



## Part Number 75-107-9 Sportster 2:1 Competition Series Exhaust System (04-10) Black Ceramic Coated

Congratulations, you have purchased the finest exhaust system available for your motorcycle. Your Vance & Hines 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 (562) 921-7461.

### 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.vanceandhines.com](http://www.vanceandhines.com)

### STOCK EXHAUST SYSTEM REMOVAL

Please remove the following:

1. Remove O<sup>2</sup> sensor connectors from wire harness.  
Note: Pay attention to wire routing for reinstallation.
2. Loosen the heat shield clamps on both the front and rear exhaust pipes. This allows easier access to the head pipe mounting nuts.
3. Remove the two head pipe mounting nuts from each flange, located at the cylinder head.
4. Remove the clamp bolt which mounts the rear head pipe to the belt drive cover bracket.
5. Remove the two bolts from each muffler body which attach the muffler bodies to the mounting bar and carefully remove both exhaust pipes from the motorcycle.
6. Remove the drive belt cover and take the bracket off the rear cover bolt, it will not be re-used.
7. Loosen the brake rod at the rear eyelet using a T30 Torx driver.
8. Remove the exhaust mounting bar.
9. Using snapping pliers, carefully remove the flanges and circlips from the stock exhaust system. Save for re-use.

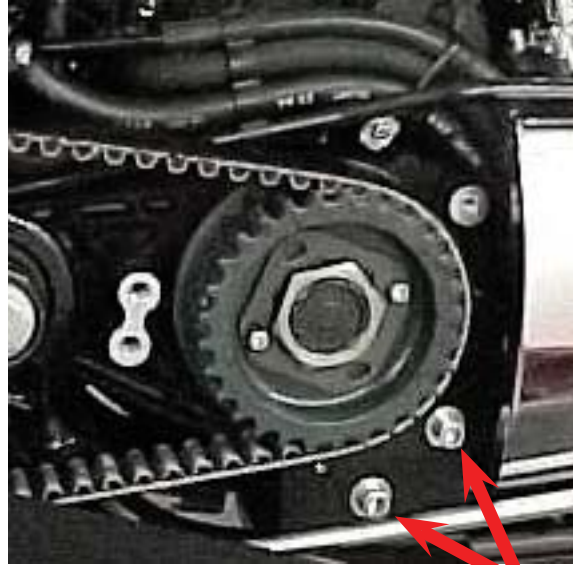
Note: If circlips look bent or twisted replace them with new circlips. Check the condition of stock exhaust gaskets, we recommend replacing them with the Screamin Eagle gasket kit, part number # 17048-98.

### COMPETITION SERIES EXHAUST SYSTEM INSTALLATION

1. Re-install brake rod eyelet using blue thread locking compound (Loctite® 243). Torque to 120-180 in/lbs.
2. Install and tighten supplied mounting bracket #692-P with supplied 3/8" x 3/4" bolts, torque to 30-33 ft/lbs, refer to *(Figure 1)*.
3. Reinstall the drive belt cover removed earlier.
4. Identify rear head pipe #D213FP. Install the stock flange and circlip, install head pipe leaving the flange nuts hand tight.
5. Repeat the above step for the front head pipe #D212FP.
6. Slip the megaphone assembly onto the head pipes, secure with the springs supplied using the spring puller tool.
7. Align the mounting bracket to the megaphone and secure with the two 5/16" x 5/8" bolts supplied.
8. Tighten the cylinder head flange nuts and the megaphone mounting bolts.
9. Replace the O<sup>2</sup> plugs with the O<sup>2</sup> sensors removed from the stock exhaust on the front and rear head pipes.
10. Reconnect the O<sup>2</sup> sensors to the wire harness.

11. 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.
12. 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.



*Figure 1*

**BOLTS**

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Vance & Hines exhaust systems are warranted against defects in material and workmanship for a period of 90 days from the date of purchase from an authorized dealer. This warranty does not cover discoloration of any coated finishes. This warranty is limited to the repair or replacement of a product proven to be defective from normal use. Vance & Hines exhaust systems are designed to fit and operate on OEM motor and chassis. This warranty does not cover any product subject to abuse, misuse, improper installation or modification.

# 75-107-9 HD SPORTSTER 2:1 COMPETITION SERIES BCC EXHAUST SYSTEM

PART NO.	DESCRIPTION	QTY.
D212FP	Front Pipe Assy., BCC	1
D213FP	Rear Pipe Assy., BCC	1
A213HW	O <sub>2</sub> Sensor Plug 18mm, Steel	2
A121HW	Washer, 24x18x1mm, Copper	2
A204SP	Spring	2
D297-1	Collector Assy.	2
D303RP	Megaphone Assy., BCC	1
A195HW	Dog Bone Nut Plate	1
692-P	Meg. Mounting Bracket (A)	1
A290HW	Flange Bolt, 3/8-16 x 3/4	2
A240HW	HHCS, 5/16-18 x 5/8	2
A362HW	Rivet	2
A205NP	Name Plate (2.5")	1
A128BEC	Comp. Baffle End Cap, TVD-DPD	1
A112HW	Flat Washer Zinc, 1/4"	2
A115HW	Lock Washer Zinc, 1/4"	2
A445HW	BHCS 1/4"-20 x 5/8", Zinc	1
A235HW	BHCS 1/4"-20 x 1/2", Zinc	1
A444HW	18-8 SS Capscrew 10-32, 3/8"	3
A127R	Baffle Core Welded Assy.	1
A267FG	Baffle Sock	1
A260SP	Exhaust Spring Puller Tool	1

## DRAG SPECIALTIES PART#: 1800-0884

STOCK EXHAUST: 22.5 lbs  
75-107-9: 7 lbs



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