POWER WINDOW CONTROL SYSTEM

HOW TO PROCEED WITH TROUBLESHOOTING

05JZ0–01

HINT:

- Use this procedure to troubleshoot the power window 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 05–989)**

3	**CHECK COMMUNICATION FUNCTION OF LARGE–SCALE BODY 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 SYSTEM (See page 05–1132)**

A

4	**DTC CHECK (See page 05–987)**

(a) Check for DTC and note code that is output.
(b) Delete DTC.
(c) Recheck for DTC. Try to promt 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 05–987)**

(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 05–987)
  (1) Inspection with the hand–held tester (DATA LIST)
  (2) Inspection with the hand–held tester (ACTIVE TEST)
(b) Terminals of ECU (see page 05–987)

7	ADJUST, REPAIR OR REPLACE

8	CONFIRMATION TEST

END