

U1039 - SCP (J1850) INVALID OR MISSING DATA FOR VEHICLE SPEED - DTC CHART

Description: Network DTC(s) occur during module to module communication concerns.

Possible Causes:

- Invalid data network concerns - data is transferred within the normal inter-module message, but contains known invalid data. The transmitting module logs a DTC related to the invalid data concern.
- Missing message network concerns - missing message concerns are logged by the module upon failure to receive a message from another module within a defined retry period.

Diagnostic Aids: Check for other PCM DTCs or PCM related symptoms. Diagnose all other PCM DTCs or PCM related symptoms first.

Application	Key On Engine Off	Key On Engine Running	Continuous Memory
All	GO to Pinpoint Test QA .		

DIAGNOSTIC TROUBLE CODE (DTC) CHARTS AND DESCRIPTIONS > U210B - LOST COMMUNICATION BETWEEN FUEL PUMP CONTROL MODULE A AND RESTRAINTS CONTROL MODULE - DTC CHART

U210B - LOST COMMUNICATION BETWEEN FUEL PUMP CONTROL MODULE A AND RESTRAINTS CONTROL MODULE - DTC CHART

Description: The fuel pump control module monitors the duty cycle and frequency of the signal it receives from the restraints control module (RCM). The fuel pump control module determines if the signal on the event notification signal (ENS) circuit from the RCM is a valid duty cycle and frequency. If the duty cycle or frequency is invalid, the fuel pump control module sends a 40% duty cycle signal on the fuel pump monitor (FPM) circuit to report the concern to the PCM. The test fails when the fuel pump control module is still reporting that it is receiving an invalid duty cycle or frequency from the RCM after a calibrated amount of time.

Possible Causes:

- ENS circuit open or short to ground
- ENS circuit short to voltage
- Radio frequency interference or electromagnetic interference
- Damaged fuel pump control module
- Damaged RCM

Diagnostic Aids: Check the harness for routing, alterations, incorrect shielding, or electrical interference from other systems. The ENS is used to notify the fuel pump control module of an event requiring the fuel pump to be disabled. This signal is used instead of an inertia fuel shutoff (IFS) switch. The fuel pump control module monitors the ENS signal by sending a 12V low current signal on the ENS