

# MADSTAD

## INSTALLATION GUIDE

### Adjustable Windshield System - Honda NC750X (2021-Up)

RKHO-NC21-NCXX-XX

\*\* Please read this entire manual before proceeding with the installation \*\*

### PARTS LIST

#### PRIMARY:

- (1) Madstad NC750X (2021 – Up) Touring Windshield
- (1) Set of MadStad NC750X Adjustable Brackets
- (1) Aluminum Crossbar - 220 mm

#### Crossbar Hardware:

- (2) M6 X 16 Screws
- (2) M6 Split Lock Washers
- (2) M6 Metal Flat Washers

#### Windshield to Brackets Hardware:

- (8) M5 X 20 Truss Screws
- (8) M5 Black Plastic Washers
- (4) Soft Rubber Washers



**Note:** With this installation, you'll be removing several body panels from the bike.

We strongly suggest that you keep the push pins and screws you remove with that body panel, so they don't get mixed up with other fasteners from the other body panels.

Also, take note of the size of the push pins and they're location. You want to be sure they go back to the locations they came from.

## 1. Remove Stock Windshield (figure 1)

- Four screws hold on the stock windshield. Remove them and the windshield.
- You will not need to reuse these screws.

## 2. Remove Center Compartment Cover (figure 2)

- Removing the Center Compartment Cover allows you to get to the side body panels.
- There are six screws to remove.
- The push pins can be released using a small Allen tool or similar.

## 3. Remove Side Panels (Both Sides) (figures 3-7)

- The outer panel has a single screw to remove per side. Once the stock screw is removed, push the panel forward which will unhook it from the bike.
- There is a screw at the top of the Turn Signal that must be removed. Then, there is a small panel that runs along the top side of the bike. Press down on the black interior molding and slightly push forward to remove this smaller piece of panel.
- **Recommended Step:** turn signals can remain on the bike, but should be supported while hanging. *If you want to remove signals disconnect the two wired connectors of each turn signal – one Black and the other Blue.*
- Lift the tab that holds the connector together and pull them apart. There are a couple Push Pins and one screw to remove.
- Remove the Push Pin in the very front. Once the Push Pins and screws are removed, pry the panel away from the bike.
- As the side panel comes off, the Turn Signal will come off with it – it is attached to this body panel.

## 4. Removing the Stock Brackets (figure 8)

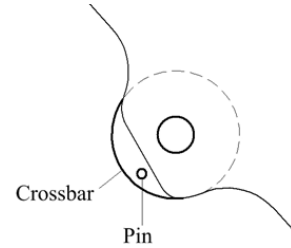
- Remove the stock silver 10mm bolts. This will free up the stock brackets to be removed. **Keep the stock bolts for the next step.**

## 5. Installing the MadStad Brackets (figures 9-10)

- Using the same bolts from the factory windshield brackets, install the MadStad brackets on each side with the adjustment knob facing outward. Tighten fully, test for stability and rigidity.

## 6. Crossbar Installation (figure 11)

- Mount the crossbar between the two brackets at the holes with the slant at the top of the brackets.
- There is a pin on one side of the crossbar that must be placed outside of the brackets to keep it from rotating.
- Place crossbar between the brackets with pin located as shown in diagram to the right.
- Use the short M6 X 16 screws with flat washers to fasten from the outside of the brackets.



## 7. Reinstalling Body Panels – Main Panel (figures 12-16)

- The largest panel is first.
- Starting from the front of the bike, slowly set in the hooks and gently press the panel back into place.
- Insert the Push Pins and the screw in the center of the panel.

## 8. Top Panel

- Locate the hook and be sure it's set into place before applying pressure to snap the panel into place. Insert the Push Pins for this panel.

## 9. Outer Body Panel

- The last body panel is the outer panel with the Honda logo. As with the other panels, be sure the hook is set and gently press into place. There is a visible screw on this panel that must be screwed in.

## 10. Windshield Installation (figure 17)

- Pre-install the Truss screws & washers into the windshield holes.
- 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.
- Hand tighten the Phillips Truss screws until they swell up behind the bracket and are firmly holding the windshield.

## **Pivot Screws**

The MadStad mount has a pivot screw on each set of brackets, located near the middle of brackets. A nylon lock nut keeps the screw in place yet allows the brackets to slide back and forth. It is adjusted at the factory to have a minimum of play yet still allow the brackets to move. The upper pivot hole gives maximum rearward tilt, and the lower pivot hole moves the tilt range 5 degrees more forward. If for some reason you wish to adjust the tightness of this pivot screw or move it to an alternate pivot position, use a 4mm Allen wrench along with a 10mm socket or open-end wrench to make the adjustment. If you tighten the lock nut completely you will not be able to slide the brackets.

## **Adjustment Knobs**

To adjust the windshield for height and/or angle you must loosen the knobs about 1-2 turns to loosen the brackets allowing them to slide back and forth. Gently push or pull on the shield to position it where you want it. Once you have the brackets adjusted, you do not need to tighten the knobs down hard, just snug enough to prevent them from moving out of adjustment.

## **Adjustments**

The knob screws release the brackets allowing the windshield to slide and tilt. These knobs must always be tightened securely before riding and DO NOT attempt to adjust the brackets while riding! 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, before reaching full lock.

To adjust, loosen the knobs 1-2 turns and raise or lower the windshield so the top edge is at about your chin level as you look straight ahead while seated on the bike. Tilt the shield to 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.

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.

## **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 website at [www.madstad.com](http://www.madstad.com). If purchased from a dealer, then please contact them for returns.

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.

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

# MADSTAD

## INSTALLATION GUIDE PHOTO SUPPLEMENT

### Adjustable Windshield System - Honda NC750X (2021-Up) RKHO-NC21-NCXX-XX

Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6





Figure 7



Figure 8



Figure 9

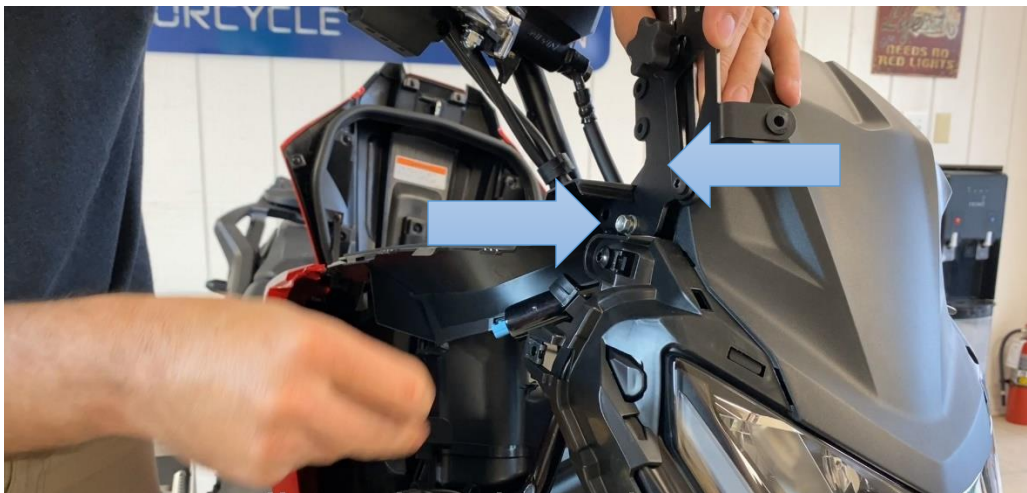


Figure 10



Figure 11



Figure 12



Figure 13



Figure 14



Figure 15



Figure 16



## Install Windshield



Figure 17

