3. Day Time Running Light System

A: WIRING DIAGRAM

<Ref. to WI-125, WIRING DIAGRAM, Headlight System.>

B: INSPECTION

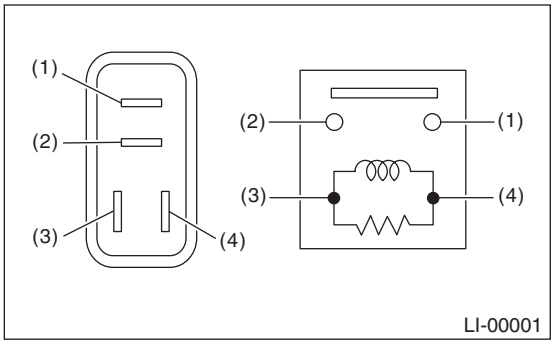
1. DAYTIME RUNNING LIGHT MODULE CHECK

	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 HI to ON/OFF and measure the voltage of terminal. ***Connector & terminal*** ***(B242) No. 5 (+) — Chassis ground (–):*** ***(B96) No. 3 (+) — Chassis ground (–):***	Does the voltage change to 0⇔ battery voltage?	Go to step **8**.	Check the headlight HI circuit.

Step		Check	Yes	No
8	**CHECK THE HEADLIGHT SIGNAL.** 1) Turn the ignition switch to ON. 2) Measure the voltage of terminal on passing of headlight. ***Connector & terminal*** ***(B242) No. 4 (+) — 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. 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 Ω
No		1 MΩ or more