05AEP–01

PRE–CHECK

1. MULTIPLEX COMMUNICATION SYSTEM (BEAN)

(a) The BEAN communication line is used to control the power window regurator master switch assy (driver door ECU), the door openring relay assy (double locking ECU) and the theft warning ECU (theft deterrent ECU), which are connected to the instrument panel junction block assy (body ECU). If there is a short–circuit (bus–down) in the line, the communication to the system that has a short–circuit (bus–down)will be disabled and the DTC concerning the system will be output from the instrument panel junction block assy (body ECU).

2. CHECK COMMUNICATION FUNCTION

(a) Check the battery voltage.
Standard: 10 – 14 V

(b) Inspect the diagnosis monitor code output.
(1) Check a diagnosis code for the instrument panel junction block assy (body ECU) by connecting the hand–held tester to the DLC3 and turning the ignition switch ON.

HINT:

- When diagnosis code check is impossible, check the following items.
- Display shows communication error (refer to new diagnostic system and the operations when an error occurred.)

(2) When the display shows diagnostic codes of the ECU unconnected and the communication bus defective, perform the inspection depending on the troubleshooting.

HINT:

When other diagnostic code is output, refer to the diagnostic code table and check the applicable section.