

### 6. Subaru Select Monitor

#### A: OPERATION

- For operation procedures, refer to the “PC application help for Subaru Select Monitor”.
- If the auto headlight beam leveler CM can not communicate with Subaru Select Monitor, perform “COMMUNICATION FOR INITIALIZING IMPOSSIBLE”. <Ref. to AL(diag)-8, INSPECTION, Subaru Select Monitor.>

# Subaru Select Monitor

## AUTO HEADLIGHT BEAM LEVELER SYSTEM (DIAGNOSTICS)

### B: INSPECTION

#### 1. COMMUNICATION FOR INITIALIZING IMPOSSIBLE

Communication error with auto headlight beam leveler CM

##### DETECTING CONDITION:

- Defective harness connector
- Power supply circuit malfunction
- Defective auto headlight beam leveler CM
- Defective CAN communication circuit
- Defective Subaru Select Monitor

##### TROUBLE SYMPTOM:

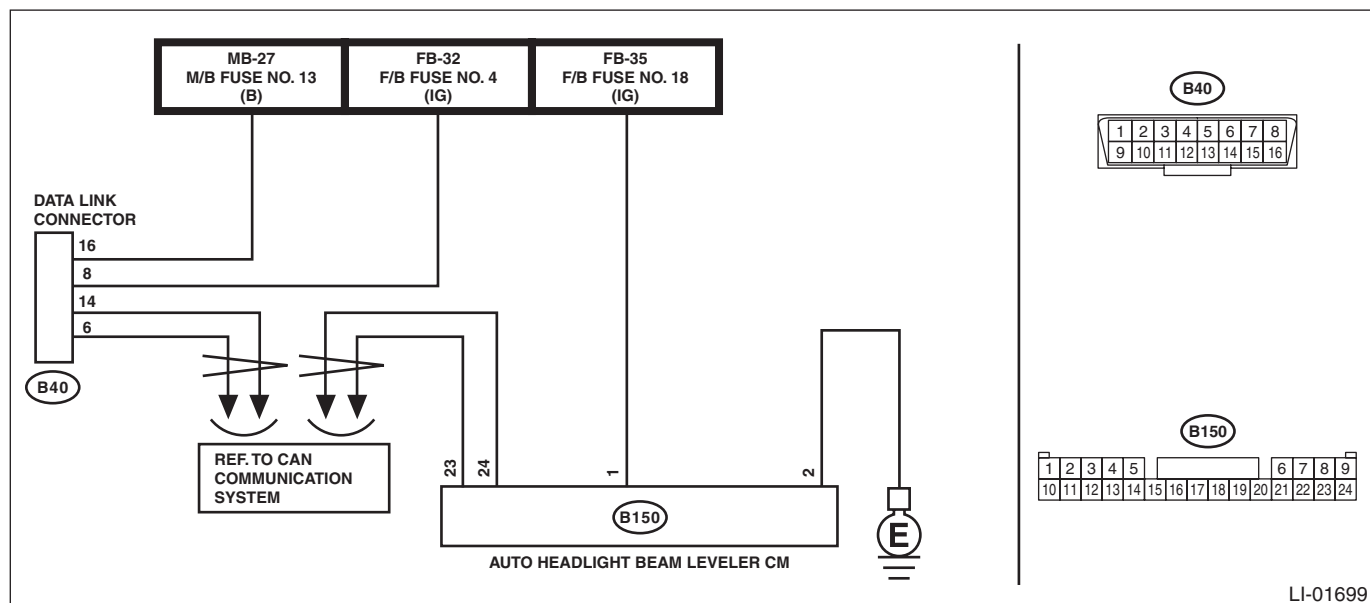
Communication is impossible between auto headlight beam leveler CM and Subaru Select Monitor.

##### CAUTION:

**Initialization is required after replacing the auto headlight beam leveler CM.**

##### WIRING DIAGRAM:

Headlight beam leveler system <Ref. to WI-250, WIRING DIAGRAM, Headlight Beam Leveler System.>



| Step                                                                                                                                                 | Check                                                  | Yes                                                               | No                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1<br><b>CHECK OTHER COMMUNICATION.</b><br>Communicate with the system other than the auto headlight beam leveler CM using the Subaru Select Monitor. | Is the communication to other control module possible? | Go to step 2.                                                     | Perform the "Communication for Initializing Impossible" of LAN system. <Ref. to LAN(diag)-11, COMMUNICATION FOR INITIALIZING IMPOSSIBLE, Subaru Select Monitor.> |
| 2<br><b>CHECK LAN SYSTEM.</b><br>Inspect LAN system. <Ref. to LAN(diag)-2, PROCEDURE, Basic Diagnostic Procedure.>                                   | Is there any fault?                                    | Perform the inspection according to the diagnosis for LAN system. | Go to step 3.                                                                                                                                                    |

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### AUTO HEADLIGHT BEAM LEVELER SYSTEM (DIAGNOSTICS)

| Step                                                                                                                                                                                                                                                                                   | Check                      | Yes                                                      | No                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>3</b><br><b>CHECK FOR POOR CONTACT.</b><br>1) Turn the ignition switch to OFF.<br>2) Disconnect the auto headlight beam leveler CM connector.<br>3) Connect the disconnected connectors.<br>4) Communicate with the auto headlight beam leveler CM using the Subaru Select Monitor. | Is communication possible? | It is possible that temporary poor communication occurs. | Replace the auto headlight beam leveler CM. <Ref. to LI-71, Auto Headlight Beam Leveler Control Module.> |