

## Filling Gaslow Cylinders With LPG

### Guidelines for the safe refilling of LPG

All Gaslow Refillable cylinders are designed to be refilled from any LPG or Autogas service station. The Gaslow cylinders have all the relevant safety features and 80% fill restrictions to allow safe filling so the cylinder will automatically shut off filling when the 80% level is achieved.

Most Gaslow installations will have a remote filling kit mounted on the body of the vehicle or in the gas locker, these filling kits have a standard LPG UK Bayonet fitting which has a non-return valve fitted and is identified by two lugs visible on the side of the brass filler point body. If you are abroad and need to fill up with LPG you can do this simply by attaching the appropriate continental fill adapter into the Bayonet filler to adapt for the country you are in, it's as simple as that!

Continental fill adapters are available from Gaslow, or any Gaslow stockist.

### Health and Safety of Filling

When arriving at the Autogas pump the vehicle engine must be stopped and the vehicle handbrake applied. Ensure that no form of ignition is present either in the form of someone smoking or that an appliance in the vehicle may try to start up i.e. a fridge trying to run on gas.

### General Filling Guidelines

All Gaslow refillable cylinders are fitted with an automatic stop fill valve which is set at 80% of the cylinders volume, which will in normal operation prevent the cylinder from being overfilled. If an overfill does occur, inform the garage operator that the pump needs to be inspected by an engineer. It is recommended that the Gaslow cylinders are also inspected to ensure safe operation.

At no point once the pump has automatically stopped dispensing should you try to fill again to get more LPG in the cylinder, this can and will cause an overfill.

### Filling Nozzles

Currently in the UK there are three styles of LPG nozzle's used in service stations

- LG30 Gasguard which looks like a petrol nozzle trigger
- GG30 Gasguard which is the latest nozzle which has a protection shield around the nozzle
- V10 De Visser is an older style pump head which has a lever mounted on the top of the nozzle

All three styles of nozzle will fit directly onto the Bayonet type fitting nozzle, which will connect directly onto the vehicle.



**GG30 & LG30**



**V10 De Visser**

### Safety Note

When filling with LPG, you must always ensure that the nozzle is correctly fitted and clamped securely to the filling point. This should stop any possible release of LPG due to a poor connection.

Please be aware that if the pump nozzle is not connected correctly it may not dispense LPG until the nozzle is correctly installed.

## **ENSURE THAT YOUR GASLOW CYLINDERS ARE TURNED OFF BEFORE FILLING!!**

### **Filling Instructions**

#### **Gas Guard GG30 and LG30 instructions**

1. Push nozzle over the lugs on the filler valve and turn nozzle barrel a quarter turn clockwise to lock. Do not squeeze lever before nozzle is connected. From this moment onwards ensure that you do not hold the nozzle barrel.
2. Pull back lever and latch into place, ensure lever is latched securely. Push the FILL button on the dispenser and hold until the fill is complete or desired amount reached.

#### **Disconnecting**

Ensure hands are away from the nozzle barrel

3. When dispensing has ended, squeeze back on the lever and release the latch, then release the lever fully.  
**A small release of gas will occur as you release the lever. This is normal!**  
**Do not place hands on the nozzle barrel until after the gas has been released.**
4. Turn the nozzle barrel anti clockwise a quarter of a turn to release the nozzle from the filling point on the vehicle. Replace the nozzle back in the dispenser and replace the cap back on your filling point.

#### **De Visser nozzle filling instructions**

Ensure De Visser nozzles are fitted with protective nozzle shields, report to site staff if missing.

#### **Connecting**

1. Hold the hose behind the nozzle and the guard, keeping the lever pushed forward with the handle in the 12 o'clock position.

Locate the nozzle over the lugs on the filler valve and turn the lever a quarter turn clockwise to lock.

**From this moment ensure hands are clear of the nozzle barrel**

2. Pull back lever towards hose and latch into place. Ensure lever is latched securely.  
Push the FILL button on the dispenser and hold until the fill is complete or desired amount reached.

#### **Disconnecting**

**Ensure hands are away from the nozzle barrel.**

3. Hold rubber hose behind lever, release the lever by pushing forward.  
**A small release of gas will occur as you release the lever. This is normal!**  
**Do not place hands on the nozzle barrel until after the gas has been released.**
4. Turn lever a quarter of a turn anti clockwise to release the nozzle from the filling point on the vehicle. Replace the nozzle back in the dispenser and replace the cap back on your filler point.

For First Aid relating to LPG please see separate information sheet in the FAQ section of the website.

## Frequently Asked Questions

### **Why does my LPG system fill slowly?**

If your LPG system fills slowly you must first ensure you have the filler nozzle correctly fitted to the vehicle filling point, if unsure follow the instructions above on how to fit the filler nozzle to your vehicle. If you find that the filler nozzle is not correctly seated to the vehicle when you start dispensing LPG, remove your hand from the filler pump button, remove the pump nozzle from the vehicle and retry fitting again. If you continue having problems fitting the pump nozzle to the vehicle **Do Not** continue the use of this pump, move on to another filling station.

The list below will give you other reasons for slow filling:

1. The pump you are filling from is faulty.
2. The garage has run out of LPG.
3. Your cylinders are already full and do not require filling.
4. Filler hose has been crushed or bent at an acute angle, stopping LPG flowing.
5. Filler valve where the pump fits to is jammed due to contamination.

The above list is just some examples of what can cause slow filling. If you are unsure, please always contact Gaslow for further help.

Always ensure your cylinders require filling before attempting to as one of the biggest misconceptions is that you have been away for the weekend and used some gas but on the way home decide to top up. **Please bear in mind that one litre of liquid gas produces between 233-274 litres of flammable gas at 15 degrees centigrade.**

If the garage has run out of LPG you may notice that the pump will prime up and start dispensing LPG at a very slow rate and then stop, sometimes only putting a few pence worth of LPG into your cylinders. If this happens, we suggest you pay for what you have dispensed then move onto another garage if you are sure you need gas.

You may find that your heating or other appliances have stopped working and assume that you have run out of gas so need to go and fill. If you have a twin cylinder system try using the other cylinder if you normally have one cylinder on and one off, if your appliances work on the cylinder you just turned on you know your other cylinder is empty and will need to be filled.

If on the other hand your heating stops working but your cooker hob and fridge continue to work this could mean you have an imminent regulator failure or a failure of the heating system. **Do Not** always assume that just because one appliance stops working that you have no gas, it could be another fault.

Rule of thumb is if the pump primes and fills fast then stops quite abruptly all is good, if on the other hand the pump runs fast, slows but does not stop then you must release your hand from the pump button as your cylinders have reached the 80% but the pump is trying to continue filling slowly due to a faulty pump. If the pump runs slowly from the start, then you have one of the above problems and the pump should not be used. Slow pumping of LPG at the garage forecourt is the number one question we are asked as it is assumed that more gas has been used than has!!

Please remember that an 11kg cylinder takes approximately one minute 36 second to fill from empty so if you have a twin system it should take no longer than just over 3 minutes to fill both from empty.

If you are in any doubt about filling with LPG, then please contact us for advice.