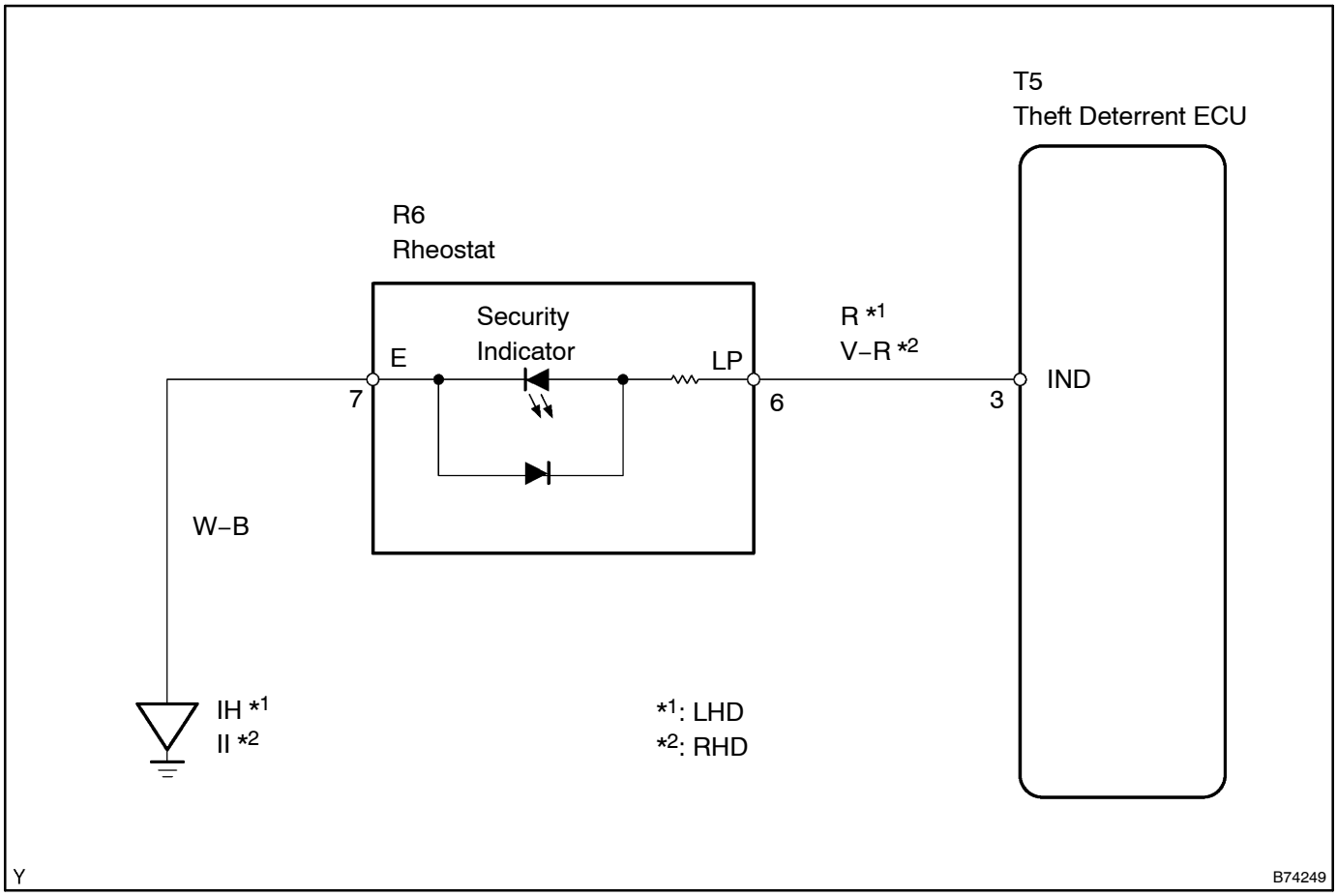
SECURITY INDICATOR CIRCUIT

CIRCUIT DESCRIPTION

When the theft deterrent system is in the disarmed state, the security indicator flashes continuously if the immobilizer system is set, or does not illuminate if the immobilizer system is not set.
When the theft deterrent system is in the armed state, the immobilizer system is automatically set and the security indicator flashes continuously.
When the theft deterrent system is in the arming preparation state and alarm sounding state, the multiplex network body ECU causes the security indicator to be illuminated.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	PREFORM ACTIVE TEST USING INTELLIGENT TESTER II

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the ignition switch ON and press the intelligent tester II main switch ON.
(c) Select the item below in the ACTIVE TEST and then check that the indicator operates.
Theft deterrent ECU:
Steering lock ECU:

Item	Test Details	Diagnostic Note
Security indicator	Turn ON/OFF	–

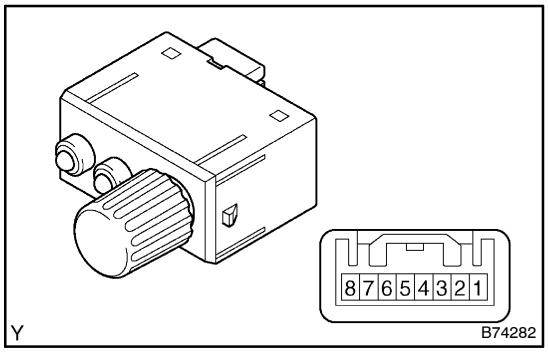
OK: Security indicator operates normally.

NG → **Go to step 2**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–3074).

2	INSPECT RHEOSTAT



(a) Remove the rheostat.
(b) Apply 12 V positive voltage between the terminals of the indicator, and check the lighting condition of the security indicator.
OK:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 6	Illuminates
Battery positive (–) → Terminal 7	Illuminates

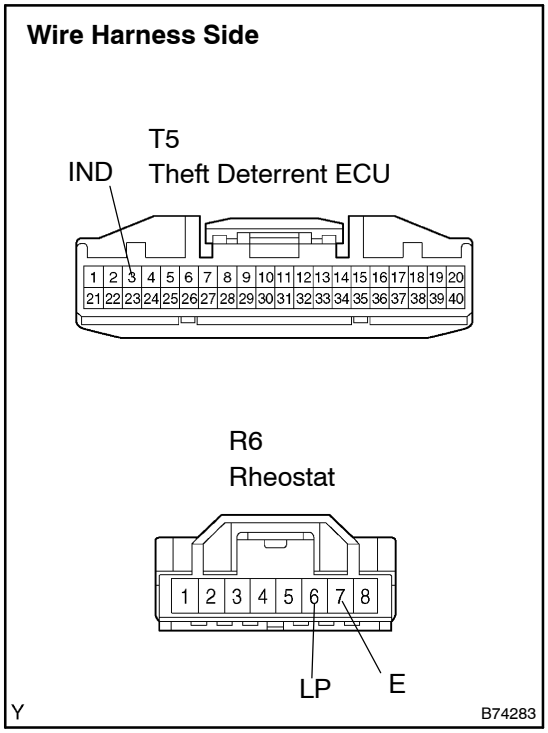
NOTICE:

- **If the positive (+) lead and the negative (–) lead are incorrectly connected, the security indicator will not illuminate.**
- **Voltage of more than 12 V will damage the security indicator.**
- **If the voltage is too low, the security indicator will not illuminate up.**

NG → **REPLACE RHEOSTAT**

OK

3	CHECK WIRE HARNESS (RHEOSTAT – THEFT DETERRENT ECU AND BODY GROUND)



(a) Disconnect the R6 rheostat connector.
(b) Disconnect the T5 theft deterrent ECU connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
R6–6 (LP) – T5–3 (IND)	Below 1 Ω
R6–7 (E) – Body ground	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (See page 05–3074).