

**WARNING**

If the machine moved while testing the service brakes, contact your Caterpillar dealer.

Have the dealer inspect, and if necessary repair the service brakes before returning the machine to operation. Failure to have the service brakes inspected and repaired can cause injury or death.

**Reference:** See the appropriate Service Manual for more information.

## Parking Brake

Check the area around the machine. Make sure that the area is clear of personnel and obstacles.

Check the brakes on a dry, level surface. Fasten the seat belt before you check the brakes.

The following procedure is used in order to determine if the parking brake is functional. This procedure is not intended to measure the maximum brake performance. The brake holding torque that is required to sustain an engine torque at a specific engine rpm varies depending on the machine configuration. The variations are the differences in the engine setting, in the power train efficiency, and in the brake holding ability, etc.

### Test Procedure

1. Start the engine.
2. Engage the parking brake.
3. If the machine is equipped with a standard transmission, move the transmission control lever in the following pattern:

- SECOND
- NEUTRAL
- SECOND

This is done in order to override the transmission neutralizer for this test.

**Note:** The indicator light for the parking brake should come on.

4. If the machine is equipped with a power shift transmission, move the transmission control lever in the following pattern:

- SECOND GEAR FORWARD
- NEUTRAL
- SECOND GEAR FORWARD

This is done in order to override the transmission neutralizer for this test.

**Note:** The indicator light for the parking brake should come on.

5. Gradually increase the engine speed to high idle. The machine should not move.

**WARNING**

If the machine begins to move, reduce the engine speed immediately and apply the service brake pedal.

6. Reduce the engine speed. Move the transmission control lever to NEUTRAL.

If the machine moved during the test, perform the maintenance procedure Operation and Maintenance Manual, "Parking Brake - Adjust".

## Cab Air Filter - Clean/Replace

There are two cab air filters.

### Primary Cab Air Filter

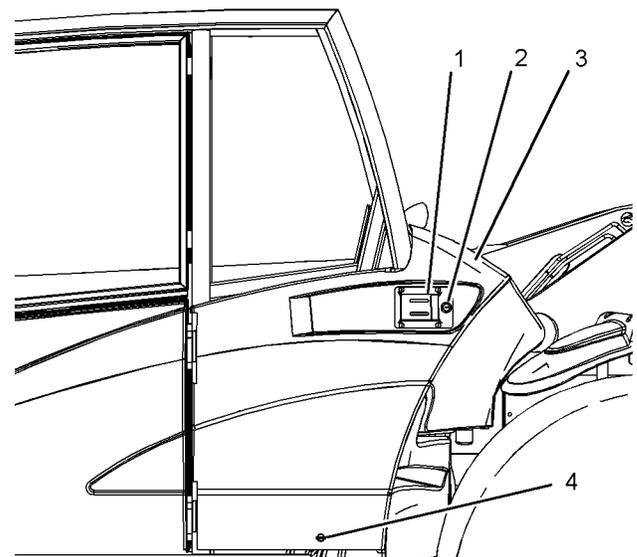


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