

Thank you for purchasing a ZTechnik product. Read these instructions carefully and thoroughly before beginning work.

Dealers: If installing this windscreen for a customer, please give them this manual upon completion. It contains information needed for proper maintenance.

Scan this QR code for online video instructions showing installation of this product.



Description:	VStream+® Windscreen	Model:	2020-Later BMW® F900R
Part Number:	Z2389/Z2390/Z2391	Installation Time:	30 min. Difficulty Level: Basic

**CONTENTS OF KIT**

ITEM	DESCRIPTION	QTY.
20-290855-000	Windscreen, Sport, Dark Tint	
20-290856-000	Windscreen, Sport-Tour, Light Tint	
20-290857-000	Windscreen, Touring, Clear	
<b>A</b> 37-370244-000	Windscreen Bracket Mount, Left, Black	1
<b>B</b> 37-370245-000	Windscreen Bracket Mount, Right, Black	1
<b>C</b> 37-370246-000	Windscreen Bracket Clamp, Left, Black	1
<b>D</b> 37-370247-000	Windscreen Bracket Clamp, Right, Black	1
<b>BAG#1354</b>		
<b>E</b> 50-571103-000	Cap Screw, M6x12, Stainless	4
<b>F</b> 34-346044-000	Cap Bushing, Polished	4
<b>G</b> 44-447304-000	Grommet (Rubber)	4
<b>H</b> 51-515721-000	Cap Screw, M8x20, Black	4
<b>I</b> 75-764052-000	Clamp Spacer (Rubber)	4



**TOOLS REQUIRED**

4mm Allen Wrench  
6mm Allen Wrench  
10mm Box Wrench



**ATTENTION:** Special notes and cautionary measures which can prevent damage to the accessory or vehicle.



**NOTE:** Tips for facilitation of operation, control and adjustment, as well as maintenance work.

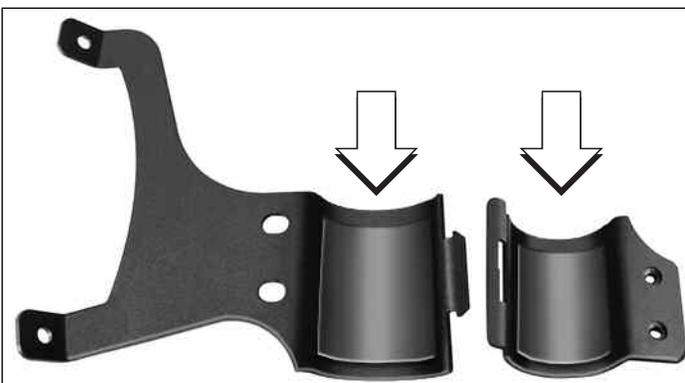


Figure 1

**PREPARATION**

Place motorcycle securely on its sidestand.

**Figure 1**

Begin by taking the four Rubber Clamp Spacers (I) and removing the adhesive backing.

Firmly adhere one rubber spacer to the inside of each Windscreen Bracket Mount (A, B) and Windscreen Bracket Clamp (C, D) as shown.



Figure 2

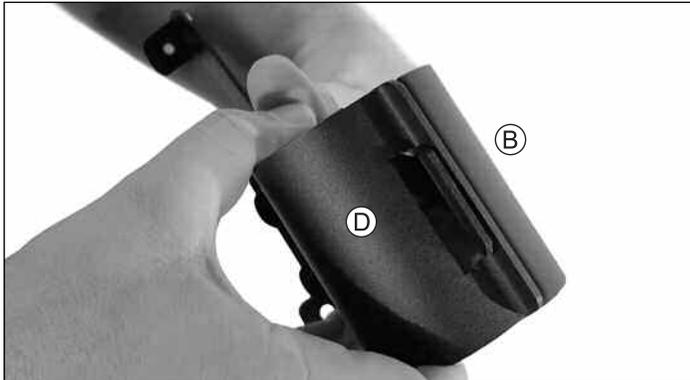


Figure 3

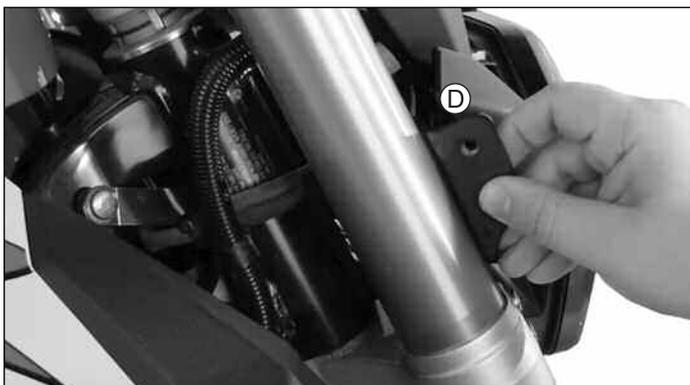


Figure 4



Figure 6

**INSTALLATION:**

**Figures 2-3**

Start with the right side Windscreen Bracket Mount (B) and Windscreen Bracket Clamp (D). Familiarize yourself with how the tongue-and-groove sections at the rear fit together.

**Figure 4**

Now place the Windscreen Bracket Clamp (D) on the inner side of the right fork tube as shown. It's easier to start at the bottom of the fork tube where there is more room to work.

**Figure 5**

Align the Windscreen Bracket Mount (B) on the outside of the right fork tube and manipulate the Bracket Mount and Bracket Clamp so that the tongue-and-groove sections join.

**Figure 6**

Slide the joined sections up to the top of the fork tube, making sure the extending windscreen mount arm is inside the brake lever and pointing forward.

**Figure 7**

Bolt the two sections together with two M8x20 Cap Screws (H).

 *Do not fully tighten these Screws just yet.*

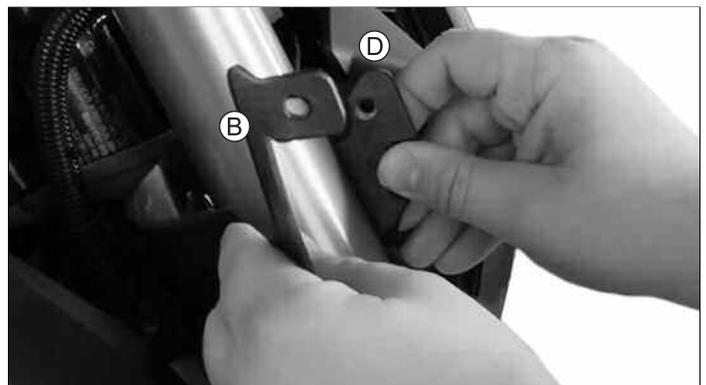


Figure 5



Figure 7



Figure 8



Figure 9

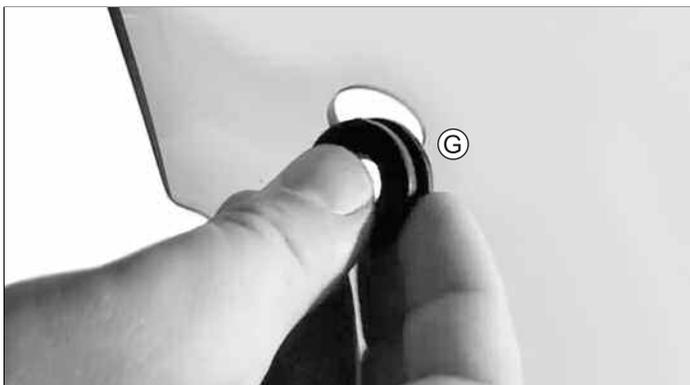


Figure 10



Figure 12

## INSTALLATION; CONT'D

### Figures 8-9

Place the left side Windscreen Bracket Mount (A) and Windscreen Bracket Clamp (C) together at the bottom of the left fork tube, then shift it up to the top of the fork tube, keeping the extending windscreen mount arm inside the clutch lever and pointing forward.

Temporarily fasten the two sections together with two M8x20 Cap Screws (H).

 Do not fully tighten these Screws just yet.

### Figure 10

Install the four Rubber Grommets (G) into the mount holes of your VStream Windscreen.

### Figure 11

Place two Cap Bushings (F) into the top two Rubber Grommets and align the Windscreen with the upper mount arms of the Windscreen Bracket Mounts (A, B).

### Figures 12-13

From inside the Windscreen, insert two M6x12 Cap Screws (E) through the Windscreen Bracket Mount holes and into the top two Cap Bushings (F).

 These Cap Screws should be fully seated but not fully tightened yet.



Figure 11



Figure 13

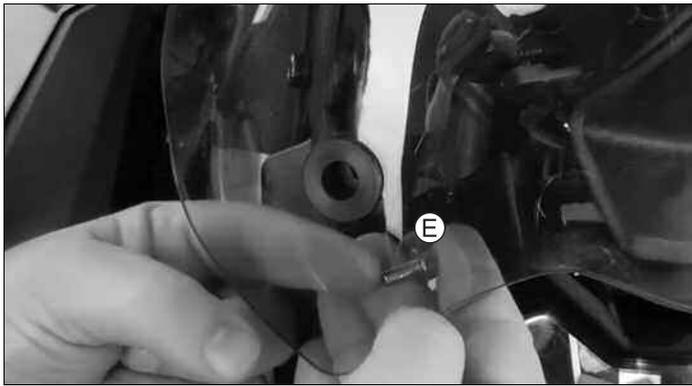


Figure 14



Figure 15



Figure 16



Figure 17

## INSTALLATION; CONT'D

### Figures 14-16

The lower two mount points are best approached by reaching behind the Windscreen with the M6x12 Cap Screws first, inserting them through the Windscreen Bracket Mount holes, and then inserting the Cap Bushings (F) into the Rubber Bushings (G) and threading them onto the Cap Screws.

 *These Cap Screws should be fully seated but not fully tightened yet.*

 **Check the Windscreen Bracket Mounts carefully for left/right symmetry and make sure their position relative to the upper triple clamps is the same.**

**Check the Windscreen to make sure it is mounted straight and perfectly centered.**

### Figure 17

Using a 4mm Allen Wrench and a 10mm Box Wrench, firmly tighten the Windscreen's four Cap Bushings and four M6x12 Cap Screws.

### Figure 18

Using a 6mm Allen Wrench, firmly tighten the four M8x20 Cap Screws on the left and right Windscreen Bracket Mount/Bracket Clamp pairs.

As always, double-check your work.

***Ride safe and enjoy your new VStream Windscreen!***



Figure 18



## CLEANING AND MAINTENANCE

To clean the screen, wash with a clean soft cloth and plenty of warm water and, if necessary, a non-abrasive soap such as dishwashing liquid. Flannel or soft chamois make good cleaning cloths. Paint, glue residue or grease removal: Moisten cotton wad with naphtha or turpentine followed by a wash as above.

National Cycle **Shield Wash™** (N1401-01) makes a good daily cleaner and comes with a handy travel-size bottle. Shield Wash is safe for all windshields and helmet visors

Do not clean polycarbonate in hot sun or high temperatures. Do not clean the screen with household glass cleaners. Do not allow brake fluid, alcohol, or strong solvents to contact the screen.

## RAIN REPELLENT

Do not use rain protective products made for glass. We recommend National Cycle's **RainZip®** (N1410-01) to keep your windscreen clear in rainy weather.



Register Your Windshield Online at [www.nationalcycle.com](http://www.nationalcycle.com)

### ZTechnik by National Cycle 3-Year Limited Warranty

National Cycle hereby warrants to the original registered owner of a National Cycle polycarbonate windshield for a period of three years from the date of purchase against breakage. This limited warranty is expressly limited to the replacement of the polycarbonate windscreen. This limited warranty does not include scratches, coating failure, cosmetic wear and tear, replacement of hardware, or any consequential damages or expenses including labor cost of installation, removal and/or replacement, inconvenience, inbound freight expenses or damage to any other component of the motorcycle or any other accessories. Certain chemicals, generally known as acidic hydrocarbons, are known to cause polycarbonate damage and will not be covered under this limited warranty. Please refer to the cleaning instructions supplied with all National Cycle windshields.

Visit [www.nationalcycle.com](http://www.nationalcycle.com) for further details or e-mail National Cycle.

## WARNING

Never ride your motorcycle with loose accessory mounting hardware. Check the hardware for tightness regularly.

Today's motorcycles are built to withstand the moderate loads imposed on them by the foreseeable addition of an accessory(ies). If an accessory(ies) adversely affects your motorcycle's stability, immediately remove the accessory(ies). Do not ride a motorcycle that exhibits unsafe handling traits.

Have experienced service personnel correct any problem before riding with the accessory(ies) installed. For further questions concerning handling problems associated with an accessory(ies), contact your dealer, motorcycle manufacturer, or accessory manufacturer.

**Sunlight reflected off the inside curvature of the windscreen can, at certain times of day, cause extreme heat buildup on the motorcycles instruments and possibly even melt them. Exercise care in parking to avoid this. Park your motorcycle facing the sun or place an opaque object over this area.**