



## INSTALLATION INSTRUCTIONS FOR PART GMLAN29-100

# GMLAN29-100

**\*Read Important Warning On Page 1  
Before Attempting Any Installation\***

The GMLAN29-100 is designed to and MUST be used with the  
GMOS-100i (SOLD SEPERATELY). Please refer to GMOS-100i  
for 20 pin connector instructions

## APPLICATIONS

### BUICK

Enclave 2007-10  
Lucerne 2006-10

### CADILLAC

Escalade 2007-10  
DTS 2006-10  
SRX 2007-09

### CHEVROLET

Avalanche 2007-10  
Equinox 2007-09  
Express 2008-10  
Impala 2006-2010  
Monte Carlo 2006-2007  
Silverado (new body) 2007-10  
Suburban 2007-09  
Tahoe 2007-09  
Traverse 2009

### GMC

Acadia 2007-10  
Savanna 2008-10  
Sierra (New body) 2007-10  
Yukon 2007-10

### HUMMER

H2 2008-09

### PONTIAC

Torrent 2007-09  
Vibe 2009

### SATURN

Outlook 2007-09  
Vue 2008-09

### SUZUKI

XL-7 2007-09



**1-800-221-0932**



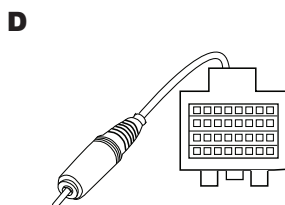
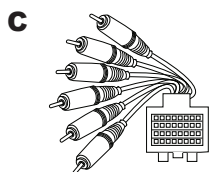
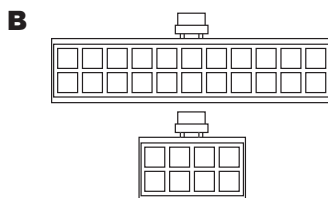
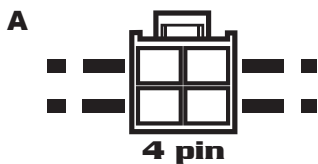
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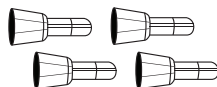
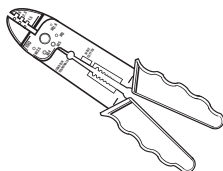
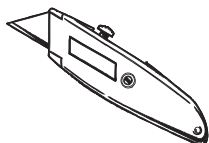
## INTERFACE COMPONENTS

- A) 4 pin harness with stripped leads
- B) 22 pin to 30 pin GM harness
- C) 16 pin backup camera harness
- D) 16 pin RSE harness



## TOOLS REQUIRED FOR INSTALLATION

- Cutting Tool
- Tape
- Crimping Tool
- Connectors (I.E. butt-connectors, bell caps, ECT...)





## TABLE OF CONTENTS

Installing The Interface .....	1
Installing The GMLAN29-100 .....	1
Programming SWC .....	2
Testing The GMLAN29-100 .....	2



### KNOWLEDGE IS POWER

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**Metra recommends MECP certified technicians**



**\*Important: Before beginning any of the following, disconnect the negative battery terminal to prevent an accidental short circuit.**

## **INSTALLING THE INTERFACE**

**From the 22 way harness:**

- Connect the Black wire with the ring terminal to the back of the aftermarket radios chassis
- Connect the 3.5mm jack to your aftermarket radios steering wheel control input (if equipped)

**From the 30 way harness:**

- Connect the Black wire to the ground wire of the aftermarket radio
- Connect the RCA's on the 8 pin harness to the AUX in on the aftermarket radio (if equipped)
- Connect the Yellow wire to the constant wire of the aftermarket radio.

The GMLAN29-100 comes set up for amplified systems. If the vehicle is not amplified disconnect the 4 pin harness located between the 30 way and 22 way connector. Connect the supplied 4 pin speaker harness and connect the following:

- Connect the Violet wire to the right rear positive wire of the aftermarket radio
- Connect the Violet/Black wire to the right rear negative wire of the aftermarket radio
- Connect the Green wire to the left rear positive wire of the aftermarket radio
- Connect the Green/Black wire to the left rear negative wire of the aftermarket radio

## **INSTALLING THE GMLAN29-100**

With all the connections completed, plug the 20, 22, and 8 pin harnesses into the GMOS-100i (sold separately).

- Reconnect the negative battery terminal.
- Plug the 30 pin GM harness into the vehicle side harness, and plug the aftermarket radio harness into the aftermarket radio.
- Cycle the key by turning the ignition on then back off, then back on again to test the radio.



## **PROGRAMMING SWC**

- Turn on the ignition
- The LED will begin to blink rapidly
- Turn on the aftermarket radio
- Press volume up until radio responds

## **TESTING THE GMLAN29-100**

- Turn the ignition on, and then turn the aftermarket radio on.
- Push the Onstar button, the radio should turn off (radio will mute if mute wire is connected) and you should hear Onstar. Push the Onstar cancel button and the radio should come back on.



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