

CONGRATULATIONS! You have purchased the finest exhaust system available for your motorcycle. Your VANCE & HINES exhaust system is designed for today's rider, a rider who needs maximum performance, great styling and a perfect fitting system. Please follow the installation instructions below and if you have any questions, feel free to call our technical help line at (562) 926-5291.

### REMOVING THE STOCK EXHAUST SYSTEM

1. Remove the right hand frame cover from motorcycle to avoid damage during removal and installation of exhaust systems.
2. Remove the two header nuts from exhaust port on both front and rear cylinders.
3. Remove the two mounting bolts/nuts located below lower muffler. Carefully remove system and set it aside.

Note: The system is heavy, assistance may be required.

### INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

1. Position bracket (stamped 320) on right side of motorcycle aligning bracket to frame holes.

Attach using stock mounting bolts. (Refer to figure 1)  
*Note: Be sure bracket 320 is mounted on the outside of frame mount.*

2. Unscrew all hose clamps (supplied) until they are completely loose. Mark top edge of all three heat shields with location of mounting clips that are welded to backside.

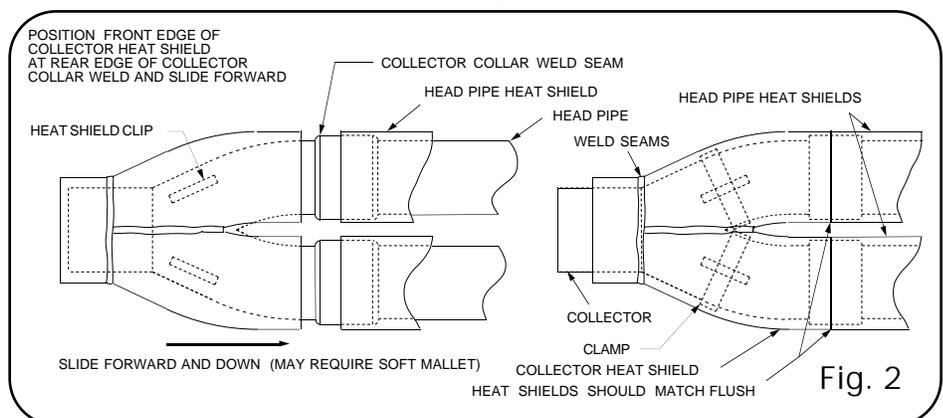
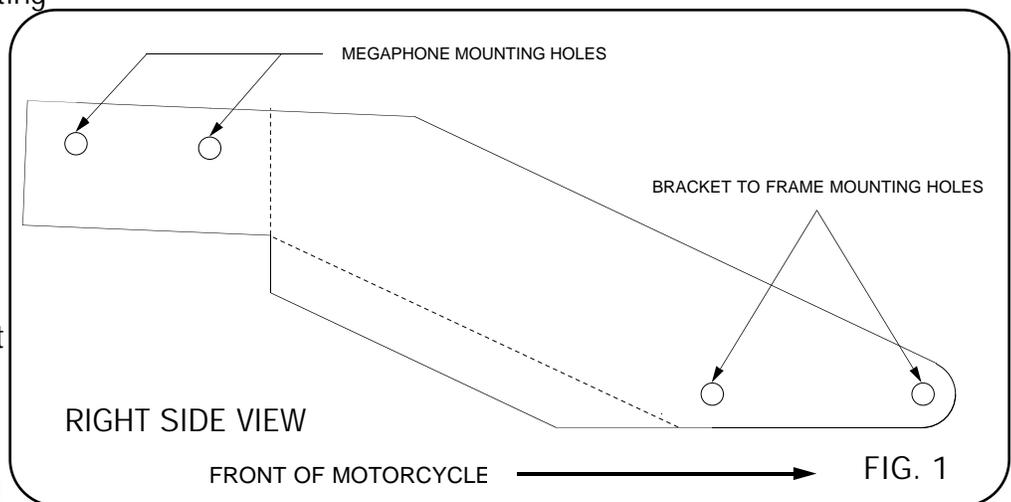
Position front heat shield

over head pipe and feed tail end of each hose clamp into clips. Be sure that each hose clamp is engaged with both clips. Repeat this step with rear heat shield and collector heat shield. To facilitate installation of collector heat shield, use a forward sliding motion from the rear of the collector. (Refer to figure 2)

Do not force the collector heat shield directly onto header from the side. Damage to collector heat shield will result. Note:

Collector heat shield uses 3/8" wide clamps. (supplied)

3. Rotate hose clamps in heat shields so that screw head drives are accessible. Tighten



only finger tight at this time. Note: *The screw end of hose clamp should be accessible, but not visible when pipe is mounted on bike.*

4. Check condition of stock exhaust gaskets. Replace damaged or worn gaskets.
5. Install header assembly with heat shields attached, to the front and rear cylinders using stock nuts and bolts. Leave them loose at this time. Note: *Cylinder port studs are offset from center of port, rotate flange so that studs align properly with flange holes.*
6. Slide chrome muffler clamp (supplied) onto inlet end of megaphone. Install 5/16" x 1 1/4" bolt flat washer and 5/16" lock nut combination (hardware supplied). Leave clamp loose at this time.
7. Slip megaphone onto header assembly, engaging collector heat shield between clamp and outer slip joint tube. Slide one dog bone shaped nut plate under bracket that is welded to backside of megaphone and attach megaphone to the mounting bracket using the two 5/16" flange head bolts (supplied).
8. Tighten mounting hardware in the following order: 1. Head pipe flange nuts, 2. Megaphone clamp, 3. Flange bolts at megaphone to mounting bar attachment.
9. Align all three heat shields so the ends meet flush. (Refer to Fig 2) Tighten heat shield clamps.
10. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage.
11. Remove oil and finger prints from chrome using a soft cloth and chrome polish before starting engine.
12. Be sure to tighten all hardware before starting your motorcycle.

#### RE-JETTING INSTRUCTIONS

Re-jetting the carburetors will result in realizing the "full" potential of this performance exhaust system. Vance & Hines offers jet kits for most applications. For fuel injected models, we recommend the use of an adjustable fuel management system.

PLEASE NOTE: Every effort is made for Vance & Hines Exhaust Systems to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, (center stand, oil filter, oil pan etc.) ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation instructions.

### WARNING!

VANCE & HINES DOES NOT WARRANTY ANY CHROME PRODUCTS AGAINST DISCOLORATION.