Special Service Message

NOTE: A Special Service Message is a formal communication issued by Land Rover and carries the same importance of a Technical Service Bulletin. An SSM is a quick method of communicating "Need To Know" information to the technical service community. SSM's may be issued in advance of a technical bulletin or may be the only communication on a given topic. All information contained in Land Rover technical communications are intended for use by trained, professional technicians with the knowledge, tools, and equipment required to complete the procedure correctly and safely. It informs the Technicians of conditions that may occur on some vehicles, or provides information that could assist in correct vehicle and diagnostic service.

SSM 60338 - Fuel Gauge / Pump Diagnostic Aids

Models :	LA - Discovery 3 / LR3
	LA - Discovery 4 / LR4
	LF - Freelander 2 / FL2
	LM - New Range Rover
	LS - Range Rover Sport
Engineer Name :	Bollettieri Thomas
Last Modified :	21-10-2012 12:51:30
Category :	Diagnostic Software/Hardware
Symptom :	000101 Diagnostic Concerns
Content :	Jaguar Land Rover North America Service Diagnostics would like to remind all service techs to take advantage of all diagnostic aids available when investigating Fuel Level Sensor and Fuel Supply/Pump circuit related complaints and DTC's. Furthermore, an extensive review and enhancement to the SDD based SPA pinpoint tests for related DTC's are now fully completed. These changes have been gradually introduced over several recent DVD releases. (Starting with new L359 info on DVD127, all 10MY onward vehicles are currently enhanced. See the attached PDF file for complete list of current enhancements.) Best Practices: Using all resources! TOPIx: As a reminder, information about fuel level sensor and supply circuit diagnosis and testing can be found in the WSM under section 310 - Fuel System > 310-01 Fuel Tank and Lines > Diagnosis and Testing. Always search for updated/new publications like this SSM and do not rely on printed copies and/or your memory alone.

SDD:

Always select the correct symptoms for the customer complaint and/or observed vehicle behaviour. This is important since DTC's must be classed as a "Related" DTC before the associated pinpoint test will be offered on the recommendations list.

Using correct symptoms will also trigger correct links to related publications displayed on the recommendations list.

When using Datalogger to review live data, don't forget to use the new search feature to quickly locate all "fuel" related signals within any supporting control module.

File : Fuel Level & Pump Related SPA enhancements DVD131.08 - Formatted.pdf

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Land Rover

L322 10 MY >	*Fuel level sensor fault*	*Fuel pump control circuit fault*
PCM		
P025C		*
P025D		*
P0461	*	

L359 07 > 11 MY	*Fuel level sensor fault*	*Fuel pump control circuit fault*
BCM		
B100A		*
B10C0		*
P0460	*	
P0462	*	
P1346	*	
P1348	*	
PCM		
P0460	*	
P0461	*	
P0628		*
P0629		*
P1346	*	

Note: Similar DTCs on both L319 and L320 models have been enhanced, but details were not avaialble at the time of this publication.

Jaguar

X150 10MY >	*Fuel level sensor fault*	*Fuel pump control circuit fault*
BCMB (RSJB)		
B1A75	*	
B1A76	*	
PCM		
P025C		*
P025D		*
P0461	*	

X250 10MY >	*Fuel level sensor fault*	*Fuel pump control circuit fault*
BCMB (RSJB)		
P0460	*	
P1230		*
P1346	*	
PCM		
P0231		*
P0232		*
P025C		*
P025D		*
P0627		*
P062A		*

X351 10 MY >	*Fuel level sensor fault*	*Fuel pump control circuit fault*
PCM		
P025C		*
P025D		*
P0461	*	