

Items Supplied >

- 1 - FRONT EXHAUST ASSEMBLY W/ HEATSHIELD
- 1 - REAR EXHAUST ASSEMBLY W/ HEATSHIELD
- 1 - BRACKET EXHAUST MOUNT
- 4 - CLAMP, HS-24
- 2 - CLAMP, HS-28
- 2 - BILLET MUFFLER TIPS
- 4 - BOLT, 5/16" X 5/8" FLANGE
- 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 >

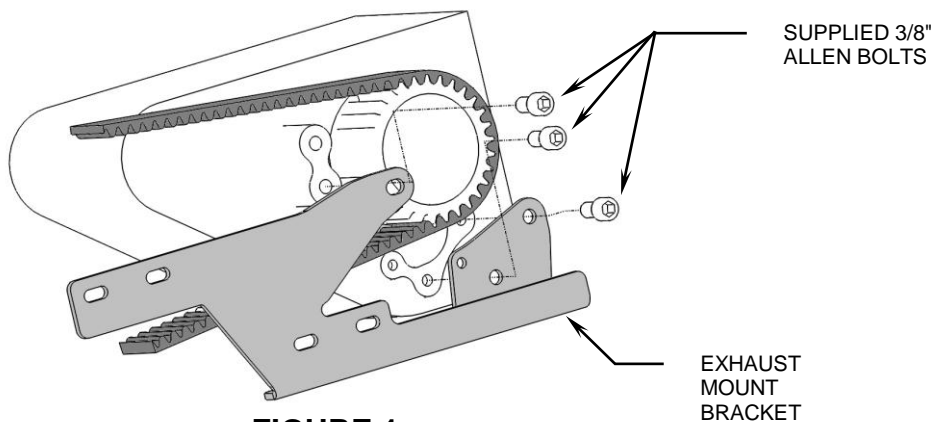
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PRIOR TO INSTALLATION, MAKE SURE YOUR STOCK HEADPIPE GASKETS ARE IN GOOD SHAPE. IF YOU HAVE ANY DOUBTS AS TO THEIR CONDITION, REPLACE THEM.

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

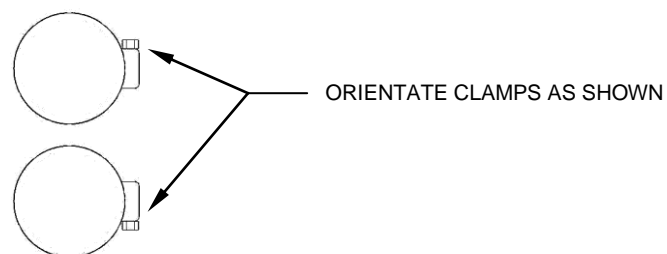
1. Unplug O₂ sensors on front and rear headpipes from motorcycle wire harnesses.
2. Remove stock exhaust system. Remove and save the stock flanges, nuts, retaining rings and O₂ sensors from the stock headpipes.
3. Remove the sprocket cover. Remove the bracket from the sprocket cover.
4. Remove the brake 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.



8. Reinstall the sprocket cover and tighten to factory specifications. Reinstall the brake rod at the pedal and torque to factory specifications.
9. Remove the Cobra front and rear exhaust assemblies from box and install stock flanges, retaining rings and O₂ sensors onto each exhaust pipe.
10. Loosen the right footpeg assembly and move out of the way for installation clearance.

*** 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. Install the front exhaust assembly onto the motor (with the stock gaskets) using the stock nuts from Step 2, but **DO NOT TIGHTEN** at this time. Secure the exhaust assembly to the exhaust mount bracket using the supplied 5/16" flange bolts but **DO NOT TIGHTEN**.
12. Install the rear exhaust assembly onto the motor (with the stock gaskets) using the stock nuts from Step 2, but **DO NOT TIGHTEN** at this time. Secure the exhaust assembly to the exhaust mount bracket using the supplied 5/16" flange bolts but **DO NOT TIGHTEN**.
13. Make sure the front and rear exhaust assemblies are parallel to each other then tighten the following in order; headpipe flanges to the motor (slowly tighten opposing nuts) followed by the 5/16" flange bolts securing the exhaust assemblies to the exhaust mount bracket.
14. Plug O₂ sensors back into motorcycle wire harnesses.
15. 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 2.
16. 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 rear of the exhaust and headpipe area.) Snug the heatshield clamps but **DO NOT TIGHTEN**.
17. Install the rear heatshield the same way as the front heatshield.
18. Install one billet tip on each heatshield making sure the ends of the tips are parallel with each other. Fasten the tips with the supplied 1/4" buttonhead 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.**
19. Tighten the clamps on the heatshields.
20. Reinstall the right side footpeg assembly and tighten the bolts to factory specifications.
21. Make sure all the hardware (brackets, headpipes, heatshields, and tips) has been tightened appropriately and cleaned before starting your motorcycle.



FRONT VIEW
FIGURE 2

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.

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.