

Road test the vehicle.

Is the vibration/shudder present?

Yes	GO to A7
No	The concern has been repaired.

A7 CHECK THE REAR SUSPENSION

Check the rear suspension.

Are all the suspension components in satisfactory condition?

Yes	INSPECT the rear brake discs. MACHINE or INSTALL new brake discs as necessary. REFER to: Brake Disc Machining . REFER to: Brake Disc .
No	REPAIR or INSTALL new components as necessary. TEST the system for normal operation.

DIAGNOSIS AND TESTING > BRAKE SYSTEM > COMPONENT TEST- BRAKE BOOSTER

1.

Disconnect the brake booster vacuum sensor/check valve from the brake booster and connect a suitable vacuum/pressure tester to the booster side of the vacuum sensor/check valve.

2.

Apply the parking brake, start the engine and place the transmission in NEUTRAL.

Allow the engine to reach normal operating temperature.

3.

Verify that vacuum is available at the vacuum sensor/check valve with engine running at normal idle speed.

The vacuum gauge should read between 51-84 kPa (15-24 in-Hg).

If specified vacuum is available, stop the engine, connect the vacuum sensor/check valve and continue with Step 5.

If specified vacuum is not available, continue with Step 4.

4.

Disconnect the vacuum sensor/check valve from the vacuum hose and verify that the specified vacuum is available at the hose with the engine at idle speed and the transmission in NEUTRAL.