

# SFI SYSTEM (2UZ-FE)

## HOW TO PROCEED WITH TROUBLESHOOTING

05288-04

### 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 the 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 )



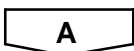
### 8 PROBLEM SYMPTOM CONFIRMATION

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 05-18 )****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 05-29 )**

|   |                         |
|---|-------------------------|
| A | Wrong circuit confirmed |
| B | Wrong parts confirmed   |

**B** **GO TO STEP 17****A****14 CHECK ECM POWER SOURCE CIRCUIT (See page 05-202 )****15 CIRCUIT INSPECTION**

|   |                           |
|---|---------------------------|
| A | Malfunction not confirmed |
| B | Malfunction confirmed     |

**B** **GO TO STEP 18****A**

|    |  |
|----|--|
| 16 | CHECK FOR INTERMITTENT PROBLEMS (See page <a href="#">05-5</a> ) |
|----|--|



|               |
|---------------|
| GO TO STEP 18 |
|---------------|

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



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



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



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



|     |
|-----|
| END |
|-----|