

F800GS LightGuard Also fits F650GS Twin

The F800GS LightGuard provides a protective shield for your fragile and expensive headlight lenses. It will deflect most stones and other road debris, absorb the kinetic impact of any debris, and prevent expensive repairs.

The plexiglass LightGuard is highly impact resistant but it's not bulletproof. Hard impacts from foreign objects may cause it to crack or shatter. This is considered a normal part of the headlight protection process, and is not covered under warranty. Replacement shields can be ordered from BestRest.

Thank you for purchasing a BestRest LightGuard. We appreciate every order. If you have problems with installation please call us at the number above or send us an email.

May the Lord God bless you, watch over you, and keep you safe as you travel the world on your motorcycling adventures.

David & Judy Petersen

Tools needed for installation:

5mm hex wrench, T40 torx wrench

Your parts package should contain:

Qty	Description
1	Plexiglass shield
1	Rubber light seal
2	Small stainless brackets
2	Large stainless brackets
12	Rubber grommets
4	3/16" x 3/4" clevis pin
4	Hairpin cotter pin (small)*
4	Small stainless washers
4	Hairpin cotter pin (LARGE)
4	Nylon spacers
4	5x16 hex head screws
4	5mm nylon locknuts

*Small cotter pins are optional and may not be included in your parts package

Installation

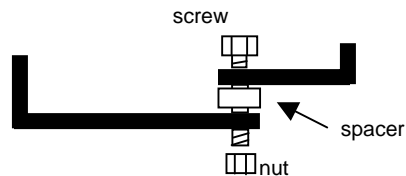
Read and follow these instructions carefully. Improper installation may result in damage to your motorcycle or personal injury. Do not attempt installation unless you can perform it in a safe and professional fashion.

BestRest recommends use of a semi-permanent thread-locking compound (blue Loctite) on all fasteners, nuts and bolts.

Carefully sort all the parts. Clean the plexiglass shield with soap and water or a product specifically approved for plexiglass. Do not use abrasive polishes or scrubbing

pads. Do not use a dry cloth because it creates a static charge and attracts dust.

Assemble the small brackets to the large brackets. Looking down from the top, configure the brackets as shown. Place the screws thru the small brackets, fit nylon spacers on the screws, fit the large brackets on the screws, and then fit the locknuts. The locknuts will be toward the OUTSIDE of the assembled brackets. The heads of the nuts will be flush with the ends of the screws. Tighten the screws snugly.

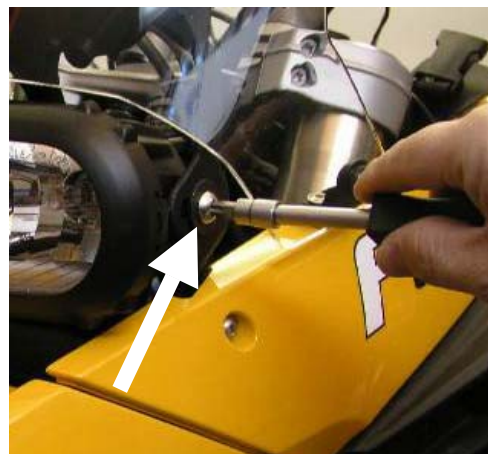


The assembled brackets fit either side of the motorcycle. There's no left or right.



Work on one side of the motorcycle at a time. Be careful not to move the headlight assembly as you're installing the brackets, because that will affect the aiming point of your headlight.

Remove one of the screws that holds the headlight housing.



Fit the one of the assembled brackets over the black headlight housing. Align the oblong screw hole in the small bracket, with the hole for the screw that tightens the headlight (the one you just removed).

The rear of the small bracket will fit tightly around the rear of headlight mounting frame. The oblong hole of the small bracket will match the oblong hole of the headlight

mounting frame. This oblong hole allows you to adjust the aim of the headlight.

Replace the headlight screw, with the original washer, and tighten the screw snugly. Wiggle the bracket to make sure it's secure.



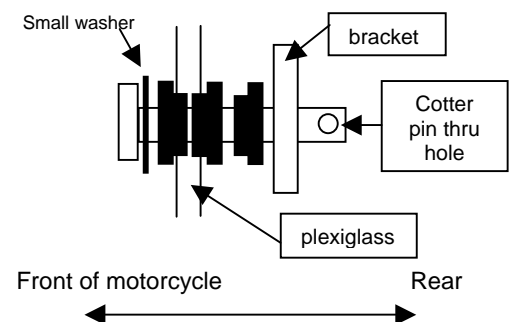
Note that the heads of the 5mm screws will be in contact with the rounded headlight mounting frame. These points of contact help to keep the brackets from rotating downward due to vibration.

Repeat the bracket installation on the other side of the motorcycle. From the front, eyeball the two brackets and align them with each other. Adjust as needed.

Fit the rubber light seal to the top of the plexiglass shield. The seal goes on the upper curved surface. See page 2 (center column) for more details about installing the rubber seal. The flap will be projecting toward the rear.



Put a flat washer on a clevis pin, followed by a rubber grommet. Place the pin thru the plexiglass shield (from the front), and follow with a second rubber washer, reversed. Put a 3rd grommet on the pin as shown. Repeat at all 4 holes.



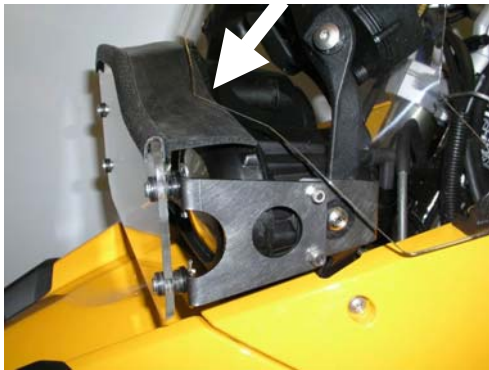
Place the plexiglass shield (with pins) onto the brackets. Adjust the brackets if necessary so the pins fit the holes. Compress the grommets and fit the cotter pins thru the holes on the ends of the clevis pins.



The finished project will look like this:



Slip the rubber seal between the headlight and the windscreen.



To remove the LightGuard for cleaning, pull the cotter pins and remove the shield. To reinstall, follow the procedures above.

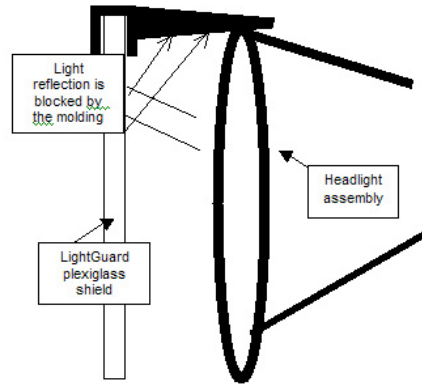
Clean and care for your LightGuard in the same fashion as you do your windshield.

Use plenty of soapy water to dissolve bugs and grit before you wipe the surface. Don't rub or scrub, or you'll scratch the plexiglass. Don't use a dry cloth or paper towels.

Use only cleaners approved for plexiglass and plastic. We like Plexus and ProtectAll.

F800GS LightGuard "Anti-Reflective" Rubber Seal

If you ride at night you'll find that the plexiglass reflects light from the headlight, back into the rider's line-of-sight. Although this is not a safety hazard, it can become a distraction. We came up with a solution to the problem by designing a rubber molding that fits on top of the plexiglass panel, and substantially reduces any reflection.



If the ends of the molding are found to be slightly irregular, they can be trimmed with a sharp pair of heavy-duty scissors or snips. If one of the internal aluminum clamping clips is exposed, it can be removed with pliers.

Pre-form the molding to the approximate profile of the top of the plexiglass. Gently bend the molding using two hands.

To apply the rubber molding, center it on the on the curved top of the LightGuard, then GENTLY press it onto the top edge of the plexiglass.

Make sure the plexiglass is fully seated in the groove. Because the molding is flexible, it will conform to the contour of the shield. The rubber flap at the rear of the molding will rest across the top of the plastic headlight assembly.

When it's necessary to clean the rubber seal, remove it by gently pulling upward. It can be reinstalled as before. If the internal clips become loose, they can be gently pinched with a pair of pliers to restore the tight fit of the molding onto the shield.

Safety Warnings

It is the responsibility of the Consumer to evaluate the suitability of these products for personal use. Consumers must evaluate whether these products meet their needs and whether these products can be mounted and used in a safe fashion. The Consumer accepts full and complete responsibility for selection of products and for mounting and maintenance of these products. The Consumer agrees to follow and abide by all instructions, warnings, recommendations, or other information supplied or published by BestRest Products.

It is the Consumer's responsibility to inspect all screws, fasteners and fittings on a daily basis, tighten or replace them as necessary, and to regularly inspect the entire BestRest LightGuard and mounting hardware for signs of missing parts, excessive wear, metal fatigue, or imminent failure. Should any of these be observed the assembly should be removed from the motorcycle and not used until inspected and repaired by BestRest.

BestRest Products, its employees, agents, and owners assume no liability whatsoever for property damage, personal injury or other losses resulting from the Purchaser's failure to properly maintain the products, for unauthorized modifications of any kind, for use of unauthorized parts (including bushings, screws, pins, or other fasteners), or for use of any BestRest Product in a fashion not intended by BestRest or described as a suggested application in BestRest literature.

Because installation of these products is done by others outside our control, we cannot assume any liability or responsibility whatsoever for improper or unsafe installation, or installation which is contrary to published instructions, for products that are improperly secured or maintained, or that are improperly tightened or otherwise secured, or which are otherwise improperly fitted to the motorcycle.

Authorized Repairs and Parts

Only authorized, and approved replacement parts, assemblies, nuts, washers, screws, fasteners or fittings may be used when mounting, installing, or repairing any BestRest Product. Authorized replacement parts may be purchased only from BestRest Products. Parts from other sources or vendors are not covered under warranty and will void any Consumer claims against BestRest or others. Any use, modifications, or applications of any BestRest Product, other than those authorized by us in writing, are specifically prohibited.

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