

## F800GS Rear Rack & CargoRest FitKit Also fits F650GS Twin

This RearRack & CargoRest FitKit allow you to carry large bulky loads weighing up to 30 lbs. Use care not to overload system or you may experience handling problems and place extra stress on the motorcycle frame.

The RearRack serves 3 purposes:

1. It can be used as a small day-trip rack
2. It can be used as a CargoRest FitKit
3. It can be used as a BackRest FitKit

Thank you for purchasing a BestRest product. 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

### Requirements for installation:

The stock BMW tail piece must be in place on the motorcycle.

### Tools needed for installation:

Torx hex wrench to remove BMW screws  
8 mm box wrench  
5 mm hex wrench  
3mm hex wrench  
Loctite Blue (semi-permanent thread compound)

### Your parts package should contain:

1 – RearRack aluminum plate  
2 – 8 x 60 mm button head screws  
2 – 8 x 50 mm button head screws  
14 – large washers  
2 – short aluminum bushings  
2 – long aluminum bushings  
9 – nylon spacers  
9 – 5 x 25 mm button head screws  
9 – 5 mm nylon locknuts  
18 – small washers

\*\*Some of these parts will be left over when you're done, unless a CargoRest or a BackRest is installed.

## 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. We recommend using a semi-permanent (blue Loctite or similar) thread locking compound on all screws and nuts.

Remove the 4 bolts at the rear assembly.



Place the short aluminum bushings into the recesses of the passenger grab rail. Place the long aluminum bushings in the two holes at the rear.



Place the RearRack over these bushings, and fit the two 8x50 screws (with a large washer) into the two front holes, and two 8x60 screws (with a large washer) into the two rear holes.



Tighten these screws snugly. Use common sense and do not over-tighten. Installation is complete, unless you're adding a CargoRest or a BackRest.

### Fitting With Panniers

Note: We've successfully fitted Metal Mule panniers with the RearRack. Other pannier systems may have different mounting setups. We cannot guarantee fitment of other pannier systems.

When fitting the RearRack and a pannier system, you must add washers to the tops of

the rear bushings to account for the thickness of the pannier mounting tabs.



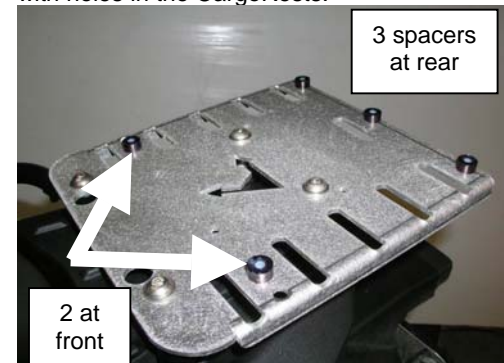
Measure the thickness of the pannier mounting tabs. Combine a series of large washers to approximate this dimension. Stack these washers on top of both rear bushings. Install the RearRack over the top of the pannier tab, and over the top of these stacked washers.



### CargoRest Installation

Installation of a CargoRest is the same for all versions, the C, J, or T. To install a CargoRest, you'll be using the nylon spacers between the RearRack and the CargoRest. You **MUST** use these spacers – they cannot be discarded. To keep them in place when fitting the parts, a drop of oil on the spacer can keep it from moving when fitting the parts. Or use Scotch tape.

There's five (5) mounting points where these spacers are used. Three are across the back, and 2 are near the front where shown with the arrows. All of these holes line up with holes in the CargoRests.



These spacers act as "standoffs" so the underside of the CargoRest clears the heads of the 8mm button head screws.

Assemble the structural rails on the underside of the Model J and Model T. Instructions are in your kit. The Model C does not have any rails.

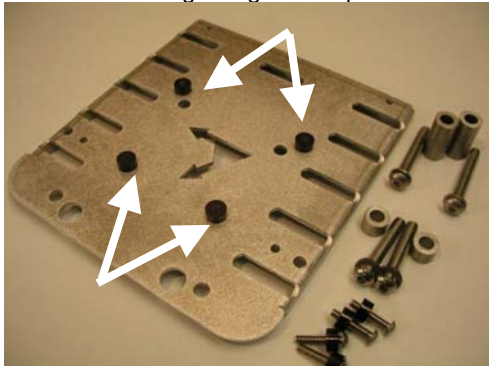
Place a small washer on five (5) of the 5mm button head screws, and fit them downward thru the corresponding holes in the CargoRest. They will pass thru the nylon spacers. Place a flat washer on the ends of the screws, followed by a nylon locknut.

Tighten all 5 screws snugly, but be careful you don't strip the heads of the screws. We've found it works best to hold the head of the screw in one place with a hex wrench, and we do all of the tightening to the nut.

Installation of the CargoRest is complete.

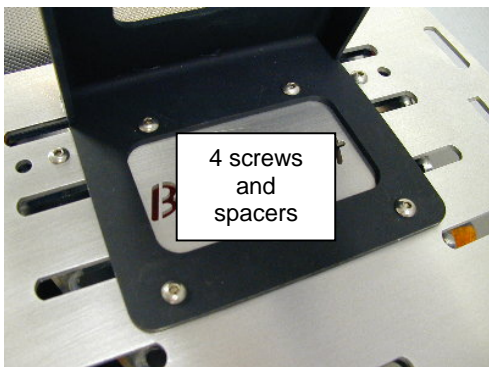
### BackRest Installation

To install a BackRest directly onto the RearRack, you'll be using the 4 small holes closest to the Angle Logo in the plate.



Fit 4 nylon spacers on these holes. Fit the BackRest onto the tops of these spacers, and drop 5mm screws thru the holes and thru the bushings. Place a washer and locknut on the ends of the screws. Tighten snugly.

To install a BackRest onto a CargoRest, you must use the 5 spacers used to mount the CargoRest to the RearRack, **PLUS** you must also add 4 spacers to the holes surrounding the Angle Logo. You'll be using all nine (9) 5mm screws and spacers for this application. There must be a spacer between the RearRack & CargoRest **AT EACH SCREW**.



Read and follow the instructions that came with your BackRest.

As part of your daily pre-ride check, always inspect the RearRack and CargoRest FitKit mounting system. Remove from service if you observe any stress points, fractures, missing or loose screws, nuts, or other indications of fatigue or failure.

### Cargo Loading Notes

Your RearRack and CargoRest is designed to handle large, bulky loads. We've successfully tested the CargoRest under the most extreme conditions with VERY heavy loads. However, because the CargoRest sits on the stock rack and frame, we must honor BMW's maximum rear cargo rack load capacity. Refer to your Owner's Manual for official loading limits.

### Refer to your BMW owner's manual for luggage loading recommendations.

Loading the CargoRest beyond BMW recommendations may void their warrantee, or may result in handling problems, or may cause handling problems, and can raise other safety issues.

### Caring for your RearRack

The finish on the RearRack is a natural aluminum with a random orbit finish. It is NOT anodized, so it will gradually develop a patina. You can paint the aluminum if desired. We chose not to have the plate anodized or painted to keep costs down.

The finish on the CargoRests and BackRests are a UV resistant powder coat polyester paint. Wash with a mild auto detergent and water. Touchup of minor blemishes may be done with black marker pen or black high quality automotive enamel. Do not use abrasives, solvents, or harsh chemicals when washing or cleaning. Do not use paste wax or other coatings that leave a whitish residue when they dry. We recommend 'Mother's Back-To-Black' or 'Protect-All' brand products to keep your CargoRest looking new.

### Structural Rails (Angles)

Models J & T CargoRests have aluminum structural rails (angles) mounted on the underside of the CargoRest deck. Do not remove these rails or the load carrying capacity will be adversely affected.

### Safety & Legal Notices

Do not proceed with product installation unless you are qualified to complete the installation in a safe fashion and as described herein. Do not use these products unless you have read all instructions and understand how these products work and what limitations, if any, they may have. 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 any and 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 CargoRest 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 warrantee 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. For full legal disclosures and a description of our warrantee, please refer to our website.

'BestRest', 'BestRest System', 'BestRest-GS', 'BestRest Products', 'BackRest', and 'CargoRest', 'BackPad', the motorcycle design and triangle logo are all trademarks of BestRest Products, LLC. The BestRest System is patented under US and international laws, 09/917,528. Please respect our Trademark, Copyright and Patent rights.

©2009 BestRest Products LLC

Revised 2-25-08 All rights reserved.