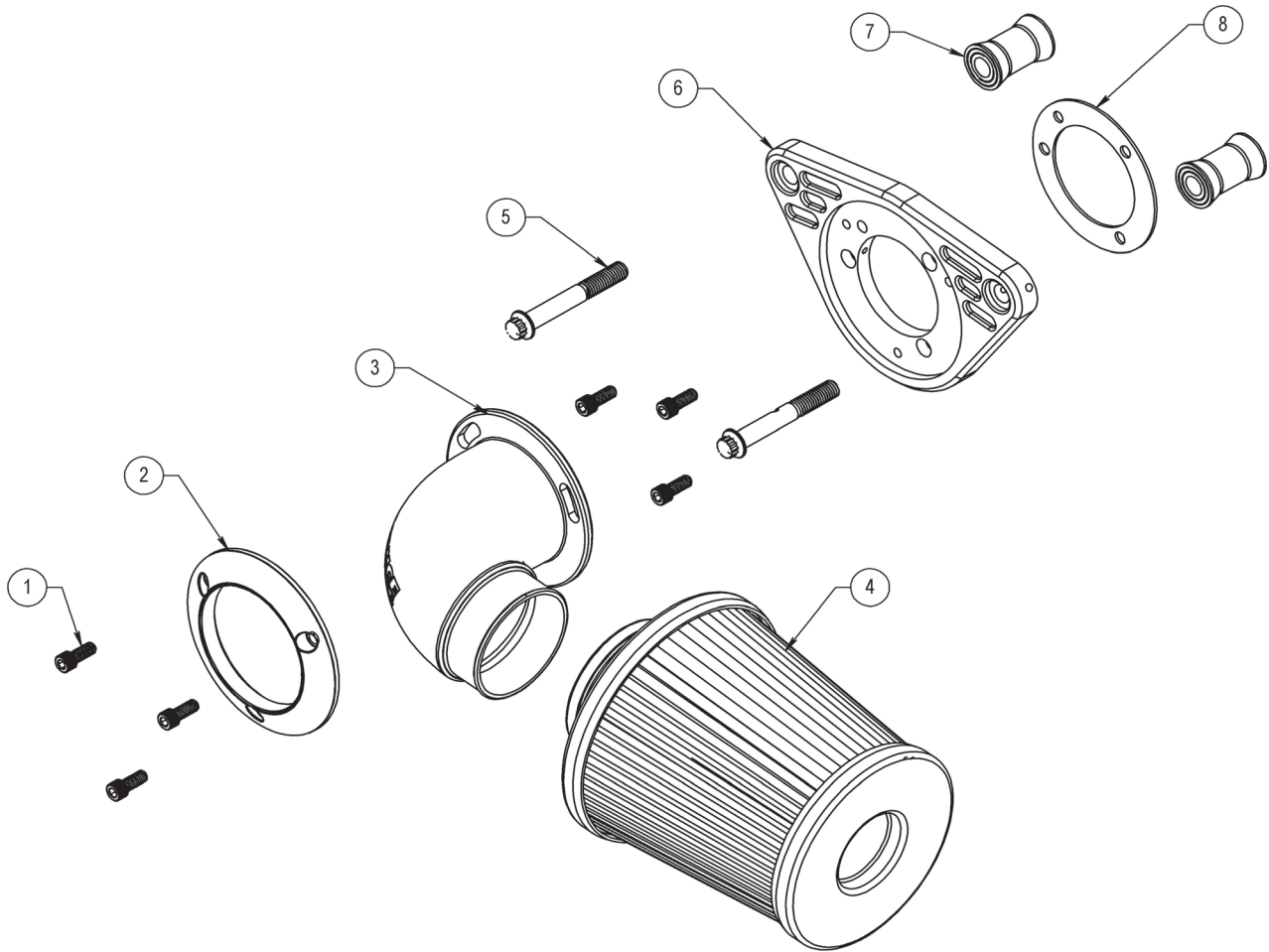




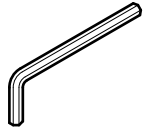
INSTALLATION INSTRUCTIONS: HARLEY-DAVIDSON MULTIFIT FALCON XL AIR INTAKE PART# 41122

Congratulations, you have purchased the finest air intake available for your motorcycle. Your Vance & Hines air intake is designed and crafted for performance, quality and style. Please follow the instructions below, check air intake kit for missing or damaged parts and if you need any assistance please contact our technical support line (562) 921-7461.

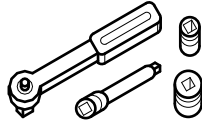


ITEM NO.	DESCRIPTION	QTY.
1	SHCS 1/4-20 X 5/8 STAINLESS	6
2	COVER RING	1
3	90 DEGREE ELBOW FORGED CF GLOSS W/ LOGO	1
4	FALCON XL FILTER - RED	1
5	12 POINT BREATHER BOLTS	2
6	MULTIFIT BACKING PLATE	1
7	BLACK STAND OFF MULTIFIT	2
8	THROTTLE BODY GASKET	1

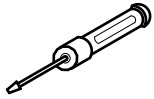
TOOLS REQUIRED



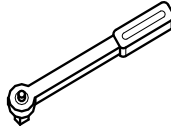
T27 Torx Wrench
3/16" Allen,
5/16" Allen



1/4" or 3/8" Drive Ratchet
7/16", 7mm Hex Socket and
3/8" 12 Point Socket



Phillips Screwdriver
5/16" Nut Driver



Inch-Pound Torque
Wrench

Loctite 243 (blue)

DEM SYSTEM REMOVAL

1. Take off the air filter cover by removing the 5/16" x 1/2" OE button head cap screw in the center
2. This will expose the filter element, which is then removed by taking out the three Torx head cap screws.
3. Also remove the breather hoses from the cylinder head breather bolts by gently pulling on them.
4. Remove the three bolts that secure the backing plate to the carburetor/throttle body and the two breather bolts that secure it to the cylinder heads.
5. Now remove the backing plate and gasket, on FI models the wiring mount clip should be carefully pulled out of the plastic housing. NOTE: Be sure that the gasket surface is clean and dry and that no gasket material remains stuck to it.

V&H AIR INTAKE INSTALLATION

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. Sandwich the throttle body gasket (8) between the air intake spacer (6) and the throttle body using three 1/4-20 x 5/8" screws (1). NOTE: Do not tighten at this time.
4. Install standoffs (7) between cylinder head and the air intake spacer (6) using two 12 point breather bolts (5). Tighten to 84-120 in-lbs. NOTE: Standoffs are symmetrical and can be installed in either direction. (See Fig. 1)

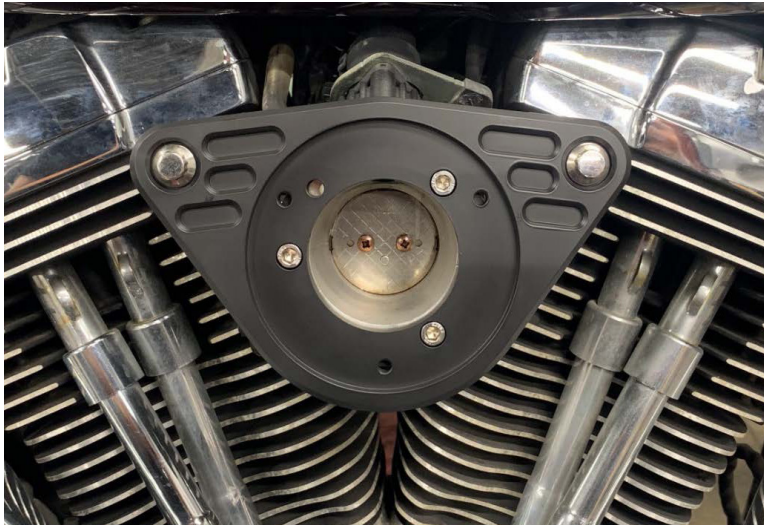


FIGURE 1

5. Tighten three 1/4"-20x5/8" screws to 40-60 in-lbs. (See Fig. 1)
6. Slide cover ring (2) on to the 90 degree tube (3). Then use the three 1/4-20 x 5/8" (1) screws to mount cover ring (2) and 90 degree tube (3) on to the air intake spacer (6). Tighten screws while aligning the 90 degree tube (3) parallel with the ground. (See Fig. 2)



FIGURE 2

6. Install air filter (4) on to the 90 degree tube. Clock the air filter (4) as shown in Figure 3 with metal band towards inside of bike. Tighten hose clamp until the air filter (4) is secure from sliding off the 90 degree tube (3). Do not overtighten.



FIGURE 3

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.

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