

NEW VALVES ON LPG CYLINDERS

WHAT HAS CHANGED?

The new Leisure Cylinder Connection 27 (LCC27) valve has been designed to include an added safety back check valve that must be connected to an appliance before the gas can flow, reducing any risk of gas leaks. This change has been advocated by the Australian LPG Industry to improve safety for customers. The new regulations will be implemented across all States & Territories improving consistency around safety & messaging.



Image 1

MAIN DIFFERENCES BETWEEN THE OLD AND THE NEW VALVES

1. The LCC27 will have an external thread on the fitting (**refer to image 2**). This new thread will be used for new appliances with the LCC27 connection in the future, and has a right-hand thread.
2. Internally, the LCC27 valve has additional seals for a greater level of safety (**refer to image 1**). This means gas will only flow when an appliance is connected.
3. The current connection hose (**refer to image 6**) will connect both to the current valve and the new type valve. The new type 27 connection hose will only connect to the new type 27 valve.
4. Initially, there are no changes to the current hose connections, so you will be able to use both valve types without any trouble as the LCC27 BBQ cylinder valve is compatible with both connections. However, in the future, you will need to know what type of connection your appliance has.
5. BBQ cylinders with a POL valve (**refer to image 3**) that are still in their test date will be able to be used as normal as long as the appliance connects correctly. If you upgrade your BBQ or outdoor heater and it comes with a new LCC27, you will need to swap your cylinder to suit.



Image 2

New Type 27 (LCC27)
LPG valve. Phasing in
from 1 April 2021



Image 3

Current type 21 (POL)
LPG valve. Phasing out
from 1 April 2021 -
complete phase out
over next ten years

NEW BBQ HOSE CONNECTIONS

All new appliances sold must be fitted with a new connection.

From 1 April 2022 the new connection will be mandatory on all new BBQs, patio heaters and other outdoor LPG appliances with a hose assembly manufactured after this date.

The new LCC27 hose connection (**refer to the image 5 below**) has been designed specifically for the LCC27 valve and contains the thermal cut-out feature to stop gas from flowing if there is a fire.

The new appliance connection attaches to the new valve using the outside thread, rather than the inside. It is easier to attach due to the large plastic nut and is screwed on in a clockwise direction.

Don't use adaptors

If you have a new BBQ or appliance with a new connection, you must not use an adaptor to connect to the old Type 21 or POL cylinder connection.

Adaptors are an additional leakage risk and the change from a right-hand thread on the appliance LCC27 connector to a left-hand thread on the POL cylinder valve means tightening one side of the adaptor risks creating a new leak at the other end of the adaptor.



New Type 27 (LCC27) LPG valve.
External thread

Image 4

Image 5



New Type 27 (LCC27) appliance connection (hose).
Phasing in from 1 April 2021 and mandated from 1 April 2022.
Only compatible with the new New Type 27 (LCC27) LPG valve

Image 6



Current type 21 (POL) appliance connection (hose). Phasing out for new LPG appliance by April 2022.
Compatible with both New Type 27 (LCC27) and current type 21 (POL) LPG valve