



- Back Road Equipment
Slider Rear Rack Installation
Instructions BMW 2005
-2012 R1200GS

Tools Required:

10 mm combination wrench
4 mm hex wrench
5 mm hex wrench
¼" drill bit
21/64" drill bit
electric hand drill
marking pen
Torque wrench
4 mm hex drive socket
5 mm hex drive socket
Straight edge

- Kit Contents:
 - 1 Slider Plate with cam lever
 - 4 - pucks
 - 4 – 8mm Button Head Screws
 - 4 - 1.5" diameter aluminum washer
 - 4 – M6 x 50 SS flat head screws
 - 4 – rubber washers
 - 4 - M6 nylock nuts
 - 4 - 19 mm OD x

go to backroadequipment.com for installation instructions

Do not exceed the OEMs
recommendation for weight on the
rear rack of the motorcycle!!

In order to properly locate the top box it
will be necessary to install, remove and re-
install the BRE rack, please keep this in
mind and read through the instructions
completely before starting the work.



Step 1 Install a supplied rubber washer over each of the 4 holes on the OEM rack.



Step 2 Install the supplied aluminum spacers angled side down with the short side of the spacer facing the spacer on the opposite side of the bike.

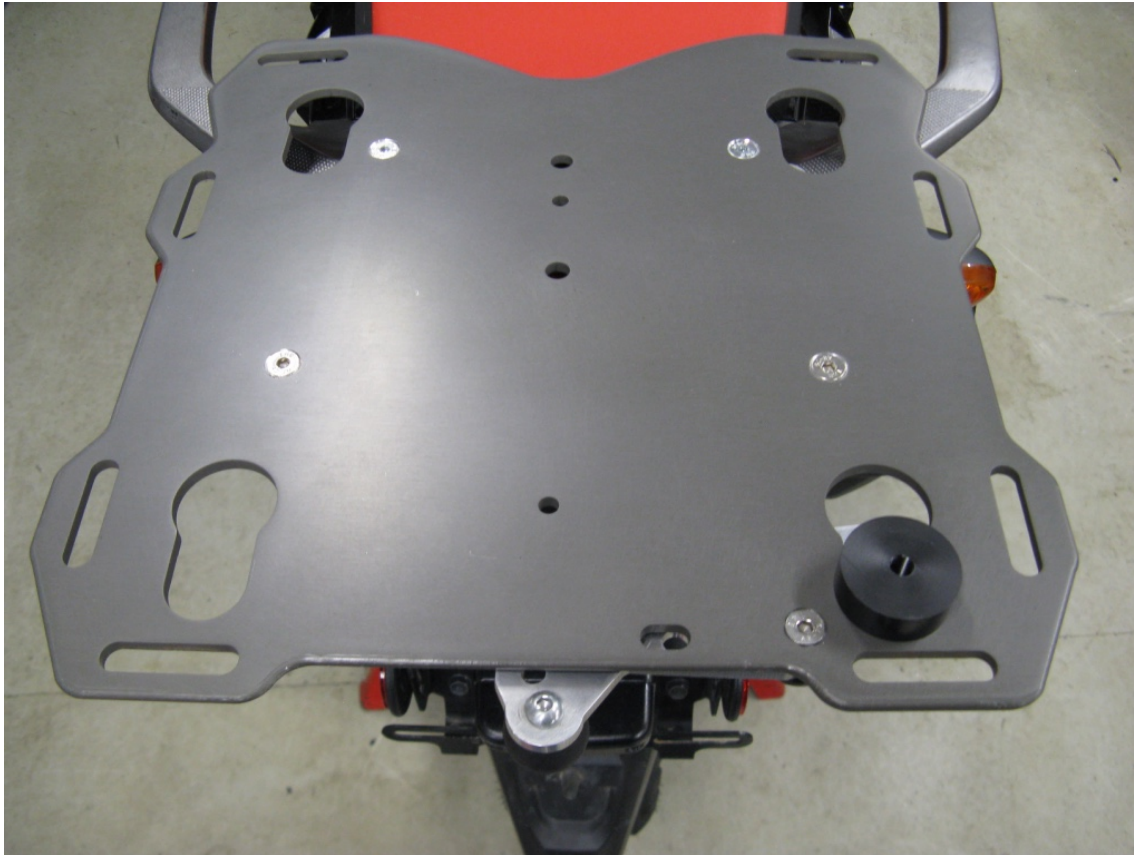


Step 3 use a straight edge to help position the spacers. The straight edge should lay flat across the 2 front spacers and the 2 rear spacers. Rotate the spacers if needed.



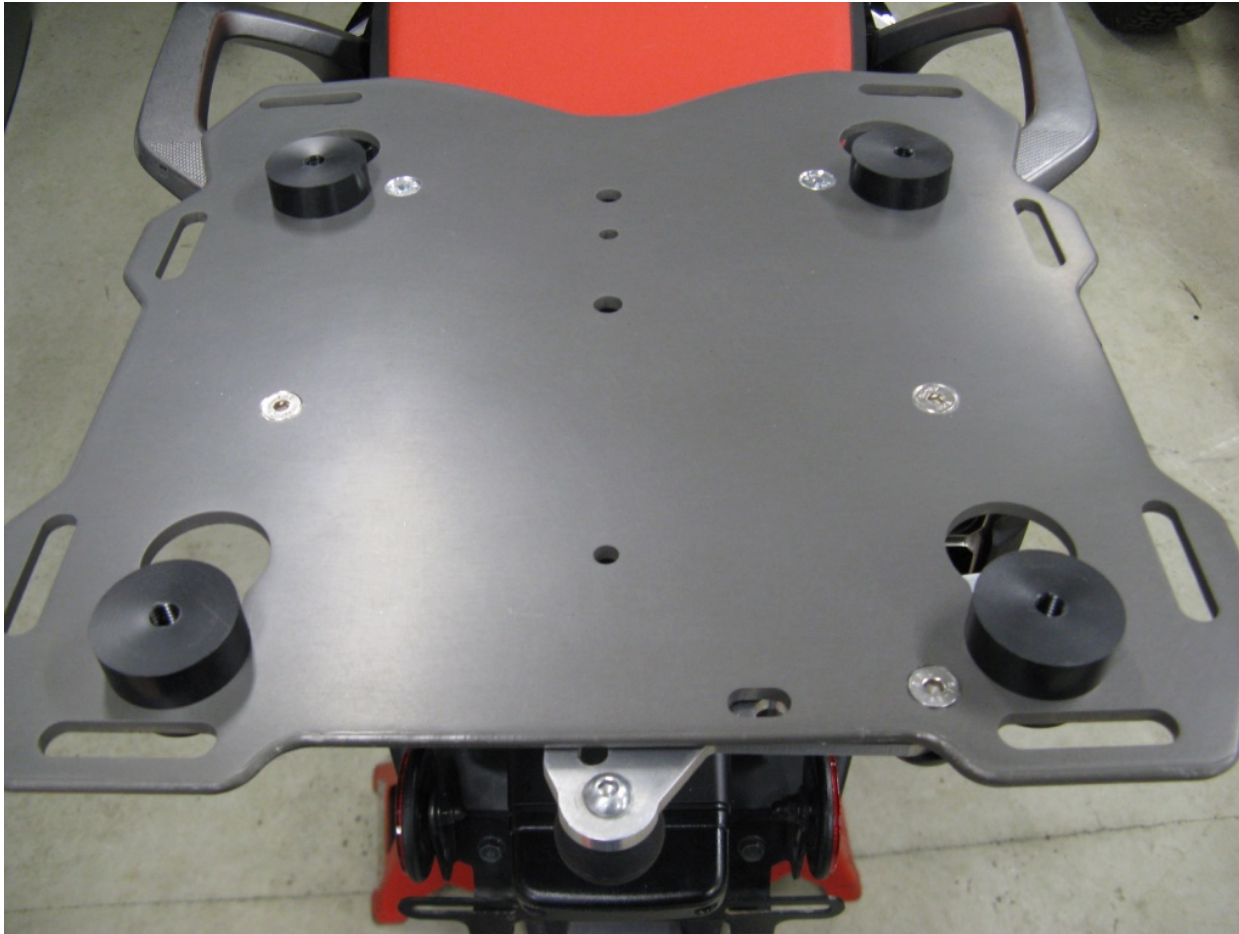
Step 4 The straight edge should also lay flat across the front and rear spacers. Rotate if needed.

Step 5 Carefully place the Slider plate on top of spacers. Insert the 4 flat head screws, install the flat washers over the screws on the bottom side of the OEM rack, install the nylock nuts. Tighten the nylock nuts.

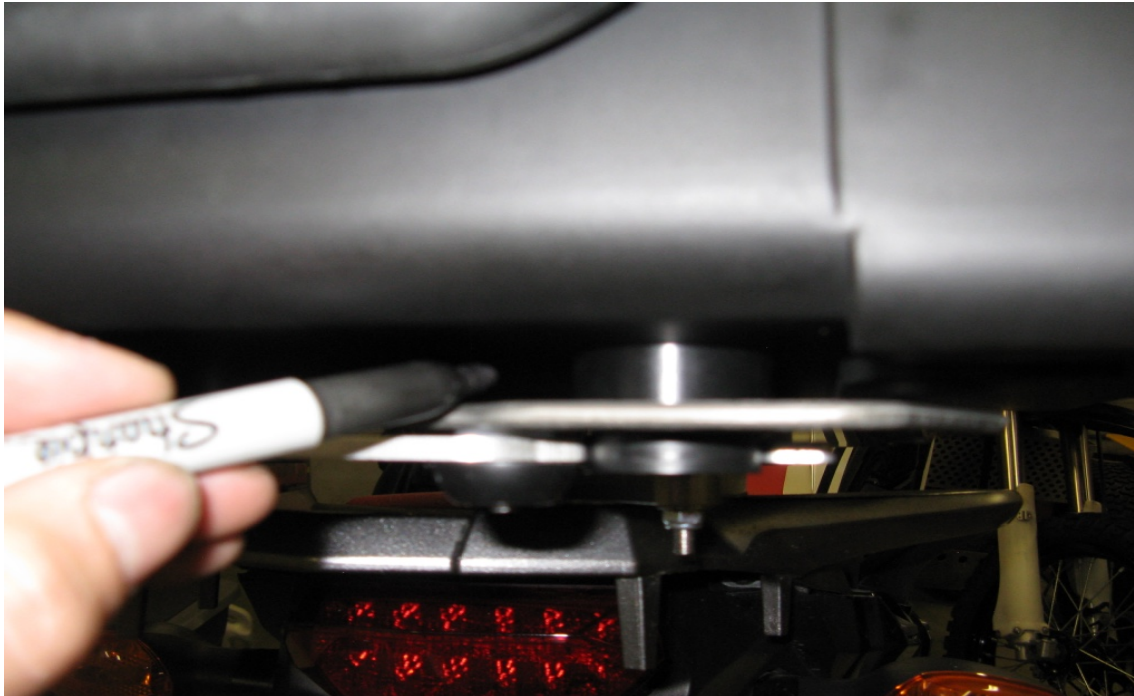


Step 6 Install one of the black plastic pucks into the key hole with the cam lever. Lock the puck into place with the cam lever. This will be referred to as the “Master Puck”

Note: Remove the large washer and screw from the puck before putting into the plate. The screws and washers are installed into the pucks for shipment as part of our QA process.



Step 7 Insert the 3 remaining pucks into the keyholes in the plate.



Step 8 Position the box on top of the pucks. Determine the for/aft location (side to side will be determined later). Position the box as far forward as possible without interfering with passenger comfort. Also consider if you will be placing any gear on the seat or if you want to be able to remove the seat with the box in place. Use a marker to mark the master puck location on the box.



Step 9 Place the box on a table or other work surface. Remove the 4 flat head screws and nuts holding the rack onto the mounting brackets.

Place the rack on top of the bottom of the box.



Step 10 Locate the puck marker on the box and align the master puck up with the mark as it was on the bike.

Adjust the box side to side and make any final adjustments to the location.



Step 11 Make certain the plate is positioned on the box where you would like it. A helping hand would be useful during the next few steps but it can be done solo.

With a $\frac{1}{4}$ " drill bit and electric drill use the master puck as a drill guide and drill a pilot hole through the box.



Step 12 Remove the rack from the box. Use the $\frac{21}{64}$ " drill bit and electric drill to enlarge the $\frac{1}{4}$ " pilot hole



Step 13 Use the 5/16" button head cap screw and 1 1/2" aluminum washer to attach the master puck to the box.



Step 14 Place the rack with the other 3 pucks onto the master puck and latch it into position. Square up the plate and box to each other (last chance).



Step 15 With the $\frac{1}{4}$ " drill bit, use the puck diagonally across from the master puck as a drill guide and drill a second pilot hole in the box.

Make sure the pucks are seated in the keyholes before drilling!!



Step 16 Remove the rack and pucks from the box. Use the 21/64" drill bit and electric drill to enlarge the second 1/4" pilot hole.

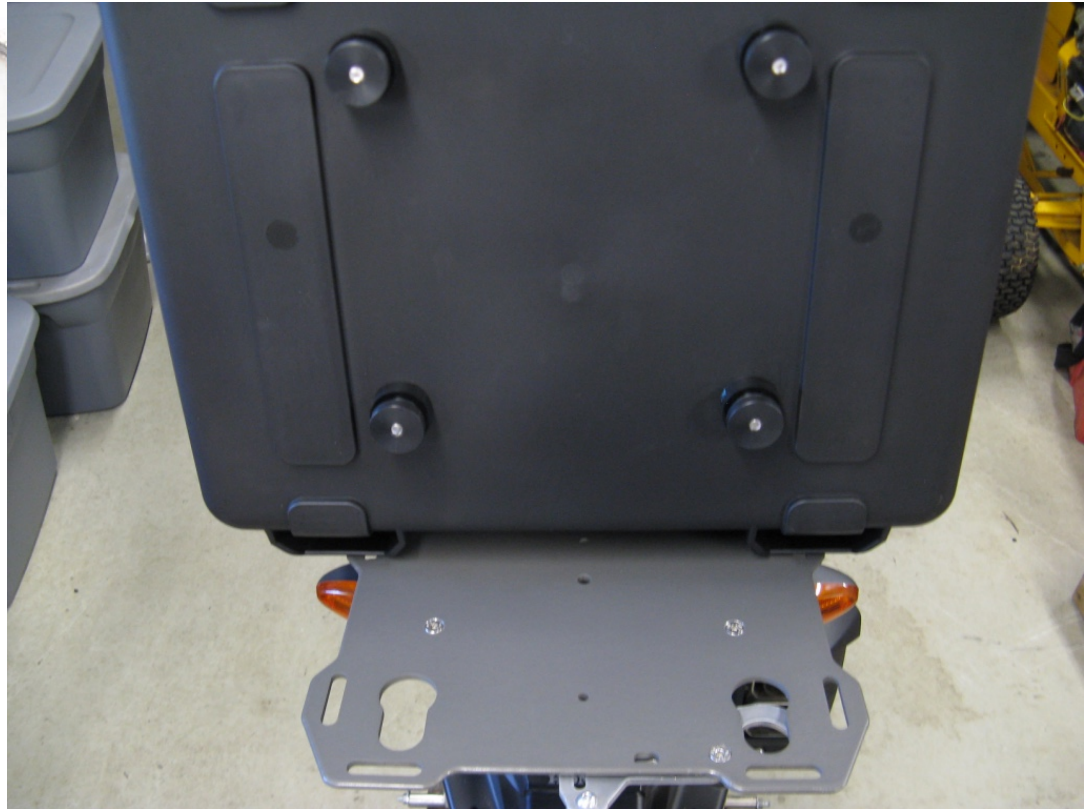


Step 17 Bolt the second puck to the box. Place the rack on the box and latch it into position. With the ¼" drill bit use the 2 remaining pucks as drill guides and drill the last 2 pilot holes.

Make sure the pucks are seated in the keyholes before drilling!!



Step 18 Remove the rack and pucks from the box. Use the 21/64" drill bit and electric drill to enlarge the last 2 1/4" pilot holes.



Step 19 Install all pucks onto the box using the 1 ½” aluminum washers and 5/16” button head cap screws.

Lightly snug the puck screws at this time, later they will be fully tightened.



Step 20 Re-install the plate on the spacers. Re-install the M6 flat head screws and lock nuts, torque to 100 inlbs.



Step 21 Install the box onto rack and latch it into place with the cam lever.



Step 22 Torque the puck screws to 108 in. lbs.



That completes the installation process. Test ride the motorcycle and then check all the fasteners for tightness. Also check the fasteners again after 1000 miles and at every oil change after that.

For security a 3/16" pad lock can be used to lock the cam lever in the closed position.

Thank You

