

## Items Supplied >

2 – HEADPIPES & HEATSHIELDS  
1 – MUFFLER SET  
1 – EXHAUST MOUNT BRACKET  
2 – CHROME FLANGE  
4 – HOSE CLAMP, HS-24  
2 – HOSE CLAMP, HS-28  
2 – CLAMP, 27-61MSC  
1 – BOLT, M8 x 20mm HEX FLANGE  
1 – BOLT, M8 x 30mm HEX FLANGE  
2 – BOLT, 5/16" X 5/8" HEX FLANGE  
2 – NUT, 8mm HEX NYLOCK  
2 – WASHER, 5/16" FLAT  
1 – THICK WASHER/SPACER, 5/16"

2 – BOLT, 1/4"-20 BUTTONHEAD  
2 – CHROME BILLET TIP

## Application(s) >

SUZUKI VOLUSIA 800 01-04  
SUZUKI C50 05-08  
SUZUKI M50 05-08

## 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. Remove stock exhaust system.
2. Remove the M6 bolt from the plastic cover on the exhaust mount and set aside, and then remove the cover (see Figure 1). Remove the three M8 bolts from the stock exhaust mount and discard.
3. Install the supplied exhaust mount by inserting the longer supplied M8 bolt thru the frame's upper hole, exhaust mount, flat washer and into a supplied M8 nylock nut. Insert the shorter supplied M8 bolt thru the frame's lower hole, thick spacer, exhaust mount, flat washer and into the remaining M8 nylock nut, (See Figure 1) but **DO NOT TIGHTEN** at this time.
4. Install the front and rear headpipes onto motorcycle using the supplied flanges and stock bolts but **DO NOT TIGHTEN**.
5. Slide two supplied clamps onto each muffler and position as shown in Figure 2.
6. Slide the muffler assembly onto the headpipes. Secure the muffler assembly to the exhaust mount bracket using the supplied 5/16" bolts but **DO NOT TIGHTEN** at this time. **Note:** Position the bolts in the middle of the slots on the exhaust mount.
7. Make sure the muffler assembly is parallel to the ground then tighten the following in order; exhaust mount to the frame, muffler assembly to the exhaust mount, headpipe flanges to the motor (slowly tighten opposing nut) and muffler clamps. (NOTE: If the muffler clamps are slid to far up the muffler or past the slots, the clamps will not tighten.)
8. Unscrew the remaining hose clamps and feed the tail end of the clamp through the clips on the inside of the heatshields. Use the larger HS-28 hose clamps to clamp around muffler bodies. 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.
9. 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 clamps don't interfere with the heatshields and are aligned as shown in Figure 2. Snug the heatshield clamps but **do not tighten**.
10. Install the rear heatshield the same way as the front heatshield.

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.

**\* 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.**

11. 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 1/4-20 bolts making sure they snug up against the heatshield leaving no gap between the tip and heatshield when tighten. **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.**

12. Tighten all clamps on the heatshields.

13. Reinstall the plastic cover with the M6 bolt set aside in Step 2.

14. Make sure all hardware is tight before starting your motorcycle.

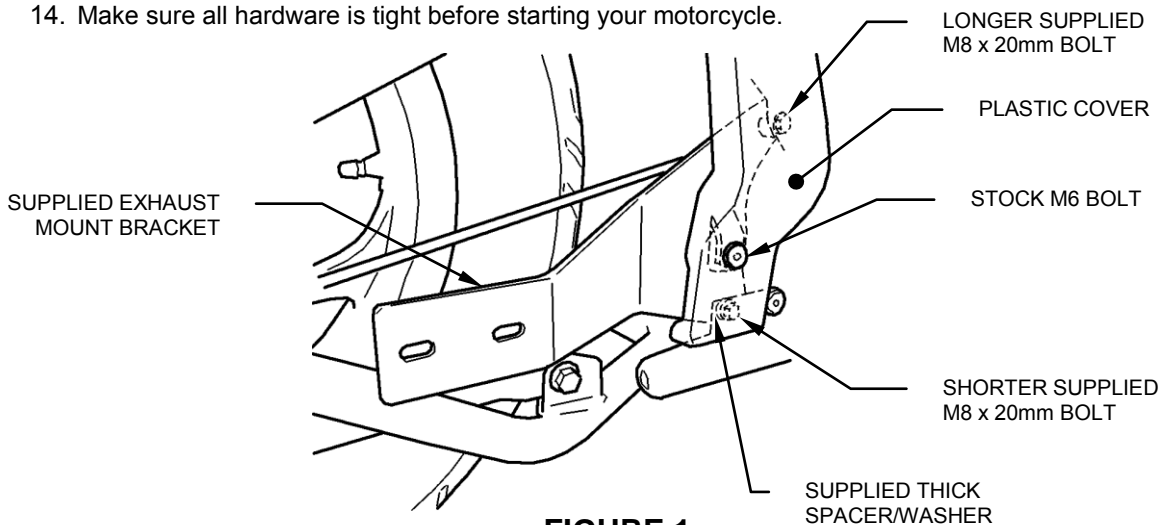
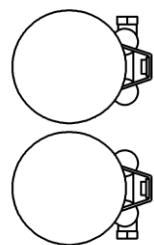


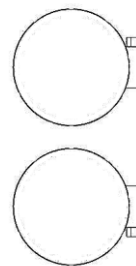
FIGURE 1



ORIENT 27-61MSC CLAMPS AS SHOWN

FIGURE 2

FRONT VIEW



ORIENT HEATSHIELD CLAMPS AS SHOWN

FIGURE 3

**IMPORTANT:** For Volusia 800 models it is recommended that you re-jet your bike with a Cobra Jet Kit, part # 92-3267.

For C50 & M50 models It is recommended that you install a Cobra Fi2000® Digital Fuel Processor with your Cobra exhaust system (part# 92-1826 and # 92-1826-50 for California models). Cobra is not responsible for the performance of any other fuel management system used with Cobra exhaust systems.

**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 injection/carburetion settings, timing, etc., Cobra Engineering does not warrant against chrome discoloration.**