

Guidelines for the Safe Refuelling of Autogas Vehicles

Health and Safety of Refuelling

The driver, when pulling up to the Autogas dispenser, is to apply their hand brake and switch off the engine.

No ignition sources should be present including no smoking, no naked flames or mobile phones.

General Filling Guidelines

For a complete guide to filling an LPG vehicle with LPG please refer to appendices 1 and 2 of this guidance note.

Note: The vehicle's LPG tank is fitted with an automatic stop fill valve is set at 80% of the tanks volume, which should prevent the vehicle from being overfilled. If an overfill does occur, put the nozzle out of action and call and Engineer to inspect it. It is recommended that the driver of the vehicle should get their vehicle inspected by a recognised LPG servicer.

Filing Nozzles

There are two types of filling nozzles commonly used

- LG30 Gas Guard™
- V10 DeVisser™

Both types of filling nozzle use the Bayonet type nozzle connection, which should connect directly on to the vehicle filler point.

Adaptors and Portable LPG Cylinders

Adaptors are not recommended for use at Autogas tanks. Calor also complies with the UKLPG guidance and does not to allow the filling of owner used portable refillable LPG cylinders at Autogas refuelling sites. A copy of this guidance can be found on the UKLPG website www.uklpg.org.

Safety Note

When filling the vehicle, you must always ensure that the nozzle is correctly fitted and clamped. This should stop any possible product release due to a poor connection seal.

First Aid

If any product is released and comes in contact with you or the customer the following first aid measures should be used:

Inhalation: Remove the affected person to fresh air. Keep the patient warm and at rest. If breathing has stopped administer artificial respiration. Give external cardiac massage if necessary. If the person is breathing, but unconscious, place them in the recovery position. Obtain medical assistance immediately.

Skin: Burns should be flushed with tepid water to normalise temperature and until circulation returns. Cover the burns with sterile dressings. Do not apply ointments or powders. Obtain medical assistance immediately.

Eyes: Cold burns should be flushed immediately with water normalise temperature. Hold eyelids apart while flushing to rinse entire surface of the eye and lids with water. Cover the eye with a sterile dressing and obtain medical assistance immediately.

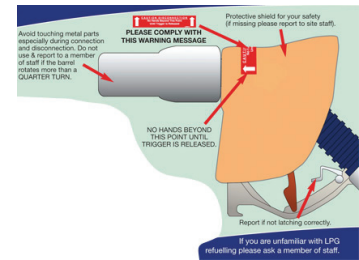
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Filling Instructions

Always check that the nozzle is disconnected from the vehicle and replaced in the dispenser holder before the vehicle is driven away.

Gas Guard™ nozzle filling instructions

Example showing the nozzle shield
(Nozzle shields have been removed for picture clarity)



Connecting



1. Push nozzle over the lugs on the filler valve and turn barrel quarter turn clockwise to lock. Do not squeeze lever before nozzle is connected.

From this moment onwards ensure hands are away from the nozzle barrel.



2. Pull back lever and latch into place. Ensure lever is latched securely.

Push the 'FILL' button 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 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 barrel until after the gas has released.

4. Turn the barrel anti clockwise a quarter turn to release nozzle from the vehicle. Replace nozzle in holder on dispenser.

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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 lever pushed forward with the handle at the 12 o'clock position.

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

From this moment ensure hands are away from the nozzle barrel.



2. Pull back lever towards hose and latch into place. Ensure lever is latched securely.

Push button and hold until the fill is completed or desired amount reached.

Disconnecting



Ensure hands are away from the nozzle barrel.

3. Hold hose behind guard and release lever by pushing forward. (Do not place hands on the nozzle until after the gas has been released).

A small release of gas will occur as you release the lever. This is normal!

4. Turn lever anti clockwise quarter turn to release nozzle from vehicle. Replace nozzle in holder on dispenser.

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