

## PROBLEM SYMPTOMS TABLE

If a normal code is displayed during the DTC check but the problem still occurs, check the circuits for each problem symptom in the order given in the table below and proceed to the relevant troubleshooting page.

| Symptom                                                                                                                | Suspect Area                                                                                                                                                                                                                                                                                                                                                                                                        | See page                                                                                                                            |
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| Lighting up position of height control indicator light does not change according to operation of height control switch | 3. Check that the height control switch is not "OFF".<br>4. Check the DTC.<br>5. Perform the INPUT SIGNAL CHECK.                                                                                                                                                                                                                                                                                                    | –<br><a href="#">DI-232</a><br><a href="#">DI-232</a>                                                                               |
| Vehicle height control function does not operate                                                                       | When the followings 1. to 6. are all normal and the problem is still occurring, replace ECU.<br>1. Check the power source circuit of the ECU.<br>2. Check if it is included in the inhibited conditions of the height control. (Rough road judgment, Diff. lock, etc.)<br>3. Check the indicator light.<br>4. Check the DTC.<br>5. Perform the HEIGHT CONTROL OPERATION TEST.<br>6. Perform the INPUT SIGNAL CHECK. | <a href="#">DI-274</a><br>–<br><a href="#">DI-232</a><br><a href="#">DI-232</a><br><a href="#">DI-232</a><br><a href="#">DI-232</a> |
| Vehicle height control operates, but the vehicle height does not raise to "N" or "HI" position.                        | 1. Check that the loading weight does not exceed the pre-determined value.<br>2. Check if any heavy object such as a winch is installed.<br>3. Check that the fluid does not have a shortage.<br>4. Check the DTC.<br>5. Perform the INPUT SIGNAL CHECK.<br>6. Check the front and rear shock absorber fluid pressure.<br>7. Check the vehicle height. (Height control sensor link)                                 | –<br>–<br>–<br><a href="#">DI-232</a><br><a href="#">DI-232</a><br><a href="#">SA-184</a><br><a href="#">SA-192</a>                 |
| Vehicle height raises, but vehicle height does not go down to "N" or "LO" position.                                    | 1. Check that the vehicle weight is extremely light.<br>2. Check if there is anything caught in the absorber and coil spring.<br>3. Check the DTC.<br>4. Perform the INPUT SIGNAL CHECK.<br>5. Check the front and rear shock absorber fluid pressure.<br>6. Check the vehicle height. (Height control sensor link)                                                                                                 | –<br>–<br><a href="#">DI-232</a><br><a href="#">DI-232</a><br><a href="#">SA-184</a><br><a href="#">SA-192</a>                      |
| Vehicle height is extremely low when vehicle is parked                                                                 | <b>HINT:</b><br>Vehicle height may go down because of the atmosphere temperature change when vehicle is parked.<br>Check the fluid leakage of the gas chamber, shock absorber, etc. and if it is normal, replace the control valve assembly.                                                                                                                                                                        | <a href="#">SA-184</a>                                                                                                              |
| Vehicle leans to the right or left.                                                                                    | 1. Check if the luggage are loaded with a slant.<br>2. Check the DTC.<br>3. Adjust the vehicle height.<br>4. Check the front and rear shock absorber fluid pressure.<br>5. Check the control valve assembly.<br>(Front and rear gate valve)<br>6. Check fluid clog in the fluid line and shock absorber, etc.                                                                                                       | –<br><a href="#">DI-232</a><br><a href="#">SA-192</a><br><a href="#">SA-184</a><br><a href="#">DI-259</a><br>–                      |

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| Vehicle height raise control requires a long time. | <p>HINT:<br/>Vehicle raise control may require a long time in case that the ambient temperature is <math>-15^{\circ}\text{C}</math> (<math>5^{\circ}\text{F}</math>) or less or the accumulation pressure of the height control accumulator is not completed.</p> <p>When the followings 1. to 6. are all normal and the problem is still occurring, replace the AHC pump motor.</p> <ol style="list-style-type: none"> <li>1. Check that the loading weight does not exceed the pre-determined value.</li> <li>2. Check that the vehicle weight is extremely light.</li> <li>3. Check the DTC.</li> <li>4. Check the front and rear shock absorber fluid pressure.</li> <li>5. Check the vehicle height. (Height control sensor link)</li> <li>6. Check that the fluid pressure of the height control accumulator is not lost.</li> </ol> | <p>–</p> <p>–</p> <p>DI-232</p> <p>SA-184</p> <p>SA-192</p> <p>–</p>                              |
| Vehicle height down control requires a long time.  | <p>HINT:<br/>Vehicle height down control may require a long time in case that the ambient temperature is <math>-15^{\circ}\text{C}</math> (<math>5^{\circ}\text{F}</math>) or less.</p> <p>When the followings 1. to 3. are all normal and the problem is still occurring, replace the control valve assembly.</p> <ol style="list-style-type: none"> <li>1. Check that the vehicle weight is extremely light.</li> <li>2. Check the front and rear shock absorber fluid pressure.</li> <li>3. Check the vehicle height. (Height control sensor link)</li> </ol>                                                                                                                                                                                                                                                                           | <p>–</p> <p>SA-184</p> <p>SA-192</p>                                                              |
| Vehicle leans to the front or rear.                | <p>When the followings 1. to 4. are all normal and the problem is still occurring, replace the control valve assembly.</p> <ol style="list-style-type: none"> <li>1. Check that the height control switch is not "OFF".</li> <li>2. Check fluid leakage. (Gas chamber, shock absorber, etc.)</li> <li>3. Check the DTC.</li> <li>4. Check the vehicle height. (Height control sensor link)</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p>–</p> <p>SA-184</p> <p>DI-232</p> <p>SA-192</p>                                                |
| Vehicle goes down leaning.                         | <p>When the followings 1. and 2. are all normal and the problem is still occurring, replace the control valve assembly.</p> <ol style="list-style-type: none"> <li>1. Check air leakage of the gas chamber. (Check the fluid level change of the reservoir tank.)</li> <li>2. Perform the DAMPING FORCE CONTROLLING CONDITION CHECK.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>SA-210</p> <p>DI-232</p>                                                                       |
| Abnormal sound sounds from AHC system.             | <p>When the followings 1. and 2. are all normal and the problem is still occurring, replace the pump attenuator.</p> <ol style="list-style-type: none"> <li>1. Check interference of the fluid line.</li> <li>2. Check interference of the AHC pump &amp; motor.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>–</p> <p>–</p>                                                                                 |
| Vehicle ride is uncomfortable.                     | <p>HINT:<br/>Vehicle ride may be uncomfortable soon after the starting when the ambient temperature is <math>-10^{\circ}\text{C}</math> (<math>14^{\circ}\text{F}</math>) or less because the fluid viscosity is high.</p> <p>When the followings 1. to 7. are all normal and the problem is still occurring, replace shock absorber.</p> <ol style="list-style-type: none"> <li>1. Check the power source circuit of the ECU.</li> <li>2. Check the DTC.</li> <li>3. Perform the DAMPING FORCE CONTROLLING CONDITION CHECK.</li> <li>4. Perform the INPUT SIGNAL CHECK.</li> <li>5. Check resistance of the damping force control actuator.</li> <li>6. Check air leakage of the gas chamber. (Check the fluid level change of the reservoir tank.)</li> <li>7. Check the front and rear shock absorber fluid pressure.</li> </ol>        | <p>DI-312</p> <p>DI-232</p> <p>DI-232</p> <p>DI-232</p> <p>DI-256</p> <p>SA-210</p> <p>SA-184</p> |

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| Vehicle ride too soft.                                       | <p>When the followings 1. to 5. are all normal and the problem is still occurring, replace the damping force control actuator or shock absorber.</p> <ol style="list-style-type: none"> <li>1. Check the power source circuit of the ECU.</li> <li>2. Check the DTC.</li> <li>3. Perform the DAMPING FORCE CONTROLLING CONDITION CHECK.</li> <li>4. Perform the INPUT SIGNAL CHECK.</li> <li>5. Check resistance of the damping force control actuator.</li> </ol>                                                                                                                                                                   | <p>DI-312<br/>DI-232<br/>DI-232<br/>DI-232<br/>DI-256</p>                  |
| Vehicle steering roll is different from right and left turn. | <p>When the followings 1. to 7. are all normal and the problem is still occurring, replace the damping force control actuator or shock absorber.</p> <ol style="list-style-type: none"> <li>1. Check if the luggage are loaded with a slant.</li> <li>2. Check the power source circuit of the ECU.</li> <li>3. Check the DTC.</li> <li>4. Perform the DAMPING FORCE CONTROLLING CONDITION CHECK.</li> <li>5. Perform the INPUT SIGNAL CHECK.</li> <li>6. Check resistance of the damping force control actuator.</li> <li>7. Check air leakage of the gas chamber. (Check the fluid level change of the reservoir tank.)</li> </ol> | <p>–<br/>DI-312<br/>DI-232<br/>DI-232<br/>DI-232<br/>DI-256<br/>SA-210</p> |
| Vehicle braking dive and starting squat are large.           | <p>When the followings 1. to 5. are all normal and the problem is still occurring, replace the damping force control actuator or shock absorber.</p> <ol style="list-style-type: none"> <li>1. Check the power source circuit of the ECU.</li> <li>2. Check the DTC.</li> <li>3. Perform the DAMPING FORCE CONTROLLING CONDITION CHECK.</li> <li>4. Perform the INPUT SIGNAL CHECK.</li> <li>5. Check resistance of the damping force control actuator.</li> </ol>                                                                                                                                                                   | <p>DI-312<br/>DI-232<br/>DI-232<br/>DI-232<br/>DI-256</p>                  |
| DTC check cannot be done                                     | <ol style="list-style-type: none"> <li>1. Check the height control OFF indicator circuit.</li> <li>2. Check the Tc terminal circuit.</li> <li>3. Check the power source circuit of the ECU.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>DI-315<br/>DI-320<br/>DI-312</p>                                        |
| INPUT SIGNAL CHECK cannot be done                            | <ol style="list-style-type: none"> <li>1. Check the Ts terminal circuit.</li> <li>2. Check the power source circuit of the ECU.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>DI-322<br/>DI-312</p>                                                   |