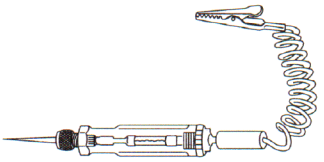
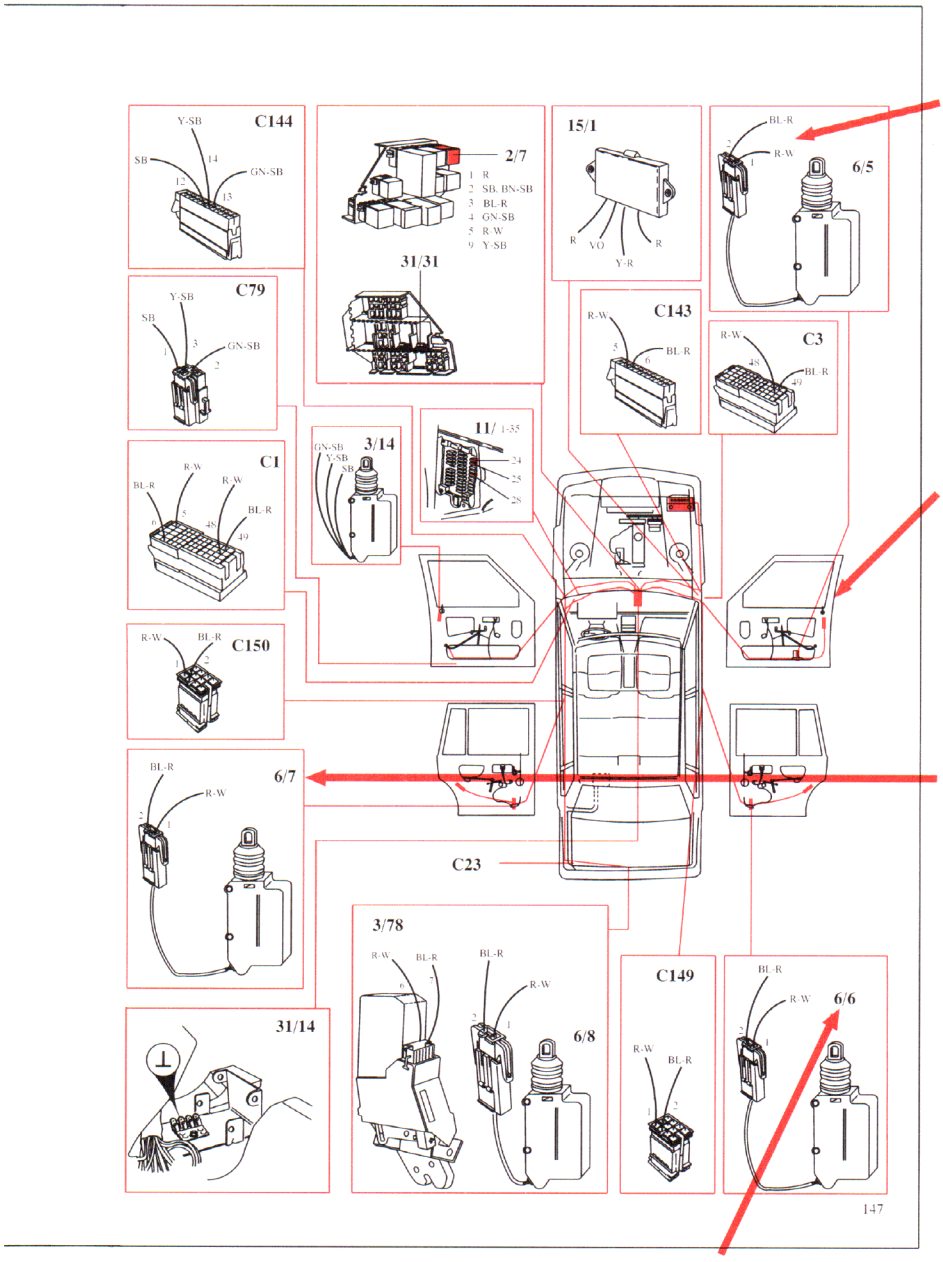
For troubleshooting

Test with a test lamp equipped with a sharp point to penetrate the wire's insulation.



Test lamp



Here you can see how the various wires are connected to each respective component.

You also see where in the car the function's components are located and how the wires are routed.

The component designation consists of a type number and a component number. The type number (in this case 6) indicates which type of component it is, eg a switch, electric motor or sensor, see the list below. The component number (7) indicates which specific component is intended, eg light switch, central lock motor for tailgate or fuel level sensor.

List of type numbers

1	Battery
2	Relay
3	Switch
4	Control module
5	Combined instrument
6	Electric motor
7	Sensor
8	Actuator
9	Heater element
10	Bulb
11	Fuse
15	Distribution rail, current supply
16	Audio
17	Service socket
19	Gauge
20	Ignition component
31	Ground connection
31/31	Ground connection rail in relay box

The component designation allows you to move easily from the component diagrams to the wiring diagram itself