

4. Day Time Running Light System

A: WIRING DIAGRAM

Refer to "Headlight System" in the wiring diagram.

- Gasoline engine model: <Ref. to WI(w/o HEV)-138, WIRING DIAGRAM, Headlight System.>
- HEV model: <Ref. to WI(HEV)-136, WIRING DIAGRAM, Headlight System.>

B: INSPECTION

1. DAYTIME RUNNING LIGHT SYSTEM CHECK

| Step | Check | Yes | No |
|---|---|---|--|
| 1 CHECK FUSE. 1) Turn the ignition to OFF. 2) Check the headlight HI fuse. | Is the fuse OK? | Go to step 2. | Replace the fuse. |
| 2 CHECK RELAY. Check the daytime running light relay and headlight HI relay. | Is the relay OK? | Go to step 3. | Replace the relay. |
| 3 CHECK BODY INTEGRATED UNIT. Read the DTC of body integrated unit using Subaru Select Monitor. NOTE: For detailed procedures, refer to "PC application help for Subaru Select Monitor". | Is DTC displayed? | Perform the diagnosis according to DTC. | Go to step 4. |
| 4 CHECK CURRENT DATA. Display the following items using Subaru Select Monitor. <ul style="list-style-type: none">• «Parking Brake Switch Input»• «Shift position»• «Lighting II Switch Input» | Is the input signal normal? | Go to step 5. | Check the defective part. |
| 5 CHECK HEADLIGHT ILLUMINATION. 1) Turn the ignition to ON. 2) Turn the lighting switch to the switch II (HEAD) position. 3) Turn the dimmer & passing switch to the switch UP position. | Does the headlight (high beam) illuminate? | Go to step 6. | Check the combination switch (light) and headlight bulb. |
| 6 CHECK DAYTIME RUNNING LIGHT RESISTOR. 1) Turn the ignition to OFF. 2) Check the daytime running light resistor. <Ref. to LI-97, INSPECTION, Day Time Running Resistor.> | Does the daytime running light resistor normal? | Go to step 7. | Replace the daytime running light resistor. |
| 7 CHECK HARNESS. 1) Disconnect the connectors of body integrated unit, daytime running light relay, daytime running light resistor, and headlight. 2) Check each harness. | Is harness normal? | Replace the body integrated unit. <Ref. to SL-87, Body Integrated Unit.> | Repair or replace the harness. |

C: NOTE

For operation procedures of each component of the daytime running light system, refer to the respective section.

- Headlight Assembly: <Ref. to LI-29, Headlight Assembly.>
- Headlight bulb: <Ref. to LI-36, Headlight Bulb.>
- Combination switch (light): <Ref. to LI-21, Combination Switch (Light).>
- Daytime running resistor: <Ref. to LI-96, Day Time Running Resistor.>