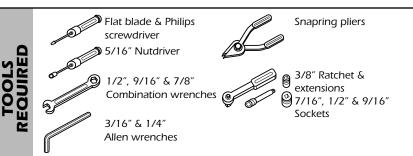
#### HARLEY-DAVIDSON® DYNA SHORTSHOTS STAGGERED BLACK INSTALLATION INSTRUCTIONS PART# 47217





Congratulations, you have purchased the finest exhaust system for your motorcycle on the market. Your Vance & Hines exhaust system is designed and crafted for maximum performance, a perfect fit, a great sound and unbeatable style. Please follow the installation instructions below and if you have any questions, please call our technical support line at (562) 926-5291.

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.



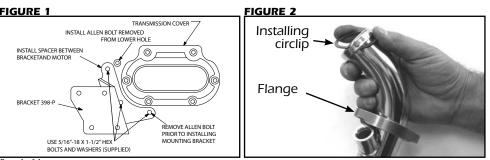
## **READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION**

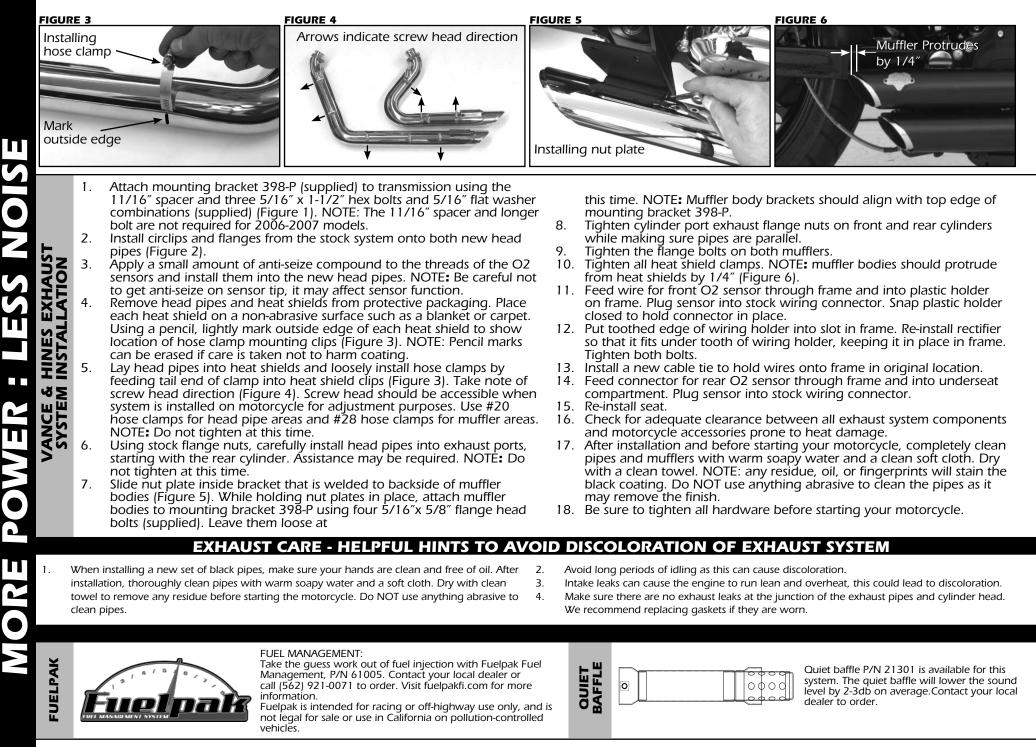
- Remove seat to gain access to rear O2 sensor connector. Unplug sensor and feed end of wire through frame to free it from motorcycle. NOTE: Pay attention to wire routing for reinstallation.
- Remove two bolts holding rectifier onto front of frame (near front tire). Open plastic cover to gain access 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.
- 6. Remove the bolt that attaches mufflers to the frame mounting bar.
- 7. Remove the mounting bar attaching front and rear mufflers.

- 8. Remove the complete exhaust system and set aside (Assistance may be required).
- Remove stock mounting bar and the studs in the transmisson cover. Save the bolts, one will be re-used.
- 10. Remove left bolt below the transmission cover. Position mounting bracket 398-P over mounting location to determine which bolts to remove (Figure 1). Install this bolt in the top hole left vacant by the new bracket.
- 11. Carefully remove the flanges and circlips from the stock exhaust system using snapring pliers. NOTE: Replace bent or damaged circlips. Check condition of stock exhaust gaskets. Replace if worn or damaged.

(Recommended replacement exhaust port gaskets, Screamin' Eagle part number 17048-98).

12. Remove stock oxygen sensors, they will be re-used on new system.

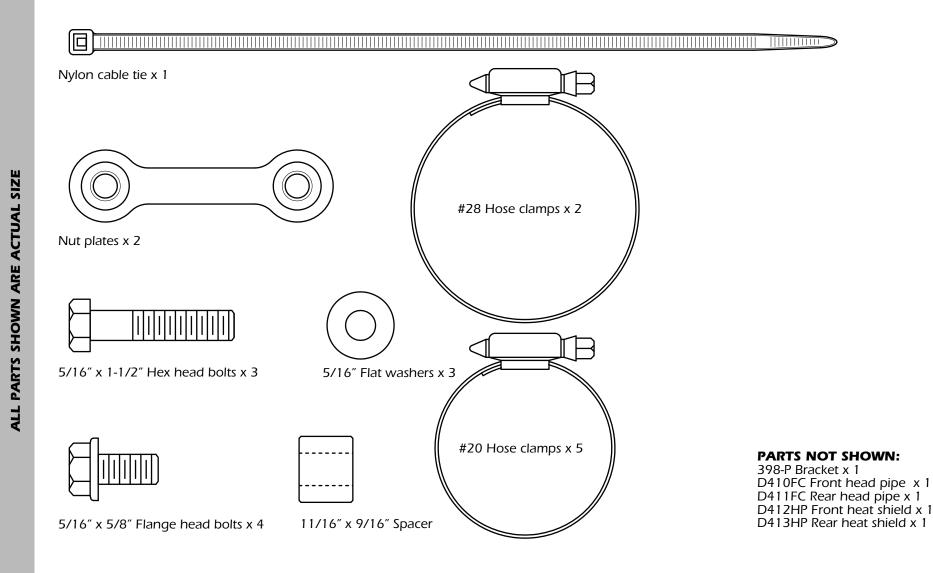




PLEASE NOTE: Every effort is made for Vance & Hines Exhaust Systems to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation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



## **PACKING LIST**



#### WARRANTY

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 chrome 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.

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### FUEL MANAGEMENT

## GET THE MOST OUT OF YOUR RIDING EXPERIENCE...

AN AFTERMARKET EXHAUST SYSTEM IS ONLY YOUR FIRST STEP, NOW YOU NEED FUEL MANAGEMENT.

# NOW YOU NEED FUELPAK.

Your fuel injected Harley-Davidson® is equipped with an ECU (electronic control unit) that's programmed to deliver fuel to the motor based on an air/fuel ratio for a stock air filter and stock exhaust system. When you install a performance exhaust system, your airflow changes, so you need a fuel management system that adjusts your air/fuel ratio to match the changes. That fuel management system is Fuelpak. Fuelpak adds and takes away fuel, allowing for a more precise range of refinement in your air/fuel ratio. Get the perfect fuel management combination with your Vance & Hines exhaust system, get Fuelpak. For more information visit the tuning center at fuelpakfi.com

NOTICE: Fuelpak is intended for racing or off-highway use only, and is not legal for sale or use in California on pollution-controlled vehicles.