

Service Manual: PARKING BRAKE AND ACTUATION

DIAGNOSIS AND TESTING > PARKING BRAKE > SYMPTOM CHART(S)**Symptom Chart: Parking Brake and Actuation**

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

Preliminary Inspection

The first indication that something may be wrong in the parking brake system is a change in the feeling through the parking brake control. The parking brake not holding on an incline or dragging after being released are also indicators of system concerns. Check the operation of the parking brake system with the vehicle on a hoist and the parking brake control fully released.

- Verify the customer concern.
- Visually inspect for obvious signs of mechanical damage.
- If an obvious cause for an observed or reported concern is found, correct the cause.
- If the cause is not visually evident, verify the symptom and go to the Symptom Chart below.

Condition	Possible Sources	Actions
The red brake warning indicator is always illuminated	Parking brake not fully released Low brake fluid level Wiring, terminals or connectors Brake master cylinder inoperative	DIAGNOSE the red brake warning indicator. REFER to: Instrumentation, Message Center and Warning Chimes .
The parking brake does not apply/hold vehicle	Refer to the Pinpoint Test	GO to Pinpoint Test A
The parking brake will not release	Refer to the Pinpoint Test	GO to Pinpoint Test B

DIAGNOSIS AND TESTING > PARKING BRAKE > PINPOINT TESTS**The Parking Brake Does Not Apply Or Does Not Hold Vehicle****Normal Operation and Fault Conditions**

When the parking brake control is pulled, the parking brake equalizer pulls on both rear parking brake cables, which are attached to the parking brake actuators, and applies the brake shoes/pads.

Possible Sources

- Parking brake cable(s)
- Parking brake control