

Before performing any service always follow applicable safety precautions.

LP Dual Tank Assembly Changeover Regulator Operation

Affected Products: All mobile units with the Cavagna changeover regulator

Affected Serial Range: N/A

Related Issue #: N/A



Issue Description:

There has been an increase in warranty claims concerning the operation of the changeover regulator. When the supposedly defective regulator is returned, it is tested by Southern Pride and is determined to function properly.

Actions Required:

The regulator should be operated in accordance with the manufacturer's instructions attached to the regulator and the instructions included on page 29 of the smoker's Owner's Manual.

Proper operation of the changeover regulator is as follows:

1. Make sure there is propane in both cylinders before you start.
2. Rotate the white knob on the front side of the regulator until the indicator arrow points toward the cylinder you want to use first. This will be the "service" cylinder and the other will be the "reserve" cylinder.
3. Slowly open BOTH cylinder valves. The indicator in the knob of the regulator will turn bright green. The indicator color will stay green as long as there is fuel coming from the service cylinder.
4. When the service cylinder empties, the regulator will start drawing from the reserve cylinder providing an uninterrupted fuel flow to the system. When it switches over, the indicator color changes from green to red. This red color indicates that the service cylinder is empty and needs to be filled.
5. To remove the empty cylinder, rotate the knob halfway between the two cylinders, the indicator will turn green, and the reserve cylinder becomes the service cylinder.

Actions Required (continued):

6. Next, shut off the cylinder valve on the empty cylinder.
7. Turn the knob the rest of the way to the reserve cylinder, the reserve cylinder is now the service cylinder.
8. Now disconnect the empty cylinder and have it refilled.
9. After refilling, reconnect the pigtail and slowly open the cylinder valve. The full cylinder now becomes the reserve cylinder.
10. Check that all connections are tight and there is no gas leak, by using a soap and water solution as described on page 27 of the smoker Owner's Manual.

Additional Comments:

Any changeover regulator returned under warranty and found to be in working condition will not be covered under warranty and the customer will be billed for the replacement regulator and any labor incurred for the service call.

Secondary Distribution:

Service technicians within the Distributor's organization.
Service companies.

For Additional Information:

Southern Pride Technical Service: (800) 437-2679