

## Items Supplied >

- 1 - FRONT HEADPIPE W/ HEATSHIELD
- 1 - REAR HEADPIPE/MUFFLER ASSEMBLY W/ HEATSHIELD
- 1 - BRACKET, EXHAUST MOUNT
- 5 - CLAMP, HS-24
- 1 - CLAMP, 27-61MSC
- 2 - CORE WITH CHROME TIP
- 2 - BOLT, 5/16" X 5/8" FLANGE W/ LOCK PATCH
- 2 - BOLT, 1/4" X 1/2" BUTTON HEAD
- 2 - 1/4" FLAT WASHERS
- 2- 3/8" FLAT WASHERS
- 2- 3/8-16 NYLOCK NUTS

## Application(s) >

HARLEY:  
SPORTSTER 883/1200 86-03

**NOTE:** WILL NOT FIT BIKES WITH FORWARD CONTROL FOOTPEGS.

## Instruction Manual >

6701B

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

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

1. Apply masking tape to any surrounding parts to protect them from getting scratched.
2. Remove the stock exhaust system being careful not to damage the headpipe gaskets. If the headpipe gaskets are in good condition they do not need to be removed from the cylinders. Remove and save the flanges, nuts, and retaining rings from the stock exhaust.
3. Remove the stock exhaust mount bracket. Save the stock mounting bolts as these will be reused.
4. Install the supplied exhaust mount bracket as shown in **FIGURE 1** using the stock bolts and the supplied washers and nylock nuts. See **FIGURE 1**. Tighten the bolts to factory specifications.

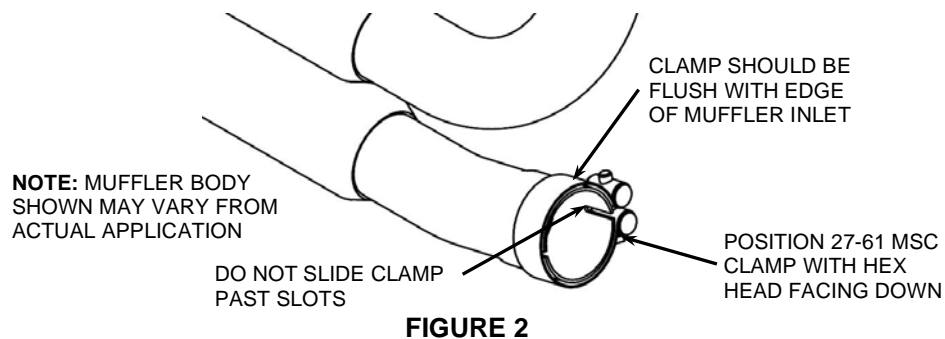


**FIGURE 1**

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**DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES.**

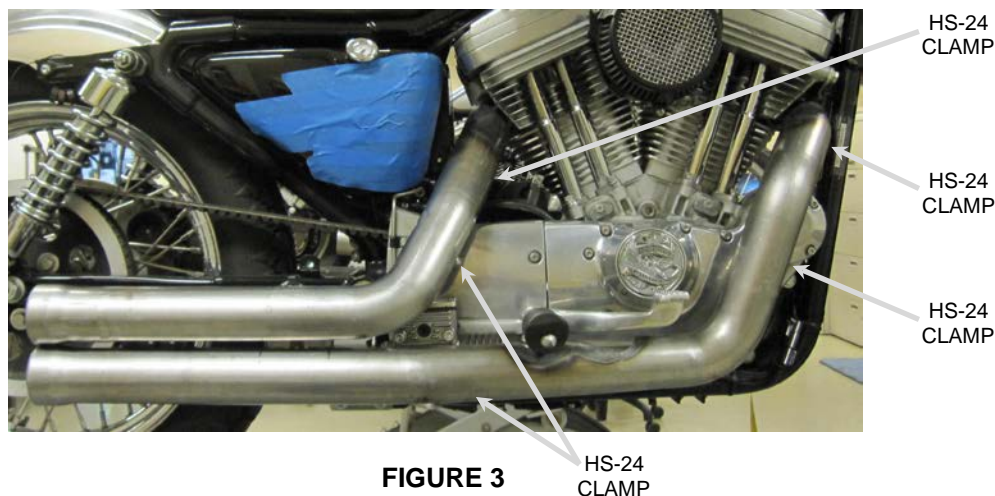
5. Unwrap the heatshields and headpipes from packaging. Remove the rear heatshield from the rear headpipe and muffler assembly.
6. Install the stock flanges and retaining rings onto the supplied front and rear headpipes.
7. Install the front headpipe (with stock gasket in place) onto the front cylinder using the stock nuts but **DO NOT TIGHTEN** at this time.
8. Position the supplied #27-61 MSC muffler clamp with hex head facing inward and down as shown in **FIGURE 2** and slide onto the rear muffler inlet tube.
9. Install the rear headpipe and muffler assembly (with stock gasket in place) onto the rear cylinder and slide on to the front headpipe. Use the stock nuts to fasten the headpipe to the cylinder but **DO NOT TIGHTEN** at this time. Make sure the front headpipe is pushed in as far as possible into the rear muffler slip. Secure the muffler assembly to the exhaust mount bracket using the (2) supplied 5/16"-18 bolts but **DO NOT TIGHTEN**.
10. Make sure the rear muffler assembly and front headpipe are straight and parallel and tighten in the following order; headpipe flanges to the cylinders (slowly tightening opposing nuts), muffler assembly to the exhaust mount and finally the muffler clamp. (NOTE: The muffler clamp should be flush with the end of the muffler inlet when tightened. See **FIGURE 2**. If the muffler clamp is slid past the slots on the muffler inlet the clamp will not tighten properly).



11. Unscrew the **HS-24** clamps and feed the tail end of the clamp through the clips on the inside of the heatshields. See **FIGURE 3** for proper positioning of the clamps on the heatshields. (NOTE: The arrows point to the positioning of the hex head of the clamps. The hex head of the clamps should be accessible for tightening but not visible when heatshields are mounted to the pipes.)
12. Install the front heatshield first. Slide the rear portion of the heatshield forward over the muffler while gently pushing the front of the heatshield into place between the frame and motor (NOTE: 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 heatshield and is aligned as shown in **FIGURE 2**. Snug the heatshield clamps but do not tighten.
13. Install the rear heatshield the same way as the front heatshield. See **FIGURE 3**.
14. Insert the cores into the muffler bodies and align the threaded hole in the core tip with the hole in the heatshield and muffler body. See **FIGURE 4**. (NOTE: If it is difficult to align the heatshield, muffler body, and core then loosen the clamps on the heatshields so the heatshields can move forward or backward.)

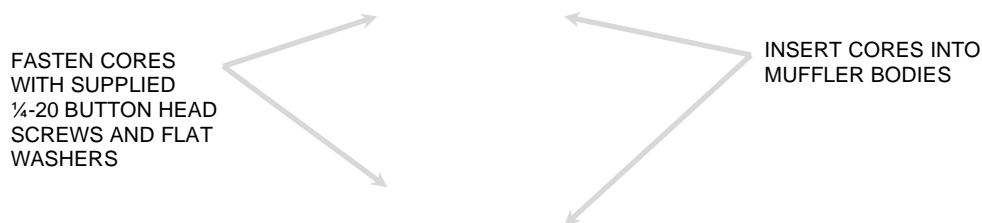
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**NOTE:** Arrows point to the position of the hex head of the clamps.



**FIGURE 3**

15. Insert the supplied 1/4-20 button head screws and 1/4" flat washers through the heatshield and muffler body into the threaded hole in the core tips and snug the screws. Do not tighten at this time. See **FIGURE 4**.



**FIGURE 4**

16. Make sure the ends of both core tips and heatshields are flush vertically with each other and tighten the clamps on the heatshields. Then tighten the screws for the core tips.
17. Make sure all the hardware (brackets, headpipes, heatshields, and tips) have been tightened appropriately.
18. **IMPORTANT:** Before starting your engine remove all fingerprints from all exhaust surfaces. 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.

**IMPORTANT:** To achieve optimum performance it is recommended that a carburetor jet kit be installed with the Cobra exhaust system.

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