

Aftermarket 45456568001

Aftermarket BMW E30 Thermostat Housing Hose Kit (3-Piece) Instruction Manual

Model: 45456568001

1. PRODUCT OVERVIEW

This document provides essential information for the Aftermarket 3-piece Thermostat Housing Hose Kit, designed for specific BMW E30 and E34 models. This kit includes critical hoses for the engine's cooling system, ensuring proper coolant flow and temperature regulation.



Image 1.1: The 3-piece Thermostat Housing Hose Kit. This image displays the three distinct black rubber hoses included in the kit, each designed for a specific connection within the BMW cooling system.

Kit Components:

- **Quantity 1:** Water Pump to Thermostat Housing Hose (Part Number: 11531287651)
- **Quantity 1:** Thermostat Housing to Throttle Housing Hose (Part Number: 13541719966)
- **Quantity 1:** Thermostat Housing to Water Pipe Hose (Part Number: 11531718982)

2. COMPATIBILITY AND FITMENT

This hose kit is specifically designed for the following BMW models. Please verify your vehicle's production date to ensure proper fitment, especially for 3-series models.

Applicable BMW Models and Production Dates

Chassis Code	Years	Model	Notes
E30	1988-1988	325	From 09/87 production date
E30	1987-1991	325i	From 09/87 production date
E30	1987-1993	325ic	From 09/87 production date
E30	1988-1991	325ix	From 09/87 production date
E30	1987-1991	325is	From 09/87 production date
E34	1989-1990	525i	M20 engine only

Important Note: For BMW 3-series (E30) models, this kit is compatible with vehicles produced from September 1987 onwards. Always cross-reference with your vehicle's specific part numbers and production date.

3. INSTALLATION GUIDELINES

Installation of cooling system components requires mechanical knowledge and specialized tools. It is highly recommended that installation be performed by a qualified automotive technician.

General Steps (Consult a Service Manual for Detailed Instructions):

- Safety First:** Ensure the engine is cool before beginning work. Disconnect the vehicle's battery. Wear appropriate personal protective equipment (gloves, eye protection).
- Drain Coolant:** Safely drain the engine coolant into a suitable container. Dispose of used coolant responsibly.
- Locate Hoses:** Identify the hoses to be replaced: Water Pump to Thermostat Housing, Thermostat Housing to Throttle Housing, and Thermostat Housing to Water Pipe.
- Remove Old Hoses:** Loosen hose clamps and carefully remove the old hoses. Be prepared for residual coolant spillage. Inspect connecting points for corrosion or damage.
- Install New Hoses:** Position the new hoses, ensuring they are correctly oriented and fully seated on their respective connections. Secure them with new or properly functioning hose clamps. Avoid overtightening.
- Refill Coolant:** Refill the cooling system with the manufacturer-specified coolant mixture. Follow the vehicle manufacturer's bleeding procedure to remove air pockets from the system.
- Inspect for Leaks:** Start the engine and allow it to reach operating temperature. Carefully inspect all new hose connections for any signs of leaks. Monitor coolant levels.

Disclaimer: These are general guidelines. Always refer to your specific vehicle's factory service manual for precise, step-by-step instructions and torque specifications.

4. OPERATION AND FUNCTION

Once installed, these hoses are integral to the proper functioning of your vehicle's cooling system. They facilitate the circulation of coolant between the water pump, thermostat housing, throttle housing, and

water pipe. This circulation is crucial for maintaining optimal engine operating temperature, preventing overheating, and ensuring efficient engine performance.

The thermostat housing regulates coolant flow based on engine temperature, and these hoses ensure that coolant is directed to the necessary components for heat exchange and temperature control.

5. MAINTENANCE

Regular inspection of your cooling system hoses is vital for preventing unexpected failures and maintaining engine health.

- **Visual Inspection:** Periodically check the hoses for cracks, bulges, fraying, hardening, or softening. Any of these signs indicate degradation and potential failure.
- **Hose Clamps:** Ensure all hose clamps are secure and free from corrosion. Loose clamps can lead to leaks.
- **Coolant Leaks:** Look for any signs of coolant leakage around the hose connections or along the hose bodies.
- **Coolant Quality:** Maintain the correct type and level of coolant as specified by your vehicle manufacturer. Old or contaminated coolant can accelerate hose degradation.

It is generally recommended to replace cooling system hoses every 4-5 years or 60,000-80,000 miles, even if they appear to be in good condition, as rubber degrades over time.

6. TROUBLESHOOTING COMMON ISSUES

If you experience issues related to your cooling system after hose replacement, consider the following:

- **Coolant Leaks:**
 - *Cause:* Loose hose clamps, improperly seated hoses, damaged hoses, or damaged connecting surfaces.
 - *Solution:* Re-tighten clamps, re-seat hoses, inspect hoses for damage and replace if necessary, check connecting points for burrs or corrosion.
- **Engine Overheating:**
 - *Cause:* Air in the cooling system (improper bleeding), low coolant level, faulty thermostat, or other cooling system component failure.
 - *Solution:* Bleed the cooling system thoroughly, check coolant level, inspect thermostat function. If overheating persists, consult a professional.
- **Hose Collapse/Swelling:**
 - *Cause:* Internal hose degradation, faulty radiator cap (vacuum issues), or incorrect coolant pressure.
 - *Solution:* Replace affected hose(s), test radiator cap, check cooling system pressure.

For persistent or complex issues, it is always best to seek diagnosis and repair from a certified automotive technician.

7. PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	Aftermarket
Manufacturer Part Number	45456568001
OEM Part Numbers	11531287651 (Water Pump to Thermostat Housing Hose), 13541719966 (Thermostat Housing to Throttle Housing), 11531718982 (Thermostat Housing to Water Pipe)
UPC	789398700432
Color	Black
Material	Rubber (typical for coolant hoses)
Kit Contents	3 coolant hoses

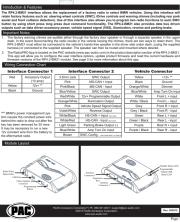
8. WARRANTY AND SUPPORT

Specific warranty information for this Aftermarket product is not provided in the product details. For warranty claims or technical support, please contact the original seller or retailer from whom the product was purchased. Retain your proof of purchase for any potential claims.

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Related Documents - 45456568001

 Illustrated Parts List Eaton FRO-17210C Transmission	<p>Eaton FRO-17210C Transmission Illustrated Parts List</p> <p>Comprehensive illustrated parts list for the Eaton FRO-17210C transmission, detailing components, part numbers, and assembly information for aftermarket transmissions, air modules, drive gears, and various housing and internal components. Includes guidance on using the parts list and identifying kits and assemblies.</p>
 Aerpro SWBM00C User Manual: Retaining BMW Steering Wheel Controls	<p>User manual for the Aerpro SWBM00C interface, detailing the installation and configuration for retaining factory steering wheel controls in BMW vehicles when installing an aftermarket stereo. Includes vehicle applications, key features, dipswitch settings, and button remapping instructions.</p>

	<p>PEMP PP-5810 Installation Manual for BMW E60 (2005-2010)</p> <p>Detailed installation manual for the PEMP PP-5810 aftermarket car stereo system, designed for BMW E60 models from 2005 to 2010. Includes step-by-step instructions and wiring diagrams.</p>
	<p>ACV 42XBMOOC-O Steering Wheel Control Interface Installation Guide</p> <p>Installation guide for the ACV 42XBMOOC-O, a steering wheel control interface for BMW and Mini vehicles. This guide details vehicle compatibility, key features, wiring, dipswitch configuration, and installation steps to retain steering wheel controls when installing an aftermarket stereo.</p>
	<p>RadioPRO RP4.2-BM21: BMW Radio Replacement and Steering Wheel Control Interface Guide</p> <p>Comprehensive guide for the PAC RadioPRO RP4.2-BM21 interface, detailing installation, features, and programming for BMW CAN-Bus vehicles. Learn to retain steering wheel controls, warning chimes, and other factory functions when upgrading your car stereo.</p>
	<p>Touratech Motorschutz Expedition Engine Guard for BMW R1300GS - Mounting Instructions</p> <p>Comprehensive mounting instructions for the Touratech Motorschutz Expedition engine guard, designed for the BMW R1300GS motorcycle. This guide provides essential safety information, torque specifications, and detailed, step-by-step assembly procedures, replacing visual diagrams with clear textual descriptions.</p>