

Tech Tip

FROM YOUR FRIENDS AT
NEW YORK BUS SALES!



BBCV & T3FE/RE Seat Foam

- Complaint –** We have been changing the seat back foam in our units with part #00982579 which we have used forever but we have noticed that the seat covers do not seem to slip over the foam as easily as they did and it is much more difficult to get the covers on.
- Cause –** On October 21, 2009, the dimensional requirements specified in FMVSS 222 for the seat pad changed, and thus required a new pad and cover to be created. Any bus that was built by Blue Bird prior to that date uses #00982579, but any bus built on or after 10/21/2009 should use the new pad, #10009553.
- Figure #1 shows the front view of both foams, as you can see the new foam has the dense foam approximately 1/4 of the way down from the top where the old foam has it approximately 1/3 of the way down.
- Figure #2 shows the back which appears very similar
- Figure #3 shows open end of each and you can see that the thicknesses of both the front and rear foam sections are thicker on the old foam as compared to the new.
- Figure #4 shows the differences in the Styrofoam inserts, the older has only 1 insert per side where the newer has a larger outer “curved” insert and a second smaller one inboard of that.
- Figures #5 & #6 show that the new foam is actually slightly wider at the top, the bigger issue when installing the old foam in place of the new foam is at the bottom of the seat back.
- Correction –** There are two ways to address this issue –
- #1 – Make sure that you replace the correct seat foam as was originally installed on the vehicle.
 - #2 – Seeing as the new seat foam is “backwards compatible”, you could choose to just use the new seat foam on all units, but you should be aware that if you are doing this the cover should be replaced at the same time.

PLEASE NOTE – *These photos and specific information is inherent of the standard 39” seat. Other seat sizes and barriers also were changed with these seats and you should verify if you are replacing the foams of other seats and barriers you are using the correct ones for the application.*

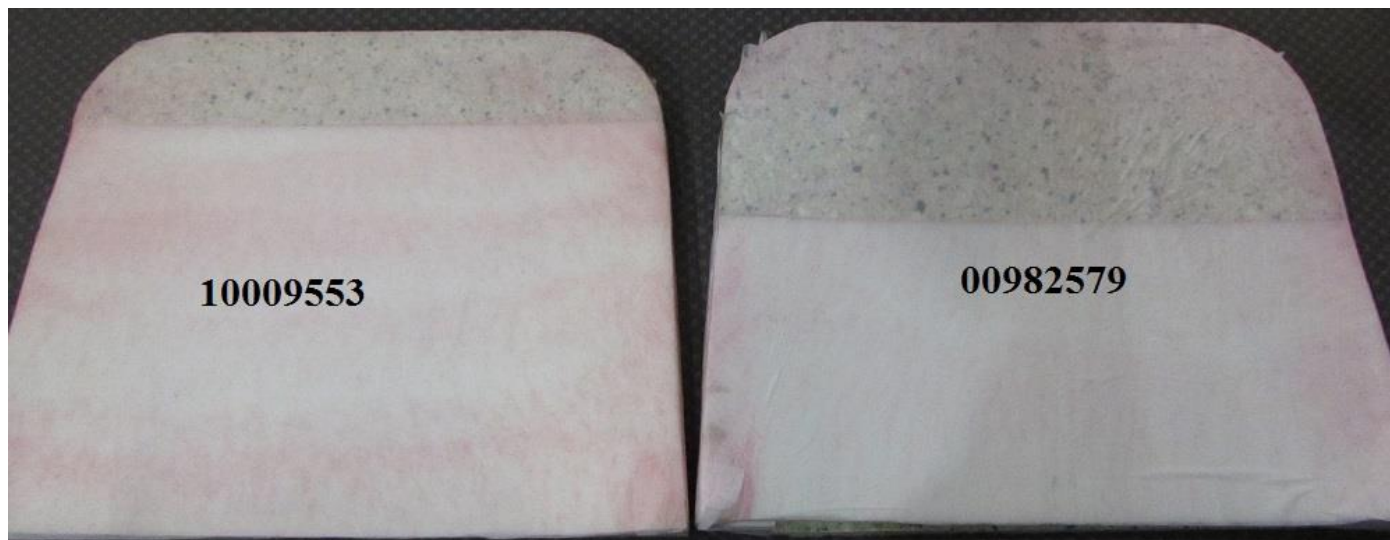


Figure #1



Figure #2



Figure #3



Figure #4



Figure #5



Figure #6



**Thank You to the guys at
Fairport Central School for
pointing this out to us!**

Contact Our Service Department With Any Questions

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