

HOW TO PROCEED WITH TROUBLESHOOTING

HINT:

- Use these procedures to troubleshoot the theft deterrent system.
- The hand-held tester should be used in steps 3 and 5.

1 VEHICLE BROUGHT TO WORKSHOP

2 CUSTOMER PROBLEM ANALYSIS CHECK AND SYMPTOM CHECK (See page 05-2501)

3 INSPECT COMMUNICATION FUNCTION OF LARGE-SCALE MULTIPLEX COMMUNICATION SYSTEM (BEAN)

- (a) Use the hand-held tester to check for normal function of the multiplex communication system.
- (1) (ECU unconnected, communication stop, communication line malfunctioning)
Without code outputs, proceed to A.
 - (2) (ECU unconnected, communication stop, communication line malfunctioning)
With code outputs, proceed to B.

B

Go to MULTIPLEX COMMUNICATION SECTION (See page 05-2558)

A

4 PROBLEM SYMPTOMS TABLE (See page 05-2508)

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

B

Go to step 6

A

5 OVERALL ANALYSIS AND TROUBLESHOOTING

- (a) DATA LIST/ACTIVE TEST (see page 05-2503)
- (1) Inspection with the hand-held tester (DATA LIST).
 - (2) Inspection with the hand-held tester (ACTIVE TEST).
- (b) Terminals of ECU (see page 05-2505)
- (c) On-vehicle inspection (see page 05-2528)

6 ADJUST, REPAIR OR REPLACE

7 CONFIRMATION TEST



END