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Continental 62774

Continental 62774 Molded Radiator Hose Instruction Manual

Model: 62774
Brand: Continental

Introduction

This manual provides essential information for the proper installation, function, and maintenance of your Continental 62774 Molded Radiator Hose. This component is specifically designed to facilitate the transfer of glycol-based coolants within your vehicle's engine cooling system, ensuring optimal performance and longevity.

Product Features

- Designed for efficient transfer of glycol-based coolants to and from the radiator.
- Molded construction ensures full flow through tight bends, eases application, and relieves stress on radiator connections.
- Original equipment configurations are available to ensure precise fitment for specific vehicle applications.
- Constructed with an EPDM (Ethylene Propylene Diene Monomer) tube and cover, reinforced with synthetic knit for durability.
- Compatible with most coolants, including ethylene glycol- and propylene glycol-based coolants, as well as organic acid modified, long-life coolants.
- Meets or exceeds SAE 20R4EC Class D1 specifications and many Original Equipment (OE) specifications.
- Resistant to Electrochemical Degradation (ECR), enhancing service life.
- Operating temperature range: -40°F to 275°F (-40°C to 135°C).
- **Important Note:** This hose is not intended for use in fuel or oil transfer applications.

Installation Guide

Proper installation is crucial for the performance and longevity of the radiator hose. Follow these steps carefully:

1. **Safety First:** Ensure the engine is completely cool before beginning. Park the vehicle on a stable, level surface and engage the parking brake. Disconnect the negative terminal of the vehicle's battery.
2. **Drain Coolant:** Place a suitable drain pan under the radiator drain plug. Open the drain plug and allow the

cooling system to drain completely. Dispose of old coolant responsibly.

3. **Remove Old Hose:** Loosen the hose clamps securing the old radiator hose to both the radiator and the engine connection points. Carefully twist and pull to remove the old hose.
4. **Inspect and Clean Connections:** Thoroughly clean the connection points on both the radiator and the engine. Remove any old hose residue, corrosion, or debris to ensure a proper seal with the new hose.
5. **Install New Hose:** Position the Continental 62774 hose, ensuring it aligns correctly with the connection points. Slide new hose clamps (recommended for optimal performance) onto the hose ends before fully seating the hose.
6. **Secure Clamps:** Push the hose fully onto the radiator and engine outlets. Position the clamps over the connection points and tighten them securely. Avoid overtightening, which can damage the hose.
7. **Refill Coolant:** Close the radiator drain plug. Refill the cooling system with the vehicle manufacturer-recommended coolant.
8. **Bleed Air from System:** Start the engine and allow it to reach operating temperature with the heater set to maximum heat. Monitor the coolant level in the reservoir and add more as needed to remove any trapped air from the system.
9. **Check for Leaks:** After the engine cools down, recheck the coolant level and visually inspect all hose connections for any signs of leakage. Reconnect the battery.



Image showing the Continental 62774 Molded Radiator Hose, an L-shaped black rubber hose, ready for installation into a vehicle's cooling system.

Function and Operation

The Continental 62774 Molded Radiator Hose is a critical component of your vehicle's engine cooling system. Its primary function is to transport hot coolant from the engine to the radiator for heat dissipation, and then return the cooled fluid to the engine to maintain optimal operating temperatures. The hose's molded design ensures an exact fit and optimal flow path, preventing kinks and maintaining efficient coolant circulation, which is essential for preventing engine overheating.

Maintenance

Regular inspection of your radiator hose can prevent cooling system failures and costly engine damage. Adhere to

the following maintenance guidelines:

- **Visual Inspection:** Periodically check the hose for any signs of wear, such as cracks, bulges, hardening, softening, or signs of coolant leakage around the connections or along the hose body.
- **Clamp Inspection:** Ensure that hose clamps are tight and free from corrosion. Loose or corroded clamps can lead to leaks.
- **Coolant Compatibility:** Always use coolants that are compatible with EPDM rubber to prevent premature hose degradation. Refer to your vehicle's owner's manual for recommended coolant types.
- **Replacement Schedule:** Radiator hoses are wear items. Consult your vehicle manufacturer's recommendations for replacement intervals, or replace the hose immediately at the first sign of damage or deterioration.



A side view of the Continental 62774 Molded Radiator Hose, illustrating its curved shape, which is designed for specific vehicle applications to ensure proper fit and function.

Troubleshooting Common Issues

If you experience issues with your vehicle's cooling system, consider the following potential problems related to the radiator hose:

- **Coolant Leaks:** If coolant is leaking, first check the hose connections for tightness. Inspect the entire hose body for visible cracks, punctures, or porous areas. A leaking hose requires immediate replacement to prevent engine damage.
- **Hose Collapse or Swelling:** A hose that collapses (sucks flat) when the engine cools may indicate a vacuum issue in the cooling system or a weakened internal structure of the hose. A swollen or bulging hose suggests excessive pressure or internal damage. Both conditions warrant immediate inspection and likely replacement.
- **Engine Overheating:** While numerous factors can cause an engine to overheat, a faulty radiator hose (e.g., internal blockage, severe leak, or collapse) can significantly contribute. Ensure proper coolant flow through the hose and the entire cooling system.



An alternative angle of the Continental 62774 Molded Radiator Hose, highlighting its robust construction and the texture of the EPDM material, which is resistant to common cooling system stresses.

Specifications

Brand	Continental
Model Number	62774
Material	EPDM (Ethylene Propylene Diene Monomer)
Color	Assorted (typically black)
Product Dimensions	4.77"L x 5"W (Note: These dimensions typically refer to packaging or a general form factor, not the exact hose length or diameter.)
Item Weight	3.2 ounces
Temperature Range	-40°F to 275°F (-40°C to 135°C)
Compliance	Meets or exceeds SAE 20R4EC Class D1
Coolant Compatibility	Glycol-based coolants (ethylene glycol, propylene glycol, organic acid modified)
UPC	037256450280

Warranty and Support

For warranty information or technical support regarding your Continental 62774 Molded Radiator Hose, please refer to the official Continental website or contact their customer service department directly. It is advisable to retain your purchase receipt for any potential warranty claims.

You can also visit the Continental Store for additional product information and support resources.

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