

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. VANCE & HINES spends months testing and designing to come up with the perfect combination of header tubing size and collector shape to give your bike the best possible performance. The VANCE & HINES system will give your bike more power on the low and mid-range, as well as the top end. There are many features that the VANCE & HINES system offers, here are just a few...

- MAXIMUM PERFORMANCE
- PERFECT FIT
- RACING HERITAGE
- MAXIMUM CORNERING CLEARANCE
- QUIET BAFFLE SYSTEM
- VHR QUALITY & CRAFTSMANSHIP

## REMOVING THE STOCK EXHAUST SYSTEM

1. Put the bike up on its center stand.
2. Remove the old exhaust system starting with the muffler at the rear of the bike. Then remove the front header system.

## INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

1. Be sure to check that the stock exhaust gaskets are in good shape. If you have any doubts as to their condition, replace them.
2. Bolt on the front header section first.
3. Remove both springs from center stand and take out left side pivot bolt and clip.
4. Install the center stand stop bracket (supplied) with tang oriented toward top, inside of bike, placing the large hole over the spring anchor pin, and the center stand pivot bolt (removed in step 3) through the smaller hole.
5. Re-install the pivot bolt, clip and also both center stand springs.
6. Slide the rear section of the new exhaust system over the collector of the front section.
7. Slide the nut plate into the bracket that is welded onto the silencer can. Note: Be sure the nipple on the nut plate is facing towards the aluminum can.
8. Position the squared off end of the silencer mounting bracket over the nut plate while making sure the bend in the bracket is facing towards the aluminum can.
9. Install the two 5/16 bolts into the nut plate finger tight.
10. Position the rear section mounting bracket on the inside of the stock mounting bracket, where the stock system originally mounted.
11. Tighten assembly using the stock mounting bolt, washer and nut. Then tighten the two 5/16 bolts on the silencer.
12. Install the two springs over the tabs on the collector and tail section using the spring puller tool.
13. The stainless steel exhaust outlet tube may be redirected to suit personal preference or application. First remove the three button head screws on the rear aluminum canister. Slide the baffle assembly out about two inches. Loosen the three allen cap screws on the end cap. Rotate the outlet tube to suit and retighten the cap screws. Install the baffle assembly taking care to engage the baffle core over the end of tail pipe. Install the three button head screws and tighten.

## RE-JETTING INSTRUCTIONS

Re-jetting the carburetors will result in realizing the "full" potential of this high performance exhaust system. Vance & Hines offers a Dyno Jet kit part number 21100 for stage 1. Base line jetting information is available through our tech-line (562-926-5291) for most models.