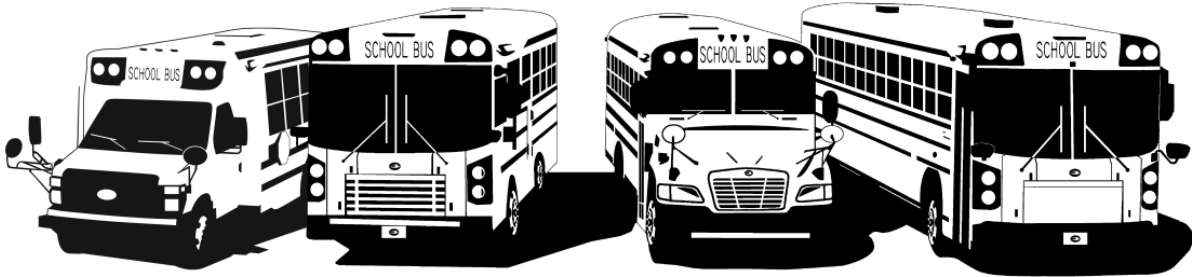




2008 & NEWER BBCV/VISION HOOD REPAIR UPDATE

TECH TIP #13-0316REVC



UPDATE ON BETTER ADHESIVE

THE ORIGINAL TECH TIP WHICH IS BELOW USED THE “MANUS-BOND” PRODUCT, BUT OVER TIME WE HAVE LEARNED THAT IT HAS NOT HELD UP AS ORIGINALLY ANTICIPATED.

WE HAVE FOUND ANOTHER PRODUCT WHICH IS SUPERIOR AND WE BELIEVE WILL PERFORM BETTER FOR A MUCH LONGER PERIOD OF TIME.

THE PRODUCT IS A 2-PART EXPOXY AND WILL REQUIRE A SPECIAL GUN TO APPLY THE PRODUCT.

PART#: 08115

PART#: 71119

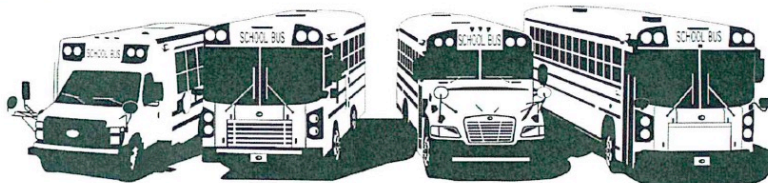
2-PART EXPOXY

GUN FOR 2-PART EPOXY

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Or at the [New York Head Mechanic website](#)

Tech Tip

FROM YOUR FRIENDS AT
NEW YORK BUS SALES!



2008/Newer BBCV – “VISION” Hood Repair

Complaint – The hood seems “loose” when opened/We are seeing de-lamination and “splitting” where the hood pieces are glued together.

Cause – We believe that smaller “cracks” actually start in the hinge area of the hood (Figures #1) and if not addressed over time with the opening of the hood for pre-trips etc., especially where wind can catch the hood and push it past it’s normal operating range. If this is not addressed early enough the added flex will allow other areas to de-laminate

Correction – New York Bus Sales has developed a repair kit (Figure #2) which can be added to the hinge areas of the hood to address these cracks BEFORE further damage can occur.

Kit Contains -1 each right and left bracket, 4 5/16”X1” self-tapping “PK” screws, 6 M10-1.5X2 bolts with 1 flat and 1 lock washer per bolt, 1 tube ManusBond adhesive/sealant



Figure #1



Figure #2

Once you have determined that the issue exists and have our kit, we recommend removing the hood so that you have better access to the area. We also recommend that **BOTH** sides be done as it may not be possible to properly align the hood should only one side be done.

When you have the hinge removed you will most likely find that the “crack” is much worse than it appeared with the hinge attached (Figure #3). Our kit comes with 2 pre-bend metal plates (RH & LH) which are marked. **BEFORE PROCEEDING FURTHER, HOLD THE PLATES AT BOTH SIDES OVER THE WHERE THEY WILL BE MOUNTED AND MAK SURE THAT ALL OF THE CRACK(S) ARE COVERED....IF THEY ARE NOT FURTHER REPAIR OR HOOD REPLACEMENT MAY BE NECESSARY!**

Taking one of the plates, align the hinge bolt holes and holding the plate in place mark the spot where the 2 smaller holes are on the upright of the hood (Figure #4). Removing the plate and using a 9/32” drill bit, put 2 holes where you have marked. Follow the same procedure on the opposite side. Using an impact gun run the 2-~~3/8~~ X 1” “PK” bolts into the holes to thread them and remove.

PLEASE NOTE – 3/8” MENTIONED “PK” BOLTS ARE 5/16” (8/24/15)

Coat the hood where the plate will mount liberally with the Manus Bond provided and set the plate in place. Install the 3 new hood hinge bolts provided and reinstall the 2 PK bolts (Figure #5). Allow the Manus bond time to set.

Re-Install hood and adjust as needed (Figure #6)

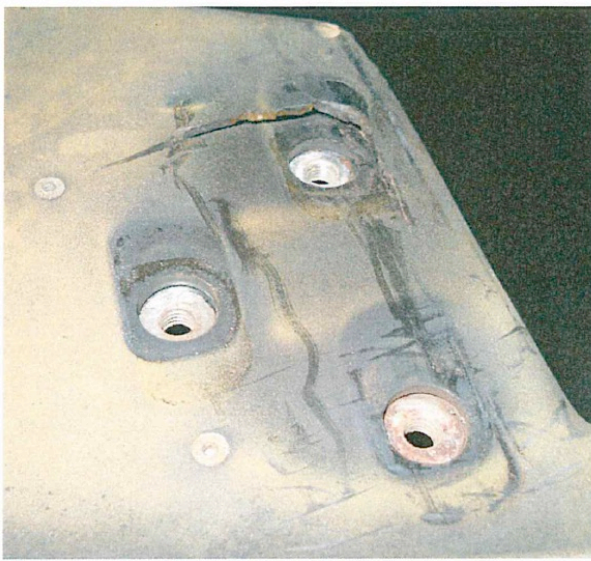


Figure #3



Figure #4

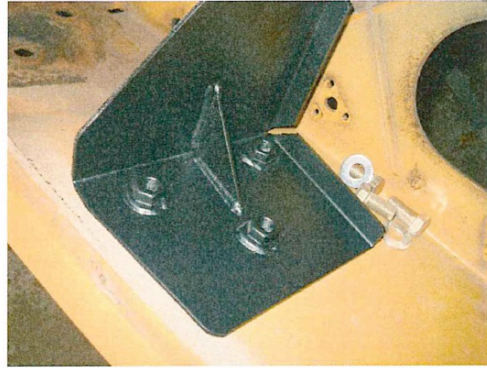


Figure #5



Figure #6

UPDATE – 12/15/15: Recently brought to our attention was the fact that some units if not addressed sooner have seen the braces inside the headlight housing opening. We now offer a replacement for those hoods that have further issues...please see below-



UPDATE – 1/4/2016: New York Bus Sales now has available a “refurbished” hood that has been checked and had all the updated repairs done and is painted and ready to bolt on your unit, we just ask that your takeoff be repairable and given back to us so we can make the necessary repairs and paint for the next customer!

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CALL OUR PARTS DEPARTMENT FOR DETAILS!!!!

PART # NYB038

EXTERIOR

LIST \$263.65

NEW PART # NYB061

INNER

LIST \$218.16/PAIR

REFURBISHED HOOD

PART # 10020982-R

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