

Did You Know?

Advice for the professional
DYK19-101

Parking Brake Spring Clearance Issues (Rear)

Ford Explorer 2002-2010

Ford Explorer Sport Trac 2007-2010

Lincoln Aviator 2003-2005

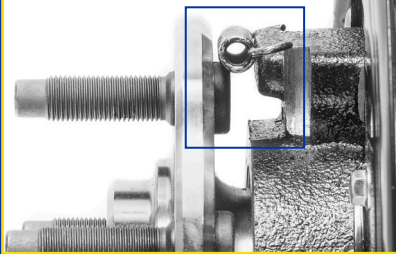
Mercury Mountaineer 2002-2010

Overview

When installing the parking brake shoe return spring, technicians may encounter an extremely tight clearance issue which will not allow the spring to be properly installed.

INCORRECT DUE TO INTERFERENCE

This is due to the interference between the lug bolt and the parking brake boss.



VEHICLES AFFECTED

Ford Explorer (2002-2010)

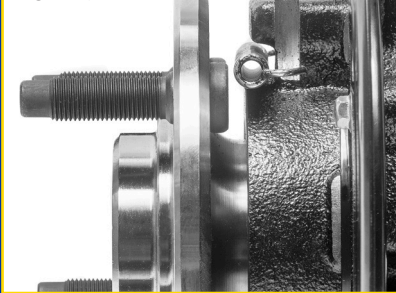
Ford Explorer Sport Trac (2007-2010)

Lincoln Aviator (2003-2005)

Mercury Mountaineer (2002-2010)

CORRECT PLACEMENT

Lug bolts parallel.



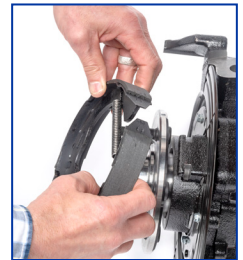
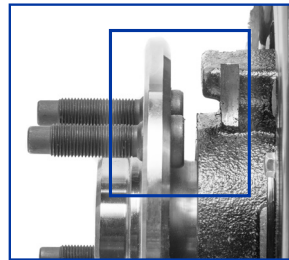
PARTS NEEDED:

Parking Brakes Shoe Set
Wagner® Z791

Hardware Kit Application
Wagner® H7240

Installation Procedure

1. Align two lug bolts parallel with parking brake boss.
2. Attach the rear shoe and then attach the return spring to the rear shoe and hook it to the front shoe.



3. Using the front shoe and the parking brake boss' leverage, rotate the front shoe onto the knuckle.



DURING SHOE INSTALLATION

AFTER SHOE INSTALLATION

Complete the installation procedure:

4. Install the parking brake pin and pin retainer.
5. Install star wheel.
6. Install lower spring.
7. Adjust to size.
8. Install the brake shoe adjusting screw.
9. Use the Brake Adjusting Gauge to measure the inside diameter of the parking brake drum.
10. Adjust the parking brake shoe clearance of 1.07 mm (0.04 in) less than the inside diameter of the parking brake drum.
11. Make sure that the parking brake shoes are correctly centered and measure across the center point of the shoes.
12. Rotate the parking brake shoe adjuster wheel to achieve the correct parking brake shoe to brake disc clearance.

For parts lookup, visit: www.fme-cat.com
Tech line: 1-800-325-8886

moogparts.com

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