



# C2R-GM29

## GM Radio Replacement Interface for GMLAN Vehicles Without OnStar®



**This Interface is Intended for use in Vehicles without OnStar® or when OnStar® is not serviced or is unwanted. For OnStar® Retention use the OS-3 or OS-3BOSE.**

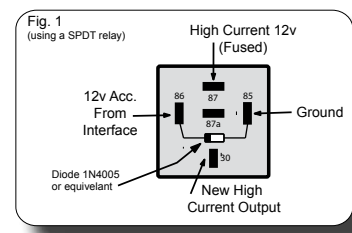
The C2R-GM29 allows aftermarket radio installation without retention of the factory radio. The interface replicates all factory warning chimes, audible turn signal indicators and provides a data bus generated 12 volt accessory output that acts just as GM's R.A.P. (Retained Accessory Power) system did prior to radio removal. R.A.P. keeps the radio powered after the key is off, until the driver door is opened or a 10 minute timer ends, whichever comes first. The C2R-GM29 also provides a SWC (Steering Wheel Control) output wire at the interface. By using this interface, the Parking Assist System will receive a "healthy" system status and the Rear Seat Audio controls will also be available for use (if equipped).

### Installation:

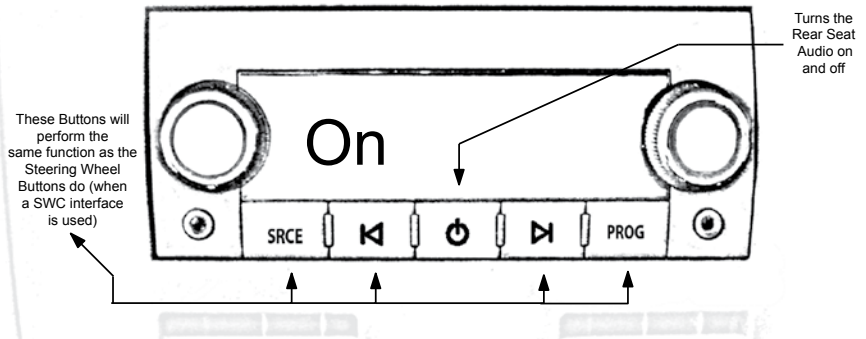
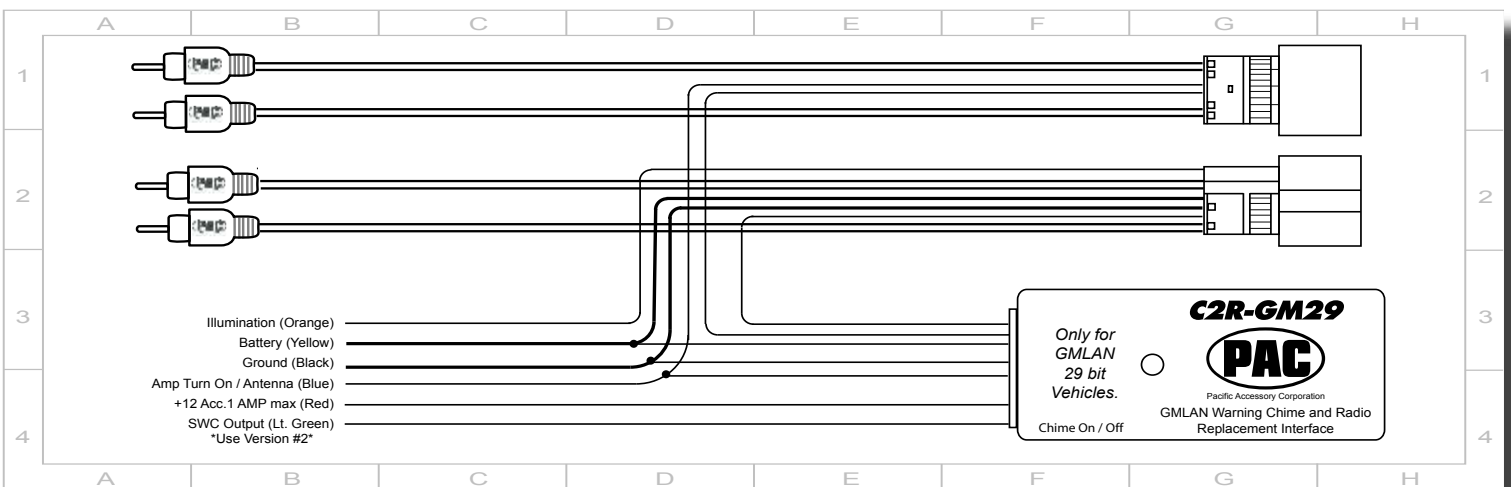
If the Bose® Audio system is being used, connect the C2R-GM29's RCA inputs to the aftermarket radios pre-amp output. The audio level will vary depending on the new radios pre-amp output voltage (2-4 volts is recommended). If the Bose® Audio system is not used or present, cut the RCA inputs off and connect the new radios speaker outputs to the remaining wire. If the vehicle and the interface both chime, move the chime switch to the off position. The other wire connections are as follows:

- Yellow - 12 Volt Constant Voltage
- Black - Ground
- Red - 12 Volt R.A.P Voltage (1 AMP max)
- Blue/White - Antenna turn on, Amplifier turn on, and RSE turn on (if equipped)
- Orange - Dimmer/Illumination
- Lt. Green - SWC Output Wire

**Using the SWC Output wire** - Connect the SWC (green) output wire to a P.A.C. SWI interface. Use the green SWI interface wire and program the SWI interface for version 2. Follow **ONLY** the interface programming instructions included with the SWI interface. Do not cut the Brown loop.



\*\*If more than 1 AMP is needed from the Red +12v Accessory wire refer to Fig 1.



### Using the RSA Controls

The headphone jacks will play the rear zone source selected by the head unit (refer to the new radios instruction manual for details on this feature if equipped).

**Notes:** When the Rear Seat Audio jacks are activated in any vehicle OTHER than the Cadillac Escalade or GMC Yukon Denali the rear speakers will mute.

**DISCLAIMER:** Under no circumstances shall the manufacturer or the distributors of the C2R-GM29 parts be held liable for consequential damages sustained in connection with the C2R-GM29. The manufacture and it's distributors will not, nor will they authorize any representative or any other individual to assume obligation or liability in relation to the C2R-GM29 other than its replacement.