



**DTB**


Date: December 30, 2004  
Order No.: P-B-82.62/361a  
Supersedes: P-B-82.62/361 dated Sept. 14, 2004  
Group: 82

**Revision: Remedy Updated**


**SUBJECT: Model 211.026/065/070/076/082/083/265/282/283**

**Crackling and Static Noises from Speakers When Radio Is On**

If you receive customer reports in the above model vehicles of crackling and static noises from the speakers when radio is on, this may be caused by bad grounding of the Audio Gateway (AGW). Please check the ground connection from the AGW housing to the vehicle's ground connection by following the below instructions.

** Note: Do not replace the AGW unless the following is checked first!**

1. Unplug connector 2 from the AGW (voltage supply and ground).
2. Measure the resistance between the AGWs housing and the vehicle's body ground.

** Note:** The resistance (measured using a multimeter) must be  $\sim 0\Omega$  (Ohm). If resistance is more than  $\sim 1\Omega$  (Ohm), the paint on the frame of the AGW and on the plate at which the frame is attached to the vehicle's body is acting as an insulator. In this case, proceed to step 3.

3. Remove the AGW. Refer to WIS document AR82.60-P-7605T (Model 211.0) or AR82.60-P-7605TA (Model 211.2).
4. Replace the AGW bracket with a Zinc coated AGW bracket, part no. A211 6545 86 40 / 87 40.
5. Remove insulation (paint) from the surface where the frame from the AGW is attached (Figure 3 or 4).
6. Install AGW. Refer to WIS document AR82.60-P-7605T (Model 211.0) or AR82.60-P-7605TA (Model 211.2).
7. Check the ground connection of the AGWs housing to the vehicle's ground.

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.

**Parts Information**

Qty.	Part Name	Part Number
1	Zinc Coated AGW Bracket – S211	A211 545 86 40 **
1	Zinc Coated AGW Bracket – W211	A211 545 87 40

**\*\*Parts are in a critical supply situation and will be limited, please see the PAC weekly status report on parts availability status and delivery expectations. This report is located on the PAC website.**



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

**In Case of Warranty**

**Operation:** Ground cable – electrical system battery, R&R (54-7989)  
Control unit – Audio Gateway (after test), R&R/repl. if necessary (82-7479)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
82669 94	54 7989	0.3 hrs.	T1, T2, T3, T4, T5, T6, U1, U3, U4
	82 7479	0.4 hrs.	U0
		0.9 hrs.	T1, T2, T3, T4, T5, T6