

Items Supplied >

- 1 – FRONT HEADPIPE W/ HEATSHIELD AND FLANGE
- 1 – REAR HEADPIPE W/ HEATSHIELD
- 1 – MUFFLER ASSEMBLY
- 1 – EXHAUST MOUNT BRACKET
- 1 – BIKINI HEATSHIELD
- 1 – HEADPIPE FLANGE
- 6 – HOSE CLAMP HS-24
- 1 – HOSE CLAMP HS-28
- 2 – CLAMP, 27-61MSC
- 2 – BOLT, HEX 5/16"-18 x 5/8"
- 1 – WIRE HARNESS, O₂ 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 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 O₂ 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. Install the supplied exhaust mount bracket using the (2) stock buttonhead bolts, but **DO NOT FULLY TIGHTEN**. See Figure 1.
5. Remove the O₂ sensor from the stock exhaust and install into the supplied front headpipe. Slide the supplied headpipe flange onto the rear headpipe.

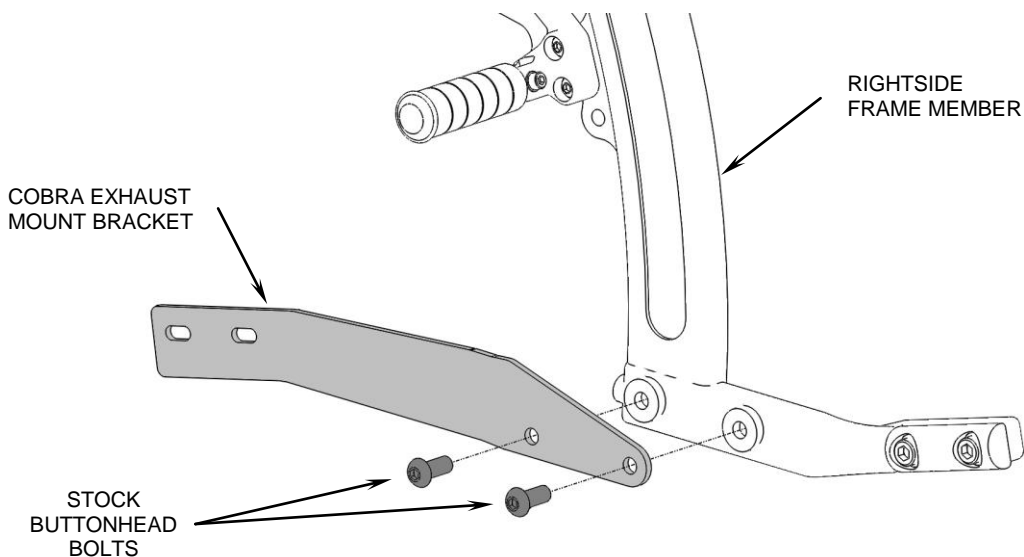


FIGURE 1

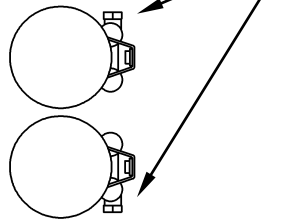
*** Cobra® recommends you always wear a helmet while riding. Please never operate your motorcycle while under the influence of alcohol and/or drugs. Enjoy the new look of your motorcycle and please ride safely.**

6. Remove the muffler assembly from the box and slide one supplied clamp #27-61MSC onto each slotted muffler inlet tube. Refer to Figure 2 for proper alignment of clamps.
7. Loosely attach the front headpipe to the cylinder using the stock acorn nuts from Step 3. Insert rear headpipe into the muffler assembly and slide the muffler assembly onto the front headpipe. Rotate rear headpipe as needed and secure to the cylinder using the stock acorn nuts from Step 3, but **DO NOT TIGHTEN**. Make sure the muffler assembly slides as far forward as possible.
8. Secure the muffler assembly to the exhaust mount bracket using the (2) supplied 5/16"-18 x 5/8" bolts but **DO NOT TIGHTEN**.
9. Align and adjust the exhaust system as needed. Fully tighten the exhaust mount to the frame first, then the front and rear cylinder acorn nuts attaching the headpipe flanges, then the muffler to the exhaust mount. Tighten the 27-61MSC clamps last. (NOTE: If the muffler clamps are slid past the slots on the muffler inlets the clamps will not tighten properly).
10. Plug O₂ sensor connector into the supplied O₂ 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 HS-24 (smaller) hose clamps and feed the tail end of the clamp through the clips on the inside of the heatshields. The screw end of the hose clamp should be accessible for tightening but not visible when the heatshields are mounted to the pipes, see Figure 3.
12. To install the front heatshield spread the hose clamps apart to make it easier to snap them over the headpipe. Snug the heatshield clamps but do not tighten. Install the rear heatshield the same way as the front heatshield.
13. Unscrew the HS-28 hose clamp and feed the tail end through the clip on the inside of the bikini heatshield. NOTE: orientate hose clamp so the hex head is towards the inside and facing the ground. Snap the bikini heatshield in place onto the muffler collar and over both headpipe heatshields. Adjust front and rear headpipe heatshields fore and aft to align properly with bikini heatshield. There should be no gap between muffler and bikini heatshield when installed, Fig. 4.
14. Tighten the hose clamps on the headpipe heatshields followed by the hose clamp for the bikini heatshield.
15. Reinstall the right side footpeg and tighten bolts to factory specifications.
16. Make sure all the hardware (brackets, headpipes, heatshields, and mufflers) has been tightened.

* **Before starting your engine remove all fingerprints from chrome with a quality wax or chrome polish. Failure to do so can cause discoloration. Due to fluctuations in fuel settings, timing, etc., Cobra Engineering does not warrant against chrome discoloration.**

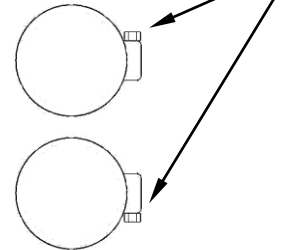
IMPORTANT: Cobra highly recommends using a Fi2000® Fuel Management System to help eliminate lean conditions and popping sounds. **(Cobra Part# 92-1774AT or 92-1774CL for 49 state models and Part# 92-1774CL-50 for CA models.)**

ORIENTATE CLAMPS AS SHOWN



FRONT VIEW
FIGURE 2

ORIENTATE CLAMPS AS SHOWN



FRONT VIEW
FIGURE 3

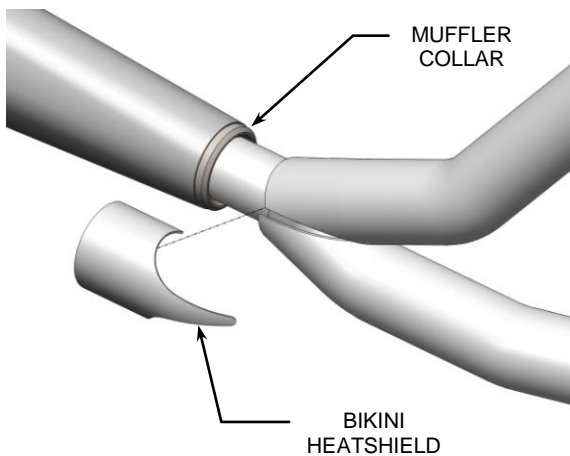
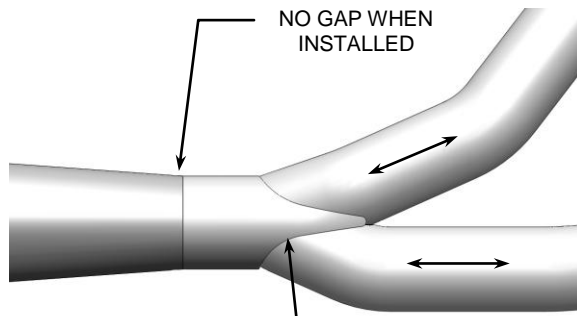


FIGURE 4



ADJUST HEATSHIELDS
FORE/AFT TO ALIGN WITH
BIKINI HEATSHIELD FOR
PROPER FITMENT

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