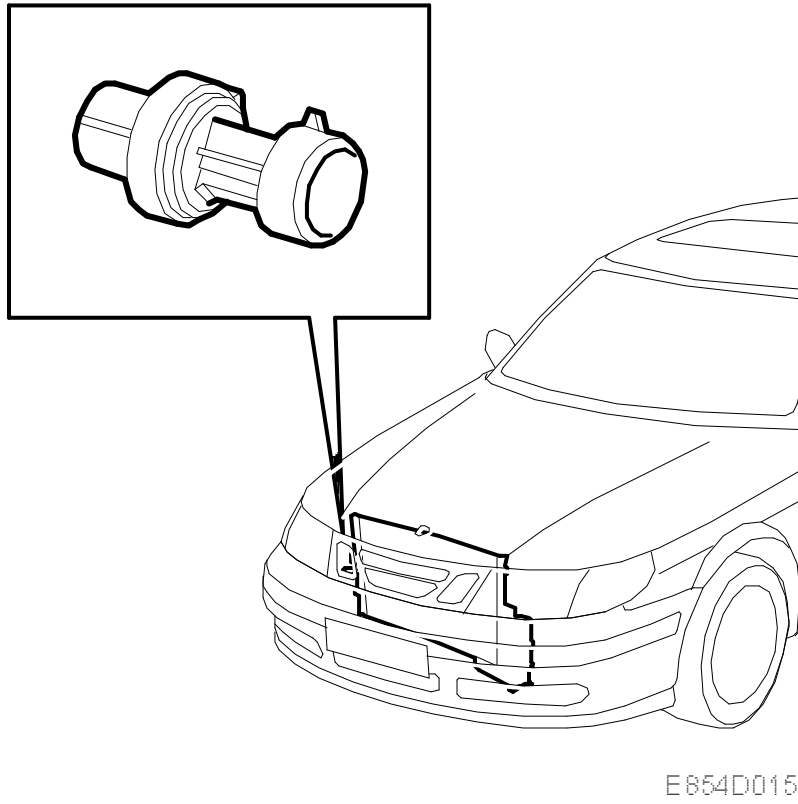
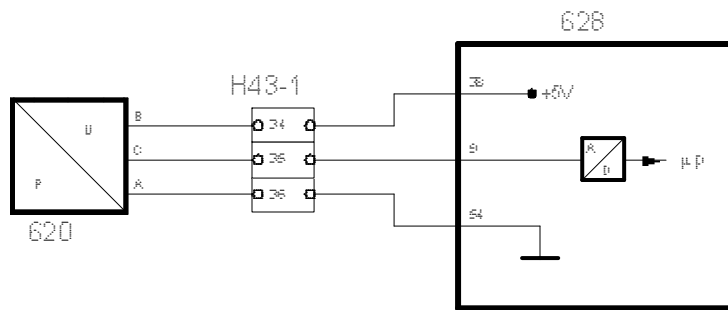


### Pressure sensor





E854D016

The pressure in the A/C system is measured by the pressure sensor fitted to the condenser. The pressure sensor is connected to the DICE. DICE reads the pressure and controls the operation of the compressor and radiator fans as follows:

### Compressor

At low pressure, the A/C compressor disengages at 1.75 bar. Corresponds to ambient temperature approximately 0°C.

At high pressure, the A/C compressor disengages at 28 bar and engages at 26 bar.

### Radiator fans

The radiator fan starts at low speed if the compressor is active and any one of the following is true:

- outside temperature is above 22°C
- car speed is below 38 km/h and A/C pressure is above 9 bar

The radiator fan starts at high speed if the compressor is active and the A/C pressure is above 18 bar.

The pressure sensor is connected to the DICE in the following way:

|               |                                 |
|---------------|---------------------------------|
| Pin 54 (DICE) | Ground, pressure sensor (620) A |
|---------------|---------------------------------|

|               |   |
|---------------|---|
|               |   |
| Pin 38 (DICE) | +5 V power supply, pressure sensor (620) B          |
| Pin 9 (DICE)  | Sensor output, pressure sensor (620) C, 0.25-4.75 V |

**Diagnostics**

If diagnostic trouble code B2360 is generated in DICE for the pressure sensor, the A/C compressor stops/will not start.