

Audi > C5 Platform > 1998 - 2005

Electrical Equipment through m.y. 2000

01 - On Board Diagnostic (OBD)

Diagnostic Trouble Code (DTC) table

Instrument cluster

Notes:

- * The following table lists all malfunctions that can be recognized by the instrument cluster and printed out by the VAG1551 scan tool. The malfunctions are listed in order according to their 5-digit numbers.
- * DTC numbers appear only on the print-out.
- * Before replacing a component shown as faulty, check the wiring and connections to the component as well as the Ground (GND) connections => Electrical Wiring Diagrams, Troubleshooting & Component Locations
- * When the repair has been carried out, the DTC memory must always be checked again and then erased using the VAG1551 scan tool.
- * DTC memory records all static and sporadic malfunctions. If a malfunction occurs and persists for at least 2 seconds, it is identified as a static malfunction.
- * In the case of the ambient temperature display, a malfunction must persist for at least 60 seconds before it is classified as a static malfunction.
- * In the case of the coolant temperature sensor, static malfunctions are those which persist for at least 30 minutes with the engine running.
- * If a malfunction does not occur again it is registered as a sporadic DTC and "/SP" will appear at the right of the scan tool display.
- * When the ignition is switched on, all existing malfunctions are automatically re-classified as sporadic malfunctions and will only register as static malfunctions if they still occur after testing.
- * Sporadic malfunctions which no longer occur after 50 driving cycles are erased automatically. For a driving cycle to be recorded the ignition must be on for at least 5 minutes and a road speed of more than 30 km/h (19 mph) must be attained.

DTC	Possible cause	Corrective action
VAG 1551 Scan Tool display		
00667		

<p>Ambient-Temperature Signal</p> <ul style="list-style-type: none"> * Open/Short circuit to B+ * Short circuit to Ground 	<p>Vehicles without air conditioning:</p> <ul style="list-style-type: none"> * Open circuit or short circuit * Outside air temperature sensor -G17- faulty <p>Vehicles with air conditioning:</p> <ul style="list-style-type: none"> * Open circuit or short circuit * A/C control head -E87- faulty 	<p>Vehicles without air conditioning:</p> <ul style="list-style-type: none"> - Trace malfunction => Electrical Wiring Diagrams, Troubleshooting & Component Locations - Replace -G17-. <p>Vehicles with air conditioning:</p> <ul style="list-style-type: none"> - Trace malfunction => Electrical Wiring Diagrams, Troubleshooting & Component Locations - Carry out OBD of air conditioning system => Repair Manual, Heating & Air Conditioning, Repair Group 01
00771		
<p>Fuel Level Sensor-G</p> <ul style="list-style-type: none"> * Open/Short circuit to B+ * Short circuit to Ground 	<ul style="list-style-type: none"> * Open circuit or short circuit between sender for fuel gauge -G- and instrument cluster * Sender for fuel gauge -G- faulty 	<ul style="list-style-type: none"> - Trace malfunction => Electrical Wiring Diagrams, Troubleshooting & Component Locations - Replace sender for fuel gauge -G-.
00779		
<p>Outside Air Temperature Sensor-G17</p> <ul style="list-style-type: none"> * Open/Short circuit to B+ * Short circuit to Ground 	<ul style="list-style-type: none"> * Open circuit or short circuit * Outside air temperature sensor -G17- faulty 	<ul style="list-style-type: none"> - Trace malfunction => Electrical Wiring Diagrams, Troubleshooting & Component Locations - Replace outside air temperature sensor -G17-.

DTC	Possible cause	Corrective action
VAG 1551 Scan Tool display		
01039		
ECT Sensor-G2	* Open circuit or short circuit	- Trace malfunction =>

<ul style="list-style-type: none"> * Open/Short circuit to B+ * Short circuit to Ground (GND) 	<p style="text-align: center;">between Engine Coolant Temperature Sensor (ECT) -G2- and instrument cluster</p> <ul style="list-style-type: none"> * ECT sensor -G2- faulty 	<p style="text-align: center;">Electrical Wiring Diagrams, Troubleshooting & Component Locations</p> <ul style="list-style-type: none"> - Replace ECT sensor -G2-.
65535		
Control Module Malfunctioning	<ul style="list-style-type: none"> * Instrument cluster faulty 	<ul style="list-style-type: none"> - Replace instrument cluster => page 90-2.