05IKN–01

DIAGNOSTIC TROUBLE CODE CHART

HINT:
If a malfunction code is displayed during the DTC check, check the circuit indicated by the DTC. For details of each code, turn to the page for the respective "DTC No." in the DTC chart.

DTC chart of ABS:

DTC No. (See page)	Detection Item	Trouble Area
C0200/31 (05–754)	Right front wheel speed sensor signal malfunction	• Right front speed sensor • Speed sensor circuit • Sensor rotor • Sensor installation
C0205/32 (05–754)	Left front wheel speed sensor signal malfunction	• Left front speed sensor • Speed sensor circuit • Sensor rotor • Sensor installation
C0210/33 (05–761)	Right rear wheel speed sensor signal malfunction	• Right rear speed sensor • Speed sensor circuit • Sensor rotor • Sensor installation
C0215/34 (05–761)	Left rear wheel speed sensor signal malfunction	• Left rear speed sensor • Speed sensor circuit • Sensor rotor • Sensor installation
C1235/35 (05–778)	Metal stick to speed sensor (FR)	• Right front speed sensor • Speed sensor circuit • Sensor installation
C1236/36 (05–778)	Metal stick to speed sensor (FL)	• Left front speed sensor • Speed sensor circuit • Sensor installation
C1238/38 (05–778)	Metal stick to speed sensor (RR)	• Right rear speed sensor • Speed sensor circuit • Sensor installation
C1239/39 (05–778)	Metal stick to speed sensor (RL)	• Left rear speed sensor • Speed sensor circuit • Sensor installation
C1243/43 (05–769)	Malfunction in deceleration sensor (constant output)	• Yaw rate (deceleration) sensor • Skid control ECU
C1244/44 (05–769)	Open or short circuit in deceleration sensor circuit	• Yaw rate (deceleration) sensor • Yaw rate (deceleration) sensor installation • Zero point calibration not done • Skid control ECU
C1245/45 (05–769)	Malfunction in deceleration sensor	• Yaw rate (deceleration) sensor • Zero point calibration not done • Skid control ECU
C1381/97 (05–769)	Malfunction in power supply voltage of yaw/deceleration sensor	• Yaw rate (deceleration) sensor circuit • Harness and connector • Skid control ECU

(1) Drive the vehicle at the vehicle speed of 31 mph (50 km/h) and keep depressing the brake pedal strongly for approximately 3 seconds.
(2) Repeat the above operation 3 times or more and check that the ABS warning light goes off.
(3) Clear the DTC (see page 05–738)

HINT:
In some cases, the intelligent tester II cannot be used when ABS warning light remains on.

DTC chart of VSC+:

DTC No. (See page)	Detection Item	Trouble Area
C1210/36 (05–769)	Zero point calibration of yaw rate sensor undone	• Zero point calibration undone (Perform zero point calibration and check DTC. If DTC is not output again, the sensor is normal.)
C1231/31 (05–774)	Malfunction in steering angle sensor	• Steering angle sensor • Skid control ECU
C1232/32 (05–769)	Malfunction in deceleration sensor	• Yaw rate (deceleration) sensor • Skid control ECU
C1234/34 (05–769)	Malfunction in yaw rate sensor	• Yaw rate (deceleration) sensor
C1310/51 (05–820)	Malfunction in HV system	• Hybrid control system (VSC, TRC system)
C1336/39 (05–769)	Zero point calibration of deceleration sensor undone	• Zero point calibration undone (Perform zero point calibration and check DTC. If DTC is not output again, the sensor is normal.)

DTC chart of ECB:

DTC No. (See page)	Detection Item	Trouble Area
C1202/68 (05–766)	Brake fluid level low / Open circuit in brake fluid level warning switch circuit	• Brake fluid level • Brake fluid level warning switch • Harness and connector • Skid control ECU
C1241/41 (05–782)	Low battery positive voltage or abnormally high battery positive voltage	• ABS No.1 relay • ABS No.2 relay • Harness and connector • Skid control power supply circuit • Brake control power supply assy • Hybrid control system
C1242/42 (05–782)	Open circuit in IG2 circuit	• ABS No.1 relay • ABS No.2 relay • Harness and connector • Skid control power supply circuit • Brake control power supply assy • Hybrid control system
C1246/46 (05–791)	Malfunction in master cylinder pressure sensor	• Brake actuator assy • Skid control ECU • Harness and connector
C1247/47 (05–798)	Malfunction in stroke sensor	• Brake pedal stroke sensor • Skid control ECU • Harness and connector

C1249/49 (05–804)	Open circuit in stop light switch circuit	• Stop lamp switch • Stop lamp switch circuit • Stop lamp bulb
C1252/52 (05–810)	Hydro–booster pump motor malfunction	• Brake actuator assy
C1253/53 (05–810)	Hydro–booster pump motor relay malfunction	• ABS MTR relay • ABS MTR2 relay • Harness and connector • Brake actuator assy
C1256/57 (05–818)	Accumulator low pressure malfunction	• Brake actuator assy (accumulator pressure, accumulator pressure sensor, pump motor)
C1259/58 (05–820)	HV system regenerative malfunction	• Hybrid control system
C1300/– (05–821)	Malfunction in ECU	• Skid control ECU
C1311/11 (05–822)	Open circuit in main relay 1	• ABS No.1 relay • Skid control ECU • Harness and connector
C1312/12 (05–822)	Short circuit in main relay 1	• ABS No.1 relay • Skid control ECU • Harness and connector
C1313/13 (05–822)	Open circuit in main relay 2	• ABS No.2 relay • Skid control ECU • Harness and connector
C1314/14 (05–822)	Short circuit in main relay 2	• ABS No.2 relay • Skid control ECU • Harness and connector
C1315/31 (05–830)	Changeover solenoid malfunction(SMC1)	• Brake actuator assy (SMC1) • Skid control ECU • Harness and connector
C1316/32 (05–830)	Changeover solenoid malfunction(SMC2)	• Brake actuator assy (SMC2) • Skid control ECU • Harness and connector
C1319/35 (05–838)	Changeover solenoid malfunction(SCSS)	• Stroke simulator • Skid control ECU • Harness and connector
C1341/62 (05–842)	Malfunction in hydraulic system(FR)	• Fluid leakage • Brake actuator assy • Disc rotor
C1342/63 (05–842)	Malfunction in hydraulic system(FL)	• Fluid leakage • Brake actuator assy • Disc rotor
C1343/64 (05–842)	Malfunction in hydraulic system(RR)	• Fluid leakage • Brake actuator assy • Disc rotor
C1344/65 (05–842)	Malfunction in hydraulic system(RL)	• Fluid leakage • Brake actuator assy • Disc rotor
C1345/66 (05–850)	Not learning linear valve offset abnormality	• Initialization of linear solenoid valve and calibration undone
C1352/21 (05–830)	Increasing pressure solenoid malfunction(FR)	• Brake actuator assy • Skid control ECU • Harness and connector

C1353/23 (05–830)	Increasing pressure solenoid malfunction(FL)	• Brake actuator assy • Skid control ECU • Harness and connector
C1354/25 (05–830)	Increasing pressure solenoid malfunction(RR)	• Brake actuator assy • Skid control ECU • Harness and connector
C1355/27 (05–830)	Increasing pressure solenoid malfunction(RL)	• Brake actuator assy • Skid control ECU • Harness and connector
C1356/22 (05–830)	Decreasing pressure solenoid malfunction(FR)	• Brake actuator assy • Skid control ECU • Harness and connector
C1357/24 (05–830)	Decreasing pressure solenoid malfunction(FL)	• Brake actuator assy • Skid control ECU • Harness and connector
C1358/26 (05–830)	Decreasing pressure solenoid malfunction(RR)	• Brake actuator assy • Skid control ECU • Harness and connector
C1359/28 (05–830)	Decreasing pressure solenoid malfunction(RL)	• Brake actuator assy • Skid control ECU • Harness and connector
C1364/61 (05–791)	Malfunction in W/C pressure sensor	• Brake actuator assy • Skid control ECU • Harness and connector
C1365/54 (05–851)	Malfunction in ACC pressure sensor	• Brake actuator assy (accumulator pressure sensor) • Skid control ECU
C1368/67 (05–850)	Linear valve offset malfunction	• Initialization of linear solenoid valve and calibration undone • Skid control ECU
C1377/43 (05–856)	Capacitor malfunction	• Brake control power supply • Harness and connector • ABS No.1 fuse • ABS No.2 fuse • ABS No.3 fuse • Apply high voltage
C1378/44 (05–863)	Capacitor communication circuit malfunction	• Harness and connector • Skid control ECU
C1391/69 (05–867)	Abnormal leak of ACC PRESS	• Fluid leakage • Brake actuator assy
C1392/48 (05–798)	Un–correction of a zero point of the stroke sensor	• Brake pedal stroke sensor zero point calibration undone (initialization of linear solenoid valve and calibration undone) • Skid control ECU