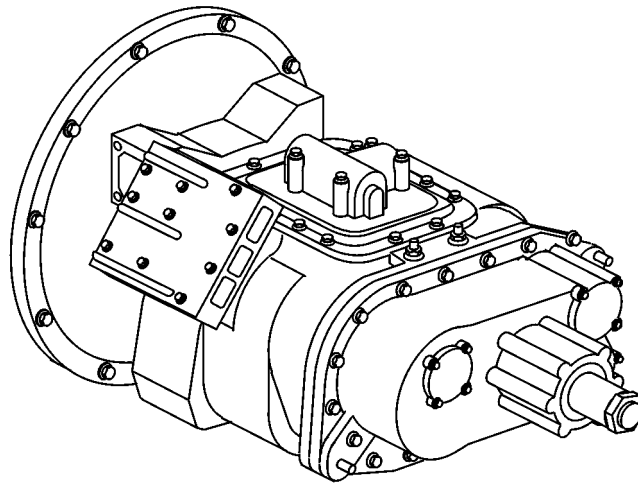


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Transmission ECU Replacment
with Eaton Autoshift™ Transmission
VN, VHD

Transmission ECU Replacement

(Effective from October 2000)



W4002464

This information covers the replacement for the Eaton Autoshift™ Transmission ECU.
No special tools are required for this procedure.

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4319-03-02-03 Transmission ECU, Replacment

See also "Transmission ECU Replacement" page 1.

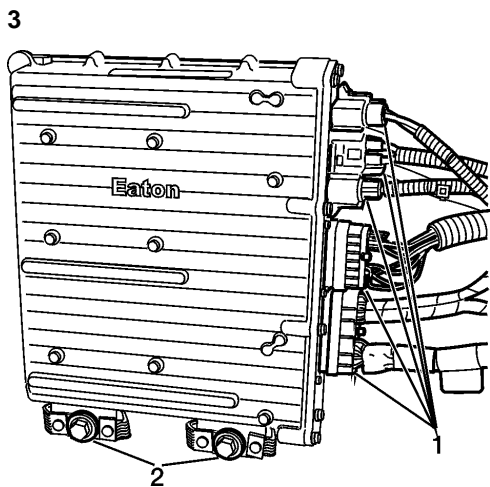
Eaton Autoshift



Before working on a vehicle, set the parking brakes, place the transmission in neutral, and block the wheel. Failure to do so can result in unexpected vehicle movement and can cause serious personal injury or death.

Removal

- 1 Disconnect the battery cables.
- 2 Remove the driveshaft from the transmission.



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Fig. 1: Eaton Transmission ECU

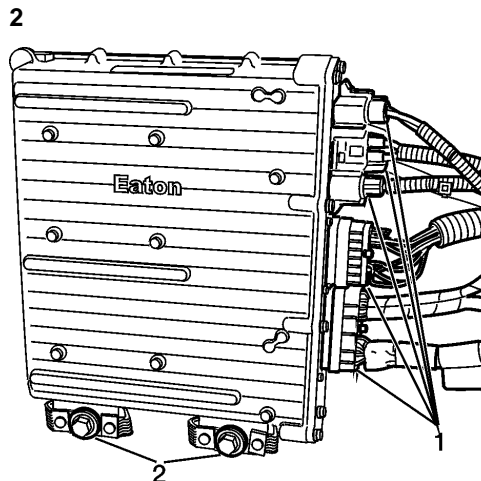
Unplug all wiring harnesses (1) to the transmission ECU.

- 4 Remove the two bolts (2) that hold the ECU to the transmission.

- 5 Remove the ECU from the transmission.

Installation

- 1 Install the transmission ECU back on to the transmission.



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Fig. 2: Eaton Transmission ECU

Install and torque all ECU bolts (2) to 41 Nm (30 ft-lb).

- 3 Plug all harnesses (2) back into the ECU.

- 4 Install the drive shaft back into the transmission yoke. Tighten the drive shaft bolts (M12) to a torque of 148 ± 13 Nm (109 ± 10 ft-lbs)

- 5 Connect all the battery cables.

- 6 Reprogram the ECU according to the Eaton Service Ranger software.