DI0VS–06

DIAGNOSTIC TROUBLE CODE CHART

HINT:

- Using SST 09843–18040, connect terminals Tc and CG of the DLC3.
- If any abnormality is not 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, turn to the page mentioned below "DTC No." in the DTC chart.

DTC No. (See Page)	Detection Item	Trouble Area	Indicator Light*1 ( )*2	Memory*3
C1711 / 11 (DI–265)	Open or short circuit in right front height control sensor circuit	• Right front, left front, right rear, left rear height control sensors • Each height control sensor circuit	○ (○)	○
C1712 / 12 (DI–265)	Open or short circuit in left front height control sensor circuit		○ (○)	○
C1713 / 13 (DI–265)	Open or short circuit in right rear height control sensor circuit		○ (○)	○
C1714 / 14 (DI–265)	Open or short circuit in left rear height control sensor circuit		○ (○)	○
C1715 / 15 (DI–271)	Open or short circuit in right front acceleration sensor circuit	• Right front, left front, rear acceleration sensors • Each acceleration sensor circuit	○ (–)	○
C1716 / 16 (DI–271)	Open or short circuit in left front acceleration sensor circuit		○ (–)	○
C1717 / 17 (DI–271)	Open or short circuit in rear acceleration sensor circuit		○ (–)	○
C1725 / 21 (DI–277)	Open or short circuit in right front suspension control actuator circuit	• Right front, left front, right rear, left rear suspension control actuators • Each suspension control actuator circuit	○ (–)	○
C1726 / 22 (DI–277)	Open or short circuit in left front suspension control actuator circuit		○ (–)	○
C1727 / 23 (DI–277)	Open or short circuit in right rear suspension control actuator circuit		○ (–)	○
C1728 / 24 (DI–277)	Open or short circuit in left rear suspension control actuator circuit		○ (–)	○
C1737 / 31 (DI–284)	Open or short circuit in right front height control solenoid valve circuit	• Right front, left front, right rear, left rear height control solenoid valves • Each height control solenoid valve circuit	○ (○)	○
C1739 / 32 (DI–284)	Open or short circuit in left front height control solenoid valve circuit		○ (○)	○
C1739 / 33 (DI–284)	Open or short circuit in right rear height control solenoid valve circuit		○ (○)	○
C1740 / 34 (DI–284)	Open or short circuit in left rear height control solenoid valve circuit		○ (○)	○
C1735 / 35 (DI–284)	Open or short circuit in height control exhaust valve circuit	• Height control exhaust valve • Height control exhaust valve circuit	○ (○)	○
C1741 / 41 (DI–292)	Open or short circuit in AIR SUS relay circuit	• AIR SUS relay • AIR SUS relay circuit	○ (○)	○
C1742 / 42 (DI–298)	Lock, open or short circuit in height control compressor circuit	• Height control compressor • Height control compressor circuit	○ (○)	○

C1751 / 51*4 (DI–305)	Continuous electric current to height control compressor circuit	• Height control compressor • Height control compressor circuit • Height control sensor link • Height control sensor • Relief valve • Height control relay comes off • Air leakage from the air tube or each valve • Clogging in the air tube or each valve	○ (–)	○
C1752 / 52*5 (DI–307)	Continuous electric current to height control exhaust valve	• Height control link • Height control sensor • Clogging in the air tube or each valve	○ (–)	○
C1774 / 74 (DI–308)	Power voltage drop	• Battery • Power source circuit	○ (–)	–
C1776 / 76 (DI–313)	Vehicle speed sensor circuit malfunction	• ABS speed sensor • Vehicle speed sensor circuit • Skid control ECU	○ (–)	○
C1777 / 77 (DI–315)	Open or short circuit in steering angle sensor circuit	• Steering angle sensor • Steering angle sensor circuit	○ (–)	○
C1778 / 78 (DI–318)	Open or short circuit in chassis ECU (skid control ECU) communication circuit malfunction	• Skid control ECU • Chassis ECU communication circuit	○ (–)	–
C1779 / 79 (DI–320)	Engine revolution signal circuit malfunction	• Crankshaft position sensor • Crankshaft position sensor circuit • Engine & ECT ECU	○ (–)	○

*1: For codes in the "Indicator Light" column with a "○" mark, the absorber control indicator light blinks at 1 second intervals.

*2: When a trouble occurs, "HEIGHT HI" is displayed in the multi–information. Also, the master warning light is lit on the combination meter and an alarm sounds.

*3: Codes with the "○" mark in the "Memory" column are stored in memory even when the ignition switch is OFF. For codes with the "–" mark, it does not memory.

*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 height is jacked up with the engine running, code "C1751 / 51" may be output and vehicle height control may be suspended. (This is not abnormal.) In this case, however, when detecting the first error, approx. 10 minutes after the ignition switch was turned ON, vehicle height control is resumed. When the following errors are detected, it takes 70 minutes until the control is resumed.

*5: If vehicle height control is operated while the wheels are removed or the vehicle is jacked up, code "C1752 / 52" may be output, but this is not abnormal. When code "C1752 / 52" is output, the vehicle height control is not carried out. However, the control is resumed if the ignition switch is turned OFF, then ON again.