



BLUE BIRD

DECEMBER 06, 2012

TO: NORTH AMERICAN DEALERS

SUBJECT: SERVICE BULLETIN S12VS SCR/DPF ISOLATORS MAY FAIL

MODELS

AFFECTED: CERTAIN 2012 THROUGH 2014 MODEL YEAR VISION BUSES

On the subject buses, the SCR (Selective Catalytic Reduction) and/or DPF (Diesel Particulate Filter) isolators may fail resulting in potential damage to wiring harness and/or sensors of the SCR/DPF system. A new design SCR/DPF isolator must be installed according to the attached instructions. (Copy attached)

A printout of your buses that are affected by Service Bulletin S12VS is also attached.

Time to install the new SCR/DPF isolators and inspect SCR/DPF system per instructions for S12VS is 0.75 hours (45 minutes) per bus.

Service Bulletin S12VS will be mailed directly to owners. Owners are being advised to contact their dealer for assistance, if needed.

Parts required to perform Service Bulletin S12VS must be ordered through Blue Bird Service Parts.

Service Bulletin S12VS ends one (1) year from date of issue. Claims for repairs performed after the end date cannot be submitted to Blue Bird.

Questions regarding Service Bulletin S12VS should be directed to your Blue Bird Field Service Representative.

Sincerely,

Bill Coleman
478-822-2242
bill.coleman@blue-bird.com

BLUE BIRD BODY COMPANY

P.O. Box 937 – 402 Blue Bird Blvd – Fort Valley, Georgia – (478) 825-2021



December 06, 2012

Dear Blue Bird Owner,

You will find enclosed a copy of Service Bulletin S12VS regarding the SCR (Selective Catalytic Reduction) and/or DPF (Diesel Particulate Filter) isolators on certain 2012 through 2014 model year Blue Bird Vision model buses.

The SCR/DPF isolators may fail resulting in potential damage to wiring harness and /or sensors of the SCR/DPF system. A new design exhaust isolator must be installed according to the attached instructions for S12VS. (Copy attached)

Your buses affected by Service Bulletin S12VS are identified by Blue Bird body number under section 2 of the enclosed cover sheet.

You may contact your Blue Bird dealer to arrange to have Service Bulletin S12VS performed. Or, if you prefer, you may perform Service Bulletin S12VS yourself or have a qualified repair facility convenient to you perform this service bulletin. A qualified technician should perform Service Bulletin S12VS.

Time to install the new SCR/DPF isolators and inspect SCR/DPF system per instructions for S12VS is 0.75 hours (45 minutes) per bus.

Parts required to perform Service Bulletin S12VS must be ordered through your usual Blue Bird service parts source.

Service Bulletin S12VS ends one (1) year from date of issue. Claims for repairs performed after the end date cannot be submitted to Blue Bird.

Should you have any questions concerning this bulletin, please contact your Blue Bird dealer.

Sincerely,

Bill Coleman
Engineering Services
478-822-2242
bill.coleman@blue-bird.com



2012-2014 BBCV SCR & DPF Isolators

BULLETIN

Models Affected: Certain BBCV 2012 thru 2014 Year Models

ISSUE

Exhaust isolator(s) may fail that support the SCR (Selective Catalytic Reduction) and/or DPF (Diesel Particulate Filter).

CORRECTIVE ACTION

Replace all SCR & DPF isolators, inspect the remaining exhaust system and re-torque all band clamps.

PROCEDURE

WARNING: Always follow all Federal, State, Local and Shop safety standards and use proper safety equipment when performing these procedures. Observe all safety precautions to secure the bus from rolling. Park bus on a level surface, apply parking brake, turn off engine and remove key, chock wheels.

CAUTION: Allow exhaust system to cool prior to performing these procedures to prevent the risk of severe burns.

1. Read and understand instructions before proceeding with the removal of isolators.
2. Locate the SCR and DPF in the exhaust system. Refer to Figure 1 for each location.
3. There will be red silicone exhaust isolators located above the SCR & DPF. One at either end of each component. These are identified by the red arrows in Figure 1.
4. Place a wood spacer and jack under the component and raise enough to allow the isolators to relax. Very little movement, if any will be seen.
5. Beginning with the forward most isolator, remove the pull pin, remove the pin in the bottom isolator hole, rotate the isolator 90 degrees, and remove the isolator from the hanger bracket by pulling towards the center of the frame. Refer to Figure 2 and Figure 3.
6. Locate new isolator; it is colored black and is an EPDM synthetic rubber material.
7. Holding the isolator at a 90 degree position, press onto hanger.
Note: The use of a silicone spray may be necessary to help the isolator slide onto the hanger.
8. Rotate the isolator down into the bracket, align and insert pin and secure with pull pin.
9. Repeat this process for the remaining three isolators, relocating the wood spacer and jack as necessary.
10. Remove wood support and jack.
11. Visibly check remaining red isolators for damage.
12. Verify exhaust system is visibly in a straight line and there are no dips or sags.
13. Re-torque all exhaust clamps per specifications below.
14. Place bus back into service.

Band clamps – 40-60 lb-ft
V Groove clamps – 9.9 lb-ft

Tool and Parts list

Hydraulic or mechanical jack
Wood spacer – 48”
BB# 10033075 (4) per bus

Figure 1

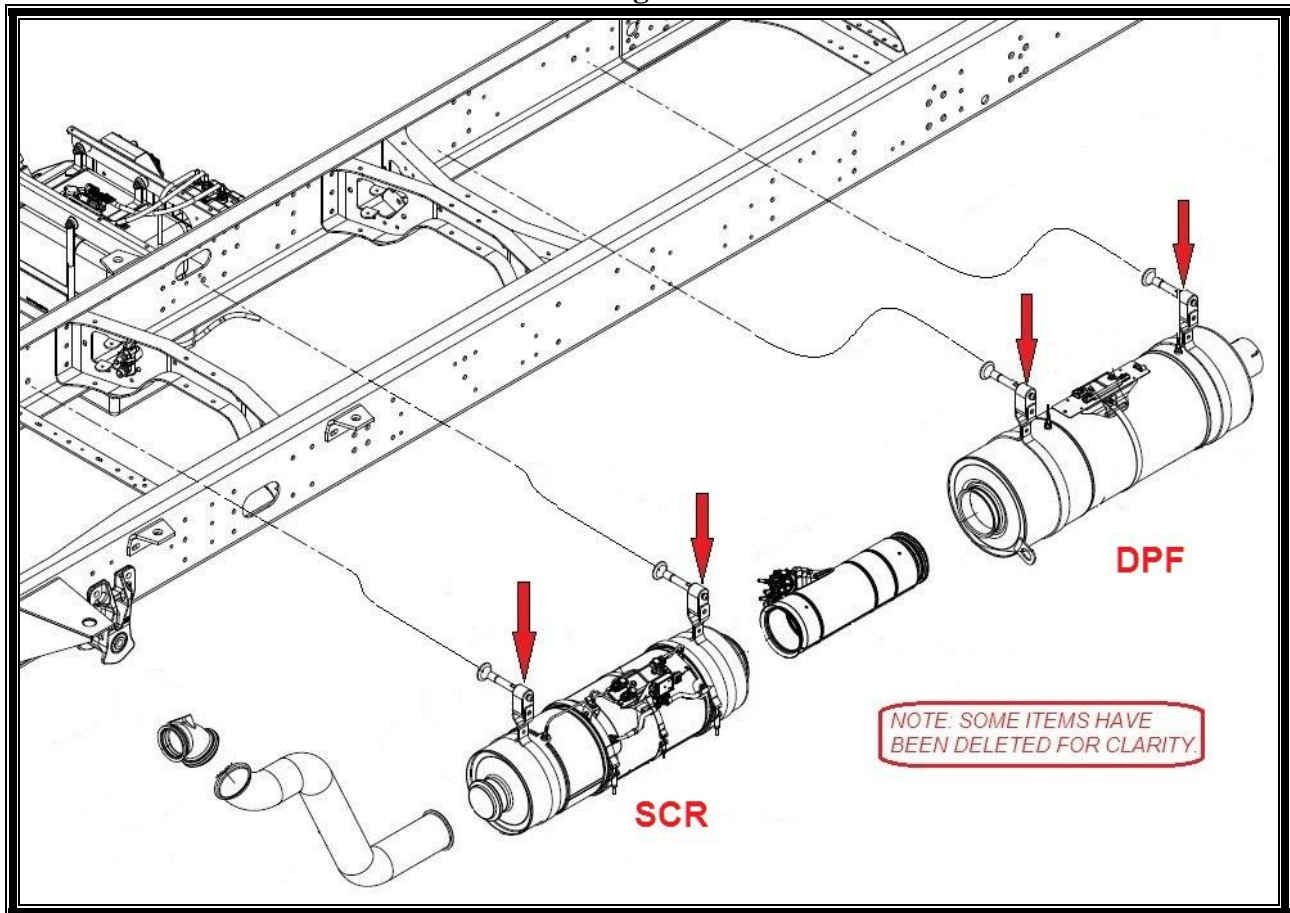


Figure 2

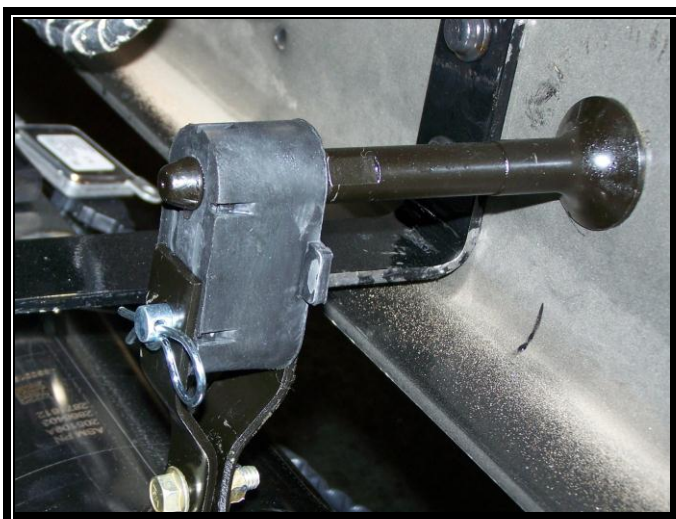


Figure 3

