

**Part Number 7-60093**  
**Quiet Insert For Competition**  
**Series 2:1 & Slip-On Exhaust Systems**

Congratulations, you have purchased the finest exhaust system available for your motorcycle. Your Vance & Hines Motorsports 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.

**REMOVAL**

**NOTE: THE QUIET INSERT INSTALLATION SHOULD ONLY BE PERFORMED WHEN THE MOTORCYCLE IS COLD!**

1. Using a 5/32" allen wrench remove the two end cap screws. Save them for reinstallation.
2. With a hook tool carefully remove the baffle assembly from the muffler body. If you don't have a hook tool you will need to remove the muffler and tap the baffle out from the front.. Use a wooden dowel or suitable tool that will not damage the baffle or the muffler.

**COMPETITION SERIES QUIET INSERT INSTALLATION**

1. Pull the baffle packing material away from the end cap end of the baffle.
2. If your exhaust was manufactured after 1/18/10, proceed to step #6.
3. Looking from the back of the end cap determine the top of the baffle, see (Figure 1).
4. Measure from the end cap flange and make a mark with a center punch 3/8" away from the flange, see (Figures 2 & 3).
5. Drill a 1/4" hole and deburr the hole with a file or suitable tool, see (Figure 4).
6. When installing the quiet insert align the bolt hole as you install the insert. Tap the insert using a mallet or a block of wood with a hammer. Once the holes are aligned install the supplied 1/4" button head cap screw #7-70058, torque to 129 in lbs. using a 5/32" allen wrench, see (Figure 5).
7. Reinstall the baffle assembly into the muffler making sure the end cap holes are aligned with the muffler holes.  
**NOTE: When installing the baffle use a mallet to prevent damaging the end cap.**
8. Reinstall the original end cap hardware using a 5/32" allen wrench. Apply high strength Loctite® to the screws and torque to 129 in. lbs.
9. Clean all finger prints before starting the motorcycle.
10. Some retuning may be necessary.
11. Be sure to check and tighten all hardware before starting your motorcycle.

**Note:** After initial ride it is recommended to re-torque the baffle screws to 129 in. lbs. using a 5/32" allen wrench.

Figure 1



Figure 2

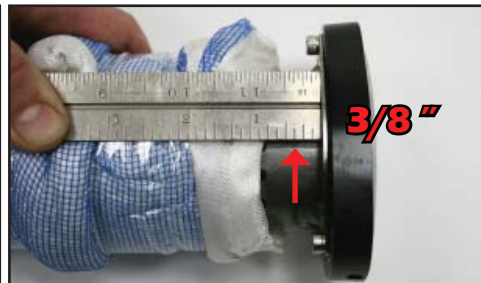


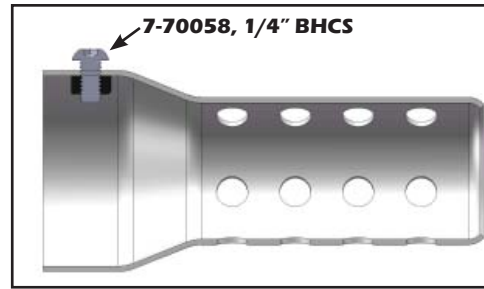
Figure 3



Figure 4



Figure 5



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.vhmotorsports.com](http://www.vhmotorsports.com)

Vance & Hines Motorsports

1211 Northfield Drive, Brownsburg, IN 46112

Tel: (317) 852-9057 Fax: (317) 852-8954

E-mail: [tech@vhmotorsports.com](mailto:tech@vhmotorsports.com)

Web: [www.vhmotorsports.com](http://www.vhmotorsports.com)

Opening Hours – Monday through Friday, 8am – 5pm, Eastern Standard Time

Vance & Hines Motorsports 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.