

## Continental 66319

# Continental 66319 Molded Radiator Hose Instruction Manual

Model: 66319

## 1. INTRODUCTION

This instruction manual provides essential information for the proper handling, installation, and maintenance of your Continental 66319 Molded Radiator Hose. Designed for optimal performance, this hose is engineered to transfer glycol-based coolants within your vehicle's cooling system. Adhering to these guidelines will help ensure the longevity and efficient operation of your vehicle's cooling system.

## 2. PRODUCT FEATURES

- **Temperature Range:** Operates effectively in temperatures from -40°F to +275°F.
- **Original Configuration:** Designed to match the original equipment configuration for a precise fit.
- **Electrochemical Degradation (ECR) Resistance:** Features synthetic knit reinforcement to resist ECR, a common cause of hose failure.
- **Coolant Compatibility:** Compatible with most coolants, including ethylene glycol, propylene glycol-based, and organic acid modified, long-life coolants.
- **Important Note:** Not for use with fuels or oils.

## 3. INSTALLATION

Proper installation is crucial for the performance and safety of your cooling system. It is recommended that installation be performed by a qualified technician. Always refer to your vehicle's service manual for specific procedures and safety precautions.

### 3.1 General Installation Steps:

1. **Safety First:** Ensure the engine is cool and depressurized before beginning work. Wear appropriate personal protective equipment (PPE).
2. **Drain Coolant:** Properly drain the coolant from the system into a suitable container.
3. **Remove Old Hose:** Loosen the clamps on the old radiator hose and carefully remove it. Inspect the connection points for any debris or corrosion.

4. **Prepare New Hose:** The Continental 66319 hose is designed for a direct fit. In some cases, minor trimming of the hose ends may be necessary to achieve a perfect fit. Use a clean, sharp razor knife for any trimming.
5. **Install New Clamps:** Always use new, high-quality hose clamps on both ends of the new radiator hose. The new hose may be slightly thicker than the original, requiring new clamps for a secure seal.
6. **Position Hose:** Install the new Continental 66319 radiator hose, ensuring it is correctly routed and free from kinks or contact with moving parts or sharp edges.
7. **Secure Clamps:** Tighten the new hose clamps to the manufacturer's specified torque. Avoid over-tightening, which can damage the hose.
8. **Refill Coolant:** Refill the cooling system with the appropriate type and amount of coolant as specified by your vehicle manufacturer.
9. **Bleed Air:** Bleed any air from the cooling system according to your vehicle's service manual.
10. **Inspect for Leaks:** Start the engine and allow it to reach operating temperature. Carefully inspect all connections for leaks. Monitor coolant levels and engine temperature during initial operation.



**Figure 1:** Continental 66319 Molded Radiator Hose. This image shows the molded shape of the radiator hose, designed for specific vehicle applications.



**Figure 2:** Another view of the Continental 66319 Molded Radiator Hose, highlighting its textured reinforcement for durability.

### 3.2 Product Overview Video:

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**Video 1:** This video provides a general overview of the product, showcasing its design and features. It highlights the premium molded rubber construction and reinforced design for reliable coolant flow.

## 4. MAINTENANCE

Regular inspection and maintenance of your radiator hose and the entire cooling system are essential for preventing breakdowns and ensuring optimal engine performance. Hoses are subject to wear and tear from heat, vibration, and chemical exposure.

### 4.1 Inspection Schedule:

- **Visual Check:** Periodically inspect the hose for cracks, bulges, leaks, or signs of hardening/softening.
- **Feel Test:** Squeeze the hose when the engine is cool. It should feel firm but pliable. If it feels excessively hard, soft, or spongy, it may need replacement.
- **Clamp Inspection:** Ensure hose clamps are secure and free from corrosion.
- **Coolant Level:** Regularly check the coolant level in the reservoir and radiator.

4.2 Replacement Recommendations:

When performing any cooling system work, such as replacing a water pump or radiator, it is highly recommended to replace both the upper and lower radiator hoses simultaneously. This proactive approach helps prevent future failures, as hoses tend to wear out at similar rates.

5. TROUBLESHOOTING

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

- **Coolant Leaks:** Check hose connections and the hose body for drips or wet spots. Leaks can indicate a loose clamp, a damaged hose, or a pinhole.
- **Overheating Engine:** A collapsed or restricted radiator hose can impede coolant flow, leading to engine overheating. Inspect hoses for signs of collapse, especially when the engine is hot.
- **Swollen or Bulging Hoses:** This can be a sign of internal damage or excessive pressure in the cooling system. Replace swollen hoses immediately.
- **Hard or Brittle Hoses:** Hoses that feel hard or brittle when cool have lost their flexibility and are prone to cracking.
- **Soft or Spongy Hoses:** Hoses that feel excessively soft or spongy when cool may have internal damage or be weakened by chemical degradation.

If you encounter any of these issues, it is advisable to have your cooling system inspected by a professional.

6. SPECIFICATIONS

Attribute	Detail
Brand	Continental
Model Number	66319
Material	Synthetic Rubber
Color	Black
Item Weight	8 ounces
UPC	037256070440
Manufacturer	Continental ContiTech
Package Dimensions	15.71 x 4.41 x 1.65 inches

## 7. WHAT'S IN THE BOX

- 1x Continental 66319 Molded Radiator Hose

## 8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Continental 66319 Molded Radiator Hose, please refer to the manufacturer's official website or contact their customer service department. Keep your purchase receipt for any warranty claims.

### Related Documents - 66319

	<a href="#">Continental RHT433 KeyFob User Manual and Operational Description</a> Comprehensive user manual and operational description for the Continental RHT433 and RHT315 (Japan) KeyFobs. Details remote entry, start, and immobilization features, technical specifications, safety warnings, and regulatory compliance for FCA platforms.
	<a href="#">Continental GM OnStar Gen12 Telematics Control Unit (TCP) User Manual</a> User manual for the Continental GM OnStar Gen12 Telematics Control Unit (TCP), model numbers G12N410G1 and G12N410M1. Details product features, system overview, mechanical design, technical specifications, wireless services, connectors, and compliance information.
	<a href="#">Continental GM OnStar Gen12 G12N400G1 Telematics Connectivity Platform Module User Manual</a> Official user manual for the Continental GM OnStar Gen12 Telematics Connectivity Platform Module (TCP), model G12N400G1. Discover product features, technical specifications, wireless services (3G, 4G LTE, GNSS), connector details, and FCC/ISED compliance for GM vehicles.
	<a href="#">Continental TCAM1NA0 Telematics and Connectivity Antenna Module User Manual</a> User manual for the Continental TCAM1NA0 Telematics and Connectivity Antenna Module, detailing its features, technical specifications, installation, and wireless services.
	<a href="#">Continental FBD5 Installation Manual - Assembly and Compliance</a> Official installation manual for the Continental FBD5 module, detailing assembly steps and FCC/IC compliance statements. Learn how to mount the FBD5 module in a vehicle chassis.
	<a href="#">Continental HFM_CMFB_01 User Manual: Vehicle Access System</a> User manual for the Continental HFM_CMFB_01 Hand Free Module, detailing its system overview, car access functions, engine start procedures, label information, and compliance statements for vehicle access systems.

