

Generac Fuel Tracker Product Manual

The Generac Fuel Tracker is intended to be used in stationary propane/refined fuel applications to transmit fuel level data to the Generac Fuel Portal, Generac's Fleet tool, or Generac's Mobile Link tool via cellular networks. This enables users to track fuel level from anywhere, whether to confirm sufficient fuel to operate a generator or optimize deliveries of propane/refined fuel.

The manual must be consulted in all cases where this symbol  is marked, in order to find out the nature of the potential HAZARDS and any actions which must be taken to avoid them.

Need Assistance?

Call: (855) 436-8439

Email: support@mobilelinkgen.com

www.generac.com/service-support/contact-us

INSTALLATION STEPS

WATCH THE VIDEO:

Before you start, watch the installation video at <https://generacfuel.com/install>.

 The safety of any system incorporating this monitor is the responsibility of the assembler of the system. Do not operate Fuel Tracker if it shows signs of damage to the enclosure or sensor cable.

Step 1: Connect The Sensor

The Generac Fuel Tracker can be installed on all tanks equipped with a Remote-Ready Dial. See <https://generacfuel.com/dial/> to verify the Generac Fuel Tracker is compatible.

1. If your Remote-Ready Dial has a dust cap, remove it by simultaneously pulling up on the tab while sliding the dust cap out of the dial.
2. If applicable, route the cable through the hole in the tank's collar or lid.

3. Slide the sensor into the dial slot until it is seated. See Figure 1.

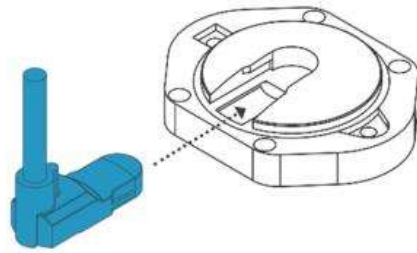


Figure 1. Attaching Sensor to Tank

4. Attach sensor cable to monitor by aligning the connectors and tightening the two together. See Figure 2. Once the sensor cable has been connected, LEDs will be visible on the front.

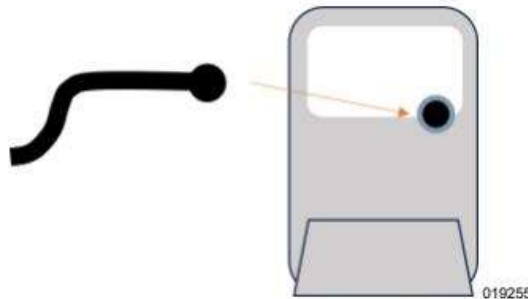
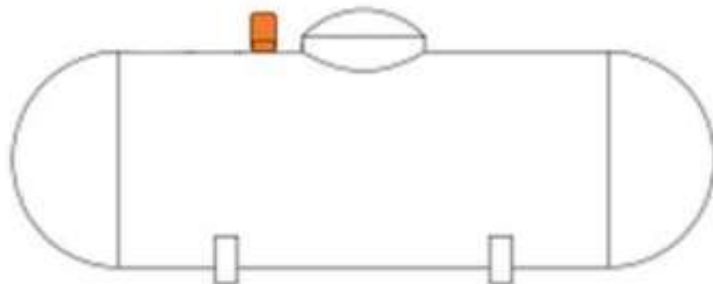


Figure 2. Attaching Sensor Cable to Monitor

Step 2: Mount on the Tank

FOR ABOVE GROUND TANKS The underside of the monitor has two magnetic feet which can be used to mount the monitor on the tank.

On horizontal tanks, mount the monitor on top of the tank. See Figure 7.



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Figure 7. Installation on Horizontal Propane Tank

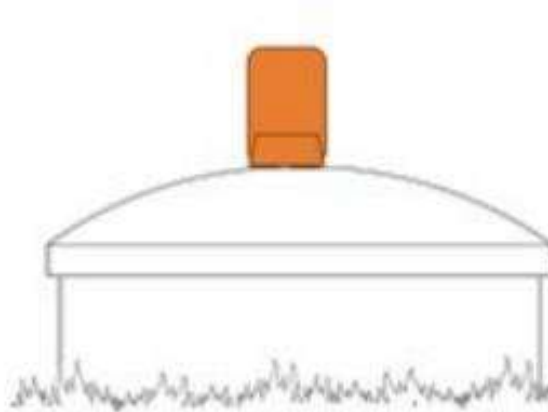
On vertical tanks, mount the monitor on the shoulder of the tank. See Figure 6.



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Figure 6. Installation on Vertical Propane Tank

FOR BELOW GROUND TANKS It is best to securely attach the monitor to the top of the lid. See Figure 5. If the lid is not metal, you may screw the device into the lid using any standard self-tapping or wood screws. The screws can be attached by removing the Phillips head screws that hold the magnets in place and attaching the new mounting screws through the same holes. There are also provisions on the monitor base for attaching zip ties if this is a desired mounting method.

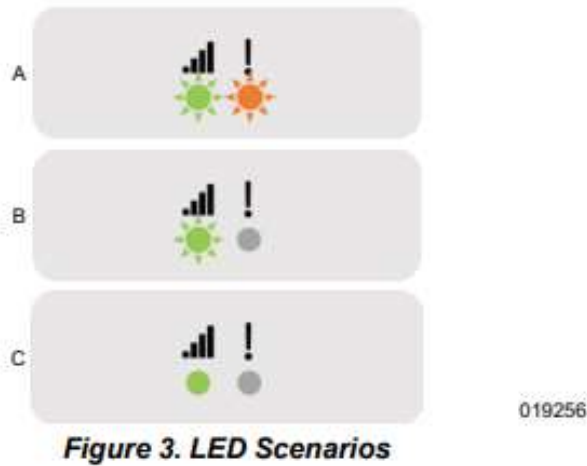


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Figure 5. Below Ground Tank Installation

NOTE: Do not place the tank monitor under a steel lid or inside the collar since this can prevent the monitor from connecting to the cellular network.

Step 3: Confirm Successful Communication



1. The two LEDs will flash to indicate a successful startup (A), then the left-hand, green LED will continue blinking as the monitor attempts to send a reading (B).
2. When the left-hand, green LED is lit continuously, a reading has been sent successfully (C).

NOTE: Monitors often connect in under 2 minutes. However, it may take up to 15 minutes to establish cellular connection at some locations.

3. If the right-hand, orange LED on your monitor becomes continuously lit, the monitor has not been successful at sending a reading. See Figure 4. This is likely because it cannot connect to the cellular network, as the signal is not strong enough. Try moving the monitor to a new location on the tank and disconnecting and reconnecting the sensor cable for a 2nd try.



Figure 4. Solid Red LED

NOTE: TO TURN OFF THE TANK MONITOR, remove the cable. This will prevent the monitor from sending additional readings.

⚠ WARNING – EXPLOSION HAZARD. DO NOT REMOVE OR REPLACE UNLESS THE AREA IS FREE OF IGNITABLE CONCENTRATIONS

Step 4: [Configure Your Monitor to Track Fuel Level Data From Anywhere](#) CONNECT YOUR MONITOR TO YOUR MOBILE LINK ACCOUNT. Get the Mobile Link app here:



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Figure 8. Mobile Link QR Code

Use the barcode on the back of your monitor to connect your tank level data to Mobile Link. Follow the in-app instructions to configure your tank information.

GENERAC AUTHORIZED DEALERS Link your monitor with your FLEET account. Visit fleetsupport.mobilelinkgen.com for instructions. FUEL MARKETERS Put tank site details into the Generac Fuel Portal at <https://portal.generacfuel.com/> and configure the Fuel Tracker settings. The Fuel Tracker will appear in your portal when a reading is sent successfully.

WARRANTY

HARDWARE SPECIFICATIONS

Electrical Rating: Battery powered 3.6VDC by LiSOCI2 cell

Weight: 0.5kg (1.2 lbs)

Dimensions: 15cm x 9cm x 7 cm (6"x3.5"x 3")

You may clean the Generac Fuel Tracker using soapy water if desired.

The enclosure has one external M12 connector with a locking thread. It is mated to the propane tank sensor during setup and installation.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interferences, and (2) this device must accept any interference received, including interference that may create undesirable operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Consult the dealer or an experienced radio/TV technician for help.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Information

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm(8 inches) during normal operation.

ISED Notice

This device complies with Innovation, Science and Economic Development Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

ISED Radiation Exposure Statement

This device complies with RSS-102 radiation exposure limits set forth for an uncontrolled environment.

In order to avoid the possibility of exceeding the ISED radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation

Cet appareil est conforme aux limites d'exposition aux rayonnements de la CNR-102 définies pour un environnement non contrôlé. Afin d'éviter la possibilité de dépasser les limites d'exposition aux fréquences radio de la CNR-102, la proximité humaine à l'antenne ne doit pas être inférieure à 20 cm (8 pouces) pendant le fonctionnement normal.

Device Uses Approved Radio: BG950A-GL
Contains FCC ID: XMR2021BG950AGL
Contains IC: 10224A-2021BG950A
FCC ID: VDE20242021950
IC: 8036A-20242021950

 CALIFORNIA WARNING: Can expose you to acrylonitrile, a carcinogen, and bisphenol A, a reproductive toxicant – www.P65Warnings.ca.gov

HAZARDOUS LOCATION ENVIRONMENTAL RATING

Suitable for installation and use in the following conditions:

Class I, Division 2, Group D T3C locations

$-40 \leq T_{amb} \leq 40^{\circ}\text{C}$

Pollution Degree 4

Enclosure Rating: IP66 & IP68

Maximum Altitude: 2 miles (3218m)

Generac Fuel Tracker is designed to be safe for use in areas where ignitable concentrations of flammable vapors and gases may be present but not where ignitable concentrations are present under normal operating conditions. Must be used with a Generac sensor certified for Class I, Division 2, Group D, and suitable for an ambient temperature of $-40^{\circ}\text{C} \leq T_a \leq 40^{\circ}\text{C}$. Wiring method shall be in accordance to NEC and CEC Part I for Class I, Division 2 and subject to the acceptance of the local authority having jurisdiction.