



Part Number 75-111-9 FLH Touring 2:1 Competition Series Exhaust System (09) Black Ceramic Coated

Congratulations, you have purchased the finest exhaust system available for your motorcycle. Your Vance & Hines Motorsports exhaust is designed and crafted for maximum performance, a great sound and unbeatable style. Please follow the instructions below, check exhaust system for missing or damaged parts and if you need any assistance please contact our technical support line (317) 852-9057.

CAUTION!

Extra care should be taken while installing your new ceramic coated Competition Series Exhaust System. High temp ceramic coating is not fully cured until it is up to full operating temperature and cooled back down. The coating is baked at 500 °F, but requires a temperature of 1000 °F to fully cure. Until that time the coating is not as durable and may be susceptible to scratches. Proper jetting and/or fuel mapping is necessary before start up. If the exhaust temperature exceeds 1500 °F before the coating is fully cured it can burn off or discolor.

For best results, we recommend fuel injection mapping for your new combination using a Fuelpak or Power Commander. Settings for the Fuelpak and some Power Commander maps are available on our website at www.vhmotorsports.com

ATTENTION:

This exhaust system is for racing purposes only.

STOCK EXHAUST SYSTEM REMOVAL

Please remove the following:

1. Remove both the left and right saddlebags.
2. Loosen the pinch clamp bolt on front end of each muffler. The left side muffler pinch clamp is located on the right hand side. Remove the cross over support clamp located under the swingarm in front of the rear wheel.
3. Remove two 5/16" bolts holding the left and right mufflers to the saddlebag supports.
4. Remove the stock mufflers and set them aside.
Note: It may be necessary to use a penetrating lubricant on slip joint between muffler and head pipe.
5. Find and unplug the O² sensor wires from the wiring harness and remove cable ties holding front wire to the frame. Feed the end of the wires through the frame so they are free from the motorcycle.
Note: Pay attention to the wire routing for re-installation.
6. Remove the bolt that secures head pipes to the transmission bracket with a 15mm wrench or socket.
7. Remove the right hand floor board.
8. Remove the flange nuts that secure each head pipe to cylinder head. Carefully remove the head pipe assembly and set it aside.
9. Carefully remove the flanges and circlips from the stock exhaust system using snapping pliers to be reused on installation.
10. Remove the stock transmission bracket and save the two allen bolts holding the stock transmission bracket for reinstallation.

If the exhaust circlips are bent or twisted they should be replaced.

Replace the stock exhaust gaskets with Harley-Davidson part number #17048-98

COMPETITION SERIES EXHAUST SYSTEM INSTALLATION

1. Install the megaphone mounting bracket #7-70070 to the transmission using the saved allen bolts.
2. Identify the front head pipe #7-80280. Install the stock flange and circlip, install the head pipe leaving the flange nuts hand tight.
3. Repeat the above step for the rear head pipe #7-80281.
4. Slip the megaphone/collector assembly onto the head pipes, secure with the two springs supplied using the spring puller tool.
5. Slide the dog bone nut plate inside the bracket welded to the back of the megaphone then attach and align bracket, leave the bolts hand tight at this time.

6. Tighten the cylinder head flange nuts for both the front and rear head pipes. Now tighten the megaphone bolts.
7. If using a fuel management system that requires the stock O² sensors remove the O² plugs and replace them with the O² sensors from the stock head pipes.
8. Reconnect the O² sensors to the wire harness.
9. Clean all fingerprints from the exhaust using a contact cleaner (or other non flammable cleaner). Fingerprints will leave stains on the pipe once the motorcycle is started.
10. You are now ready to start the motorcycle.

Note: After initial ride it is recommended to re-torque the baffle screw to 8-10 lb. using a 5/32" allen wrench and retighten the cylinder head flange nuts.

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75-111-9 HD TOURING 2:1 COMPETITION SERIES BCC EXHAUST SYSTEM (09)

75-111-9 PARTS LIST		
PART NO.	DESCRIPTION	75-111-9 /QTY.
7-50068	Megaphone/Baffle Assy.	1
7-80280	Front Pipe Assy., BCC	1
7-80281	Rear Pipe Assy., BCC	1
7-30002	Spring	2
7-70070	Meg-Mounting Bkt (09) BPC	1
7-70043	Dog Bone Nut Plate	1
7-70046	Bolt, Flange Serrated 5/16-18 x 5/8	2
7-60032	Comp. Series Baffle Assy. 10 1/2" TVD-DPD	1
7-70014	Bolt, BHCS 1/4"-20 x 5/8"	1
7-70058	Bolt, BHCS 1/4"-20 x 1/2"	1
7-70055	Flat Washer	2
7-70056	Lock Washer	2
7-70036	Rivet	2
7-50044	Name Plate 2.5" CL	1
7-30004	Exhaust Spring Puller Tool	1
7-60007	Baffle Packing	1

DRAG SPECIALTIES PART#: 1800-1061

STOCK EXHAUST: 32.3 lbs

75-111-9: 9 lbs



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