

SERVICE PROCEDURE

REFERENCE: FSA 202515

DATE: 20.08.2025

SUBJECT: Gen 2.0 Intercooler Pipe (Blue) Hardness Issue

FSA TYPE: Customer Notification

Introduction

This document has been prepared for F-MAX and F-Line GEN 2.0 vehicles regarding the replacement of the intercooler outlet air intake hose in case of a tear problem.

Service Implementation :

Labor Code	Labour Name	Time (hr)
F4V44 6K770	Intercooler Air Hose (Hot Side) R/I	0.20
F2V86 CABTILT	Cab Tilting	0.10

Part List :

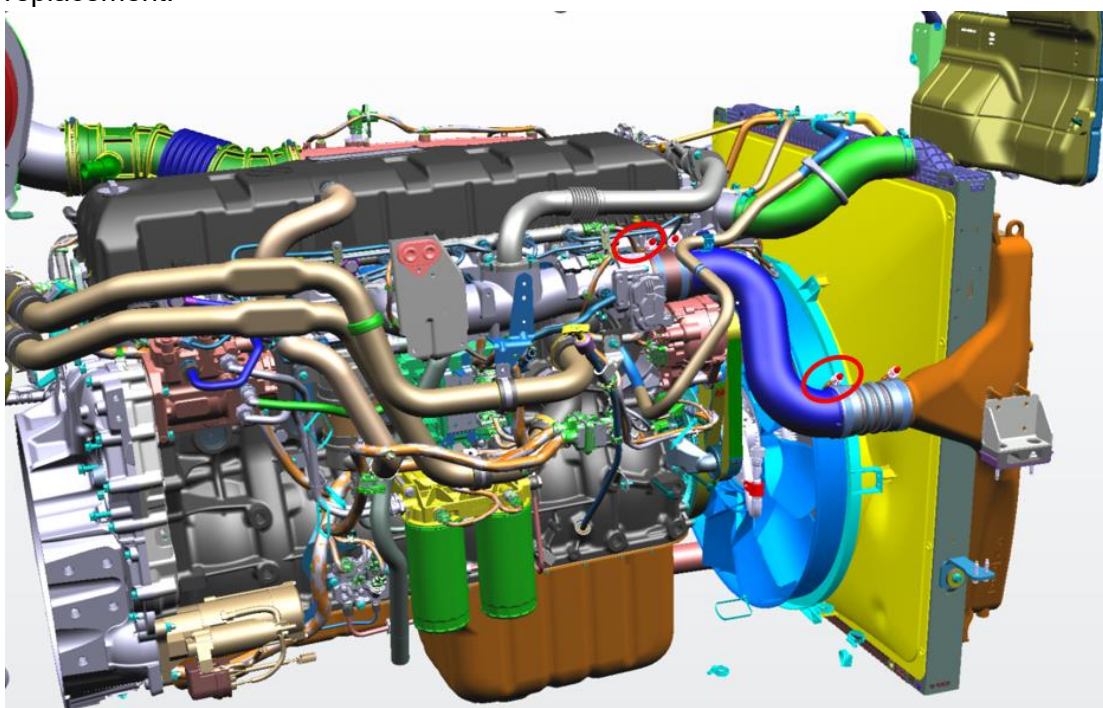
Part Number	Part Name	Quantity
SC46 6K770 CA	Intercooler Outlet Hose	1

Note 1 : The part will be shipped upon order from the central warehouse and managed as not available for sale until stock levels are sufficient. Please prioritize your stock vehicles!

Note 2 : There are common vehicles with latest Gen 2.0 FSA's. For instance, this Field Service Action (FSA) covers 371 vehicles also included in the recently published FSA 202513 (Gen 2.0 SCR Harness Touch Condition) For these vehicles, whole Gen 2.0 FSA procedures should be performed during the same service visit to prevent recalling the customer within a short time frame twice.

Installation Instructions

1. Lift the vehicle cabin to make the part visible.
2. Remove the two clamps marked below. Keep the removed SC46 6F073 A/B part aside for reinstallation after replacement.



SERVICE PROCEDURE

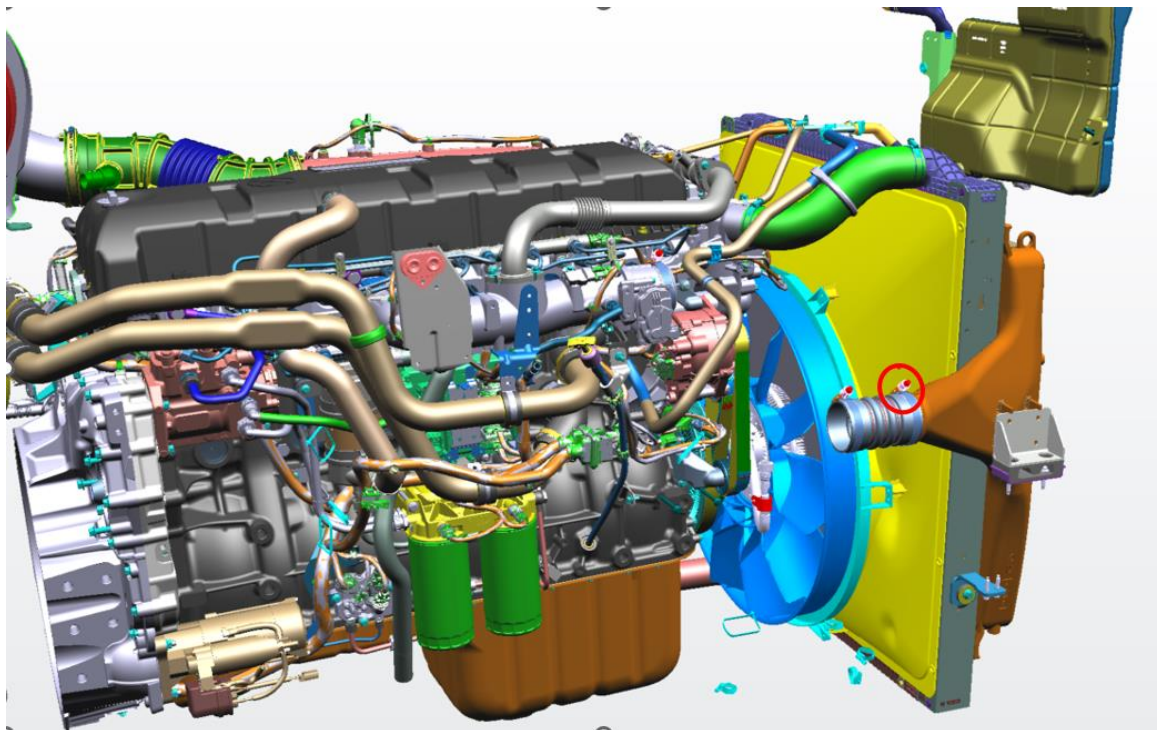
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DATE: 20.08.2025

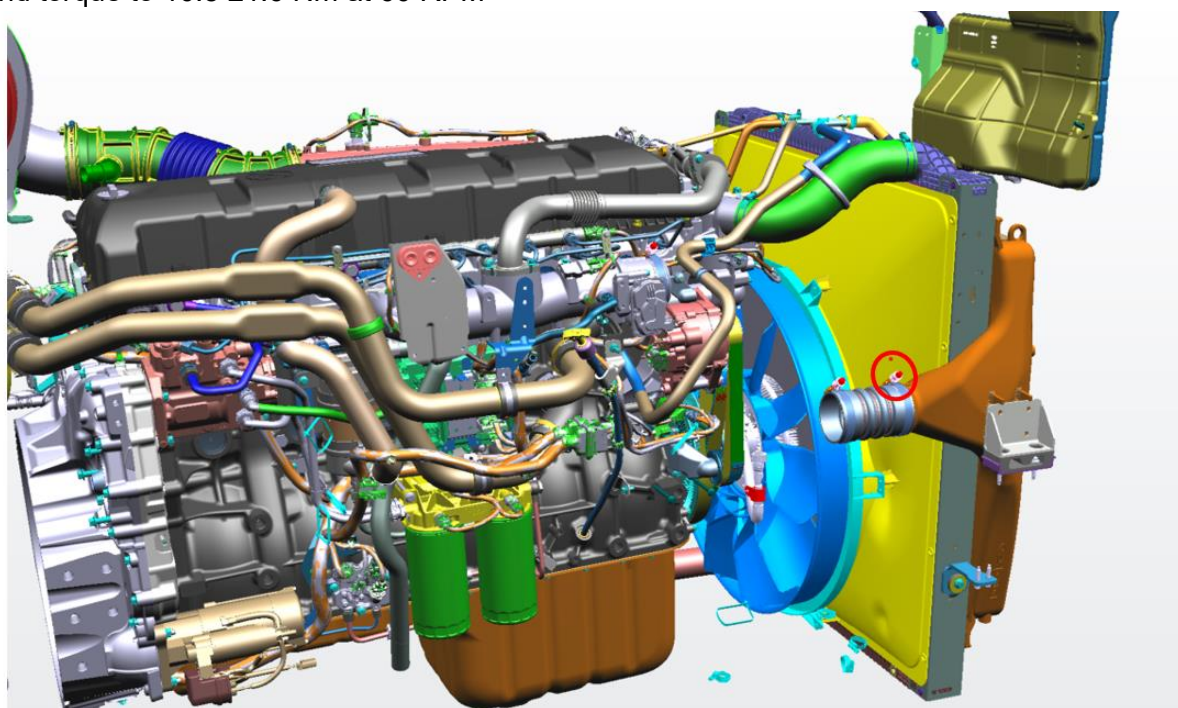
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3. Remove the clamp connecting the SC46 6K770 CA part to the intercooler outlet part as marked below.



4. After replacing the SC46 6K770 CA part with a new one, first tighten the clamp in the indicated direction and torque:
 - Torque: First torque to 7 Nm at 350 RPM
 - Second torque to 10.5 ± 1.6 Nm at 60 RPM



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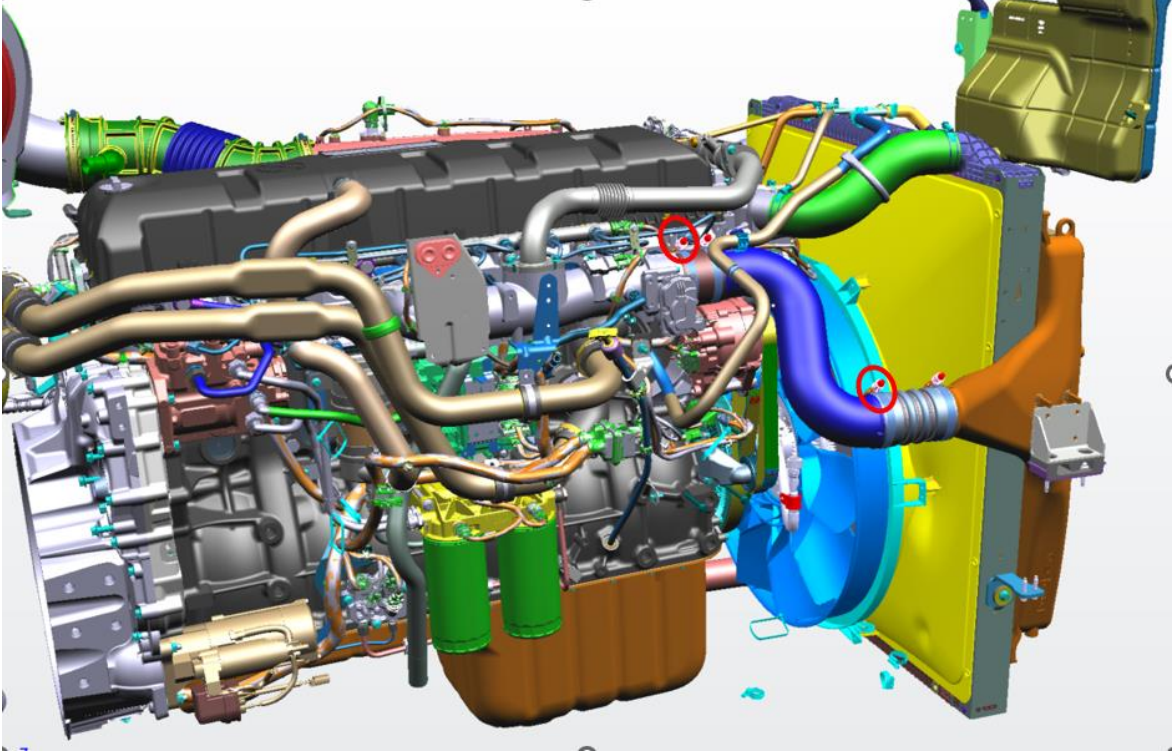
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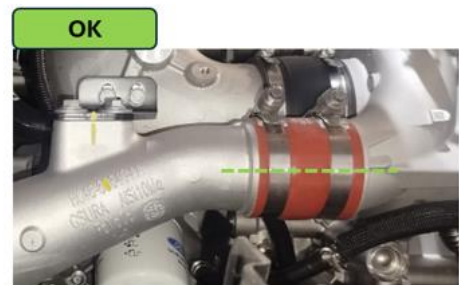
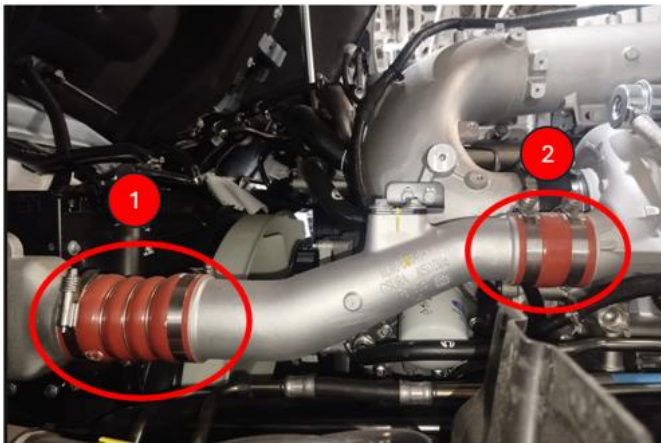
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5. Reinstall the previously removed SC46 6F073 A/B part properly and tighten the marked clamps in the indicated direction and torque:
 - Torque: First torque to 7 Nm at 350 RPM
 - Second torque to 10.5 ± 1.6 Nm at 60 RPM



Note: After completing the installation, check for any axial misalignment in the installed hoses.

6. The inspection will be carried out on pipes 1 and 2 based on the OK/NOK images. If there is any axial misalignment in these pipes, similar to the NOK image, they will need to be repaired.



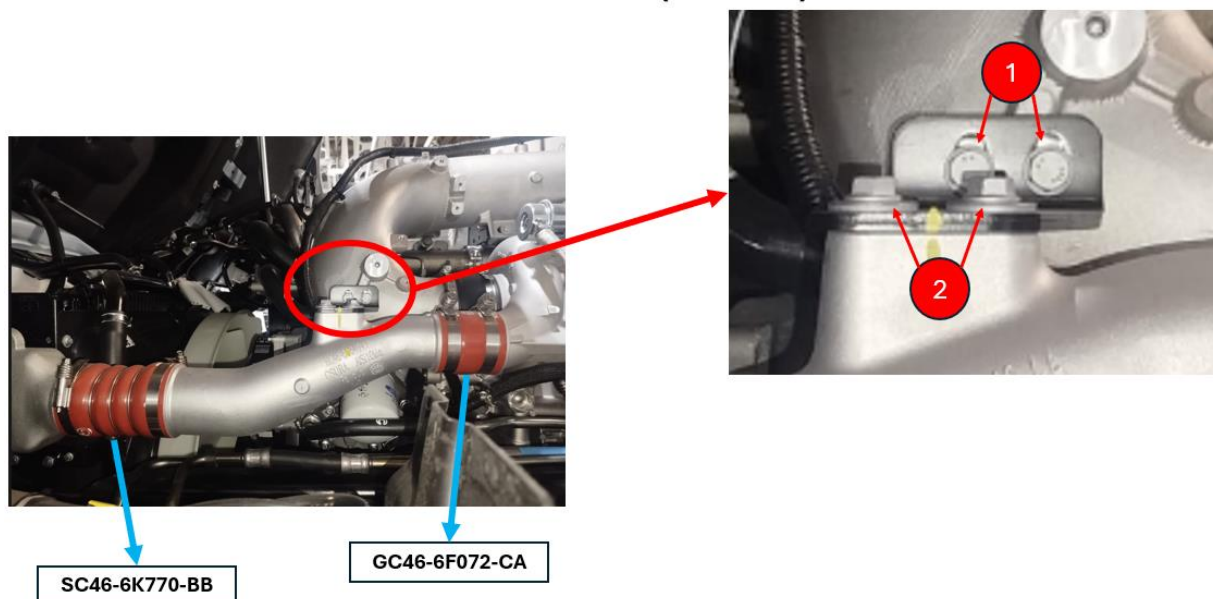
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- Loosen the 4 bolts securing the bracket.
- Ensure that the pipes self-align and achieve concentricity.
- Finally, torque the bracket bolts (torque bolt 1 first, followed by bolt 2).

Clamp Torque Specifications

Initial Torque: 7 Nm

Final Torque: 10.5 ± 1.6 Nm

Bolt Torque Specifications

Torque: 25 ± 3.8 Nm

7. If, as illustrated in the images below, there is contact between the bolt and the hose and/or visible damage such as tearing, the concentricity condition outlined in the previous step must be verified, and the SC46 6K770 BB component should be replaced. **So that reason, please open warranty pre-approval ticket and video/photo evidence is required to process warranty claims.**

