

Defroster Air Loss to R.H Windshield 2012 and Newer Body Tech Tip #16-1207

Does your BBCV (Vision) defroster have more pressure on the driver side than the passenger side?

Recently we went to Blue Bird with an issue that drivers were complaining that their passenger side windshield was not receiving the same air flow as the driver side. This caused the passenger side to take longer to clear.

Blue Bird said they had found that there was a “deflector” which runs along the length of the defroster duct molded into the dashboard. In instances where air was not making it to the passenger side windshield the deflector had come loose and was blocking air flow.

To better see this you can remove the driver’s window duct (Figure #1) and look toward the windshield and see the end of the deflector (Figure #2).



Figure #1



Figure #2

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

To Address the issue:

#1 – Tilt the steering wheel all the way forward, remove the screws holding the dash panel with the instrument cluster and bring the panel forward. This will expose the back side of the duct for the defroster. (Figure #3)

#2 – With a small screw at one of the slots cut in the dash for defroster flow toward the left side of the dash panel, insert a small screw driver and press toward the windshield. This will force the deflector to the back of the defroster duct (Figure #4) (also a paint stir stick works well)

#3 – Release the deflector and using a 7/32" drill, put a hole in the defroster duct, then adding pressure back on the screwdriver hold the deflector against the back of the duct and using an 1/8" drill, put a hole in the deflector. (Figure #5)

#4 – Using a #10 x 1-1/2" self-tapping screw, screw into the 1/8" hole in the deflector and tighten, this will pull the deflector back against the rear of the duct opening up the duct for better air flow to the passenger windshield.

#5 – Reassemble dash

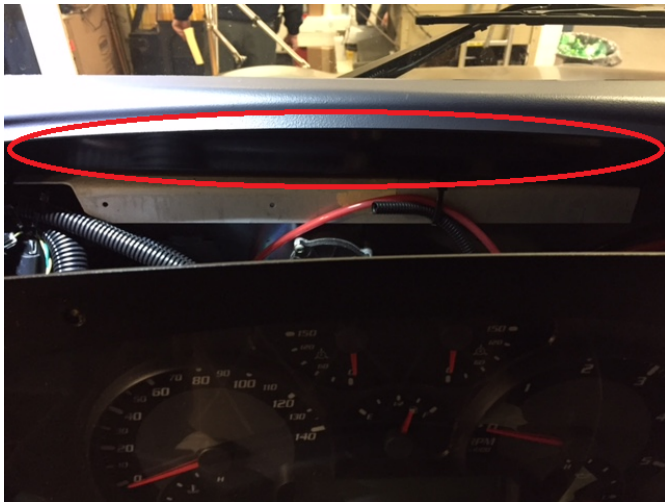


Figure #3

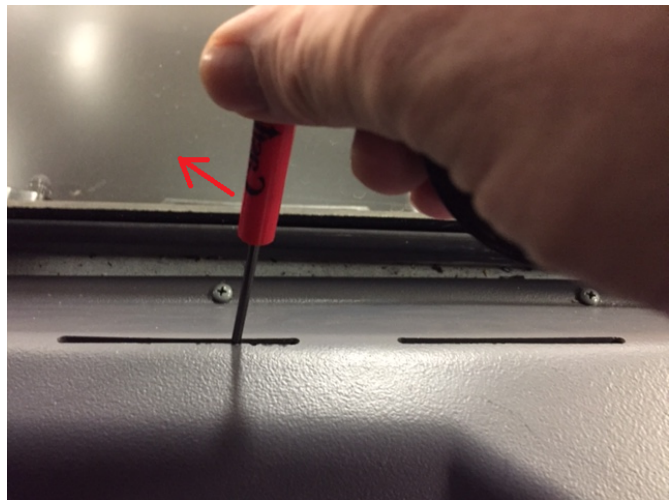


Figure #4

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Figure #5

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CONTACT OUR SERVICE OR PARTS DEPARTMENT WITH ANY QUESTIONS

SERVICE

Chittenango: 800-962-5768
Daryl Wallace or Brian Lamaitis

Rochester: 800-463-
3232 Dave Schaub

Albany: 866-867-
1100 Ben Reiling

Warranty: 800-962-5768
Morgan Jenkins
**Customer Service
Representatives**

Eastern Region:
Gary Bigness
845-500-3707

Central Region:
JJ Richmond
315-559-3999

Western Region:
Mike Panzica
716-908-3186

PARTS

Director of Parts
Jim Hogan
jhogan@newyorkbussales.com
607-227-5794

Chittenango: 800-962-5768
Gari McQuade
gmcquade@newyorkbussales.com
Bill Cox
bcox@newyorkbussales.com
John Lewin
jlewin@newyorkbussales.com
Dave Grant
dgrant@newyorkbussales.com

Albany: 866-867-1100
Sean Conway
sconway@newyorkbussales.com
John Green
jgreen@newyorkbussales.com

Rochester: 800-463-3232
Dave Cook
dcook@newyorkbussales.com
Steve Hibbard
shibbard@newyorkbussales.com

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