

# HOW TO PROCEED WITH TROUBLESHOOTING

1 VEHICLE BROUGHT TO WORKSHOP



2 CUSTOMER PROBLEM ANALYSIS (See page 05-10)



3 CONNECT OBD SCAN TOOL OR INTELLIGENT 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 05-26)

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



5 CLEAR DTC AND FREEZE FRAME DATA (See page 05-26)



6 VISUAL INSPECTION



7 SETTING CHECK (TEST) MODE DIAGNOSIS (See page 05-27)



8 PROBLEM SYMPTOM CONFIRMATION

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

|                            |   |
|----------------------------|---|
| Malfunction does not occur | A |
| Malfunction occurs         | B |
| B Go to step 10            |   |



9

SYMPTOM SIMULATION



10

DTC CHECK (See page 05-26)

|                  |   |
|------------------|---|
| Malfunction code | A |
| No code          | B |

B

Go to step 12



11

DTC CHART (See page 05-36)



Go to step 14

12

BASIC INSPECTION (See page 05-12)

|                           |   |
|---------------------------|---|
| Wrong parts not confirmed | A |
| Wrong parts confirmed     | B |

B

Go to step 17



13

PROBLEM SYMPTOMS TABLE (See page 05-14)

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

B

Go to step 17



14

CHECK ECM POWER SOURCE CIRCUIT (See page 05-220)



15

CIRCUIT INSPECTION

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

B

Go to step 18



|    |  |
|----|--|
| 16 | CHECK FOR INTERMITTENT PROBLEMS (See page 05-11) |
|----|--|



|               |
|---------------|
| Go to step 18 |
|---------------|

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



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



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



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



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