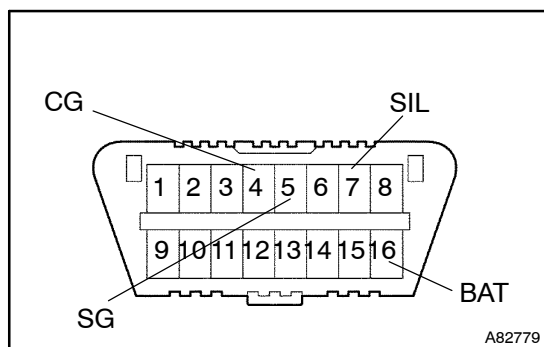


## DIAGNOSIS SYSTEM

### 1. DESCRIPTION

- (a) The theft deterrent ECU controls the functions of the theft deterrent system on the vehicle. Data of the power mirror control can be read in the Data Link Connector 3 (DLC3) of the vehicle. When the system seems to be malfunctioning, use the intelligent tester II to check for a malfunction and perform repairs.

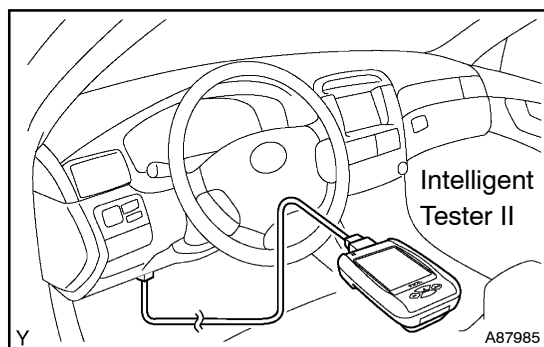


### 2. CHECK DLC3

#### HINT:

The vehicle's ECU uses the ISO 15765-4 for communication protocol. The terminal arrangement of the DLC3 complies with ISO 15031-03 and matches the ISO 15765-4 format.

Symbol	Terminal No.	Name	Reference terminal	Result	Condition
SIL	7	Bus <sup>+</sup> + line	5-Signal ground	Pulse generation	During transmission
CG	4	Chassis ground	Body ground	1 $\Omega$ or less	Always
SG	5	Signal ground	Body ground	1 $\Omega$ or less	Always
BAT	16	Battery positive	Body ground	9 to 14 V	Always



#### HINT:

Connect the cable of the intelligent tester II to the DLC3, turn the ignition switch ON and attempt to use the intelligent tester II. If the screen displays UNABLE TO CONNECT TO VEHICLE, a problem exists on the vehicle side or the tester side.

- If communication is normal when the tool is connected to another vehicle, inspect the DLC3 on the original vehicle.
- If communication is still impossible when the tool is connected to another vehicle, the problem is probably in the tool itself. Consult the Service Department listed in the tool's instruction manual.

### 3. CHECK BATTERY VOLTAGE

**Standard: 11 to 14 V**

If voltage is below 11 V, replace the battery before proceeding.