

## Electric circuitry

The complete circuitry of the L-Jetronic has been designed so that it can be connected to the vehicle electrical system at a single point.

At this point, you will find the relay combination which is controlled by the ignition and starting switch, and which switches the vehicle voltage to the control unit and the other Jetronic components.

The relay combination has two separate plug connections, one to the vehicle electrical system and one to the Jetronic.

### Safety circuit

In order to prevent the electric fuel pump from continuing to supply fuel following an accident, it is controlled by means of a safety circuit. When the engine is running, the air passing through the air-flow sensor causes a switch to be operated. This switch controls the relay combina-

tion which in turn switches the electric fuel pump. If the engine stops with the ignition still on, air is no longer drawn in by the engine and the switch interrupts the power supply to the fuel pump. During starting, the relay combination is controlled accordingly by terminal 50 of the ignition and starting switch.

### Terminal diagram

The example shown here is a typical terminal diagram for a vehicle with a 4-cylinder engine. Please note with the wiring harness that terminal 88z of the relay combination is connected directly and without a fuse to the positive pole (terminal post) of the battery in order to avoid trouble and voltage drops caused by contact resistances. Terminals 5, 16 and 17 of the control unit, as well as terminal 49 of the temperature sensor, must be connected with separate cables to a common ground point.

