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› Standard Motor Products TM36 Trans Control Module Instruction Manual

Standard Motor Products TM36

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Instruction Manual

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Standard Motor Products TM36 Trans Control Module. Please read this manual thoroughly before attempting any installation or operation to ensure safe and correct usage.

The TM36 Trans Control Module is designed to regulate and manage specific functions within a vehicle's transmission system, contributing to optimal performance and efficiency. It is a critical component for the precise control of transmission operations.

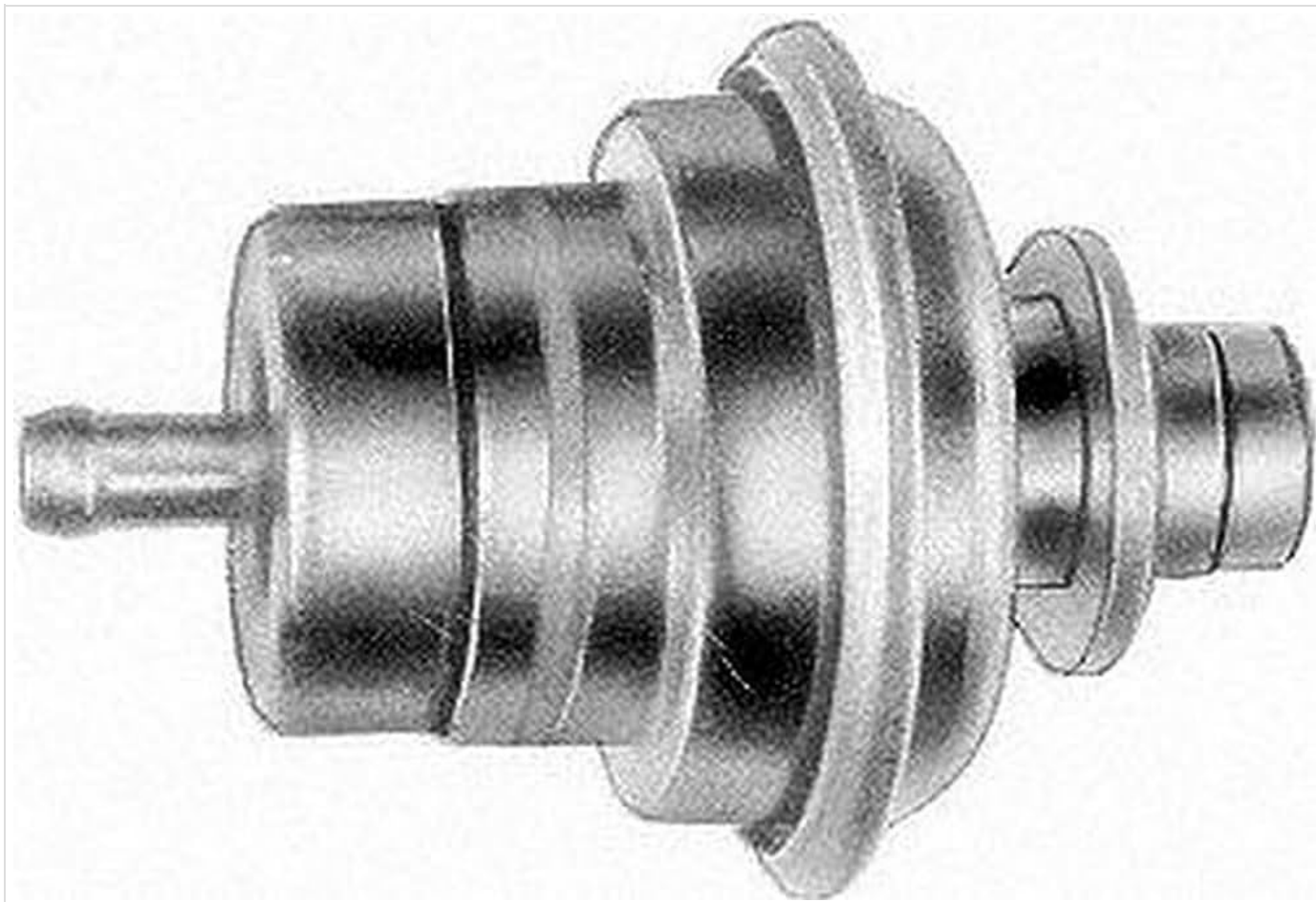


Image: The Standard Motor Products TM36 Trans Control Module. This image displays a metallic, cylindrical component with a narrow hose barb connection on the left end and a wider, flanged section in the middle, tapering to a smaller diameter on the right. It appears to be a mechanical or electro-mechanical control unit, possibly a vacuum modulator or pressure regulator, integral to the transmission control system.

SETUP AND INSTALLATION

Proper installation is crucial for the correct function of the TM36 Trans Control Module. It is recommended that installation be performed by a qualified automotive technician.

Before Installation:

- Ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical hazards.
- Identify the exact location for the module's installation as specified by the vehicle manufacturer's service manual.
- Inspect the new module for any visible damage before proceeding.

Installation Steps:

1. Carefully remove the old transmission control module or component, noting all connections and mounting points.
2. Clean the mounting surface and surrounding area to ensure a secure and proper fit for the new module.
3. Position the TM36 module in its designated location.
4. Secure the module using appropriate fasteners, ensuring it is firmly mounted but not overtightened.
5. Reconnect all necessary electrical connectors and vacuum lines (if applicable) to the module. Ensure connections are snug and secure.
6. Double-check all connections and mounting points before proceeding.
7. Reconnect the vehicle's battery.

Refer to your vehicle's specific service manual for detailed, model-specific installation instructions.

OPERATING PRINCIPLES

The Standard Motor Products TM36 Trans Control Module operates by receiving input signals from various vehicle sensors and, based on these inputs, sends output signals to control specific transmission functions. This ensures smooth and efficient gear shifting, proper torque converter lock-up, and overall transmission performance.

The module is designed to work seamlessly with the vehicle's existing electronic control unit (ECU) to optimize transmission behavior under varying driving conditions. Its operation is largely automatic once correctly installed and integrated into the vehicle's system.

MAINTENANCE

The TM36 Trans Control Module is a sealed unit and generally requires no routine maintenance. However, periodic inspection of its connections and surrounding components is recommended during regular vehicle service intervals.

Inspection Points:

- Check electrical connectors for corrosion, looseness, or damage.
- Inspect any associated vacuum lines or fluid lines for cracks, leaks, or blockages.
- Ensure the module is securely mounted and free from excessive vibration.

If any issues are observed, consult a qualified technician for diagnosis and repair.

TROUBLESHOOTING

If you experience issues with your vehicle's transmission after installing or while using the TM36 Trans Control Module, consider the following common troubleshooting steps. Note that complex transmission issues often require professional diagnostic equipment.

Symptom	Possible Cause	Solution
Rough or erratic shifting	Loose or corroded electrical connection; faulty module; low transmission fluid.	Check and secure connections; verify transmission fluid level; consult technician for module diagnosis.
Check Engine Light (CEL) related to transmission codes	Module malfunction; sensor issue; wiring problem.	Scan for diagnostic trouble codes (DTCs); inspect wiring; professional diagnosis recommended.
No engagement of gears	Severe module failure; major transmission mechanical issue.	Immediate professional diagnosis required. Do not operate vehicle.

Always consult a certified automotive technician for accurate diagnosis and repair of transmission-related issues.

SPECIFICATIONS

Attribute	Value
Manufacturer	Standard Motor Products
Brand	Standard Motor Products
Model	Control Module
Item Model Number	TM36
Item Weight	3.84 ounces
Product Dimensions	3 x 3 x 3 inches
Exterior	Machined
Country of Origin	Mexico

WARRANTY INFORMATION

Standard Motor Products offers a limited warranty on its products. For specific details regarding the warranty period, coverage, and claims process for the TM36 Trans Control Module, please refer to the official Standard Motor Products warranty policy available on their website or contact their customer service department. Keep your proof of purchase for warranty claims.

SUPPORT AND CONTACT

For technical assistance, product inquiries, or support regarding the Standard Motor Products TM36 Trans Control Module, please contact Standard Motor Products directly.

- **Website:** Visit the official Standard Motor Products website for FAQs, product catalogs, and contact information.

- **Customer Service:** Refer to the contact section on their website for phone numbers or email support.

When contacting support, please have your product model number (TM36) and purchase information readily available.

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This manual is for informational purposes only. Standard Motor Products is not responsible for any damage or injury resulting from improper installation or use of this product.

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