

Dorman 599-120

Dorman 599-120 Remanufactured Transmission Control Module Instruction Manual

Your guide to proper installation, operation, and maintenance.

PRODUCT OVERVIEW

The Dorman 599-120 is a remanufactured Transmission Control Module (TCM) designed to match the function and performance of the original equipment TCM on specified vehicle applications. This module is a direct replacement, offering a reliable solution for original parts that have failed due to corrosion or electrical issues.

Key features include:

- **Direct Replacement:** Engineered to match the fit and function of the original TCM.
- **Thoroughly Tested:** Undergoes full vehicle simulator testing to ensure complete functionality.
- **Quality Construction:** Designed for durability and long-lasting performance.



Image: The Dorman 599-120 Remanufactured Transmission Control Module, showing its compact design and electrical connector.

SETUP AND INSTALLATION

Installation of the Dorman 599-120 Transmission Control Module requires professional expertise. It is crucial to ensure proper fitment for your specific vehicle make, model, and trim level before installation. After physical installation, the module **must be programmed** with original manufacturer software. This programming can often be performed using a Remote Assist Programming (RAP) Kit or by a certified automotive technician.

Important Considerations:

- **Professional Installation Recommended:** Due to the complexity of automotive electronic systems, installation by a qualified technician is strongly advised.
- **Vehicle Compatibility:** Verify that this part is compatible with your vehicle using the manufacturer's fitment tools or by consulting a professional.
- **Programming Required:** The module will not function correctly without proper programming to your vehicle's specific software.

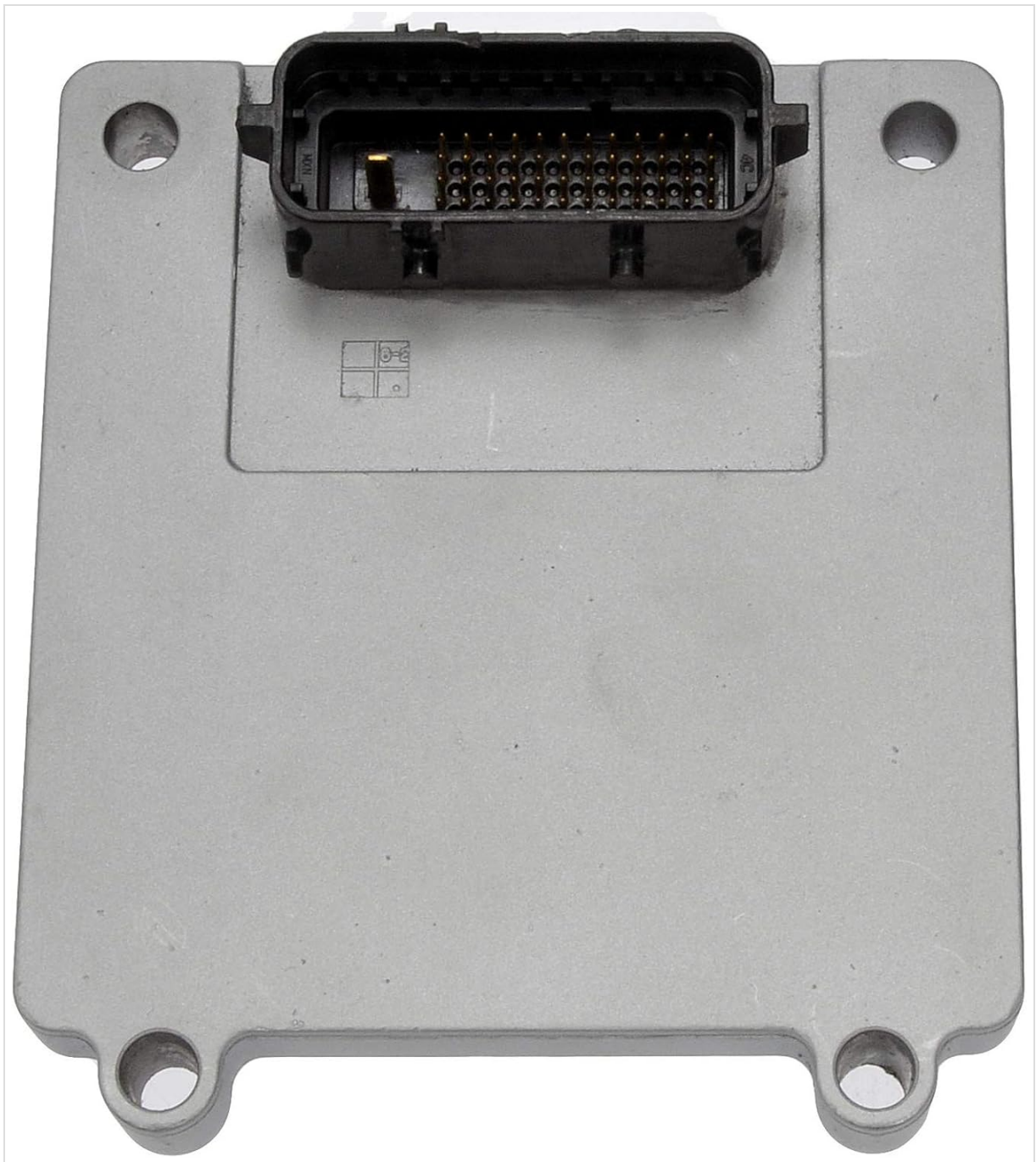


Image: A side view of the Dorman 599-120 Transmission Control Module, highlighting the multi-pin electrical connector.

OPERATION

Once correctly installed and programmed, the Dorman 599-120 Transmission Control Module will restore the proper function of your vehicle's transmission system. The TCM is responsible for managing gear shifts, torque converter lock-up, and other critical transmission operations, ensuring smooth and efficient power delivery. Its remanufactured design ensures it meets or exceeds original equipment performance standards.

MAINTENANCE

The Dorman 599-120 Transmission Control Module is designed for long-term reliability and typically requires no routine maintenance after installation. However, ensuring the overall health of your vehicle's electrical system and transmission fluid is important for the longevity of all transmission components, including the TCM. Regularly check for any signs of fluid leaks or electrical issues that could impact the

module's performance.

TROUBLESHOOTING COMMON ISSUES

If you experience transmission-related issues after installing the Dorman 599-120 TCM, consider the following general troubleshooting steps:

- **Verify Programming:** Confirm that the module was correctly programmed to your vehicle's specifications. Incorrect programming is a common cause of malfunction.
- **Check Electrical Connections:** Ensure all connectors are securely attached and free from corrosion or damage.
- **Scan for Diagnostic Trouble Codes (DTCs):** Use an OBD-II scanner to retrieve any stored DTCs, which can provide valuable information about the nature of the problem.
- **Consult a Professional:** For persistent or complex issues, it is always best to seek assistance from a certified automotive technician.



Image: The Dorman 599-120 Transmission Control Module, displaying the Dorman branding and model number on its casing.

PRODUCT SPECIFICATIONS

Specification	Detail
Manufacturer	Dorman Products
Brand	Dorman
Model	Transmission Control Module
Item Weight	12.2 ounces
Product Dimensions	9.25 x 5.75 x 2.25 inches
Item Model Number	599-120
Manufacturer Part Number	599-120
OEM Part Numbers	24252114; 24226863; 24230461; 24234503; 24235340; 24235776; 24239224; 24242391; 24243901; 24251062; 24252114

WARRANTY INFORMATION

Dorman products are known for their quality and reliability. This remanufactured Transmission Control Module typically comes with a manufacturer's warranty. For specific warranty details, including coverage duration and terms, please refer to the documentation included with your product or visit the official Dorman Products website. Keep your purchase receipt as proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For further assistance, technical questions, or support regarding your Dorman 599-120 Remanufactured Transmission Control Module, please contact Dorman Products customer service. You may also consult a certified automotive technician for professional advice and service.

Visit the Dorman brand store for more information:[Dorman Brand Store](#)