

NO.23 TRANSAXLE OVERHEATS

B3E050319090W27

23	Transaxle overheats
DESCRIPTION	<ul style="list-style-type: none"> • Burnt smell emitted from transaxle. • Smoke emitted from transaxle.
POSSIBLE CAUSE	<p>• The malfunction is restricted to the hindrance of coolant at the oil cooler. In addition, overheating of the transaxle may be caused by a malfunction of the transaxle fluid temperature sensor.</p> <ol style="list-style-type: none"> 1. Burnt (TCC) <ul style="list-style-type: none"> • Line pressure low • Control valve body malfunction • Accelerator cable mis-adjustment 2. Oil cooler malfunction (Foreign material mixed in ATF) 3. Transaxle fluid temperature sensor malfunction 4. Excessive amount of ATF 5. Torque converter malfunction <p>Note</p> <ul style="list-style-type: none"> • Before following the troubleshooting steps, make sure that the Automatic Transaxle On-Board Diagnostic and Automatic Transaxle Basic Inspection are conducted.

Diagnostic procedure

STEP	INSPECTION		ACTION
1	Inspect for bending, damage, corrosion or kinks of the oil cooler pipes. Are oil cooler pipes normal?	Yes	Go to the next step.
		No	Replace any malfunctioning parts.
2	Perform the stall test. (See Stall Test .) Is the stall speed normal?	Yes	Go to the next step.
		No	Repair or replace any malfunctioning parts.
3	Inspect the value at the following PCM PID using the WDS or equivalent. (See PCM INSPECTION [ZJ, Z6] .) (See PCM INSPECTION [LF] .) • TP Is the PID value normal?	Yes	Go to the next step.
		No	Repair or replace any malfunctioning parts.
4	Disconnect the PCM connector. Is the resistance between the ground terminal at the PCM connector and the body ground less than 5.0 ohms ?	Yes	Go to the next step.
		No	Repair the open ground circuit. Reconnect the PCM.
5	Inspect the LPS PID value. Is the LPS PID value normal? (See PCM INSPECTION [ZJ, Z6] .) (See PCM INSPECTION [LF] .)	Yes	Overhaul the control valve body and repair or replace any malfunctioning parts. (See ATX workshop manual (FN4A-EL).) If any problem remains, overhaul the transaxle and repair or replace any malfunctioning parts. (See ATX workshop manual (FN4A-EL).)
		No	Repair or replace any malfunctioning parts.
	• Verify the test results.		

6	<ul style="list-style-type: none">- If normal, return to the diagnostic index to service any additional symptoms.- If the malfunction remains, inspect the related Service information and perform repair or diagnosis.<ul style="list-style-type: none">• If the vehicle is repaired, troubleshooting is completed.• If the vehicle is not repaired or additional diagnostic information is not available, replace the PCM.
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