PROBLEM SYMPTOMS TABLE

DIORP-10

Symptom	Suspect Area	See page
Engine does not crank (Does not start)	10.Starter	ST-15
	11. Starter relay	ST-17
No initial combustion (Does not start)	ECM power source circuit	DI-148
	2. Fuel pump control circuit	DI-151
	3. ECM	IN-28
No complete combustion (Does not start)	Fuel pump control circuit	DI-151
Engine cranks normally (Difficult to start)	Starter signal circuit	DI-145
	2. Fuel pump control circuit	DI-151
	3. Compression	EM-3
Cold engine (Difficult to start)	Starter signal circuit	DI-145
	2. Fuel pump control circuit	DI-151
Hot engine (Difficult to start)	Starter signal circuit	DI-145
	2. Fuel pump control circuit	DI-151
High engine idle speed (Poor idling)	A/C signal circuit (Compressor circuit)	DI-632
		AC-89
	2. ECM power source circuit	DI-148
Low engine idle speed (Poor idling)	1. A/C signal circuit (Compressor circuit)	DI-632
		AC-89
	2. Fuel pump control circuit	DI-151
Rough idling (Poor idling)	1. Compression	EM-3
	2. Fuel pump control circuit	DI-151
Hunting (Poor idling)	ECM power source circuit	DI-148
	2. Fuel pump control circuit	DI-151
Hesitation/Poor acceleration (Poor driveability)	Fuel pump control circuit	DI-151
	2. A/T faulty	DI-175
Surging (Poor driveability)	Fuel pump control circuit	DI-151
Soon after starting (Engine stall)	Fuel pump control circuit	DI-151
During A/C operation (Engine stall)	A/C signal circuit (Compressor circuit)	DI-632
		AC-89
	2. ECM	IN-28

2002 4RUNNER (RM887U)

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