

## Items Supplied >

- 1 - FRONT EXHAUST ASSEMBLY W/ FLANGE
- 1 - REAR EXHAUST ASSEMBLY W/ FLANGE
- 2 - HEATSHIELDS
- 1 - EXHAUST MOUNT BRACKET
- 2 - BILLET MUFFLER TIPS
- 4 - HOSE CLAMP HS-24
- 2 - HOSE CLAMP HS-28
- 2 - HEX FLANGE BOLTS M10 X 30mm
- 4 - HEX FLANGE BOLTS 5/16" X 5/8"
- 2 - BUTTONHEAD BOLTS 1/4" X 3/8" POLISHED

## Application(s) >

YAMAHA V-STAR 950/TOURER 09-13

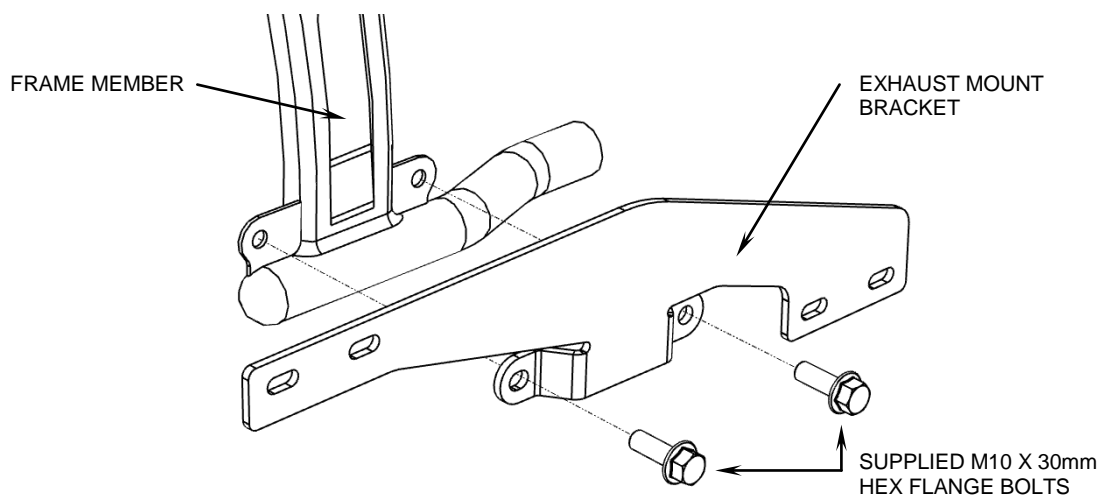
## Instruction Manual >

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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.**

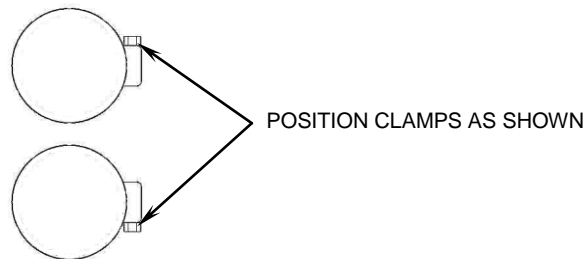
1. Loosen the right floorboard mount bolts to allow the floorboard to tilt down for easier exhaust removal and installation.
2. Remove the acorn nuts securing the stock headpipes and set aside for use in the installation. Unplug O<sub>2</sub> sensor from wiring harness. Unbolt and remove the stock exhaust mount bracket along with the stock exhaust and discard. Remove the O<sub>2</sub> sensor from stock exhaust and set aside for use later in the installation.
3. Install the Cobra supplied exhaust mount bracket to the frame using the supplied M10 x 30mm hex flange bolts, see Figure 1. **DO NOT TIGHTEN AT THIS TIME.**
4. Install the stock O<sub>2</sub> sensor into the O<sub>2</sub> sensor bung on the supplied front exhaust assembly, tighten it securely. Install the front exhaust assembly to the front cylinder using the stock acorn nuts removed in Step 2. **DO NOT TIGHTEN AT THIS TIME.** Align muffler with mounting holes in the exhaust mount bracket and insert (2) supplied 5/16" x 5/8" flange bolts but **DO NOT TIGHTEN AT THIS TIME.**



**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.**

5. Install the rear exhaust assembly to the rear cylinder using the stock acorn nuts removed in Step 2. **DO NOT TIGHTEN AT THIS TIME.** Align muffler with mounting holes in the exhaust mount bracket and insert (2) supplied 5/16" x 5/8" flange bolts but **DO NOT TIGHTEN AT THIS TIME.**
6. Make sure the front and rear exhaust assemblies are parallel to each other then tighten the following in order, exhaust bracket to the frame, headpipe flanges to the motor (slowly tighten opposing nuts), and exhaust assemblies to the exhaust bracket. Plug in O<sub>2</sub> sensor to the wiring harness.
7. On the front and rear heatshields, unscrew the remaining hose clamps and feed the tail end of the clamp through the clips on the inside. The larger clamps are to be placed at the rear of the heatshield so they clamp over the mufflers. The screw end of the hose clamps should be accessible for tightening but not visible when the heatshields are mounted to the pipes. See Figure 2.
8. 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). Snug the heatshield clamps but **DO NOT TIGHTEN.** Repeat for rear heatshield.
9. Make sure the front and rear heatshields are even on the back with each other. Install one billet tip on each heatshield. Fasten the tips with the supplied ¼-20 screws making sure they snug up against the heatshield leaving no gap between the tip and heatshield when tightened. **If it is difficult to slide the tips into the heatshields, loosen the clamps on the heatshield, failure to do this may cause damage to the chrome tips.**
10. Tighten the clamps on the heatshields.
11. Reinstall floorboard assembly with the stock bolts and tighten.
12. Make sure all the hardware (brackets, headpipes, heatshields, mufflers and baffles) have been tightened appropriately and cleaned before starting your motorcycle.



**FIGURE 2**  
FRONT VIEW

**IMPORTANT:** Cobra highly recommends using a Fi2000® Fuel Management System to help eliminate lean conditions, poor drivability or poor throttle response. (Cobra Part# 92-1775CL for 49 state models and Part# 92-1775CL-50 for CA models.)

**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.**

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.