

Reference	SSM72450
Models	Range Rover / L405 Range Rover Sport / L494
Title	16MY Td6 DEF Tank Fluid Level
Category	Electrical
Last modified	05-Oct-2015 00:00:00
Symptom	204000 Instrumentation
Attachments	SDD app - Powertrain - Diesel exhaust fluid level check.jpg (SDD app - Powertrain - Diesel exhaust fluid level check.jpg)

ContentIssue:

A number of technicians have reported low levels of Diesel Exhaust Fluid (DEF) during PDI checks.

Cause:

1. The service menu within the instrument cluster on a new vehicle may display a default value of approximately 12,000 miles as the distance to empty for DEF.

2. The following labels within 'Complete Vehicle Datalogger' section of SDD provide misleading information:

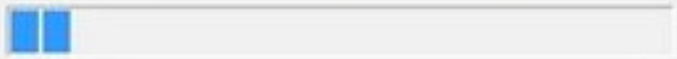
- Diesel Exhaust fluid tank sensor duty cycles - Diesel exhaust fluid tank sensor signal - Level1
- Diesel Exhaust fluid tank sensor duty cycles - Diesel exhaust fluid tank sensor signal - Level2
- Oxides of Nitrogen (NOx) control system - Reagent tank level

Action:

- The distance to empty information relating to the DEF tank takes time to adapt and will not reflect a true range when checked during PDI which displays a default value.
- To make an accurate check of the DEF tank fluid level, make sure SDD is updated to DVD 143.02 or later and run the application within 'Service Functions' named "Powertrain - Diesel exhaust fluid level check". The file attached shows a example screen shot from a car which requires 16.4L of fluid to be added.
- NOTE. The application must be run again to check the level once fluid has been added. It does not automatically update to show the new level.
- Please ignore the complete vehicle datalogger labels listed above in the 'cause' section of this SSM.



Current Fluid Level 1.6L


Empty **Max capacity 18L** **Full**

Fluid Top-Up Quantity
Please fill tank with the
quantity displayed below
Press tick when completed

16.4L

