

ELECTRONIC AUTOMATIC TRANSAXLE CONTROLLER (EATX III) INSTALLATION GUIDE

To ensure full core credit, if applicable, the core must be returned in the replacement unit box.



Top 5 things to do to ensure successful installation

1. Determine original cause of failure and repair.
2. Refer to and apply any applicable Technical Service Bulletins (TSB's).
3. Avoid static electricity when handling the replacement unit.
4. Do not over tighten harness connector.
5. Perform Transaxle Quick Learn Procedure.

PRECAUTIONS AND NOTICES

- A DRB3 or equivalent scan tool is required to successfully install this unit.
- Refer to the vehicle service manual for required safety precautions, correct removal, installation, and testing procedures. If you lack the installation experience, the proper tools or reference material, you should seek the services of a qualified technician.
- Instructions supplied with this unit are intended as a supplement to the vehicle service manual; it is not the sole information required for successful installation of the replacement unit. It is not intended to cover all possible removal and installation steps and procedures.
- This unit is guaranteed to fit and function in the applications for which it is listed. Carefully verify that the replacement unit part number is correct for your application.

REMOVE ORIGINAL UNIT

1. Follow vehicle service manual for step-by-step removal procedures and precautions.
2. Save all mounting hardware and fasteners.

INSTALL REPLACEMENT UNIT

1. Before installing the TCM module, you must try to determine what caused the original unit failure. Make necessary repairs before installing and operating the replacement unit.

2. Be sure to check for all applicable TSB's for your vehicle before completing the installation.
3. Static electricity can damage electronic components. By following a few safety procedures, you can reduce the risk of damage from static electricity.
 - a. Use an antistatic wrist strap.
 - b. Avoid contact with electrical connectors.
 - c. Frequently touch a known good ground during installation to discharge static electricity that you may have developed.
4. Install the replacement unit reversing the removal procedure.
5. Connect vehicle harness to unit and tighten. CAUTION: Torque connector bolt to a maximum of 4 Nm (38 in. lbs.).
6. Perform the Transaxle Quick Learn Procedure. This procedure allows the Transaxle Electronic System to recalibrate itself to provide the best possible transaxle operation. The quick learn procedure should be performed if any of the following actions have been implemented using a Chrysler DRB3 or equivalent scan tool.
 - Transaxle Assembly replacement
 - Transmission Control Module replacement
 - Solenoid Pack replacement
 - Clutch Plate and/or Seal replacement
 - Valve Body recondition or replacement
7. Perform Pinion Factor Procedure.

The vehicle speed readings for the speedometer are taken from the output speed sensor. The TCM must be calibrated to reflect the different combinations of equipment available. The Pinion Factor procedure allows the technician to set the TCM initial settings so that the speedometer readings will be correct. This procedure must be performed if the TCM has been replaced. Failure to perform this procedure will result in a "NO SPEEDOMETER OPERATION" condition. NOTE: a DRB3 or equivalent scan tool MUST be used to perform the Pinion Factor procedure.
8. Complete installation following the vehicle service manual and any additional supplied instructions.