

Transmission Control Module (TCM) - 3.0L Power Stroke Diesel/3.5L EcoBoost (272kW/370PS)

Removal

NOTE: *The TCM is located on the RH frame rail.*

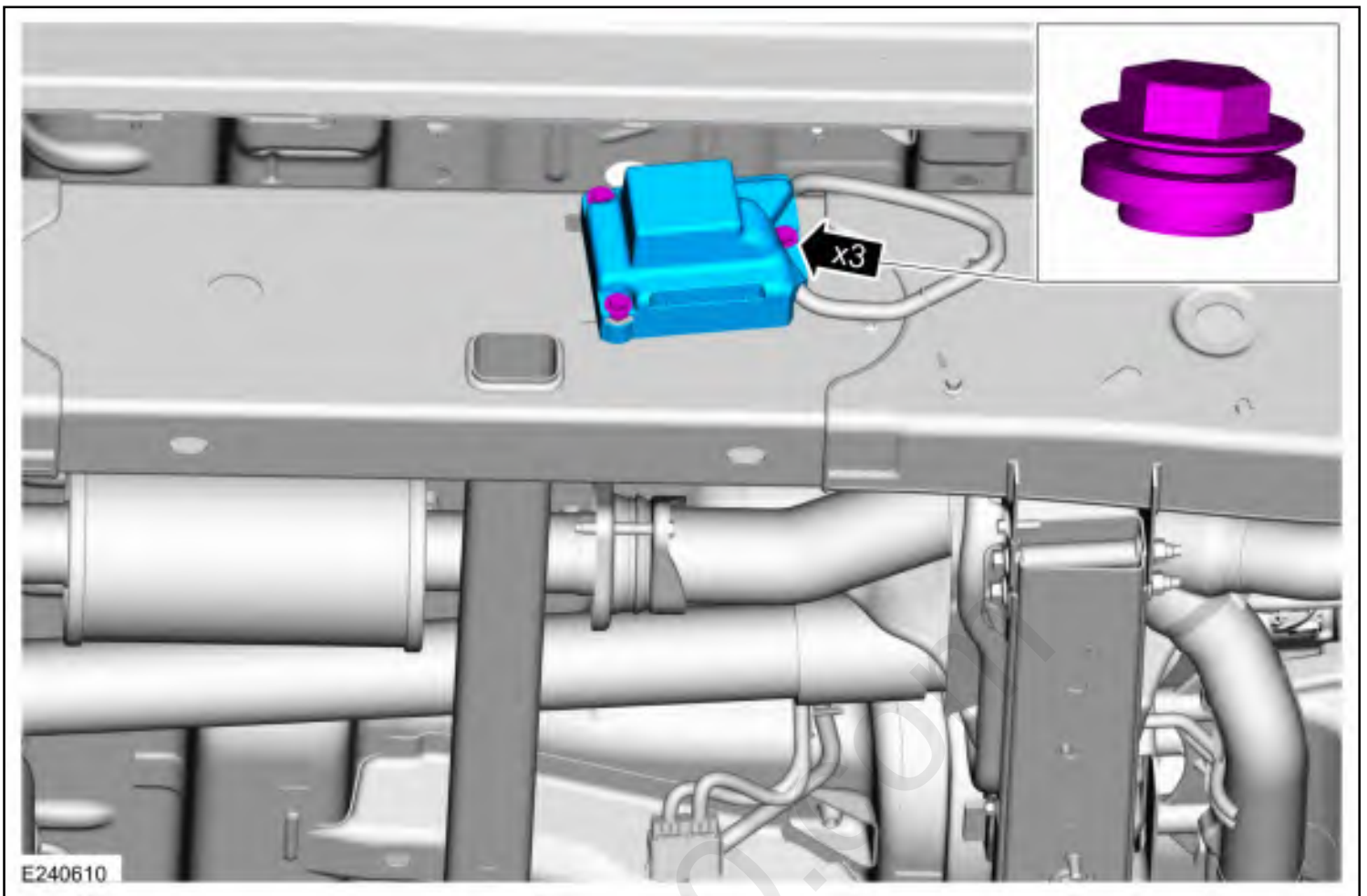
1. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: [Jacking and Lifting - Overview](#) (100-02 Jacking and Lifting, Description and Operation).

2. **NOTE:** *This step is only necessary when installing a new component.*

Download the module information to the diagnostic tool using the PMI routine.

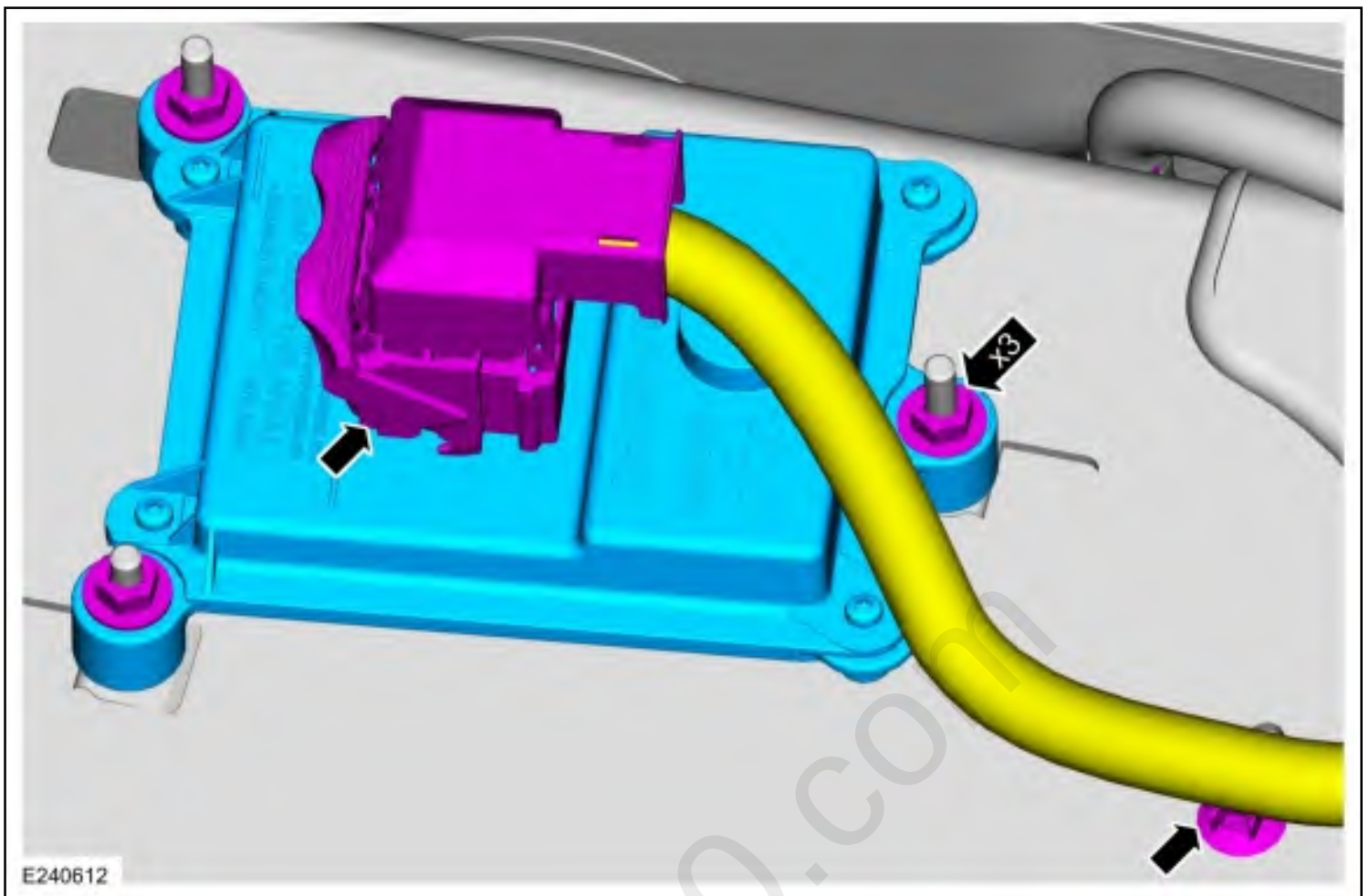
Refer to: [Module Programming](#) (418-01 Module Configuration, General Procedures).

3. Remove the retainers and the TCM shield.

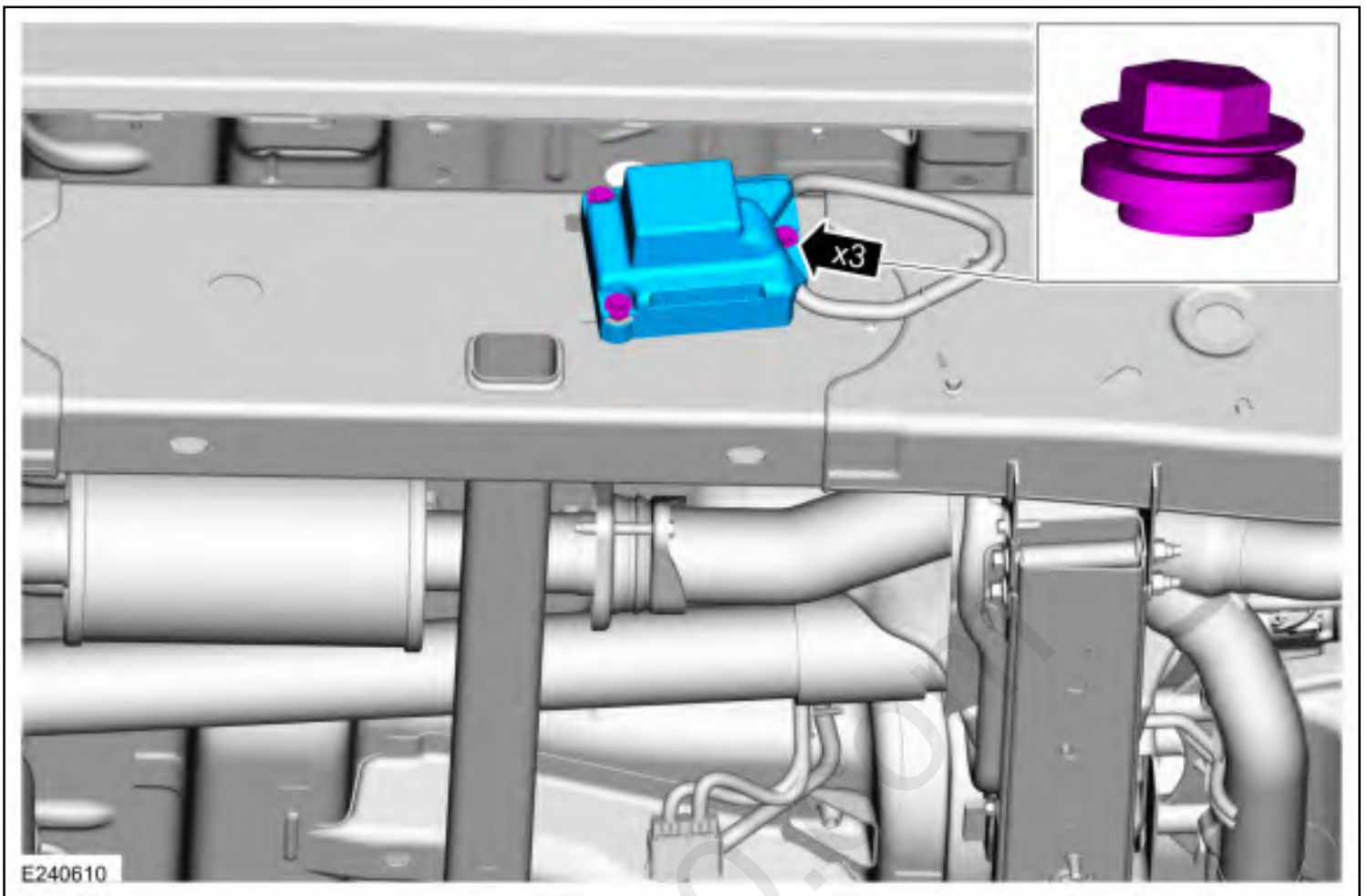


4. **NOTICE: Keep the TCM electrical connector straight when connecting it or damage the connector terminals can occur.**

- Slide the lock tab up and disconnect the TCM electrical connector.
- Detach the TCM wiring harness retainer and position aside
- Remove the nuts and the TCM.



2. Install the TCM shield and retainers.



3. Restore the module configuration. Carry out the module configuration restore steps of the PMI procedure.
Refer to: [Module Programming](#) (418-01 Module Configuration, General Procedures).
4. Using the scan tool, download the solenoid body strategy.
Refer to: [Transmission Strategy Download](#) (307-01B Automatic Transmission - 10-Speed Automatic Transmission - 10R80, General Procedures).