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Coding Information

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Title: LT and RH Premium Electronic Gauge Cluster Needle May Contact Graphic

Applies To: LT and RH with Premium Electronic Gauge Cluster built between February 14, 2017 and March 29, 2017
 0016GDG 0016GDH 0016GDJ

Change Log

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

06/29/2017 - Initial Article Release.

Description

LT and RH vehicles built between February 14, 2017 and March 29, 2017 that are equipped with a Premium Electronic Gauge Cluster may experience the speedometer or tachometer needle contacting the gauge graphic causing various complaints from the driver. Vehicles within this date range that have this complaint should have the Premium Electronic Gauge Cluster replaced. This issue does not exist on the Base Level Electronic Gauge Cluster.

Symptoms

Diagnostic Trouble Codes & Dashboard Indicator Lights:

DTC/Light	Description
No Faults or Warning Lights	

Customer Observations or Concerns:

- Speedometer or Tachometer has jumpy operation while driving or during gauge sweep
- Speedometer or Tachometer becomes inaccurate while driving
- Speedometer or Tachometer doesn't move at a certain engine speed or vehicle speed

Special Tools / Software

Tool Description	Tool Number	Comments	Instructions
Not Applicable			

Service Parts Information

Kit Description	Part Number	Quantity Required	Notes
	VIN Specific		Various Part Numbers

Refer to the Parts Catalog			
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Diagnostic Steps

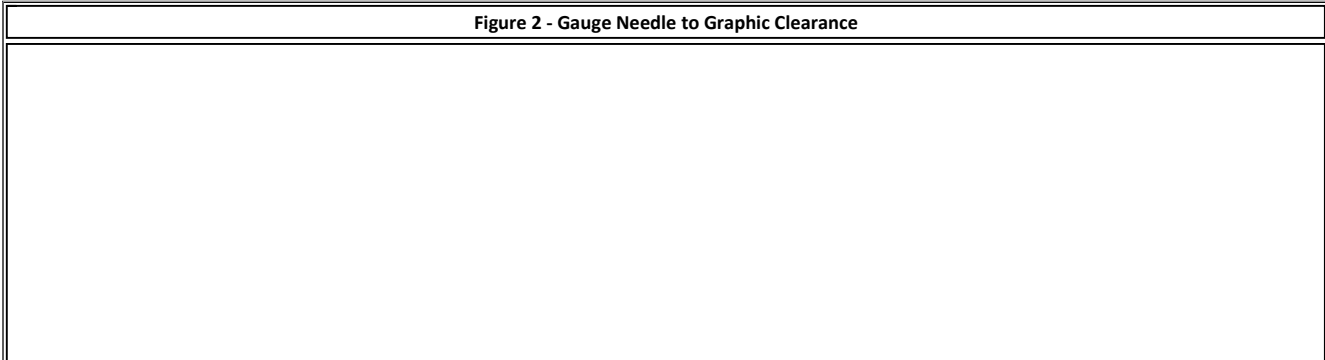
Step	Action	Decision
#1	<p>DIAGNOSTIC:</p> <p>If the issue is not currently present, interview the driver to see if the symptom was present.</p> <p>Does the EGC have any of the complaints listed above in the Customer Observations or Concerns?</p>	<p>Yes: Replace the EGC with the part number listed in the parts catalog for the vehicle you are working on.</p> <p>No: Troubleshoot the complaint or issue using the appropriate FCAP or follow the LT Technician Manual.</p>

- Figure 1 shows a Premium Electronic Gauge Cluster.
 - This issue does not exist on Base Level Electronic Gauge Cluster due to design differences between the two clusters.
- Figure 2 shows the needle to graphic clearance.
 - The issue can occur at any spot on the speedometer or tachometer gauge.
 - The issue may be intermittent.
 - Cycling the key will reset the speedometer and tachometer after the gauge sweep is completed. (This may allow for proper operation temporarily, but does not resolve the issue.)

Figure 1 - Premium Electronic Gauge Cluster



Figure 2 - Gauge Needle to Graphic Clearance





Repair Step(s)

Replace the Electronic Gauge Cluster. Refer to the LT Technician Manual for proper procedures to remove and install the electronic gauge cluster.

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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