

# Day Time Running Light System

## LIGHTING SYSTEM

### 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	<b>CHECK FUSE.</b> 1) Turn the ignition to OFF. 2) Check the headlight HI fuse.	Is the fuse OK?	Go to step 2.	Replace the fuse.
2	<b>CHECK RELAY.</b> Check the daytime running light relay and headlight HI relay.	Is the relay OK?	Go to step 3.	Replace the relay.
3	<b>CHECK BODY INTEGRATED UNIT.</b> 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	<b>CHECK CURRENT DATA.</b> Display the following items using Subaru Select Monitor. <ul style="list-style-type: none"><li>• «Parking Brake Switch Input»</li><li>• «Shift position»</li><li>• «Lighting II Switch Input»</li></ul>	Is the input signal normal?	Go to step 5.	Check the defective part.
5	<b>CHECK HEADLIGHT ILLUMINATION.</b> 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	<b>CHECK DAYTIME RUNNING LIGHT RESISTOR.</b> 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	<b>CHECK HARNESS.</b> 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.>