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TROUBLESHOOTING

Trouble Symptom		Probable Cause		Remedy
Coolant leakage	<ul style="list-style-type: none"> From the thermostat gasket 	Check the mounting bolts	<ul style="list-style-type: none"> Check the torque of the mounting bolts 	<ul style="list-style-type: none"> Retighten the bolts and check leakage again.
		Check the gasket for damage	<ul style="list-style-type: none"> Check gasket or seal for damage 	<ul style="list-style-type: none"> Replace gaskets and reuse the thermostat.
Cooled excessively	<ul style="list-style-type: none"> Low heater performance (cool air blown-out) Thermogauge indicates 'LOW' 	Visually check after removing the radiator cap.	<ul style="list-style-type: none"> Insufficient coolant or leakage. 	<ul style="list-style-type: none"> After refilling coolant, recheck.
		Check KDS & engine start	<ul style="list-style-type: none"> Check DTCs Check connection of the fan clutch or the fan motor. <p>※ If the fan clutch is always connected, there will be a noise at idle.</p>	<ul style="list-style-type: none"> Check the engine coolant sensor, wiring and connectors. Replace the components.
		Remove the thermostat and inspect	<ul style="list-style-type: none"> Check if there are dust or chips in the thermostat valve. Check adherence of the thermostat. 	<ul style="list-style-type: none"> Clean the thermostat valve and reuse the thermostat. Replace the thermostat, if it doesn't work properly.
Heated excessively	<ul style="list-style-type: none"> Engine overheated Thermogauge indicates 'HI' 	Visually check after removing the radiator cap.	<ul style="list-style-type: none"> Insufficient coolant or leakage. <p>※ Be careful when removing the radiator cap of the overheated vehicle.</p> <ul style="list-style-type: none"> Check air in cooling system. 	<ul style="list-style-type: none"> After refilling coolant, recheck. Check the cylinder head gaskets for damage and the tightening torque of the mounting bolts.
		Check KDS & engine start	<ul style="list-style-type: none"> Check DTCs Check the fan motor performance as temperature varies. Check if the fan clutch slips. Check for water pump adherence and damaged impeller. 	<ul style="list-style-type: none"> Check the engine coolant sensor, wiring and connectors. Check the fan motor, the relay and the connector. Replace the fan clutch, if it doesn't work properly. Replace the water pump, if it doesn't work properly.
		Immerse the thermostat in boiling	<ul style="list-style-type: none"> After removing the thermostat, check if it 	<ul style="list-style-type: none"> Replace the thermostat, if it doesn't work

water and inspect.

works properly.
※ Check the thermostat
opens at the valve
opening temperature.

properly.

English

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