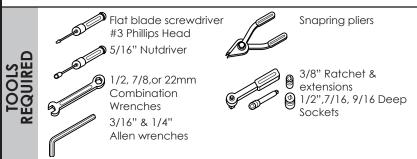






Congratulations, you have purchased the finest exhaust system for your motorcycle on the market. Your Vance & Hines exhaust system is designed and crafted for maximum performance, a perfect fit, a great sound and unbeatable style. Please follow the installation instructions below and if you have any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



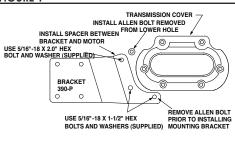
READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

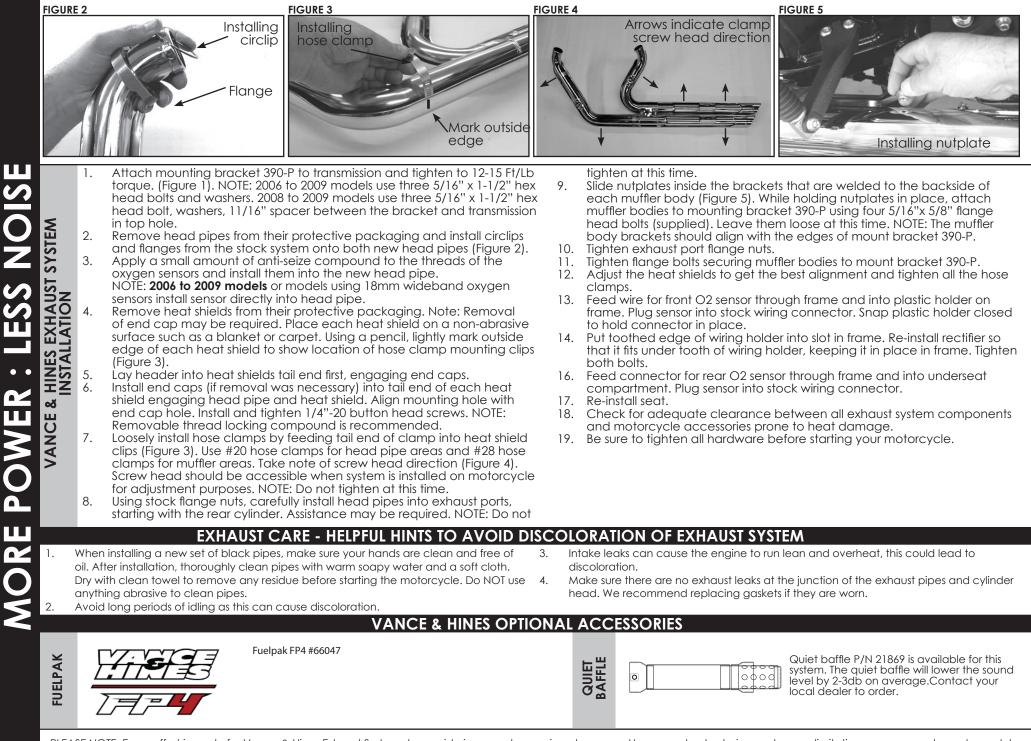
- Remove seat to gain access to rear oxygen sensor connector. Unplug sensor and feed end of wire through frame to free it from motorcycle.
 NOTE: Pay attention to wire routing for re-installation.
- 2. Remove two bolts holding rectifier onto front of frame (near front tire). Open plastic cover to gain access to front oxygen sensor connector. Unplug sensor from harness and feed end of wire through to free it from motorcycle.
- 3. Loosen heat shield clamps on both the front and the rear head pipes.
- 4. If equipped, remove front head pipe clamp carriage bolt.
- 5. Remove the bolt that attaches mufflers to the frame mounting bar.
- 6. Remove two cylinder exhaust port flange nuts from each head pipe, located at the cylinder head.
- 7. Remove the complete exhaust system and set aside (Assistance may be

required).

- 8. Remove left bolt below the transmission cover. Position bracket 390-P over mounting location to determine which bolts to remove (Figure 1). Install removed bolt in the top hole left vacant by the new bracket.
- 9. Carefully remove the flanges and circlips from the stock exhaust system using snapring pliers. **NOTE**: Replace bent or damaged circlips.
- 10. Remove stock oxygen sensors.
- Remove stock exhaust gaskets and replace them with the supplied exhaust gaskets. NOTE: Replacement gaskets, V&H #22899 or HD Screaming Eagle #17048-98 or equivalent.







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.

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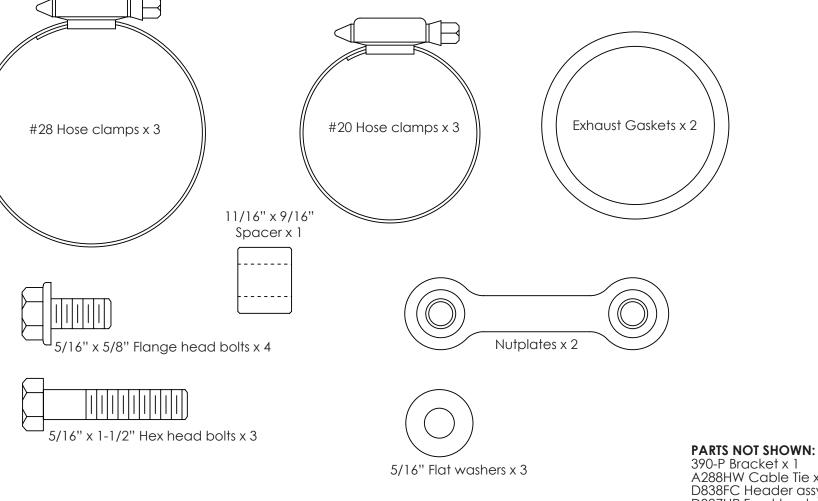
2





PACKING LIST





390-P Bracket x 1 A288HW Cable Tie x 1 D838FC Header assy x 1 D397HP Front heat shield x 1 D399HP-S Rear heat shield x 1

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



Connect. Tune. Ride.

From the team that brought you The Fuelpak FP3, the best-selling ECU tuner in the world for Harley-Davidson motorcycles, the Vance & Hines FP4 is the most intuitive tuning tool on the market, giving you the power to control your motorcycle's tune and offers the best-in-industry support from our FP4 technicians, all from your smartphone.

- Download and Flash Maps
- Live Data Viewing
- Autotune Feature for Map Customization

Visit vanceandhines.com to learn more about FP4.

Qualified Manufacturer Declared 49-state Federal Emissions Compliant Part.



Emissions Notice:

In California, in order to meet Air Resources Board emissions requirements, certain aftermarket part applications have been identified as replacements, and others have received ARB Executive Orders. All other emissions related aftermarket parts are for competition use only. A list of replacement parts and EO parts, and corresponding fitment is provided at vanceandhines.com/California.

Warranty:

All Vance & Hines products are warranted against defects in material and workmanship for a period of 90 days. This warranty does not cover discoloration or rust. This warranty shall be limited to the repair or replacement of the product, which may be proven defective under normal use. Vance & Hines will not warranty any system that has been abused, misused, improperly installed or modified.

Dealers or distributors are not authorized to make dispositions binding upon Vance & Hines. Vance & Hines will not be responsible for any labor charges incurred in removing or replacing any system under warranty. A return authorization number and a copy of the original purchase invoice must accompany all returns. Parts returned without a return authorization may be refused.

13861 ROSECRANS AVENUE / SANTA FE SPRINGS, CA 90670 SALES: (562) 921-5388 / TECHNICAL: (562) 926-5291 / FAX: (562) 802-0110 VANCEANDHINES.COM