

Subaru Select Monitor

AUTO HEADLIGHT BEAM LEVELER SYSTEM (DIAGNOSTICS)

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)-7, INSPECTION, Subaru Select Monitor.>

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:

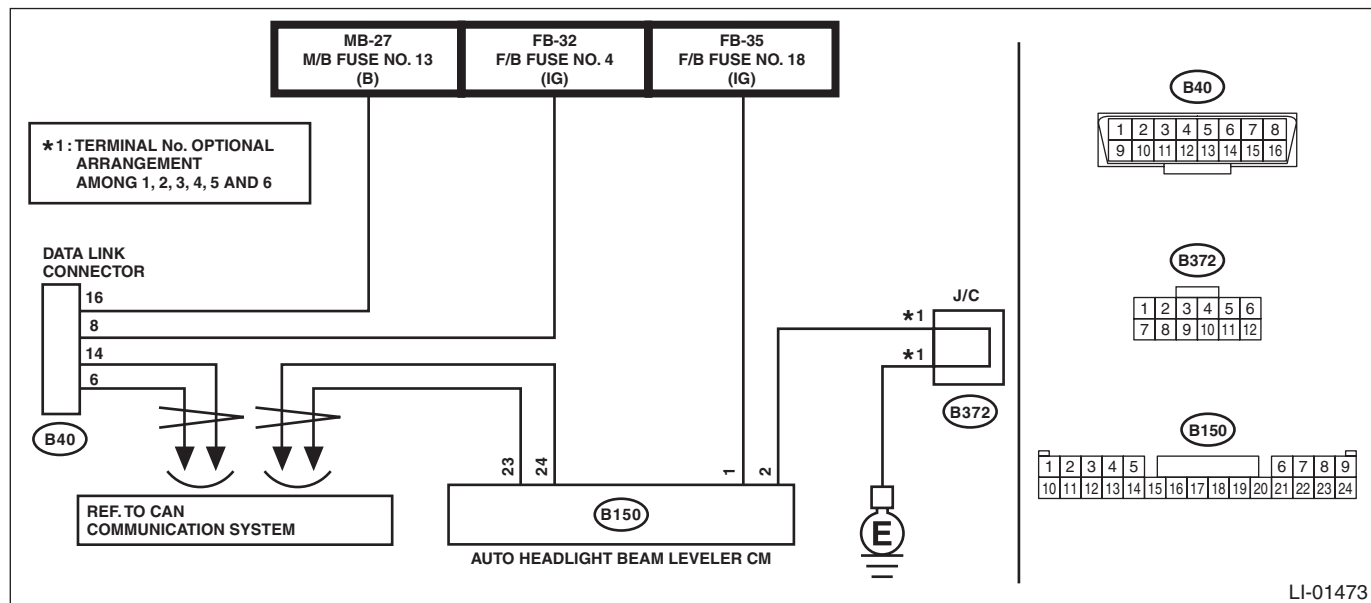
Communication is impossible between auto headlight beam leveler CM and Subaru Select Monitor.

CAUTION:

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

WIRING DIAGRAM:

Headlight beam leveler system <Ref. to WI-254, WIRING DIAGRAM, Headlight Beam Leveler System.>



Step	Check	Yes	No
1	CHECK OTHER COMMUNICATION. Communicate with the system other than the auto headlight beam leveler CM using the Subaru Select Monitor.	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.>

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Step	Check	Yes	No
2 CHECK LAN SYSTEM. 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.
3 CHECK FOR POOR CONTACT. 1) Turn the ignition switch to OFF. 2) Disconnect the auto headlight beam leveler CM connector. 3) Connect the disconnected connectors. 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-72, Auto Headlight Beam Leveler Control Module.>