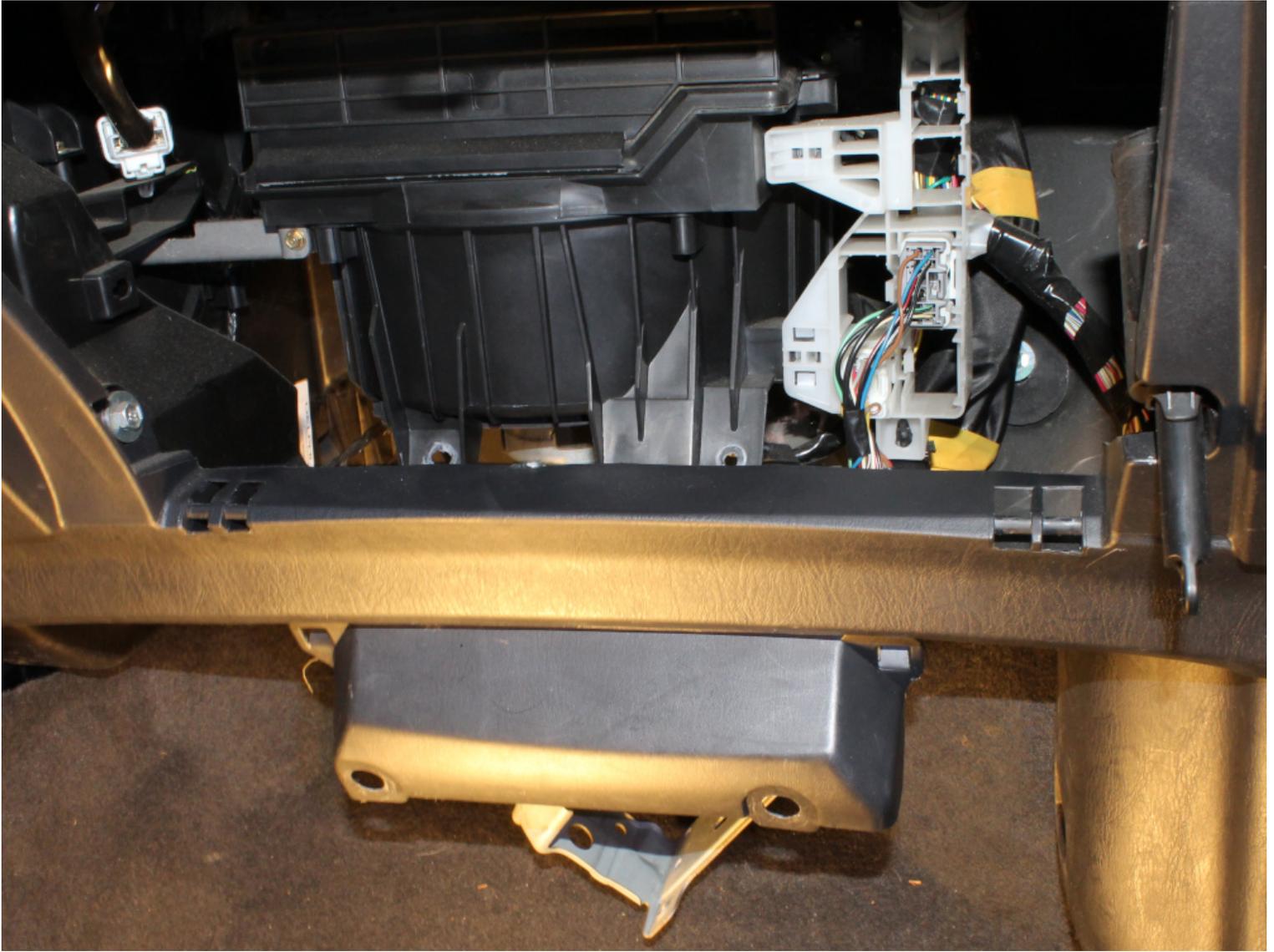


2007 Pontiac Vibe ECM (Engine Control Module) PCM (Powertrain Control Module) Replacement

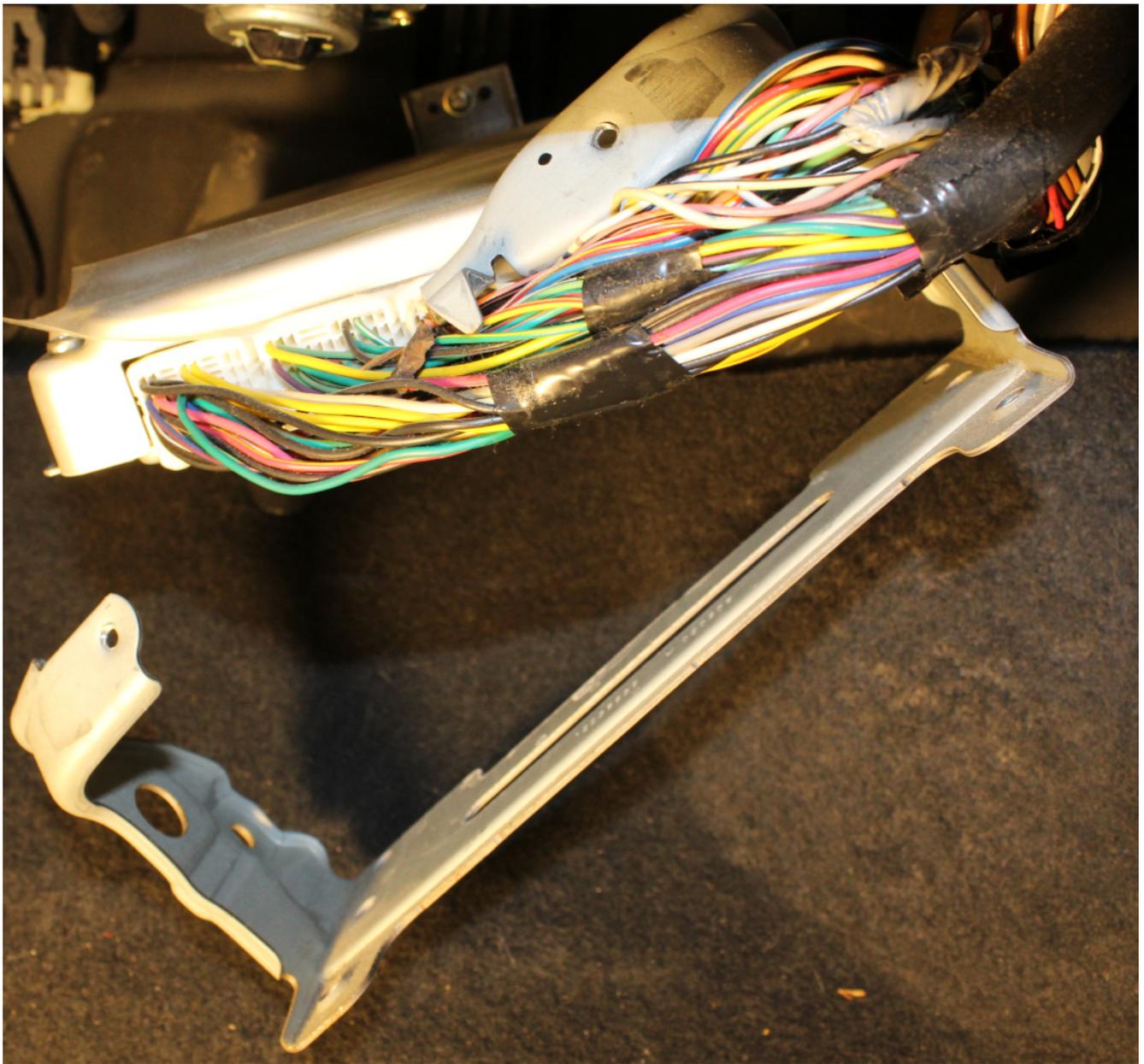


Whole Aspect

OBDII scan showed errors related to O2 sensor malfunction.

However, I concluded that ECU itself had malfunction based on the various trials and inspections.

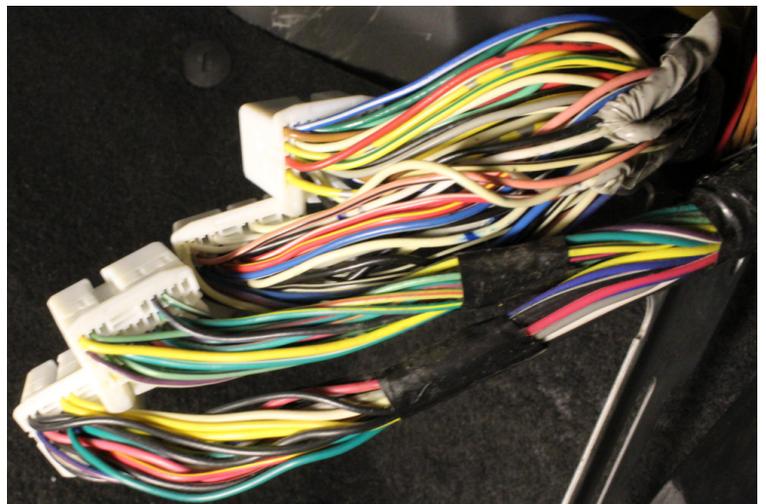
After the ECU replacement without replacing O2 sensors, Vibe recovered the vivid run.



ECM Removing



Connector on ECM



Connector



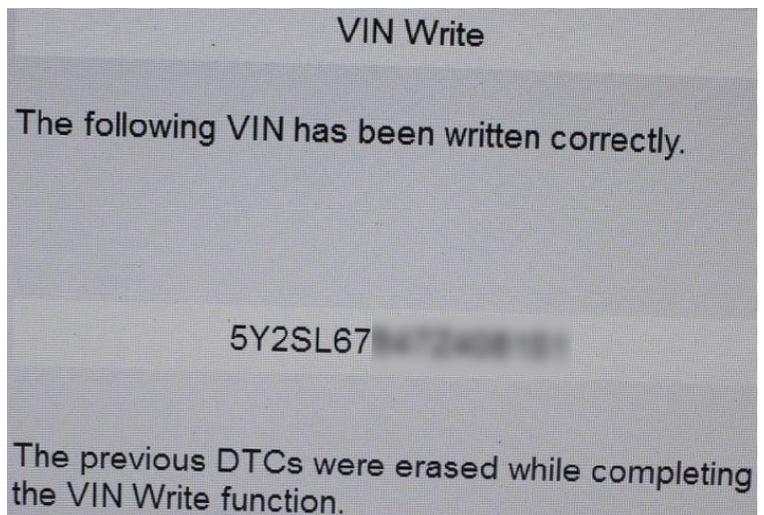
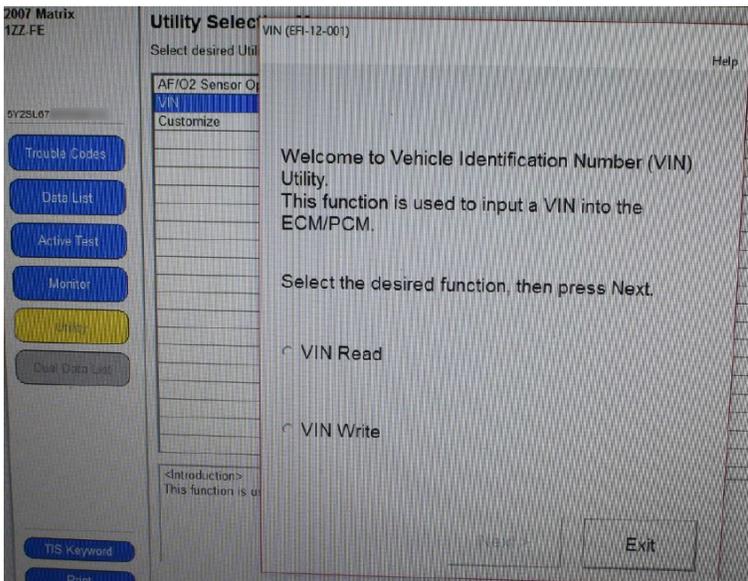
Old ECU & New ECU

Regularly, VIN (Vehicle Identification Number) is not stored on a new ECU.

It results in OBDII (On-Board Diagnostics 2) scan error and check engine light turns on.

Smog check does not accept automobiles with OBDII scan error nowadays.

Tech Stream (diagnostic tool for Toyota vehicles) successfully wrote (programmed) VIN although mechanics at Pontiac dealership requested to pay \$180 for such simple VIN programming.



Writing VIN by Tech Stream