

HOW TO PROCEED WITH TROUBLESHOOTING

HINT:

- Use this procedure to troubleshoot the engine immobilizer system.
- The hand-held tester should be used in steps 4, 5 and 7.

1 VEHICLE BROUGHT TO WORKSHOP



2 CUSTOMER PROBLEM ANALYSIS CHECK AND SYMPTOM CHECK (See page 05-2332)



3 START HYBRID CONTROL SYSTEM

- If the power switch's power mode cannot be changed to ON (ACC) or when the hybrid control system can be started, proceed to A.
- If the power switch's power mode can be changed to ON (ACC) and the hybrid control system cannot be started, proceed to B.

B

Go to **HYBRID CONTROL SYSTEM**
(See page 05-385)

A

4 CHECK FOR ENGINE IMMOBILIZER SYSTEM DTCS

- Check for DTCs and note any codes that are output.
- Delete the DTC.
- Recheck for DTCs. Try to prompt the DTC by simulating the original activity that the DTC suggests.
 - If the DTC does not reoccur, proceed to A.
 - If the DTC reoccurs, proceed to B.

B

Go to step 7

A

5 PROBLEM SYMPTOMS TABLE (See page 05-2343)

- If the fault is not listed on the problem symptoms table, proceed to A.
- If the fault is listed on the problem symptoms table, proceed to B.

B

Go to step 7

A

6 OVERALL ANALYSIS AND TROUBLESHOOTING

- (a) DATA LIST/ACTIVE TEST (see page [05-2352](#))
- (1) Inspection with the hand-held tester (DATA LIST).
 - (2) Inspection with the hand-held tester (ACTIVE TEST).
- (b) Terminals of ECU (see page [05-2344](#))

**7 ADJUST, REPAIR OR REPLACEMENT****8 CONFIRMATION TEST****END**