

# Tech Tip



*From your friends at New York Bus Sales*

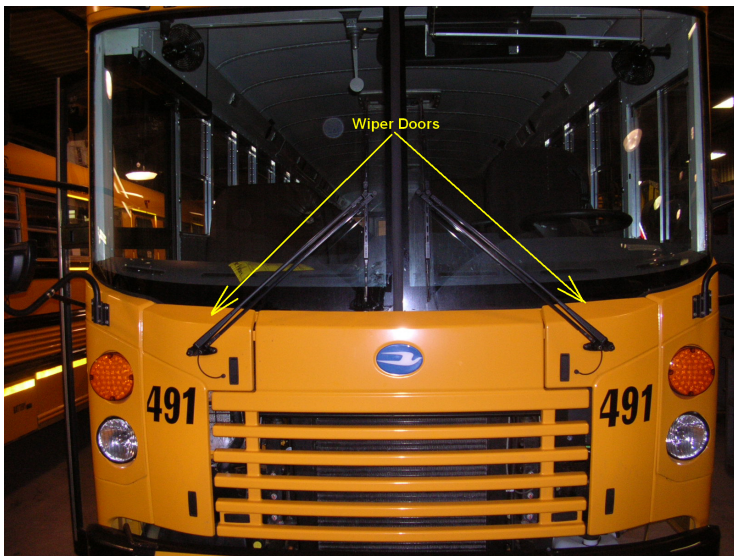
## **Product Effected –All American “D3”**

**Complaint:** *The wiper motors are failing prematurely*

**Cause:** *Water intrusion or electrical connection corrosion caused by Northeast road chemicals*

**Correction:** *Seal the wiper doors against the windshield so water and road chemicals from the windshield cannot “drip” down on the wiper motors – See Steps below*

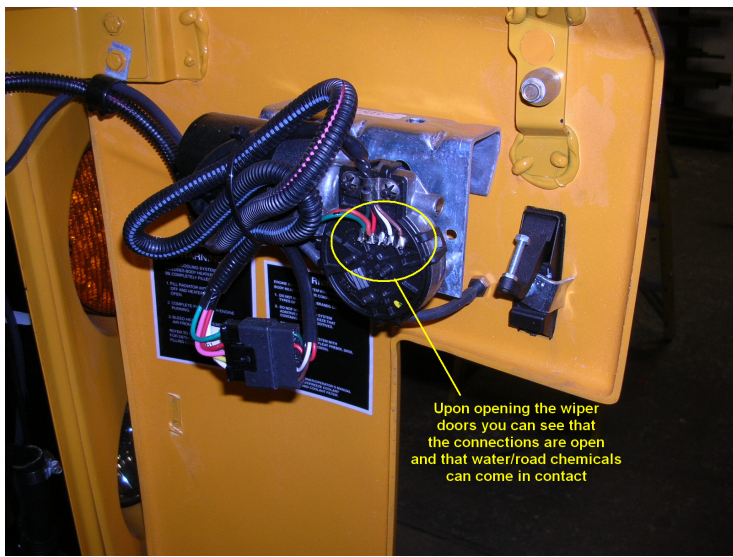
*Looking at Figures #1 and #2 below you can see where water can enter the wiper motor cavity*



**Figure #1**



**Figure #2**

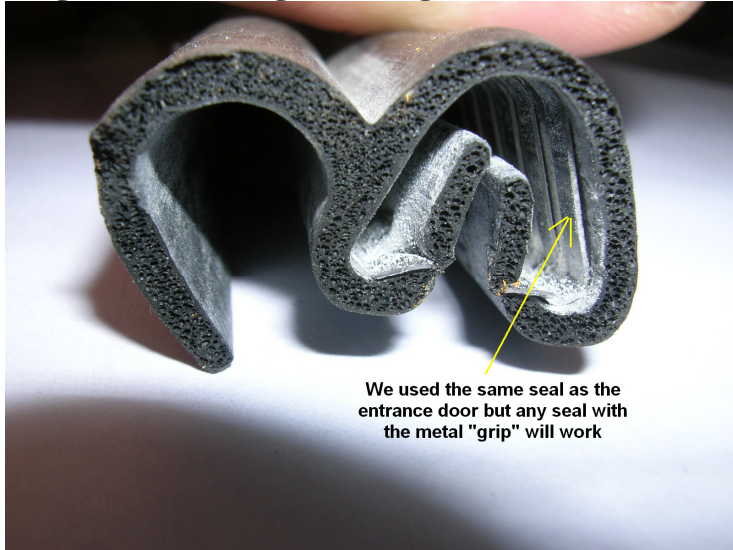


Upon opening the wiper doors you can see that the connections are open and that water/road chemicals can come in contact

***As you can see in Figure #3, once you open the wiper door, the electrical connections are open to water and road chemicals which run down the windshield.***

**Figure #3**

**We used a BB seal (part #00089498) which contains a metal “grip” as in Figure #4 and cut 2 lengths – 14” long as in Figure #5**



We used the same seal as the entrance door but any seal with the metal “grip” will work

**Figure #4**

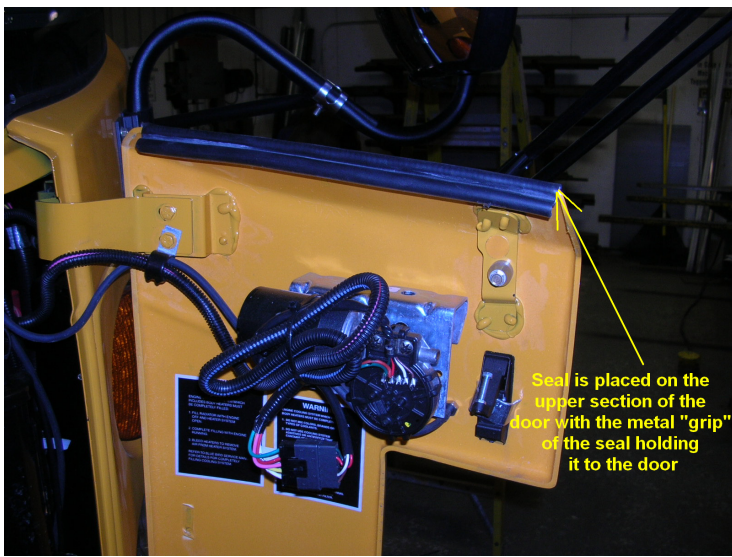


**Figure #5**

**Once you have the 2 pieces of seal cut you can place them on the upper edge of each wiper door as in Figure #6. As you can see in Figure #7 the seal is tightly against the windshield.**

***Thanks to John and the guys from  
Our own Chittenango Central School  
For pointing this out to us!***

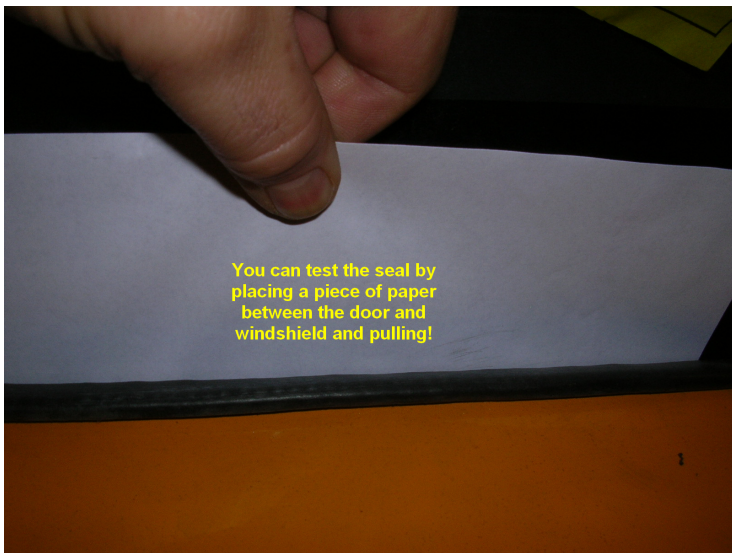




**Figure #6**



**Figure #7**



This can be checked very simply by shutting a piece of paper between the windshield and seal as in Figure #8



**Contact Our Service Department With Any Questions**

**CHITTENANGO** – phone 800-962-5768 or

Daryl Wallace : [dwallace@newyorkbussales.com](mailto:dwallace@newyorkbussales.com)

Brian Lamaitis : [blamaitis@newyorkbussales.com](mailto:blamaitis@newyorkbussales.com)

**ROCHESTER** – phone 800-463-3232 or

Gary Chichester: [gchichester@newyorkbussales.com](mailto:gchichester@newyorkbussales.com)

**ALBANY** – phone 866-867-1100 or

Ben Reiling: [breiling@newyorkbussales.com](mailto:breiling@newyorkbussales.com)

Steve Searles: [ssearles@newyorkbussales.com](mailto:ssearles@newyorkbussales.com)

**WARRANTY** – 800-962-5768 ext 237

Morgan Jenkins: [mjenkins@newyorkbussales.com](mailto:mjenkins@newyorkbussales.com)

