DIAUT–01

DTC	P0781	1–2 Shift

SYSTEM DESCRIPTION

The Engine and ECT ECU uses signals from the vehicle speed sensor and direct clutch speed sensor to detect the actual gear range (1st, 2nd, 3rd, 4th or 5th gear). Then the Engine and ECT ECU compares the actual gear with the shift schedule in the Engine and ECT ECU memory to detect mechanical troubles 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 Engine and ECT ECU 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 • Engine and ECT ECU

INSPECTION PROCEDURE

1	Check if the other DTCs are recorded (See page DI–4).

YES ⟩ Repair circuit indicated by output code (See page DI–20).

NO ↓

2	Clear the DTC and running test (See page DI–4).

CHECK:
Clear the DTC again, and check DTC again after conducting the running test.
OK:
Normal code

OK ⟩ END

NG ↓

Repair or replace valve body (See page AT–8).