Outputs

The automatic transmission control unit has self-diagnostic capabilities with a permanent fault memory. Stored faults are retained in the memory even if the battery is disconnected. The system's fault memory constantly monitors the input and output signals, and also performs a self-test of the control unit.

The electronic control system for the automatic transmission can be tested by connecting the VAG 1551 diagnostic tester to the yellow diagnostic connector in the driver's foot well.

The tester can then perform the following functions:

- 01 check control unit versions
- 02 check fault memory
- 04 introduction of basic setting
- 05 erase fault memory
- 08 read measuring block value

The function 04 is used to reset the adaptive learning value for the throttle potentiometer to the base value. This is necessary if the potentiometer is replaced or adjusted, or if the control unit is replaced.

Refer to the Repair Manual for more information.

