

ACURA B2970: CLIMATE CONTROL UNIT LOST COMMUNICATION WITH RELAY CONTROL MODULE (RM MESSAGE)

OVERVIEW

Severity	:	Medium
DIY Difficulty Level	:	Intermediate
Repair Cost	:	\$75-\$200
Can I Still Drive?	:	Yes

What Does The Acura B2970 Code Mean?

Poor communication between the Relay Control Module and the Climate Control Unit.

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in the B-CAN system diagnosis test mode A. If any of the following DTCs are indicated; [B1005](#), [B1959](#), [B2162](#) or [B1158](#), perform the relay control module input test. If no additional codes are present, perform the climate control unit troubleshooting.

What Are The Potential Causes Of The Acura B2970 Code?

- Loose wire or poor connection on the climate control unit connector A (40P)
- Poor ground (G302)
- Blown fuse in the main under-hood fuse box
- Blown fuse in the under-dash fuse/relay box
- "Open" circuit between the climate control unit and body ground
- "Open" circuit between the MICU and the climate control unit
- Faulty Climate Control Unit
- Faulty Gauge Control Module

Reference Sources

[2007-2009 Acura MDX HVAC Climate Control Service Manual for B2970](#) - Pages 109-110.