



Service News

To: Service Managers
Service Technicians

Region: U.S.
 CAN

Bulletin: SNV21-001
Date: January 25, 2020
Valid to: N/A

Action Required? Yes No

From: Reliability Engineering

Subject: Improved method for determining which DTC to troubleshoot in a MIL on situation

This information is applicable to vehicles built January 1, 2021 as it pertains to EMS and ACM DTC's. The below information will be retroactive to 2019 and 2020 model year Trucks as well, planned release Q1 2021.



In situations where the Technician has an illuminated MIL (Malfunction Indicator lamp) and multiple confirmed DTC = True DTC's.

A Software enhancement has been introduced to allow PTT to read and display an additional Bit 7 info type. Upon expanding the "Detailed Status Information" icon within PTT's fault code scan screen, the Technician will now see a new line for "Warning Indicator Requested".

Warning Indicator Requested = False (DTC not causing MIL, most likely a Healed DTC)

Warning Indicator Requested = True (DTC causing MIL and should be diagnosed)

This functionality will only be available with latest ECM and ACM software versions.

2. View DTC information (Step 2 of 3)

Refresh Clear Filter

DTC List (56 items) Product time:

Control Unit	DTC	Status	Count	First
Engine Control Module (EMS)	P114800: Lost Communication With ECM According To Turbocharger/Supercharger Control Module "A"; No additional information	Inactive	4	4/16
Gearselector ECU (MID 223)	PSID 205: Data link, MID130, FMI 9: Abnormal update rate	Inactive	4	4/16
Body Builder Module (BBM)	U100387: Lost Communication with VECU, Missing message	Inactive	4	4/25
Information display (MID 140)	PID 91: Accelerator pedal position, %, FMI 9: Abnormal update rate	Inactive	5	4/16
Information display (MID 140)	PSID 205: Data link, MID130, FMI 9: Abnormal update rate	Inactive	3	4/16
Light Control Module (LCM) (MID 216)	PSID 97: Left headlamp module, FMI 3: Voltage above normal or shorted to higher voltage	Inactive	255	4/15
Information display (MID 140)	PSID 201: Data link, MID144, FMI 9: Abnormal update rate	Inactive	14	4/16
Engine Control Module (EMS)	P117900: Starter Motor Deactivated - PTO Active, No additional information	Inactive	0	-
Information display (MID 140)	PID 102: Boost pressure, FMI 9: Abnormal update rate	Inactive	3	4/16

Lost Communication With ECM According To Turbocharger/Supercharger Control Module "A"

Detailed status information

Title	Value
Confirmed DTC	True
Pending DTC	False
Test failed	False
Test failed since last clear	True
Test failed this operation cycle	False
Test not completed since last clear	False
Test not completed this operation cycle	False
Warning indicator requested	False

Freeze Frame Information