

Fuel Injector Electrical Fault With Fault Codes

Topic number	LI07.16-N-069263
Version	1
Function group	07.16 Diesel injection system common rail
Date	01-08-2019
Validity	906 and 907 Sprinters with OM642 engine.
Reason for change	
Reason for block	

Complaint:

Low power and poor throttle response. Potential hard start. Check engine light accompanied with P033600, P214600, or P027100 fault codes.

Cause:

Injector wire potentially shorted against high pressure line.

Attachments	
File	Description
ShortedInjectorWire_OM642.JPG	Shorted Injector Wire

Remedy:

Perform a visual inspection of the injector wiring and ensure the wires do not contact any of the high pressure lines.

If contact is noticed, thoroughly inspect the wiring for damage.

Repair damage, if found, and reroute wires to prevent future contact.

Symptoms
Power generation / Engine management / Engine performance / No/poor output
Power generation / Engine management / Indicator lamp / Electronic diesel control / lit
Power generation / Engine management / Indicator lamp / Engine diagnosis / lit
Power generation / Engine management / Engine running / Runs rough/shakes

Validity		
Vehicle	Engine	Transmission
*	642	*
Sprinter 907	*	*
Sprinter III	*	*

XENTRY TIPS

Attachments

ShortedInjectorWire_
OM642.JPG:

