

## Items Supplied >

- 1 - FRONT HEADPIPE W/ HEATSHIELD
- 1 - REAR HEADPIPE W/ HEATSHIELD
- 1 - MUFFLER ASSEMBLY
- 1 - BRACKET, EXHAUST MOUNT
- 5 - CLAMP, HS-24
- 2 - CLAMP, HS-28
- 2 - CLAMP, 27-59MSC
- 2 - BILLET MUFFLER TIPS
- 2 - BOLT, 5/16" X 5/8" FLANGE W/ LOCK PATCH
- 3 - BOLT, 3/8" X 1" ALLEN
- 2 - BOLT, 1/4" X 3/8" BUTTONHEAD

## Application(s) >

HARLEY SPORTSTER 883/1200 07-13

## Instruction Manual >

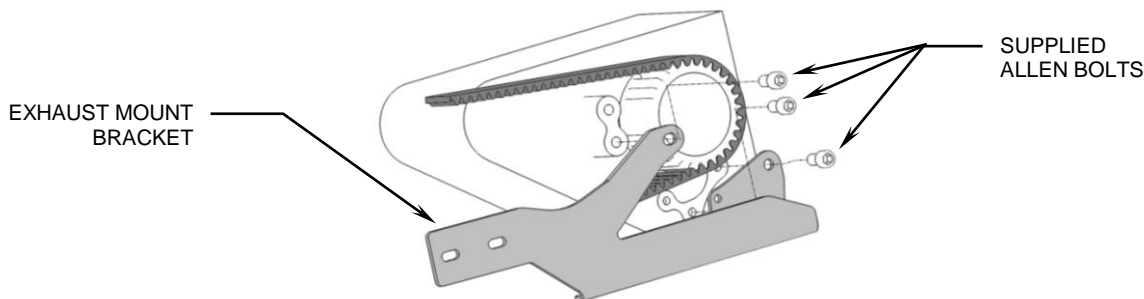
6783 / 6883

Page 1 of 2

**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. Unplug O<sub>2</sub> sensors on front and rear headpipes from motorcycle wire harnesses.
2. Remove stock exhaust system. Remove and save the flanges, nuts, gaskets, retaining rings and O<sub>2</sub> sensors from the stock exhaust.
3. Remove the sprocket cover. Remove the bracket from the sprocket cover.
4. Remove the brake rod at the rear eyelet and at the pedal, using a Torx driver.
5. Remove the stock exhaust mount bracket.
6. Reinstall brake rod eyelet at the rear only and torque to factory specifications.
7. Install the supplied exhaust mount bracket into place using the (3) supplied 3/8" allen bolts, see Figure 1. Tighten the bolts to factory specifications.



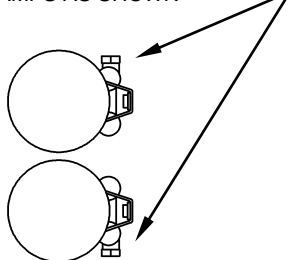
**FIGURE 1**

8. Reinstall the sprocket cover and tighten to factory specifications. Reinstall the brake rod at the pedal and torque to factory specifications.
9. Install stock flanges, retaining rings and O<sub>2</sub> sensors onto the supplied front and rear headpipes.
10. Install the front and rear headpipes (with the stock gaskets) onto the cylinders using the stock nuts but **DO NOT TIGHTEN** at this time.
11. Remove the muffler assembly from the box and slide a supplied #27-59 MSC muffler clamps onto each muffler inlet tube. Refer to Figure 2 for proper alignment.

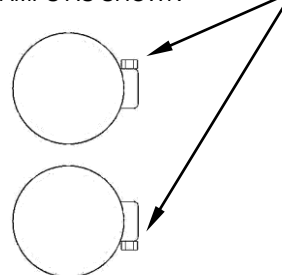
**\* Cobra® recommends you always wear a helmet while riding. Please never operate your motorcycle while under the influence of alcohol and/or drugs. Enjoy the new look of your motorcycle and please ride safely.**

13. Slide the muffler assembly onto the headpipes by tapping on the headpipes with your hand as you push the muffler forward making sure the assembly slides as far forward as possible. Secure the muffler assembly to the exhaust mount bracket using the (2) supplied 5/16"-18 bolts but **DO NOT TIGHTEN**.
14. Make sure the muffler assembly is parallel to the headpipes, then tighten the following in order; headpipe flanges to the cylinders (slowly tightening opposing nuts), muffler assembly to the exhaust mount and finally the mufflers clamps. (NOTE: If the muffler clamps are slid past the slots on the muffler inlets the clamps will not tighten properly).
15. Plug O<sub>2</sub> sensors back into motorcycle wire harnesses.
16. Unscrew the hose clamps and feed the tail end of the clamp through the clips on the inside of the heatshields, the larger clamps (HS-28) go to the rear of the heatshields where they will rest on the muffler bodies, smaller ones (HS-24) 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 3.
17. 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 head pipes.) Make sure the muffler clamps don't interfere with the heat shields and are aligned as shown in Figure 2. Snug the heatshield clamps but do not tighten.
18. Install the rear heatshield the same way as the front heatshield.
19. 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. On Speedster Slashdown exhaust applications, install one billet tip on each heatshield making sure the angled ends of the tips are parallel with each other. **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.**
20. Tighten the clamps on the heatshields.
21. Make sure all the hardware (brackets, headpipes, heatshields, and tips) has been tightened appropriately and cleaned before starting your motorcycle.

ORIENTATE CLAMPS AS SHOWN

FRONT VIEW  
**FIGURE 2**

ORIENTATE CLAMPS AS SHOWN

FRONT VIEW  
**FIGURE 3**

**IMPORTANT:** It is recommended that a Cobra Fi2000® Closed Loop Digital Fuel Processor, (Part#: 692-1620AT & 692-1620CL; CA state models use Part#: 692-1620CL-50), be installed with the Cobra exhaust system.

**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 carburetor settings, timing, etc., Cobra Engineering does not warrant against chrome discoloration.**