056JC–02

DIAGNOSTIC TROUBLE CODE CHART

HINT:

- Using SST 09843–18040, connect terminal TC and CG of DLC3.
- 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 No. (See Page)	Detection Item	Trouble Area	OFF Indicator Lamp*1	Memory*2
C1713/13 (05–598)	Open or short circuit in right rear height control sensor circuit	• Height control sensor sub–assy rear RH • Right rear height control sensor circuit	○*3	○
C1714/14 (05–598)	Open or short circuit in left rear height control sensor circuit	• Height control sensor sub–assy rear LH • Left rear height control sensor circuit	○*3	○
C1715/15 (05–603)	Open or short circuit in right front acceleration sensor circuit	• Acceleration sensor assy front RH • Right front acceleration sensor circuit	X	○
C1716/16 (05–603)	Open or short circuit in left front acceleration sensor circuit	• Suspension control ECU (Acceleration sensor front LH is a built–in equipment)	X	○
C1717/17 (05–603)	Open or short circuit in rear acceleration sensor circuit	• Acceleration sensor rear • Rear acceleration sensor circuit	X	○
C1725/21 (05–609)	Open or short circuit in right front absorber control actuator circuit	• Absorber control actuator front RH • Right front absorber control actuator circuit	X	○
C1726/22 (05–609)	Open or short circuit in left front absorber control actuator circuit	• Absorber control actuator front LH • Left front absorber control actuator circuit	X	○
C1727/23 (05–609)	Open or short circuit in right rear absorber control actuator circuit	• Absorber control actuator rear RH • Right rear absorber control actuator circuit	X	○
C1728/24 (05–609)	Open or short circuit in left rear absorber control actuator circuit	• Absorber control actuator rear LH • Left rear absorber control actuator circuit	X	○
C1733/33 (05–613)	Open or short circuit in gate solenoid valve circuit	• Gate solenoid valve • Gate solenoid valve circuit	○	○
C1734/34 (05–613)	Open or short circuit in leveling solenoid valve circuit	• Leveling solenoid valve • Leveling solenoid valve circuit	○	○
C1735/35 (05–613)	Open or short circuit in exhaust solenoid valve circuit	• Exhaust solenoid valve • Exhaust solenoid valve circuit	○	○
C1741/41 (05–618)	Open or short circuit in AIR SUS relay circuit	• AIR SUS relay • AIR SUS relay circuit	○	○
C1742/42 (05–622)	Lock, open or short circuit in height control compressor circuit	• Height control compressor assy • Height control compressor circuit	○	○
C1744/44 (05–613)	Open or short circuit in tank solenoid valve circuit	• Tank solenoid valve • Tank solenoid valve circuit	X	○
C1751/51*4 (05–627)	Continuous electric current to height control compressor circuit	• Height control compressor assy • Height control compressor circuit • Height control sensor link sub–assy rear • Height control sensor sub–assy rear • Relief valve • AIR SUS relay comes off • Air leakage from the air tube or each valve • Clogging in the air tube or each valve	○	○
C1761/61 (05–630)	ECU malfunction	• Suspension control ECU	○	○
C1774/74 (05–632)	Power voltage drop	• Battery • Power source circuit	X	○

C1776/76 (05–637)	Speed sensor circuit malfunction	• Speed sensor • Speed sensor circuit • Skid control ECU assy	X	○
C1777/77 (05–640)	Open or short circuit in steering angle sensor circuit	• Steering sensor • Steering angle sensor circuit	X	○
C1779/79 (05–643)	Crankshaft position sensor circuit	• Crankshaft position sensor • Crankshaft position sensor circuit • ECM	X	○

HINT:

- *1: For codes with "○" mark in the "Indicator Light" column, the height control OFF indicator light blinks at 1 second intervals.
- *2: The codes with "○" mark in the "Memory" column are stored in the memory even when the ignition switch is OFF, but the codes with "X" mark are not.
- *3: Height control OFF indicator lamp blinks when the vehicle speed is at 3 km/h or higher.
- *4: Since the relief pressure of the compressed air is 980 kPa (10 kgf/cm^2, 142 psi), if the vehicle height control is attempted on a steeply sloping road, when the vehicle is overloaded, or when the vehicle is jacked up with the engine running, code "C1751/51" may be output and the vehicle height control may be suspended (This is not abnormal.). In this case, however, the vehicle height operation is resumed approx. 10 min. after the ignition switch is turned ON after the ECU detects the first error. If ECU detects another error, it takes 70 minutes until the control to be resumed.