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Stant 12027

Stant 12027 Cooling System Adapter User Manual

Model: 12027

Brand: Stant

INTRODUCTION

The Stant 12027 Cooling System Adapter is designed for use with the Stant 12270 pressure tester to facilitate accurate and efficient testing of vehicle cooling systems. This adapter ensures a secure connection to various radiator and coolant reservoir necks, allowing for precise pressure testing to identify leaks or system integrity issues.

SAFETY INFORMATION

- Always ensure the engine is cool before attempting to open the cooling system or attach the adapter. Hot coolant can cause severe burns.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, during all testing procedures.
- Do not exceed the maximum pressure rating of the cooling system or the pressure tester. Refer to your vehicle's service manual for specific pressure requirements.
- Keep out of reach of children.

PARTS INCLUDED

The Stant 12027 Cooling System Adapter package includes:

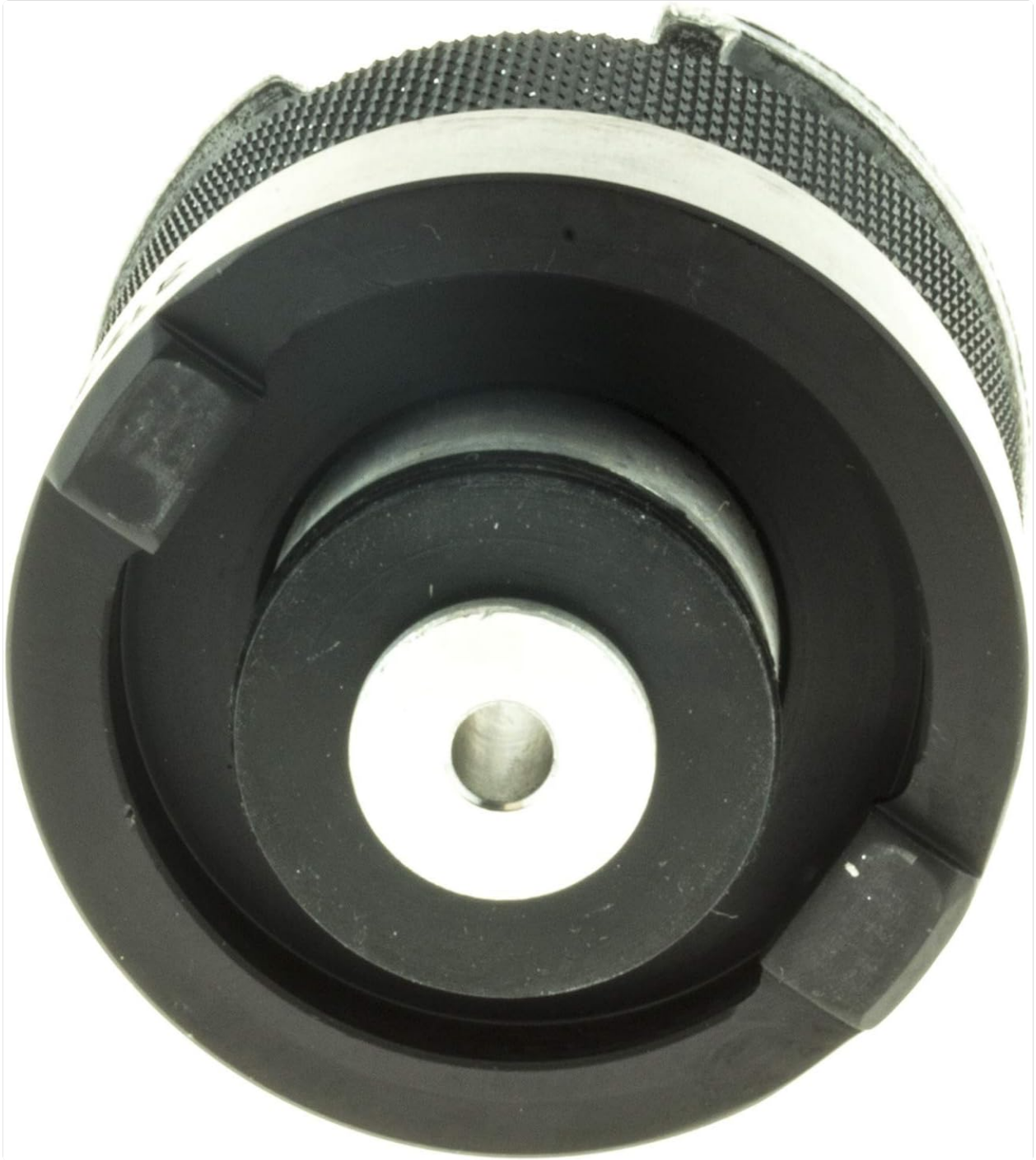
- One (1) Stant 12027 Cooling System Adapter
- One (1) Integrated Sealing Gasket



Overall view of the Stant 12027 Cooling System Adapter, showing its metallic top and textured black body.



Side view of the Stant 12027 Cooling System Adapter, highlighting the knurled grip for easy handling.



Bottom view of the Stant 12027 Cooling System Adapter, showing the integrated sealing gasket.



Top view of the Stant 12027 Cooling System Adapter, illustrating the connection point for the pressure tester.

SETUP

1. Ensure the vehicle's engine is completely cool.
2. Locate the radiator or coolant reservoir filler neck.
3. Confirm that the Stant 12027 adapter is the correct fit for your vehicle's cooling system. Refer to the compatibility list in the specifications section.
4. Attach the Stant 12027 adapter securely to the Stant 12270 pressure tester hose.

OPERATING INSTRUCTIONS

1. With the engine cool, carefully remove the radiator cap or coolant reservoir cap.
2. Clean any debris from around the filler neck to ensure a proper seal.

3. Place the Stant 12027 adapter onto the filler neck, ensuring it sits flush and creates a tight seal.
4. Connect the Stant 12270 pressure tester to the adapter.
5. Pump the pressure tester handle to gradually increase pressure in the cooling system to the manufacturer's specified level. Do not over-pressurize.
6. Observe the pressure gauge for any drops in pressure, which would indicate a leak. Inspect hoses, clamps, radiator, and other cooling system components for visible leaks.
7. Once testing is complete, slowly release the pressure from the system using the pressure release valve on the tester.
8. Remove the adapter and replace the radiator or coolant reservoir cap.

MAINTENANCE

To ensure the longevity and accuracy of your Stant 12027 Cooling System Adapter:

- After each use, wipe the adapter clean with a damp cloth to remove any coolant residue.
- Inspect the integrated sealing gasket for any signs of wear, cracks, or damage. A damaged seal can lead to inaccurate readings or leaks during testing.
- Store the adapter in a clean, dry place, away from extreme temperatures and direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Adapter does not seal properly	Incorrect adapter for vehicle; Damaged sealing gasket; Debris on filler neck	Verify adapter compatibility; Replace gasket; Clean filler neck
Pressure drops quickly	Leak in cooling system	Inspect all cooling system components for leaks (hoses, radiator, water pump, heater core)
Cannot build pressure	Adapter not securely attached; Pressure tester malfunction	Re-attach adapter firmly; Check pressure tester for proper function

SPECIFICATIONS

- **Model:** Stant 12027
- **Type:** Cooling System Pressure Tester Adapter
- **Material:** Durable Metallic and Composite Construction
- **Compatibility:** Designed for use with Stant 12270 Pressure Tester. Compatible with various vehicle models including (1988-21) Honda Civic (1.5L), (1991-12) Nissan Sentra (2.0L), (1993-16) Hyundai Elantra (1.8L), (1998-20) Subaru Forester (2.5L), (2000-19) Nissan Sentra (1.8L), (2001-20) Nissan Pathfinder (3.5L), (2002-17) Mitsubishi Lancer (2.0L), (2002-21) Nissan Altima (2.5L), (2002-21) Nissan Maxima (3.5L), (2003-21) Nissan Murano (3.5L), (2008-11) Ford Focus (2.0L), (2008-19) Nissan Rogue (2.5L), (2009-20) Nissan Versa (1.6L), (2010-18) Kia Forte (2.0L), (2010-19) Kia Soul (2.0L), (2011-21) Mitsubishi Outlander Sport (2.0L), (2014-18) Mazda 3 (2.0L), (2014-19) Nissan Versa Note (1.6L), (2016-21) Honda Civic (2.0L), (2017-21) Honda CR-V (1.5L).

- **Weight:** Approximately 2.26 ounces

Note: The provided product dimensions (43"L x 3"W x 14"H) appear to be generic and do not accurately represent the physical size of this adapter. Please refer to the product images for a visual representation of its compact size.

WARRANTY AND SUPPORT

This Stant 12027 Cooling System Adapter is sold without an explicit manufacturer's warranty. For any product-related inquiries or technical assistance, please contact Stant customer support directly.

Contact Information: Please refer to the official Stant website or product packaging for the most current customer support contact details.