

		EPB module connector, both parking brake actuator electrical connectors, the parking brake control switch electrical connector and all related in-line electrical connectors for corrosion, bent pins, pushed-out pins and spread terminals. REPAIR or INSTALL new as necessary. Refer to Connector Repair Procedures for schematic and connector information. If the connectors are OK, SET the ignition to OFF, REMOVE the key from the vehicle, CLOSE all doors and WAIT at least 10 minutes. SET the ignition to ON. Using a diagnostic scan tool, CLEAR the Diagnostic Trouble Codes (DTCs). APPLY and RELEASE the parking brake using the parking brake control switch. CYCLE the ignition. Using a diagnostic scan tool, CARRY OUT the EPB module self-test. RETRIEVE and RECORD all Diagnostic Trouble Codes (DTCs). If the DTC returns INSTALL a new EPB module. REFER to: Parking Brake Module .
U3000:54	Control Module: Missing Calibration	GO to Pinpoint Test M
U3003:16	Battery Voltage: Circuit Voltage Below Threshold	GO to Pinpoint Test A
U3003:17	Battery Voltage: Circuit Voltage Above Threshold	GO to Pinpoint Test C
U300A:62	Ignition Switch: Signal Compare Failure	GO to Pinpoint Test F

DIAGNOSIS AND TESTING > PARKING BRAKE > SYMPTOM CHART

Symptom Chart: Parking Brake and Actuation

Diagnostics in this article assume a certain skill level and knowledge of Ford-specific diagnostic practices. REFER to: Diagnostic Methods .

Condition	Possible Sources	Actions
A module does not respond to	Fuse	REFER to: Communications

the diagnostic scan tool	Wiring, terminals or connectors EPB module concern	Network .
The red brake warning indicator is always on, never on or flashes	Low brake fluid level Wiring, terminals or connectors Brake fluid level sensor Parking brake applied Brake booster vacuum sensor EPB concern ABS concern IPC concern	RETRIEVE all EPB module Diagnostic Trouble Codes (DTCs) and GO to the DTC Chart: Electronic Parking Brake (EPB) Module . If there are no Diagnostic Trouble Codes (DTCs) present in the EPB module, RETRIEVE and DIAGNOSE any ABS module Diagnostic Trouble Codes (DTCs). If there are no Diagnostic Trouble Codes (DTCs) present in the ABS module, DIAGNOSE the red brake warning indicator. REFER to: Instrumentation, Message Center and Warning Chimes .
The yellow parking brake indicator is always or never on	Parking brake concern Parking brake switch EPB module	RETRIEVE all EPB module Diagnostic Trouble Codes (DTCs) and GO to the DTC Chart: Electronic Parking Brake (EPB) Module .
Message center displays Park Brake Malfunction Service Now	Parking brake concern Diagnostic Trouble Codes (DTCs) present in the EPB module EPB module concern	RETRIEVE all EPB module Diagnostic Trouble Codes (DTCs) and GO to the DTC Chart: Electronic Parking Brake (EPB) Module .
Message center displays Park Brake Limited Function Service Required	Diagnostic Trouble Codes (DTCs) present in the EPB module	RETRIEVE all EPB module Diagnostic Trouble Codes (DTCs) and GO to the DTC Chart: Electronic Parking Brake (EPB) Module .
Message center displays Maintenance Mode	Parking brake system is in maintenance mode (service mode)	EXIT maintenance mode (service mode). REFER to: Electronic Parking Brake (EPB) Service Mode Activation and Deactivation .
Rear brakes drag	Refer to the Pinpoint Test	GO to Pinpoint Test E
The parking brake does not apply or does not hold the vehicle	Refer to the Pinpoint Test	GO to Pinpoint Test E
The parking brake does not release using the park brake switch	Refer to the Pinpoint Test	GO to Pinpoint Test E
The parking brake automatic release function does not operate	Network communication concern Diagnostic Trouble Codes (DTCs) present in the EPB module	DIAGNOSE all Diagnostic Trouble Codes (DTCs) in the EPB module, PCM and BCM.