



Technical Service Bulletin

Technical Service Bulletin: TSB200201	Released Date: 05-Oct-2020
New Variable Geometry Turbocharger Actuator Vented Coolant Drain Line Kits	

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Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

Engines:

- L9 CM2350 L116B
- ISL9 CM2350 L101

Original Equipment Manufacturer (OEM):

- 
 - Fire Truck

Description of Change

New engine coolant vent and turbocharger coolant drain lines released that features a coolant vent path between the turbocharger actuator and engine coolant vent line.

Reason for Change

Insufficient coolant circulation or air venting after engine shutdown due to limited engine compartment air flow.

Service Instructions

- New turbocharger actuator vented coolant drain line kits are available

- Turbocharger plumbing and Engine Coolant Vent options must be confirmed to be compatible prior to ordering. Upfit Kit is backwards compatible with engine built with the options listed in Table 1.

Table 1, Compatible Engine Options	
Option Description	Option Number
PLUMBING, TURBOCHARGER	TP97632
VENT, ENGINE COOLANT	RP9241

- See Table 3 in the Service Parts Availability for kit part numbers.
- See Figures 1, 2, and 3 for existing product and service kit layouts.
- For new turbocharger actuator coolant drain line kit installation, see corresponding Service Manual. Reference Procedure 008-017 in Section 08.
- See Table 2 for Installation torque of engine coolant vent line to turbocharge coolant out line, highlighted in Figure 2.

Table 2, Connection Installation Torque Values	
Connection Location	Installation Torque N*m [ft-lb]
1 (Figure 2)	35 [2 6]

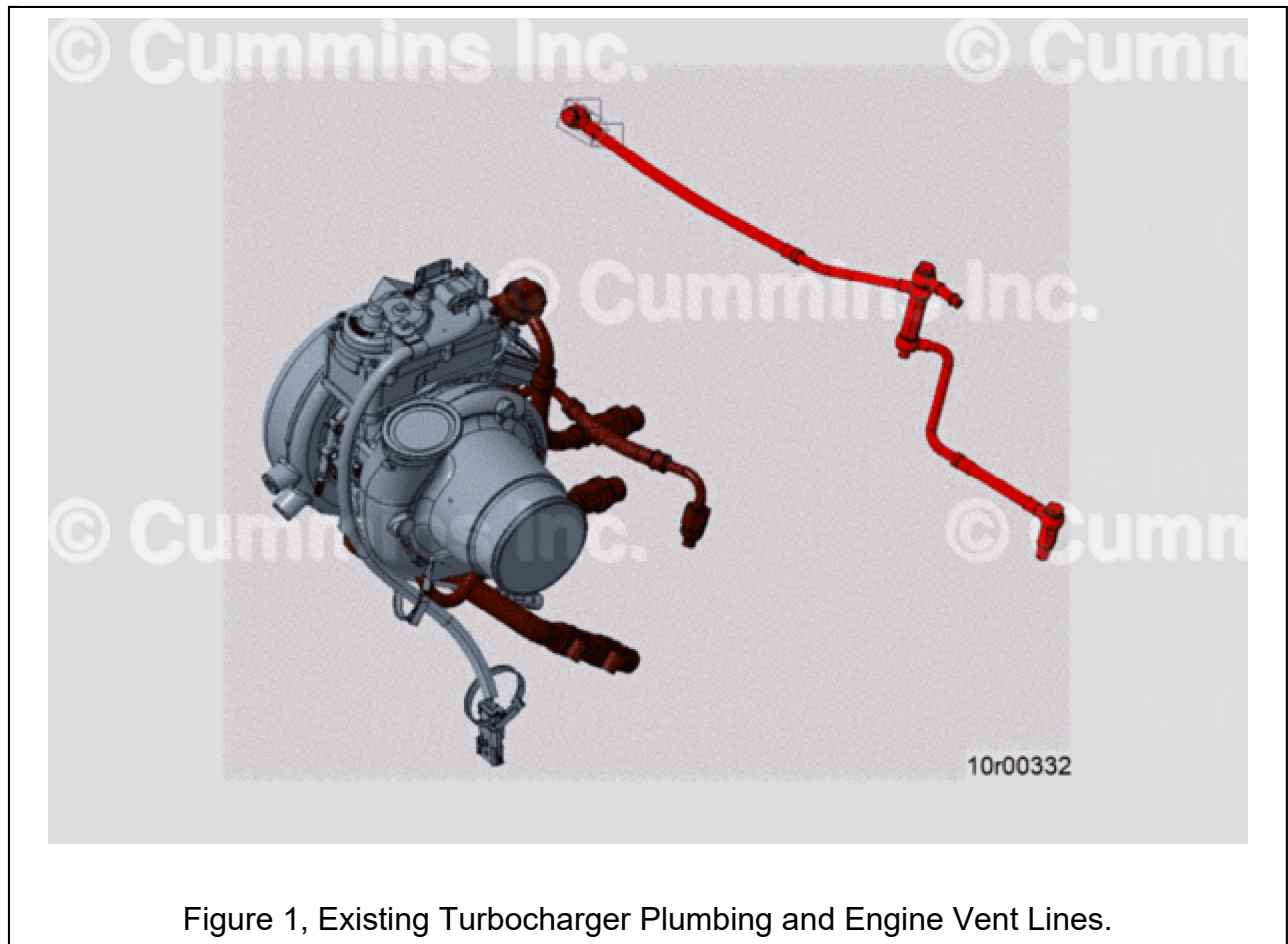
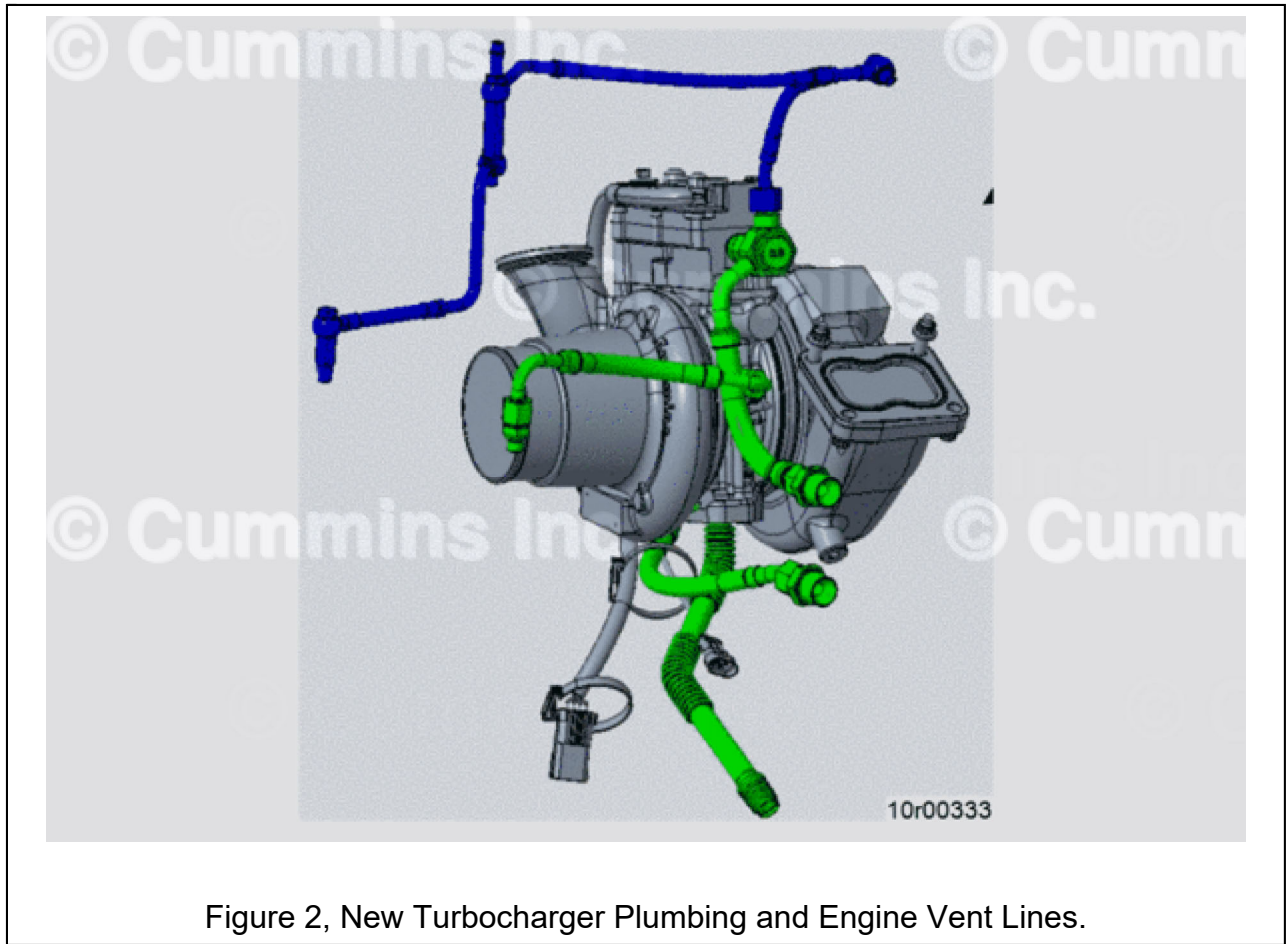


Figure 1, Existing Turbocharger Plumbing and Engine Vent Lines.



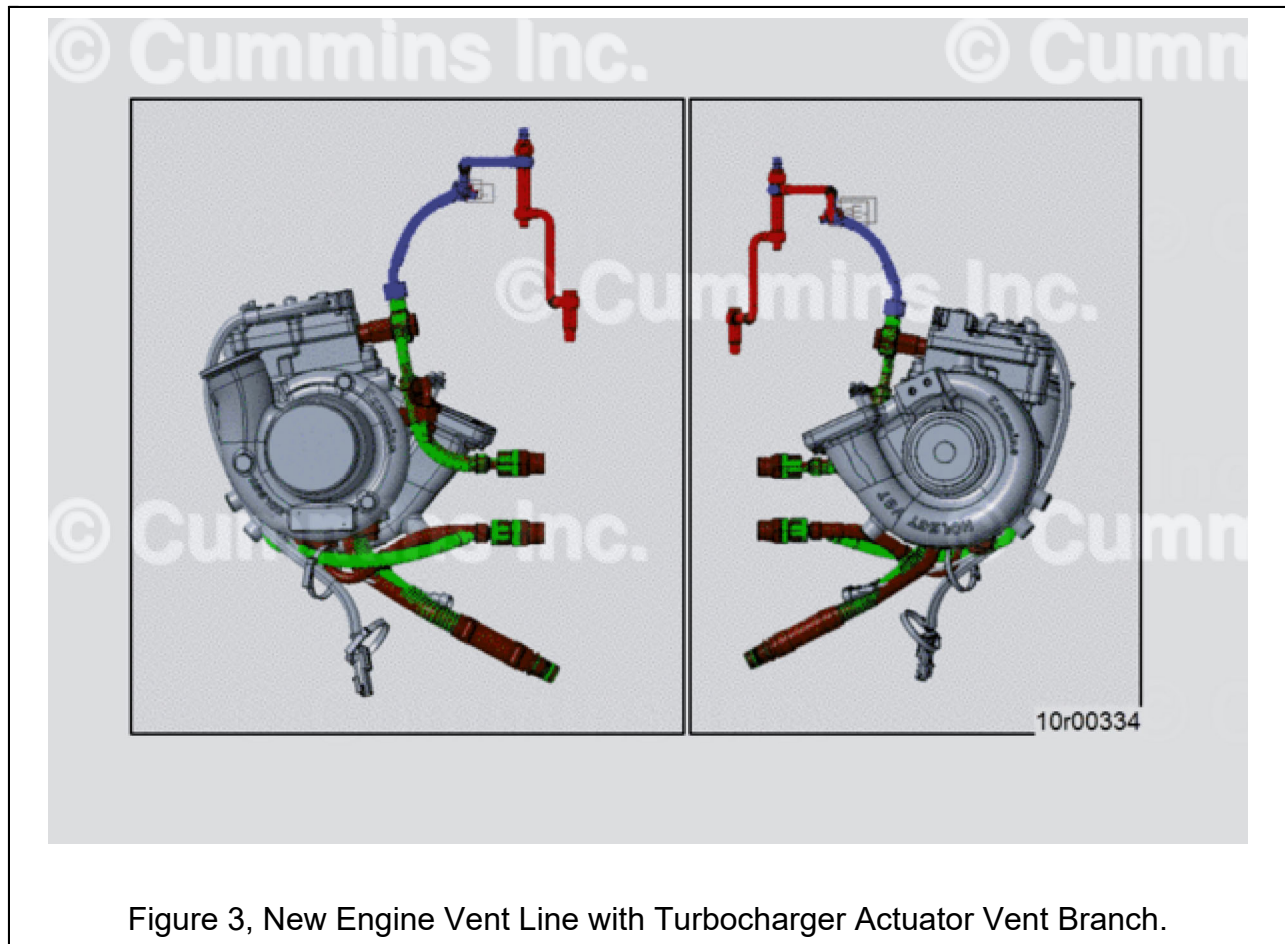


Figure 3, New Engine Vent Line with Turbocharger Actuator Vent Branch.

Service Parts Availability

Service parts are available. See Table 3 for part numbers.

Table 3, Service Parts				
Part Description	Existing Part Number	Obsolete	Superseded	New Part Number
KIT, UPFIT	-	No	No	5579448

Document History

Date	Details
2020-10-2	Module Created

Last Modified: 05-Oct-2020

