

SSP93 NOTE

- The REPAIR PROCEDURE was revised on 02/12/15.
- Changes are noted below in red.

A. DESCRIPTION

Some vehicles may exhibit a condition that the brake pedal is harder than usual to depress. An air leakage (hissing) sound may be heard from the driver-side foot area during braking.

The diaphragm inside the power brake unit may be deteriorated after continuous use under high ambient temperatures, causing small cracks in the rubber of the diaphragm and less vacuum generation than usual. The warranty extension applies only to this condition.

The durability of the diaphragm has been improved for the vehicle usage in high ambient temperatures.

B. VEHICLE INSPECTION PROCEDURE

1. Verify that the vehicle is within one of the following VIN ranges:

Model	VIN Range	Production Date Range
2007-2013 CX-9	JM3TB*****70 100082 - 121105	From October 24, 2006 through April 26, 2013
	JM3TB*****80 121110 - 164252	
	JM3TB*****90 164253 - 181258	
	JM3TB*****A0 200005 - 238710	
	JM3TB*****B0 300004 - 333120	
	JM3TB*****C0 333121 - 369269	
	JM3TB*****D0 400004 - 420559	

- If the vehicle is within one of the above VIN ranges, proceed to step 2.
 - If the vehicle is not within one of the above VIN ranges, SSP93 is not applicable.
2. Perform a Warranty Vehicle Inquiry using your eMDCS System.

eMDCS System - Warranty Vehicle Inquiry Results:

If eMDCS displays:	Action to perform:
SSP93 OPEN	Proceed to "C. REPAIR PROCEDURE"
SSP93 EXPIRED	Vehicle is outside the warranty time limitation.
SSP93 is not displayed	SSP93 does not apply to this vehicle.

C. REPAIR PROCEDURE

Inspect the subject vehicle's power brake unit according to the steps below:

1. Depress brake pedal, then start engine.
2. Release brake pedal and keep engine idling for a minimum of ten (10) seconds in order to develop and increase vacuum pressure in power unit.
3. While engine is still idling, depress brake pedal one (1) time.

NOTE: Do not pump the brakes.

4. With brake pedal depressed, stop the engine and keep brake pedal depressed for thirty (30) seconds.
5. While keeping light pressure on brake pedal, does the pedal move upward?
 - **IF NO**, proceed to Step 6.
 - **IF YES, the power brake unit is defective.** Proceed to Step 9.
6. Step off brake pedal, then wait ten (10) seconds.
7. Depress brake pedal one (1) time.
8. Does brake pedal feel hard to push (no vacuum assist)?
 - **IF NO**, there is no problem with the power brake unit. Return the vehicle to the customer or dealer inventory.
 - **IF YES, the power brake unit is defective.** Proceed to Step 9.
9. Replace power brake unit with modified one according to instructions on MS3 online of the Workshop Manual (section 04-11 POWER BRAKE UNIT REMOVAL/INSTALLATION).

NOTE: If the power brake unit is found to be defective and is replaced, be sure to replace the brake switch with a new one during the repair.

10. Verify repair.