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Coding Information

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Title: MV Air Compressor Inlet Hose Rubbing

Applies To: MV's with Cummins ISB built 11/20/2019 - 11/06/2020

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

03/29/2021 - Initial Article Release

DESCRIPTION

Navistar has identified that in some rare circumstances the Air Compressor Inlet Hose from the Charge Air Cooler, may chafe due to insufficient route and clip. The description and images below offer instruction on sufficient route and clip.

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

DTC/Light	Description
N/A	

Customer Observations or Concerns:

- Air Compressor Inlet Hose chafe
- Turbo boost air leak at the air compressor inlet hose

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
N/A			

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity	Notes

HOSE, AIR COMPRESSOR, 1 IN ID	6132813C2	1	Only required if chafed or leaking
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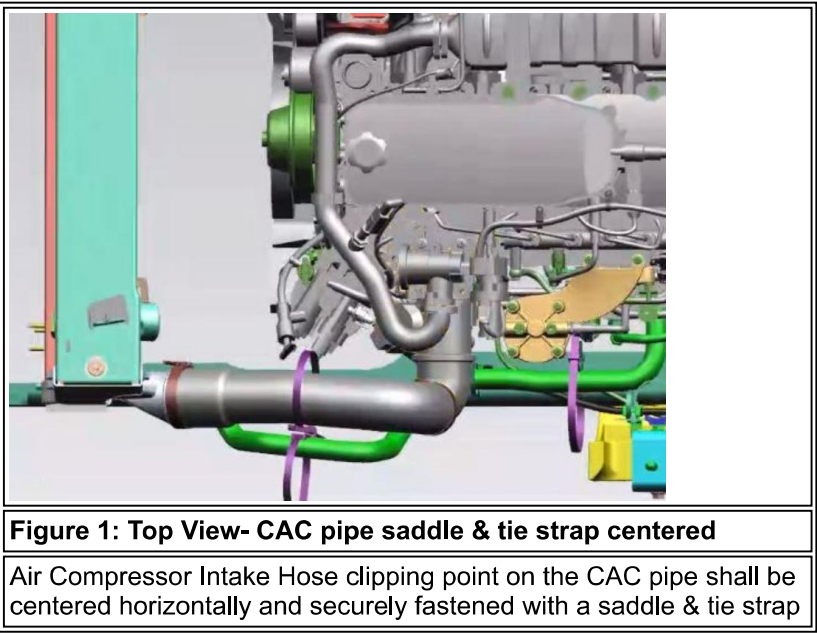
DIAGNOSTIC STEP(s)

- 1. Inspect air compressor inlet hose for chafing or leaks
- 2. If chafing or leaks are found, replace hose
- 3. Route and clip hose per instructions below

REPAIR STEP(s)

Route and Clip Requirements:

- 1. Air Compressor Intake Hose clipping point on the CAC pipe shall be centered horizontally and securely fastened with a saddle & tie strap (Figure 1)
- 2. Air Compressor Intake Hose clipping point to the saddle tie strapped on the CAC pipe shall be centered vertically on the CAC pipe and securely fastened with a tie strap (Figure 2)
- 3. Air Compressor inlet hose routing shall be routed above and parallel to the fuel line, positioned in the highest clipping point in the stanchion bracket, and securely fastened with a tie strap (Figure 3)
- 4. Tie straps located near the driver side motor mount shall have the sharp trimmed edges of tie straps rotated away from the Air Compressor Inlet Hose so sharp edges face the motor mount (Figure 4)



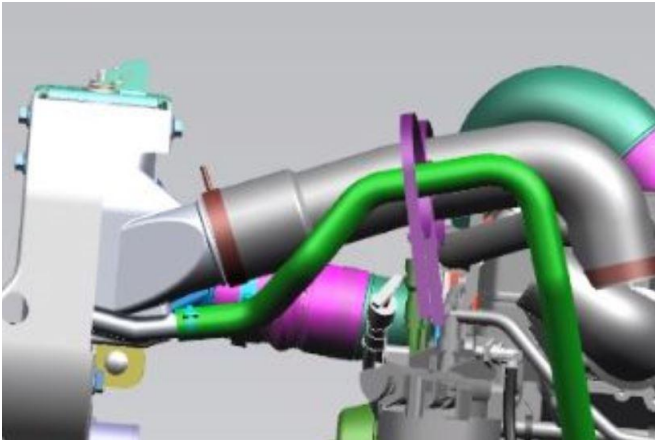


Figure 2: Side View- CAC pipe saddle & tie strap centered

Air Compressor Intake Hose clipping point to the saddle tie strapped on the CAC pipe shall be centered vertically on the CAC pipe and securely fastened with a tie strap

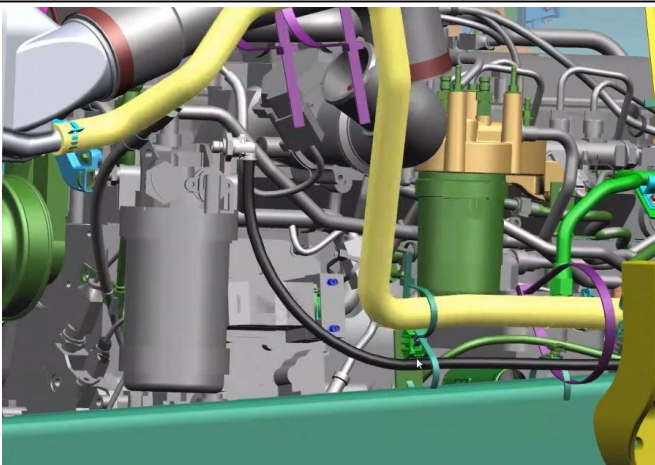


Figure 3: Air Compressor Inlet hose routed above fuel line

Air Compressor inlet hose routing shall be routed above and parallel to the fuel line, positioned in the highest clipping point in the stanchion bracket, and securely fastened with a tie strap

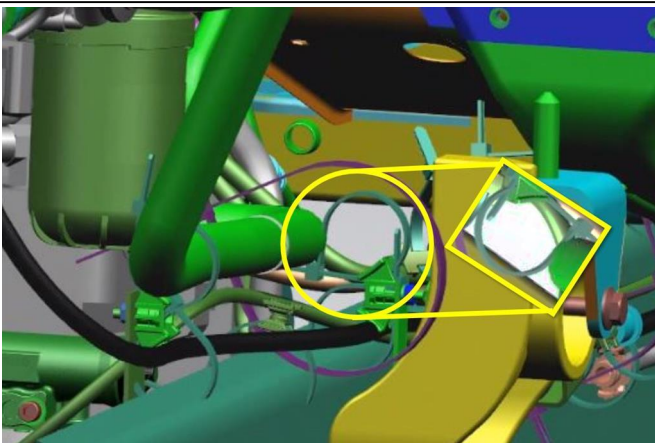


Figure 4: Rearward projection- Sharp Edge rotated to away

Tie straps located near the driver side motor mount shall have the sharp trimmed edges of tie straps rotated away from the Air Compressor Inlet Hose so sharp edges face the motor mount

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

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