



015 | 015L | 020 | 020P | 024 | 060
Electric Piston Fuel Pump
Fitting Instructions

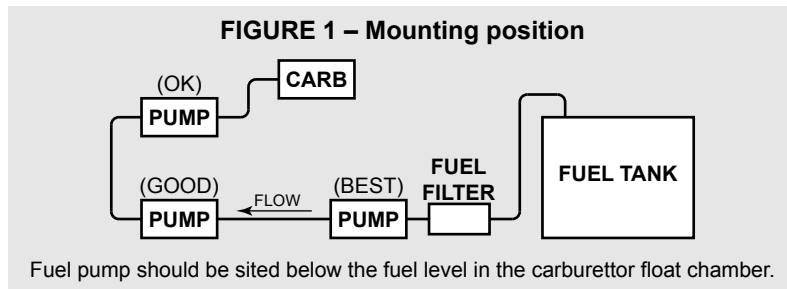
BEFORE FITTING

Investigate cause of original pump failure and rectify, to prevent a recurrence. Check for:

- Clogged fuel filter, *if so*, replace.
- Blockage, restriction, or faulty fuel line.
- Low voltage or intermittent power supply.

PLEASE READ INSTALLATION NOTES BEFORE PROCEEDING

1. Ensure selected pump model is correctly suited to engine requirements.
2. Fit supplied anti-vibration mounts to pump mounting lugs.
3. Select best position to mount pump (refer to figure 1 below). Fuel pump can be installed at any angle.
4. When vehicle has a fuel return to tank system, see 'Suggestion C' overleaf.
5. Mark positions and drill mounting holes (5/32" or 4mm).
6. Mount pump in position using screws and washers provided.
7. Fit inlet and outlet hoses. Use correct fuel resistant hose and clamps as required.
8. Connect red wire of pump to a key-controlled power source. Connect black wire to earth (for positive (+) earth vehicles, reverse connection). Ensure that power supply line to pump is protected with a 3-5 amp fuse. Hook up wire should be rated 2 amp or higher.
9. Switch vehicle on and test pump. If pump does not operate, check electrical polarity.
10. Check for fuel leaks and rectify as required.



- In areas of high ambient temperature, installation close to fuel tank is essential to overcome vapour lock problems, which can occur.
- A squirt of 2 stroke or diesel fuel into the outlet of the pump before installation will assist with faster priming of the pump on initial start-up.
- An in-line filter should be fitted between the fuel tank and pump inlet.

SUGGESTIONS

A. ELECTRIC FUEL PUMP REPLACEMENT

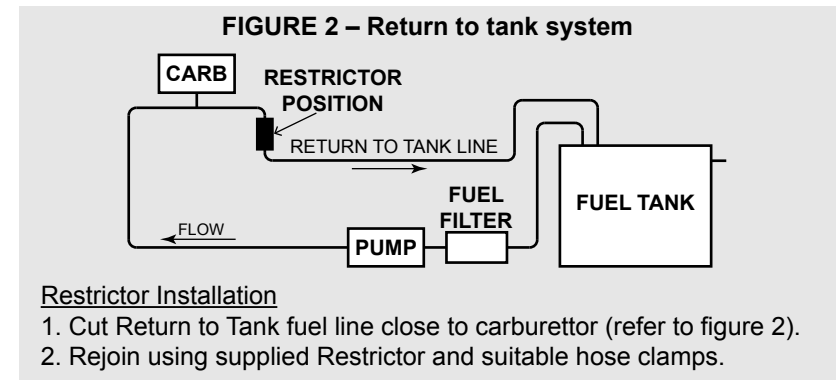
The excellent suction performance of FUELFLOW universal electric fuel pumps will, in many cases, pull fuel through in-tank or separately mounted electric pumps. Therefore there may be no need to remove the faulty pump, but it should be bypassed or removed whenever possible.

B. MECHANICAL FUEL PUMP REPLACEMENT

Disable faulty pump by removing operating lever from pump and refitting faulty pump to engine. The FUELFLOW replacement pump can then be connected directly to the carburettor fuel inlet or low pressure diesel filter inlet.

C. RETURN TO TANK (CONSTANT FLOW / FULL FLOW) FUEL SYSTEM

A 'Fuel Return Line Restrictor' is supplied in this kit. Its purpose is to ensure adequate pressure and flow into the carburettor. Without a restrictor fitted in the return to tank line, the pump may not deliver enough fuel to the carburettor in heavy demand situations.



IMPORTANT INFORMATION

The fitting suggestions contained herein are suggestions only and purchasers / installers must ensure that selected FUELFLOW product is correct for intended application and is installed using sound technical practices.

WARNING

Never perform fuel system repairs on a hot or operating engine. Fuel spillage can explode or ignite when in contact with hot engine parts or if electrical sparks occur. Disconnect battery before commencing repairs. Clean up any fuel spillage before testing. Ensure a fire extinguishing device is available for immediate use whenever fuel system repairs are being carried out.

WARRANTY

Product warranty liability is restricted to supply of replacement product only. All freight, installation, towage, salvage, labour or other repairs and / or service charges relating to product warranty replacement are specifically excluded from liability. Tampering with pumps voids warranty