

CLOCK TROUBLESHOOTING

BE03N-13

HINT:
Troubleshoot the clock according to the table below.

| Problem | No. |
|---------------------------|-----|
| Clock does not operate | 1 |
| Clock loses or gains time | 2 |

± 1.5 seconds/day

Wire Harness Side

Double Cab:
Integration Control Panel

A

123456789

101112131415161718

Except Double Cab:
Integration Control Panel

B

123

456

7891011121314

GND

A10 or B1

Ground

+B

A15 or B5

DOME Fuse

ACC

A9 or B13

ACC Fuse

Y

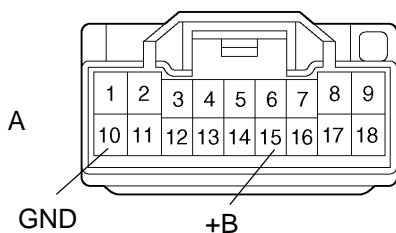
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1. PROBLEM NO. 1

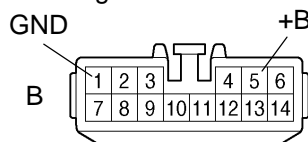
1 CLOCK DOES NOT OPERATE

Wire Harness Side

Double Cab:
Integration Control Panel



Except Double Cab:
Integration Control Panel



Y

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- (a) Check that the battery positive voltage is between 10 to 14 V.

If voltage is not as specified, replace the battery.

- (b) Check that the DOME fuse is not blown.

If the fuse is blown, replace the fuse and check for short.

- (c) Troubleshoot the clock as follows.

HINT:

Inspect the connector on the wire harness side.

Is there battery positive voltage between terminal +B and body ground?

No

Open or short circuit in wire harness between terminal +B and DOME fuse

Yes

Is there continuity between terminal GND and body ground?

No

Open circuit in wire harness between terminal GND and body ground

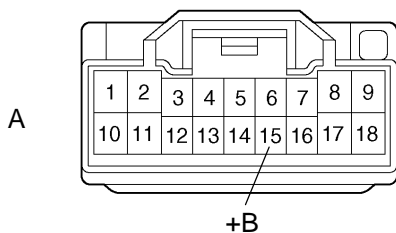
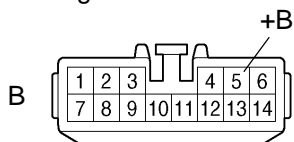
Yes

Replace clock.

2. PROBLEM NO. 2

2 CLOCK LOSES OR GAINS TIME

Wire Harness Side

Double Cab:
Integration Control PanelExcept Double Cab:
Integration Control Panel

Y

I27444

- (a) Check that the battery positive voltage is between 10 to 14 V.

If voltage is not as specified, replace the battery.

- (b) Inspect the error of the clock.

Allowable error (per day): ± 1.5 seconds

If the error exceeds the allowable error, replace the clock.

- (c) Check that the clock adjusting button is stuck in position and has failed to return.

If the error exceeds the allowable error, replace the clock.

- (d) Troubleshoot the clock as follows.

HINT:

Inspect the connector on the wire harness side.

Is there battery positive voltage between terminal +B and body ground?

Below 10 V

Locate cause and repair it, or recharge battery.

Yes

Adjust or replace clock.