



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

 <p>Attention: Special notes and cautionary measures which can prevent damage to the accessory or motorcycle.</p>	 <p>Note: Tips for facilitation of operation, control and adjustment, as well as maintenance work.</p>
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TOOL REQUIRED:

- 3mm Hex Key
- 10mm Wrench



Figure 1



Figure 2

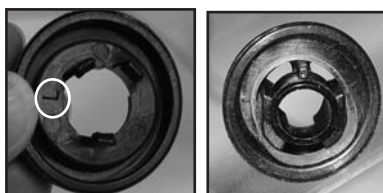


Figure 3

CONTENTS OF KIT

Item	Description	Qty.
Z2414-A or Z2415-A		
1	VStream® Windshield	1


 For correct windshield to mirror clearance, Mirror Extender Kit Z5300 (or similar kit) is required when mounting Z2414-A or Z2415-A.




Z5300

PREPARATION

Install Mirror Extender Kit Z5300.

 Some R 1200 GS models have front bushings isolating the hole of the stock windshield. If you have these bushings, they will *not* be re-used in the installation of your new ZTechnik Windshield. *All* other stock hardware will be re-used.

 Pay attention to the *acorn nut and the top hat* located inside the side brackets. Do not let these parts fall to the inside of the motorcycle. Figure 1.

1. Remove the stock windshield. Figure 1 and 2.

 The Cap assemblies attached to the windshield are left and right sided. Do not mix. Figure 3.

2. Remove the Cap Assemblies from the original windshield.

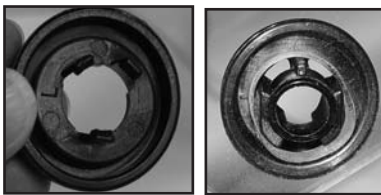


Figure 4 Showing Exterior Bushing

INSTALLATION



Note: All parts are in same location as original.

1. Install the Cap Assemblies to the ZTechnik Windshield. Mate the two pieces, noting the position of the three tabs. **Figure 4.**
2. Install the Windshield at the left and right sides of the motorcycle. Top Hat and Acorn Nut go to the inside of the bracket. **Figure 5.**
3. Install windshield to stock hardware at front. **Figure 6.**
4. Firmly tighten all hardware. There will be a slight gap between the Top Hat and the Acorn Nut at the sides.



The Acorn Nut is designed to “bottom-out” when tightened. It prevents the Top Hat Assembly from being removed when adjusting the windshield rake angle.

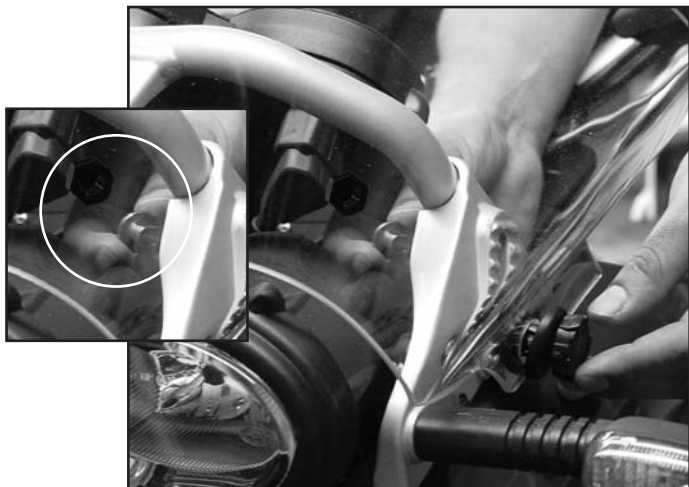


Figure 5



Figure 6

MAINTENANCE

To clean the screen, wash with a clean soft cloth, 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 with Naphtha or Turpentine followed by a wash as above. National Cycle Shield Wash™ makes a good daily cleaner and comes with a handy travel size bottle. N1401-01 Shield Wash is safe for helmet visors.

Do not clean polycarbonate in hot sun or high temperatures. Do not clean the screen with 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 brand Rain Zip® (Part No. N1410-01).



Register your windshield on Line at: www.ZTechnik.com

ZTechnik 3-Year Limited Warranty

ZTechnik hereby warrants to the original registered owner of a ZTechnik 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 ZTechnik windshields.

Visit www.ZTechnik.com for further details or call or write ZTechnik / PO Box 158 / Maywood, IL 60153 / 708-3430400

⚠ WARNING

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

Today's motorcycles are built with enough frame rigidity 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 motorcycle's 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.

View other ZTechnik® products for the R 1200 GS on line at:

www.ZTechnik.com or www.nationalcycle.com

ENGINE GUARDS · CARBON FIBER KITS · HELMET LOCKS · STORAGE POD · ACCESSORY MOUNTS

VStream® windshield patent no. 7,387,328

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