

PROBLEM SYMPTOMS TABLE

HINT:

- Use the table below to help determine the cause of the problem symptom. The potential causes of the symptoms are listed in order of probability in the "Suspected area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.
- Inspect the fuses and relays related to this system before inspecting the suspected areas below.

NOTICE:

When replacing the ABS and TRACTION actuator or sensor, turn the ignition switch OFF.

Vehicle stability control system

| Symptom | Suspected area | See page |
|---|---|----------|
| ABS, BA and/or EBD does not operate | 1. Check for DTCs again and make sure that normal system code displayed | BC-47 |
| | 2. IG power source circuit | BC-99 |
| | 3. Front speed sensor circuit | BC-62 |
| | 4. Rear speed sensor circuit | BC-69 |
| | 5. Check ABS and TRACTION actuator using intelligent tester (Check ABS and TRACTION actuator operation using ACTIVE TEST function). If abnormal, check hydraulic circuit for leakage. | BC-180 |
| | 6. If symptoms still occur even after above circuits in suspected areas inspected and proved to be normal, replace ABS and TRACTION actuator (skid control ECU) | BC-181 |
| ABS, BA and/or EBD does not operate efficiently | 1. Check for DTCs again and make sure that normal system code displayed | BC-47 |
| | 2. Front speed sensor circuit | BC-62 |
| | 3. Rear speed sensor circuit | BC-69 |
| | 4. Stop light switch circuit | BC-105 |
| | 5. Check ABS and TRACTION actuator using intelligent tester (Check ABS and TRACTION actuator operation using ACTIVE TEST function). If abnormal, check hydraulic circuit for leakage. | BC-180 |
| | 6. If symptoms still occur even after above circuits in suspected areas inspected and proved to be normal, replace ABS and TRACTION actuator (skid control ECU) | BC-181 |
| VSC and/or TRC does not operate | 1. Check for DTCs again and make sure that normal system code displayed | BC-47 |
| | 2. IG power source circuit | BC-99 |
| | 3. Check hydraulic circuit for leakage | - |
| | 4. Front speed sensor circuit | BC-62 |
| | 5. Rear speed sensor circuit | BC-69 |
| | 6. Yaw rate sensor circuit | BC-96 |
| | 7. Steering angle sensor circuit | BC-92 |
| | 8. If symptoms still occur even after above circuits in suspected areas inspected and proved to be normal, replace ABS and TRACTION actuator (skid control ECU) | BC-181 |
| Sensor signal check cannot be performed | 1. TS and CG terminal circuit | BC-177 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |

| Symptom | Suspected area | See page |
|---|---|----------|
| DTC check cannot be performed | 1. Check for DTCs again and make sure that normal system code displayed | BC-47 |
| | 2. TC and CG terminal circuit | BC-174 |
| | 3. If symptoms still occur even after above circuits in suspected areas inspected and proved to be normal, replace ABS and TRACTION actuator (skid control ECU) | BC-181 |
| ABS warning light abnormal (Remains on) | 1. ABS warning light circuit | BC-134 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| ABS warning light abnormal (Does not come on) | 1. ABS warning light circuit | BC-138 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| VSC warning light abnormal (Remains on) | 1. VSC warning light circuit | BC-139 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| VSC warning light abnormal (Does not come on) | 1. VSC warning light circuit | BC-142 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| BRAKE warning light abnormal (Remains on) | 1. BRAKE warning light circuit | - |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-144 |
| BRAKE warning light abnormal (Does not come on) | 1. BRAKE warning light circuit | BC-151 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| SLIP indicator light abnormal (Remains on) | 1. SLIP indicator light circuit | BC-152 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| SLIP indicator light abnormal (Does not come on) | 1. SLIP indicator light circuit | BC-154 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| Skid control buzzer abnormal | 1. Skid control buzzer circuit | BC-172 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| Downhill assist control does not operate*1 | 1. Check for DTCs again and make sure that normal system code displayed | BC-47 |
| | 2. Downhill assist control switch circuit | BC-119 |
| | 3. Downhill assist control indicator light circuit | BC-161 |
| | 4. If symptoms still occur even after above circuits in suspected areas inspected and proved to be normal, replace ABS and TRACTION actuator (skid control ECU) | BC-181 |
| Downhill assist control indicator light abnormal (Remains on)*1 | 1. Downhill assist control indicator light circuit | BC-156 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| Downhill assist control indicator light abnormal (Does not come on)*1 | 1. Downhill assist control indicator light circuit | BC-161 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| Hill-start assist control does not operate*2 | 1. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| AUTO LSD does not operate*3 | 1. Check for DTCs again and make sure that normal system code displayed | BC-47 |
| | 2. Auto LSD switch circuit | BC-169 |
| | 3. AUTO LSD indicator circuit | BC-169 |
| | 4. If symptoms still occur even after above circuits in suspected areas inspected and proved to be normal, replace ABS and TRACTION actuator (skid control ECU) | BC-181 |
| AUTO LSD indicator light abnormal (Remains on)*3 | 1. AUTO LSD indicator circuit | BC-164 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |
| AUTO LSD indicator light abnormal (Does not come on)*3 | 1. AUTO LSD indicator circuit | BC-169 |
| | 2. ABS and TRACTION actuator (skid control ECU) | BC-181 |

HINT:

*1: w/ Downhill assist control

*2: w/ Hill-start assist control

*3: for 2WD w/ AUTO LSD