



STAR ONLINE PUBLICATION



Case Number: S2408000005

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Symptom/Vehicle Issue: Vehicle Staying Awake Intermittently Causing Battery Drain, BCM DTC B23D7-14 Gated Park Control-Circuit Short to Ground or Open

Discussion: You may find that the vehicles battery dies but are unable to locate the source of a draw. Along with the low voltage faults you may find B23D7-14 Gated Park Control-Circuit Short to Ground or Open in the Body Control Module (BCM).

This may be caused by a tightly routed T824 TRS Park Signal circuit causing terminal pull out at the BCM C4 Pin 1. This excessive tension may also cause the connector lock to fail. If the Radio Frequency Hub loses the TRS Park Signal it will cause the vehicle to wake up, draining the battery.

Note: The TRS Park Signal and Gated Park Switch terms are used interchangeably on Stellantis vehicles.

Diagnosis: Attempt to verify this is the cause by applying pressure to the BCM C4 connector to fully seat it into the BCM, the B23D7-14 status should change to Stored. Inspect BCM C4 connector (Gray 32pin) and determine if it is fully locked and secured.

Remove the gray connector housing to gain access to the main connector body and terminals. Inspect T824 (YE/DB) in cavity 1 for excessive tension.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

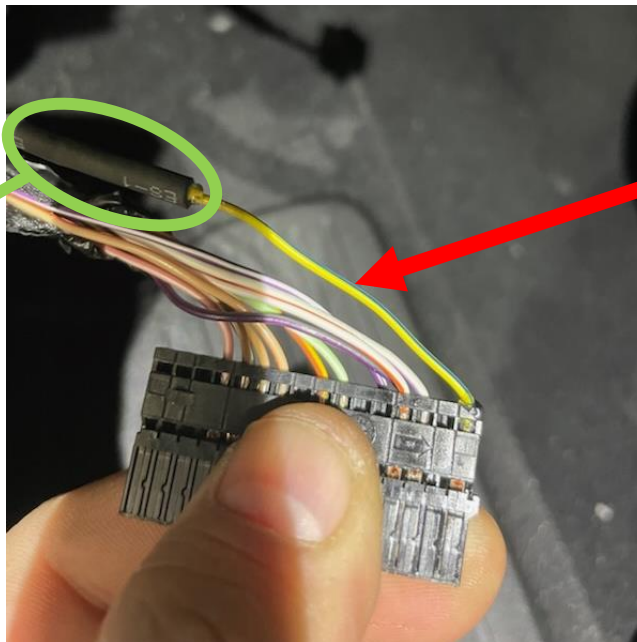
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BCM C4



**Circuit Lengthening
Repair**

**Circuit T824
(YE/DB)**

C4 Gray Connector Housing Removed

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Repair: If terminal or connector pull out is found, attempt to reroute the harness in a way to reduce tension on the T824 circuit. Alternatively, it may be necessary to lengthen the T824 circuit using wiring repair best practices.

When tension is removed from the T824 circuit, the connector housing should be able to remain locked. If you are still unable to fully lock and secure the C4, it will be necessary to replace the connector housing. 1326140-1 is the connector housing part number at time of publication. You should always reference wiring diagrams for the most up to date connector part numbers prior to ordering.

Verification: After the repair is completed, verify the draw no longer exists and B23D7-14 does not return.

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