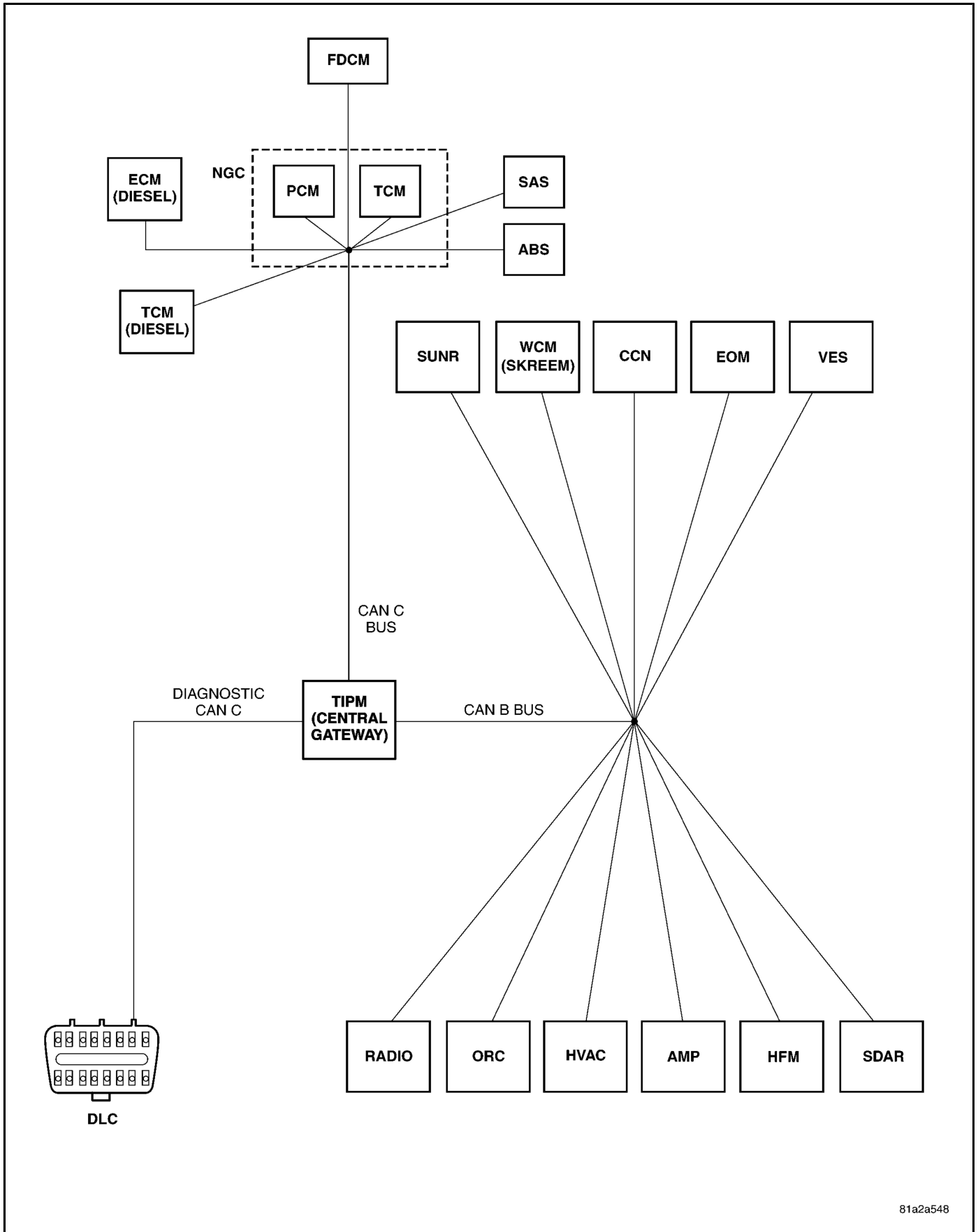


2008 - DH - RAM 1500/2500 PICKUP - 6.7L CUMMINS TURBO DIESEL

28 - DTC-Based Diagnostics / MODULE, Totally Integrated Power (TIPM)/Diagnosis and Testing

U0141-LOST COMMUNICATION WITH FRONT CONTROL MODULE (TOTALLY INTEGRATED POWER MODULE)



For a complete wiring diagram, refer to the **Wiring Information**.

- **When Monitored:**

With the ignition on.

Battery voltage between 10 and 16 volts.

IOD fuse installed.

TIPM is configured correctly.

- **Set Condition:**

Bus messages not received from the Front Control Module (on this vehicle, it is the Totally Integrated Power Module or TIPM) for approximately 2 to 5 seconds.

Possible Causes
CAN B BUS CIRCUITS OPEN OR SHORTED
DTCS RELATED TO BATTERY VOLTAGE, IGNITION, OR VIN MESSAGES
TIPM NOT CONFIGURED CORRECTLY
TOTALLY INTEGRATED POWER MODULE POWER AND GROUND
TOTALLY INTEGRATED POWER MODULE
MODULE THAT SET THIS DTC

1. VERIFY DTC IS ACTIVE

NOTE: Ensure the IOD fuse is installed and battery voltage is between 10 and 16 volts before proceeding.

1. With the scan tool, read active DTCs.

Is this DTC active?

Yes • Go To 2

No • Refer to the Stored Lost Communication test procedure. (Refer to 29 - Non-DTC Diagnostics/Communication - Diagnosis and Testing)

2. CHECK FOR ANY OF THE FOLLOWING ACTIVE DTCS

1. With the scan tool, read all active DTCs from all modules.

NOTE: Check for TIPM configuration, CAN B or C hardware electrical, VIN Missing/Mismatch, battery or ignition related DTCs.

Does the scan tool display any active DTCs to the conditions listed above?

Yes • Diagnose and repair the DTC found.
• Perform the BODY VERIFICATION TEST. (Refer to 28 - DTC-Based Diagnostics/MODULE, Totally Integrated Power (TIPM) - Standard Procedure)

No • Go To 3

3. VERIFY THAT THE TIPM IS ACTIVE ON THE BUS

1. Turn the ignition on.
2. With the scan tool, select Network Diagnostics.
3. Verify that the TIPM is active on the bus.

Is the TIPM active on the bus?

Yes • Go To 4

No • Perform the No Response diagnostic procedure. (Refer to 29 - Non-DTC Diagnostics/Communication - Diagnosis and Testing)

4. CHECK FOR ADDITIONAL COMMUNICATION RELATED DTCS

1. With the scan tool, select Network Diagnostics.

Is there more than one module with active DTCS “Logged Against” the TIPM?

Yes • Replace/update the Totally Integrated Power Module (TIPM) in accordance with the service information.
• Perform the BODY VERIFICATION TEST. (Refer to 28 - DTC-Based Diagnostics/MODULE, Totally Integrated Power (TIPM) - Standard Procedure).

No • Replace/update the module that set this DTC in accordance with the service information.
• Perform the appropriate VERIFICATION TEST.