



Service Advisory

COMMERCIAL SERIES

CC-584

Models Affected: M60 CT (53AB5JEX750, 53AL8CTX750).
M72 CT (53AB5JEZ750, 53AB5JEZ630, 53AL8CTZ750).

Serial Number Range Affected: All 2006 and 2007 Production Units.

Date: **July 20, 2007**

Subject: **Battery Will Not Hold A Charge. Battery Charge Drops Significantly After About A Week If Unit Has Not Been Operated. Fix-As-Fail.**

PURPOSE: To eliminate the drain on the battery when the key is in the off position by re-locating the Red/Black wire that is joined with the Purple wire at the "B" terminal of the ignition switch to the Red wire at the "L" terminal of the ignition switch.

ACTION REQUIRED:

1. Park unit on a flat level surface.
2. Disconnect the negative battery cable from the negative battery terminal. Disconnect the positive battery cable from the positive battery terminal.
3. Verify that the battery is in good condition by checking the electrolyte's Specific Gravity of each individual cell. Hydrometer reading should be above 1.250 S.G.
4. Remove the RH Control Panel to access the Ignition Switch and Main Wire Harness. NOTE the Purple wire and the Red/Black wire together in the "B" terminal of the Ignition Switch.
5. Locate the Red/Black wire & Purple wire at terminal "B". See Figure 1 & 2.

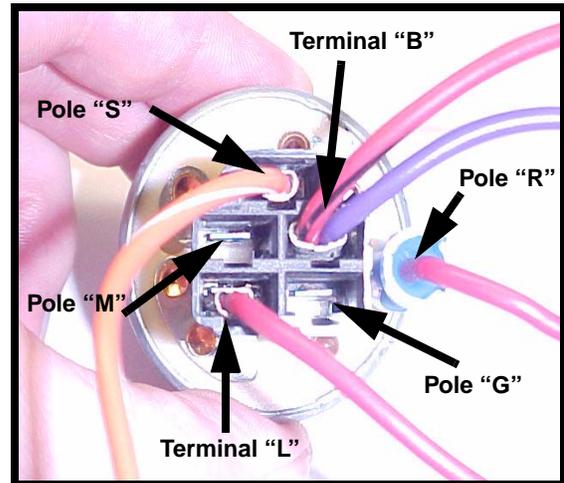


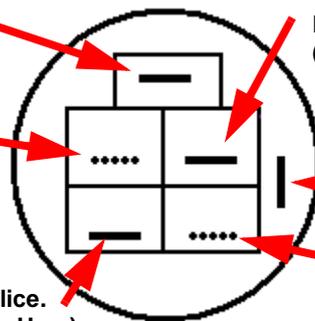
FIGURE 1

IGNITION SWITCH:

Pole "S", Orange Wire, Starter Solenoid.

Pole "M", Blank, No Wire.

Terminal "L", Red Wire To Inner Harness Splice.
(Splice Red/Black Wire From Terminal "B" To Here).



Terminal "B", Purple Wire From Battery & Red/Black Wire To Glow Plug Timer.
(Red/Black Wire To Cut & Splice To Terminal "L").

Pole "R", Red Wire To Hour Meter.

Pole "G", Blank, No Wire.

FIGURE 2

6. Cut the Red/Black wire at about 3/8" from the end of the plastic plug connector. See Figure 3. Tape up the unused portion of the Red/Black wire remaining in terminal "B" to the purple wire to help keep it insulated.

7. Strip about 5/16" of insulation from the remaining Red/Black wire.

8. Cut the Red wire about 1" from the end of the plastic plug connector.

9. Strip about 5/16" of insulation from both sides of the Red wire.

10. Place a 1" piece of Heat Shrink Tubing over the Red wire and another 1" piece of Heat Shrink Tubing over the Red & Red/Black wires.

11. Connect the Red wire to the Red & Red/Black wire using the appropriate size (Yellow) butt connector.

12. Connect the wires to the butt connector as shown in Figure 3. Make sure a good secure crimp is made to provide a good connection. **NOTE:** Removed the Red wire terminal from the plastic connector to install the heat shrink tubing.

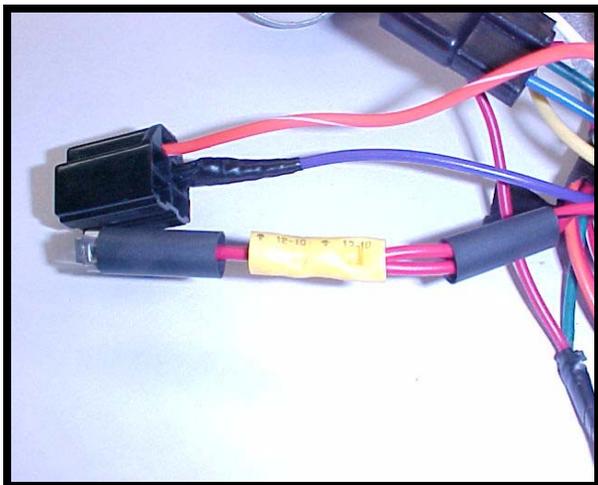


FIGURE 3

13. Slide the Heat Shrink Tubing down to cover half of the butt connector, heat to set in place. Slide the other piece of Heat Shrink Tubing up to cover the remaining half of the butt connector. Heat to set in place.

14. Install the wire terminal back into the plastic connector. See Figure 4.

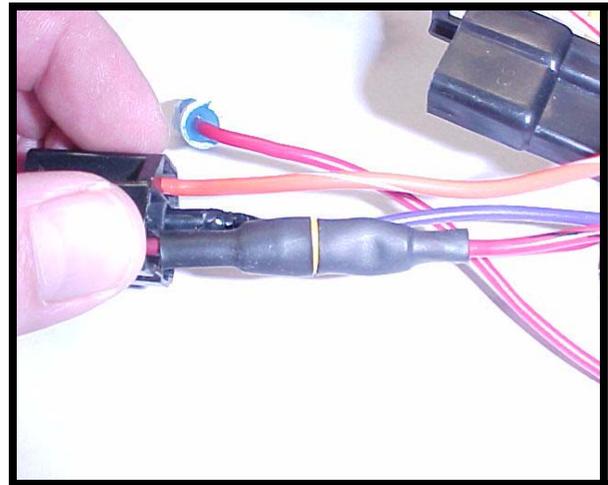


FIGURE 4

15. Tape up the portion of wires spliced in step 13 with electrical tape.

16. Check all connections, plugs and components to be sure they are secured, not damaged and free of corrosion. Repair if needed.

17. Re-install the RH Control Panel.

18. Reconnect the positive battery cable to the positive battery terminal. Reconnect the negative battery cable to the negative battery terminal.

19. All circuits are now isolated, and draw on the battery is eliminated when the key switch is in the off position.

20. Start and check all safety features for proper operation.

Warranty: Normal warranty terms apply. Indicate Service Advisory **CC-584** and **02003026** as the original failed part on the claim. Repair time allowance is 0.5 Hrs.

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