



**DTB**

Date: March 31, 2006  
Order No.: P-B-82.62/499  
Supersedes:  
Group: 82

**SUBJECT: Model 211.026/056/065/070/076/082/083/087/256/265/276/282/283/287  
Model Years 2003 to 2005  
AM Radio Interference During Braking or When Driving in the Rain**

If you receive customer reports in the above model vehicles of AM radio interference during braking or sporadically while driving in the rain, perform the following repair procedure.

1. Remove the left front wheel, in order to gain access to the 50% brake wear sensor.
2. Using suitable cutters, cut off the wires at the 50% brake wear sensor's harness connector (Figure 1, A) and at the sensor (Figure 2, B).

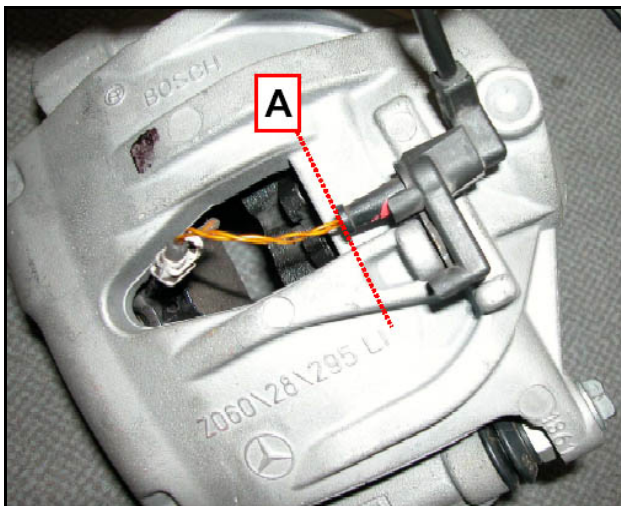


Figure 1

P-B-82.62/499

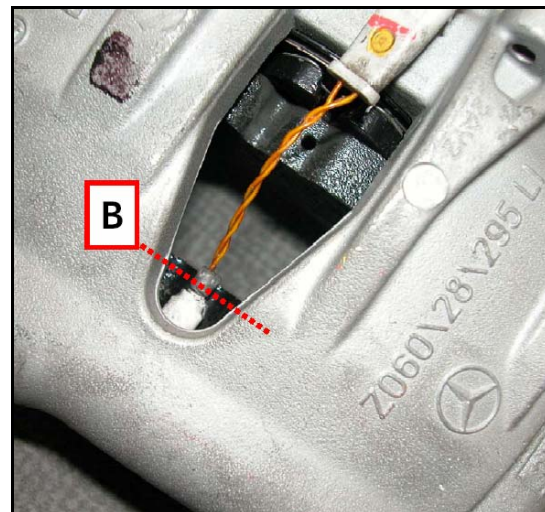


Figure 2

P-B-82.62/499

3. Discard the cut section of wires from the brake wear sensor.
4. It is **not** necessary to remove sensor from the outer brake pad.
5. The connector of the brake wear sensor **must** remain plugged into the wire harness to protect the plug contacts/terminals from corrosion.
6. Reinstall the left front wheel.

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

**i** **Note:** When exchanging brake linings, no new brake wear sensor should be installed.

**i** **Note:** As of Model Year 2006 (806), the 50% brake wear sensor has been eliminated from series production vehicles.

**i** **Note:** The AM interference is the result of wearing of the 50% brake wear sensor. When the brake is activated, the exposed strands of the worn sensor create an electrical oscillating circuit, which can then cause radio interference. This same condition can occur while driving in the rain, even when the brake pedal is not actuated, because the SBC (Sensotronic Brake System) brake system periodically may apply the brakes as part of the system's dry brake function.

**i** **Note:** Due to the removal of the brake wear sensor, the maintenance computer may instruct "Check Brake Linings" at each future maintenance session, even if the brake linings are new.

**i** **Note:** The following allowable labor operations should be used when submitting a warranty claim for this repair

**In Case of Warranty**

**Operation:** Wheel – one, R&R (40-1580)

<b>Damage Code</b>	<b>Operation Number</b>	<b>Time (hrs.)</b>	<b>Model Indicator (s)</b>
42119 74	40 1580	0.2 hrs.	T1, T2, T3, T4, T5, T6, T7, T8, U1, U3, U4, U5, U6, U7