

PROBLEM SYMPTOMS TABLE

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 circuit in numerical order for the corresponding symptom.
If the malfunction still exists even after checking and confirming that all the circuits are normal, replace the brake actuator Assy (Skid control ECU).
- ☐ When a malfunction is found in the skid control ECU, replace the brake actuator Assy. (The skid control ECU and brake actuator Assy are combined as a unit.)
- ☐ When the tire pressure warning indicator comes on and the ABS warning lamp comes on, check the ABS system first.

Symptom	Suspected Area	See page
"Check System" indicator comes on. HINT: System abnormal is detected.	1. Stop lamp switch circuit 2. ABS system malfunction 3. Brake actuator Assy (Skid control ECU)	05-358 05-362 –
"Pressure Initial" indicator comes on. HINT: ECU requires initialization.	1. Initialize the tire pressure warning system 2. Brake actuator Assy (Skid control ECU)	05-350 –
ECU is initialized (tire pressure warning reset switch is ON), but tire pressure warning indicator remains on.	1. Check initialization 2. Tire pressure warning reset switch circuit 3. Brake actuator Assy (Skid control ECU)	05-350 05-363 –
"Low Tire" indicator comes on while driving, but indicator goes off without supplying tire air pressure.	1. Check tire pressure warning indicator 2. Tire pressure warning indicator circuit 3. Combination meter Assy 4. Brake actuator Assy (Skid control ECU) HINT: Tire pressure may be affected by the driving environment. When any of the detected pressures reaches standard tire pressure value, the warning indicator may go off.	05-355 05-365 05-2148 –
"Low Tire" indicator comes on, but tire air pressure is in the standard value.	1. Check if vehicle has appropriate size tires 2. Ambient temperature sensor circuit 3. Tire pressure warning indicator circuit 4. Combination meter Assy 5. Brake actuator Assy (Skid control ECU) HINT: • Inappropriate size tires may be used or the indicated tires may not be used. • Tire pressure is not adjusted at initialization.	– 05-369 05-365 05-2148 –
"Low Tire" indicator remains off, even when tire air pressure decreased.	1. Check if vehicle has appropriate size tires 2. Ambient temperature sensor circuit 3. Tire pressure warning indicator circuit 4. Combination meter Assy 5. Brake actuator Assy (Skid control ECU) HINT: • Inappropriate size tires may be used. • Tire pressure may be affected by the driving environment. Since tire pressure decreases in cold weather, the pressure warning indicator may come on. • Tire pressure is not adjusted at initialization.	– 05-369 05-365 05-2148 –
"Low Tire" indicator comes on while driving, and the indicator remains on after correcting tire pressure.	1. Check tire pressure warning indicator 2. Tire pressure warning indicator circuit 3. Combination meter Assy 4. Ambient temperature sensor circuit 5. Brake actuator Assy (Skid control ECU)	05-355 05-365 05-2148 05-369 –

DIAGNOSTICS – TIRE PRESSURE WARNING SYSTEM

Test mode cannot be completed.	1. ABS system malfunction 2. TS terminal circuit 3. Brake actuator assy (Skid control ECU)	05-362 05-512 –
"Low tire" indicator remains on even after pressing the tire pressure warning reset switch.	1. Tire pressure warning reset switch circuit 2. Brake actuator assy (Skid control ECU)	05-363 –
"Check System" indicator remains on even after checking and repairing the trouble area.	1. ABS system malfunction 2. Tire pressure warning reset switch circuit 3. Brake actuator assy (Skid control ECU)	05-362 05-363 –