

CHRYSLER B1C40: 1ST ROW DRIVER SEAT BELT BUCKLE TENSIONER CIRCUIT SHORTED TOGETHER

OVERVIEW

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

What Does The Chrysler B1C40 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 both circuits of the same squib are shorted together for more than 2.5 seconds. This DTC transitions from active to stored when the module sees a recovery from the shorted together condition for greater than 2.5 seconds.

What Are The Potential Causes Of The Chrysler B1C40 Code?

- (R53) Driver seat belt tensioner line 2 circuit shorted to (R55) driver seat belt tensioner line 1 circuit
- Driver seat belt buckle tensioner
- Occupant restraint controller (ORC)

Reference Sources

[Chrysler B1C40](#), DTCDECODE.