



# TECH TIPS

**Dixie Part Numbers:**      A-8478      A-8479      S-8477      S-8982

**Applications:**      1997 Mazda Millenia with the factory installed BOSE 5 speaker system. This applies only to models with the VIN number JM1TA22\*\*V1307162 and lower.

**Condition:**      The operator of the vehicle may complain that the battery is dead after parking the car for 3 to 4 days.

**Cause:**      A potential cause for the above is a faulty transistor in the main amplifier for the audio system located behind the rear seat. The transistor was changed in later production units to address this problem.

**Correction:**      Test the quiescent current draw (or dark current in Mazda terms). Refer to *Tech Tip* TSB-006 for detailed procedures how to perform this test

**Warning!** Ensure that the battery cable or a jumper cable is connecting the ground to the battery terminal when opening the vehicle door. Opening the door activates the electronic systems in the vehicle and may blow the fuse in the ampere meter (or damage the ampere meter) and result in various modules requiring re-activation.

If the quiescent draw exceeds 20mA then disconnect the main amplifier and re-perform the test. If the current draw returns to an acceptable range the amplifier needs replacing (dealer part number TB50-66-920). If the current is still above normal limits each circuit must be disconnected one at a time to trace the source of the excessive current draw.

NOTE Aftermarket accessories are a good place to check for excessive current draw.

