

HOW TO TROUBLESHOOT ECU CONTROLLED SYSTEMS

010N2-01

GENERAL INFORMATION

A large number of ECU controlled systems are used in the SCION xB. 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. SFI System	05-1
2. ABS with EBD & BA & TRAC & VSC System	05-259
3. Electronically Controlled Automatic Transmission [ECT]	05-365
4. Supplemental Restraint System	05-445
5. Combination Meter	05-587
6. Power Door Lock Control System	05-637
7. Wireless Door Lock Control System	05-668
8. CAN Communication System	05-690

FOR USING OBDII SCAN TOOL OR HAND-HELD TESTER

- Before using the scan tool or tester, the scan tool's instruction book or tester's operator manual should be read thoroughly.
- If the scan tool or tester cannot communicate with the ECU controlled systems when you have connected the cable of the tester to the DLC3 with the ignition switch and tester turned ON, there is a problem on the vehicle side or tester side.
 - (1) If the communication is normal when the tester is connected to another vehicle, inspect the diagnosis data link line (Bus \oplus line) or ECU power circuit of the vehicle.
 - (2) If communication is still impossible when the tester is connected to another vehicle, the problem is probably in the tester itself, so perform the Self Test procedures outlined in the Tester Operator's Manual.