WIRELESS DOOR LOCK CONTROL SYSTEM

HOW TO PROCEED WITH TROUBLESHOOTING

05JY9–01

HINT:

- Use this procedure to troubleshoot the wireless door lock control system.
- The hand–held tester should be used in steps 3 and 6.

1	VEHICLE BROUGHT TO WORKSHOP

2	CUSTOMER PROBLEM ANALYSIS CHECK AND SYMPTOM CHECK (See page 05–1042)

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 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 05–1135)

A

4	CHECK DIAGNOSTIC TROUBLE CODE (See page 05–1044)

(a) Check for DTC and note any codes are output.
(b) Delete the DTC.
(c) Recheck for DTC. 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 7

A

5	PROBLEM SYMPTOMS TABLE (See page 05–1047)

(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) Pre–check (see page 05–1043).
  (1) Inspection with the hand–held tester (DATA LIST).
  (2) Inspection with the hand–held tester (ACTIVE TEST).
(b) Terminals of ECU (see page 05–1046).

7	ADJUSTMENT, REPAIR OR REPLACEMENT

8	CONFIRMATION TEST

END