

## Throttle position (TP) sensor

### Checking supply voltage - [Fig. 9](#)

Technical Data	
Terminals	Voltage
A & B (1,4)	5 V approx.
1 & 2 (1,6)	5 V approx.

- Ensure ignition switched OFF.
- Disconnect TP sensor multi-plug.
- Switch ignition ON.
- Check voltage between harness multi-plug terminals [Fig. 9](#) [1].

### Checking - [Fig. 9](#)

Technical Data		
Terminals	Condition	Voltage
A & C (1,4)	Throttle closed	0,2 V approx.
A & C (1,4)	Throttle fully open	5 V approx.
1 & 3 (1,6)	Throttle closed	0,2 V approx.
1 & 3 (1,6)	Throttle fully open	5 V approx.

- Ensure ignition switched OFF.
- Do not disconnect multi-plug. Access TP sensor multi-plug terminals.
- Switch ignition ON.
- Check voltage between multi-plug terminals.
- Operate throttle valve while checking voltage between terminals [Fig. 9](#) [2].
- Voltage change should be smooth.

