056JF–02

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.
HINT:
Inspect each malfunction circuit in numerical order for the corresponding symptom.
If the malfunction still exist even after checking and confirming that all the circuit are normal, replace the suspension control ECU.

Symptom	Suspect Area	See page
Vehicle height control function does not operate	1. Freezing of the air tube	–
	2. Power source circuit	05–632
	3. Crankshaft position sensor circuit	05–643
	4. Height control OFF switch circuit	05–656
	5. Height control switch circuit	05–650
	6. Height control sensor circuit	05–598
	7. Height control solenoid valve circuit	05–613
	8. Gate solenoid valve circuit	05–613
	9. Exhaust solenoid valve circuit	05–613
	10.AIR SUS relay circuit	05–618
	11.Height control compressor circuit	05–622
	12.Suspension control ECU	01–36
Lighting up position of height control indicator lamp does not change by the height control switch operation	1. Power source circuit	05–632
	2. Crankshaft position sensor circuit	05–643
	3. Height control OFF switch circuit	05–656
	4. Height control switch circuit	05–650
	5. Height control sensor circuit	05–598
	6. Height control solenoid valve circuit	05–613
	7. Gate solenoid valve circuit	05–613
	8. Exhaust solenoid valve circuit	05–613
	9. AIR SUS relay circuit	05–618
	10.Height control compressor circuit	05–622
	11.Speed sensor circuit	05–637
	12.Suspension control ECU	01–36
Hunting of vehicle height occurs	1. Air leakage (Height control cylinder assy rear)	25–3
	2. Height control sensor circuit	05–598
	3. Suspension control ECU	01–36
Vehicle height control operates, but vehicle height is uneven	1. Air leakage	25–3
	2. Clogging of the Air tube	25–3
	3. Height control sensor link sub–assy	25–3
	4. Height control sensor circuit	05–598
	5. Gate solenoid valve circuit	05–613
	6. Suspension control ECU	01–36
Vehicle height control operates, but vehicle height is high or low. (Vehicle height in NORMAL mode varies from the standard value)	1. Height control sensor link sub–assy	25–3
	2. Height control sensor circuit	05–598
	3. Suspension control ECU	01–36
When vehicle height control is adjusted, it stops at extremely high or extremely low position	1. Height control sensor circuit	05–598
	2. Height control sensor link sub–assy	25–3
	3. Suspension control ECU	01–36
Height control OFF indicator lamp is abnormal	1. Power source circuit	05–632
	2. Height control OFF switch circuit	05–656
	3. Height control OFF indicator lamp circuit	05–661
	4. Suspension control ECU	01–36
Height control indicator lamp is abnormal	1. Power source circuit	05–632
	2. Height control indicator lamp circuit	05–659
	3. Suspension control ECU	01–36

DTC check cannot be done	1. Power source circuit 2. TC terminal circuit 3. Height control OFF indicator lamp circuit 4. Suspension control ECU	05–632 05–664 05–661 01–36
Input signal check (Test mode) cannot be done	1. Power source circuit 2. TS terminal circuit 3. Suspension control ECU	05–632 05–666 01–36
Vehicle height is extremely low when vehicle is parked	Although, especially in a cold district, the vehicle height may become lower due to the air temperature drop in the height control cylinder assy, that is not abnormal. 1. Air leakage 2. Height control cylinder assy rear 3. Height control sensor link sub–assy 4. Height control solenoid valve circuit 5. Exhaust valve circuit	 25–3 27–13 25–3 05–613 05–613
Compressor motor continues to operate	Due to the air tube freezing, vehicle height may not rise all the time. 1. Air leakage 2. Air tube clogged 3. Height control cylinder assy rear 4. Height control sensor link sub–assy 5. Height control solenoid valve circuit 6. Exhaust valve circuit 7. Tank solenoid valve circuit 8. AIR SUS relay circuit 9. Height control compressor circuit 10.Suspension control ECU	 25–3 25–3 27–13 25–3 05–613 05–613 05–613 05–618 05–622 01–36
Damping force control does not operate at all	1. Absorber control actuator circuit 2. TS terminal circuit 3. Shock absorber 4. Suspension control ECU	05–609 05–666 26–12 27–4 01–36