

APDTY 162730

APDTY 162730 Turbocharger Coolant Feed Line Instruction Manual

1. PRODUCT OVERVIEW

The APDTY 162730 is a brand new turbocharger coolant feed line designed for specific BMW models. This component is crucial for maintaining the correct operating temperature of the turbocharger by supplying coolant. It is a direct replacement part, ensuring proper fitment and function when installed correctly.



Figure 1: Overview of the APDTY 162730 Turbocharger Coolant Feed Line. This image displays the complete assembly of the coolant feed line, including the flexible hose sections and metal fittings at each end.

2. KEY FEATURES

- Direct replacement for the original equipment turbocharger coolant feed line.
- Ensures proper coolant flow to the turbocharger for optimal temperature regulation.
- Manufactured to meet or exceed OEM specifications.
- Replaces OEM Part Number: 11537577012.

3. VEHICLE COMPATIBILITY

This turbocharger coolant feed line (Supply, Right) is compatible with the following vehicle models:

- 2011-2018 BMW X5
- 2008-2019 BMW X6

It is essential to verify compatibility with your specific vehicle's make, model, and year before installation. Refer to your vehicle's service manual for exact part requirements.

4. INSTALLATION INSTRUCTIONS

Disclaimer: Installation of automotive components can be complex and may require specialized tools and knowledge. If you are not confident in your ability to perform this installation, it is highly recommended to seek assistance from a qualified automotive technician.

4.1 Safety Precautions

- Always ensure the vehicle is turned off, cooled down, and the battery is disconnected before beginning any work.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Work in a well-ventilated area.
- Be aware that coolant can be hot and under pressure. Allow the system to cool completely before opening.

4.2 General Installation Steps

1. **Prepare the Vehicle:** Park the vehicle on a level surface and engage the parking brake. Allow the engine to cool completely.
2. **Drain Coolant:** Carefully drain a sufficient amount of coolant from the cooling system to prevent spills when removing the line. Follow your vehicle's service manual for the correct draining procedure.
3. **Locate the Existing Line:** Identify the turbocharger coolant feed line that needs replacement. It is typically located on the right side (passenger side) of the engine compartment, connecting the engine block or coolant system to the turbocharger.
4. **Remove the Old Line:** Disconnect the fittings at both ends of the old coolant feed line. Be prepared for residual coolant to escape. Carefully remove any clips or mounting hardware securing the line.
5. **Inspect Connections:** Before installing the new line, inspect the mating surfaces and connections for any debris, corrosion, or damage. Clean as necessary.
6. **Install the New Line:** Position the APDTY 162730 coolant feed line in place. Connect the fittings securely at both ends. Ensure all clips and mounting hardware are reinstalled to prevent vibration and wear.
7. **Refill Coolant:** Refill the cooling system with the appropriate type and amount of coolant as specified by your vehicle manufacturer.
8. **Bleed Air:** Bleed any air from the cooling system according to your vehicle's service manual. This is critical for proper cooling system function.
9. **Test for Leaks:** Start the engine and allow it to reach operating temperature. Carefully inspect all connections for any signs of leaks. Monitor coolant levels and engine temperature.



Figure 2: Detail of one end of the coolant feed line, showing a quick-connect style fitting. Ensure this fitting is securely seated during installation.



Figure 3: Detail of the other end of the coolant feed line, featuring a banjo bolt style fitting. Ensure new crush washers are used if required and the bolt is torqued to specifications.

5. OPERATION

The APDTY 162730 Turbocharger Coolant Feed Line is a passive component of your vehicle's cooling system. Its function is to continuously supply engine coolant to the turbocharger assembly. This coolant circulates through the turbocharger housing to dissipate heat generated during operation, preventing overheating and ensuring the longevity of the turbocharger. Proper operation is indicated by a leak-free connection and consistent coolant flow.

6. MAINTENANCE

Regular inspection of the turbocharger coolant feed line is recommended as part of routine vehicle maintenance. Look for the following:

- **Leaks:** Check for any signs of coolant leaks around the fittings or along the hose. Even small drips can indicate a problem.
- **Cracks or Fraying:** Inspect the rubber hose sections for cracks, hardening, or fraying, which can lead to leaks or hose failure.
- **Corrosion:** Examine metal fittings for signs of corrosion, especially around connection points.
- **Secure Connections:** Ensure all connections are tight and secure.

Address any issues promptly to prevent potential damage to the turbocharger or engine due to coolant loss or overheating.

7. TROUBLESHOOTING

If you experience issues related to the turbocharger coolant feed line, consider the following:

- **Coolant Leaks:** The most common issue. Visually inspect the entire line, especially at the connection points, for drips or wetness. A pressure test of the cooling system can help pinpoint small leaks.

- **Overheating Turbocharger:** If the turbocharger is consistently running hot, it could indicate a blockage in the coolant line or insufficient coolant flow. This may require professional diagnosis.
- **Low Coolant Level:** Persistent low coolant levels without an obvious external leak might suggest an internal leak or a very slow external leak from the line.

If troubleshooting does not resolve the issue, or if you suspect a more serious problem, consult a qualified automotive technician.

8. PRODUCT SPECIFICATIONS

Brand	APDTY
Model Number	162730
OEM Part Number Replaced	11537577012
Item Weight	1.27 pounds
Product Dimensions	13.38 x 10.23 x 3.15 inches
Position	Right (Supply)

9. IMPORTANT SAFETY INFORMATION

⚠ California Proposition 65 WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

It is important to handle this product with care and follow all safety guidelines. Always wash hands thoroughly after handling this product.

10. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific details and contact information.

ASK A QUESTION ABOUT THIS MANUAL

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

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