Back Road Equipment Slider Rear Rack Installation Instructions 2013 and newer Suzuki V-Strom

Tools Required:
10 mm socket tool
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
19 mm socket
4 mm hex drive socket
5 mm hex drive socket
#2 Phillups Screwdriver
¼" punch

- Kit Contents:
- 1 Slider Plate with cam lever
- 1 - mounting bracket
- 4 - pucks
- 4 – 8mm Button Head Screws
- 4 – 38mm diameter aluminum washer
- 2 – M8 x 20 flat head screws
- 2 – M6 x 60 flat head screws
- 2 – M8 custom hex screws
- 2 - M6 nylock nuts
- 2 - rubber dampers
- 2 – 19 mm OD stepped spacer
- 4 – M6 mm flat washer
- 1 - rubber band

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 case 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

Remove the two 8 mm screws (circled) from the OEM rack. The screws will be replaced. Leave the spacers below the screws in place, they will be used.

Step 2

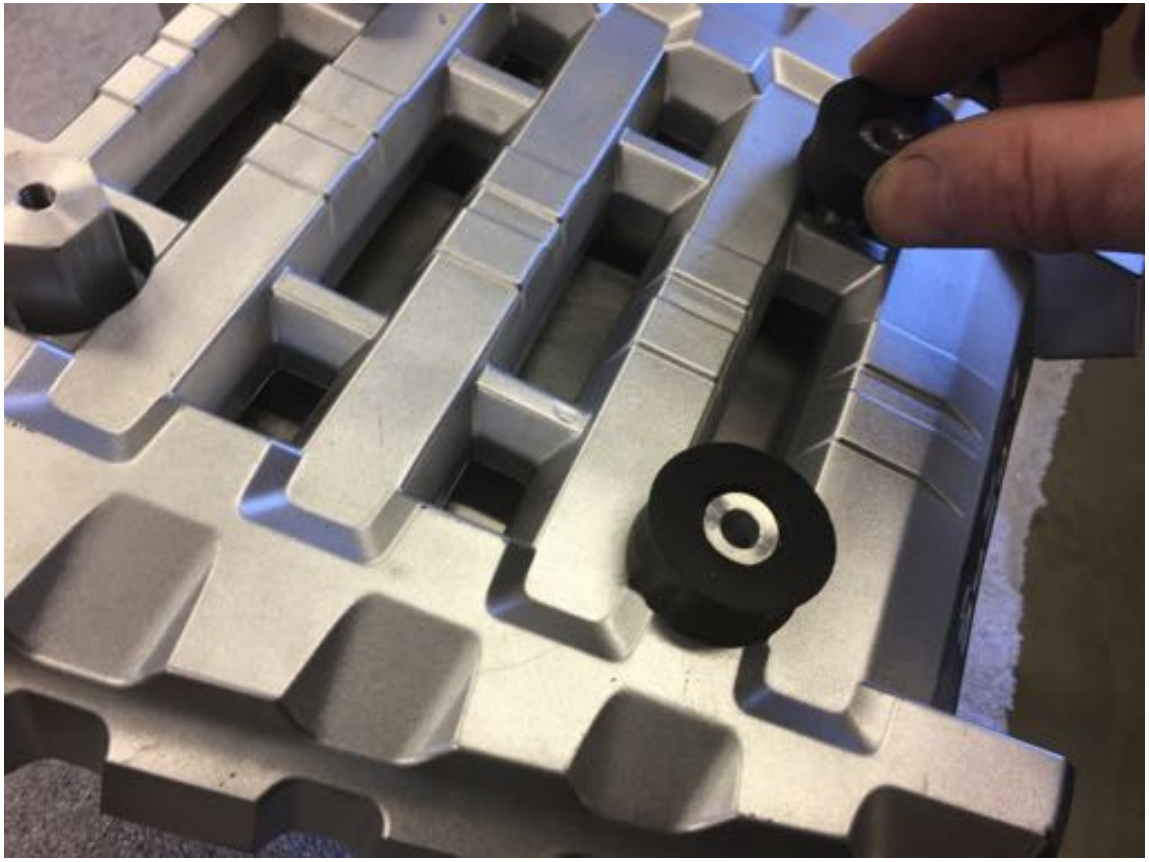
Locate the 2 stepped spacers. Insert the spacers small end first into the 2 rear most openings in the OEM rear rack as shown in the photo. Retain the spacers with a rubber band as shown.

Step 3

Insert the stainless steel bracket under the OEM rack so that the 4 holes in the rack line up with the OEM bolt holes and the stepped spacers. **Note:** the front of the bracket has larger holes and faces the front of the motorcycle and the formed edges of the bracket face upward as shown in the photo.

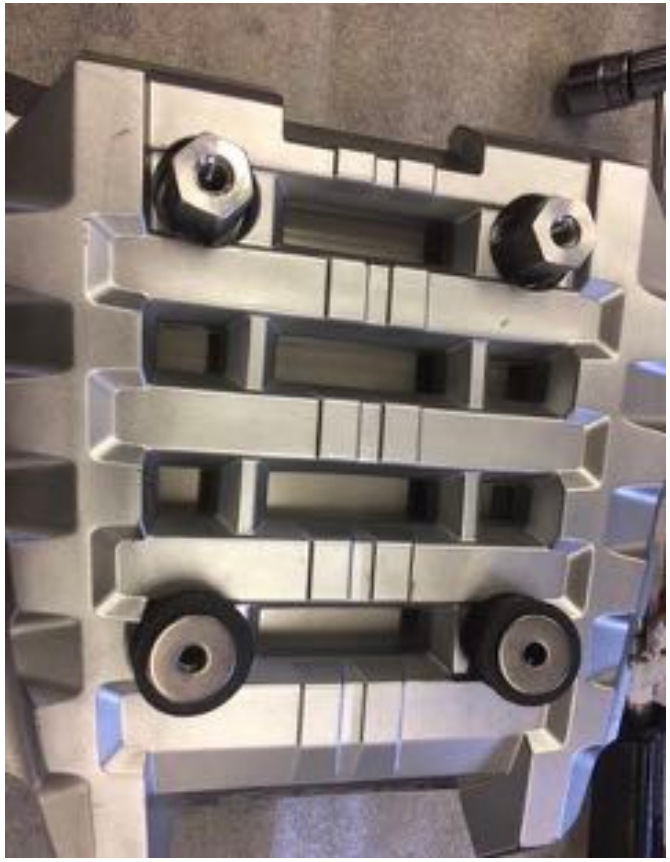
Step 4

Thread the two 8mm custom screws into the OEM rack. Leave the 8mm flat head screws in the custom aluminum screws as shown in the photo. Insert a #2 Phillips screw driver or a ¼” punch to line up the spacers and plate while tightening the custom nuts. Torque the 8mm custom nuts to 18 ftlbs.



Step 5

Remove the rubber band from the spacers. Press the rubber dampers over the stepped spacers as shown. **Note**: Liquid dish soap or other rubber lubricant will aid in pressing the dampers in place.



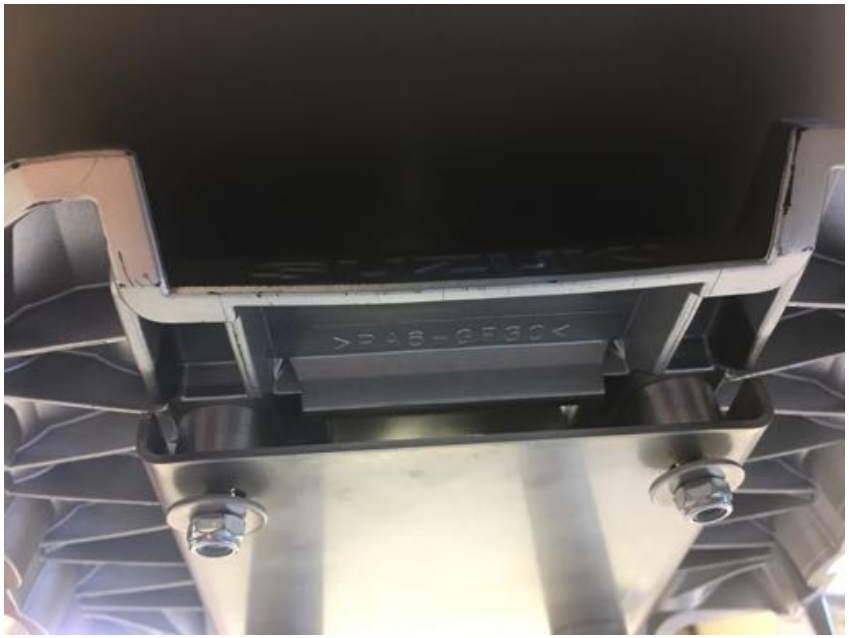
Step 6

a. Install a flat washer over each of the rubber dampers.

b. Remove the flat head screws from the front custom hex screws.

Step 7

Install the plate over the OEM rack. Line up the 4 countersunk holes with the custom screws and stepped spacers as shown. Install the two 60 mm flat head screws (long) into the rear mounting holes. Underneath install a 6 mm flat washer and 6mm lock nut on each of the 2 rear screws.



Step 8

Thread the two 8 x 20 mm flat head screws into the front holes. Tighten the front screws to 18 ftlbs then the rear screws to 9 ftlbs or 108 inlbs. Hold the nuts on the rear screws with a 10 mm wrench.

The plate is now temporally mounted on the bike. The next steps explain how to locate and mount the quick connect pucks to the top case. The motorcycle shown in some photos may not be exactly the same as your bike, but the process is the same for all bikes.

Step 9 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 10 Insert the 3 remaining pucks into the keyholes in the plate.

Step 11 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 10 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 11 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 12 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 ¼” drill bit and electric drill use the master puck as a drill guide and drill a pilot hole through the box.

Step 13 Remove the rack from the box. Use the 21/64” drill bit and electric drill to enlarge the ¼” pilot hole

Step 14 Use the 8mm button head cap screw and 38mm aluminum washer to attach the master puck to the box.

Step 15 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 16 With the ¼” 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 17 Remove the rack and pucks from the box. Use the 21/64” drill bit and electric drill to enlarge the second ¼” pilot hole.

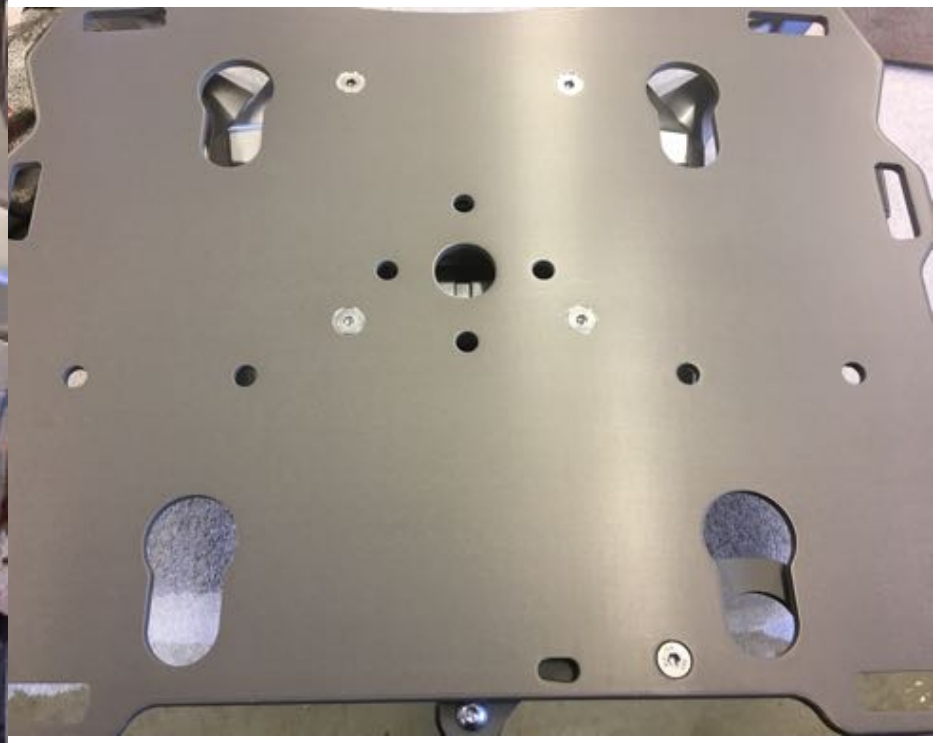
Step 18 Bolt the second puck to the box. Place the rack on the box and latch it into position. With the ¼” drill bit use the 2 remaining pucks as drill guides and drill the last 2 pilot holes.

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

Step 19 Remove the rack and pucks from the box. Use the 21/64” drill bit and electric drill to enlarge the last 2 ¼” pilot holes.

Step 20 Install all pucks onto the box using the 38mm aluminum washers and 8mm button head cap screws.

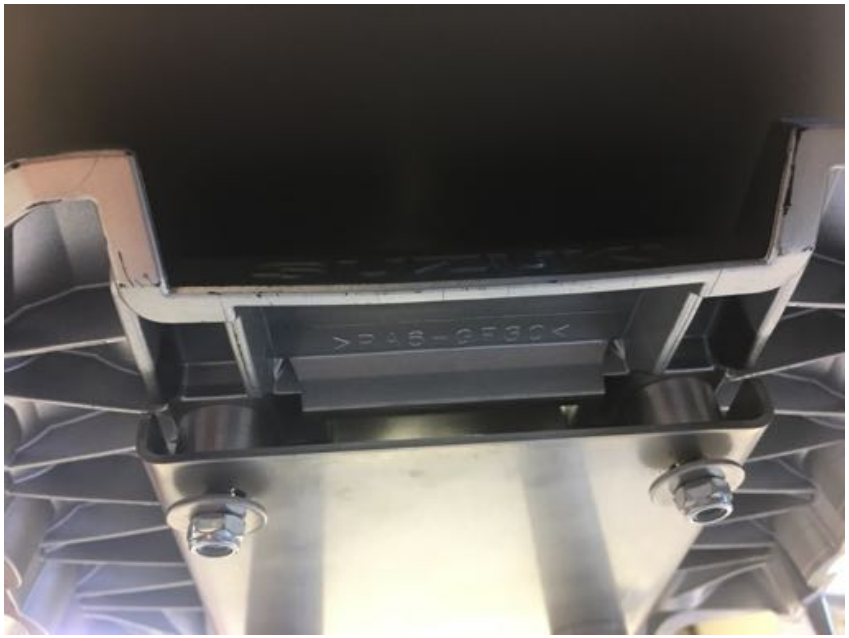
Lightly snug the puck screws at this time, later they will be fully tightened.



Step 21 Re-install the plate on the spacers and mounting brackets.

Step 22

Install the plate over the OEM rack. Line up the 4 countersunk holes with the custom screws and stepped spacers as shown. Install the two 60 mm flat head screws (long) into the rear mounting holes. Underneath install a 6 mm flat washer and 6mm lock nut on each of the 2 rear screws.



Step 23

Thread the two 8 x 20 mm flat head screws into the front holes. Tighten the front screws to 18 ftlbs then the rear screws to 9 ftlbs or 108 inlbs. Hold the nuts on the rear screws with a 10 mm wrench.

Step 24 Install the box onto rack and latch it into place with the cam lever.

Step 25 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