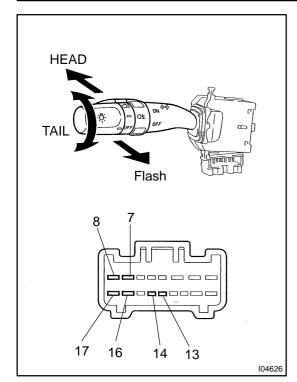
BE23V-01



INSPECTION

I. INSPECT LIGHT CONTROL SWITCH CONTINUITY

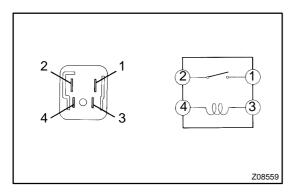
Tester connection	Switch position	Specified condition
-	OFF	No continuity
14 - 16	TAIL	Continuity
13 - 14 - 16	HEAD	Continuity

If the continuity is not as specified, replace the switch.

2. INSPECT HEADLIGHT DIMMER SWITCH CONTINU-ITY

Tester connection	Switch position	Specified condition
16 - 17	Low beam	Continuity
7 - 16	High beam	Continuity
7 - 8 - 16	Flash	Continuity

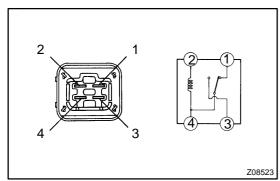
If the continuity is not as specified, replace the switch.



3. INSPECT HEADLIGHT CONTROL RELAY CONTINU-ITY

Tester connection	Condition	Specified condition
3 - 4	Constant	Continuity
1 - 2	Apply B+ between terminals 3 and 4	Continuity

If the continuity is not as specified, replace the relay.



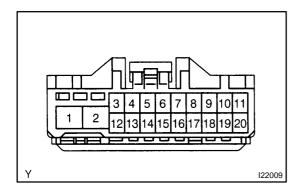
4. INSPECT HEADLIGHT DIMMER RELAY CONTINUITY

Tester connection	Condition	Specified condition
1 - 4	Constant	Continuity
2 - 4		
3 - 4	Apply B+ between terminals 2 and 4	Continuity

If the continuity is not as specified, replace the relay.

2002 4RUNNER (RM887U)

Author: Date: 1483

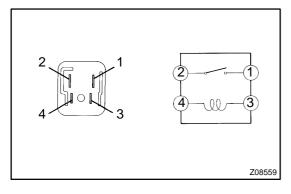


5. INSPECT DAYTIME RUNNING LIGHT RELAY (MAIN) CIRCUIT

Disconnect the connector from the relay and inspect the connector on the wire harness side.

Tester connection	Condition	Specified condition
1 - 4	Constant	Continuity
2 - Ground	Constant	Continuity
3 - Ground	Constant	Battery positive voltage
5 - Ground	Constant	Continuity
6 - Ground	Constant	Battery positive voltage
7.0	Light control switch position OFF or TAIL	No continuity
7 - Ground	Light control switch position HEAD	Continuity
	Headlight dimmer switch position Low beam	No continuity
8 - Ground	Headlight dimmer switch position High beam or Flash	Continuity
	Engine stop	No voltage
9 - Ground	Engine running	Battery positive voltage
	Parking brake switch position OFF Parking brake lever released	No continuity
11 - Ground	Parking brake switch position ON Parking brake lever pulled up	Continuity
40.0	Ignition switch position LOCK or ACC	No voltage
12 - Ground	Ignition switch position ON or START	Battery positive voltage

If the circuit is as specified, perform the following inspections.



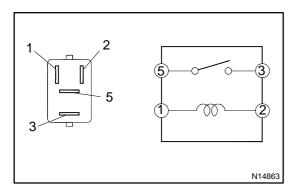
6. INSPECT NO. 4 DAYTIME RUNNING LIGHT RELAY CONTINUITY

Ī	Tester connection	Condition	Specified condition
Ī	3 - 4	Constant	Continuity
	1 - 2	Apply B+ between terminals 3 and 4	Continuity

If the continuity is not as specified, replace the relay.

2002 4RUNNER (RM887U)

Author: Date: 1484



7. INSPECT TAILLIGHT CONTROL RELAY CONTINUITY

Tester connection	Condition	Specified condition
1 - 2	Constant	Continuity
3 - 5	Apply B+ between terminals 1 and 2	Continuity

If the continuity is not as specified, replace the relay.

2002 4RUNNER (RM887U)

Author: Date: 1485