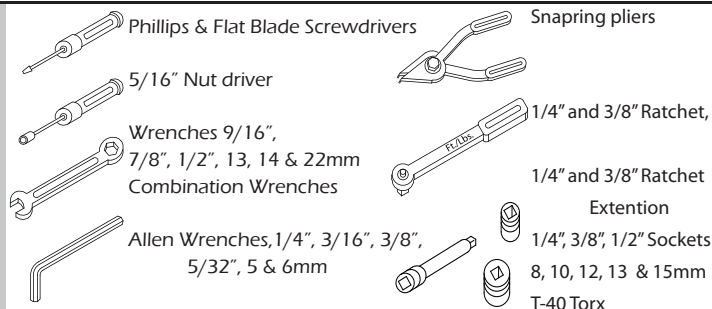




Congratulations, you have purchased the finest exhaust system available for your motorcycle. Your Vance & Hines exhaust is designed and crafted for maximum performance, a great sound and unbeatable style. Please follow the instructions below, check exhaust system for missing or damaged parts and if you need any assistance please contact our technical support line (562) 921-7461.

Attention installer (if other than owner), please forward this instruction sheet to the owner of this product. These instructions contain valuable information to the end user.

TOOLS REQUIRED



READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

Note: (Make sure key switch and handlebar run switch is in off position)

STOCK EXHAUST SYSTEM REMOVAL

1. Remove seat to gain access to rear O² 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 O² 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(some models).
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.

Remove the stock O² sensors from the stock exhaust using a 7/8\"/>



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.
Note: (If equipped with 12mm O² sensors install the 18mm O² plugs. At this time, if equipped with with the 18mm O² sensors install the 12mm O² plugs.)
Note: 12mm O² sensors must be installed before installing the front and rear head pipes.
3. Install the rear head pipe D223FP, leave the cylinder nuts slightly loose.
4. Repeat step 3 for the front head pipe D222FP.
5. Slide the Megaphone Assembly D313RP 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 O² sensors removed earlier and carefully route the wires so they cannot be melted.
9. After installation and before starting motorcycle, completely clean pipes and mufflers with cleaning soapy water and a soft cloth that will not leave a residue. **NOTE:** Any residue, oil or fingerprints will stain the the exhaust when the metal heats up.
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 and retighten the cylinder head flange nuts.

Warning: Initial start-up/heat cycle should be conducted outside or in a well ventilated area. Smoke and odor are normal during initial heat cycle and final curing stages of coating.

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

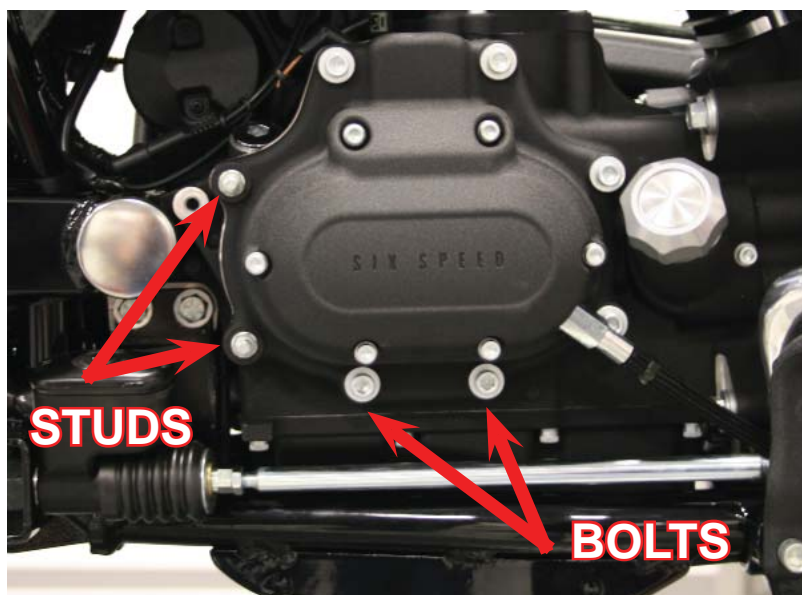


Figure 1



Figure 2



PACKING LIST

75-115-9 PARTS LIST		
PART NO.	DESCRIPTION	QTY.
D222FP	Front Pipe Assy., BBC	1
D223FP	Rear Pipe Assy., BBC	1
A213HW	O ² Sensor Plug 18mm, Steel	2
A216HW	O ² Sensor Plug 12mm, Steel	2
A121HW	Washer, 24x18x1mm, Copper	2
A127HW	Washer, 16x12x1mm, Copper	2
A204SP	Spring	2
D313RP	Megaphone Assy., BBC	1
703-P	Meg. Mounting Bracket (A)	1
A475HW	Bolt, Flange Serrated 5/16-18 x 1 1/2	2
A195HW	Dog Bone Nut Plate	1
A128BEC	Comp. Baffle End Cap, TVD-DPD	1
A127R	Welded Baffle Core Assy.	1
A240HW	HHCS, 5/16-18 x 5/8	2
A444HW	18-8 SS Capscrew 10-32, 3/8"	3
A445HW	BHCS 1/4"-20 x 5/8", Zinc	1
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#: 1800-0886

STOCK EXHAUST: 25.5 lbs
75-115-9: 7 lbs



WARRANTY

Vance & Hines products 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 chrome finishes. This warranty is limited to the repair or replacement of a product proven to be defective from normal use. Vance & Hines products 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.