

WABCO

Technical Bulletin

Requirements for WABCO ECU Aftermarket Programming

Covers most WABCO Pneumatic
and SmartTrac® Hydraulic
ABS ECUs

ECU Aftermarket Programming

WABCO's Aftermarket Programming allows WABCO pneumatic and SmartTrac® hydraulic 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 WABCO Customer Care Center at 855-228-3203.

Programming Requirements

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

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 PLUS™ Software before purchasing a programmable ECU. If the vehicle does not have J1939 communication or to program on the bench, use WABCO's Bench Programming Unit (part number 400 850 960 0).

2. TOOLBOX PLUS™ Diagnostic Software
3. User account at <https://wabco.snapon.com>.

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

If you are unable to program the ECU, a fully programmed ECU can be purchased at additional cost through contacting the WABCO Customer Care Center at 855-228-3203.

Programming Process

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

1. Acquire a programmable replacement ECU by contacting the WABCO Customer Care Center at 855-228-3203.
2. Install the replacement ECU into the vehicle or connect to WABCO's Bench Programming Unit.
3. Acquire a configuration file from <https://wabco.snapon.com>.
4. Load the configuration file into the ECU using WABCO's TOOLBOX PLUS™ Software Aftermarket Programming application.

How to Obtain Additional Maintenance, Service and Product Information

Additional information on aftermarket programming can be found at www.wabco-na.com/literature.

- Publication TP19027, SmartTrac Hydraulic ABS Aftermarket Programming
- Publication MM1543, SmartTrac Hydraulic ABS Maintenance Manual
- Publication MM1719, mBSP Maintenance Manual
- Publication MM1814, OnLaneALERT® Maintenance Manual
- Publication MM0112, Anti-Lock Braking System (ABS) and Electronic Stability Controls (ECS) Maintenance Manual
- Publication SP18016, Bench Programming Unit

If you have any questions about the material covered in this publication, or for more information about the WABCO product line, please contact the WABCO Customer Care Center at 855-228-3203 or visit our website: www.wabco-na.com.

WABCO

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