



Pacific Accessory Corporation

# NU-GM4

## GM LAN 29-bit Navigation Unlock Interface For Select 2012 + Vehicles

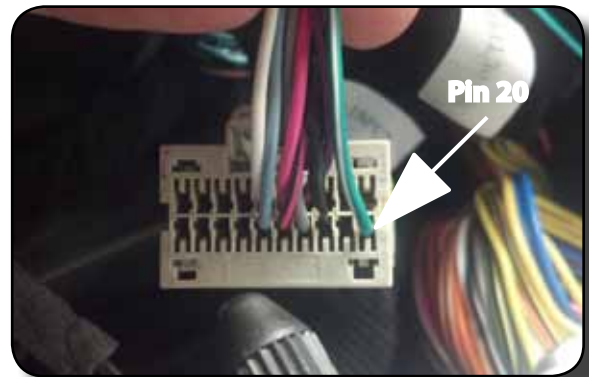
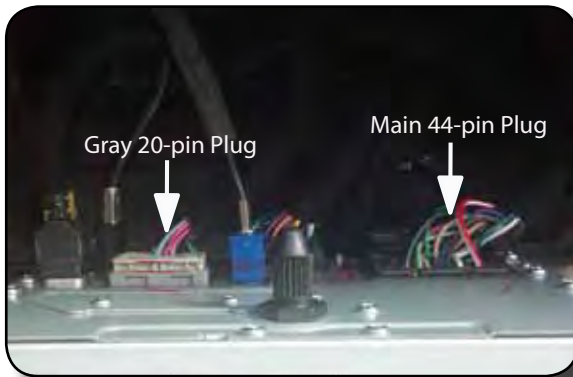


The NU-GM4 is a Navigation Unlock integration interface that allows the factory navigation features of your 29-bit GM LAN radio or the reverse camera to be used by the passenger at anytime.

### Installation

**Installation:** Disconnect the black 44-pin main harness from the back of the radio (see fig. A) Plug the male connector on the NU-GM4 harness into the 44-pin port on the back of the radio. Connect the factory 44-pin harness into the female connector on the NU-GM4 harness. Plug the Black micro-fit 24-pin connector on the NU-GM4 harness into the NU-GM4.

Locate the vehicles VSS wire in pin 20 of the gray 20-pin plug on the back of the radio (see fig. A & B). This wire will need to be cut then connected as follows: The green/black wire from the NU-GM4 should be connected to the radio/plug side of the VSS wire and the green/white wire from the NU-GM4 should be connected to the vehicle side of the VSS wire.



### Reverse Camera Wire Location Avalanche/Suburban/Tahoe/Yukon

1. You will need to locate the junction block underneath the driver dash to the right of the kickpanel on the firewall (Fig A).
2. Remove the cover and locate the 8 pin gray plug in the top left corner of the junction block (Fig B).
3. The reverse camera wire is the blue wire in pin 2 (Fig C)
4. Connect the red camera turn on wire from the NU-GM4 to this blue wire.
5. Verify that the reverse lights do not come on when the reverse camera unlock feature is being used.

**Fig A**



**Fig B**



**Fig C**





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## Reverse Camera Wire Location Silverado/Sierra

1. You will need to locate the BCM underneath the driver dash to the left of the Steering Column.
2. The reverse camera wire is a light green wire located in pin 2 of connector 7.
3. Once you have located this wire, use a multimeter to verify that it measures 12v whenever the vehicle is put into reverse.
4. Once you have verified that this is the proper wire, connect the red camera turn on wire from the NU-GM4 to this green wire.
5. Verify that the reverse lights do not come on when the reverse camera unlock feature is being used.

**\*\*If you are having trouble locating the reverse wire or it is not in any of the locations specified, please call our technical support department at 866-931-8021 for further assistance.**

## Operation

**NU-GM4 Controls**

Press & hold to enable/disable Navigation Unlock

1. Press & Hold the Source Button
2. Information Center Displays: Confirm Safe Use
3. Press the Source Button Again to Confirm
4. Repeat Step 1 to De-Activate

**Activating the Reverse Camera**

Press Once to Activate Reverse Camera

1. Turn off all mirror controls
2. Enable Navigation Unlock Through the SWC
3. Press Down Once to Enable Reverse Camera
4. Repeat Step 3 to De-Activate

Make Sure the Control Lights Are Off.

### Activating the Navigation Unlock

Press and hold the "Source" button on the steering wheel controls (SWC) for two seconds to activate the NU-GM4. You will hear one chime and the driver information center on the instrument cluster will display "Confirm Safe Use". Press the "Source" button on the SWC again to acknowledge "safe use", agreeing that use will be performed only by the passenger whenever the vehicle is in motion, and activate the NU-GM4. To de-activate the NU-GM4 simply press and hold the "Source" button on the SWC until two chimes are heard.

### Activating the Reverse Camera Unlock

Activate the navigation unlock using the SWC. Make sure that both control lights on the rearview mirror controls on the driver door are off and not controlling either mirror. Press down on the control pad, the rearview camera image will now display on the navigation screen.

**WARNING:** In order to avoid distraction, which could lead to an accident, the driver should never utilize systems unlocked by the NU-GM4 when the vehicle is in motion. Even when operated by the passenger, the vehicle driver should maintain their attention on the road at all times.

DISCLAIMER: Under no circumstances shall the manufacture or the distributors of the NU-GM4 be held liable for claims of any loss or damage, consequential, direct or indirect, arising from the sale, installation, or use of the NU-GM4. The manufacture and its distributors will not, nor will they authorize any representative or any other individual, to assume obligation or liability in relation to the NU-GM4 other than its replacement.

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