



**MORE POWER : LESS NOISE**

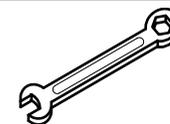
**STOCK EXHAUST  
SYSTEM REMOVAL**



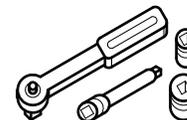
Congratulations, you have purchased the finest exhaust system for your motorcycle on the market. Your Vance & Hines exhaust system is designed and crafted for maximum performance, a perfect fit, a great sound and unbeatable style. Please follow the installation instructions below and if you have any 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.

**TOOLS  
REQUIRED**



1/2" & 9/16"  
Combination wrenches



3/8" Drive Ratchet w/ 4"  
extension  
1/2" & 9/16" sockets.

**READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION**

1. Remove both left and right saddlebags and set them aside.
2. Loosen the bolt from the pinch clamp on the front end of each muffler. NOTE: On the older model Dresser, spread the clamps just enough to remove them.
3. Remove the two 5/16" bolts that mount the muffler to the saddlebag supports. Repeat this step on the opposite muffler.
4. Remove the stock mufflers and set them aside. NOTE: It may be necessary to use a penetrating lubricant to loosen the muffler from the head pipe.

**FIGURE 1**



**VANCE & HINES EXHAUST SYSTEM INSTALLATION**

1. Install the Torca band clamps (supplied) over the front of each muffler so that the bolt is to the inside and the nut is facing down (Figure 1). NOTE: New Torca band clamps are supplied, do not use the old clamps.
2. Slip the muffler over the stock head pipe, mount the muffler to the saddlebag support using the two stock 5/16" bolts and tighten. NOTE: There is a different muffler for the left and right side of the motorcycle. The chrome logo badge on each canister should always be facing outwards, away from the rear tire, and the dent should always face inward towards the rear tire.
3. Tighten the two muffler Torca band clamps. (Torque Specification 40-45 ft/lbs.)
4. Replace the saddlebags.
5. After installation and before starting motorcycle, completely clean pipes and mufflers with cleaning solvent and a clean, soft cloth that will not leave a residue. NOTE: Any residue, oil, or fingerprints will stain the chrome when the metal heats up.
6. Be sure to tighten all hardware before starting your motorcycle.
7. **IMPORTANT: AFTER TEST RIDE LET PIPES COOL DOWN AND RE-TORQUE MUFFLER BAND CLAMP.**

**EXHAUST CARE - HELPFUL HINTS TO AVOID DISCOLORATION OF EXHAUST SYSTEM**

1. When installing a new set of chrome pipes, make sure your hands are clean and free of oil. After installation, thoroughly clean pipes with a soft cloth and cleaning solvent that will leave no residue (chrome wax / polish, glass cleaner, alcohol, ammonia, etc...) before starting the motorcycle.
2. Avoid long periods of idling as this can cause discoloration.
3. Intake leaks can cause the engine to run lean and overheat, this could lead to discoloration.
4. Make sure there are no exhaust leaks at the junction of the exhaust pipes and cylinder head. We recommend replacing gaskets if they are worn.

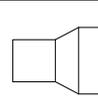
**VANCE & HINES OPTIONAL ACCESSORIES**

**FUELPAK**



**FUEL MANAGEMENT:**  
Take the guess work out of fuel injection with Fuelpak Fuel Management. Contact your local dealer or call (562) 921-0071 to order. Visit [fuelpakfi.com](http://fuelpakfi.com) for more information. Fuelpak is intended for racing or off-highway use only, and is not legal for sale or use in California on pollution-controlled vehicles.

**QUIET Baffle**



Quiet sound insert P/N 21931 is available for this system. The quiet sound insert will lower the sound level by 2-3db on average. Contact your local dealer to order.

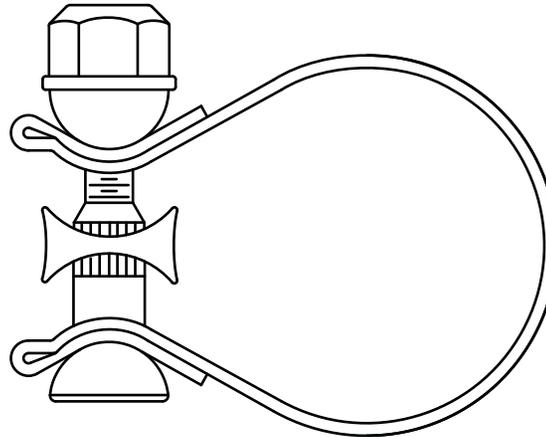
#16933 Touring Muffler Mount Kit

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

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ALL PARTS SHOWN ARE ACTUAL SIZE



Torca band  
Clamp x 2

### PARTS NOT SHOWN:

D603RC	RH Muffler Casing	x 1
D608RC	LH Muffler Casing	x 1
A337R	Baffle Assy.	x 2
A240BEC	Scallop End Tips	x 2

## 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.

## 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](http://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.



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**VANCEANDHINES.COM**