

Thank you for purchasing a ZTechnik product. Read these instructions carefully and thoroughly before beginning work. Dealers, if installing this windshield for a customer, please give them this manual upon completion. It contains information needed to properly maintain and use this product.

Description:	VStream+® Windscreen	Model:	2007-10 BMW® R1200R
Part Number:	Z2405/Z2406/Z2408/Z2409	Installation Time:	20-30 min. Difficulty Level: Moderate



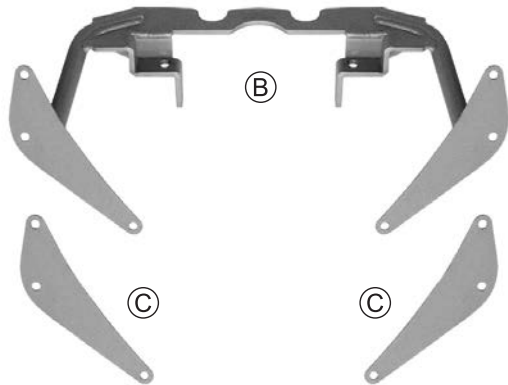
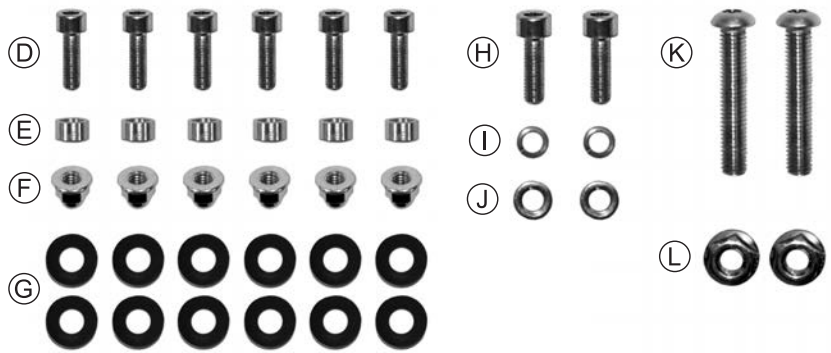
**ATTENTION:** Special notes and cautionary measures which can prevent damage to the accessory or vehicle.



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

### PACKAGE CONTENTS

Index	Item Description	Part No.	Qty.
A	Windshield, Hardcoated Polycarbonate		1
B	Mounting Bracket	37-370724-000	1
C	Face Plate	37-370727-000	2
<b>BAG# 861</b>			
D	Torx Screw M6x20	55-563220-000	6
E	Compression Limiter	49-495555-000	6
F	Cap Nut	42-483006-000	6
G	Poron Washer, Adhesive	44-447635-000	12
H	Hex Screw, M6x20	51-515319-000	2
I	Lock Washer, M6	49-491112-000	2
J	Flat Washer, M6	49-490511-000	2
K	Hex Screw M8x45	51-516445-000	2
L	WhizLock Nut, M8-1.25	42-433032-000	2



### TOOLS REQUIRED

T30 Torx Wrench or Socket  
T45 Torx Wrench or Socket  
10mm Box End Wrench  
13mm Combination Wrench  
5mm Allen Wrench

### PREPARATION

The ZTechnik main bracket design is a strong mount developed using steel. Welded construction provides four mounting points for high-strength fasteners creating a torsionally rigid mounting platform for the Z2405 and Z2408 VStream windscreen that does not interfere with the look of the motorcycle.



Care must be taken when installing the main bracket. Cover the plastic trim piece and upper triple clamp area with a low tack adhesive tape such as masking tape to prevent scratching the motorcycle's finish!



A second person will be required during installation to support the handlebar assembly while you place the bracket!



Right and left sides of the motorcycle are determined while sitting on the bike.



Figure 1



Figure 2



Figure 3



Figure 4

## INSTALLATION OF THE MOUNTING BRACKET

### Figure 1

Use a marker or piece of tape to mark your handlebar's position and angle before removal. Now remove the bike's handlebars from the clamps. **(T45 Torx Wrench or Socket)**

### Figure 2

Have someone straddle the front wheel and hold the bars up and forward to allow clearance for the arms of the bracket to go under the cables.

### Figure 3

From the rider's position on the motorcycle, work the left arm of the Mounting Bracket **(B)** *under* the bar and cables and the right arm *over* the throttle cable and *under* the bar and brake cable(s). Take care not to scratch the motorcycle's finish.

### Figure 4

Seat the main bracket on top of triple clamp.

Rest handlebars into position. *Do not secure.*

### Figure 5

From the outside and front of the motorcycle, install the two M8x45 Hex Screws **(K)** and WhizLock Nuts **(L)**. *Do not fully tighten yet.* **(5mm Allen Wrench and 13mm Combination Wrench)**

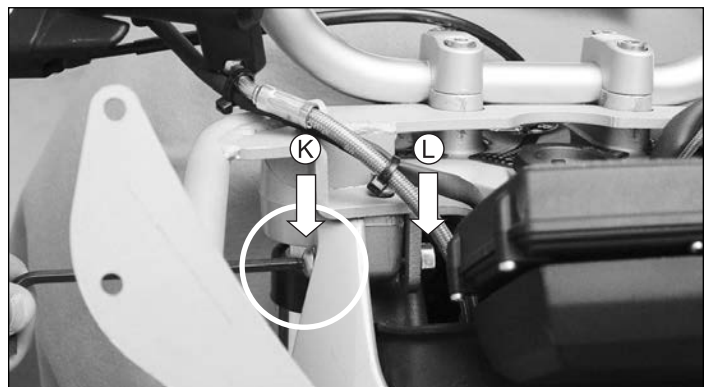


Figure 5

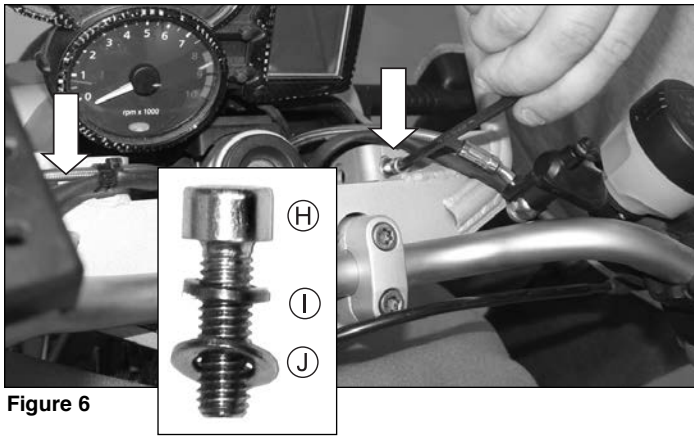


Figure 6

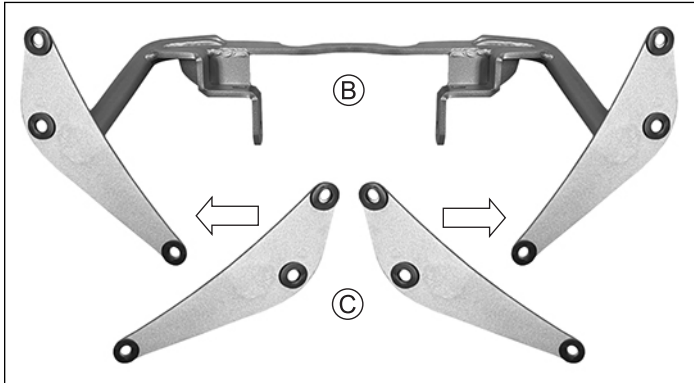


Figure 7

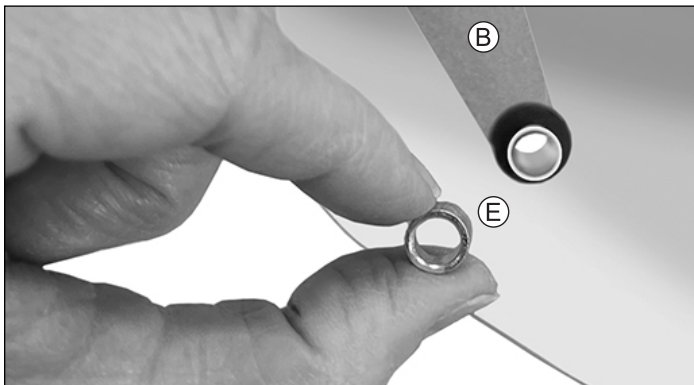


Figure 8

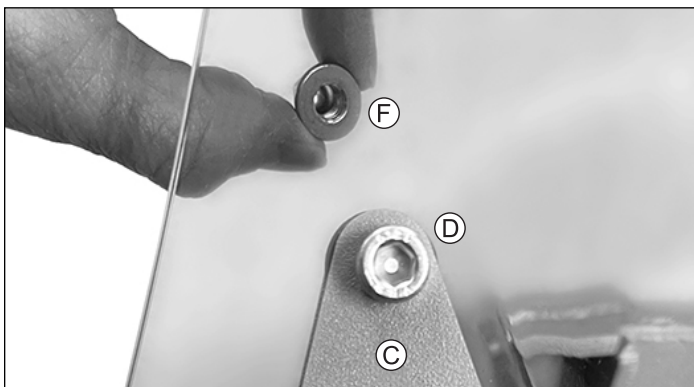


Figure 9

## INSTALLATION OF MOUNTING BRACKET; CONT'D.

### Figure 6

Assemble a Lock Washer (I) and a Flat Washer (J) onto two M6 x 20 Hex Screws (H). Align the Mounting Bracket and install the two Hex Screw assemblies into the left and right top holes. *Do not fully tighten yet.* (5mm Allen Wrench)

Reinstall the handlebars in their original marked position and fully tighten to the torque specification in your motorcycle owner's manual. (T45 Torx)

Fully tighten all fasteners on the Mounting Bracket. (5mm Allen Wrench, 13mm Combination Wrench and 10mm Wrench)

## INSTALLATION OF WINDSCREEN

### Figure 7

Gather the twelve Adhesive Poron Washers (G). Remove the adhesive backing and secure one each to the *outside* six mount points of the Mounting Bracket (B) as shown.

With the remaining six, remove the adhesive backing and install one each to the *inside* six mount points of the Face Plates (C).



### Figure 8

At this point, having an assistant would be helpful. Individual adeptness may suffice if you have all the parts within easy reach.

Holding the Windscreen in place while standing in front of the bike, insert one Compression Limiter (E) into each of the *three mount points on one side of the Windscreen*.

### Figure 9

Now insert one M6x20 Torx Screw (D) through the top hole of that side's matching Face Plate (C) and insert it through the top left mount hole of the Windscreen.

On the back of the Windscreen, secure it finger-tight with a Cap Nut (F). Hold the Windscreen in place while you repeat this procedure with the remaining two mount points of the Mounting Bracket/Face Plate.

With the Windscreen reasonably stable, repeat the procedures in Figure 8 and Figure 9 on the other side of the Windscreen.

Now fully tighten all Windscreen/Mounting Bracket fasteners. (T30 Torx Wrench, 10mm Box End Wrench)



Your new ZTechnik VStream+ Mounting Bracket and Windscreen are now fully assembled.

Double-check all fasteners for tightness before riding.

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



#### 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 automotive 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 call 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.**