

Procedure

STEP 1 Remove the stock air cleaner assembly, mounting hardware, and hoses.

STEP 2 On the rear of the new backing plate, install the two 1/8" threaded plugs into the threaded holes. Install the 90-degree barbed fitting into the breather adapter; be sure the fitting is pointed up and towards the engine after installation.

STEP 3 Apply the gasket to the throttle body/carburetor; take care not to block any of the holes. Set the mounting bracket into position, then thread in the supplied breather bolts. Do not tighten the breather bolts yet.

NOTE Use the supplied shim washers to remove any gap between the bracket and the head. Failure to do so will result in a broken bracket.

STEP 4 Modify one of the supplied breather hoses by removing 1/4" from each end of the hose. Install this modified hose between the front head and the 90-degree barbed fitting on the breather adapter. Install the unmodified breather hose between the rear breather hole and the straight barbed fitting on the breather adapter. Secure the ends of both hoses with the supplied cable ties; snip the ends of the cable ties flush after installation.

STEP 5 Insert the 1/4-20 x 1-1/2" fasteners through the correct mounting holes from the front of the backing plate.

STEP 6 Install the gasket, breather adapter, and second gasket onto the protruding fasteners. When installing the two gaskets, be sure the unused hole in the gaskets align with the float bowl vent hole, at the 10 o' clock position (carbureted models only; the vent hole is not used on EFI models).

STEP 7 Maneuver the backing plate assembly into position on the carb or throttle body and secure the fasteners.

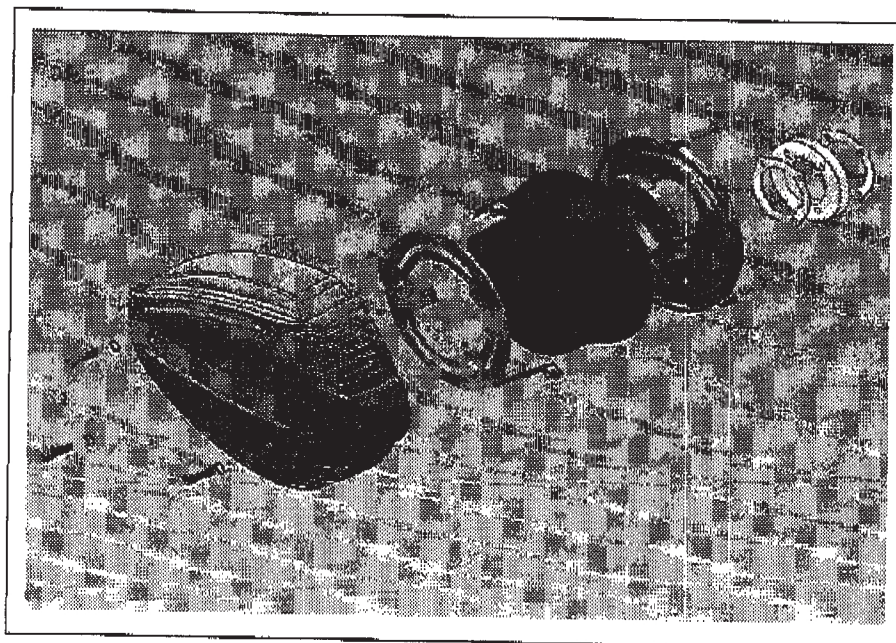
STEP 8 Tighten the breather bolts now.

STEP 9 Snap the dual velocity ring into place with the hole in the 10 o' clock position. This position is critical on CV carbureted bikes.

STEP 10 Set the air filter into position and secure with the filter cage. Insert the supplied 1/4-20 x 1" BSCS fasteners in from the back side of the back plate into the filter cage and tighten. Place the Wedge cover in place and secure with the 3 supplied 1/4" -20 x 5/8" fasteners with Plastic Washer.

FITS : '99-'09 TWIN CAMS WITH CV CARB

Parts	Included
1	Wedge Cover
1	Backing Plate
1	Dual Velocity Ring
3	1/4-20 x 1" blots
3	1/4-20 x 5/8" bolts
3	Plastic Washer
1	Air Filter
1	Support Bracket
1	1-1/4" Breather Bolts (pr)
1	Breather Hoses (pr)
4	Shim Washers, 0.030 thick
1	Breather Adapter for Twin Cam 5/8" Thick
1	90-Degree Barbed Fitting (Elbow)
2	Black Nylon Fitting for 3/16" Hose
1	16" Hose (not used)
1	Barbed Mini 3-Way Tee (not used)
3	1/4-20 x 1-1/2" Bolts
3	Gasket
4	Nylon Cable Ties
3	1/4-20 x 1" bolts <Fits 08-up Fuel-Injection>



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