

Multiplex Control System

Confirming the Function

1. Shifting to the sleep mode:
 - 1) Turn the ignition switch OFF.
 - 2) Cancel the key-off operation timer in power window system by opening and closing one of the front doors.
 - 3) Make sure that the trunk is closed, and exterior lights are off.
 - 4) If you do not operate the switches related to the multiplex control units more than one minute after meeting the above conditions, the system function shifts to the sleep mode.
(All of the switches must be turned OFF except door lock knob switches, ignition key switch, audio switch, and hood switch.)
2. Confirming the sleep mode:
 - 1) Check for voltage between the wake up line (PNK/BLU wire between driver's and passenger's control unit).
There should be no voltage with the sleep mode OFF.
There should be battery voltage with the sleep mode ON.
 - 2) Check for voltage between each communication line and body ground while shifting to the sleep mode. There should be no voltage.
 - 3) Check the parasitic draw at the battery while shifting to the sleep mode. The ampere should change from 100 mA to less than 100 mA.
3. Confirming the wake up mode:

After confirming the sleep mode, turn the related switch (see previous table) ON, and wake up each control unit. If all of the operations works properly, the wake up mode is OK.

(If any of the control units are faulty and cannot wake up, several parts of the system will not work at the same time.)