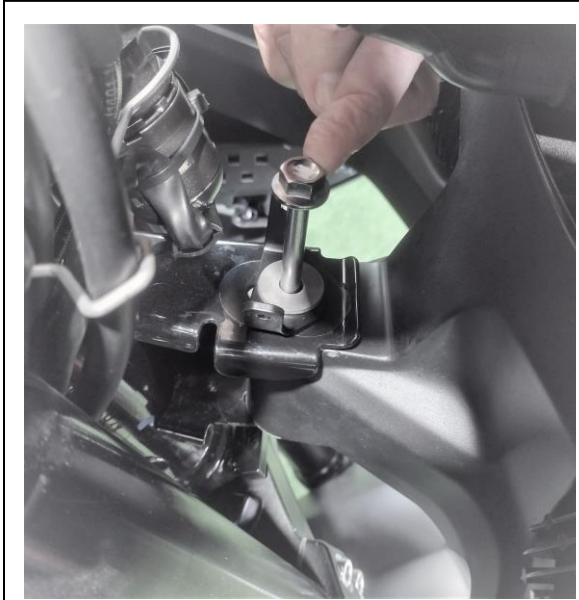
12mm Socket/Ratchet

3/8 Wrench

#3, #4, #5 Allen Tools

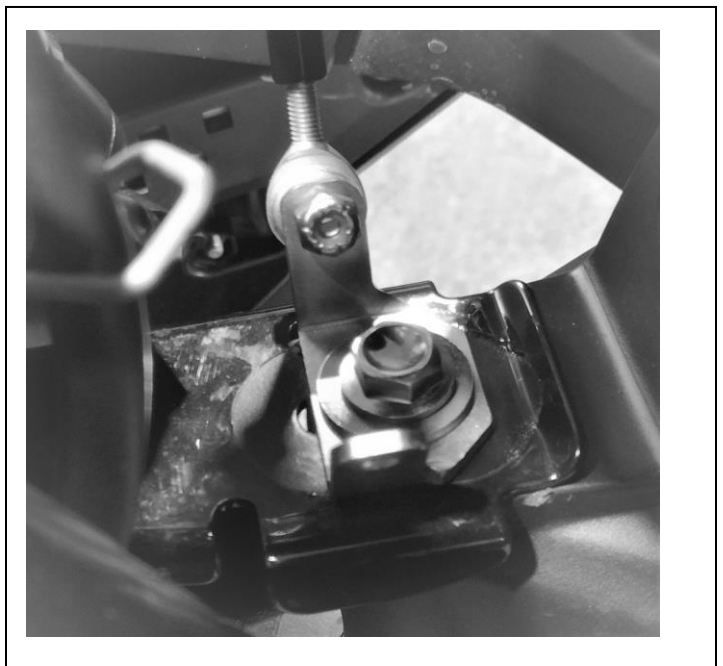
Bottom Anchor Mount

Side Anchor Insert

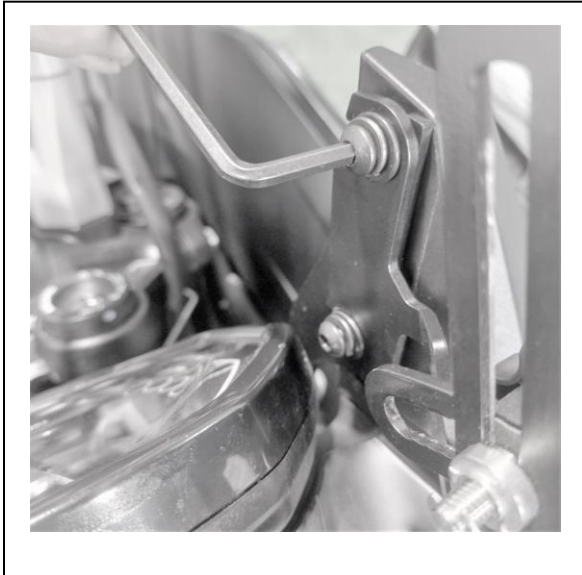


Receiver Bracket to Side Anchor

Link Arm to Bottom Anchor



Adj. Brkts. Unit to Recv'r Brkts.



Adj. Brkts Unit to Recv'r Brkts



Windshield Installed

