



Service Advisory

COMMERCIAL SERIES

CC-674

Models Affected: All MMZ TANK Units

Serial Number Range Affected: All Units Built Model Year 2006 through 2010.

Date: **May 19, 2010**

Subject: **Red Positive Battery Cable Routing.**

PURPOSE: The red positive battery cable routing from the battery to the starter solenoid may be too close to the RH hydraulic pump linkage. The hydraulic pump linkage can wear into the insulation of the red positive battery cable causing a short circuit.

Check All Units With The Drive Pumps Mounted On The Top Of The Engine Base and Ahead Of The Engine.

ACTION REQUIRED:

1. Park the unit on a flat level surface.
2. Engage the parking brake.
3. Visually check the red positive battery cable routing. The red positive battery cable should be routed and secured to the black conduit covered wire harness as shown in Figure 1.

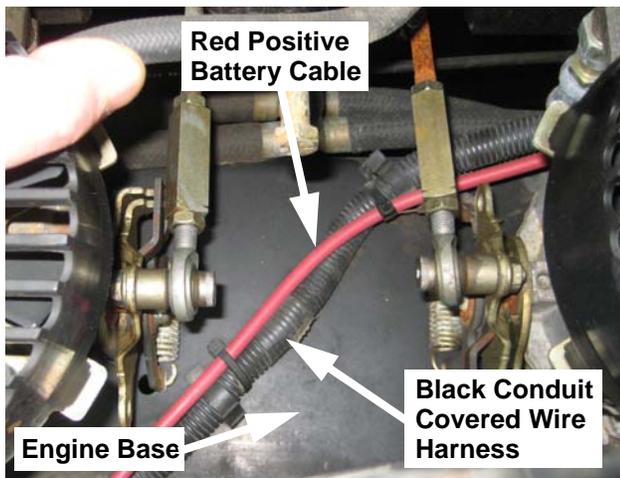


FIGURE 1

4. If the red positive battery cable is Not secured as shown in Figure 1, and is just laying on the engine base, inspect the cable for any wear or damage in the location of the hydraulic pump linkage.
5. If damage is found, disconnect the black negative battery cable from the negative battery terminal. Disconnect the red positive battery cable from the positive battery terminal.

6. Repair or replace the red positive battery cable as needed. Proceed to step 8.
7. If the red positive battery cable is not damaged and needs to be correctly routed proceed to step 8.
8. Route the red positive battery cable along side the black conduit covered wire harness that runs between the RH and LH hydro pumps on the engine base.
9. Use a minimum of 3 cable ties, part number 725-0157, to secure the red positive battery cable to the black conduit covered wire harness. See Figure 2.
NOTE: The black conduit covered wire harness is secured to the engine deck plate with two (2) electrical conduit clips.

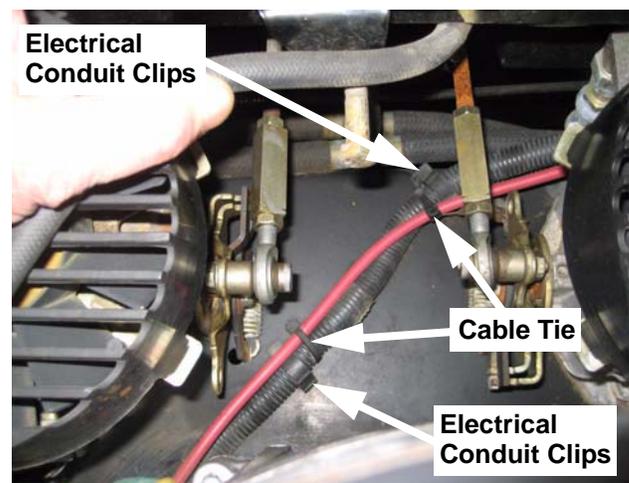


FIGURE 2

10. Make sure the red positive battery cable secured to the black conduit covered wire harness is located away from the hydraulic pump linkage and return to neutral (RTN) mechanism. See Figure 3.

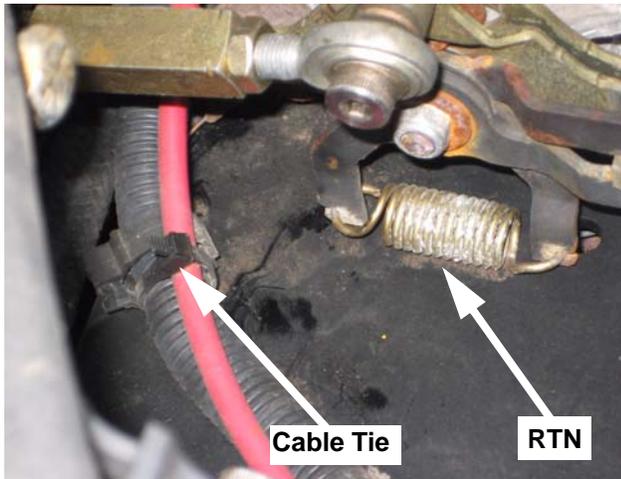


FIGURE 3

11. Confirm that the red positive battery cable and black conduit covered wire harness are away from all moving parts and hot surfaces.

12. Connect the black negative battery cable to the negative battery terminal. Connect the red positive battery cable to the positive battery terminal.

13. Start unit and check that all safety features are working properly.

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Warranty: Normal warranty terms apply. Indicate Service Advisory **CC-674** and **02002059** as the original failed part on the claim. Repair time allowance is 0.2 Hrs.

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