

MORE POWER : LESS NOISE



Congratulations, you have purchased the finest air intake system for your motorcycle on the market. Your Vance & Hines Air Intake system is designed and crafted for maximum performance and a perfect fit. 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 end user.

This kit fits 2008-later Touring models with 50mm Fly-By-Wire throttle bodies.

NOTE: 20011 CVO Touring models will require purchase of HD #27712-08 induction module bracket for this kit installation.

TOOLS REQUIRED

- 3/16" Allen wrench
- 5/32" Allen wrench
- T27 Torx wrench
- 1/4" or 3/8" drive Ratchet
- 3/8" Hex socket
- 7/16" Hex socket
- 5/16" Allen socket
- 5/32" Allen socket
- Inch-pound Torque wrench
- Loctite 243 (blue)

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

OEM SYSTEM REMOVAL

1. Take off the air filter cover by removing the 5/16"-18 x 1/2" OE button head cap screw in the center. Set the air filter cover and the screw aside for re-use.
2. This will expose the filter element, which is then removed by taking out the three Torx head cap screws.
3. Remove the breather hoses from the cylinder head breather bolts by pulling on them.
4. Remove the backing plate and gasket or o-ring by unbolting the cylinder head breather bolts. Be sure that the surface is clean and dry. NOTE: on 2011 CVO touring models, HD #27712-08 bracket needs to be installed on the induction module.

INSTALLATION OF VOZ AIR FILTER KIT

1. For a clear understanding of this installation it is best to refer to the exploded view diagram while reading these instructions.
2. When installing or servicing the air cleaner, apply Loctite 243 (blue) to threads of all fasteners.
3. Install the cylinder head breather bolts (1) to 120-144 in-lbs (13.6-16.3 Nm) through the crossover bracket and into the intake manifold.
4. Install the breather hoses (RH #2 & LH #3) through the top two holes in the filter backing plate (6), aligned as shown.
5. Using the three 1/4"-20 x 2.25" socket head cap screws (9), sandwich the filter mount bracket (8), the venturi (7) the filter backing plate w/ breather hoses (6), the backing plate stiffener (5) and the gasket (4) together as shown and install onto the throttle body. Make sure the Inside edges of all of these parts are aligned before tightening to 55-60 in-lbs (6.2-6.8 Nm).
6. Using the remaining three 1/4"-20 x 1/2" button head cap screws (11) install the air filter element (10) and torque to 55-60 in-lbs (6.2-6.8 Nm). NOTE: The Vance & Hines logo should be at approximately three o'clock when viewed from the side. The filter is pre-oiled and does not need to be oiled prior to installation.
7. Feed the 5/16"-18 x 1/2" OE button head cap screw through the OE Air cover

and into the center of the air filter element (10), tighten securely.

- 8. After 100 miles check to be sure that these bolts are still tight. Periodically ensure that these screws remain tight.

VANCE & HINES OPTIONAL ACCESSORIES

FUELPAK



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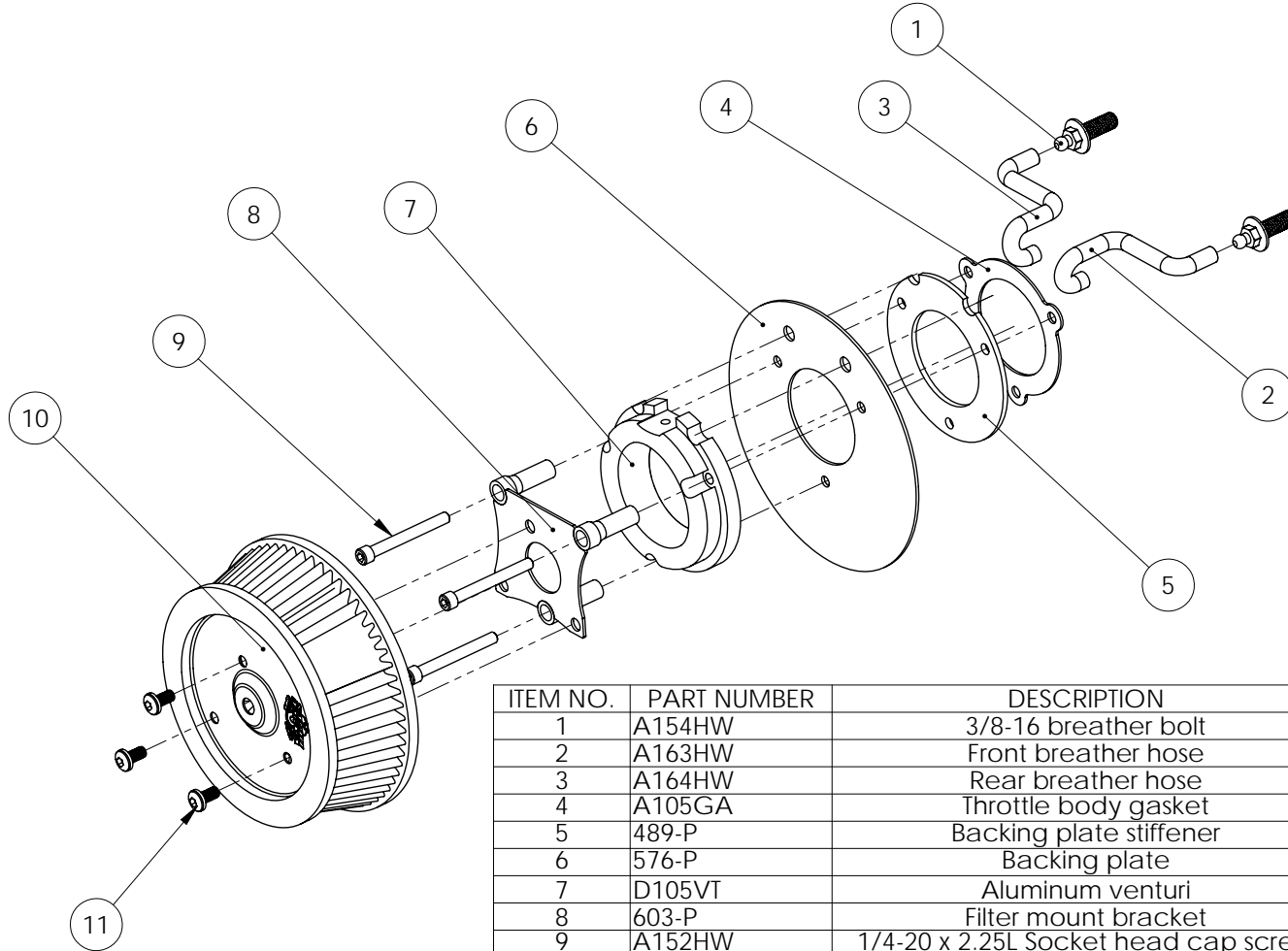
Fuelpak is intended for racing or off-highway use only, and is not legal for sale or use in California on pollution-controlled vehicles.

D100FL
71013
71015

Replacement Air Filter Element
Chrome Skullcap Cover
Black Skullcap Cover

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EXPLODED VIEW DIAGRAM



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A154HW	3/8-16 breather bolt	2
2	A163HW	Front breather hose	1
3	A164HW	Rear breather hose	1
4	A105GA	Throttle body gasket	1
5	489-P	Backing plate stiffener	1
6	576-P	Backing plate	1
7	D105VT	Aluminum venturi	1
8	603-P	Filter mount bracket	1
9	A152HW	1/4-20 x 2.25L Socket head cap screw	3
10	D100FL	Air filter element	1
11	A235HW	1/4"-20 x 1/2" Button head cap screw	3

WARRANTY

Vance & Hines products 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 products 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

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NOW YOU NEED FUELPAK.

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