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Viewed:	393		

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Coding Information

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Title: LT Starter power connection cleaning**Applies To:** LT

Change Log

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

11/14/2018 - Updated diagnostic and repair steps based on dealer feedback. Updated service parts informaton.
05/17/2018 - Initial Article Release.

Description

Red paint, electrical sealant (dielectric coating) found on Starter power cable eyelet removal.

Symptoms

Diagnostic Trouble Codes & Dashboard Indicator Lights:

DTC/Light	Description
No Faults or Warning Lights	

Customer Observations or Concerns:

- No Crank
- Failed starter

Special Tools / Software

Tool Description	Tool Number	Comments	Instructions
Not Applicable			

Service Parts Information

Kit Description	Part Number	Quantity Required	Notes
1lb Dielectric Grease, Blue	2519646C1		Tribo Tuff®
Seal, Compound, 4oz tube	472141C2		Grafo 112x

Diagnostic Steps

Step	Action	Decision
#	DIAGNOSTIC: During complaints for no crank, or during starter removal, inspect the eyelets on the starter for excessive dielectric coating. Is the dielectric coating excessive as shown in Figure 1?	Yes: Proceed to repair steps
		No: Continue diagnostics or repair.

Repair Step(s)

This iKNow is primarily a reminder to ensure removal of all RED dielectric coating found on any Starter eyelet when replacing a starter on an LT vehicle.

Example:

Figure 1 - Excessive Corrosion Protection



1. The condition shown in Figure 1 can cause a poor connection at the starter.
2. Remove power cable from the positive stud on the starter, using wire brush (tool example) clean all eyelets that show RED dielectric coating covering the connection area of the eyelet.
3. Reassemble the cables on the starter and then apply corrosion protection. (Grafo 112x or Tribo Tuff®)

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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