

Installing Your Chief Power Plus 100" Air Cleaner

Tools Required:

¼" allen wrench
½" open end / box end wrench
17mm open end box end wrench
common screwdriver

Tools Suggested:

Torque wrench ft/lbs
Short ½" socket
Short ¼" allen socket
Spray lubricant

Remove the (2) 5/16-18 nuts from the upper air cleaner mounting brackets.

Rotate the rear mounting bracket slightly clockwise.

Gently pull the stock air cleaner outward, slightly twist to clear carb., cable assy.

Disconnect the 3/8" rocker box breather hose.

Disconnect the 3/16" carb. fuel bowl vent hose from the carb.

Connect and route the 3/16" (supplied) black vent hose beside the bowl overflow hose and zip tie the hoses together at two points.

Zip tie hose in place at carb., as not to interfere with the operation of the throttle cable, shift linkage, or forward control.

Remove the main jet access nut from the bottom of the carb.

Remove the stock main jet.

Install the .160 main jet (supplied).

Reinstall the main jet access nut to the bottom of the carb bowl.

Reroute the 3/8" breather hose, over the intake to the rear side of the carb.

Be careful not to restrict (kink) the breather hose.

Apply loctite to the 5/16-18 nuts.

Using the existing 5/16-18 nuts, attach the new mounting bracket to the motor mount studs.

Torque nuts to 15 ft/lbs.

Connect the 3/8" breather hose to the barbed fitting, on the backing plate of your new air cleaner.

Hold the new air cleaner in place, gently push over the carb. mounting ring, until the backing plate bottoms out.

Apply loctite to the 5/16-18 x 7/8" SHCS (supplied).

Start the 5/16-18 x 7/8" SHCS through the upper mount into the mounting supports.

Insure the air cleaner backing plat is still bottomed into carb.

Torque 5/16-18 bolts to 15 ft/lbs.

Check for proper operation of throttle.

Check for any fuel leaks.

Test ride bike in a controlled area, to insure proper operation of throttle.

As an extra precaution after a sustained higher rpm (interstate ride), check the spark plugs for proper burn condition.