

Technical Support

Audio Tech Tip

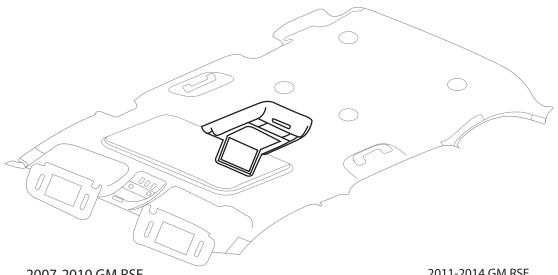
Troubleshooting Guide X009 GM Tech Bulletin

1. Installation Notes and Connections Sequence: (Read the instruction manual! Many common questions can be avoided reading this document first before installation!)

- Vehicle battery must be disconnected prior to start of installation
- All system connections/harnesses must be plugged in before re-connecting the vehicle battery lead.

Warning: Failure to follow this instruction may cause a communication problem between the X009 and Maestro module. In severe cases this is not recoverable and the X009 will need to be replaced.

2. **Vehicles with rear seat entertainment (2007-2014):** If the audio on the factory headphones is not retianed, you must add an additional 12 volt ignition to pink wire Pin #4 on the factory 16 Pin connector found at the overhead rear seat DVD consule (shown below).



| 2007- <u>2010 G</u> M RSE |
|---------------------------|
| 8 16 9 |

| Pin | Wire | Function |
|-------|-------|---------------------------------|
| 1 | L-BU | Left DVD Audio Signal(+) |
| 2 | PU | DVD Audio Common |
| 3 | WH | Right DVD Audio Signal(+) |
| 4 | PK | Infrared Module Control |
| 5-7 | - | Not Used |
| 8 | OG/BK | Remote Infrared Audio Signal(+) |
| 9 | OG/BK | Left Infrared Audio Signal |
| 10 | BN/WH | Low Reference |
| 11 | PU/WH | Right Infrared Audio Signal |
| 12 | BK | Ground |
| 13-15 | - | Not Used |
| 16 | TN/WH | Remote Infrared Signal(-) |

| 2011-2014 GM RSE | 8 |
|------------------|----------|
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| | |
| 9 | 16 |

| Pin | Wire | Function |
|-------|---------|------------------------------------|
| 1 | D-GN | DVD Video Signal(+) |
| 2 | BARE | Drain Wire |
| 3 | - | Not Used |
| 4 | PK | Infrared Module Control |
| 5 | PK | Infrared Module Control |
| 6 | RD/WH | Battery Positive Voltage |
| 7 | BK | Ground |
| 8 | PK/BK | Video Bright Signal |
| 9 | WH/BK | DVD Video Signal(-) |
| 10 | - | Not Used |
| 11 | WH | Entertainment Remote Enable Signal |
| 12-13 | - | Not Used |
| 14 | BK | Ground |
| 15 | - | Not Used |
| 16 | L-GN/BK | Video Mode Signal |

Document Illustrated and Approved By: Estevan Sanchez Date: August 11, 2015 Technical Support Alpine Electronics of America, Inc. 1-800-TFCH-101 Additional Specifications N/A Circuit Profile

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Revision: 012915 This document will be subjected to change without notice.