

CIRCUIT DESCRIPTION

In this condition, if any of the following operations is done, the Tr in the ECU goes OFF and the headlight control relay switches OFF, thus stopping the headlights flashing:

- (1) Unlock the front LH or RH door with a key.
- (2) Turn the ignition switch to ACC or ON position.
- (3) Unlock the doors with the wireless door lock control system.
- (4) Wait for approximately 60 seconds.

The diagram illustrates the wiring for the Theft Deterrent ECU. It shows the following components and connections:

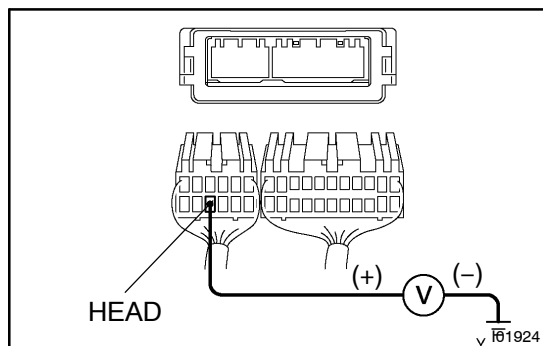
- Thief Deterrent ECU:** The central control unit, connected to terminal 10 (T7) and terminal 4 (IL1).
- Engine Room J/B:** A junction box containing a Headlight Control Relay (terminals 1E, 1N, 3, 4) and a switch (terminals 1, 2).
- Cowl Side J/B LH:** A junction box containing a relay (terminals 2P, 3) and a switch (terminal 2).
- Combination Switch:** A switch with terminals 8, 9, 16, and 17.
- Wiring Connections:**
 - The Battery is connected to the FL Block (terminal 1) and the Engine Room J/B (terminal 1E).
 - The Engine Room J/B (terminal 1N) is connected to the Cowl Side J/B LH (terminal 2P).
 - The Cowl Side J/B LH (terminal 2P) is connected to the Combination Switch (terminal 16).
 - The Combination Switch (terminal 9) is connected to the Cowl Side J/B LH (terminal 3).
 - The Combination Switch (terminal 8) is connected to the Cowl Side J/B LH (terminal 2).
 - The Combination Switch (terminal 17) is connected to the Cowl Side J/B LH (terminal 1).
 - The Cowl Side J/B LH (terminal 1) is connected to the Engine Room J/B (terminal 1E).
 - The Engine Room J/B (terminal 1E) is connected to the Cowl Side J/B LH (terminal 2P).
 - The Cowl Side J/B LH (terminal 2P) is connected to the Combination Switch (terminal 16).
 - The Combination Switch (terminal 9) is connected to the Cowl Side J/B LH (terminal 3).
 - The Combination Switch (terminal 8) is connected to the Cowl Side J/B LH (terminal 2).
 - The Combination Switch (terminal 17) is connected to the Cowl Side J/B LH (terminal 1).

INSPECTION PROCEDURE

HINT:

The flow chart below is based on the premise that the headlights light up normally whenever the light control switch is operated. If headlight operation is not normal when the light control switch is operated, proceed to troubleshooting on page [BE-2](#).

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|----------|--|
| 1 | Check voltage between terminal HEAD of theft deterrent ECU connector and body ground. |
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PREPARATION:

Disconnect the theft deterrent ECU connector.

CHECK:

Measure voltage between terminal HEAD of theft deterrent ECU connector and body ground.

OK:

Voltage: 10 - 14V

NG

Check and repair harness and connector between theft deterrent ECU and headlight control relay (See page [IN-34](#)).

OK

Check and replace theft deterrent ECU.