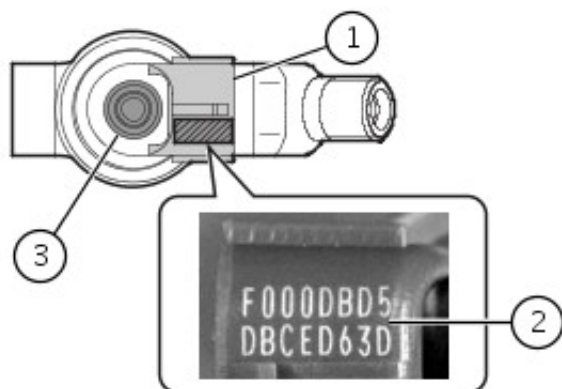


- 2. 8 amps
- 3. 4 amps

At the beginning of an injection process, the solenoid valve is actuated with a higher pick-up current so that it opens quickly. After a short period of time, the pick-up current is reduced to a low holding current.

To ensure optimum fuel metering, the ECM must be informed of a change of injector through the input of a 16-digit identification number. Inside the hydraulic servo system there are various restrictions with extremely small diameters, which have specific manufacturing tolerances. These manufacturing tolerances are given as part of the identification number, which is located on the housing of the fuel injector.



E69913

Item	Part Number	Description
1	-	Solenoid valve
2	-	16-digit identification number
3	-	Connection for leak-off pipe

• NOTE: If the identification numbers are not entered correctly with the approved Land Rover diagnostic equipment, the following faults may occur:

- Increased black smoke formation
- Irregular idling
- Increased combustion noise

Furthermore, once new ECM software has been loaded with the approved Land Rover diagnostic equipment, the fuel injectors must also be configured.

The ECM detects injector faults based on the power consumption of the solenoid valves. In the event of a fuel injector failure, any of the following symptoms may be observed:

- Engine misfire
- Idle faults
- Reduced engine performance
- Reduced fuel economy
- Difficult cold start
- Difficult hot start
- Increased smoke emissions