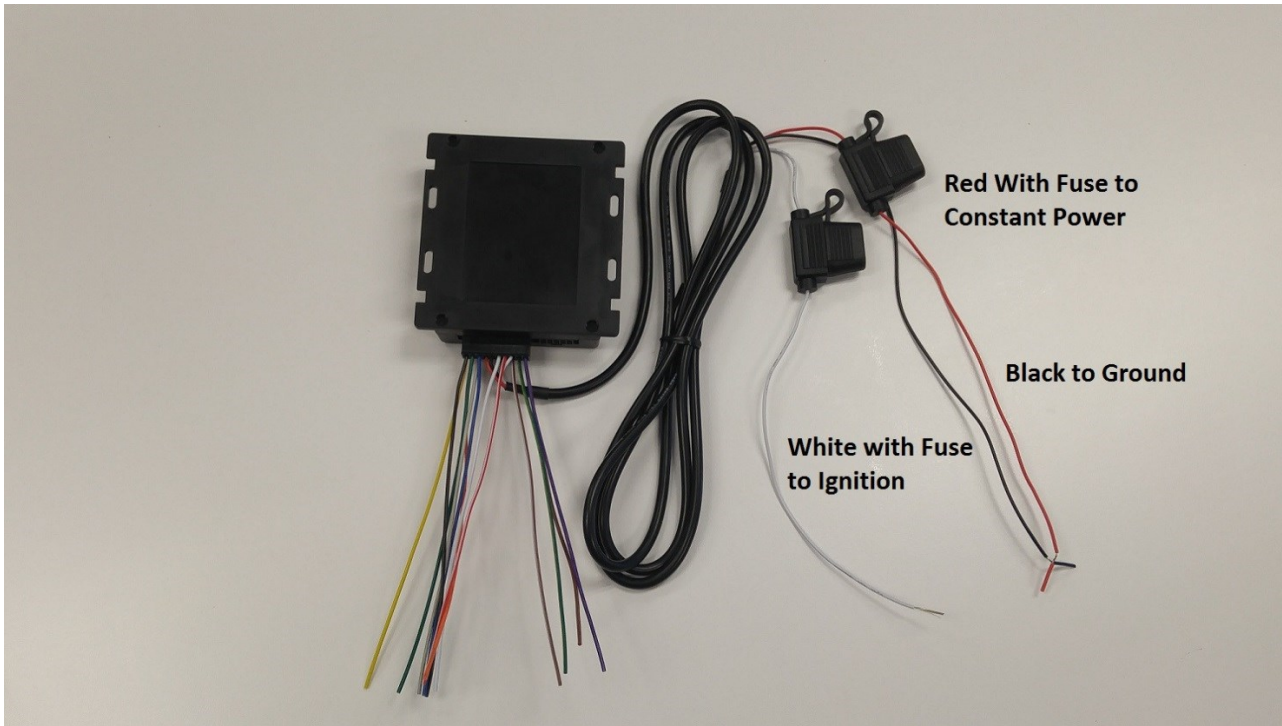




Installation of GenX-5P modem



Connecting Wires to Power, Ground and Ignition:

- Power input (Red Wire) must be connected to a constant (un-switched) +12 VDC or +24 VDC supply; The power cable comes with an in-line 3-amp fuse and should be installed as close to the 12 volt source as possible.
- Ignition input (White Wire) must be connected to the vehicle ignition or another appropriate key operated line.
- Ground line (black wire) must be connected to chassis ground.

Modem Placement

The GNX-5P should be securely installed using tie wraps to the solid body of the vehicle, not to plastic panels. For internal antenna model the unit should be positioned at the highest point under the dash, close to the window. This can be accomplished by removing interior trim and molding to expose available space, then replacing trim once units is in place

NOTE: Make sure there are no metal obstructions are between the modem and the top of the dash that can interfere with Cellular and GPS signals.
Installation of the unit should never be within the engine compartment and should be in a place where it will not be exposed to the elements.



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Install Verification:

Green LED

- Fast Blink: Ignition on
- Slow Blink: Ignition off

Red LED

The Red LED represent a possible error with the modem. Count the LED Blink sequence to determine area of trouble

- Example: ●● ●●● Pattern 2-3
- (2 – X) indicates a possible Communications Issue.
- (3 – X) indicates a possible GPS issue
- (4 – X) indicates modem is downloading from our server; wait until it clears

Optional Wiring: Inputs & Outputs

I/O Descriptions - GNX-5P Power Harness			
Pin #	Wire Colour	Description	Input / Output
1	Black	I/O Ground	Ground
2	Yellow	Output 2 (Relay 2) (-)	Output
3	Green	Output 3 (Relay 3) (-)	Output
4	Orange	Output 4 (Relay 4) (-)	Output
5	Blue	Input 3 (Switch 3) (-) Bias high	Input
6	Grey	1 Wire Data	Input
7	-	-	-
8	Red	Power Input(12-24v constant) with 3-amp in-line fuse	Input
9	-	-	-
10	Black	Vehicle Ground	Ground
11	White	Input 2 (Switch 2) (+) Bias low	Input
12	-	-	-
13	Red / White	Input 4 (Switch 4) (-) Bias high	Input
14	-	-	-
15	White	Ignition Input (+) Bias low - with 3-amp in-line fuse	Input
16	White / Brown	Output 1 (Relay 1) (-)	Output
17	-	-	-
18	Green / Yellow	Input 1 (Switch 1) (+) Bias low	Input
19	Purple	LED Output (+20mA max)	Output
20	Brown	Analog Input(0-16v)	Input



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If you need assistance with your Account, please contact one of our Customer Service Representatives.

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