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, refer to the "See page" in the DTC chart.

DTC chart of ABS:

DTC Code	Detection Item	Trouble Area	See page
C0200/31*1	Front Speed Sensor RH Circuit	1. Right front speed sensor 2. Right speed sensor circuit 3. Sensor rotor 4. Sensor installation	BC-107
C0205/32*1	Front Speed Sensor LH Circuit	1. Left front speed sensor 2. Left speed sensor circuit 3. Sensor rotor 4. Sensor installation	BC-107
C0210/33*1	Rear Speed Sensor RH Circuit	1. Right rear speed sensor 2. Right speed sensor circuit 3. Sensor rotor 4. Sensor installation	BC-114
C0215/34*1	Rear Speed Sensor LH Circuit	1. Left rear speed sensor 2. Left speed sensor circuit 3. Sensor rotor 4. Sensor installation	BC-114
C0226/21	SFR Solenoid Circuit	1. ABS and TRACTION actuator 2. SFRH or SFRR circuit	BC-121
C0236/22	SFL Solenoid Circuit	1. ABS and TRACTION actuator 2. SFLH or SFLR circuit	BC-121
C0246/23	SRR Solenoid Circuit	1. ABS and TRACTION actuator 2. SRRH or SRRR circuit	BC-121
C0256/24	SRL Solenoid Circuit	1. ABS and TRACTION actuator 2. SRLH or SRLR circuit	BC-121
C0273/13*1	Open in ABS Motor Relay Circuit	1. ABS No. 2 fuse 2. ABS MTR relay 3. ABS MTR relay circuit 4. ABS R/B	BC-124
C0274/14	Short to B+ in ABS Motor Relay Circuit	1. ABS No. 2 fuse 2. ABS MTR relay 3. ABS MTR relay circuit 4. ABS R/B	BC-124
C0278/11	Open in ABS Solenoid Relay Circuit	1. ABS No. 1 fuse 2. ABS solenoid relay 3. ABS solenoid relay circuit 4. ABS and TRACTION actuator	BC-129
C0279/12	Short to B+ in ABS Solenoid Relay Circuit	1. ABS No. 1 fuse 2. ABS solenoid relay 3. ABS solenoid relay circuit 4. ABS and TRACTION actuator	BC-129
C1225/25	SM Solenoid Circuit	1. SMF or SMR circuit 2. ABS and TRACTION actuator	BC-121
C1235/35	Foreign Object is Attached on Tip of Front Speed Sensor RH	1. Right front speed sensor 2. Speed sensor circuit 3. Sensor installation	BC-107
C1236/36	Foreign Object is Attached on Tip of Front Speed Sensor LH	1. Left front speed sensor 2. Speed sensor circuit 3. Sensor installation	BC-107
C1238/38	Foreign Object is Attached on Tip of Rear Speed Sensor RH	1. Right rear speed sensor 2. Speed sensor circuit 3. Sensor installation	BC-114
C1239/39	Foreign Object is Attached on Tip of Rear Speed Sensor LH	1. Left rear speed sensor 2. Speed sensor circuit 3. Sensor installation	BC-114

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DTC Code	Detection Item	Trouble Area	See page
C1241/41	Low Battery Positive Voltage	1. Battery 2. Charging system 3. Power source circuit	BC-147
C1243/43*1	Acceleration Sensor Stuck Malfunction	1. Yaw rate and acceleration sensor 2. Yaw rate and acceleration sensor circuit 3. CAN communication circuit	BC-144
C1244/44	Open or Short in Acceleration Sensor Circuit	1. Yaw rate and acceleration sensor 2. Yaw rate and acceleration sensor circuit 3. CAN communication circuit	BC-144
C1245/45*1	Acceleration Sensor Output Malfunction	1. Yaw rate and acceleration sensor 2. Yaw rate and acceleration sensor circuit 3. CAN communication circuit	BC-144
C1246/46*2	Master Cylinder Pressure Sensor Malfunction	1. Master cylinder pressure sensor 2. Master cylinder pressure sensor circuit	BC-150
C1249/49	Open in Stop Light Switch Circuit	1. Stop light switch 2. Stop light switch circuit	BC-153
C1251/51*1	Open in Pump Motor Circuit	1. ABS and TRACTION actuator 2. ABS and TRACTION actuator circuit	BC-156
C1361/91	Short Circuit in ABS Motor Fail Safe Relay Circuit	1. ABS No. 2 fuse 2. ABS MTR CUT relay 3. ABS MTR CUT relay circuit 4. ABS R/B	BC-124
C1381/97	Yaw Rate and / or Acceleration Sensor Power Supply Voltage Malfunction	1. Yaw rate and acceleration sensor 2. Yaw rate and acceleration sensor power source circuit 3. CAN communication circuit	BC-144
U0073/94	Control Module Communication Bus OFF	1. Wire harness 2. Skid control ECU	BC-160
U0124/95	Lost Communication with Lateral Acceleration Sensor Module	1. Wire harness 2. Yaw rate and acceleration sensor	BC-160

*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.
– *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) Drive the vehicle at a speed of 31 mph (50 km/h). Then depress the brake pedal strongly for about 3 seconds.
  (3) Repeat the above operations 3 times or more and check that the ABS warning light goes off.
  (4) Clear the DTC.

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

DTC chart of VSC:

DTC Code	Detection Item	Trouble Area	See page
C1201/51	Engine Control System Malfunction	Engine control system	BC-133
C1203/53	ECM Communication Circuit Malfunction	1. TRC+ or TRC- circuit 2. ENG+ or ENG- circuit 3. ECM	BC-134
C1210/36	Zero Point Calibration of Yaw Rate Sensor Undone	1. Yaw rate and acceleration sensor 2. Zero point calibration undone	BC-136
C1223/43	ABS Control System Malfunction	ABS control system	BC-138
C1224/44	NE Signal Circuit	1. NEO circuit 2. ECM 3. Skid control ECU	BC-139
C1231/31	Steering Angle Sensor Circuit Malfunction	1. Steering angle sensor 2. Steering angle sensor circuit 3. CAN communication system	BC-142
C1232/32	Stuck in Acceleration Sensor	1. Yaw rate and acceleration sensor 2. Yaw rate and acceleration sensor circuit 3. CAN communication circuit	BC-144
C1234/34	Yaw Rate Sensor Malfunction	1. Yaw rate and acceleration sensor 2. Yaw rate and acceleration sensor circuit 3. CAN communication circuit	BC-144
C1336/39	Zero Point Calibration of Acceleration Sensor Undone	1. Yaw rate and acceleration sensor 2. Zero point calibration undone	BC-136
U0100/65	Lost Communication with ECM / PCM	1. Wire harness 2. ECM	BC-160
U0123/62	Lost Communication with Yaw Rate Sensor Module	1. Wire harness 2. Yaw rate acceleration sensor	BC-160
U0126/63	Lost Communication with Steering Angle Sensor Module	1. Wire harness 2. Steering angle sensor	BC-160

Test mode DTC of ABS:

DTC Code	Detection Item	Trouble Area	See page
C1271/71	Low Output Signal of Front Speed Sensor RH (Test Mode DTC)	1. Front speed sensor RH 2. Sensor installation 3. Sensor rotor	BC-107
C1272/72	Low Output Signal of Front Speed Sensor LH (Test Mode DTC)	1. Front speed sensor LH 2. Sensor installation 3. Sensor rotor	BC-107
C1273/73	Low Output Signal of Rear Speed Sensor RH (Test Mode DTC)	1. Rear speed sensor RH 2. Sensor installation 3. Sensor rotor	BC-114
C1274/74	Low Output Signal of Rear Speed Sensor LH (Test Mode DTC)	1. Rear speed sensor LH 2. Sensor installation 3. Sensor rotor	BC-114
C1275/75	Abnormal Change in Output Signal of Front Speed Sensor RH (Test Mode DTC)	Front sensor rotor RH	BC-107

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DTC Code	Detection Item	Trouble Area	See page
C1276/76	Abnormal Change in Output Signal of Front Speed Sensor LH (Test Mode DTC)	Front speed sensor rotor LH	BC-107
C1277/77	Abnormal Change in Output Signal of Rear Speed Sensor RH (Test Mode DTC)	Rear sensor rotor RH	BC-114
C1278/78	Abnormal Change in Output Signal of Rear Speed Sensor LH (Test Mode DTC)	Rear speed sensor rotor LH	BC-114
C1279/79	Acceleration Sensor Output Voltage Malfunction (Test Mode DTC)	1. Yaw rate and acceleration sensor 2. Sensor installation	BC-144
C1281/81	Master Cylinder Pressure Sensor Output Malfunction (Test Mode DTC)	Master cylinder pressure sensor	BC-150

Test mode DTC of VSC:

DTC Code	Detection Item	Trouble Area	See page
C0371/71	Yaw Rate Sensor (Test Mode DTC)	Yaw rate sensor	BC-144

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

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