

# MERITOR WABCO

## Technical Bulletin

### Requirements for Meritor WABCO ECU Aftermarket Programming

#### Covers Most Meritor WABCO Pneumatic ABS ECUs

### ECU Aftermarket Programming

Meritor WABCO has launched Aftermarket Programming which allows Meritor WABCO pneumatic ABS ECUs to be programmed on demand at the point of service. The goal of this program is to improve vehicle uptime by allowing the point of service to maintain a small inventory of ECUs that can be programmed for a specific vehicle whenever an ECU needs to be replaced.

**NOTE:** Not all ECUs will require programming. ECUs that require programming are shipped with an orange label indicating programming is required. If you are unsure whether your ECU requires programming, contact the Meritor OnTrac™ Customer Call Center at 1-866-OnTrac1 (866-668-7221).

### Programming Requirements

Before ordering a programmable ECU, ensure you meet all of the following requirements to program the ECU on the vehicle:

1. J1939 communications. Any wired J1939 RP1210 diagnostic adapter such as the Nexiq USB-Link™ 2 or Noregon JPro® DLA or DLA+PLC can be used for programming.

**NOTE:** Not all vehicles have J1939 communication with the ECU. For any vehicle built prior to 2010, verify J1939 communications with the ECU are possible using TOOLBOX™ Software before purchasing a programmable ECU.

2. TOOLBOX™ Software version that supports your ECU:
  - 250k E-version ECUs require TOOLBOX™ 11.5 or higher
  - 500k E-version ECUs require TOOLBOX™ 12.2 or higher
3. User account at <https://meritorwabco.snapon.com>.
4. Credit card for configuration file purchase or pre-approved PO with Snap-on Business Solutions.

If you do not have the required diagnostic adapter or minimum TOOLBOX™ Software version, these items can be purchased at <https://meritorwabco.snapon.com>.

If you do not have J1939 communications available at the diagnostic connector or you cannot purchase a configuration file using a credit card or pre-approved PO, a fully programmed ECU can be purchased from Meritor's Commercial Vehicle Aftermarket by contacting Customer Care at 1-888-725-9355, Option #4.

**NOTE:** An active CVA account is required to purchase components from Meritor Parts Online or Florence customer service. If you do not have a CVA account, please contact your local authorized Meritor WABCO repair facility for ECU purchase.

### Programming Process

Once you are sure you meet all the requirements for aftermarket programming, complete the four-step process:

1. Acquire a programmable replacement ECU from Meritor Aftermarket by visiting Meritor Parts Online (<https://meritorpartsonline.com>) or contacting Meritor Customer Care at 1-888-725-9355.
2. Install the replacement ECU into the vehicle.
3. Acquire a configuration file from <https://meritorwabco.snapon.com>.
4. Load the configuration file into the ECU using Meritor WABCO's TOOLBOX™ Software Aftermarket Programming application.

### How to Obtain Additional Maintenance, Service and Product Information

Additional information on aftermarket programming, including troubleshooting tips, can be found at <http://www.meritorwabco.com/product/Aftermarket-Programming>.

- Publication SP-1591, Frequently Asked Questions  
— Includes general information on aftermarket programming including troubleshooting tips for common issues.
- Operations Manual OM-1600, Meritor WABCO ABS ECU Aftermarket Programming User Guide

— Includes detailed procedures for completing aftermarket programming and the complete aftermarket programming failure code list.

- Maintenance Manual MM-0112, Anti-Lock Braking System (ABS) and Electronic Stability Controls (ESC) For E Version ECUs

— Contains all pneumatic ABS and ESC ECU troubleshooting information.

If you have any questions about the material covered in this publication, or for more information about the Meritor WABCO product line, please contact the Meritor OnTrac™ Customer Call Center at 1-866-OnTrac1 (866-668-7221) or visit our website:

[meritorwabco.com](http://meritorwabco.com)

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