

DIAGNOSTIC TROUBLE CODE CHART

HINT:

- If no abnormality is found when the parts are inspected, inspect the suspension control ECU.
- If a malfunction code is displayed during the DTC check, check the circuit listed for that code. For details of each code, refer to the "See page" under respective "DTC No." in the DTC chart.

DTC chart of Air Suspension System:

DTC No.	Detection Item	Trouble Area	OFF Indicator Light	See page
C1711/11	Front Height Control Sensor RH Circuit Malfunction	1. Height control sensor sub-assembly front RH 2. Right front height control sensor circuit 3. Suspension control ECU	Comes on	SC-36
C1712/12	Front Height Control Sensor LH Circuit Malfunction	1. Height control sensor sub-assembly front LH 2. Left front height control sensor circuit 3. Suspension control ECU	Comes on	SC-36
C1713/13	Right Rear Height Control Sensor Circuit	1. Height control sensor sub-assembly rear RH 2. Right rear height control sensor circuit 3. Suspension control ECU	Comes on	SC-36
C1714/14	Left Rear Height Control Sensor Circuit	1. Height control sensor sub-assembly rear LH 2. Left rear height control sensor circuit 3. Suspension control ECU	Comes on	SC-36
C1735/35	Exhaust Solenoid Valve Circuit	1. Exhaust solenoid valve 2. Exhaust solenoid valve circuit 3. Suspension control ECU	Comes on	SC-45
C1737/31	Right Front Height Control Solenoid Valve Circuit	1. Height control solenoid valve front RH 2. Right front height control solenoid valve circuit 3. Suspension control ECU	Comes on	SC-48
C1738/32	Left Front Height Control Solenoid Valve Circuit	1. Height control solenoid valve front LH 2. Left front height control solenoid valve circuit 3. Suspension control ECU	Comes on	SC-48
C1739/33	Right Rear Height Control Solenoid Valve Circuit	1. Height control solenoid valve rear RH 2. Right rear height control solenoid valve circuit 3. Suspension control ECU	Comes on	SC-48

DTC No.	Detection Item	Trouble Area	OFF Indicator Light	See page
C1740/34	Left Rear Height Control Solenoid Valve Circuit	1. Height control solenoid valve rear LH 2. Left rear height control solenoid valve circuit 3. Suspension control ECU	Comes on	SC-48
C1741/41	Air Suspension Relay Circuit	1. AIR SUS relay 2. AIR SUS relay circuit 3. Suspension control ECU	Comes on	SC-54
C1742/42	Height Control Compressor Circuit	1. Height control compressor motor 2. Height control compressor circuit	Comes on	SC-59
C1744/44	Tank Solenoid Valve Circuit	1. Tank solenoid valve 2. Tank solenoid valve circuit 3. Suspension control ECU	Goes off	SC-67
C1751/51 (*1)	Continuous Electric Current to Height Control Compressor	1. Height control compressor motor 2. Height control compressor circuit 3. Each height control sensor link sub-assembly 4. Each height control sensor sub-assembly 5. Relief valve 6. AIR SUS relay comes off 7. Air leakage from the air tube or each valve 8. Clogging in the air tube or each valve 9. Suspension control ECU	Goes off	SC-71
C1761/61	ECU Malfunction	1. Height control sensor sub-assembly power source 2. Suspension control ECU	Comes on	SC-76
C1774/74 (*2)	Power Source Circuit	1. Battery 2. Power source circuit 3. Suspension control ECU	Goes off	SC-79
C1776/76	Speed Sensor Circuit	1. Speed sensor 2. Speed sensor circuit 3. Brake actuator assembly (Skid control ECU) 4. Suspension control ECU	Goes off	SC-84
C1779/79	Crankshaft Position Sensor Circuit	1. Crankshaft position sensor 2. Crankshaft position sensor circuit 3. ECM 4. Suspension control ECU	Goes off	SC-87
C1782/82	Stop Light Switch Circuit	1. Stop light switch assembly 2. Stop light switch circuit 3. Suspension control ECU	-	SC-90

DTC No.	Detection Item	Trouble Area	OFF Indicator Light	See page
C1784/84	Right Rear Speed Sensor Circuit	1. Speed sensor 2. Speed sensor circuit 3. Brake actuator assembly (Skid control ECU)	-	SC-84
C1785/85	Left Rear Speed Sensor Circuit	1. Speed sensor 2. Speed sensor circuit 3. Brake actuator assembly (Skid control ECU)	-	SC-84
C1786/86	Height Control Switch Circuit	1. Height control switch 2. Height control switch circuit 3. Suspension control ECU	-	SC-93
C1788/88	Height Control OFF Switch Circuit	1. Height control OFF switch 2. Height control OFF switch circuit 3. Suspension control ECU	-	SC-96
C1797/97	Crankshaft Position Sensor Circuit	1. Crankshaft position sensor 2. Crankshaft position sensor circuit 3. ECM 4. Suspension control ECU	-	SC-87
C1799/99	Access Mode Switch Circuit	1. Access mode switch 2. Access mode switch circuit 3. Suspension control ECU	-	SC-99

(*1): Code C1751/51 may be output, even through there is no trouble in the system, when the vehicle is fully loaded with passengers and luggage on a bumpy road or stopped, and the air tube freezes over.

(*2): The codes are not memorized after turning the ignition switch off.