056JF–03

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	★
	3. Crankshaft position sensor circuit	05–274
	4. Height control OFF switch circuit	★
	5. Height control switch circuit	★
	6. Height control sensor circuit	★
	7. Height control solenoid valve circuit	★
	8. Gate solenoid valve circuit	★
	9. Exhaust solenoid valve circuit	★
	10.AIR SUS relay circuit	★
	11.Height control compressor circuit	★
	12.Suspension control ECU	01–35
Illuminated up position of height control indicator lamp does not change by the height control switch operation	1. Power source circuit	★
	2. Crankshaft position sensor circuit	05–274
	3. Height control OFF switch circuit	★
	4. Height control switch circuit	★
	5. Height control sensor circuit	★
	6. Height control solenoid valve circuit	★
	7. Gate solenoid valve circuit	★
	8. Exhaust solenoid valve circuit	★
	9. AIR SUS relay circuit	★
	10.Height control compressor circuit	★
	11.Speed sensor circuit	★
	12.Suspension control ECU	01–35
Hunting of vehicle height occurs	1. Air leakage (Height control cylinder assy rear)	★
	2. Height control sensor circuit	★
	3. Suspension control ECU	01–35
Vehicle height control operates, but vehicle height is uneven	1. Air leakage	★
	2. Clogging of the Air tube	–
	3. Height control sensor link sub–assy	★
	4. Height control sensor circuit	★
	5. Gate solenoid valve circuit	★
	6. Suspension control ECU	01–35
Vehicle height control operates, but vehicle height is high or low. (Vehicle height in NORMAL mode differs from the standard value)	1. Height control sensor link sub–assy	★
	2. Height control sensor circuit	★
	3. Suspension control ECU	01–35
When vehicle height control is adjusted, it stops at extremely high or extremely low position	1. Height control sensor circuit	★
	2. Height control sensor link sub–assy	★
	3. Suspension control ECU	01–35
Height control OFF indicator lamp condition is abnormal	1. Power source circuit	★
	2. Height control OFF switch circuit	★
	3. Height control OFF indicator lamp circuit	★
	4. Suspension control ECU	01–35
Height control indicator lamp condition is abnormal	1. Power source circuit	★
	2. Height control indicator lamp circuit	★
	3. Suspension control ECU	01–35

DTC check cannot be completed	1. Power source circuit 2. TC terminal circuit 3. Height control OFF indicator lamp circuit 4. Suspension control ECU	★ ★ ★ 01–35
Input signal check (Test mode) cannot be completed	1. Power source circuit 2. TS terminal circuit 3. Suspension control ECU	★ ★ 01–35
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	 ★ ★ ★ ★ 01–35
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	 ★ – ★ ★ ★ ★ ★ ★ ★ 01–35
Damping force control does not operate at all	1. Absorber control actuator circuit 2. TS terminal circuit 3. Shock absorber 4. Suspension control ECU	★ ★ ★ 01–35

HINT:

★: See Pub. No. RM990E