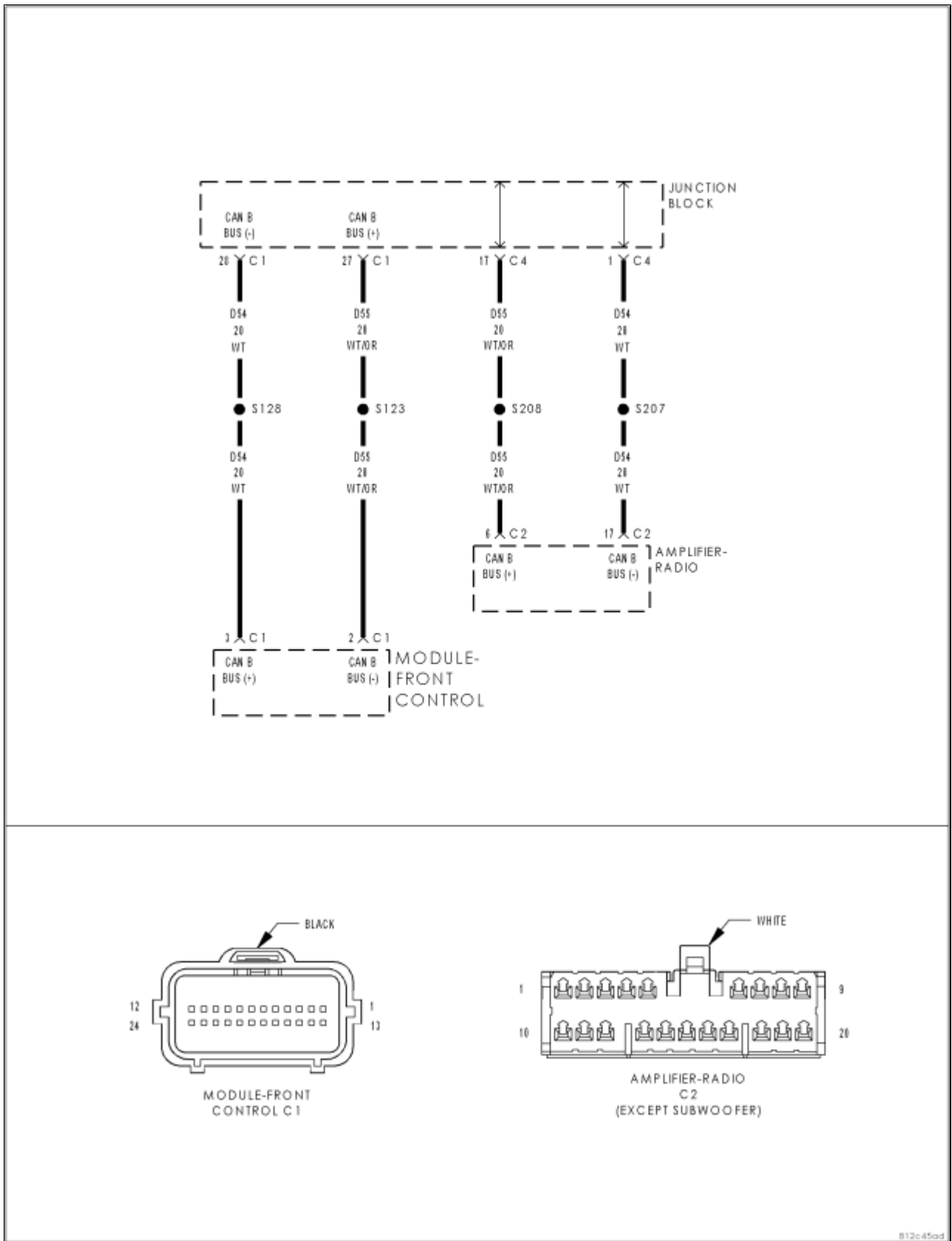


U0019-CAN B BUS



For a complete wiring diagram **Refer to Section 8W.**

- **When Monitored:**
- Continuously.
- **Set Condition:**
- Whenever the Can B Bus (+) or B Bus (–) circuit is open, shorted to voltage or shorted to ground, this code will set.

| Possible Causes |
|--|
| CAN B BUS DTCs IN FRONT CONTROL MODULE |
| (D54) CAN B BUS (–) CIRCUIT OPEN |
| (D55) CAN B BUS (+) CIRCUIT OPEN |
| AMPLIFIER |

Diagnostic Test

1. TEST FOR INTERMITTENT CONDITION

Turn the ignition on.

With the scan tool, record and erase DTCs

Cycle the ignition from on to off 3 times.

Turn the ignition on.

With the scan tool, read DTCs.

Does the scan tool display U0019–CAN B BUS CIRCUIT?

Yes

- Go To [2](#)

No

- The conditions that caused this code to set are not present at this time. Using the wiring diagram/schematic as a guide, inspect the wiring and connectors.
- Perform BODY VERIFICATION TEST - VER 1.

2. CHECK FRONT CONTROL MODULE DTCs

With the scan tool, read Front Control Module DTCs

Does the scan tool display any CAN B BUS DTCs – ACTIVE?

Yes

- Refer to the symptom list for problems related to Communication in the ELECTRICAL.– ELECTRONIC CONTROL MODULES – ELECTRICAL DIAGNOSES section.
-

No

- Go to [3](#)
-

3. CAN B BUS (+) CIRCUIT OPEN

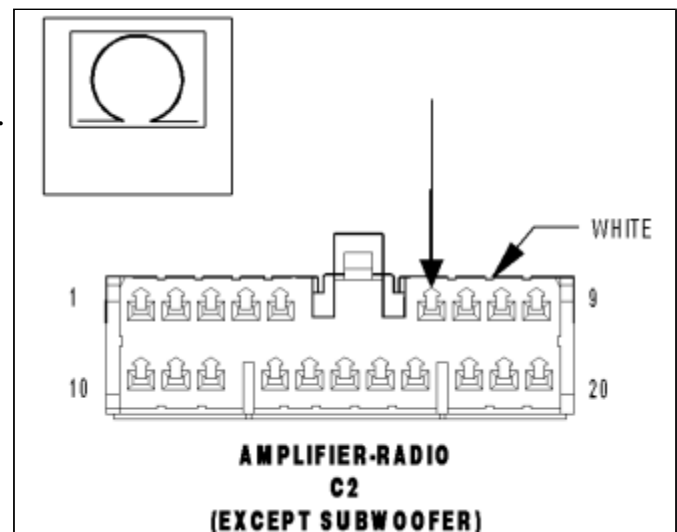
Turn the ignition off.

Disconnect the Amplifier harness connector.

Disconnect the Front Control Module C1 harness connector.

Measure the resistance of the (D55) Can B Bus (+) circuit between the Front Control Module C1 harness connector and the Amplifier harness connector.

Is the resistance below 2.0 ohms?



Yes

- Go To [4](#)
- Perform BODY VERIFICATION TEST - VER 1.

No

- Repair the Can B Bus (+) circuit for an open.
- Perform BODY VERIFICATION TEST - VER 1.

4. CAN B BUS (-) CIRCUIT OPEN

Measure the resistance of the (D54) Can B Bus (-) circuit between the Front Control Module C1 harness connector and the Amplifier harness connector.

Is the resistance below 2.0 ohms?

Yes

- Replace the Amplifier in accordance with the service information..
- Perform BODY VERIFICATION TEST - VER 1.

No

- Repair the Can B Bus (-) circuit for an open.
- Perform BODY VERIFICATION TEST - VER 1.

