

DTC	P0781	1–2 Shift
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SYSTEM DESCRIPTION

The ECM uses signals from the vehicle speed sensor and direct clutch speed sensor to detect the actual gear position (1st, 2nd, 3rd, 4th or 5th gear). Then the ECM compares the actual gear with the shift schedule in the ECM memory to detect mechanical problems of the shift solenoid valves, valve body or automatic transmission (clutch, brake or gear etc.).

DTC No.	DTC Detecting Condition	Trouble Area
P0781	The gear required by the ECM does not match the actual gear when driving (2-trip detection logic)	• Valve body is blocked up or stuck (1–2 shift) • Automatic transmission assembly • ECM

INSPECTION PROCEDURE

1	Check if the other DTCs are recorded (See page DI-242).
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YES

Repair circuit indicated by output code (See page [DI-256](#)).

NO

2	Clear the DTC and running test (See page DI-242).
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CHECK:

Clear the DTC again, and check DTC again after conducting the running test.

OK:

Normal code

OK

END

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Repair or replace valve body (See page [AT-8](#)).