

# Coyote Gx VLM Hardware Installation Guide

## **Step A**     **Mounting the VLM**

1. Mount the VLM in a ventilated area out of the way of the driver's feet. (the VLM is not weather proof)
2. Be sure to mount the device where you can see the LED's without too much trouble in case technical support need's to know the status of the LED's
3. If using the wellnuts and screws that are provided drill a 3/8" hole for the wellnuts. Use the bracket as a template.
4. Place the wellnuts into the drilled hole; place the VLM on top of the wellnut. Insert the 1" screw through the top of the mounting bracket and into the wellnut. Tighten until snug DO NOT OVER TIGHTEN.
5. You may also use sheet metal screws to mount the VLM. If you choose this option cut off the top of the wellnut and use this as a vibration dampener.
6. If you choose you may also use velcro or zip tie straps to mount the VLM.

## **Step B**     **Antenna Installation**

The Covert/ Window Mount antenna is the standard antenna provided with your VLM.

Other options are available; please consult

[www.trackyourtruck.com/support](http://www.trackyourtruck.com/support) for more information.

1. The Covert/Window mount antenna can be mounted to any clean surface of the vehicle.
2. Typical install locations include: Underneath non-metal dashboards, The windshield or rear window. The preferred location is on the inside of the windshield. (avoid window tinting)
3. The side labeled "GPS" must face towards the sky.
4. For glass mounting it is recommended to mount the antenna so that it is in a vertical position; allow a 1/2" clearance from metal.
5. Clean the mounting surface with the provided alcohol pad.
6. Route the cables to the VLM and avoid pinching or stretching the cable.
7. Attach the antenna to the VLM via the specified connectors.

## **Step C**     **Power Connection**

1. **Ground:** Connect the BLACK wire to chassis/vehicle ground. Choose a good snug ground point that is not painted.
2. **Power:** Connect the RED wire to a 12 volt constant supply. This connection must be fused and capable of supplying 1 amp at +12VDC. (fuse provided)
3. **Ignition:** Connect the WHITE wire to a 12 volt SWITCHED source. This connection must be fused and capable of supplying 1 amp at +12VDC when the vehicle is on and 0VDC when the ignition is off.  
**\*If this lead is NOT connected to ignition switched source, then the unit will report continuously and result in monthly overage charges**
4. The best connections are the auxiliary power connections on the fuse panel provided by some manufactures.
5. Connect and test all wires before connecting the power harness to the VLM.
6. Fuse connection kits may be needed. (not supplied)

## **Step D**     **Installation Verification**

1. For 3<sup>rd</sup> party installer's please call TYT to verify that the unit is working properly. 630-243-1982 choose the technical support option.
2. After the initial installation the Coyote-Gx unit will report for 4 hours then stop reporting. This is normal because of the tow alert mode.
3. After a successful installation you may apply a small amount of Anti-Sabotage Lacquer to the top of each connection as shown below. (supplied)

**NOTE: All cables must be attached to the VLM prior to Applying the Anti-Sabotage Lacquer!**



Anti-Sabotage Lacquer applied to connector.

1011 State Street  
Suite 250  
Lemont, IL 60439  
Phone: 630-243-1982  
Fax: 630-243-1218

[Support@trackyourtruck.com](mailto:Support@trackyourtruck.com)



# Coyote Gx Status LED Description

<b>GREEN</b>	<b>DESCRIPTION</b>
OFF	Power Down Mode
FLASH	Low Power Mode
SLOW	Full Power Ignition OFF
FAST	Full Power Ignition ON
<b>RED</b>	<b>DESCRIPTION</b>
OFF	No faults detected
1 - 1	License Key Expired
1 - 2	Memory Management problem
1 - 3	MAXDATAUSAGE exhausted
2 - 1	GSM Module Fault
2 - 2	No SIM Inserted
2 - 3	No GSM Signal
2 - 4	Network not found
2 - 5	Last Data Session failed
2 - 6	Cellular not attached to network
3 - 1	GPS Module Fault
3 - 2	GPS Antenna OPEN/SHORT
3 - 3	GPS No Track (0 sats)
3 - 4	GPS No Fix (< 3 sats)
3 - 5	GPS No Time
4 - 2	Data Transfer failed (RESYNC)

1. If the RED LED displays a trouble code please move the vehicle to an area that has an unobstructed view of the sky; wait 5-10 minutes to see if the unit corrects it self.
2. If the trouble code is still present move the location of the antenna and try again. The most common issues are related to a poor antenna location.
3. Contact Track Your Truck Support for further diagnostics if needed.

1011 State Street  
 Suite 250  
 Lemont, IL 60439  
 Phone: 630-243-1982  
 Fax: 630-243-1218

[Support@trackyourtruck.com](mailto:Support@trackyourtruck.com)

