

Day Time Running Lamp System

LIGHTING SYSTEM

3. Day Time Running Lamp System

A: WIRING DIAGRAM

<Ref. to WI-129, WIRING DIAGRAM, Headlight System.>

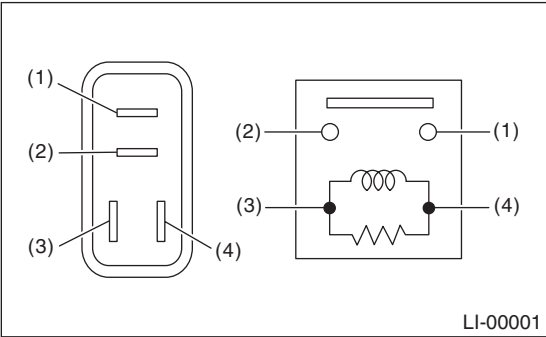
B: INSPECTION

1. DAYTIME RUNNING LIGHT MODULE CHECK

Step	Check	Yes	No
1 CHECK THE POWER SUPPLY CIRCUIT. 1) Turn the ignition switch to ON. 2) Measure the voltage between the daytime running light module terminal and chassis ground. Connector & terminal (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 CHECK THE GROUND CIRCUIT. 1) Disconnect the daytime running light module connector. 2) Measure the resistance between the daytime running light module connector and chassis ground. Connector & terminal (B242) No. 10 (+) — Chassis ground (-):	Is the resistance less than 1 Ω?	Go to step 3.	Check the ground circuit.
3 CHECK THE PARKING SIGNAL. 1) Connect the daytime running light module connector. 2) Measure the resistance between the terminal and chassis ground when pulling parking brake lever and releasing. Connector & terminal (B96) No. 4 (+) — Chassis ground (-):	Does the voltage change to 0⇔ battery voltage?	Go to step 4.	Check the parking brake switch circuit.
4 CHECK THE STARTER SIGNAL. Turn the ignition switch to ON ⇔ Starter and measure the voltage of terminal. Connector & terminal (B96) No. 7 (+) — Chassis ground (-):	Does the voltage change to 0⇔ battery voltage?	Go to step 5.	Check the starter switch circuit.
5 CHECK THE HEADLIGHT SWITCH SIGNAL. Turn the headlight switch to LO ⇔ OFF and measure the voltage of terminal. Connector & terminal (B242) No. 2 (+) — Chassis ground (-):	Does the voltage change to 0⇔ battery voltage?	Go to step 6.	Check the combination switch and the headlight LO circuit.
6 CHECK THE HEADLIGHT SWITCH SIGNAL. Turn the headlight switch to HI ⇔ OFF and measure the voltage of terminal. Connector & terminal (B96) No. 1 (+) — Chassis ground (-):	Does the voltage change to 0⇔ battery voltage?	Go to step 7.	Check the combination switch and the headlight HI circuit.
7 CHECK THE HEADLIGHT SIGNAL. 1) Turn the ignition switch to ON. 2) Turn the headlight from LO to ON/OFF and measure the voltage of terminal. Connector & terminal (B242) No. 5 (+) — Chassis ground (-):	Does the voltage change to 0⇔ battery voltage?	Go to step 8.	Check the headlight LO circuit.
8 CHECK THE HEADLIGHT SIGNAL. 1) Turn the ignition switch to ON. 2) Measure the voltage of terminal on passing of headlight. Connector & terminal (B96) No. 3 (+) — Chassis ground (-):	Does the voltage change to 0⇔ battery voltage?	If the above test is OK, replace the daytime running light module.	Check the headlight HI circuit.

2. DAYTIME RUNNING RELAY

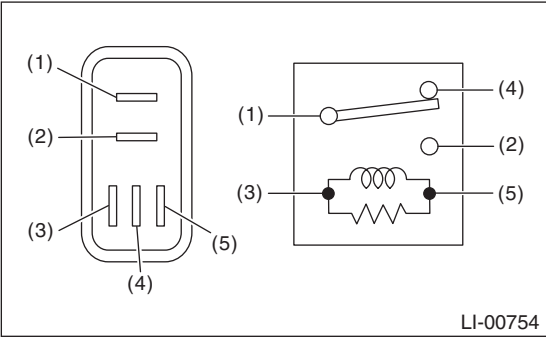
Measure the resistance between the daytime running relay terminals when connecting terminal No. 4 to the battery positive terminal and terminal No. 3 to the battery ground terminal.



Continuity	Terminal No.	Standard
Yes	1 and 2	Less than 1 Ω
No		1 MΩ or more

3. DAYTIME RUNNING RELAY (TAIL)

Measure the resistance between the daytime running relay (tail) terminals when connecting terminal No. 3 to the battery positive terminal and terminal No. 5 to the battery ground terminal.



Continuity	Terminal No.	Standard
Yes	1 and 2	Less than 1 Ω
No		1 MΩ or more
Yes	1 and 4	1 MΩ or more
No		Less than 1 Ω