05H0Q–01

HOW TO PROCEED WITH TROUBLESHOOTING

The intelligent tester II can be used at steps 4, 5, 6, 7, and 12.

1	VEHICLE BROUGHT TO WORKSHOP

2	CUSTOMER PROBLEM ANALYSIS (SEE PAGE 05–3633)

3	PROBLEM SYMPTOM CONFIRMATION

4	CHECK BODY MULTIPLEX COMMUNICATION SYSTEM (SEE PAGE 05–3140)

(a) Check if any DTCs are output.

HINT:

The ECM and cruise control ECU (distance control ECU) of this system are connected to the multiplex communication system. Therefore, before starting troubleshooting, make sure to check that there is no trouble in the multiplex communication system.

MULTIPLEX SYSTEM DTC IS OUTPUT (PROCEED TO "BODY MULTIPLEX COMMUNICATION SYSTEM")	
NO MULTIPLEX SYSTEM DTC (GO TO STEP 5)	

5	CHECK CAN COMMUNICATION SYSTEM (SEE PAGE 05–3306)

(a) Check if any DTCs are output.

HINT:

The ECM and cruise control ECU (distance control ECU) of this system are connected to the CAN communication system. Therefore, before starting troubleshooting, make sure to check that there is no trouble in the CAN communication system.

CAN SYSTEM DTC IS OUTPUT (PROCEED TO "CAN COMMUNICATION SYSTEM")	
NO CAN SYSTEM DTC (GO TO STEP 6)	

6	DTC CHECK AND CLEAR (SEE PAGE 05–3646)

7	DTC CHECK (OTHER THAN MULTIPLEX AND CAN SYSTEM DTC) (SEE PAGE 05–3646)

→ TROUBLE CODE (GO TO STEP 8)

→ NORMAL SYSTEM CODE (GO TO STEP 9)

8	DTC CHART (SEE PAGE 05–3651)

GO TO STEP 12

9	PROBLEM SYMPTOM SIMULATION

→ SYMPTOM DOES NOT OCCUR (GO TO STEP 10)

→ SYMPTOM OCCURS (GO TO STEP 11)

10	SYMPTOM SIMULATION (SEE PAGE 01–44)

11	PROBLEM SYMPTOMS TABLE (SEE PAGE 05–3638)

12	CIRCUIT INSPECTION (SEE PAGE 05–3653 – 05–3694)

13	TERMINAL OF ECU (SEE PAGE 05–3640)

14	PROBLEM IDENTIFICATION

15	REPAIR OR REPLACE

16	CONFIRMATION TEST

END