

System Description

General

The LE/LE2/LU-Jetronic system is a development of the earlier Bosch L-Jetronic fuel injection system. LE is the German designation of the European version of their air flow meter, with LU being the designation of the US version, i.e. a system incorporating a lambda sensor and lambda correction in the control unit.

This system measures the volume of air inducted. The measurements must therefore be corrected to allow for air temperature and a separate air temperature sensor is used to do this. This provides the data required to arrive at the amount of fuel to be injected as determined by the lambda sensor and the corrections it makes in the control unit.

Summary - Car Models

The following car models are equipped with LE/LE2/LU Jetronic:

BMW	CITROËN	VAUXHALL	OPEL
320i	Visa GTi	Astra GT/E & 1.8i	Manta-B GT/E
323i	CX 25	Belmont 1.8i	Rekord 2000i
318i	CX 25 Turbo 2	Cavalier 1800	Rekord 2.2i
518i		Carlton 2000i	Senator 2.5E
520i		Carlton 2.2i	& 3.0E
525i			Monza 3.0E
528i			
628 CSi			
728i			
VOLVO	PEUGEOT	FIAT	LANCIA
360 GLE/GLT	205 GTi 1.6/CTi	Uno Turbo ie	Thema 2000 ie
	205 GTi 1.9	Croma 2000 ie Turbo	Thema Turbo ie
	309 XS/SRi/GTi		Delta HF 4*4
	505 GTi		

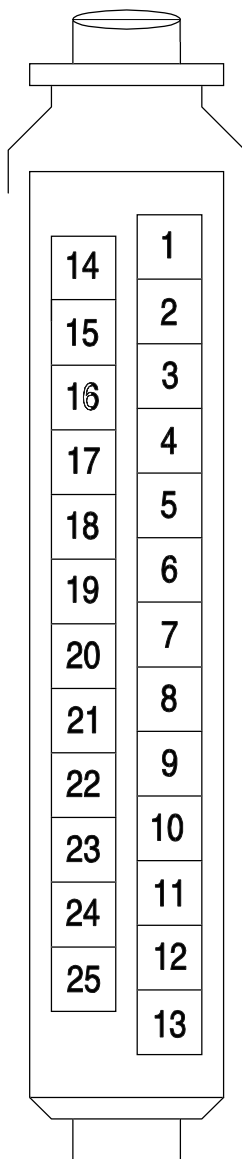
Please check the workshop manual to verify if the actual car is equipped with a system described in this manual.

Interface - Signal Locations

Wiring harness

1. Control signal to ignition coil (terminal 1)
2. Signal from idle switch
3. Signal from full load switch
4. Signal from starter motor
5. Ground
6. Not connected
7. Signal from air flow meter
8. Signal from air temperature sensor
9. Power supply from main relay
10. Signal from coolant temperature sensor
11. Not connected
12. Control signal to injection valves
13. Ground
14. Not connected
15. Control signal to ignition coil (only Citroën)
16. Not connected
17. Not connected
18. Not connected
19. Not connected
20. Signal from lambdasensor
21. Not connected
22. Integrator, signal (only LU-Jetronic)
23. Not connected
24. Control signal to injections valves
25. Ground

Note: The connector is viewed from below.



Wiring Diagram

NOTE! This is an example of a wiring diagram for LE/LE2/LU-Jetronic. Check in the relevant workshop manual for the diagram of the car model you are working on.

