



STAR ONLINE PUBLICATION



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Symptom/Vehicle Issue: B2779-04 Vehicle Pedestrian Alert Module-System Internal Failures. Quiet Vehicle Pedestrian Module (QVPM) Sound Is Not OK.

Discussion: If diagnostic trouble code (DTC) B2779-04 is present and or QVPM is inoperative or sound is not okay, before replacing the module please check first the following service instructions: Perform the BODY VERIFICATION TEST. (Refer to 28 - DTC-Based Diagnostics/MODULE, Body Control (BCM) - Standard Procedure)

To test the hardware refer to: 28 - DTC-Based Diagnostics / MODULE, Body Control (BCM) / Standard Procedure Body Verification Test. To check the wiring for possible bus communications issues please review: Group 29- Non -DTC Diagnostics Communication Diagnostic Procedure.

Part return analysis shows returned parts have no failures. The below highlighted section refers to standard diagnostic procedures.

B2779-04-VEHICLE PEDESTRIAN ALERT MODULE-SYSTEM INTERNAL FAILURES (MODULE, Body Control (BCM))

When Monitored and Set Conditions

When Monitored: This diagnostic runs continuously when the following conditions are met:

- The ignition is on.
- The battery voltage is between 10.0 and 16.0 volts.

Set Conditions:

- When the Body Control Module (BCM) receives a LIN Bus message indicating an internal fault in the Pedestrian Alert Speaker Module exists.

Possible Causes

PEDESTRIAN ALERT SPEAKER MODULE

Always perform the PRE-DIAGNOSTIC TROUBLESHOOTING PROCEDURE before proceeding. (Refer to 28 - DTC-Based Diagnostics/Standard Procedure).

Diagnostic Test

CHECK FOR AN ACTIVE DTC

1. With the scan tool, read Body Control Module (BCM) DTCs and record on the repair order.
2. Record the Environmental Data and any DTCs.
3. With the scan tool, erase DTCs.
4. Using the recorded Environmental Data, along with the When Monitored and Set Conditions above, operate the vehicle in the conditions that set the DTC.
5. With the scan tool, read BCM DTCs.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechConnect, eCONTACT or Service Library entry if no solution is found.