

## Items Supplied >

- 1 – FRONT HEADPIPE W/ HEATSHIELD
- 1 – REAR HEADPIPE / MUFFLER W/ HEATSHIELD
- 1 – EXHAUST MOUNT BRACKET
- 2 – FOOTPEG RELOCATION BRACKET (LEFT & RIGHT)
- 5 – HOSE CLAMPS HS-24
- 2 – HOSE CLAMPS HS-28
- 1 – CLAMP, 27-61MSC
- 4 – BOLT, M8-1.25 x 25mm BUTTONHEAD
- 2 – BOLT, 5/16-18 x 5/8 HEX FLANGE
- 2 – BOLT, M10-1.25 x 30mm, HEX FLANGE
- 1 – WIRE HARNESS, O<sub>2</sub> SENSOR

## Application(s) >

YAMAHA V-STAR 1300

2007-2013

## Instruction Manual >

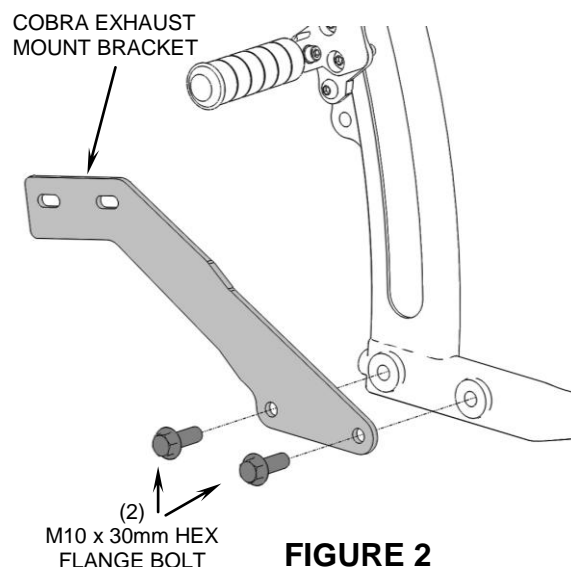
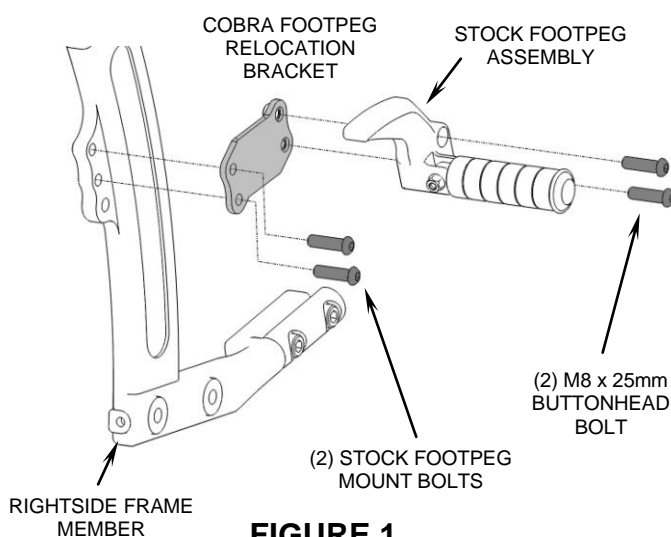
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**PRIOR TO INSTALLATION, MAKE SURE YOUR STOCK HEADPIPE GASKETS ARE IN GOOD SHAPE. IF YOU HAVE ANY DOUBTS AS TO THEIR CONDITION, REPLACE THEM.**

**Read all instructions carefully and completely before installing your new exhaust system**

1. Loosen the right rider footpeg assembly to help provide clearance for exhaust removal and installation.
2. Remove the small plastic cover located behind the rear headpipe and disconnect the O<sub>2</sub> sensor connector.  
**NOTE:** Push-in the center pin on the fastener to release plastic cover.
3. Remove the stock exhaust system and stock exhaust mount. Save the (4) acorn nuts that attach the headpipes flanges to the cylinders for later use during installation.
4. Remove the stock passenger footpeg bolts from the right side. Use the supplied footpeg relocation bracket to reposition the stock footpeg assembly. Use the stock bolts to secure the relocation bracket to frame. Mount the stock footpeg assembly to the bracket using the (2) supplied M8 x 25mm buttonhead bolts. Refer to Figure 1. Repeat on left side (optional). **NOTE:** relocation brackets will be stamped with **L** or **R** indicating their side. Tighten all bolts to factory torque specifications.
5. Install the supplied exhaust mount bracket using the (2) supplied M10 x 30 mm hex flange bolts, but **DO NOT FULLY TIGHTEN**. See Figure 2.

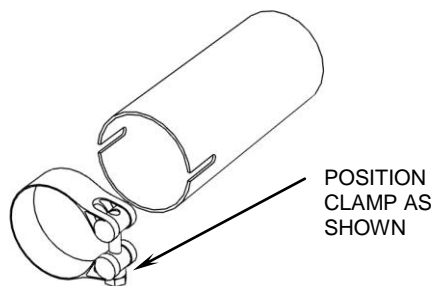


**\* Cobra® recommends you always wear a helmet while riding. Please never operate your motorcycle while under the influence of alcohol and/or drugs. Enjoy the new look of your motorcycle and please ride safely.**

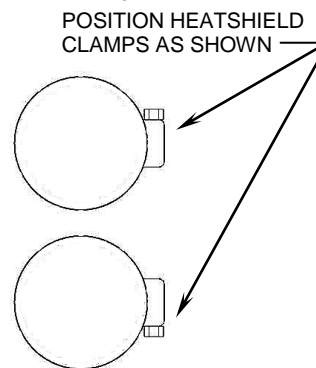
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6. Remove the O<sub>2</sub> sensor from the stock exhaust and install into the supplied front headpipe. Install front headpipe to the front cylinder using (2) stock acorn nuts from Step 3. **DO NOT TIGHTEN** at this time.
7. Place the supplied 27-61msc clamp onto the lower muffler inlet then slide the rear headpipe / muffler assembly onto the front headpipe and into the rear exhaust port. Install rear headpipe to the rear cylinder using the stock acorn nuts from Step 3, but **DO NOT TIGHTEN**. See Figure 3 for clamp orientation.
8. Bolt the muffler assembly to the exhaust mount using the supplied 5/16 bolts. **DO NOT TIGHTEN**.
9. Make sure the front headpipe is fully inserted into the rear assembly and make sure the pipes are properly aligned. Fully tighten the exhaust mount to the frame first, then the front and rear cylinder acorn nuts attaching the exhaust flanges, then the muffler to the exhaust mount. Tighten the 27-61msc clamp last. **NOTE:** If the muffler clamp is slid past the slots on the muffler inlet tube the clamp will not tighten properly.
10. Plug O<sub>2</sub> sensor connector into the supplied O<sub>2</sub> sensor harness extension and plug the opposite end into the stock harness location. Make sure the extension harness is tucked away from exhaust system. Reinstall small plastic cover and fastener. **NOTE:** push pin out, install, then push pin flush.
11. Unscrew the hose clamps and feed the tail end of the clamp through the clips on the inside of the heatshields, the larger clamps go to the rear of the heatshields where they will rest on the muffler bodies, smaller ones to the front for the headpipes. The screw end of the hose clamp should be accessible for tightening but not visible when heatshields are mounted to the pipes, see Figure 4.
12. To install the front heatshield, first slide the rear portion of the heatshield over the muffler, continue to slowly slide it forward pushing the front of the shield gently into place between the frame and motor (Hint: Spread the hose clamps apart slightly to make it easier to slide them over the muffler assembly and headpipes). Make sure the muffler clamp doesn't interfere with the heatshields and is aligned as shown in Figure 3. Snug the heatshield clamps but **DO NOT TIGHTEN**.
13. Install the rear heatshield in the same manner as the front heatshield. Tighten all hose clamps.
14. Reinstall the right side footpeg and tighten bolts to factory specifications.
15. Make sure all the hardware (brackets, headpipes, heatshields, and mufflers) has been tightened appropriately and cleaned before starting your motorcycle.



**FIGURE 3**  
(FRONT VIEW)



**FIGURE 4**  
(FRONT VIEW)

**IMPORTANT:** Cobra highly recommends using a Fi2000® Fuel Management System to help eliminate lean conditions and popping sounds. (Cobra Part# 92-1774AT or 92-1774CL for 49 state models and Part# 92-1774CL-50 for CA models.)

\* To clean your black exhaust system use a liquid based soap detergent, such as dishwashing soap applied with a soft cloth and rinse with clean water. Note: Avoid abrasive cleaning methods such as granular or dry cleansers, simple green, scotch-brite or steel wool pads. Abrasives may breach the coating and shorten life.

California does not allow the use of aftermarket exhaust systems that remove original equipment catalysts, (except for racing use only) unless the Air Resources Board has issued an Executive Order for that system.