

February 13, 2014

Revision A

To: Affected North American Dealers

Subject: Service Bulletin S14XA Inspect Transmission Harness Routing and Cooling Hose Connections

Models Affected: 2013-2015 Model Year Vision (BBCV) Models Equipped with Ford Propane Engines

Bulletin Duration: One (1) Year from Date of Issue

Overview

The subject buses equipped with Ford propane engines must have the transmission harness inspected for proper routing and the transmission oil cooler hose connections inspected for correct connection. Service Bulletin S14XA provides instructions for inspecting the harness routing and the cooler hose connections.

Affected Units

A printout is attached of the buses in your territory that are affected by this bulletin. Service Bulletin S14XA will be mailed to all affected owners on record.

Time Allowance

Time allowed for inspecting and correcting the transmission harness routing and the transmission cooler hose connections per instructions for S14XA is 0.4hrs (24) minutes per bus.

Repair Parts

Parts are not required to perform Service Bulletin S14XA.

Labor Reimbursement

Campaign-type claims may be submitted online via Blue Bird iWarranty for labor reimbursement.

Bulletin Duration

This Service Bulletin ends one (1) year from the date of issue.

Repair Facility

Owners are being advised to contact their dealer for assistance, if needed.

BLUE BIRD BODY COMPANY

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



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Questions

Questions regarding this bulletin should be directed to your Blue Bird Field Service Representative.

Sincerely,

Bill Coleman
Engineering Services
478-822-2242

BLUE BIRD BODY COMPANY

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



February 13, 2014

To: Select Blue Bird Customers

Subject: Service Bulletin S14XA Inspect Transmission Harness Routing and Cooling Hose Connections

Models Affected: 2013-2015 Model Year Vision (BBCV) Models Equipped with Ford Propane Engines

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Overview

The subject buses equipped with Ford propane engines must have the transmission harness inspected for proper routing and the transmission oil cooler hose connections inspected for correct connection. Service Bulletin S14XA provides instructions for inspecting the harness routing and the cooler hose connections.

Affected Units

The buses in your fleet that are affected by this bulletin are identified by Blue Bird body serial number(s) and VIN(s) on the enclosed cover sheet.

Time Allowance

Time allowed for inspecting and correcting the transmission harness routing and the transmission cooler hose connections per instructions for S14XA is 0.4hrs (24) minutes per bus.

Repair Parts

Parts are not required to perform Service Bulletin S14XA.

Labor Reimbursement

If you performed Service Bulletin S14XA yourself or had an outside repair facility perform this bulletin you may send a copy of the work order/invoice for completed labor to your Blue Bird Dealer for reimbursement.

Bulletin Duration

This Service Bulletin ends one (1) year from the date of issue.

Repair Facility

We encourage you to contact your Blue Bird dealer to arrange to have this Service Bulletin performed. However, you may have the option to perform this Service Bulletin yourself or have a qualified repair facility convenient to you perform this work. A qualified technician must perform work required under this bulletin.



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Sincerely,

Bill Coleman
Engineering Services
478-822-2242

BLUE BIRD BODY COMPANY

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



BBCV Ford Transmission Inspect Harness Routing – Oil Cooler Hose Connection

BULLETIN

Models Affected: 2013-2015 BBCV Visions with Ford Propane Engines

ISSUE

Transmission harness may not be properly routed and secured. Transmission oil cooler hose may not be properly connected.

CORRECTIVE ACTION

Inspect and, if required, relocate and secure transmission harness. Check for proper connection and installation of transmission oil cooler hoses to transmission cooler and transmission tube assembly.

PROCEDURE

WARNING: Always follow all Federal, State, Local and Shop safety standards and use proper safety equipment, and thoroughly read and understand all instructions before performing these procedures.

1. Park bus on level surface, apply parking brake, turn off ignition and remove key.
2. Chock wheels
3. Caution, engine, transmission, and exhaust manifold **MUST be at ambient** temperature before proceeding.
4. Inspect transmission harness routing to insure no contact with exhaust manifold or exhaust pipes. Note: Check both sides of engine. See photos and illustration of correct harness routing.
5. If required, reroute and secure harness as shown to prevent contact with engine exhaust manifold or exhaust pipes.



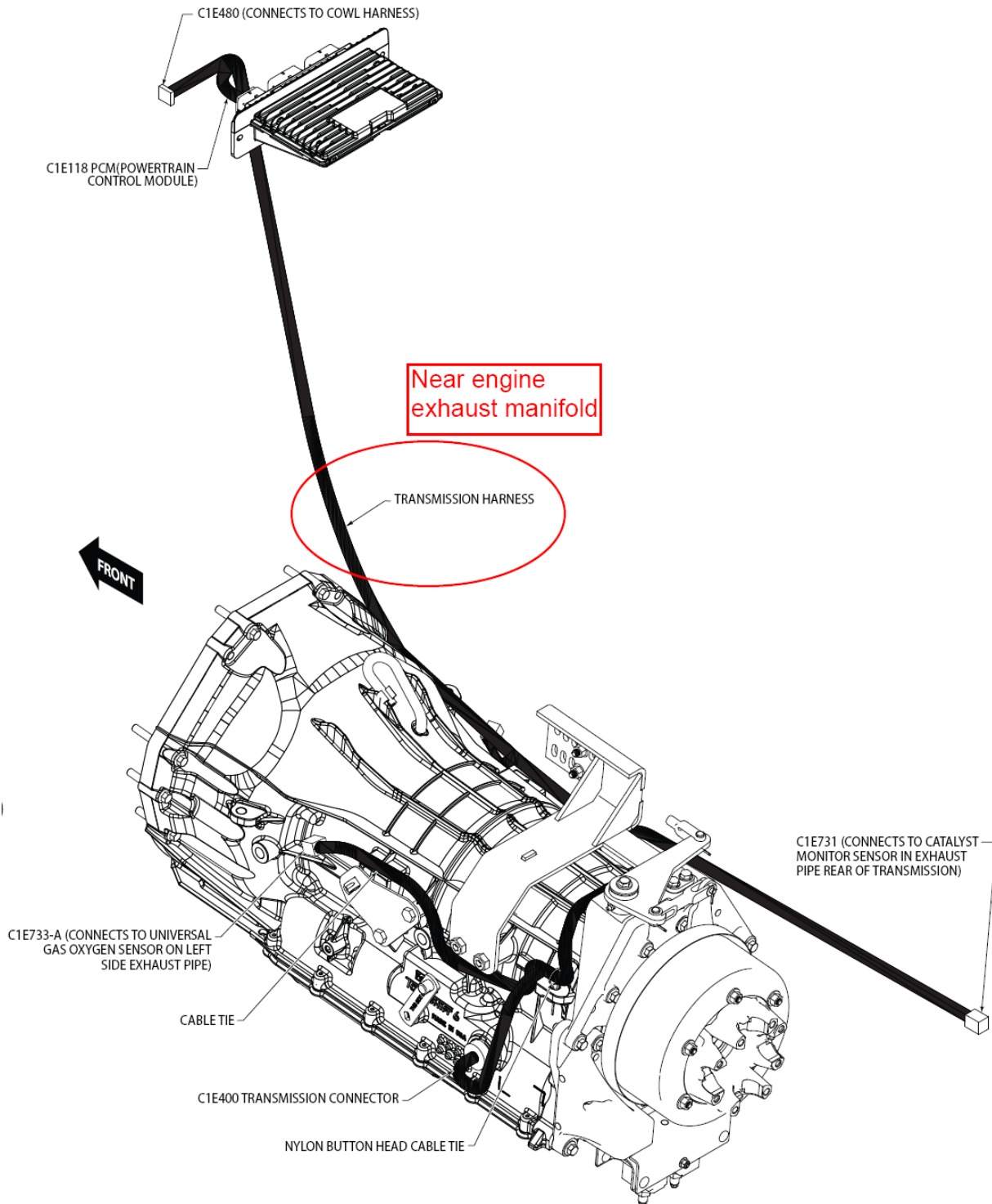
S I 4 X A

S E R V I C E B U L L E T I N



BBCV Ford Transmission Inspect Harness Routing – Oil Cooler Hose Connection

BULLETIN



S I 4 X A

S E R V I C E B U L L E T I N



BBCV Ford Transmission Inspect Harness Routing – Oil Cooler Hose Connection

BULLETIN

Note: Insure harness is routed and secured to maintain a minimum 2" clearance away from exhaust. See circled areas of photo below.



S I 4 X A

S E R V I C E B U L L E T I N



BBCV Ford Transmission Inspect Harness Routing – Oil Cooler Hose Connection

BULLETIN

1. Check for proper connection of each transmission hose where they connect to the transmission cooler and tube assembly (see circled connections in figure 1). Refer to page 5 for verification procedure on “push to connect” hoses.
2. Check for proper orientation of “P” clamp securing the transmission hose to the bottom of the radiator shroud. If clamp is not oriented per figure 1, remove clamp and re-install as shown in figure 1 below.
3. Check transmission fluid level per instructions in the Service Manual.
4. Remove wheel chocks.
5. Place bus back into service.

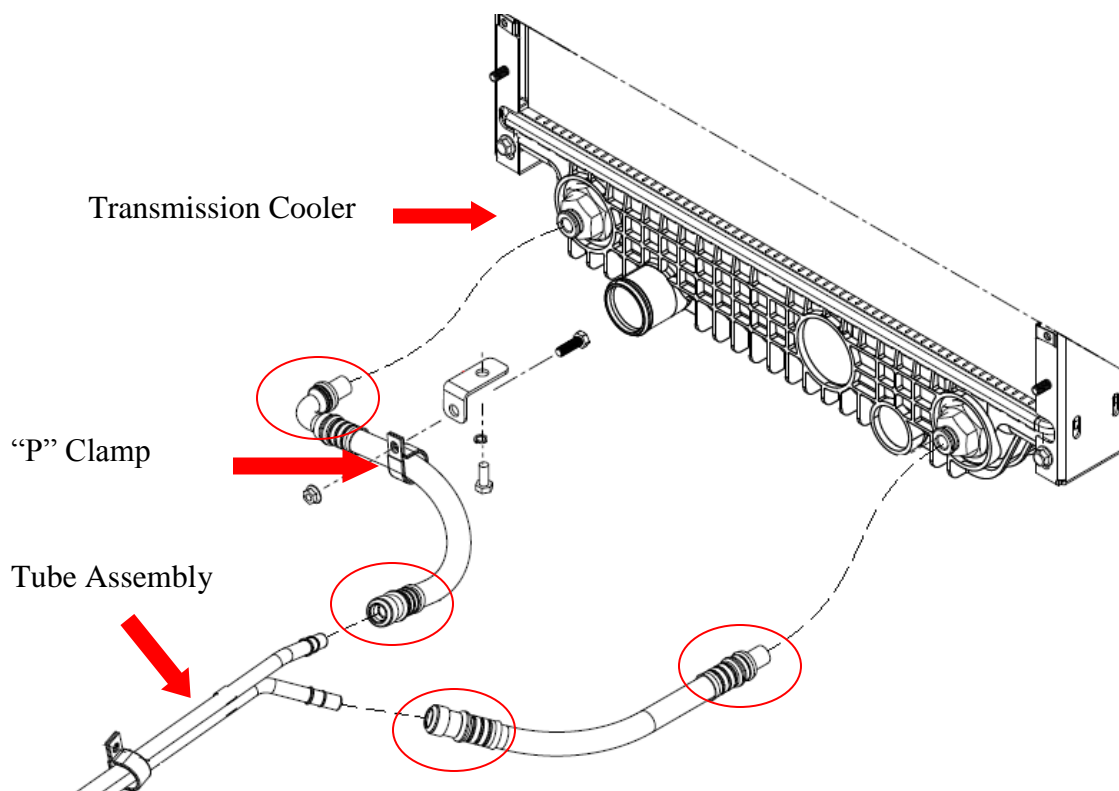


Figure 1

S E R V I C E B U L L E T I N S I 4 X A



BBCV Ford Transmission Inspect Harness Routing – Oil Cooler Hose Connection

BULLETIN

Align the STC fitting on the hose assembly with the STC connector. Push the hose fitting into the mating connector until you feel a definite snap and a solid stop.



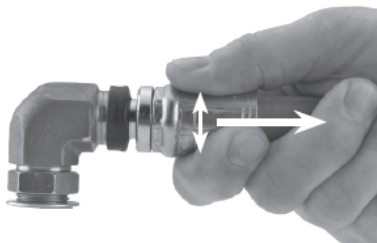
Correct Method



Incorrect Method

Do not hold sleeve during assembly

Verify that the STC connection has been made successfully by pulling on the connection to make sure that the male connector has been properly inserted into female connector. Be sure that the direction of pull is parallel to the axis of the STC connection.



Correct Method

Pulling parallel to the connections axis



Incorrect Method

Pulling at an angle to connections axis



Correct Method

Pulling on the fitting such that the motion is parallel to the connections axis.



Incorrect Method

Subjecting the connection to a sideload by pulling on the hose.

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S E R V I C E B U L L E T I N