



• Back Road Equipment Slider Rear Rack Installation Instructions Suzuki DR650 BRE Tubes

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
6 mm hex drive socket

- Kit Contents:
- 1 Slider Plate with cam lever
- 4 - pucks
- 4 - 8mm Button Head Screws
- 4 - 38mm diameter stainless steel washer
- 1 - LH BRE tube
- 1 - RH BRE tube
- 4 - M6 x 25 Flat head screws
- 4 - M6 lock nuts
- 2 - M8 x 35 SHCS (socket head cap screw)
- 2 - M8 x 50 SHCS (socket head cap screw)
- 2 - M8 stainless steel flat washer
- 4 - aluminum 19mm OD x 10mm spacer
- 1- aluminum 22mm OD x 25mm spacer
- 1- aluminum 22mm OD x 31mm spacer

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

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

Step 1 Remove the rear turn signals from the bike.
These will be re-installed on the BRE tubes.

Step 2 Remove rear grab handles from the bike.
These will not be used with the Slider rack.



Step 3 Install RH turn signal on RH BRE tube as shown using the OEM nut.

Note: Apply “blue” 242 Loctite or equivalent to the M8 35 & 50mm SHCS

Step 4 Install RH BRE tube as shown. M8 x 35 SHCS (socket head cap screw) is used in front hole, hand thread only at this time.

Step 5 Locate 22mm OD x 25mm spacer, install between RH BRE tube and subframe of bike with M8 x 50 SHCS and M8 flat washer (see photo), hand thread only at this time.



Step 6 Install LH turn signal on LH BRE tube as shown.

Note: Apply “blue” 242 Loctite or equivalent to the M8 35 & 50mm SHCS

Step 7 Install LH BRE tube as shown. M8 x 35 SHCS (socket head cap screw) is used in front hole, hand thread only at this time.

Step 8 Locate 25mm x 31mm spacer, install between LH BRE tube and subframe of bike with M8 x 50 SHCS and M8 flat washer(see photo), hand thread only at this time.



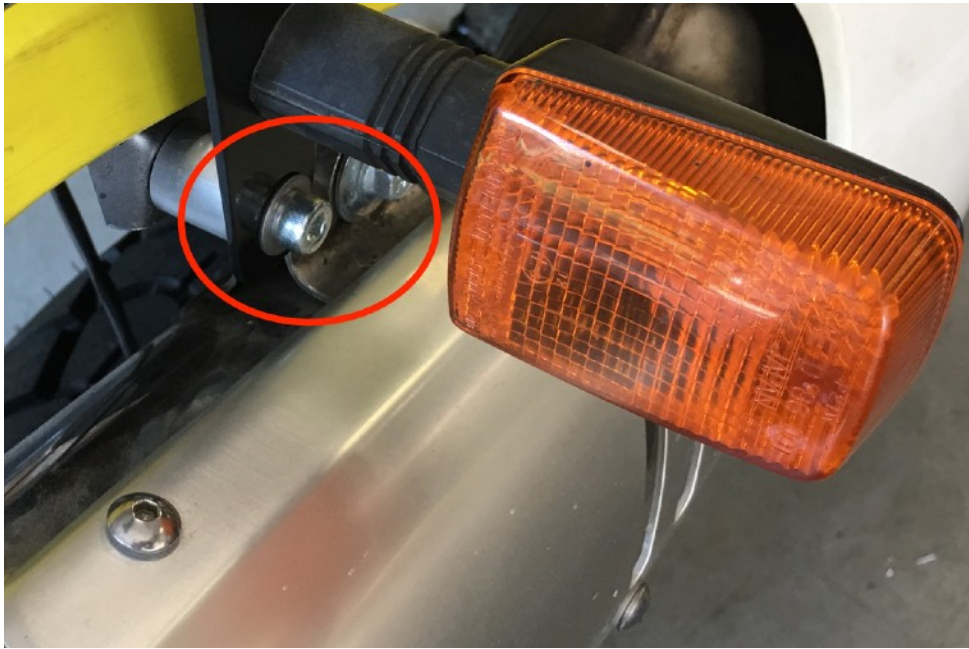
Step 9 Locate the four 19mm OD x 11mm tall aluminum spacers and install on top of the four tabs.



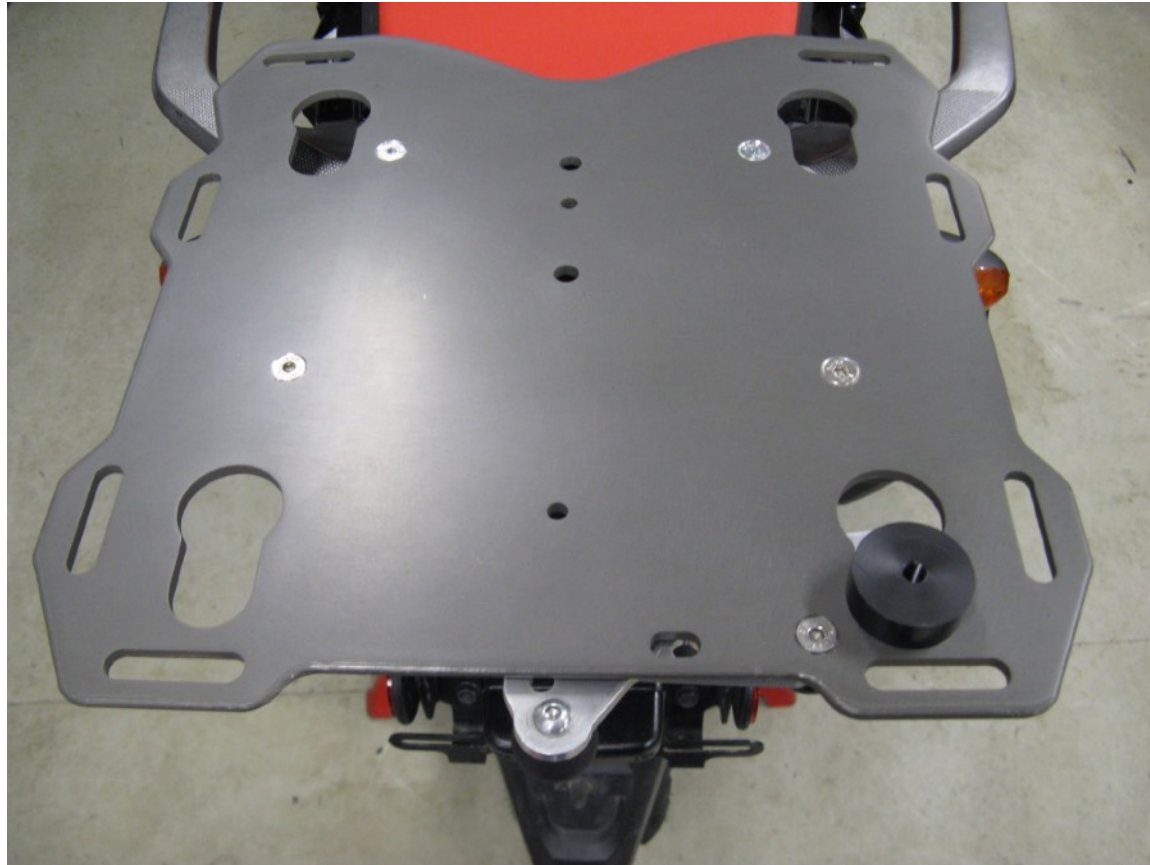
Step 10 Attach the plate using the four M6 x 25 flat head screws and M6 lock nuts. **Torque** the screws to 8ft. lbs.



Step 11 Torque the LH BRE tube screws to 18ft.lb.

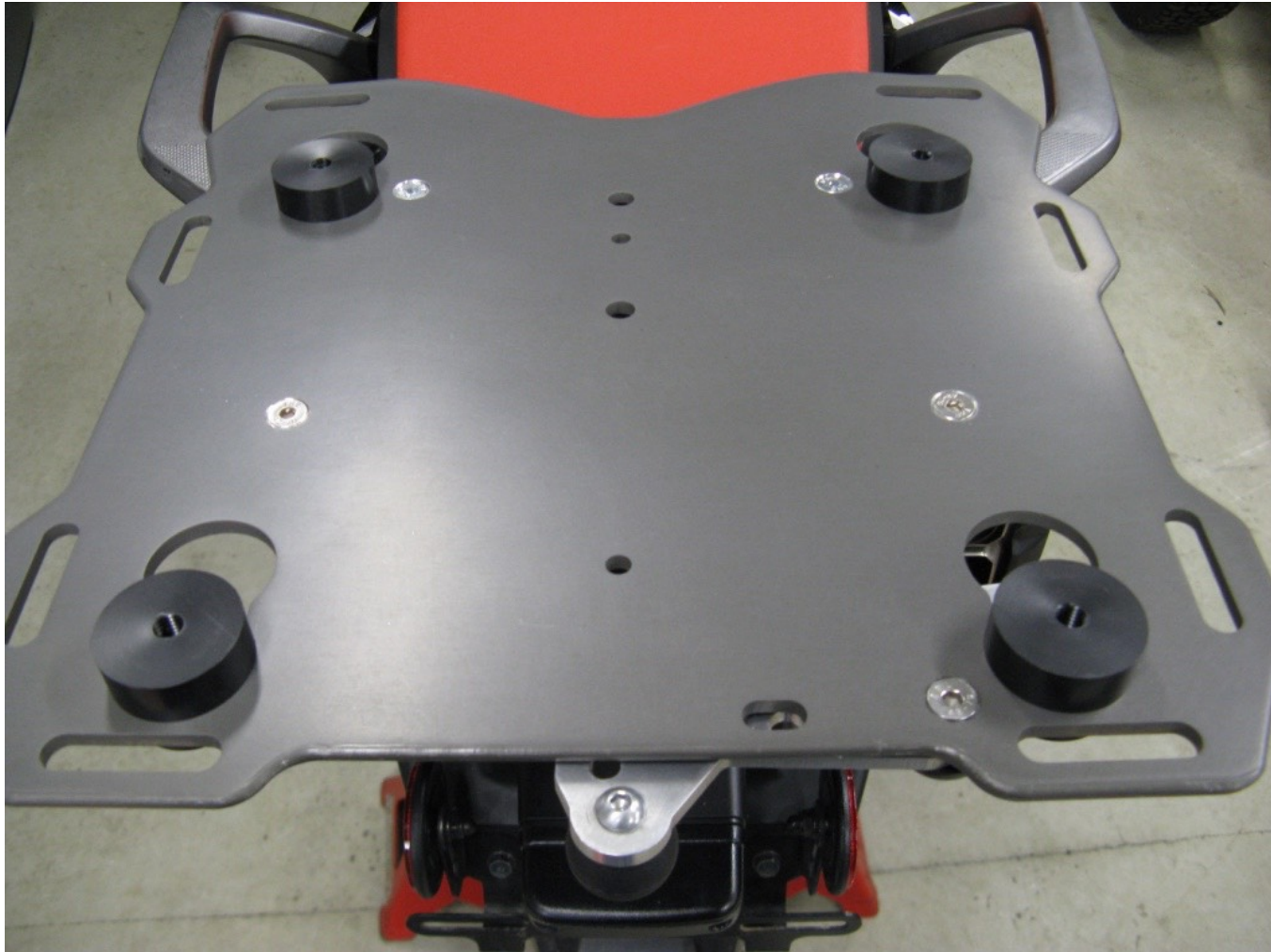


Step 12 Torque the RH BRE tube screws to 18ft.lb.



Step 13 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”

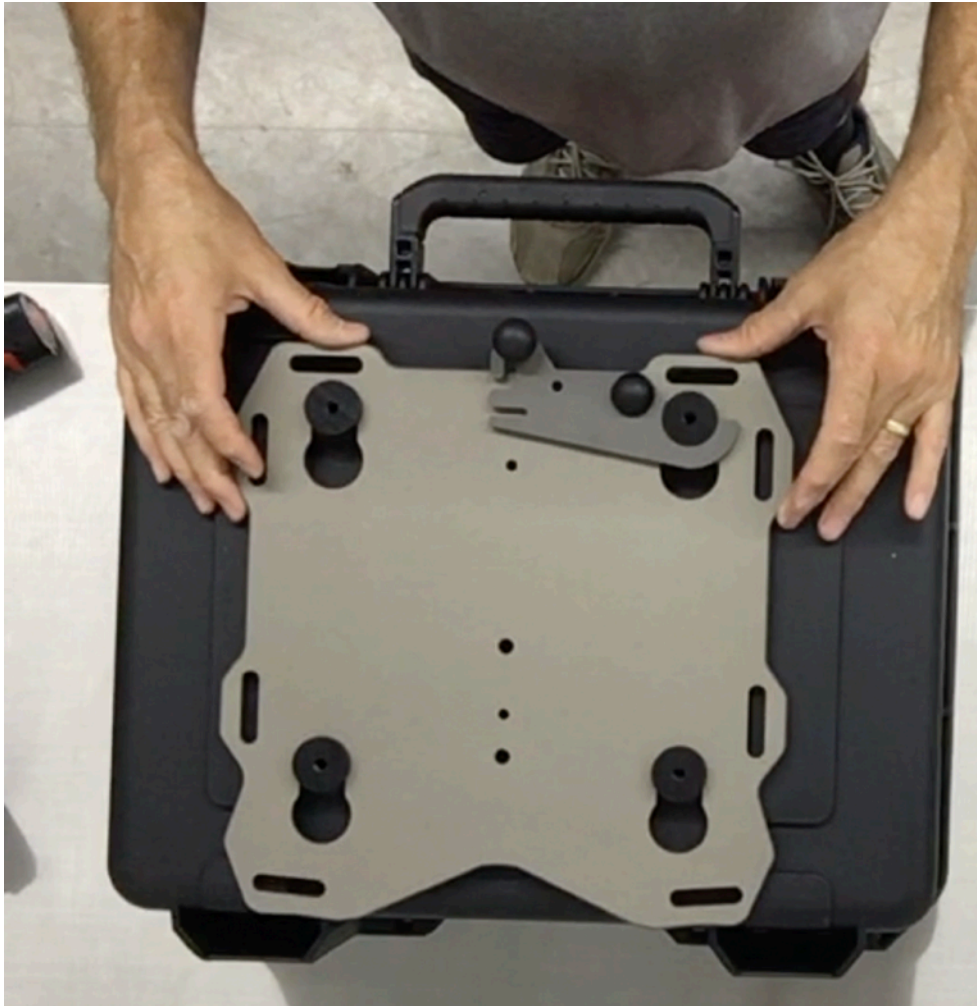
Note: Remove the large washer and screw from the puck before putting into the plate. The screws and washers are installed into the pucks for shipment as part of our QA process.



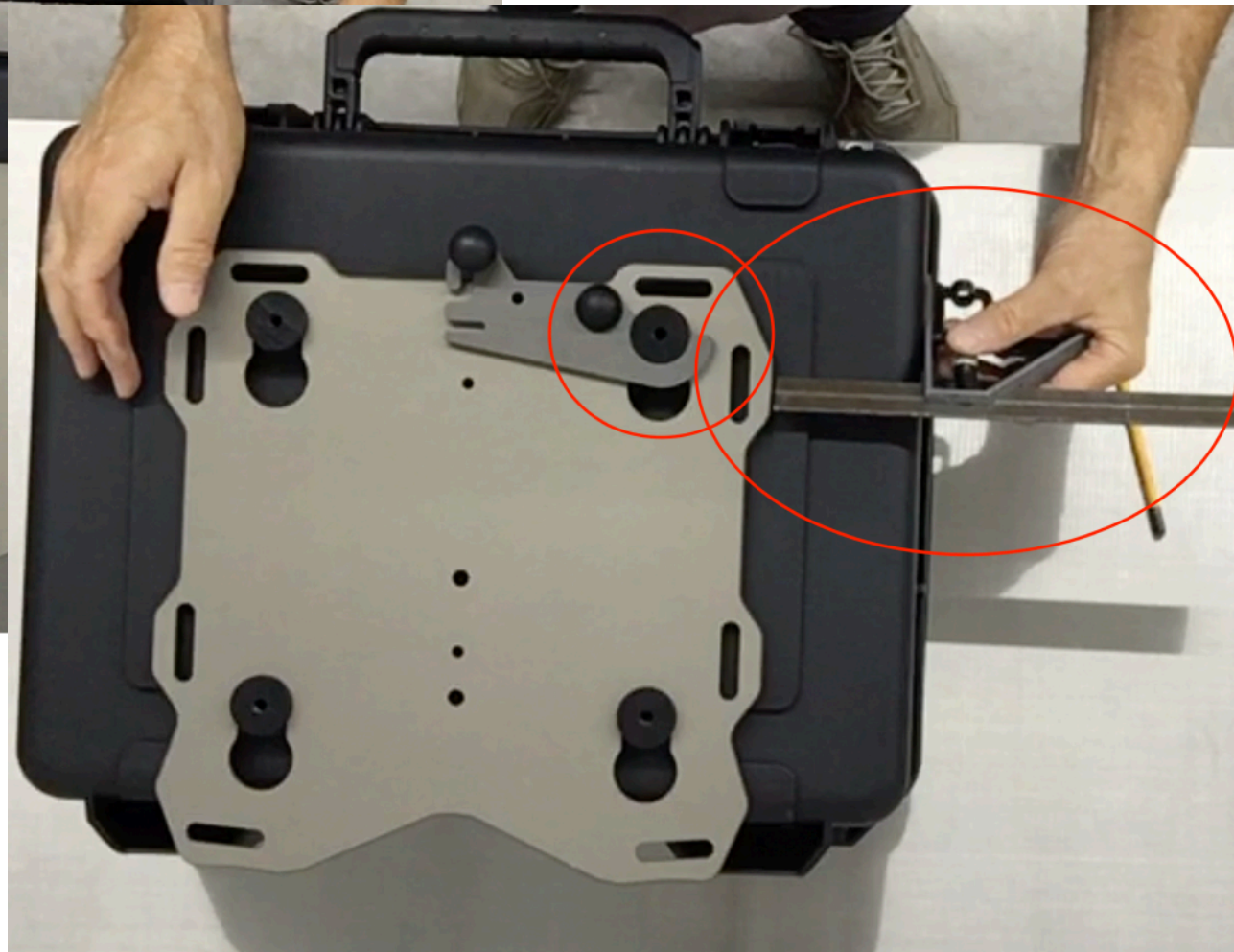
Step 14 Insert the 3 remaining pucks into the keyholes in the plate.



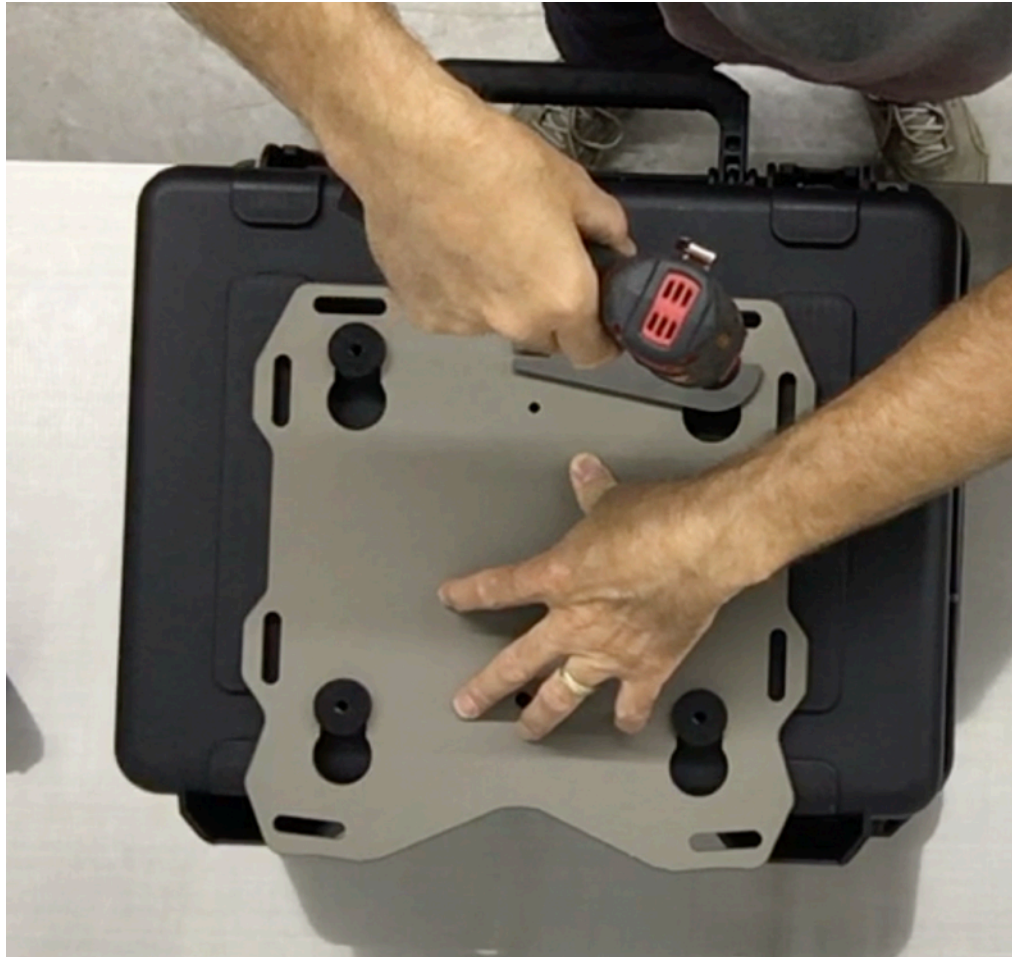
Step 15 Position the case on top of the pucks. Determine the for/aft location (side to side will be determined later). Position the box as far forward as possible without interfering with passenger comfort. Also consider if you will be placing any gear on the seat or if you want to be able to remove the seat with the box in place. Use a marker to mark the master puck location on the box.



Step 16 Place the case on a table or other work surface. Remove the 4 flat head screws and nuts holding the Slider plate onto the mounting tubes. Place the Slider plate with the pucks installed on the case.



Step 17 Locate the puck marker on the case and align the master puck with the mark as it was on the bike. Adjust the box side to side and make any final adjustments to the location.



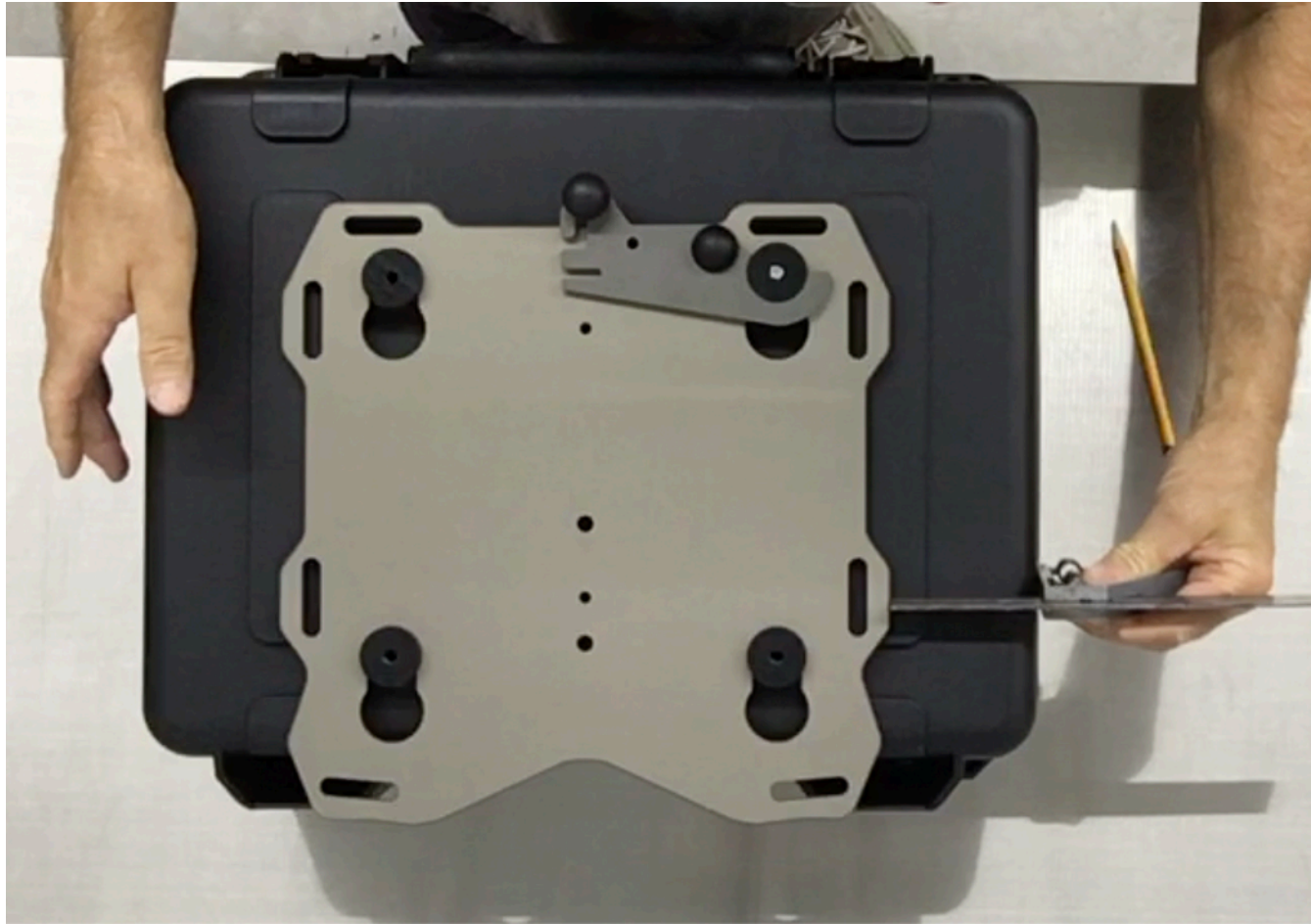
Step 18 With one hand apply downward force on the Slider plate, use your other hand to drill the case. With a ¼” drill bit and electric drill use the master puck as a drill guide and drill a pilot hole through the case.



Step 19 Remove the Slider plate from the case. Use the $21/64$ " drill bit and electric drill to enlarge the $1/4$ " pilot hole.



Step 20 Use a M8 x 38 flat washer and the M8 button head cap screw to attach the master puck to the case.



Step 21 Place the Slider plate 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).

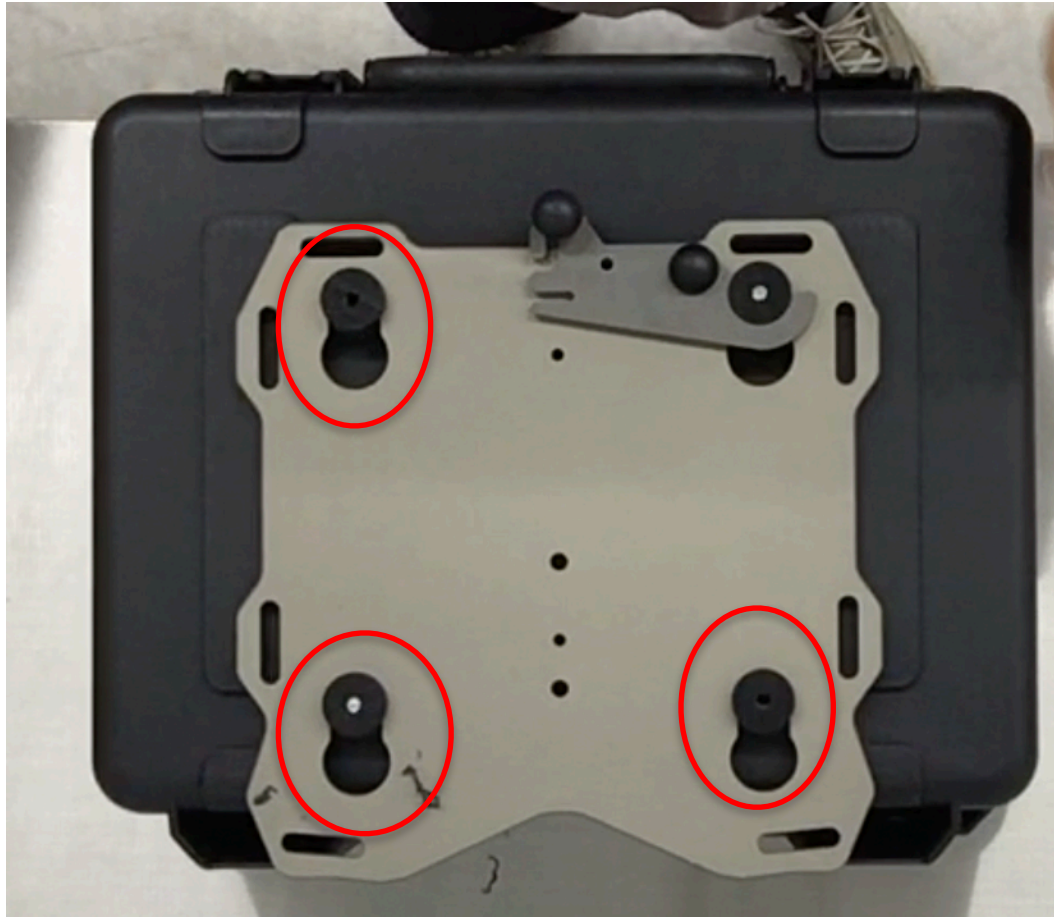


Step 22 With the ¼” drill bit, use the puck diagonally across from the master puck as a drill guide and drill a second pilot hole in the case.

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

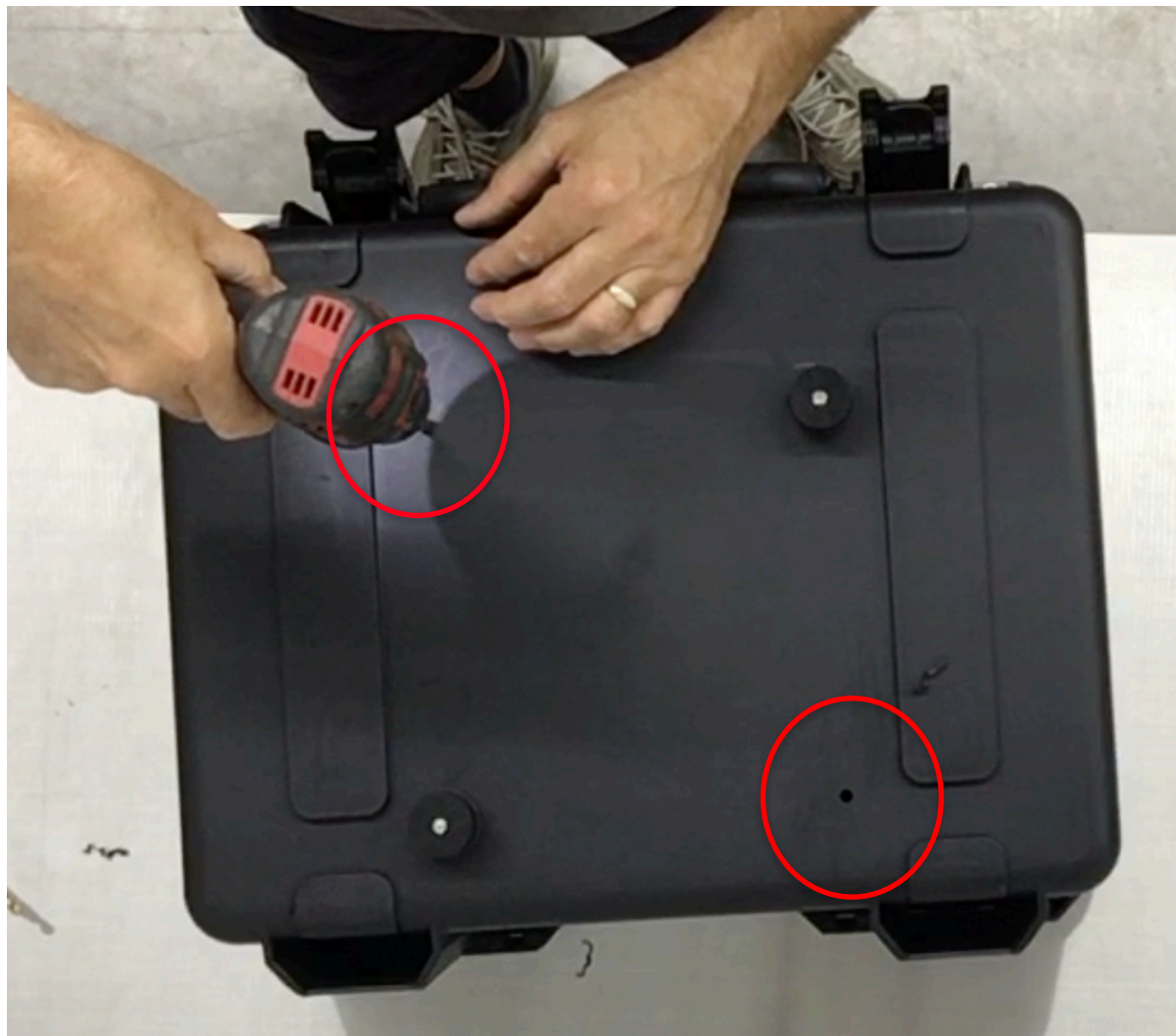


Step 23 Remove the slider plate from the case and use the 21/64” drill bit to enlarge the second 1/4” pilot hole.



Step 24 Attach the second puck to the case with the M8 hardware. Place the Slider rack on the case and latch it into position. With the 1/4" drill bit use the 2 remaining pucks as drill guides and drill the last two 1/4" holes.

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



Step 25 Remove the Slider rack and pucks from the case. Use the $21/64$ " drill bit and electric drill to enlarge the last two $1/4$ " pilot holes.



Step 26 Install all pucks onto the case using the M8 flat washers and M8 button head cap screws. Lightly snug the puck screws at this time, later they will be fully tightened.



Step 27 Re-attach the plate using the four M6 x 25 flat head screws and M6 lock nuts. **Torque** the screws to 8ft.lbs.



Step 28 Re-connect the turn signal wires.

Step 29 Test the turn signal lights to make sure they function!



Step 30 Install the case onto rack and latch it into place with the cam lever.



Step 31 Torque the puck screws to 9 ft.lb. or 12.2 Nm.



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

