

British Customs Low Profile Air Injection Removal Kit

Applications:

America/Speedmaster
Bonneville/Thrupton
Scrambler



Kit Includes:

2x Air Injection Block Off Screws
2x Sealing Rings (Copper)
1x Air Injection Plug
4x Rubber Vacuum Caps

Tools Required:

5mm Allen Wrench
13mm Wrench
8mm Wrench
Pliers
Flat Blade Screwdriver

This is a high performance product and intended for race use applications! USE AT OWN RISK!

WARNING: Laws concerning this product vary from state/province to state/province. Your state/province may prohibit its use on public roads or restrict its use to novelty, show use, off-road areas, or race facility areas only. In some states/provinces off-road uses are also prohibited. The manufacturer and retailer assume no responsibility for any use or application of this product in violation of any applicable law. Before installing this product, please check your state/province and local/municipal laws and regulations.

Step 1: Secure motorcycle in a well lit, flat work area.

Step 2: Remove seat, allowing access to the gas tank, and disconnect battery before starting installation.

Step 3 Using *8mm wrench* remove the two gas tank screws and move tank back. With the gas tank loose, remove fuel line from fuel feed valve by compressing the spring clamp. Remove gas tank vent line (black hose from tank) and remove tank from bike.

Step 4: Now, we will be removing the air injection controls from the bike. Remove the two black hoses from the air injection tubes located on the head. Using a *13mm wrench* remove air injection tubes from head.

Step 5: Trace back the two black hoses, that were removed from the air injection tubes on the head, to the factory air box. Remove both hoses from air box and valve assembly. The air injection valve assembly can be removed with a *13mm wrench* in two pieces.



Step 6: The carburetors and intake manifolds should be easy to access at this point. Remove all the hoses from the carburetor and manifold and follow them back to the charcoal box. (charcoal canister)

Step 7: With the factory hoses removed from the carburetors and manifolds, we will use the supplied four rubber vacuum caps to plug the factory fittings. There is one fitting on each carb/manifold that needs to be plugged.

Step 8: Remove left side air box cover using a *flat blade screwdriver*. With cover removed, plug air injection with supplied plug. Once plugged, reinstall side cover.

Step 9: Install supplied air injection block off screws on both sides of the head with copper sealing rings on each side. Tighten screws to 20Nm using a *5mm Allen wrench*.

Step 10: Refer to step 2 to reinstall tank. Install vapor line to tank and route to desired location to vent.

Torque specs :

Seat screws *5mm Allen wrench* at 10 Nm

Gas tank screws *8mm wrench* at 9 Nm



This is a high performance product and intended for race use applications! USE AT OWN RISK!

WARNING: Laws concerning this product vary from state/province to state/province. Your state/province may prohibit its use on public roads or restrict its use to novelty, show use, off-road areas, or race facility areas only. In some states/provinces off-road uses are also prohibited. The manufacturer and retailer assume no responsibility for any use or application of this product in violation of any applicable law. Before installing this product, please check your state/province and local/municipal laws and regulations.