



## Part Number 75-108-4 Dyna 2:1 Competition Series Exhaust System (06-10)

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 (317) 852-9057.

### STOCK EXHAUST SYSTEM REMOVAL

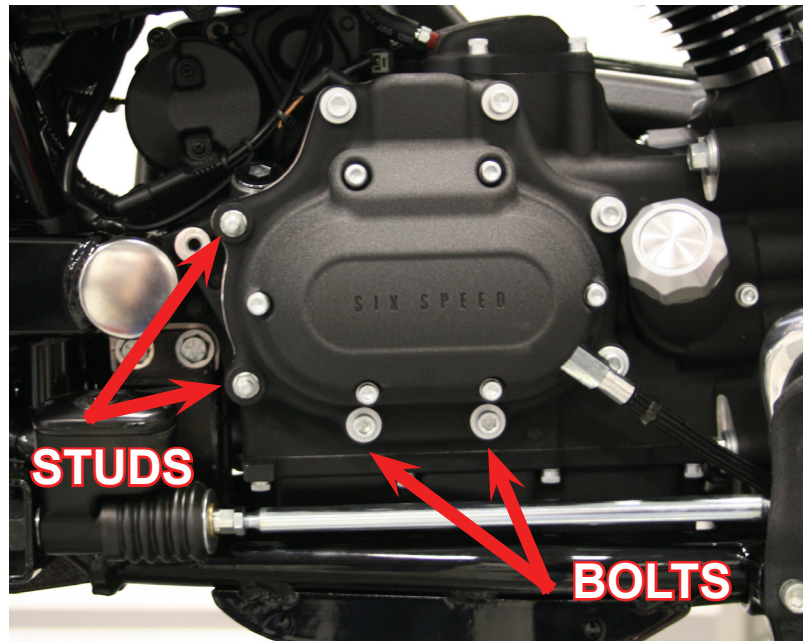
Please remove the following:

1. Remove seat to gain access to rear O<sup>2</sup> sensor connector. Unplug sensor and feed end of wire through frame to free it from motorcycle. Note: Pay attention to wire routing for reinstallation.
2. Remove the two bolts holding rectifier onto front of frame (near front tire). Open plastic cover to gain access to front O<sup>2</sup> sensor connector, unplug sensor from harness. Remove cable tie holding wire to frame and feed end of wire through to free it from motorcycle.
3. Loosen heat shield clamps on both the front and rear head pipes.
4. Remove two cylinder exhaust port flange nuts from each head pipe, located at the cylinder head.
5. Remove front head pipe clamp bolt.
6. Remove the bolt that attaches mufflers to the frame mounting bar.
7. Remove the complete exhaust system and set aside (Assistance may be required).
8. Remove stock mounting bar and the studs in the transmission cover, the studs will not be reused.
9. Remove the two bolts below the transmission cover. They will replace the two studs removed in step 8, refer to *(Figure 1)*.
10. 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.
11. Remove the stock O<sup>2</sup> sensors from the stock exhaust using a 7/8" or 22mm wrench.

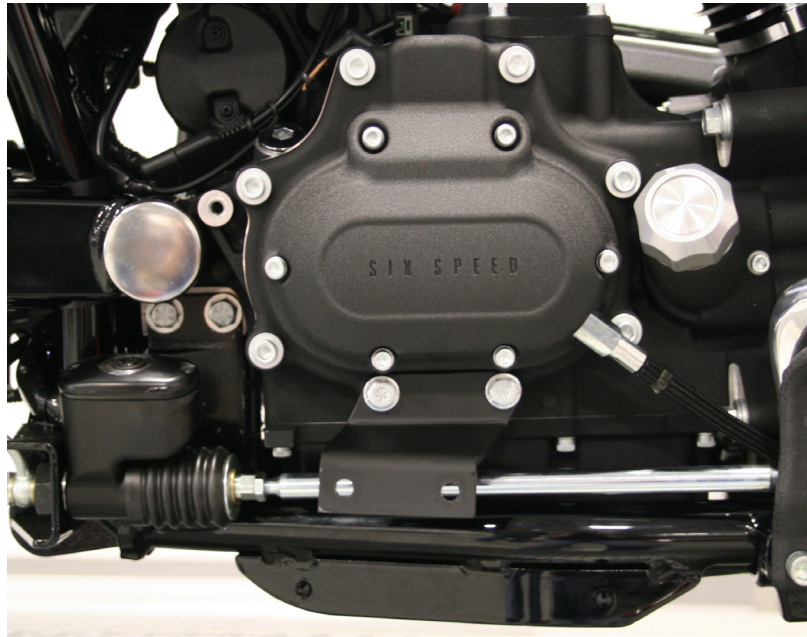
### COMPETITION SERIES EXHAUST SYSTEM INSTALLATION

1. Install bracket 703-P to the transmission cover using a 5/16" x 1 1/2" flange bolt, torque to 18-24 ft/lbs, see *(Figure 2)*.
2. Install the stock flanges to the new head pipes. Check the condition of the circlips we recommend replacing them with new ones if they are bent or twisted.
3. Install the rear head pipe D215FB, leave the cylinder nuts slightly loose.
4. Repeat step 3 for the front head pipe D214FB.
5. Slide the Megaphone Assembly D299RB over the head pipes. Install the springs with the exhaust spring puller tool provided.
6. Slide the dog bone nut plate through the bracket on the back side of the megaphone, attach the megaphone assembly to the bracket using the two 5/16" x 5/8" flange bolts provided.
7. Tighten the cylinder nuts then the megaphone mounting bolts.
8. Install the stock O<sup>2</sup> sensors removed earlier and carefully route the wires so they cannot be melted.
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. Make sure you have the correct map or jetting spec, 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*



*Figure 2*

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)

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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.

# 75-108-4 HD DYNA 2:1 COMPETITION SERIES EXHAUST SYSTEM

75-108-4 PARTS LIST		
PART NO.	DESCRIPTION	QTY.
D214FB	Front Pipe Assy.	1
D215FB	Rear Pipe Assy.	1
A213HW	O <sup>2</sup> Sensor Plug 18mm, Steel	2
A121HW	Washer, 24x18x1mm, Copper	2
A204SP	Spring	2
D299RB	Megaphone Assy.	1
A362HW	Rivet	2
A205NP	Name Plate (2.5")	1
703-P	Meg. Mounting Bracket (A)	1
A195HW	Dog Bone Nut Plate	1
A240HW	HHCS, 5/16-18 x 5/8	2
A475HW	Bolt/Flange Serrated 5/16-18 x 1 1/2	2
A128BEC	Comp. Baffle End Cap, TVD-DPD	1
A127R	Welded Baffle Core Assy.	1
A445HW	BHCS 1/4"-20 x 5/8", Zinc	1
A444HW	18-8 SS Capscrew 10-32, 3/8"	3
A112HW	Flat Washer Zinc, 1/4"	2
A115HW	Lock Washer Zinc, 1/4"	2
A235HW	BHCS 1/4"-20 x 1/2", Zinc	1
A267FG	Baffle Sock	1
A260SP	Exhaust Spring Puller Tool	1

## DRAG SPECIALTIES PART#: 1800-0885

STOCK EXHAUST: 25.5 lbs  
75-108-4: 7 lbs

