



BBCV Ford Transmission Inspect Harness Routing – Oil Cooler Hose Connection

BULLETIN

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

SB-10055247-7795

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.



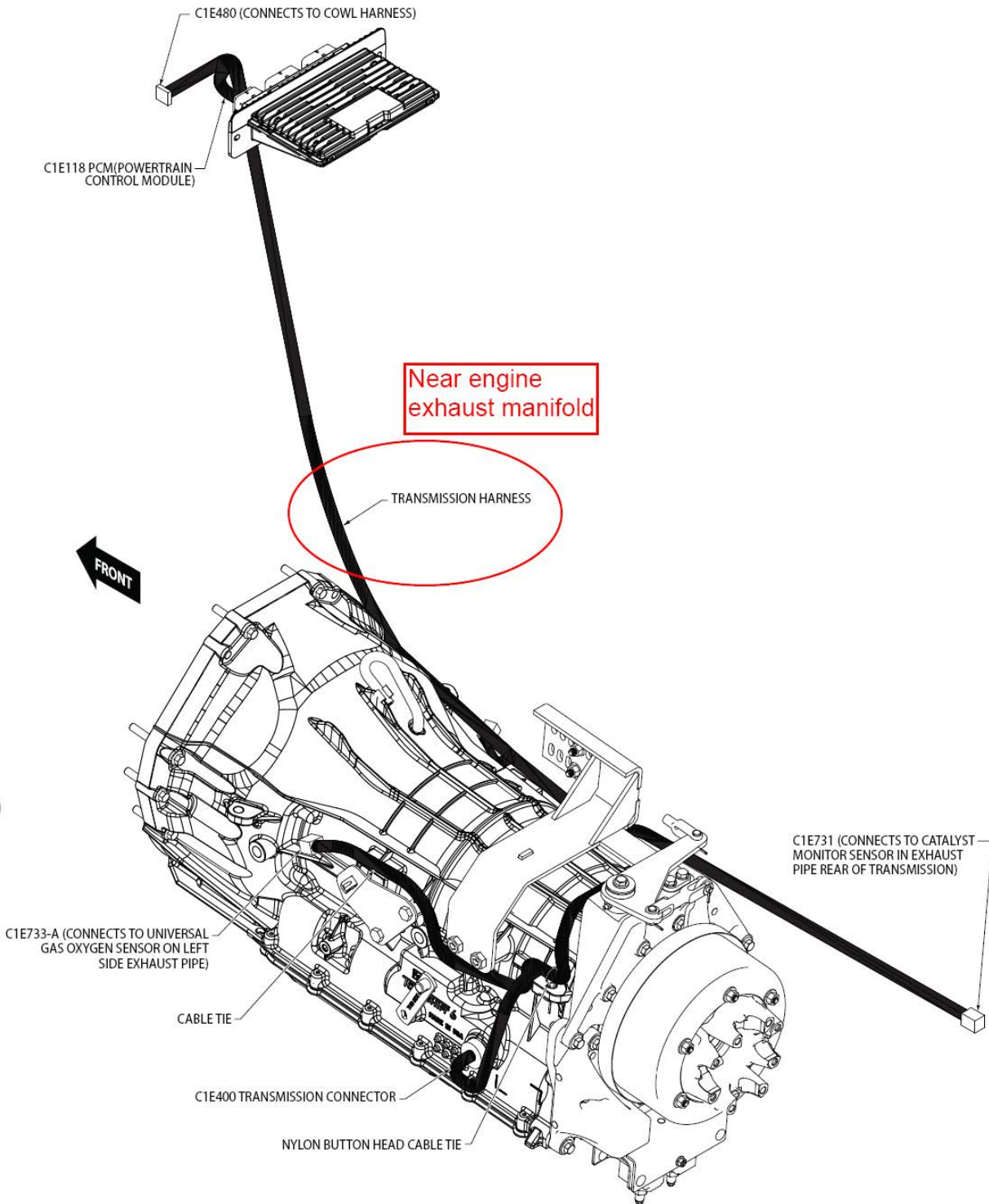
S 1 4 X A

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



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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.

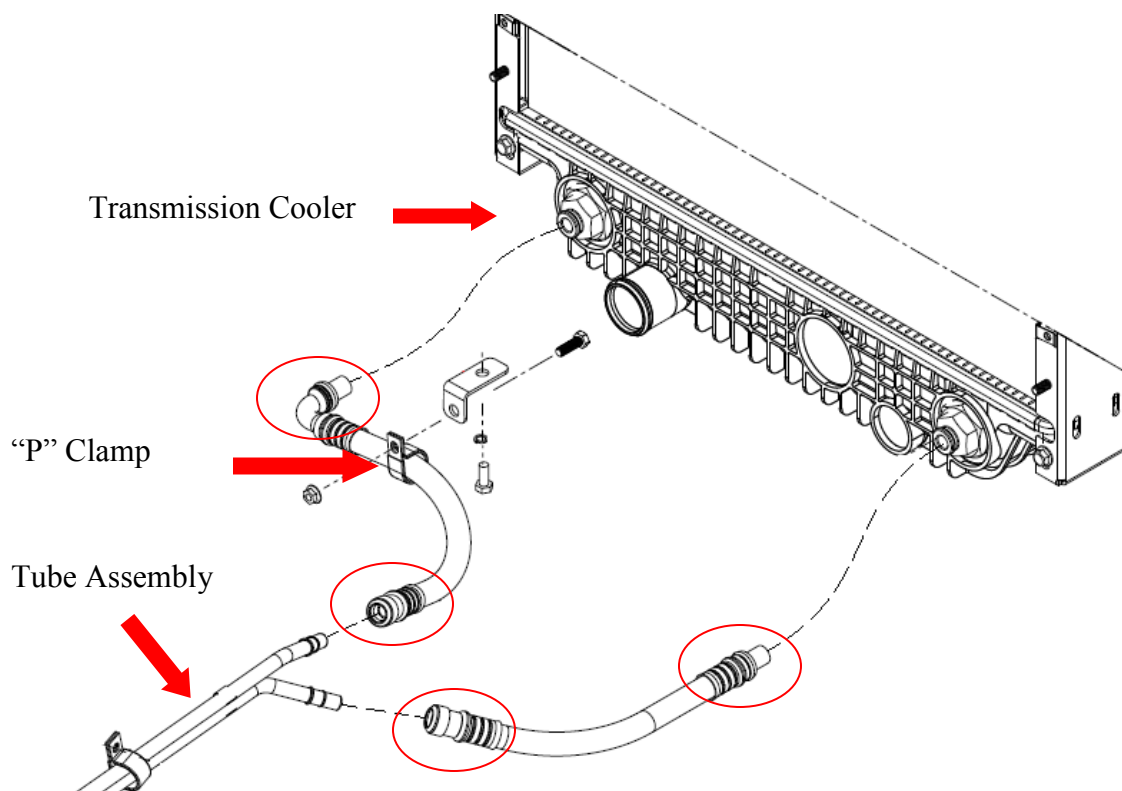


Figure 1

S E R V I C E B U L L E T I N S 1 4 X A



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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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