

# HOW TO PROCEED WITH TROUBLESHOOTING

Perform troubleshooting in accordance with the procedure on the following page.

**[1] CUSTOMER PROBLEM ANALYSIS**

Using the customer problem analysis check sheet for reference, ask the customer in as much detail as possible about the problem.

**[2] PROBLEM SYMPTOM CONFIRMATION, [3] SYMPTOM SIMULATION.**

Confirm the problem symptoms. If the problem does not reappear, be sure to simulate the problem using the "Problem Simulation Methods".

**[4] MATRIX CHART OF PROBLEM SYMPTOMS**

Confirm the order of inspection on the matrix chart for the particular problem symptom involved. For "Not Functioning" problems, pay attention to the points in [2] to find out the specifics of the problem, then choose the most appropriate problem symptom from among those listed on the matrix chart, and proceed with troubleshooting accordingly.

**[5] CIRCUIT INSPECTION**

Proceed with diagnosis of each circuit in accordance with the inspection order confirmed in [4]. Determine whether the cause of the problem is in the sensor, actuators, wire harness and connectors, or the ECU.

**[6] POSITION SENSOR CHECK**

This function checks that the signal from position sensor is correctly input into the ECU. The instructions for this diagnosis are included in the flow chart for the position sensor circuit.

**[7] REPAIR**

After the cause of the problem is located, perform repairs by following the inspection and replacement procedures in this manual.

**[8] CONFIRMATION TEST**

After completing repairs, confirm that the problem is eliminated and power walk-in operation is normal.

