

## FAIL-SAFE CHART

### 1. FAIL-SAFE FUNCTION

- (a) When an air suspension system malfunction is detected under the normal control operation, the suspension control ECU will suspend the switch control of the height control operation.

#### FAIL-SAFE CHART

| DTC No.                          | Malfunction Item                                                                     | Fail-Safe Operation                                                                              | Fail-Safe Deactivation Conditions                       |
|----------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| C1711<br>C1712<br>C1713<br>C1714 | Malfunction in height control sensor                                                 | To interrupt the height control and damping control.                                             | Return to normal condition.                             |
| C1715<br>C1716<br>C1717          | Malfunction in acceleration sensor                                                   | To interrupt the damping control.                                                                | Return to normal condition.                             |
| C1725<br>C1726<br>C1727<br>C1728 | Malfunction in absorber control actuator                                             | To interrupt the damping control, after moving to the 9th step.<br>(Except malfunction actuator) | Return to normal condition.                             |
| C1735<br>C1752                   | Open or short in exhaust solenoid valve circuit                                      | To interrupt height down control.                                                                | Return to normal condition.                             |
| C1737<br>C1738<br>C1739<br>C1740 | Open or short in height control solenoid valve circuit                               | To interrupt height control.                                                                     | Return to normal condition.                             |
| C1741                            | Open or short in AIR SUS relay circuit                                               | To interrupt height up control.                                                                  | Return to normal condition.                             |
| C1742<br>C1751                   | Lock, powered continuously or powered excessively in height control compressor motor | After DTC detection, to interrupt height up control for 70 minutes.                              | After interrupting for 70 minutes, restart the control. |

| DTC No. | Malfunction Item                            | Fail-Safe Operation                                         | Fail-Safe Deactivation Conditions |
|---------|---------------------------------------------|-------------------------------------------------------------|-----------------------------------|
| C1761   | Malfunction in suspension control ECU       | To interrupt the height control and damping control.        | Return to normal condition.       |
| C1774   | Power voltage dropped                       | To interrupt the height control and damping control.        | Return to normal condition.       |
| C1776   | Malfunction in vehicle speed sensor circuit | To interrupt the damping control after 9th step of damping. | Return to normal condition.       |
| C1777   | Malfunction on steering angle sensor        | To interrupt the damping control of rolling.                | Return to normal condition.       |