

HOW TO TROUBLESHOOT ECU CONTROLLED SYSTEMS

GENERAL INFORMATION

01044-19

A large number of ECU controlled systems are used in the CAMRY. 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 (2AZ-FE)	05-1
2. SFI System (2AZ-FE) (PZEV)	05-346
3. SFI System (1MZ-FE/3MZ-FE)	05-491
4. ABS with EBD System (BOSCH made)	05-869
5. ABS with EBD System (DENSO made)	05-928
6. ABS with EBD & BA & TRAC & VSC System	05-980
7. Electronic Controlled Automatic Transmission [ECT] (U250E)	05-1104
8. Electronic Controlled Automatic Transmission [ECT] (U151E)	05-1232
9. Air Conditioning System	05-1360
10. Supplemental Restraint System	05-1443
11. Lighting System	05-1787
12. Audio System	05-1819
13. Navigation System	05-1888
14. Combination Meter	05-1992
15. Power Window Control System	05-2055
16. Power Door Lock Control System	05-2072
17. Wireless Door Lock Control System	05-2088
18. Engine immobiliser System	05-2106
19. Theft Deterrent System	05-2133
20. Multiplex Communication System	05-2148
21. Can Communication System	05-2161
22. Cruise Control System	05-2206

FOR USING OBD II 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 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 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.