



Technical Service Bulletin

No.LTB00148

22

May 2008

Subject/Concern: Accidentally Filling Diesel Vehicles with Gasoline
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Models:

Freelander 2	Diesel vehicles Only	Diesel vehicles Only VIN- range: All Onwards
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Markets: All**Section:** 310-00

Summary:

<p>Repair procedure following customer incorrectly fueling a diesel engine vehicle with gasoline.</p> <p>Cause: Customer Error/Mistake.</p> <p>NOTE: If the customer refuses the advised repair or wants a lower level repair than advised, the vehicle must be added to the Restricted Warranty Register.</p> <p>Action: The Service Instruction below describes the two possible scenarios of a customer incorrectly fuelling a diesel engine vehicle with gasoline. When customers report a mis-fuel, allow them to fully explain exactly what took place before advising the necessary repair.</p>

Service Information

NOTE: The cost of this repair work is not Land Rover's responsibility. If the customer does not have all of the appropriate work carried out, warranty may be refused on all affected components.

NOTE: The routines listed below are for guidance only and GTR must be referred to for all detailed procedures and replacement of parts.

- 1 . Vehicle incorrectly fueled and the ignition switch has **not** been turned to the 'on' position:
 - 1 . Referring to the relevant section in the workshop manual, drain the fuel tank.
 - 2 . Remove the fuel tank assembly.
 - 3 . Remove the primary pump/sender module and invert to drain excess fuel.
 - 4 . Remove all traces of residual fuel within the tank using clean absorbent cloth/paper.
 - 5 . Flush the pump/sender module with clean diesel
 - 6 . Reassemble the pump/sender module to fuel tank and install to vehicle.
 - 7 . Fully fill the fuel tank with clean diesel.
 - 8 . Road test the vehicle.
 - 9 . Return vehicle to customer.
- 2 . Vehicle has been driven until it stops:
 - 1 . Referring to the relevant section in the workshop manual, drain the fuel tank.
 - 2 . Remove the fuel tank assembly.
 - 3 . Remove the primary pump/sender module and invert to drain excess fuel.

- 4 . Remove all traces of residual fuel within the tank using clean absorbent cloth/paper.
- 5 . Flush the pump/sender module with clean diesel.
- 6 . Clean and flush all low pressure pipes.
- 7 . Renew the fuel filter.
- 8 . Renew the high pressure fuel pump.
- 9 . Renew all high pressure fuel pipes.
- 10 . Remove the common injector rail and the pressure sensor and replace for new.
- 11 . Renew all four fuel injectors
- 12 . Reassemble the pump/sender module to the fuel tank and install to vehicle
- 13 . The tank must be filled with clean diesel fuel
- 14 . Road test the vehicle for at least ten miles, checking for normal engine operation and that no stored diagnostic trouble codes are logged.
- 15 . Return vehicle to customer.

Vehicle mis-fuelling **will not** result in a formal warranty restriction **if** the approved repair has been completed.

In order for Land Rover to record instances of gasoline being added to diesel derivative vehicles where the approved repair **has not** been carried out, dealers and Importers must complete and return Appendix 1 of this Technical Bulletin to the postal address or E-mail address on the form, or faxed to the following number.

Completed forms should be faxed to:

Warranty Operations

Fax 00 44 (0)1926 649206.

Warranty Restriction Notice For Incorrectly Fueled Vehicles (Gasoline in Diesel Engine Derivatives)

CI Code:	.
VIN:	.
Vehicle registration:	.
Customer Name:	
Customer Address:	
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.	Rectification Actions NOT completed as per customer instruction.
Comments:	
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Post, e-mail or fax this form to;	.

Postal address:	Warranty Operations, 53G/29/4, Land Rover, Banbury Road, Gaydon, Warwick, England, CV35 0RR
E-mail:	gwa@premier-automotive-group.com
Facsimile:	+44 (0) 1926 649206

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