

ASK THE EXPERT: How to Perform a Leak Test on your BBQ

A leak test ensures that there are no gas leaks prior to lighting your barbecue.

When Should I Perform a Leak Test?

1. Before lighting your BBQ for the first time, especially if the grill was purchased fully assembled
2. Every time the propane cylinder is refilled
3. Every time a tank is replaced
4. Every time gas components are replaced
5. At the start of every season and a minimum of once per season
6. After prolonged period of storage or non-use
7. If the regulator flow limiting device has been activated.
8. If the BBQ is difficult to light or you smell gas
9. If burner performance is irregular or poor

Please Note: Visually inspecting the gas line on a regular basis to ensure it is not damaged by either pets or rodents.

What You will Need for Testing

1. A mixture of 50% liquid dish soap and 50% water
2. A paint brush or spray bottle to apply the mixture

Areas to test on Propane BBQ

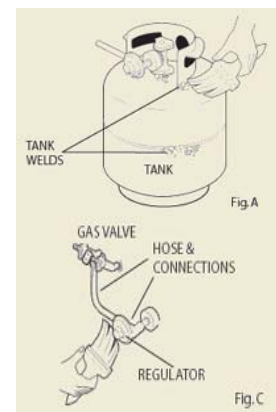
- All propane cylinder welds
- Propane cylinder valve-including threads into cylinder
- Regulator fitting and propane cylinder connection
- All hose connections including side burner, and rotisserie burner metal or PVC hose, if equipped

The leak test should be performed in a well ventilated area away from any open flame, heat or ignition source.

How to Conduct a Leak Test

1. Create a mixture of 50% water and 50% liquid dishwashing soap.
2. Open the lid
3. Ensure all control knobs are set to the “OFF” position
4. Twist the valve on your propane cylinder 1 turn, or the main natural gas valve on.
5. Apply the soap water mixture onto all components and connections as outlined
6. Observe each place for growing bubbles, which indicates that a leak is present
7. Should there be a leak, shut off gas flow. Tighten any leaking connection and repeat test until no leaks are detected.
8. If there are no leaks present, turn tank valve off.

WARNINGS:



**DO NOT IGNITE THE BURNERS WHILE PERFORMING THE LEAK CHECK
DO NOT LEAK TEST USING OPEN FLAME.**

Do I Ever Need to Leak Test the Manifold?

All manifolds undergo rigorous QC tests at the factory prior to assembly. Under normal circumstance leak testing the manifold is unnecessary. If you suspect any damage to the manifold as a result of a grease fire, or flash fire, a leak test should be performed.

How Can I Access the Manifold to Conduct a Leak Test?

1. Remove all the control knobs by pulling them off.
2. Remove the four (4) screws on either side of the control panel, located under the side shelves.
3. Follow by removing the control panel.

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