

HOW TO TROUBLESHOOT ECU CONTROLLED SYSTEMS

GENERAL INFORMATION

010S3-01

A large number of ECU controlled systems are used in the PRIUS. 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:

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2. Hybrid Control System	05-385
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4. Electronically Controlled Brake System	05-941
5. Shift Control System (Parking Lock Control)	05-1138
6. Electronic Power Steering System	05-1202
7. Air Conditioning System	05-1246
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12. Combination Meter	05-1974
13. Power Window Control System	05-2019
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15. Smart Entry System	05-2134
16. Wireless Door Lock Control System (w/ Smart Entry System)	05-2220
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18. Key Reminder Warning System	05-2298
19. Engine Immobilizer System (w/ Smart Entry System)	05-2316
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25. Cruise Control System	05-2671

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 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 power 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. Perform the Self Test procedures outlined in the Tester Operator's Manual.