05IE4–01

HOW TO PROCEED WITH TROUBLESHOOTING

HINT:

- Use this procedure to troubleshoot the push button start system.
- The intelligent tester II should be used in step 3.

1	VEHICLE BROUGHT TO WORKSHOP

2	CUSTOMER PROBLEM ANALYSIS CHECK AND SYMPTOM CHECK (See page 05–2133)

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

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

B	Go to MULTIPLEX COMMUNICATION SECTION (See page 05–2250)

A

4	DTC CHECK (See page 05–2143)

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

B	Go to step 6

A

5	PROBLEM SYMPTOMS TABLE (See page 05–2134)

(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 7

A

6	OVERALL ANALYSIS AND TROUBLESHOOTING

(a) DATA LIST/ACTIVE TEST (see page 05–2141).
  (1) Inspection with the intelligent tester II (DATA LIST).
  (2) Inspection with the intelligent tester II (ACTIVE TEST).
(b) On–vehicle inspection (see page 05–2197).
(c) Terminal of ECU (see page 05–2135).

7	ADJUST, REPAIR OR REPLACE

8	CONFIRMATION TEST

END