

CHRYSLER B1C4C: 1ST ROW PASSENGER SEAT BELT BUCKLE TENSIONER CIRCUIT LOW

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$30-\$100
Can I Still Drive?	:	Yes

What Does The Chrysler B1C4C Code Mean?

The ORC sends out a 40 mA diagnostic current on each squib voltage supply circuit at power up and every 500 ms thereafter while the ignition is in on. The module then monitors the return wire to determine the state of the circuit. This DTC sets when the ORC detects a short to ground on the squib circuit for more than 2.5 seconds. This DTC transitions from active to stored when the module sees a recovery from a short to ground for greater than five seconds.

What Are The Potential Causes Of The Chrysler B1C4C Code?

- (R54) passenger seat belt tensioner line 2 circuit shorted to ground
- (r56) passenger seat belt tensioner line 1 circuit shorted to ground
- Passenger seat belt buckle tensioner
- Occupant restraint controller (ORC)

Reference Sources

[Chrysler B1C4C](#), DTCDECODE.