

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 respective "DTC No." in the DTC chart.

DTC chart of ABS

DTC No.	Detection Item	INF Code	Trouble Area	See page
C0200/31	Front Speed Sensor RH Circuit	251 252 253 254 256 257 258 259 260 261 262	- Right front speed sensor - Speed sensor circuit - Sensor rotor - Sensor installation	BC-54
C0205/32	Front Speed Sensor LH Circuit	264 265 266 267 268 269 270 271 272 273 274 275	- Left front speed sensor - Speed sensor circuit - Sensor rotor - Sensor installation	BC-54
C0210/33	Rear Speed Sensor RH Circuit	277 278 279 280 281 282 283 284 285 286 287 288	- Right rear speed sensor - Speed sensor circuit - Sensor rotor - Sensor installation	BC-61
C0215/34	Rear Speed Sensor LH Circuit	290 291 292 293 294 295 296 297 298 299 300 301	- Left rear speed sensor - Speed sensor circuit - Sensor rotor - Sensor installation	BC-61
C1235/35	Foreign Object is Attached on Tip of Front Speed Sensor RH	302	- Right front speed sensor - Speed sensor circuit - Sensor installation	BC-79
C1236/36	Foreign Object is Attached on Tip of Front Speed Sensor LH	303	- Left front speed sensor - Speed sensor circuit - Sensor installation	BC-79
C1238/38	Foreign Object is Attached on Tip of Rear Speed Sensor RH	304	- Right rear speed sensor - Speed sensor circuit - Sensor installation	BC-79

DTC No.	Detection Item	INF Code	Trouble Area	See page
C1239/39	Foreign Object is Attached on Tip of Rear Speed Sensor LH	305	- Left rear speed sensor - Speed sensor circuit - Sensor installation	BC-79
C1243/43	Acceleration Sensor Stuck Malfunction	317	- Yaw rate (deceleration) sensor - Skid control ECU	BC-70
C1244/44	Open or Short in Acceleration Sensor Circuit	314	- Yaw rate (deceleration) sensor - Yaw rate (deceleration) sensor installation - Zero point calibration not done - Skid control ECU	BC-70
C1245/45	Acceleration Sensor Output Malfunction	313	- Yaw rate (deceleration) sensor - Zero point calibration not done - Skid control ECU	BC-70
C1381/97	Yaw Rate and / or Acceleration Sensor Power Supply Voltage Malfunction	315	- Yaw rate (deceleration) sensor circuit - Harness and connector - Skid control ECU	BC-70

1. Drive the vehicle at the vehicle speed of (50 km/h) 31 mph 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.

HINT:

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

DTC chart of Enhanced VSC

DTC No.	Detection Item	INF Code	Trouble Area	See page
C1210/36	Zero Point Calibration of Yaw Rate Sensor Undone	336	- Zero point calibration undone (Perform zero point calibration and check DTC. If DTC is not output again, the sensor is normal.)	BC-70
C1231/31	Steering Angle Sensor Circuit Malfunction	341 342 343 344 345 346 347 348 349	- Steering angle sensor - Skid control ECU	BC-75
C1232/32	Stuck in Acceleration Sensor	311 312	- Yaw rate (deceleration) sensor - Skid control ECU	BC-70
C1234/34	Yaw Rate Sensor Malfunction	331 332 333 334 335 337	- Yaw rate (deceleration) sensor	BC-70
C1310/51	Malfunction in HV system	156	- Hybrid control system (Enhanced VSC, TRAC system)	BC-119

DTC No.	Detection Item	INF Code	Trouble Area	See page
C1336/39	Zero Point Calibration of Acceleration Sensor Undone	318	- Zero point calibration undone (Perform zero point calibration and check DTC. If DTC is not output again, the sensor is normal.)	BC-70

DTC chart of ECB

DTC No.	Detection Item	INF Code	Trouble Area	See page
C1202/68	Master Reservoir Level Malfunction	511 512	- Brake fluid level - Brake fluid level warning switch - Harness and connector - Skid control ECU	BC-66
C1203/95	ECM Communication Circuit Malfunction	-	- Skid control ECU	BC-69
C1241/41	Low Battery Positive Voltage or Abnormally High Battery Positive Voltage	81 82 83 84	- ABS NO. 1 relay - ABS NO. 2 relay - Harness and connector - Skid control power supply circuit - Brake control power supply assembly - Hybrid control system	BC-84
C1242/42	Open in IG1 / IG2 Power Source Circuit	87 88	- ABS NO. 1 relay - ABS NO. 2 relay - Harness and connector - Skid control power supply circuit - Brake control power supply assembly - Hybrid control system	BC-84
C1246/46	Master Cylinder Pressure Sensor Malfunction	191 192 194 195 197 198 199 200 201 202 205	- Brake actuator assembly - Skid control ECU - Harness and connector	BC-92
C1247/47	Stroke Sensor Malfunction	171 172 173 174 175 176 177 179 180	- Brake pedal stroke sensor - Skid control ECU - Harness and connector	BC-99
C1249/49	Open in Stop Light Switch Circuit	520	- Stop light switch - Stop light switch control - Stop light bulb	BC-104
C1252/52	Brake Booster Pump Motor on Time Abnormally Long	130	- Brake actuator assembly	BC-109
C1253/53	Hydro Booster Pump Motor Relay Malfunction	132 133 134 136 137 138 140	- ABS MTR relay - ABS MTR 2 relay - Harness and connector - Brake actuator assembly	BC-109

DTC No.	Detection Item	INF Code	Trouble Area	See page
C1256/57	Accumulator Low Pressure	141 143	- Brake actuator assembly (accumulator pressure, accumulator pressure sensor, pump motor)	BC-117
C1259/58	HV System Regenerative Malfunction	150	- Hybrid control system	BC-119
C1300	Skid Control ECU Malfunction	-	- Skid control ECU	BC-121
C1311/11	Open in Main Relay 1 Circuit	1	- ABS NO. 1 relay - Skid control ECU - Harness and connector	BC-122
C1312/12	Short in Main Relay 1 Circuit	3	- ABS NO. 1 relay - Skid control ECU - Harness and connector	BC-122
C1313/13	Open in Main Relay 2 Circuit	4	- ABS NO. 2 relay - Skid control ECU - Harness and connector	BC-122
C1314/14	Short in Main Relay 2 Circuit	6	- ABS NO. 2 relay - Skid control ECU - Harness and connector	BC-122
C1315/31	SMC1 Changeover Solenoid Malfunction	61 62 63 64	- Brake actuator assembly (SMC1) - Skid control ECU - Harness and connector	BC-129
C1316/32	SMC2 Changeover Solenoid Malfunction	66 67 68 69	- Brake actuator assembly (SMC2) - Skid control ECU - Harness and connector	BC-129
C1319/35	SCSS Changeover Solenoid Malfunction	71 72 73 74	- Stroke simulator - Skid control ECU - Harness and connector	BC-137
C1341/62	Front Hydraulic System RH Malfunction	551 552 553 554 555	- Fluid leakage - Brake actuator assembly - Disc rotor	BC-141
C1342/63	Front Hydraulic System LH Malfunction	561 562 563 564 565	- Fluid leakage - Brake actuator assembly - Disc rotor	BC-141
C1343/64	Rear Hydraulic System RH Malfunction	571 572 573 574 575	- Fluid leakage - Brake actuator assembly - Disc rotor	BC-141
C1344/65	Rear Hydraulic System LH Malfunction	581 582 583 584 585	- Fluid leakage - Brake actuator assembly - Disc rotor	BC-141
C1345/66	Linear Solenoid Valve Offset Learning Undone	501 502 503 504	- Initialization of linear solenoid valve and calibration undone	BC-149
C1352/21	Front Increasing Pressure Solenoid RH Malfunction	11 12 13 14	- Brake actuator assembly - Skid control ECU - Harness and connector	BC-129

DTC No.	Detection Item	INF Code	Trouble Area	See page
C1353/23	Front Increasing Pressure Solenoid LH Malfunction	21 22 23 24	- Brake actuator assembly - Skid control ECU - Harness and connector	BC-129
C1354/25	Rear Increasing Pressure Solenoid RH Malfunction	31 32 33 34	- Brake actuator assembly - Skid control ECU - Harness and connector	BC-129
C1355/27	Rear Increasing Pressure Solenoid LH Malfunction	41 42 43 44	- Brake actuator assembly - Skid control ECU - Harness and connector	BC-129
C1356/22	Front Decreasing Pressure Solenoid RH Malfunction	16 17 18 19	- Brake actuator assembly - Skid control ECU - Harness and connector	BC-129
C1357/24	Front Decreasing Pressure Solenoid LH Malfunction	26 27 28 29	- Brake actuator assembly - Skid control ECU - Harness and connector	BC-129
C1358/26	Rear Decreasing Pressure Solenoid RH Malfunction	36 37 38 39	- Brake actuator assembly - Skid control ECU - Harness and connector	BC-129
C1359/28	Rear Decreasing Pressure Solenoid LH Malfunction	46 47 48 49	- Brake actuator assembly - Skid control ECU - Harness and connector	BC-129
C1364/61	Wheel Cylinder Pressure Sensor Malfunction	221 222 224 225 226 227 228 230 231 232 233 234 236 237 238 239 240 242 243 244	- Brake actuator assembly - Skid control ECU - Harness and connector	BC-92
C1365/54	Accumulator Pressure Sensor Malfunction	211 212 214 215 216	- Brake actuator assembly (accumulator pressure sensor) - Skid control ECU	BC-150
C1368/67	Linear Solenoid Valve Offset Malfunction	505	- Initialization of linear solenoid valve and calibration undone - Skid control ECU	BC-149

DTC No.	Detection Item	INF Code	Trouble Area	See page
C1377/43	Capacitor Malfunction	101 102 103 105 106 108 109 110 113	- Brake control power supply - Harness and connector - ABS MAIN1 fuse - ABS MAIN2 fuse - ABS MAIN3 fuse - Apply high voltage	BC-154
C1378/44	Capacitor Communication Malfunction	112	- Harness and connector - Skid control ECU	BC-160
C1391/69	Accumulator Leak Malfunction	591	- Fluid leakage - Brake actuator assembly	BC-164
C1392/48	Stroke Sensor Zero Point Calibration Undone	-	- Brake pedal stroke sensor zero point calibration undone (initialization of linear solenoid valve and calibration undone) - Skid control ECU	BC-99

DTC of test mode

DTC No.	Detection Item	INF Code	Trouble Area	See page
C0371/71	Yaw Rate Sensor (Test Mode DTC)		Yaw rate sensor (Deceleration sensor)	BC-70
C1271/71	Low Output Signal of Front Speed Sensor RH (Test Mode DTC)		- Right front speed sensor - Speed sensor circuit - Sensor installation - Sensor rotor	BC-54
C1272/72	Low Output Signal of Front Speed Sensor LH (Test Mode DTC)		- Left front speed sensor - Speed sensor circuit - Sensor installation - Sensor rotor	BC-54
C1273/73	Low Output Signal of Rear Speed Sensor RH (Test Mode DTC)		- Right rear speed sensor - Speed sensor circuit - Sensor installation - Sensor rotor	BC-61
C1274/74	Low Output Signal of Rear Speed Sensor LH (Test Mode DTC)		- Left rear speed sensor - Speed sensor circuit - Sensor installation - Sensor rotor	BC-61
C1275/75	Abnormal Change in Output Signal of Front Speed Sensor RH (Test Mode DTC)		- Right front speed sensor - Speed sensor circuit - Sensor installation	BC-79
C1276/76	Abnormal Change in Output Signal of Front Speed Sensor LH (Test Mode DTC)		- Left front speed sensor - Speed sensor circuit - Sensor installation	BC-79
C1277/77	Abnormal Change in Output Signal of Rear Speed Sensor RH (Test Mode DTC)		- Right rear speed sensor - Speed sensor circuit - Sensor installation	BC-79
C1278/78	Abnormal Change in Output Signal of Rear Speed Sensor LH (Test Mode DTC)		- Left rear speed sensor - Speed sensor circuit - Sensor installation	BC-79
C1279/79	Acceleration Sensor Output Voltage Malfunction (Test Mode DTC)		- Yaw rate (deceleration) sensor - Yaw rate (deceleration) sensor circuit	BC-70

DTC No.	Detection Item	INF Code	Trouble Area	See page
C1281/81	Master Cylinder Pressure Sensor Output Malfunction (Test Mode DTC)		- Brake actuator assembly - Skid control ECU	BC-92

HINT:

The codes in this table are output only in test mode.