

Tech Tip



From your friends at New York Bus Sales

Product Effected – 2010 BBCV/VISION and D3/ALL AMERICAN

- Complaint** – There seems to be some electrical erratic and intermittent issues with the body control module and/or the multiplex
- Cause** – Water intrusion into electrical connectors
- Correction** – First, foremost and easiest is to make sure that there is no water intrusion into the electrical panel!
We do realize that many bus washers do have nozzles spraying with either high pressure or mass quantities of water directly at the electrical panel door so to assist in not seeing further issues we recommend the following steps be taken –

Product



Step #1 – Open the electrical panel door and look to the left in the crevice to the left and forward in the panel (Figure #1) and locate the flat “black” connector with the tag “body connector” and pull from the location(Figure#2)

PLEASE NOTE – YOU WILL MOST LIKELY FIND IT IN THE LOWER CORNER OF THE CREVICE

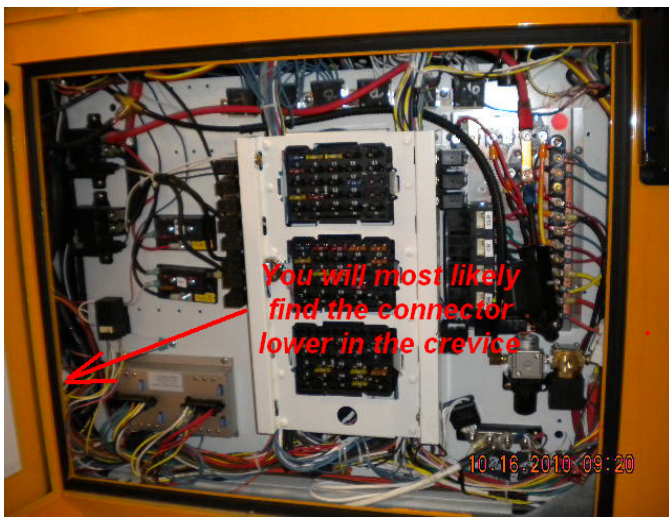


Figure #1

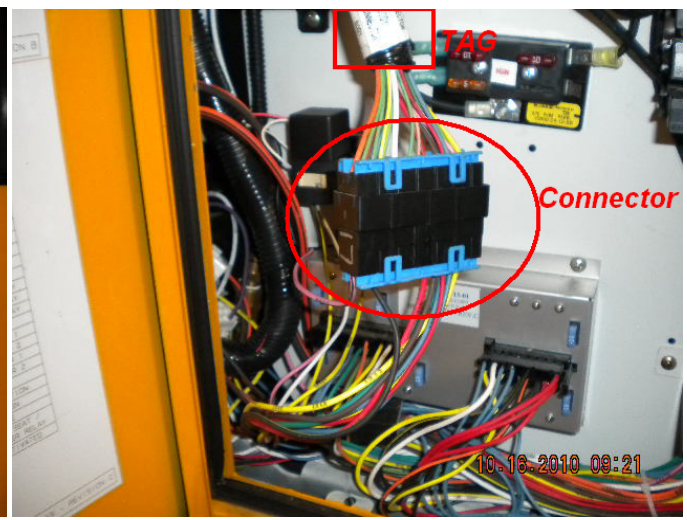


Figure #2

Step #2 – Once you have located it and taken it out, take it apart and make sure there is no water present, then snap back together making sure the tabs are locked in place. Using a protector or water repellent, spray the wires where they go into the connector as shown (Figures #3 & #4)



Figure #3



Figure #4

Step #3 – Find a spot where the connector can be wire-tied up and in the electrical panel so that it does not sit in the lower part of that crevice where if water intrudes the electrical panel it would lie. (Figure #5)

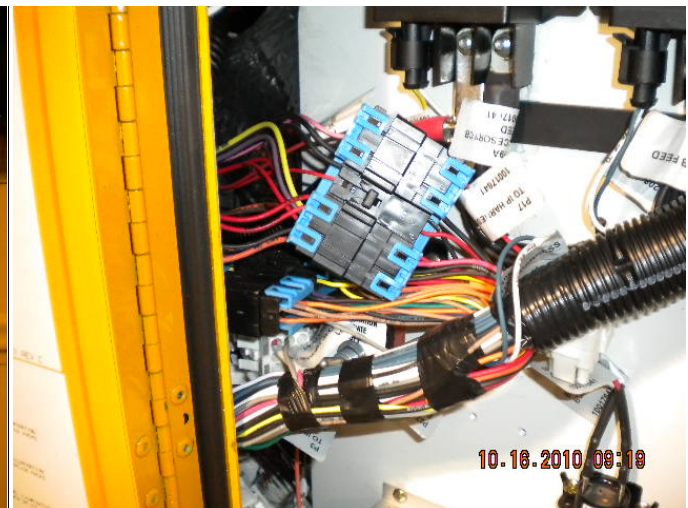
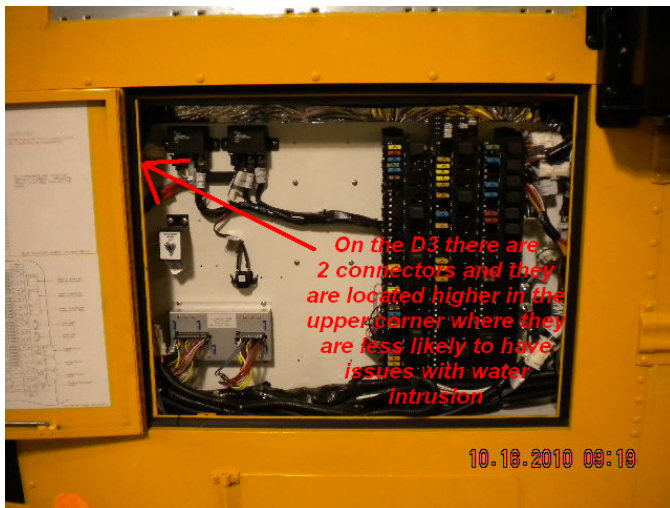


Figure #5

We have not really seen too many issues with this on the D3 but as a preventative measure you may wish to do the same



On the D3 there are “2” of these connectors (Figure #7) and they are located in the upper part of the forward crevice (Figure #6) where they are less likely to see water intrusion but we recommend as a preventative measure to follow the same procedures as with the BBCV



A BIG “THANK YOU” to Tom, Jeff and the crew from Fairport for pointing this out and helping us resolve the issue!

Contact Our Service Department With Any Questions

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