

Continental 63249

Continental 63249 Molded Heater Hose Instruction Manual

Model: 63249 | Brand: Continental

1. PRODUCT OVERVIEW

The Continental 63249 Molded Heater Hose is engineered for transferring glycol-based coolants within a vehicle's heating and cooling system. This hose is designed to connect various components, including the heater core and radiator bypass, ensuring efficient coolant circulation. Its construction and design are optimized for proper fit and reliable performance in automotive applications.

This product features an EPDM tube and cover, reinforced with a synthetic knit, making it compatible with a wide range of coolants, including ethylene glycol- and propylene glycol-based coolants, as well as organic acid modified, long-life coolants. It meets or exceeds SAE 20R3EC Class D1 and Class D2 specifications and is resistant to Electrochemical Degradation (ECR).



Image 1.1: The Continental 63249 Molded Heater Hose. This image displays the black, molded rubber hose with its characteristic curved shape, designed for specific routing within a vehicle's engine compartment.

2. KEY FEATURES

- **Precision Engineered:** Designed and tested for optimal performance and fit.
- **Maintains Full Flow:** Ensures consistent and unrestricted coolant circulation.
- **High Heat Resistance:** Capable of withstanding temperatures from -40°F to 275°F (-40°C to 135°C).
- **Highly Durable:** Constructed with EPDM material for longevity and resistance to wear.
- **Maximum Performance:** Engineered to deliver reliable and efficient operation within the cooling system.

- **Coolant Compatibility:** Compatible with most coolants, including ethylene glycol- and propylene glycol-based, and organic acid modified long-life coolants.
- **Electrochemical Degradation (ECR) Resistant:** Designed to resist common causes of hose failure.

3. SPECIFICATIONS

Attribute	Detail
Brand	Continental
Model Number	63249
Material	EPDM (Ethylene Propylene Diene Monomer)
Temperature Range	-40°F to 275°F (-40°C to 135°C)
Inner Diameter (ID) Range	1/4-inch to 1-3/8-inches (includes intersect hose configurations)
Compliance	Meets or exceeds SAE 20R3EC Class D1 and Class D2 specifications
Product Dimensions	Approximately 5.24 x 12 x 4 inches (L x W x H)
Item Weight	Approximately 3.2 ounces
Manufacturer Part Number	63249
UPC	037256164613

Note: Not for use in fuel or oil transfer applications.

4. INSTALLATION AND SETUP

Proper installation is crucial for the longevity and performance of your heater hose. If you are unsure about any step, it is recommended to consult a qualified automotive technician.

4.1. Safety Precautions

- Always allow the engine to cool completely before working on the cooling system to prevent burns from hot coolant or engine components.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the vehicle is on a level surface and securely supported if lifting is required.
- Disconnect the negative terminal of the vehicle's battery before starting work.

4.2. Tools and Materials Required

- New Continental 63249 Molded Heater Hose
- Hose clamps (if not reusing existing ones, ensure they are in good condition)
- Coolant drain pan
- Pliers or hose clamp removal tool
- Screwdriver (for screw-type clamps)

- Utility knife or hose cutter
- New coolant (compatible with your vehicle)
- Clean rags

4.3. Installation Steps

1. **Drain Coolant:** Place a drain pan under the radiator and open the drain cock to drain the coolant. Some coolant may also drain when removing the heater hose.
2. **Locate and Remove Old Hose:** Identify the heater hose to be replaced. Use pliers or a hose clamp tool to loosen and slide back the clamps on both ends of the old hose. Carefully twist and pull the old hose off the heater core and engine connections. Be prepared for additional coolant spillage.
3. **Inspect Connections:** Clean any corrosion or debris from the heater core and engine connection pipes. Ensure they are smooth and free of sharp edges that could damage the new hose.
4. **Install New Hose:** Slide new hose clamps onto the new Continental 63249 hose. Carefully push the new hose onto the heater core and engine connection pipes, ensuring it is fully seated. Position the clamps over the connection points and tighten them securely, but do not overtighten, as this can damage the hose.
5. **Refill Coolant System:** Close the radiator drain cock. Refill the cooling system with the appropriate coolant mixture.
6. **Bleed Air:** Start the engine and allow it to reach operating temperature with the heater on full blast. Monitor the coolant level and add more as needed. Squeeze the upper and lower radiator hoses to help purge air from the system. Ensure all air is bled out to prevent overheating.
7. **Check for Leaks:** After the engine has run for a while and cooled down, inspect all connections for any signs of leaks. Re-check coolant level after a test drive.

5. MAINTENANCE

Regular inspection and proper maintenance can extend the life of your Continental heater hose and prevent cooling system issues.

- **Visual Inspection:** Periodically inspect the hose for cracks, bulges, hardening, softening, or signs of leakage. Pay close attention to the areas near the clamps.
- **Hose Clamp Check:** Ensure hose clamps are tight and free from corrosion. Replace any corroded or damaged clamps.
- **Coolant Level and Quality:** Regularly check your coolant level and ensure it is clean and at the correct concentration. Contaminated or old coolant can accelerate hose degradation.
- **System Pressure:** Ensure your cooling system maintains proper pressure. Over-pressurization can stress hoses.
- **Avoid Contaminants:** Keep the engine bay clean and free from oil or fuel spills, as these can degrade rubber components.

6. TROUBLESHOOTING

If you encounter issues with your heater hose or cooling system, consider the following common problems and solutions:

- **Coolant Leakage:**
 - **Cause:** Loose clamps, damaged hose, corroded connection, or faulty heater core.
 - **Solution:** Tighten or replace clamps. Inspect the hose for damage and replace if necessary. Check heater core for leaks.

- **Hose Swelling or Bulging:**

- **Cause:** Internal damage, excessive pressure, or chemical degradation.
- **Solution:** Replace the hose immediately. Investigate potential causes of excessive system pressure (e.g., faulty radiator cap, head gasket issue).

- **Hose Hardening or Cracking:**

- **Cause:** Age, heat exposure, or chemical degradation.
- **Solution:** Replace the hose. This is a normal wear item over time.

- **No Heat from Heater:**

- **Cause:** Low coolant level, air in the system, clogged heater core, or faulty thermostat.
- **Solution:** Check coolant level and top up. Bleed air from the system. Inspect heater core for blockages. Check thermostat operation.

7. WARRANTY AND SUPPORT

For specific warranty information regarding your Continental 63249 Molded Heater Hose, please refer to the documentation provided with your purchase or visit the official Continental website. For technical support or further assistance, please contact Continental customer service.

You can find more information about Continental automotive products by visiting the [Continental Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

