

Tech Tip

FROM YOUR FRIENDS AT
NEW YORK BUS SALES!



BBCV – “VISION” Electrical Panel Water Intrusion

- Complaint –** Water in the electrical compartment which causes issues with electrical circuits.
- Cause –** While most predominantly (especially in New York due to the illuminated “SCHOOL BUS” sign) water intrusion is seen from the upper areas and comes down the “A” pillar into the panel there has been another area of intrusion found.....The fresh air vent!
- Correction –** Once you have determined that all other intrusion points appear to be sealed (ex. A pillar, door seal) you should look at the fresh air vent on the driver’s cowl. (Figure #1)
Remove the “Grille” by removing the 4 Phillips head screws (Figure #2). You may find a bead of caulk holding the grille to the cowl panel....if so you can gently pry the grille forward and gain access to the opening for the vent.



Figure #1



Figure #2

Once you have gained access you will notice the body bow (as shown by arrow point right in Figure #3) and the cowl panel (as shown by arrow pointed left in Figure #3).

Just looking at it normally it appears to be fine but if you open the electrical panel door and place a light as shown in Figure #4 you can actually see light as in Figure #5**BUT PLEASE NOTE THAT YOU MAY HAVE TO LOOK “INTO” THE VENT SLIGHTLY TO SEE THE LIGHT AS THE CURVE OF THE COWL MAY HIDE THE ISSUE!!!**

Once you see where the light is, it is easily discernible to tell where a bead of sealant needs to go in order to address the issue (Figure #6)



Figure #3

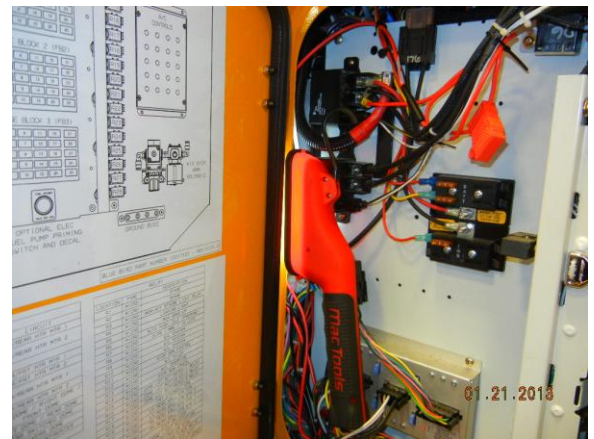


Figure #4

**PLEASE NOTE-BLUE BIRD IS
AWARE OF THIS ISSUE AND
HAS ADDRESSED SEALING
THAT AREA IN
PRODUCTION!!!**

Contact Our Service Department With Any Questions

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Figure #5



Figure #6



ALL of our Tech Tips can be found on the New York Bus Sales website at

<http://www.newyorkbussales.com/pages/bulletins.cfm>

Or at the New York Head Mechanic website at

<http://www.nyhma.org/viewforum.php?f=2&start=0>