



WORTHINGTON
CYLINDERS
A Worthington Industries Company

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Keystone RV

RE: Lp-Gas Filling / Premature Shut Off and Filling Guideline Resources

Premature Shut Off:

This condition occurs either during the purging or filling process when lp-gas is caught inside the internal portion of the Overfill Protection Device (O.P.D.) valve body prematurely closing the valve by moving the components into the closed position and stopping the inward flow of gas. When the float is positioned in the engaged position, it will prevent further filling. While this is not necessarily the result of the actions of the propane filler, they should be able to correct the issue by using the instructions given below:

Trapped propane must be purged from the OPD to allow the float/arm to move back down into the open position. This can be accomplished by the following steps. These steps should only be performed by a trained propane technician. Failure to know and understand the properties of lp-gas and the hazards associated with lp-gas can result in property damage, personal injury or death.

1. With the valve in the closed position, attach an open ended fitting (i.e.; doesn't contain an excess flow check valve) to the outlet of the cylinder valve.
2. Slowly open the handwheel allowing the propane to vent through the outlet of the valve. This relieves the interior pressure in the OPD and allows the float to drop back to the open position.
3. Close the cylinder valve and remove the open ended fitting.
4. Connect the cylinder filling device to the outlet of the cylinder. Engage the transfer pump and open the quick fill on the filling device. Slowly open the cylinder valve approximately $\frac{1}{4}$ of a revolution. This process will minimize the splashing inside of the cylinder. After about 15-20 seconds, open the handwheel 1-2 turns until filling is completed.

**NOTE: The propane has to be vented out of the connection outlet versus the 10% screw.*

Filling Resources:

Additional information / training materials can be found at:

Propane Education and Research Council.

1140 Connecticut Ave NW.

Suite 1075

Washington, D.C 20036

(202) 452-9054

<http://www.propanecouncil.org>