

Trailer Lamps

Refer to Wiring Diagrams Section [417-01](#) for schematic and connector information.

DTC Charts**DTC Chart: BCM**

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices. REFER to: [Diagnostic Methods](#) (100-00 General Information, Description and Operation).

<u>DTC</u>	<u>Description</u>	<u>Action</u>
B132B:12	Left Stop/Turn Lamp: Circuit Short To Battery	GO to Pinpoint Test B
B132B:14	Left Stop/Turn Lamp: Circuit Short To Ground or Open	GO to Pinpoint Test B
B132C:12	Right Stop/Turn Lamp: Circuit Short To Battery	GO to Pinpoint Test B
B132C:14	Right Stop/Turn Lamp: Circuit Short To Ground or Open	GO to Pinpoint Test B
B1449:12	Trailer Tow Park/Tail Lamp Output: Circuit Short To Battery	GO to Pinpoint Test D
B1449:14	Trailer Tow Park/Tail Lamp Output: Circuit Short To Ground or Open	GO to Pinpoint Test D
For other <u>BCM</u> Diagnostic Trouble Codes (DTCs)	-	REFER to: Body Control Module (BCM) (419-10 Multifunction Electronic Modules, Diagnosis and Testing).

DTC Chart: TRM

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<u>DTC</u>	<u>Description</u>	<u>Action</u>
B1D08:11	Left Trailer Direction Indicator: Circuit Short To Ground	GO to Pinpoint

		Test C
B1D08:12	Left Trailer Direction Indicator: Circuit Short To Battery	GO to Pinpoint Test C
B1D09:11	Right Trailer Direction Indicator: Circuit Short To Ground	GO to Pinpoint Test C
B1D09:12	Right Trailer Direction Indicator: Circuit Short To Battery	GO to Pinpoint Test C
U0121:00	Lost Communication With Anti-Lock Brake System (ABS) Control Module: No Sub Type Information	GO to Pinpoint Test G
U0140:00	Lost Communication With Body Control Module: No Sub Type Information	GO to Pinpoint Test H
U0415:00	Invalid Data Received From Body Control Module: No Sub Type Information	GO to Pinpoint Test I
U0422:68	Invalid Data Received From Body Control Module: Event Information	GO to Pinpoint Test I
U1000:00	Solid State Driver Protection Active -Driver Disabled: No Sub Type Information	GO to Pinpoint Test K
U2100:00	Initial Configuration Not Complete: No Sub Type Information	GO to Pinpoint Test J
U3000:49	Control Module: Internal Electronic Failure	GO to Pinpoint Test K

Symptom Charts

Symptom Chart: Trailer Lamps

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Condition	Possible Sources	Actions
A module does not respond to the diagnostic scan tool	<ul style="list-style-type: none"> • Fuse • Wiring, terminals or connectors • Module 	REFER to: Communications Network (418-00 Module Communications Network, Diagnosis and Testing).
All the trailer lamps are inoperative	Refer to the Pinpoint Test	GO to Pinpoint Test A
One or more trailer stop/turn lamps are inoperative or always on - vehicles not equipped with a <u>TRM</u>	Refer to the Pinpoint Test	GO to Pinpoint Test B
One or more trailer stop/turn lamps are inoperative or always on - vehicles equipped with a <u>TRM</u>	Refer to the Pinpoint Test	GO to Pinpoint Test C
The trailer parking lamps are	Refer to the Pinpoint	GO to Pinpoint Test D

inoperative or always on	Test	
The trailer reversing lamps are inoperative or always on	Refer to the Pinpoint Test	GO to Pinpoint Test E
The trailer battery charging is inoperative/does not operate correctly	Refer to the Pinpoint Test	GO to Pinpoint Test F

Pinpoint Tests

- ▶ [**PINPOINT TEST A : ALL THE TRAILER LAMPS ARE INOPERATIVE**](#)
- ▶ [**PINPOINT TEST B : ONE OR MORE TRAILER STOP/TURN LAMPS ARE INOPERATIVE OR ALWAYS ON - VEHICLES NOT EQUIPPED WITH A TRM \(TRAILER MODULE\)**](#)
- ▶ [**PINPOINT TEST C : ONE OR MORE TRAILER STOP/TURN LAMPS ARE INOPERATIVE OR ALWAYS ON - VEHICLES EQUIPPED WITH A TRM \(TRAILER MODULE\)**](#)
- ▶ [**PINPOINT TEST D : THE TRAILER PARKING LAMPS ARE INOPERATIVE OR ALWAYS ON**](#)
- ▶ [**PINPOINT TEST E : THE TRAILER REVERSING LAMPS ARE INOPERATIVE OR ALWAYS ON**](#)
- ▶ [**PINPOINT TEST F : THE TRAILER BATTERY CHARGING IS INOPERATIVE/DOES NOT OPERATE CORRECTLY**](#)
- ▶ [**PINPOINT TEST G : U0121:00**](#)
- ▶ [**PINPOINT TEST H : U0140:00**](#)
- ▶ [**PINPOINT TEST I : U0415:00, U0422:68**](#)
- ▶ [**PINPOINT TEST J : U2100:00**](#)
- ▶ [**PINPOINT TEST K : U1000:00, U3000:49**](#)

