

## Operating Instructions 12 and 18 kg Liquid Offtake (LOT)s Cylinders

### Description

A LOT cylinder designed to give liquid propane offtake only when operating in the horizontal or vertical position. The body of the LOT cylinder is painted red and the shroud black.

LIQUID OFF-TAKE CYLINDERS  
(Use Vertically/Horizontally)  
Not refillable by Customer – exchange service only.



### Use

For those customers using LOT cylinders on an exchange basis.

### Instructions for changing a cylinder

1. Park truck and apply handbrake. Ensure that there are no naked lights, no smoking, or other sources of ignition including the use of mobile phones, pagers or radio transmitters, are permitted 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, slowly; 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. Replace the blue sealing cap (right hand thread) on the cylinder valve. Remove cylinder to a suitable storage site for collection. Full and empty cylinders should be segregated and any damage or faulty cylinders clearly labelled.

N.B **Be careful when lifting cylinders.** Full cylinder weighs approximately twice the nett weight shown.

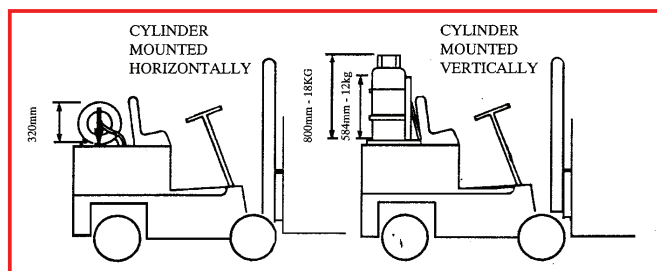
5. Position the replacement cylinder on truck. When horizontally mounted cylinders are used the **ARROW ON THE BASE MUST BE POINTING VERTICALLY DOWNWARDS** with the locating peg fitted into the hole in the cylinder shroud. The cylinder must then be securely clamped.

6. Ensure the cylinder offtake valve is in the closed position before removing the blue sealing cap (right hand thread) and that the black rubber washer inside the 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. This is a safety feature and if it occurs turn off the cylinder, wait a few minutes and then retry.

9. Start engine in the normal way



## Notes

**Appropriate PPE must always be worn when changing cylinders. Gloves, preferably gauntlets, goggles or face shield, long sleeved cotton overalls and safety footwear are recommended.**

In the event of a **suspected leak** drive the truck to open air, ensure that there are no naked lights, smoking or other sources of ignition in the vicinity of the truck and then check the installation with a leak detection solution, **NEVER** search with a naked flame to determine the point of leakage.

**Care** must be taken to ensure those 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 YOUR TRUCK SUPPLIER.**

**If you require further advice please contact the Technical Help Desk at Tachbrook Park (0845 602 1143)**

**CALOR GAS EMERGENCY SERVICE – 0845 7 444999  
(ALL CALLS CHARGED AT LOCAL RATE)**

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