

# HOW TO TROUBLESHOOT ECU CONTROLLED SYSTEMS

010RP-02

## GENERAL INFORMATION

A large number of ECU controlled systems are used in the LEXUS LS 430. In general, ECU controlled systems are considered to be very intricate, requiring a high level of technical knowledge to troubleshoot. However, most problem checking procedures only involve inspecting the ECU controlled system's circuits one by one. An adequate understanding of the system and a basic knowledge of electricity is enough to perform effective troubleshooting, accurate diagnoses and necessary repairs. Detailed information and troubleshooting procedures on major ECU controlled systems in this vehicle are outlined below:

System	Page
1. Dynamic Laser Cruise Control System	<a href="#">05-1</a>
2. Pre-crash Safety System	<a href="#">05-80</a>

### FOR USING INTELLIGENT TESTER II

- Before using the tester, the tester operator's manual should be read thoroughly.
- Connect the cable of the tester to the DLC3, turn the main switch ON and attempt to use the tester. If the display indicates that a communication error has occurred, there is problem either with the vehicle or with the tester.
  - (1) If communication is normal when the tester is connected to another vehicle, inspect the diagnosis data link line (Bus (+) line) or ECU power circuit of the vehicle.
  - (2) If communication is still not possible when the tester is connected to another vehicle, the problem may be in the tester itself. Perform the Self Test procedures outlined in the tester operator's manual.