



An ISO 9001:2000 Registered Company

Technical Service Bulletin

TSB# T2007-03

Product: Merlin Multiplex System

Model# Merlin: Digital Power Center(s), Door Module and Dual Door Module

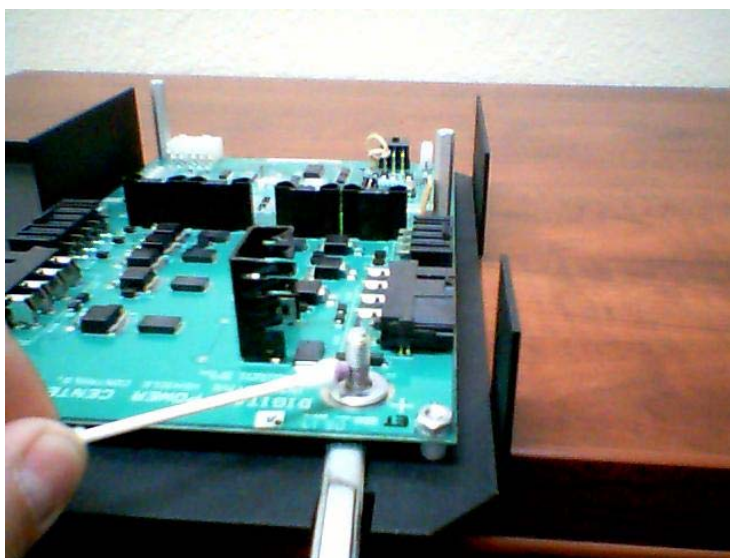
Issue: When a power/ ground lug is not correctly tightened or has become loose for any reason; erratic system operation is possible. This bulletin applies to all modules shipped prior to 9/10/2007.

Corrective action:

1. Inspect all power and ground lug connections at the Digital Power Center(s) for loose connections.
2. If a loose connection is found, tighten to new torque specification and ensure correct system operation.

Directions:

1. Locate Digital Power Center(s) and perform side-to-side wiggle test to determine if any lugs have become loose.
2. **Disconnect vehicle battery.** Failure to disconnect battery may cause damage to the Digital Power Center(s).
3. Remove top cover from Digital Power Center(s) for access.
4. Remove both power and ground cable from Digital Power Center(s) using a 7/16 wrench.
5. Remove second nut and apply a small coat of Loctite 222® with a cotton swab. (See picture below).



Note: Do not cover entire bolt or washer and do not use Loctite 222® in areas that contact the circuit board.

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6. Install nut, with a 7/16 wrench holding the head of the bolt; torque the nut to 100 inch pounds (8.3 foot pounds). (See picture below)
7. Reinstall power and ground cables.
8. Apply a small amount of Loctite 222® to the top nut and torque to 72 inch pounds (6 foot pounds).
9. Check cables, reinstall Digital Power Center(s) cover, and reconnect vehicle battery.
10. Check for correct system operation.



Questions: Contact InterMotive Technical Support at (530) 346-1801