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Coding Information

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Title: Aftertreatment Clamp Corrosion

Applies To: Single Can Aftertreatment Systems

CHANGE LOG

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

06/04/2021 - Initial Article Release.

DESCRIPTION

This document is for notification of a new service part for the aftertreatment v-band clamps. It has been identified that in some extreme conditions and corrosive environments there is a benefit to using a clamp that has a higher corrosion resistance, an example would be a plow truck.

SYMPTOM(s)

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

DTC/Light	Description
N/A	

Customer Observations or Concerns:

During a service event the clamp may fail or be no longer serviceable. In extreme examples the clamp may fail while in service creating an exhaust leak.

SPECIAL TOOL(s) / SOFTWARE

Tool Description	Tool Number	Comments	Instructions
N/A			

SERVICE PARTS INFORMATION

Kit Description	Part Number	Notes

		Quantity Required	
316L SS V-Band Clamp (15.6 in diameter)	5510227	3	HD
316L SS V-Band Clamp (13in diameter)	5510228	3	MD
301L SS V-Band Clamp (15.6 in diameter)	5304849	3	HD
301L SS V-Band Clamp (13in diameter)	5417471	3	MD
Gasket (15.6in diameter)	5417859	3	HD
Gasket (13in diameter)	5417860	3	MD

DIAGNOSTIC STEP(s)

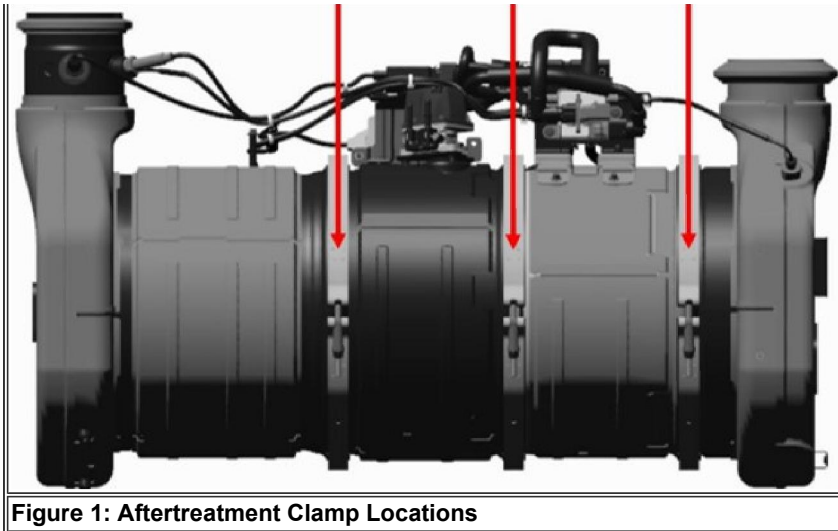
WARNING:

Park vehicle on a hard, flat surface, turn the engine off, set the parking brake, and block the wheels to prevent the vehicle from moving in either direction. Failure to do so may result in property damage, personal injury, and / or death.

WARNING:

Always wear safe eye protection when performing vehicle maintenance. Failure to do so may result in personal injury and / or death.

Step	Action	Decision
1	<p>DIAGNOSTIC:</p> <p>Is the vehicle in a highly corrosive application and do the clamps show signs of severe rust?</p>	<p>Yes. It is recommended to replace with the 316L SS clamps</p> <hr/> <p>No. The 301L SS clamps can be reused or replaced with the same part number as needed</p>



REPAIR STEP(s)

Replace the clamps as required

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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