

Tech Tip

FROM YOUR FRIENDS AT
NEW YORK BUS SALES!



A3/BBCV/D3 Illuminated School Sign

- Complaint –** We've noticed the paint discoloring on the hinges for the sign door
- Cause –** With the change from the piano hinge previously used to the new "3" hinge system for the sign box door, it was found that just using the hinge points as a ground did not prove heavy enough on the "3" point system to provide ground enough which lead to the places where there were grounds to become warm if the lights were left on for an extended period. (See Figure #1) Look closely at the barrel of the hinge and you can see the discoloration!
- Correction –** A separate ground strap should be added to the door. This is can be done by taking a 14" piece of 14 gauge wire and crimping an eyelet to each end. Using #8 X3/4" self-tapping screws on the front sign you should attach one end to the light bar and the other end up inside the sign compartment to the first body bow (Figures #2 & #3). On the rear, using the same size #8X3/4" self tapping screws, attach one end to the light bar and the other to the support at the side of the school sign (Figure #4)

PLEASE NOTE – Blue Bird made a change and has been adding these in production since the beginning of this year!



Figure #1



Figure #1



Figure #2



Figure #4

**A BIG Thank You to Roger at
Phelps-Clifton Springs Central School**

Contact Our Service Department With Any Questions

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