



Items Supplied >

- 1 – FRONT EXHAUST ASSEMBLY W / HEATSHIELD
- 1 – REAR EXHAUST ASSEMBLY W / HEATSHIELD
- 1 – EXHAUST BRACKET
- 4 – HOSE CLAMPS HS-24
- 2 – HOSE CLAMPS HS-28
- 4 – BOLT, HEX 5/16-18 x 5/8
- 2 – BOLT, HEX 3/8 x 3/4"
- 2 – SCREW, BUTTON 1/4-20 x 3/8
- 1 – SCREW, S.H.C 3/8-16 x 2.50
- 1 – SCREW, S.H.C. 1/2-20 x 3.00
- 1 – SPACER, SHORT
- 1 – SPACER, LONG
- 2 – BILLET MUFFLER TIPS

Application(s) >

HARLEY:	
FXST	07-10
FXSTB	07-10
FXSTC	07-10
FXSTD	07-10
FLSTF	07-10
FLSTN	07-10
FLSTSC	07-10
FLSTC	07-10

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. Remove stock exhaust system. On FLSTC, FLSTN, FLSTF, and FXSTSC, remove the right floorboard. Remove the two floorboard mounting bracket bolts leaving the third in place but loosen and rotate mount down out of the way, (See Figure 1.) This will make installation of exhaust and heatshields possible.
2. On models FLSTN, FLSTF, and FXSTD, remove the stock upper mounting bar.
3. Using a #50 Torx driver, remove the three mounting bolts, and set the mounting bar aside. (Two of the bolts are visible; removing the right hand passenger foot peg will allow access to the third bolt.) Replace the foot peg using the 3/8"-16 x 2-1/2" bolt and the supplied 3/4" long spacer.
4. Bolts and spacers used in Step #3 may also be used on all Softail models to space the right rear foot peg away from the exhaust system if you so desire.
5. Remove the flanges, retaining rings and O₂ sensors from the stock headpipes.
6. Place the exhaust mount bracket on the motorcycle and bolt into place using the supplied 3/8" bolts. (See Figure 2.)
7. Remove the front and rear headpipes from box and install stock flanges, retaining rings and O₂ sensors onto pipes.
8. Install the front and rear exhaust assemblies on the motorcycle using the stock flange nuts but **do not tighten**. Make sure the pipes are parallel with each other.
9. Secure the mufflers to the exhaust mount bracket using the supplied 5/16-18 bolts but **do not tighten**.
10. Make sure the exhaust assembly is parallel to the ground, then tighten the following in order, exhaust bracket to the motor, headpipe flanges to the motor (slowly tighten opposing nuts) and muffler assembly to the exhaust mount bracket. Plug O₂ sensors back into motorcycle wire harness.
11. Unscrew the remaining hose clamps and feed the tail end of the clamp through the clips on the inside of the heatshields. The screw end of the hose clamp should be accessible for tightening but not visible when the heatshields are mounted to the pipes.

DISCLAIMER: NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLE. THE SALE, USE, OR INSTALLATION OF THIS PRODUCT MAY ALSO BE ILLEGAL NATIONWIDE UNDER THE FEDERAL CLEAN AIR ACT (42 U.S.C. § 7522(A)(3)).

12. 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 exhaust and headpipe area). Snug the heatshield clamps but **do not tighten**.
13. 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.**
14. Tighten the clamps on the heatshield.
15. Rotate the floorboard mount back into place and retighten bolts to factory specifications. Reinstall the right floorboard with its original hardware.
16. Make sure all the hardware (brackets, headpipes, heatshields, and tips) has been tightened appropriately and cleaned before starting your motorcycle.

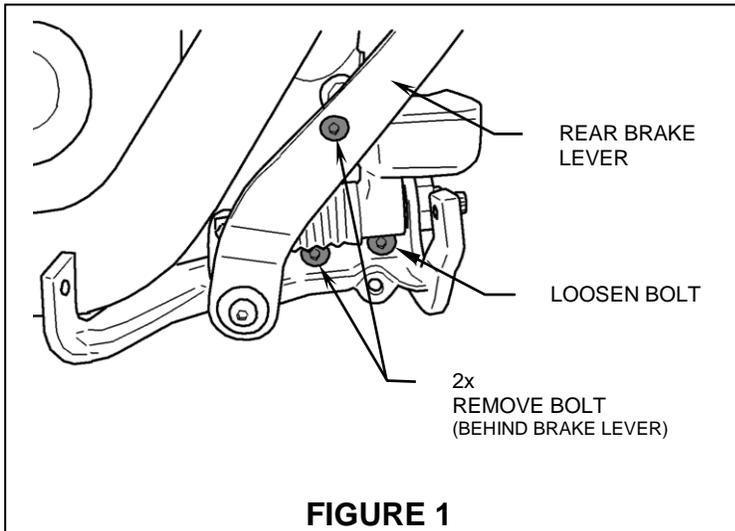


FIGURE 1

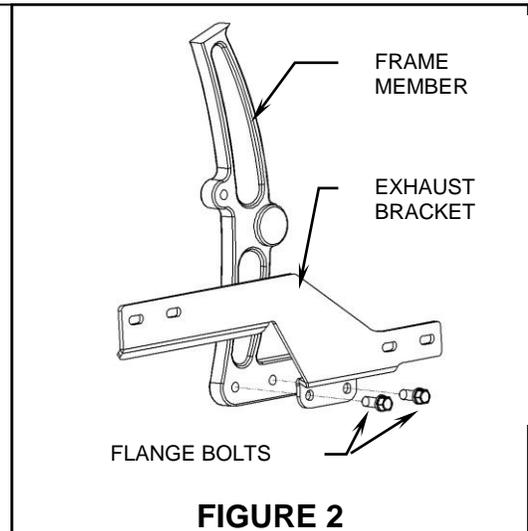


FIGURE 2

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.