05NCJ–01

DIAGNOSTIC TROUBLE CODE CHART

HINT:

- If a trouble 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.
- Inspect the fuse and relay before investigating the trouble areas as shown in the table below.

DTC chart of ABS:

DTC No. (See Page)	Detection Item	Trouble Area
C0200/31 (*1) (05–780)	Right front wheel speed sensor signal malfunction	• Right front speed sensor • Each speed sensor circuit • Speed sensor rotor • Sensor installation • Master cylinder solenoid
C0205/32 (*1) (05–780)	Left front wheel speed sensor signal malfunction	• Left front speed sensor • Each speed sensor circuit • Speed sensor rotor • Sensor installation • Master cylinder solenoid
C0210/33 (*1) (05–788)	Right rear wheel speed sensor signal malfunction	• Right rear speed sensor • Each speed sensor circuit • Speed sensor rotor • Sensor installation • Master cylinder solenoid
C0215/34 (*1) (05–788)	Left rear wheel speed sensor signal malfunction	• Left rear speed sensor • Each speed sensor circuit • Speed sensor rotor • Sensor installation • Master cylinder solenoid
C0226/21 (05–797)	Open or short circuit in hydraulic brake booster solenoid circuit (SFR circuit)	• SFRH or SFRR circuit • Master cylinder solenoid
C0236/22 (05–797)	Open or short circuit in hydraulic brake booster solenoid circuit (SFL circuit)	• SFLH or SFLR circuit • Master cylinder solenoid
C0246/23 (05–797)	Open or short circuit in hydraulic brake booster solenoid circuit (SRR circuit)	• SRRH or SRRR circuit • Master cylinder solenoid
C0256/24 (05–797)	Open or short circuit in hydraulic brake booster solenoid circuit (SRL circuit)	• SRLH or SRLR circuit • Master cylinder solenoid
C0278/11 (05–800)	Open or short circuit in ABS solenoid relay circuit	• ABS SOL fuse • ABS solenoid relay • ABS solenoid relay circuit • Master cylinder solenoid
C0279/12 (05–800)	+B short circuit in ABS solenoid relay circuit	• ABS SOL fuse • ABS solenoid relay • ABS solenoid relay circuit • Master cylinder solenoid
C1202/58 (05–804)	Brake fluid level low/Open circuit in brake fluid level warning switch circuit	• Brake fluid level • Brake fluid level warning switch • Brake fluid level warning switch circuit
C1225/25 (05–797)	Open or short in hydraulic brake booster solenoid circuit (SMC (SA1) circuit)	• SMCF circuit • Master cylinder solenoid
C1226/26 (05–797)	Open or short in hydraulic brake booster solenoid circuit (SPC (SA2) circuit)	• SREA circuit • Master cylinder solenoid
C1227/27 (05–797)	Open or short in hydraulic brake booster solenoid circuit (SRC (SA3) circuit)	• SREC circuit • Master cylinder solenoid

DTC No. (See Page)	Detection Item	Trouble Area
C1228/28 (05–797)	Open or short in hydraulic brake solenoid circuit (STR circuit)	• STR circuit • Master cylinder solenoid
C1235/35 (05–780)	Metal stick to speed sensor (FR)	• Right front speed sensor • Speed sensor rotor • Sensor installation • Master cylinder solenoid
C1236/36 (05–780)	Metal stick to speed sensor (FL)	• Left front speed sensor • Speed sensor rotor • Sensor installation • Master cylinder solenoid
C1238/38 (05–788)	Metal stick to speed sensor (RR)	• Right rear speed sensor • Speed sensor rotor • Sensor installation • Master cylinder solenoid
C1239/39 (05–788)	Metal stick to speed sensor (RL)	• Left rear speed sensor • Speed sensor rotor • Sensor installation • Master cylinder solenoid
C1241/41 (05–821)	Low battery positive voltage or abnormally high battery positive voltage	• Battery • ECU–IG fuse • Charging system • Power source circuit
C1242/42 (05–825)	Open circuit in IG2 circuit	• Battery • IGN fuse • IC regulator • Power source circuit
C1243/43 (*1) (05–817)	Malfunction in deceleration sensor (constant output)	• Yaw rate and deceleration sensor • Yaw rate and deceleration sensor circuit • CAN communication system
C1244/44 (05–817)	Open or short circuit in deceleration sensor circuit	• Yaw rate and deceleration sensor • Yaw rate and deceleration sensor circuit • CAN communication system
C1245/45 (*1) (05–817)	Malfunction in deceleration sensor	• Yaw rate and deceleration sensor • Yaw rate and deceleration sensor circuit • CAN communication system
C1246/46 (05–828)	Malfunction in master cylinder pressure sensor	• Master cylinder pressure sensor • Master cylinder pressure sensor circuit • Master cylinder solenoid
C1249/49 (05–831)	Open circuit in stop light switch circuit	• Stop light switch • Stop light switch circuit • Rear combination lamp (stop light) assy
C1251/51 (*1, 3) (05–836)	Pump motor is locked/Open circuit in pump motor ground	Hydraulic brake booster pump motor circuit
C1252/52 (*2, 3) (05–838)	Hydro–booster pump motor malfunction	• Hydraulic brake booster pump motor • Hydraulic brake booster pump motor circuit • Accumulator pressure sensor
C1253/53 (*2) (05–841)	Hydro–booster pump motor relay malfunction	• Hydraulic brake booster pump motor • Hydraulic brake booster pump motor circuit
C1254/54 (05–844)	Pressure sensor or switch malfunction	• Hydraulic brake booster • Accumulator pressure sensor • Master cylinder pressure sensor

DTC No. (See Page)	Detection Item	Trouble Area
C1256/56 (*2, 3) (05–847)	Accumulator low pressure malfunction	• Hydraulic brake booster • Hydraulic brake booster pump motor • Hydraulic brake booster pump motor circuit • Accumulator pressure sensor
C1257/57 (*2) (05–849)	Power supply drive circuit malfunction	Hydraulic brake booster pump motor circuit
C1268/68 (05–850)	L4 signal pickup malfunction	• Transfer indicator (L4) switch • Transfer indicator (L4) switch circuit
C1337/37 (05–856)	Different diameter tire malfunction	• Tire size • Speed sensor • Speed sensor rotor • Speed sensor circuit
C1381/97 (05–817)	Malfunction in power supply voltage of yaw/deceleration sensor	• Yaw rate and deceleration sensor • Yaw rate and deceleration sensor power source circuit • CAN communication system
U0073/94 (05–1433)	Control module communication bus off	Wire harness
U0124/95 (05–1433)	Lost communication with lateral acceleration sensor module	• Wire harness • Yaw rate and deceleration sensor

(*1), (*2):
Even after the trouble areas are repaired, the ABS warning light will not go off unless the following operations are performed.

- (*1):
  (1) Drive the vehicle at 12 mph (20 km/h) for 30 seconds or more and check that the ABS warning light goes off.
  (2) Clear the DTC (see page 05–766).
- (*2):
  (1) Keep the vehicle in a stationary condition for 5 seconds or more and depress the brake pedal lightly 2 or 3 times.
  (2) Repeat the above operations 3 times or more and check that the ABS warning light goes off.
  (3) Clear the DTC (see page 05–766).

HINT:

- In some cases, the intelligent tester II cannot be used when the ABS warning light remains on.
- When U0073/94, U0100/65, U0123/62, U0124/95 or U0126/63 is output, inspect and repair the trouble areas indicated by these codes first.

(*3): The skid control buzzer sounds.

DTC chart of VSC:

DTC No. (See Page)	Detection Item	Trouble Area
C1201/51 (05–803)	Engine control system malfunction	Engine control system
C1202/52 (05–804)	Brake fluid level low/Open circuit in brake fluid level warning switch circuit	• Brake fluid level • Brake fluid level warning switch • Brake fluid level warning switch circuit
C1203/53 (05–807)	Engine control system communication circuit malfunction	ECM

DTC No. (See Page)	Detection Item	Trouble Area
C1210/36 (05–808)	Zero point calibration of yaw rate sensor undone	• Yaw rate and deceleration sensor • Zero point calibration undone • Park/Neutral position switch (P position) circuit (Automatic Transaxle) • Parking brake switch circuit (Manual Transaxle)
C1223/43 (05–812)	Malfunction in ABS control system	ABS control system
C1231/31 (05–813)	Malfunction in steering angle sensor	• Steering angle sensor • Steering angle sensor circuit • Steering angle sensor power supply • CAN communication system
C1232/32 (05–817)	Malfunction in deceleration sensor	• Yaw rate and deceleration sensor • Yaw rate and deceleration sensor circuit • CAN communication system
C1234/34 (05–817)	Malfunction in yaw rate sensor	• Yaw rate and deceleration sensor • Yaw rate and deceleration sensor circuit • CAN communication system
C1290/66 (05–813)	Malfunction in zero point of steering sensor	Steering angle sensor
C1336/39 (05–808)	Zero point calibration of deceleration sensor undone	• Yaw rate and deceleration sensor • Zero point calibration undone • Park/Neutral position switch (P position) circuit (Automatic Transaxle) • Parking brake switch circuit (Manual Transaxle)
C1340/47 (05–858)	Open circuit in center differential lock signal (during center differential lock ON)	• Center diff. lock switch • Center diff. lock switch circuit • 4WD control ECU
C1380/64 (05–862)	Malfunction in stop light relay system	• Stop light operation relay • Stop light operation relay circuit
U0100/65 (05–1433)	Lost communication with ECM/PCM "A"	Wire harness
U0123/62 (05–1433)	Lost communication with yaw rate sensor module	• Wire harness • Yaw rate and deceleration sensor
U0126/63 (05–1433)	Lost communication with steering angle sensor module	• Wire harness • Steering angle sensor

HINT:

In some cases, the intelligent tester II cannot be used when the VSC TRC warning light remains on.