057HH-03

## PROBLEM SYMPTOMS TABLE2zz

When the malfunction code is not confirmed in the diagnostic trouble code check and the problem still can not be confirmed in the basic inspection, proceed to this problem symptoms tables and troubleshoot according to the numbered order given below.

Symptom	Suspect Area	See page
Engine deep not graph (Deep not start)	Starter and starter relay	19–1
Engine does not crank (Does not start)	2. Neutral start switch circuit *	40–9
	ECM power source circuit	05–308
	2. Ignition coil (w/ Igniter) circuit	05–267
No initial combustion (Does not start)	3. Fuel pump control circuit	05–304
	4. Injector	05–220
	Fuel pump control circuit	05–304
No complete combustion (Does not start)	2. Ignition coil (w/ Igniter) circuit	05–267
( ,	3. Injector	05–220
	Starter signal circuit	05, 200
	ISC valve circuit	05–299 05–264
	3. Fuel pump control circuit	05–304
Engine cranks normally (Difficult to start)	4. Ignition coil (w/ Igniter)	05–304
ingine draine from any (biniodic to start)	5. Spark plug	18–5
	6. Compression	14–174
	7. Injector	05–220
	Starter signal circuit	05–299
	2. ISC valve circuit	05–264
Cold engine (Difficult to start)	3. Fuel pump control circuit	05–304
	4. Injector	05–220
	5. Ignition coil (w/ Igniter)	05–267
	6. Spark plug	18–5
	Starter signal circuit	05–299
	2. ISC valve circuit	05–264
Let agains (Difficult to atout)	3. Fuel pump control circuit	05–304
Hot engine (Difficult to start)	4. Injector	05–220
	5. Ignition coil (w/ Igniter)	05–267
	6. Spark plug	18–5
ncorrect first idle (Poor idling)	ISC valve circuit	05–264
ζ,	ISC valve circuit	05–264
High engine idle speed (Poor idling)	2. ECM power source circuit	05–308
	Neutral start switch circuit *	40–9
	Back up power source circuit	05–284
Low engine idle speed (Poor idling)	1. ISC valve circuit	05.004
	Neutral start switch circuit *	05–264
	The pump control circuit	40–9 05–304
	4. Injector	05–220
	Back up power source circuit	05–284
	1. ISC valve circuit	05–264
	2. Injector	05–220
Rough idling (Poor idling)	3. Ignition coil (w/ Igniter) circuit	05–267
	4. Compression	14–174
	5. Fuel pump control circuit	05–304 05–284
	Back up power source circuit	05-264
Hunting (Poor idling)	ISC valve circuit	05–264
	2. ECM power source circuit	05–308
	3. Fuel pump control circuit	05–304
	1. Injector	05–220
Hesitation/Poor acceleration (Poor drivability)	Fuel pump control circuit	05–304
	3. Ignition coil (w/ Igniter) circuit	05–267
	4. A/T faulty *	05–440

2003 COROLLA MATRIX (RM940U)

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## DIAGNOSTICS - SFI SYSTEM (2ZZ-GE)

Muffler explosion, after fire (Poor drivability)	<ol> <li>Ignition coil (w/ Igniter)</li> <li>Spark plug</li> <li>Injector</li> </ol>	05–267 18–5 05–220
Surging (Poor drivability)	<ol> <li>Fuel pump control circuit</li> <li>Spark plug</li> <li>Injector</li> </ol>	05–304 18–5 05–220
Engine stall (Soon after starting)	<ol> <li>Fuel pump control circuit</li> <li>ISC valve circuit</li> </ol>	05–304 05–264
Engine stall (After accelerator pedal released)	<ol> <li>Injector</li> <li>ISC valve circuit</li> <li>ECM</li> </ol>	05–220 05–264 01–34
Engine stall (When shifting N to D)	Neutral start switch circuit *     ISC valve circuit	40–9 05–264

<sup>\*</sup> A/T only

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