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› Motorcraft TM267 Transmission Modulator Valve Instruction Manual

Motorcraft TM267

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1. PRODUCT OVERVIEW

The Motorcraft TM267 is a genuine transmission modulator valve designed as a premium aftermarket replacement part for Ford and Lincoln vehicles. This component is rigorously tested to ensure optimal performance and long-life reliability within your vehicle's transmission system.

Key features include:

- Genuine Motorcraft Module
- Part number: TM267
- Vehicle Specific Fitment
- Package Weight: Approximately 1.37 pounds



Figure 1: Motorcraft TM267 Transmission Modulator Valve. This image displays the physical appearance of the module.

2. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. The package should contain:

- 1x Motorcraft TM267 Transmission Modulator Valve

3. SPECIFICATIONS

Attribute	Detail
Manufacturer	Motorcraft
Brand	Motorcraft

Attribute	Detail
Model	Module
Item Weight	7 pounds (Shipping Weight: 1.37 pounds)
Product Dimensions	7.27 x 6.64 x 5.77 inches
Item Model Number	TM267
Exterior Finish	Painted
Manufacturer Part Number	TM267
ASIN	B009B5RTQ8
Date First Available	July 7, 2004

4. INSTALLATION AND SETUP

The Motorcraft TM267 Transmission Modulator Valve is a vehicle-specific component. Proper installation is crucial for correct transmission operation and vehicle safety. It is highly recommended that installation be performed by a qualified automotive technician.

General Installation Guidelines (Consult your vehicle's service manual for specific procedures):

- Safety First:** Ensure the vehicle is safely lifted and supported on jack stands. Disconnect the battery to prevent accidental electrical shorts.
- Locate the Modulator Valve:** Refer to your vehicle's service manual to identify the exact location of the transmission modulator valve. This typically involves accessing the transmission housing.
- Drain Transmission Fluid:** Depending on the valve's location, it may be necessary to drain some or all of the transmission fluid. Have a suitable drain pan ready.
- Remove Old Valve:** Carefully disconnect any vacuum lines or electrical connectors attached to the old modulator valve. Use appropriate tools to remove the old valve, noting its orientation.
- Install New Valve:** Install the new Motorcraft TM267 valve in the same orientation as the old one. Ensure all seals and gaskets are correctly seated. Reconnect any vacuum lines or electrical connectors securely.
- Refill Transmission Fluid:** If fluid was drained, refill the transmission with the correct type and amount of fluid specified by your vehicle manufacturer. Check fluid levels according to the service manual.
- Test Operation:** After installation, reconnect the battery. Start the vehicle and check for leaks. Test the transmission's operation in all gears to ensure proper shifting and engagement.

Warning: Incorrect installation can lead to transmission damage or unsafe vehicle operation. If you are not confident in performing this installation, seek professional assistance.

5. OPERATION

The transmission modulator valve plays a critical role in automatic transmissions by regulating line pressure based on engine vacuum. This regulation helps the transmission shift smoothly and efficiently according to engine load and speed. Once correctly installed, the Motorcraft TM267 operates automatically as part of your vehicle's transmission system, requiring no direct user interaction.

6. MAINTENANCE

The Motorcraft TM267 Transmission Modulator Valve is designed for long-life reliability and typically does not require routine maintenance. Its lifespan is generally tied to the overall health and maintenance of the vehicle's transmission system.

To ensure the longevity of your transmission components, including the modulator valve, adhere to your vehicle manufacturer's recommended transmission fluid change intervals and use only the specified type of transmission fluid.

7. TROUBLESHOOTING

If you experience issues with your vehicle's transmission after installing the Motorcraft TM267, consider the following general troubleshooting steps:

- **Check Fluid Level:** Ensure the transmission fluid level is correct and that the fluid is clean. Low or contaminated fluid can cause shifting problems.
- **Inspect Connections:** Verify that all vacuum lines and electrical connectors to the modulator valve are securely attached and free from damage or leaks.
- **Vacuum Leaks:** A vacuum leak elsewhere in the engine system can affect the modulator valve's operation. Check for any signs of vacuum leaks.
- **Diagnostic Trouble Codes (DTCs):** Use an OBD-II scanner to check for any stored diagnostic trouble codes related to the transmission or engine. These codes can provide valuable clues.
- **Professional Diagnosis:** If problems persist, it is advisable to have the vehicle diagnosed by a certified automotive technician. Transmission issues can be complex and may require specialized tools and expertise.

8. WARRANTY AND SUPPORT

The Motorcraft TM267 Transmission Modulator Valve comes with a**Two-Year Unlimited Mileage Warranty**. This warranty includes labor and has no commercial exceptions, providing comprehensive coverage for your peace of mind. For warranty claims, technical support, or further assistance, please contact Motorcraft customer service or your authorized Motorcraft dealer. Keep your purchase receipt and any installation records for warranty purposes.

