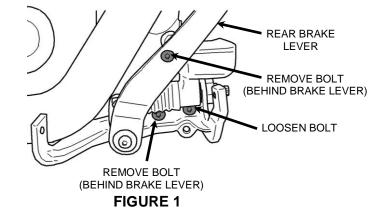


BRAM[®] 23801 E. La Palma Ave., Yorba Linda, Ca 92887 Ph. 714.692.8180, Fax. 714.692.5016

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Items Supplied >		Application(s) >	
 NIGHT HEADPIPE W/ HEATSHIELD LEFT FRONT HEADPIPE W/ HEATSHIELD LEFT REAR HEADPIPE W/ HEATSHIELD MUFFLERS RIGHT MUFFLER HEATSHIELD LEFT MUFFLER HEATSHIELD RIGHT EXHAUST MOUNT BRACKET LEFT EXHAUST MOUNT BRACKET BOLT, 5/16" X 5/8" FLANGE W/ LOCK PATCH BOLT, 1/4" X 3/8" BUTTON HEAD BOLT, 3/8" X 2-1/2" ALLEN HEAD 		HARLEY: FLS SOFTAIL SLIM FLSTC HERITAGE SOFTAIL CLASSIC FLSTF SOFTAIL FAT BOY FLSTFB SOFTAIL FAT BOY LO FLSTN SOFTAIL DELUXE FXS SOFTAIL BLACKLINE	12-17 12-17 12-17 12-16 12-17 12-13
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IF YOU HAVE	ANY DOUBTS AS TO	CK HEADPIPE GASKETS ARE IN GOOD COND THEIR CONDITION, REPLACE THEM. y before installing your new exhaust syste	

- 1. Apply masking tape to any surrounding parts on the motorcycle to protect them from getting scratched.
- 2. Remove the seat and battery to gain access to the O₂ sensor plugs. Unplug O₂ sensors on front and rear headpipes from motorcycle wire harnesses.
- Remove the stock exhaust system being careful not to damage the headpipe gaskets. If the headpipe 3. gaskets are in good condition they do not need to be removed from the cylinders. Remove and save the flanges, nuts, retaining rings and O₂ sensors from the stock exhaust.
- 4. On FLSTC, FLSTF, FLSTFB, and FLSTN, remove the right floorboard. Remove the top and rear bolts for the right floorboard mounting bracket that are behind the rear brake lever. Loosen the front bolt and rotate the mount down out of the way. See FIGURE 1. This will make the installation of the exhaust and heatshields easier.



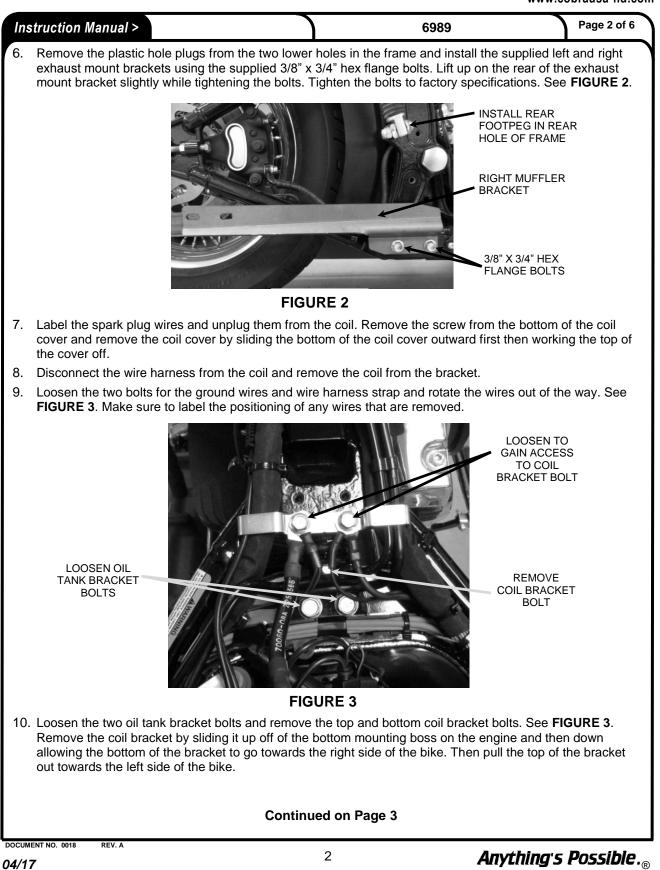
5. Remove the right side passenger foot peg from the clevis mount that is attached to the exhaust mount bracket. Remove the clevis mount from the exhaust mount bracket and then the stock exhaust mount bracket from the frame. Install the right side passenger foot peg using the 3/8" x 2-1/2" bolt and the supplied spacer into the rear most hole in the frame. See FIGURE 2. Tighten to factory specifications.

Continued on Page 2

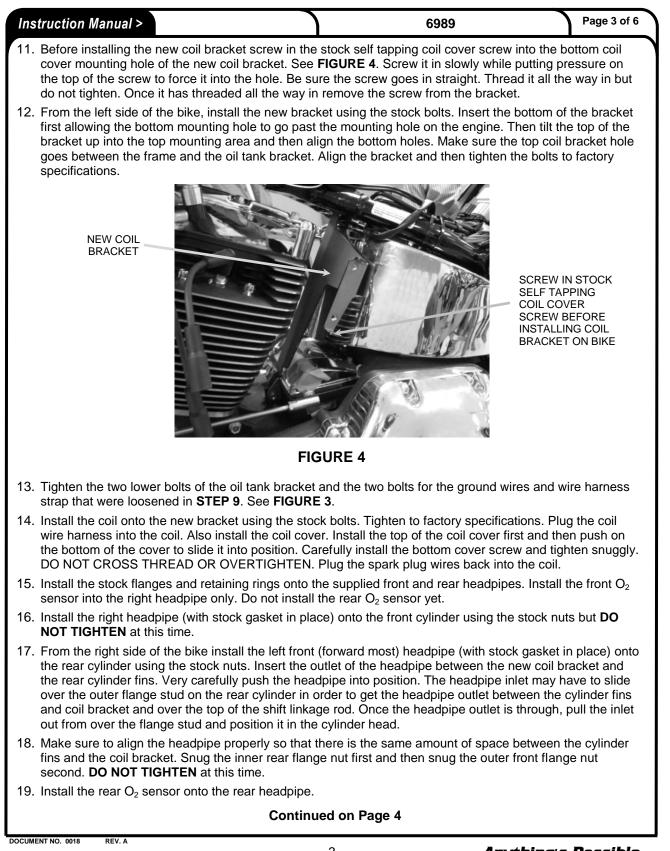
* Cobra®recommends you always wear a helmet while riding. Please never operate your motorcycle while under the influence of alcohol and/or drugs. Enjoy the new look of your motorcycle and please ride safely. DOCUMENT NO. 0017 REV. A



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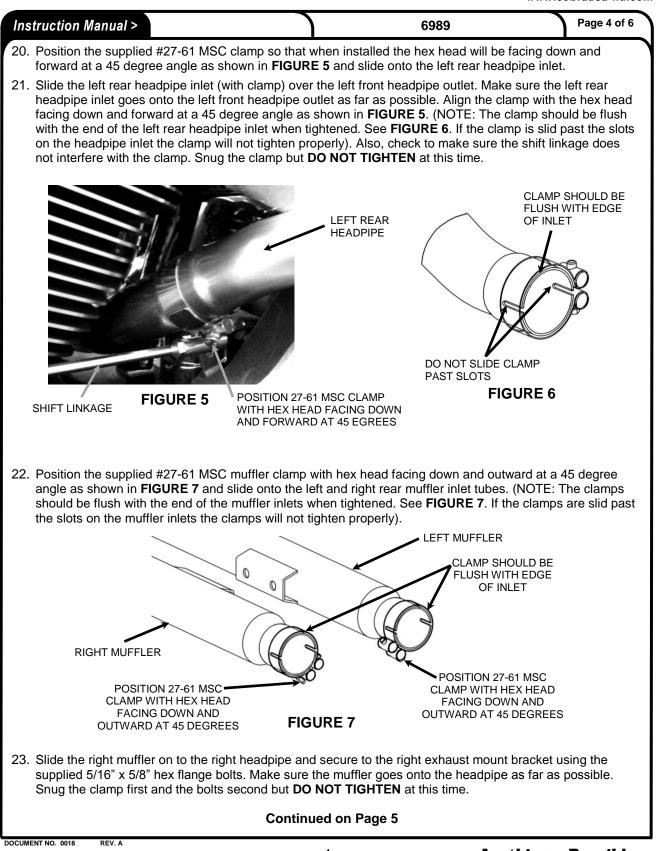








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24.	Install the left muffler in the same way onto headpipe as far as possible. Snug the clar			
25.	Make sure the left and right headpipes and sure the left front and left rear headpipes he rear frame. From the rear of the motorcycle other. When all the pipes are aligned tighter (slowly tightening opposing nuts), mufflers finally the muffler clamps. (NOTE: The mu tightened. See FIGURE 7 . If the muffler cla not tighten properly).	nave the proper e make sure the en in the followir to the exhaust i ffler clamps sho	clearance between the rear cylind muffler outlets are flush and leve ng order; headpipe flanges to the o mount bracket, left rear headpipe uld be flush with the end of the mo	er fins and the l with each cylinders clamp, and uffler inlet when
26.	Plug the O_2 sensors back into motorcycle	wire harnesses.		
27.	Unscrew the HS-28 and HS-24 clamps and the heatshields. The larger clamps (HS-28 to the headpipe heatshields. See FIGURE heatshields. (NOTE: The arrows point to the clamps should be accessible for tightening help hide the clamps on the muffler heatsh outward at a 45 degree angle.)	B) go on the muft 8 and FIGURE ne positioning of 9 but not visible	ler heatshields. The smaller clam 9 for proper positioning of the clai the hex head of the clamps. The when heatshields are mounted to	ps (HS-24) go mps on the hex head of the the pipes. To
28.	Install the right headpipe heatshield first for Slide the rear portion of the muffler heatsh muffler heatshield underneath the rear of t apart slightly to make it easier to slide ther does not interfere with the heatshield and	ield forward ove he right headpip n over the muffle	r the muffler while gently pushing e heatshield. (NOTE: Spread the er and headpipes.) Make sure the	the front of the hose clamps
29.	Slowly snug the heatshield clamps, one by the muffler heatshield. Leave the clamps is as necessary. The ends of the muffler heat Also be sure to rotate the muffler heatshiel are flush. (NOTE: The muffler may have to muffler heatshield with the headpipe heats	bose enough to Itshield and head Id around the m b be adjusted up	make adjustments to the heatshie dpipe heatshield should be flush w uffler so that the inner edges of th	lds positioning vith each other. e heatshields
30.	Align the tapped holes in the side of the fis the heatshield. (NOTE: If it is difficult to slid heatshield. Failure to do this may cause da button head screws making sure there is n	de the tip into th amage to the tip	e heatshield loosen the clamps or s.) Fasten the tip with (2) of the su	n the muffler upplied ¼-20
31.	Check to make sure the fishtail tip is vertic heatshield are flush. When the heatshields hide the clamps on the muffler heatshields outward at a 45 degree angle.)	s are aligned pro	perly, tighten the hose clamps. (N	IOTE: To help
32.	Install the left front headpipe heatshield. S between the rear cylinder fins and the oil li heatshield clamps.			
33.	Install the left rear headpipe heatshield, let heatshields. Make sure they are properly a FIGURE 9 .			
34.	Rotate the right floor board mount back int	to position and ti	ghten the bolts to factory specifica	ations.
35.	Install the right floorboard back onto the m	iount.		
	Install the battery and the seat.			
37.	Make sure all the hardware (brackets, hea appropriately.	dpipes, heatshie	elds, clamps, and tips) has been ti	ghtened
		Continued on P	age 6	

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