



ROYAL ENFIELD AND AMAL SPARES

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Fitting instructions: Air injection delete kit for the 650 Twins

Part number: 90177

Note, to prevent the engine light falsely illuminating, do not turn on the ignition during the installation process.

The kit should include the following items:

- 2 x Blanking plates
- 2 x Gaskets
- 1 x Electrical connector
- 1 x Plastic plug
- 4 x Screws



1. Start by removing the seat and petrol tank from the bike to give access. Identify the air injection system, this runs from the front of the cylinder head above the exhaust ports, and runs back towards the top of the airbox.

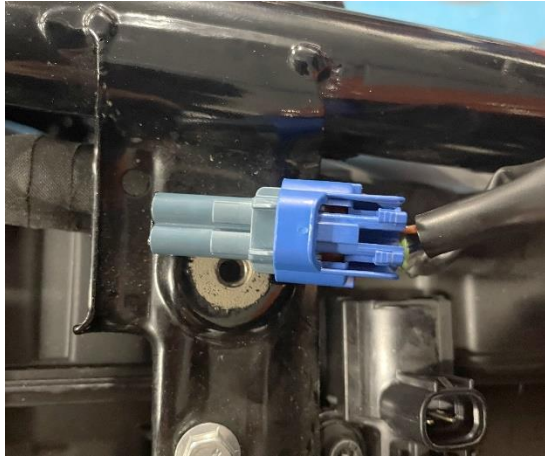
Original air injection components that will be removed are shown below:



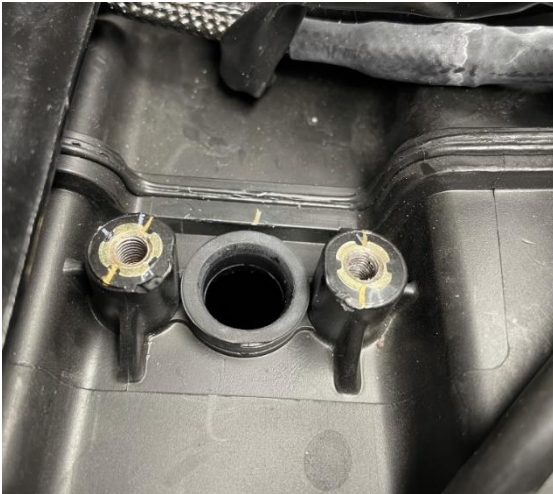
2. Identify the solenoid located on the top side of the airbox, disconnect the electrical connector, and unscrew the two retaining screws.



3. Fit the electrical connector supplied in the kit back into the bikes wiring loom.



4. The solenoid assembly can now be pulled away from the airbox to expose the hole.



5. Remove the rubber grommet from the air box.



6. Using the plastic blanking plug from the kit, push this into position to seal the airbox.



7. The reed valves are located at the front of the cylinder head to give better access to this area, it is best to remove the horns. In our photos we show this with the exhaust pipe removed, this is only to make the photos clearer and not needed in normal practice.



8. Remove all four screws holding the two covers.



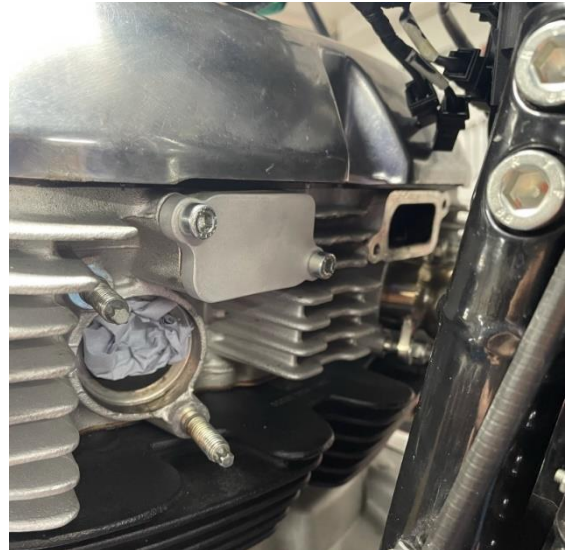
9. Pull the covers forward and remove both of the reed valves.



10. Remove the two covers, link pipes, solenoid, and associated parts as one unit from the bike, these will not be reused.



11. Fit the new blanking plate into place using the new gaskets and screws. Repeat for both sides.



12. Refit the horns, tank and seat back into place.