



Saab 9-3

Model year 1988 until 1999

All vehicles with automatic transmission

Problems with the automatic transmission

If there are customer complaints that the gear selection does not work properly, such as: "The car changes gear too late or too early", or, "The gear change is very hard", this can have several causes. First, a readout of the fault memory should be taken. The following faults may be stored there:

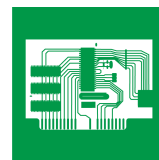
- P0705 – Gear sensor, input signals for gears P/R/N/D/L – Circuit malfunction.
- P0741 – Torque converter lockup clutch solenoid valve, malfunction or constantly active.
- P1830 – Malfunction – gear selection.

These faults can have the following causes:

- P0705 – Missing signal pulses from the gear switch to the transmission control unit.
- P0741 – Interference in the engine control unit arises due to high-voltage fluctuations at the ignition coils.
- P1830 – Transmission fluid level too low.

These faults can be eliminated as follows:

- P0705 – Check both transmission wiring-harness plugs (next to the battery) for corrosion. If the earth



connection is OK, check and, if necessary, replace the gear switch.

- P0741 – Check that the engine and transmission control unit have a perfect connection to earth.
- P1830 – The transmission fluid level must be filled up to “MAX”.