

SFI SYSTEM (1GR-FE)

HOW TO PROCEED WITH TROUBLESHOOTING

05288-05

1 VEHICLE BROUGHT TO WORKSHOP



2 CUSTOMER PROBLEM ANALYSIS (See page 05-4)



3 CONNECT HAND-HELD TESTER TO DLC3

HINT:

If the display indicates a communication fault in the tool, inspect DLC3.



4 CHECK DTC AND FREEZE FRAME DATA (See page 05-5)

HINT:

Record or print DTC and freeze frame data, if needed.



5 CLEAR DTC AND FREEZE FRAME DATA (See page 05-5)



6 VISUAL INSPECTION



7 SETTING CHECK (TEST) MODE DIAGNOSIS (See page 05-5)



8 PROBLEM SYMPTOM CONFIRMATION

HINT:

If the engine does not start, perform steps 10 and 12 first.

A	Malfunction does not occur
B	Malfunction occurs

B ➔

GO TO STEP 10



A

9 SYMPTOM SIMULATION**10 DTC CHECK (See page 05-5)**

A	Malfunction code
B	No code

B → **GO TO STEP 12**

A

11 DTC CHART (See page 05-17)

GO TO STEP 14

12 BASIC INSPECTION (See page 05-5)

A	Wrong parts not confirmed
B	Wrong parts confirmed

B → **GO TO STEP 17**

A

13 PROBLEM SYMPTOMS TABLE (See page 05-28)

A	Wrong circuit confirmed
B	Wrong parts confirmed

B → **GO TO STEP 17**

A

14 CHECK ECM POWER SOURCE CIRCUIT (See page 05-228)**15 CIRCUIT INSPECTION**

A	Malfunction not confirmed
B	Malfunction confirmed

B → **GO TO STEP 18**

A

16	CHECK FOR INTERMITTENT PROBLEMS (See page 05-5)
----	--



GO TO STEP 18

17	PARTS INSPECTION
----	------------------



18	IDENTIFICATION OF PROBLEM
----	---------------------------



19	ADJUSTMENT, REPAIR
----	--------------------



20	CONFIRMATION TEST
----	-------------------



END
