



## GAS BOTTLE 12 AND 18 KG AUTOMOTIVE CYLINDERS

### OPERATING INSTRUCTIONS

**DESCRIPTION:** An automotive cylinder designed to give LIQUID PROPANE offtake only when operating in the horizontal or vertical position. The body of the automotive cylinder is painted red and the shroud black.

**USE:** For those customers using automotive cylinders on an exchange basis

### INSTRUCTIONS FOR CHANGING A CYLINDER

1. Park truck and apply handbrake. Ensure that there are no naked flames or smoking in the vicinity of the truck.
2. Close cylinder offtake valve and allow engine to stop before switching off ignition.
3. Release coupling connection from the cylinder offtake valve by hand; care should be taken that the face of the union is not damaged by dropping the flexible hose after disconnecting, or that the sealing surface becomes dirty.
4. Release cylinder holding brackets or clamps and carefully remove empty cylinder. **DO NOT** drop or otherwise mistreat the cylinder. Remove cylinder to a suitable storage site for collection; full and empty cylinders should be segregated and any damaged or faulty cylinders clearly labelled.
5. Position the replacement cylinder on truck. When horizontally mounted cylinders are used the **ARROW MUST BE POINTING VERTICALLY DOWNWARDS** with the locating peg fitted into the hole in the cylinder shroud. The cylinder must then be securely clamped.
6. Check that the synthetic washer in the offtake valve is in position and in good condition.
7. Re-connect the flexible hose and tighten the coupling by hand, ensuring that the coupling is screwed fully home to completely open the self-sealing valve.
8. Open cylinder offtake valve **SLOWLY** to its full extent. Opening this valve quickly may cause the automatic excess flow valves to close and so impede the flow of gas to run the engine.
9. Start engine in the normal way

**NOTE 1 – LEAKS:** In the event of a suspected leak drive truck to open air, ensure that there are no naked flames or smoking in the vicinity of the truck and then check the installation with soapy solution, **NEVER** search with a naked flame to determine the point of leakage.

If a leak is found, remove the cylinder to an open space clear of buildings, people, sources of ignition and drains – then **NOTIFY ACE HANDLING IMMEDIATELY.**

**NOTE 2 – PROTECTION OF CYLINDERS:** Care must be taken to ensure that LPG cylinders are correctly positioned on trucks to avoid damage and ensure safety. The most appropriate position will normally have been assessed and provided by the truck supplier, but users should always make their own assessment against their usage conditions. The cylinder **MUST NOT** overhang the truck body. **IF IN DOUBT CONSULT ACE HANDLING.**