

DIAGNOSIS AND TESTING > STARTING SYSTEM > PINPOINT TEST(S) > PINPOINT TEST C : C113A:11 OR C113A:15

C113A:11 or C113A:15

Refer to Electronic Engine Controls - 2.3L for schematic and connector information.

Normal Operation and Fault Conditions

The wake-up control circuit wakes up the PCM prior to the engine cranking. The PCM needs to wake up prior to a crank request so it has time to go through its initialization. The wake-up control circuit is controlled by the BCM. The BCM activates the wake-up control circuit when the driver door is opened or when the ignition is in the ON or START position.

DTC Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
C113A:11	PCM Wakeup Control: Circuit Short to Ground	This DTC is set by the BCM when a short to ground is detected on the wake-up control circuit.
C113A:15	PCM Wakeup Control: Circuit Short to Battery or Open	This DTC is set by the BCM when a short to voltage or an open is detected on the wake-up control circuit.

Possible Sources

- BCM
- PCM
- Wiring, terminals or connectors

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C1 CHECK FOR BCM (BODY CONTROL MODULE) DIAGNOSTIC TROUBLE CODES (DTCs)

Ignition ON.

Using a diagnostic scan tool, perform the BCM self-test.

Is DTC C113A:11 present?

Yes	GO to C2
No	If DTC C113A:15 is present, GO to C4 For all other BCM Diagnostic Trouble Codes (DTCs), REFER to: Body Control Module (BCM) .