

# Day Time Running Light System

## LIGHTING SYSTEM

### 3. Day Time Running Light System

#### A: WIRING DIAGRAM

<Ref. to WI-91, WIRING DIAGRAM, Headlight System.>

#### B: INSPECTION

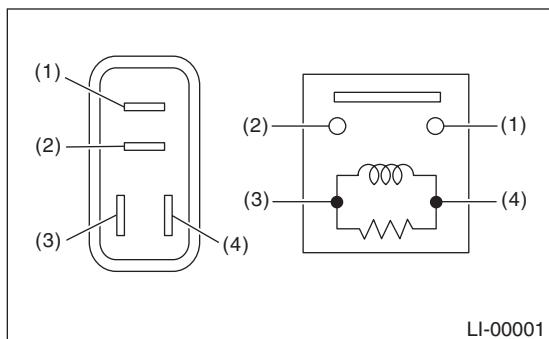
##### 1. DAYTIME RUNNING LIGHT MODULE CHECK

Step	Check	Yes	No
1 <b>CHECK POWER SUPPLY CIRCUIT.</b> 1) Turn the ignition switch to ON. 2) Measure the voltage between the daytime running light module terminal and chassis ground.  <i>Connector &amp; terminal</i> (B96) No. 2 (+) — Chassis ground (-): (B242) No. 6 (+) — Chassis ground (-):	Is the voltage battery voltage?	Go to step 2.	Check the fuse and the power supply circuit.
2 <b>CHECK GROUND CIRCUIT.</b> 1) Disconnect the daytime running light module connector. 2) Measure the resistance between the daytime running light module connector and chassis ground.  <i>Connector &amp; terminal</i> (B242) No. 10 (+) — Chassis ground (-):	Is the resistance less than 1 $\Omega$ ?	Go to step 3.	Check the ground circuit.
3 <b>CHECK THE PARKING SIGNAL.</b> 1) Connect the daytime running light module connector. 2) Measure the voltage between the terminal and chassis ground when pulling parking brake lever and releasing.  <i>Connector &amp; terminal</i> (B96) No. 4 (+) — Chassis ground (-):	Does the voltage change to 0 $\leftrightarrow$ battery voltage?	Go to step 4.	Check the parking brake switch circuit.
4 <b>CHECK THE STARTER SIGNAL.</b> Turn the ignition switch to ON $\leftrightarrow$ Starter and measure the voltage of terminal.  <i>Connector &amp; terminal</i> (B96) No. 7 (+) — Chassis ground (-):	Does the voltage change to 0 $\leftrightarrow$ battery voltage?	Go to step 5.	Check the starter switch circuit.
5 <b>CHECK THE HEADLIGHT SWITCH SIGNAL.</b> Turn the headlight switch to LO $\leftrightarrow$ OFF and measure the voltage of terminal.  <i>Connector &amp; terminal</i> (B242) No. 2 (+) — Chassis ground (-):	Does the voltage change to 0 $\leftrightarrow$ battery voltage?	Go to step 6.	Check the combination switch and the headlight LO circuit.
6 <b>CHECK THE HEADLIGHT SWITCH SIGNAL.</b> Turn the headlight switch to HI $\leftrightarrow$ OFF and measure the voltage of terminal.  <i>Connector &amp; terminal</i> (B96) No. 1 (+) — Chassis ground (-):	Does the voltage change to 0 $\leftrightarrow$ battery voltage?	Go to step 7.	Check the combination switch and the headlight HI circuit.
7 <b>CHECK THE HEADLIGHT SIGNAL.</b> 1) Turn the ignition switch to ON. 2) Turn the headlight from HI to ON/OFF and measure the voltage of terminal.  <i>Connector &amp; terminal</i> (B242) No. 5 (+) — Chassis ground (-): (B96) No. 3 (+) — Chassis ground (-):	Does the voltage change to 0 $\leftrightarrow$ battery voltage?	Go to step 8.	Check the headlight HI circuit.

Step	Check	Yes	No
<b>8 CHECK THE HEADLIGHT SIGNAL.</b> 1) Turn the ignition switch to ON. 2) Measure the voltage of terminal on passing of headlight. <b>Connector &amp; terminal</b> <i>(B242) No. 4 (+) — Chassis ground (-):</i>	Does the voltage change to 0 $\longleftrightarrow$ battery voltage?	If the above test is OK, replace the daytime running light module.	Check the headlight HI circuit.

## 2. LOW BEAM RELAY

Measure the resistance between the daytime running relay terminals when connecting terminal No. 4 to the battery positive terminal and terminal No. 3 to the battery ground terminal.



Continuity	Terminal No.	Standard
Yes	1 and 2	Less than 1 $\Omega$
No		1 $M\Omega$ or more