
LAND ROVER FUEL INJECTION SYSTEMS



Sensor Operation Notes

Resistive Sensors-

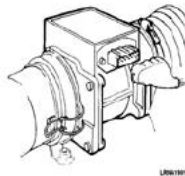
- Uses a voltage supply through the sensor element
- Resistance increases under lean conditions
Resistance decreases under rich conditions

Voltage Generating Sensors-

- Generates voltage (up to 1.1 v) under rich conditions - high voltage measured at sensor
Low or No voltage generated under lean conditions - low voltage measured at sensor

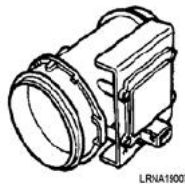
Mass Air Flow Sensor (MAFS)

13CU, 14CU, 14CUX



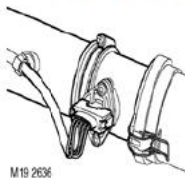
- Hot Wire type
- No additional intake air temperature sensor used

GEMS



- Hot Wire type
- Uses additional intake air temperature sensor

Motronic



- Hot Film type
- Uses additional intake air temperature sensor