

# Tech Tip



*From your friends at New York Bus Sales*

## **Product Effected – Units w/2007 Engines where road debris destroys the insulation of the exhaust pipe**

**Complaint -** The insulation which is required to keep the exhaust temperature up is torn up and needs replacing.

**Cause –** The exhaust on most units equipped with Diesel Particulate Filters (2007 Emission Engines) is covered with some sort of insulation to keep the exhaust temperature up so units will not require as many “REGENS”. This insulation is mainly on the exhaust pipe which runs from the engine to the DPF and in most cases there is an angle bend which is literally blasted by road debris from the front tires. It is this debris which literally acts like a “sand blasting” and tears at the protective insulation of the pipe ..... no matter if it is the cloth type material shown in these photos or the foil backed, sooner or later it succumbs!

**Correction –** Sure fire correction is to stay off roads when there is debris.....BUT seeing as we can do that, the guys from Jamesville Dewitt Central School thought they would try using a piece of scrap exhaust pipe they had to see if they could elevate the issue.

What they did was to slice about a 3’ section of the same size pipe as the unit had lengthwise and then make a couple of cuts where the angle was and bend it to fit. Once they had the angle close enough they just tack welded the “ears”.

It was such a nice fit over the wrap that they only needed one u-bolt exhaust clamp to hold it in place. As you can see from the photos this should provide protection for a very long time without having to re-insulate the pipe.....GREAT JOB GUYS and so SIMPLE!

**Please Note –** Blue Bird has also started adding a mesh “sock” over the exhaust at this point but the jury is still out on how it will last until we have units go through a full North East season.



**Figure #1**



**Figure #2**



**Figure #3**

**Contact Our Service Department With Any Questions**

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**THANKS AGAIN TO THE GUYS AT  
JAMESVILLE-DEWITT CENTRAL  
SCHOOLS BUS GARAGE!!!!**

**OUR TOLL FREE BUS PARTS HOTLINE  
IN NEW YORK STATE IS**

**1-888-26PARTS (267-2787)**

**Or e-mail one of our Bus Parts Pros!**

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