DI2L7-02

PROBLEM SYMPTOMS TABLE

HINT:

If a normal code is displayed during the DTC check but the trouble still occurs, check the circuits for each symptom in the order given in the charts on the following pages and proceed to the page given for trouble shooting.

The Matrix Chart is divided into 3 chapters.

- If [] the instruction is proceed in the continuous proceed in the co
- If the trouble still occurs even though there are no abnormalities in any of the other circuits, then check and replace the Engine and ECT ECU.

CHAPTER 1: ELECTRONIC CIRCUIT MATRIX CHART

Symptom	Suspect Area	See page
No up-shift (A particular gear, from 1st to 3rd gear, is not -up shifted)	Engine and ECT ECU	IN-35
No up–shift (3rd → O/D)	O/D[main[switch[&[D/D[DFF[]]ndicator[circuit Engine[snd[]ECT[]ECU	DI-61 IN-35
No down–shift (O/D \rightarrow 3rd)	O/D main switch & O/D OFF indicator circuit Engine and ECT ECU	DI-61 IN-35
No down-shift (A particular gear, from 1st to 3rd gear, is not -down shifted)	Engine and ECT ECU	IN-35
No lock-up	Stop light switch signal circuit Engine and ECT ECU	DI-57 IN-35
No lock-up off	Engine and ECT ECU	IN-35
Shift point too high or too low	 Pattern select switch circuit L4 position switch circuit Engine and ECT ECU 	DI-65 DI-75 IN-35
Up-shift to O/D from 3rd while O/D main switch is OFF	O/D main switch & O/D OFF indicator circuit Engine and ECT ECU	DI-61 IN-35
Up-shift to O/D from 3rd while engine is cold	Engine and ECT ECU	IN-35
No kick-down	Engine and ECT ECU	IN-35
Engine stalls when starting off or stopping	Engine and ECT ECU	IN-35
No pattern select	Pattern select switch circuit Engine and ECT ECU	DI-65 IN-35
No 2nd start	Pattern select switch circuit Engine and ECT ECU	DI-68 IN-35
A/T.P. indicator light does not light up	A/T. P. indicator light circuit Engine and ECT ECU	DI-72 IN-35

CHAPTER[2:[ON-VEHICLE[REPAIR (]: [A343F[AUTOMATIC[TRANSMISSION[Repair[Manual[Pub.[No.[RM528E)

Symptom	Suspect[Area	See page
Vehicle does not move in any forward range and reverse range	 Transmission control rod Manual valve Parking lock pawl Off-vehicle repair matrix chart 	DI-4 ★ AT-1¶
Vehicle does not move in R range	Off-vehicle repair matrix chart	
Vehicle does not move in particular range or ranges (except R range)	Off-vehicle repair matrix chart	-
No up-shift (1st → 2nd)	1. 1-2 shift valve 2. Off-vehicle repair matrix chart	* -
No up-shift (2nd → 3rd)	2-3 shift valve Off-vehicle repair matrix chart	* -
No up–shift (3rd \rightarrow O/D)	3-4 shift valve Off-vehicle repair matrix chart	* -
No down–shift (O/D → 3rd)	3-4 shift valve Off-vehicle repair matrix chart	*
No down–shift (3rd → 2nd)	2-3 shift valve Off-vehicle repair matrix chart	* -
No down–shift (2nd → 1st)	1. 1-2 shift valve 2. Off-vehicle repair matrix chart	*
No lock-up or No lock-up off	Lock-up control valve Lock-up relay valve Off-vehicle repair matrix chart	* * -
Harsh engagement (N \rightarrow D)	 Accumulator control valve Solenoid modulator valve C₁ accumulator Orifice control valve Off-vehicle repair matrix chart 	* * * -
Harsh engagement (Lock-up)	Lock-up control valve Lock-up relay valve Solenoid relay valve Off-vehicle repair matrix chart	* * * -
Harsh engagement (N \rightarrow R)	 Accumulator control valve C₂ accumulator Solenoid modulator valve Off-vehicle repair matrix chart 	* * * -
Harsh engagement (N \rightarrow L)	Low coast modulator valve	*
Harsh engagement (1st \rightarrow 2nd \rightarrow 3rd \rightarrow O/D)	Accumulator control valve Solenoid modulator valve	* *
Harsh engagement (2nd → 3rd)	 Accumulator control valve Solenoid modulator valve C₂ accumulator Off-vehicle repair matrix chart 	* * -
Harsh engagement (3rd → O/D)	 Accumulator control valve Solenoid modulator valve B₀ accumulator Off-vehicle repair matrix chart 	* * * -

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Symptom	Suspect[Area	See[page
Harsh engagement (O/D → 3rd)	 Accumulator control valve Solenoid modulator valve C₀ accumulator Off-vehicle repair matrix chart 	* * * -
Slip or shudder (Forward and reverse)	 Transmission control rod Oil strainer Pressure relief valve Off-vehicle repair matrix chart 	DI-4 AT-1 <u>D</u> ★ -
Slip or shudder (Particular range)	Transmission control rod Off-vehicle repair matrix chart	DI-4 -
No engine braking (1st: L range)	Low coast modulator valve Off-vehicle repair matrix chart	* -
No engine braking (2nd: 2 range)	 2nd coast modulator valve Off-vehicle repair matrix chart 	* -
No kick-down	 1. 1–2 shift valve 2. 2–3 shift valve 	* *

CHAPTER[3: OFF-VEHICLE REPAIR (**): 124343F[AUTOMATIC TRANSMISSION Repair Manual Pub. No. RM528E)

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