

Continental 58982

Continental 58982 Radiator Hose Reducer User Manual

Instructions for Installation, Operation, and Maintenance

1. PRODUCT OVERVIEW

The Continental 58982 Radiator Hose Reducer is designed to facilitate a proper fit between a radiator hose and a connection point when the hose's inner diameter is larger than required. These rubber reducers are inserted into the hose to decrease its effective inner diameter, ensuring a secure and leak-free connection. The integrated flange prevents the reducer from slipping further into the hose, allowing for the use of standard worm gear clamps.

Key Features:

- Precision engineered for reliable performance.
- Maintains optimal fluid flow within the cooling system.
- Constructed from high heat-resistant material for durability.
- Highly durable design ensures long service life.
- Ensures maximum performance of the cooling system connection.

2. PACKAGE CONTENTS

Each package contains the following items:

- Radiator Hose Reducer (Pack of 6)



Image 1: A single Continental 58982 Radiator Hose Reducer, black rubber, cylindrical with a wider flange at one end.

3. INSTALLATION INSTRUCTIONS

3.1. Safety Precautions

- Always ensure the engine is cool 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.

- Refer to your vehicle's service manual for specific instructions regarding coolant drainage and hose removal.
- Dispose of old coolant responsibly according to local regulations.

3.2. Required Tools

- Hose clamp pliers or screwdriver (depending on clamp type)
- Coolant drain pan
- New coolant (if draining the system)
- Clean rags

3.3. Step-by-Step Installation

1. **Prepare the Vehicle:** Ensure the engine is completely cool. Place a drain pan under the radiator and drain the coolant as per your vehicle's service manual.
2. **Remove the Hose:** Loosen the hose clamps at both ends of the radiator hose that requires the reducer. Carefully twist and pull the hose off the connection points.
3. **Inspect the Hose and Connection:** Clean the inside of the hose and the connection point to remove any debris or residue. Ensure both surfaces are smooth and free of damage.
4. **Insert the Reducer:** Select a Continental 58982 Radiator Hose Reducer. Insert the reducer into the end of the radiator hose that will connect to the smaller diameter fitting. Push the reducer in until its flange rests against the end of the hose. The flange is designed to prevent the reducer from slipping too far into the hose.



Image 2: Angled view of the reducer, highlighting the flange designed to prevent slippage into the hose.

5. **Reattach the Hose:** Slide the hose, with the reducer inserted, back onto the smaller diameter connection point. Ensure the hose is fully seated.
6. **Secure with Clamps:** Position the hose clamp over the hose and reducer, ensuring it is centered over the connection point. Tighten the clamp securely to prevent leaks. Repeat for the other end of the hose if it was also removed.



Image 3: Top-down view of the reducer, illustrating the reduced inner diameter for a snug fit.

7. **Refill Coolant:** Refill the cooling system with the appropriate coolant type and quantity as specified by your vehicle manufacturer.
8. **Bleed Air:** Start the engine and allow it to reach operating temperature. Monitor the coolant level and bleed any trapped air from the system as necessary. Check for leaks around the newly installed reducer and hose clamps.

4. OPERATION

Once properly installed, the Continental 58982 Radiator Hose Reducer operates passively within the cooling system. Its function is to maintain a tight, leak-free seal between a radiator hose and a connection point of a smaller diameter. The reducer ensures that coolant flows efficiently without bypass or pressure loss at the connection, contributing to the overall effectiveness of the vehicle's cooling system.

5. MAINTENANCE

The radiator hose reducer itself requires minimal maintenance. However, regular inspection of the cooling system is recommended:

- Periodic Inspection:** Annually or during routine vehicle maintenance, inspect the radiator hose and the reducer for any signs of wear, cracking, hardening, or leaks.
- Clamp Tightness:** Check that the hose clamps remain tight and secure. Overtightening can damage the hose or reducer, while loose clamps can lead to leaks.
- Coolant Compatibility:** Ensure that the coolant used in your vehicle is compatible with rubber components to prevent premature degradation of the reducer.
- Replacement:** If the reducer shows any signs of damage or degradation, replace it immediately to prevent cooling system failures.

6. TROUBLESHOOTING

If you encounter issues after installing the radiator hose reducer, consider the following:

Problem	Possible Cause	Solution
Coolant Leak at Connection	Loose hose clamp, damaged reducer, incorrect reducer size, damaged hose.	Tighten clamp, inspect and replace reducer/hose if damaged, ensure correct reducer is used.
Hose Slipping Off Connection	Insufficient clamp tightness, improper reducer installation (flange not seated).	Re-tighten clamp, ensure reducer flange is correctly seated against the hose end.
Overheating Engine	Air trapped in cooling system, low coolant level, other cooling system issues.	Bleed air from system, check coolant level, inspect entire cooling system for other faults.

7. SPECIFICATIONS

Specification	Detail
Brand	Continental
Model Number	58982
Material	Synthetic Rubber
Item Weight	0.16 ounces (approx. 4.54 g)
Product Dimensions	7 x 7 x 4 inches (packaging)

Specification	Detail
Manufacturer Part Number	58982
UPC	037256020704

8. WARRANTY INFORMATION

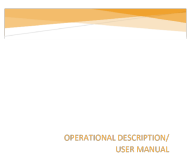



Continental products are manufactured to high-quality standards. For specific warranty details regarding the Continental 58982 Radiator Hose Reducer, please refer to the warranty documentation provided with your purchase or visit the official Continental website. Keep your proof of purchase for any warranty claims.

9. SUPPORT

For further assistance, technical support, or inquiries regarding the Continental 58982 Radiator Hose Reducer, please visit the official Continental website or contact their customer service department. You can often find additional resources, FAQs, and contact information on the brand's dedicated support pages.

Visit the [Continental Store on Amazon](#) for more product information.

Related Documents - 58982

 <p>OPERATIONAL DESCRIPTION/ USER MANUAL RHT433 (RHT315)</p>	<p>Continental RHT433 KeyFob User Manual and Operational Description</p> <p>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.</p>
	<p>Continental GM OnStar Gen12 Telematics Control Unit (TCP) User Manual</p> <p>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.</p>
	<p>Continental GM OnStar Gen12 G12N400G1 Telematics Connectivity Platform Module User Manual</p> <p>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.</p>
	<p>Continental TCAM1NA0 Telematics and Connectivity Antenna Module User Manual</p> <p>User manual for the Continental TCAM1NA0 Telematics and Connectivity Antenna Module, detailing its features, technical specifications, installation, and wireless services.</p>

The image shows the cover page of the Continental FBD5 Installation Manual. At the top left is the Continental logo. To its right, it says 'Technical Document' and '67 50 00 0000'. Below this, it says 'Installation Manual for FBD5'. A small section titled '1. Please to carefully inspect the module in vehicle before FBD5 installation and also in the vehicle chassis.' is visible. In the center is a photograph of the FBD5 module, a green electronic component with various connectors. At the bottom, it says '16-730-0000'.

[Continental FBD5 Installation Manual - Assembly and Compliance](#)

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.

The image shows the cover page of the Continental FHM_CMFB_01 User Manual. At the top left is the Continental logo. To its right, it says 'Technical Document' and '67 50 00 0000'. Below this, it says 'User Manual'. The model 'FHM_CMFB_01' is listed. The date 'November 20, 2015' is shown. The number of pages is '9'. Below this is a table with 5 columns: Item, Description, Version, Status, and Date. The table contains three rows of data. At the bottom, there is a horizontal line.

[Continental FHM_CMFB_01 User Manual: Vehicle Access System](#)

User manual for the Continental FHM_CMFB_01 Hand Free Module, detailing its system overview, car access functions, engine start procedures, label information, and compliance statements for vehicle access systems.