



13L Mack Coolant Drain Line

Service

Category Base Engine

Section Coolant

Technician Skill Level B

Market North America

Applicability

MACK

Years	Models	Additional Information
2020	AN, GR, PI	13L VGT Engines

Introduction

Mack Trucks has determined that certain 13L VGT Engine may have been equipped with a compromised coolant drain line. Failure of this coolant drain line would result in an excessive loss of engine coolant. To address this issue the coolant drain line is to be removed and capped-off. Follow the instructions outline in this service campaign.

Production Change Information

This bulletin applies to vehicles built within the specified production changes below.

Brand	Engine	Emission Level	Starting Build Date	Ending Build Date
Mack	MP8 13L VGT	EM-USA 21	1-Jan-20	-



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Warranty Information

This repair is covered by an authorized Service Program Campaign. Reimbursement is obtained through the normal claim handling process.		
Claim Type (used only when uploading from the Dealer Bus. Sys.)		40
Primary Labor Code	Description	Hours
2932-03-02-01	EGR Cooler Replacement	3.6
1720-16-09-01	Campaign, General	.1 x 2 = .2
Causal Part	23691833	
Expiration Date	May 31, 2021	
Authorization Number	S7495	

Parts Information

Part Number	Description	Qty
960632	Plug	1
977935	O-ring style gasket/crush washer	1
20781146	Turbo gasket	1
20841816	EGR cooler gasket	2
1547253	Sealing Ring	2
967343	O Ring	3
1675066	Sealing Ring	1
21096684	O Ring	1

Required Software

NA

Required Tools & Equipment

NA

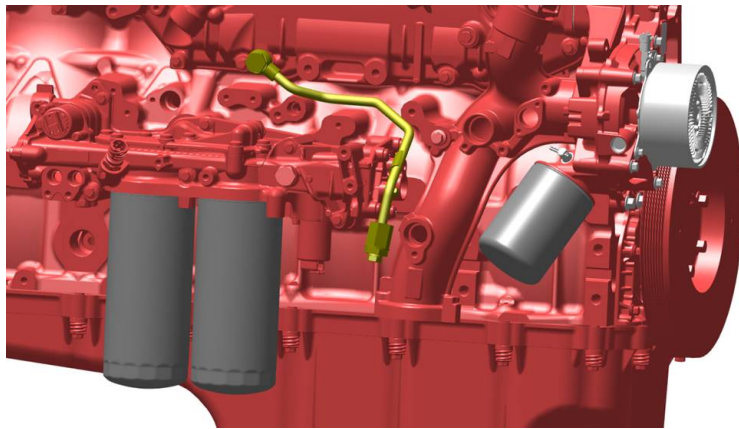
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Calibration Information

NA

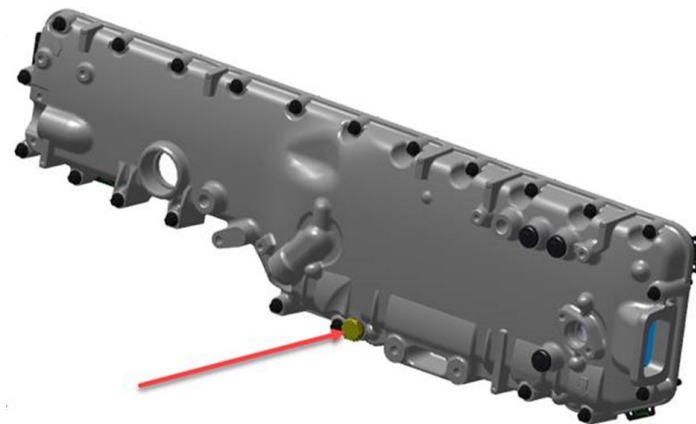
Repair Procedure

1. Refer to IMPACT document ID, 2932-03-02-01 for instructions on removing EGR Cooler.
2. With EGR Cooler removed, disconnect coolant line from oil cooler and scrap part.



3. Install plug (P/N 960632) with crush washer (P/N 977935) in place of the coolant drain line.

Tightening torque	
Oil Cooler, Plug	60 Nm



4. Reinstall EGR Cooler per Impact instructions.
5. Check for coolant leaks.