

Valkyrie Carbs and Custom Engine Hanger Cover Installation

Hanger covers fit all models of the 1500 Honda Valkyrie. They are cut from mirror polished stainless steel. Stainless steel hardware is provided. We offer two configurations. Each is shaped to allow access to the petcock and seat lock.

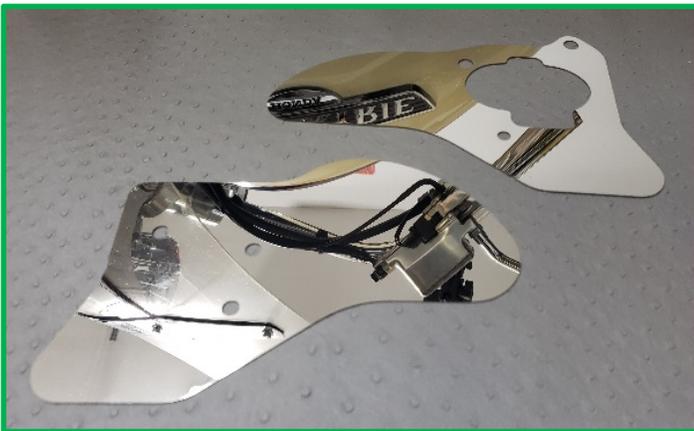
The Stock Configuration mounts around the ignition switch on the right, and around the OEM fuel selector knob (petcock lever) on the left.

The Custom Configuration is for when the OEM petcock selector knob has been removed (often due to the installation of an aftermarket petcock). It mounts around the key switch on the right, but in this configuration the left cover is solid where the OEM petcock selector knob was removed.



STOCK CONFIGURATION

Engine Hanger Covers for Valkyries with the OEM Petcock and Fuel Selector Knob Configuration.



CUSTOM CONFIGURATION

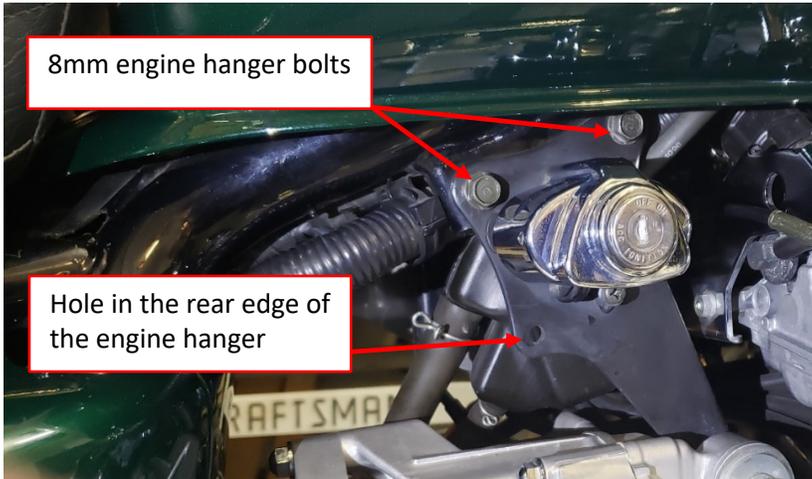
Engine Hanger Covers for Valkyries that have the OEM petcock selector knob removed.



Stainless steel mounting hardware is included.

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RIGHT SIDE ENGINE HANGER COVER INSTALLATION:



Stainless steel mounting hardware needed for Right Engine Hanger Cover installation.

1. Go to the right (brake pedal) side of the bike.
2. Remove the (2) 8mm bolts from the top of the engine hanger.
3. Position the Right Engine Hanger Cover over the ignition switch and under the edge of the gas tank.
4. Insert (2) stainless steel 8 x 20mm bolts and washers finger tight through Cover into the engine hanger.
5. Install 6 x 20mm stainless bolt and washer through Cover into hole in the rear edge of the engine hanger.
6. Attach the 6mm Nyloc nut to the back side of the 6 x 20mm stainless bolt and tighten.
7. Torque both 8 x 20mm top engine hanger bolts to 20 ft-lbs.



Completed right side installation.

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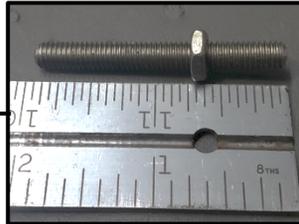
LEFT SIDE ENGINE HANGER COVER INSTALLATION:

Preassembly of the 6mm threaded studs:

1. Remove (1) of the 6mm threaded studs from hardware package.



2. On the hex drive end of the stud, install a 6mm thin nut about 5/8 to 3/4 inch onto the stud.



3. Install (1) 6mm thick nut.



4. Install (1) 6mm washer.



5. Install (1) 6mm cap nut. Adjust the thin nut, thick nut, and washer so that the cap nut is screwed all the way down onto the stud. Snug the washer, thick nut, and thin nut against the cap nut.



7. Hold the thick nut with a 10mm wrench and tighten the thin nut as a jamb nut against the thick nut.



8. Remove the cap nut and washer.

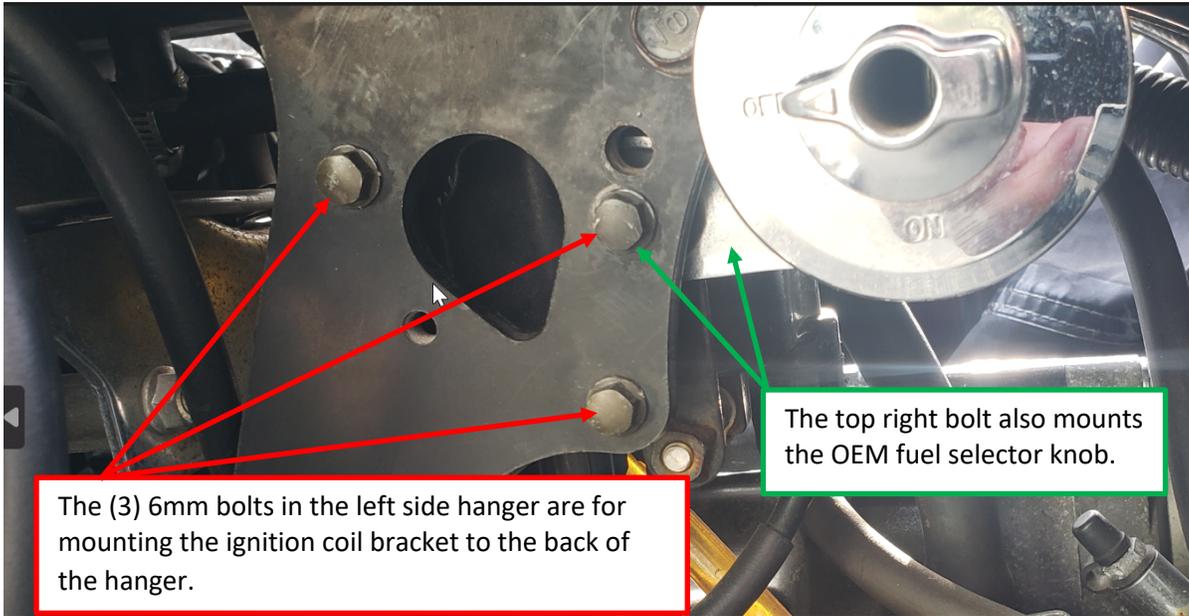


9. Repeat steps 1-9 for the other two studs.

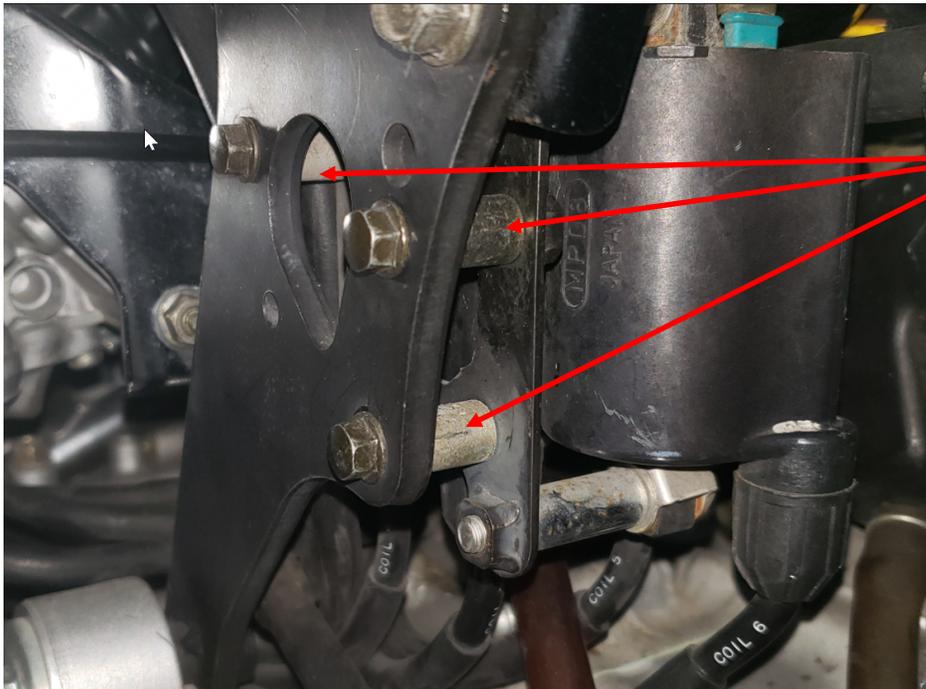
10. Set the preassembled hardware aside.

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LEFT SIDE ENGINE HANGER



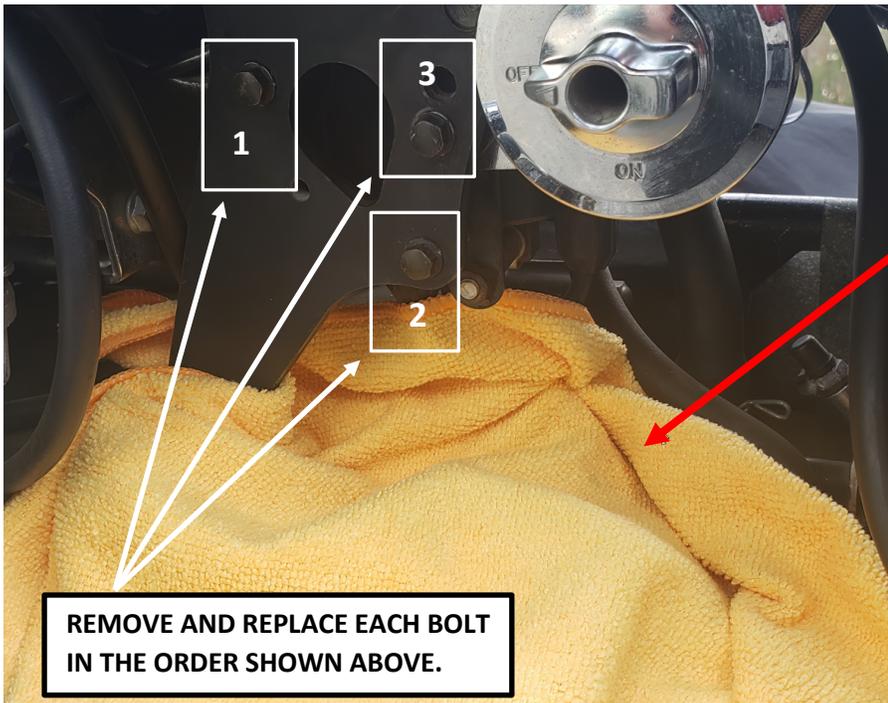
Collars shown. (The fuel selector knob was removed when installing a Pingel petcock).



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NOTE:

Place a rag under the engine hanger. It may keep a spacer from bouncing off your foot and rolling all the way to Valhalla, or falling into the abyss with all the 10mm sockets you can't find.



1. Ensure that bolts #2 & #3 are tight to help hold the #1 spacer in place while changing the #1 bolt.
2. Hold the #1 spacer and remove the #1 (top left) 6mm bolt from the engine hanger.
3. While still holding the #1 spacer, replace the #1 bolt with one of the prepared studs and tighten.
4. Hold the #2 spacer and remove the #2 (bottom right) 6mm bolt from the engine hanger.
5. While still holding the #2 spacer, replace the #2 bolt with one of the prepared studs and tighten.
6. Hold the #3 spacer & fuel select knob and remove the #3 (top right) 6mm bolt from the engine hanger.

NOTE:

- **IF** you are removing the OEM fuel selector knob (to install an aftermarket petcock) it will come out in this step when the #3 (top right) bolt is removed.
- **IF** you are removing the knob, **remove the spacer collar from the fuel selector knob** and reinsert it between the plates before installing the stud.

7. While holding the #3 spacer (or OEM fuel selector knob), replace the #3 bolt with one of the prepared studs and tighten.

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Left Side Engine Hanger with
New Mounting Studs Installed

8. Carefully position the cover over the studs in the engine hanger.
9. **IF** you are installing the Stock Configuration Engine Hanger Cover with a hole for the OEM Petcock Fuel Selector Knob, **THEN** center the Fuel Selector Knob through the hole in the Engine Hanger Cover. If not, go to step 10.
10. Install the (3) stainless steel washers and (3) 6mm acorn nuts to secure the Cover to the mounting studs.



This completes the installation.

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CARE AND CLEANING:

- Avoid the use of chrome polish or other abrasive polish or cleaners on the covers.
- Paper towels are also abrasive and will scratch the surface!
- The same products you use on your plastic windscreen work well.
- Use a microfiber cloth and a non-abrasive polish to clean them.
- I use Honda Spray Cleaner & Polish. In fact, I clean my whole bike with it!
- Some riders prefer Lemon Pledge as an affordable alternative.

Ride Safely

www.valkyriecarbsandcustom.com