

Technical Service Bulletin



Date: 1/3/2025	Editor: Rfiester/Mchampeau	Form ID: TSB25001
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Component	DEF Sensor
Apparatus Make & Model	Rosenbauer Commander, Avengers, and Warrior
Affected apparatus	All RBA Chassis 2017 and newer

Complaint	DEF Sensors fails
Cause	Coolant Control Valve Plumbed Backwards
Priority Level	high

Parts		
Part Number	Part Name	Quantity
8600567-001	Coolant Control Valve (CCV)	1
8625758-001	DEF Tank assy	1

Correction	If a DEF sensor fails, validate that the Coolant Control Valve is plumbed so that the coolant flows towards the DEF Tank. If it is plumbed incorrectly, replace the coolant control valve along with DEF assy. Follow the attached instructions for inspection.
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Duration	
Working Hours	2.5 hours if truck is under emission 5 yr warranty

Reimbursement Terms
Open SRS ticket and submit before and after pictures of coolant flow direction. RBA will cover parts and labor for the apparatus warranty period. RBA will cover parts only if out of purchased warranty and still under 5 year emission warranty.

Notify Rosenbauer or your local Rosenbauer Dealer as soon as modification has been completed.

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Inspection Instructions

Coolant Control Valve Inspection Instructions

Follow these instructions to properly inspect the coolant control valve according to TSB25001.

1. Locate the coolant control valve. Located under the cab, on the driver side of the transmission (*Figure 1*).

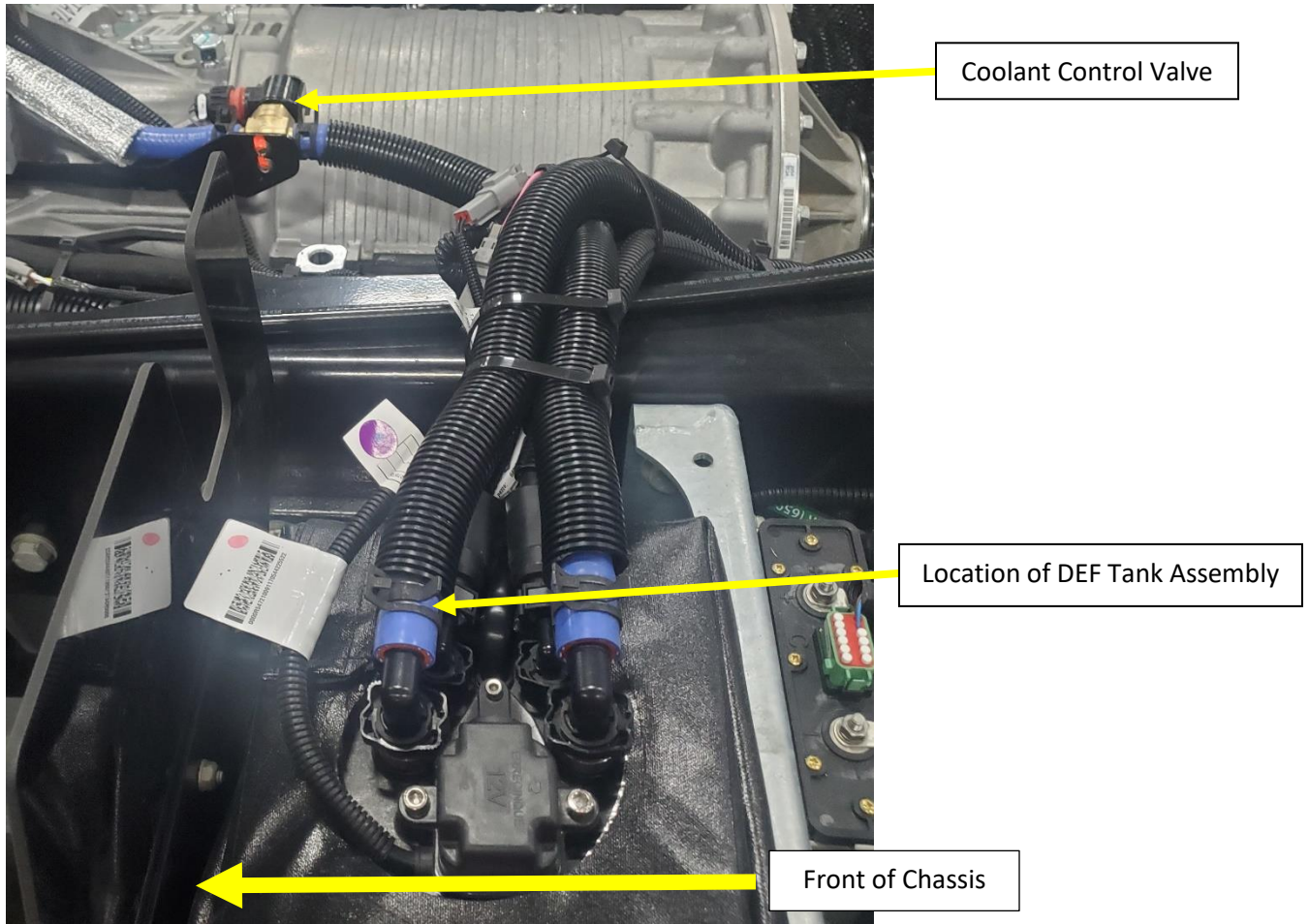
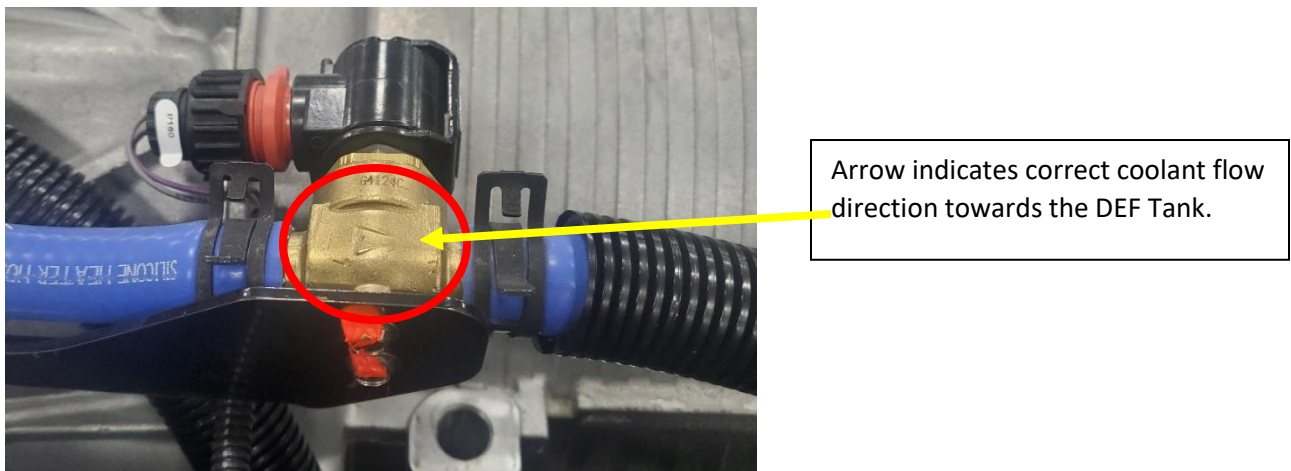


Figure 1

- a. Please note the location of the DEF Tank assembly.
2. On the coolant control valve, ensure that the arrow is pointing in the direction of the DEF tank.



3. If the coolant control valve is pointed in the direction of the DEF tank, no further action needed.

If the coolant control valve is discovered to be plumbed backwards, please open a SRS ticket to report the issue and get the needed parts.

See warranty and reimbursement terms on TSB25001.

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