

DTC	Description	Fault Trigger Conditions
B10C6:01	Exterior Trunk Antenna: General Electrical Failure	Sets when the BCM detects a fault from the keyless entry rear antenna input.

Possible Causes

- Wiring, terminals or connectors
- Keyless entry rear antenna
- BCM

DIAGNOSIS AND TESTING > LOCKS, LATCHES AND ENTRY SYSTEMS > PINPOINT TESTS > PINPOINT TEST W : THE TAILGATE PASSIVE ENTRY FEATURE IS INOPERATIVE > PINPOINT TEST W : THE TAILGATE PASSIVE ENTRY FEATURE IS INOPERATIVE



NOTE: Use the correct probe adapter(s) when making measurements. Failure to use the correct probe adapter(s) may damage the connector.

W1 CHECK THE LIFTGATE RELEASE SWITCH INPUT

Close the tailgate.

Ignition ON.

Unlock the doors using the door lock control switch.

Press the tailgate release button located at the rear of the vehicle.

Does the tailgate latch release?

Yes	GO to W2
No	GO to Pinpoint Test N

W2 CHECK THE RKE (REMOTE KEYLESS ENTRY) OPERATION

Ignition OFF.

Close the tailgate.

Press the tailgate release button twice on a key.

Does the tailgate latch release?

Yes	GO to W3
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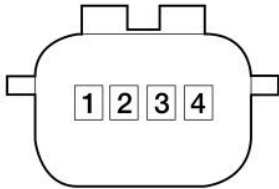
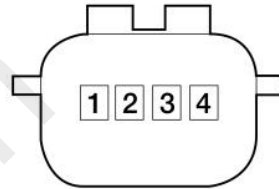
No	GO to Pinpoint Test R
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W3 CHECK THE KEYLESS ENTRY REAR ANTENNA

Ignition OFF.

Disconnect Keyless Entry Rear Antenna C4321 .

Measure:

Positive Lead	Measurement / Action	Negative Lead
 E157911 C4321, pin 1, component side	Ω	 E157911 C4321, pin 2, component side

Is the resistance between 1 and 3 ohms?

Yes	GO to W4
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No	INSTALL a new keyless entry rear antenna. REFER to: Keyless Entry Rear Antenna .
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W4 CHECK THE KEYLESS ENTRY REAR ANTENNA CIRCUITS FOR A SHORT TO VOLTAGE

Disconnect BCM C2280D .

Ignition ON.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2280D-30		Ground
C2280D-32		Ground

Is any voltage present?

Yes	REPAIR the circuit in question.
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No	GO to W5
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W5 CHECK THE KEYLESS ENTRY REAR ANTENNA CIRCUITS FOR A SHORT TO GROUND

Ignition OFF.

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2280D-30	Ω	Ground
C2280D-32	Ω	Ground

Are the resistances greater than 10, 000 ohms?

Yes	GO to W6
No	REPAIR the circuit in question.

W6 CHECK THE KEYLESS ENTRY REAR ANTENNA CIRCUITS FOR AN OPEN

Measure:

Positive Lead	Measurement / Action	Negative Lead
C2280D-30	Ω	C4321-1
C2280D-32	Ω	C4321-2

Are the resistances less than 3 ohms?

Yes	GO to W7
No	REPAIR the circuit in question.

W7 CHECK FOR CORRECT BCM (BODY CONTROL MODULE) OPERATION

Disconnect and inspect all the BCM connectors.

Repair:

corrosion (install new connectors or terminals - clean module pins)

damaged or bent pins - install new terminals pins

pushed-out pins - install new pins as necessary

Reconnect the BCM connectors and make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this
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