

Telephone:
Fax:
VAT Registration No.:

Mass air flow (MAF) sensor

Checking earth connection - [Fig. 12](#)

Technical Data	
Terminals	Resistance
1 & earth	Zero

- Ensure ignition switched OFF.
- Disconnect MAF sensor multi-plug.
- Check resistance between harness multi-plug terminal and earth.

Checking supply voltage - [Fig. 12](#)

Technical Data	
Terminals	LED
5 & earth	ON

- Ensure ignition switched OFF.
- Disconnect MAF sensor multi-plug.
- Connect LED test lamp between harness multi-plug terminal and earth.
- Switch ignition ON.
- Briefly crank engine.
- Check that LED illuminates.

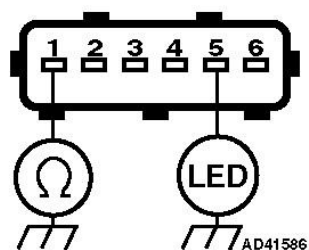
Checking signal - [Fig. 13](#)

Technical Data		
Terminals	Condition	Voltage
1 & 3	Ignition ON	1,3-1,6 V
1 & 3	Engine idling	2,5 V
1 & 3	RPM increasing	3-5 V

- Ensure ignition switched OFF.
- Do not disconnect multi-plug. Access MAF sensor multi-plug terminals.
- Switch ignition ON.
- Check voltage between multi-plug terminals.
- Start engine.
- Allow to idle.
- Check voltage between multi-plug terminals.

- Increase engine speed while checking voltage.

12



13

