



Tonka Lift Transmitter & Receiver Instructions 2022

INTRODUCTION

QR Code Location

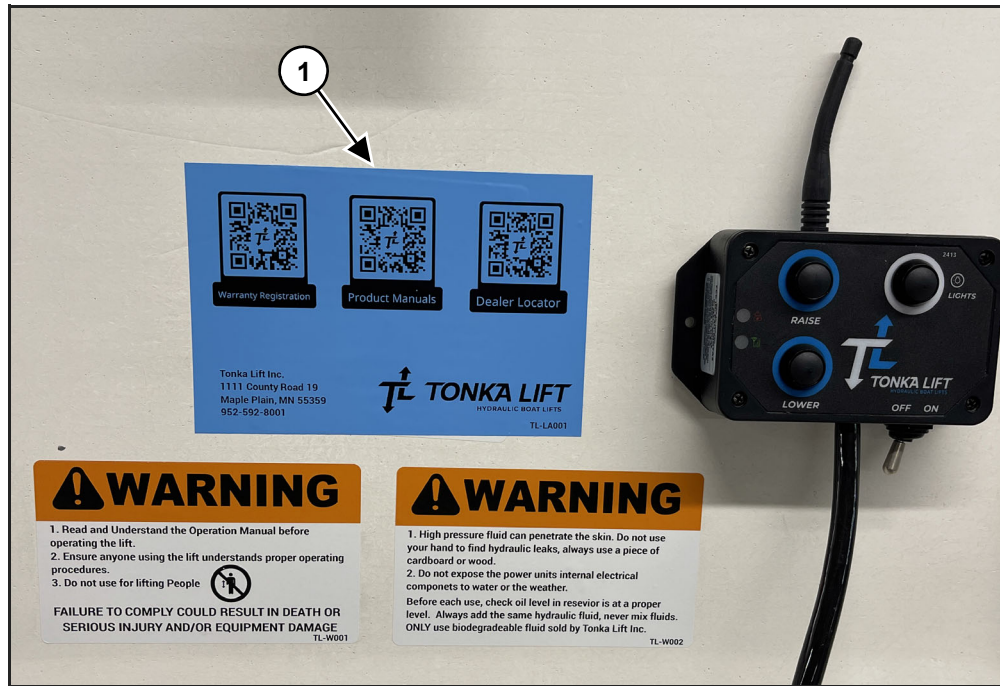


Figure 2

The QR Code label (Item 1) [Figure 2] is located in the hydraulic control box. Use your mobile device to scan the code. The mobile device will then navigate to the Tonka Lift website.

Product Registration

Register your hydraulic boat lift online by scanning the QR Code or by going to the website www.tonkalift.com.

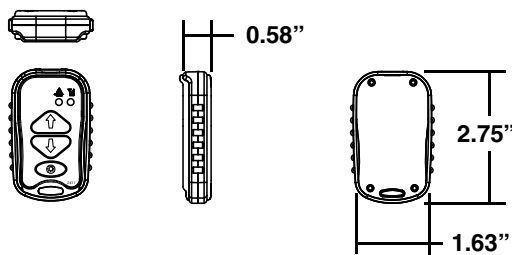
SPECIFICATIONS

Transmitter and Receiver

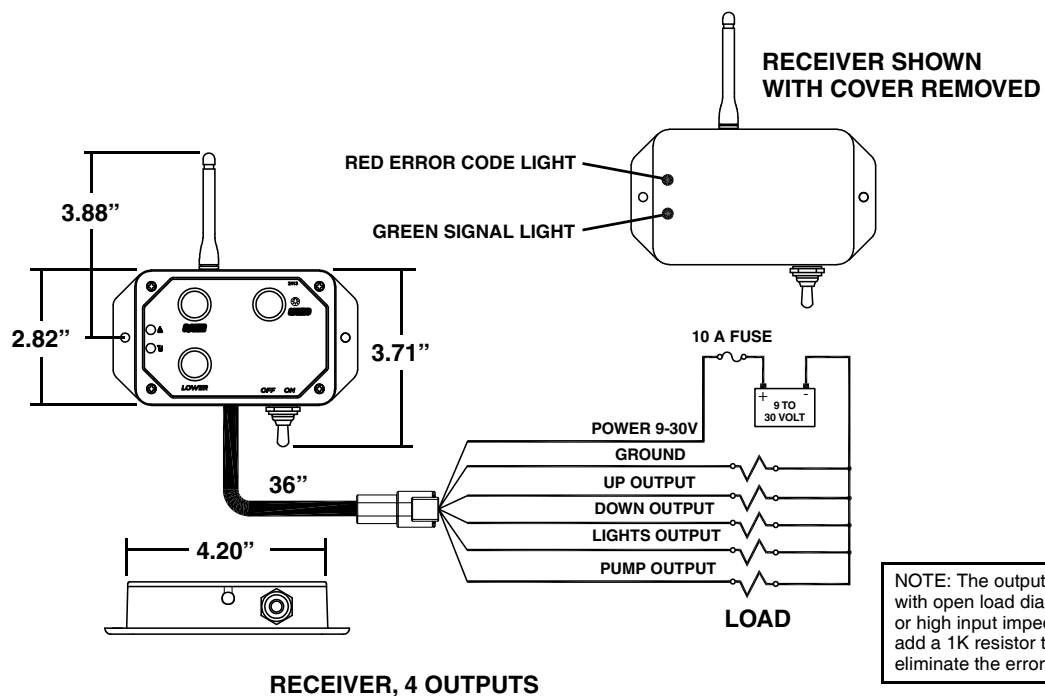
Specifications

- RF: 902-928MHz FHSS 6mW
- Temperature: Receiver: -40 to 185° F (-40 to +85° C) Transmitter: -4 to 140° F (-20 to 60° C)
- Output Rating: 5A each (sourcing) 10A system maximum
- Encapsulated electronics inside receiver
- Power transmitter: CR2032 3V Lithium
- Battery life: 15 hours

Schematics



TRANSMITTER, NANO, 3 BUTTON



OPERATION

Transmitter and Receiver

Operation

To turn the transmitter ON, press and hold any button for at least 2 seconds until both of the green LED flashes, then release.

The transmitter is designed with a power saving feature which turns the transmitter OFF after 15 minutes if no buttons are pressed irrespective of receiver status.

There are red and green LEDs both on the keypad of the transmitter and inside the receiver case. The green LED will blink 2 times per second when the transmitter and receiver are communicating. It will blink 1 time per second if there is no communication (i.e. - no power to the receiver).

The transmitter's red LED blinks 1 time per second if the battery is low and needs to be changed

Synchronizing Transmitter and Receiver

Each transmitter and receiver pair is synchronized together at the factory. If a new transmitter is needed, synchronizing is required. Use the following procedure:

1. Turn both transmitter and receiver OFF.
2. With the transmitter OFF, press and hold UP and LIGHTS buttons for more than 5 seconds. LEDs start blinking.
3. Turn the receiver ON.
4. Wait for a few seconds until just the green LED begins to blink rapidly on the transmitter.
5. Synchronizing complete.

OPERATION

Cloning Transmitter



WARNING

ONLY ONE TRANSMITTER CAN BE ON AT A TIME, THEY CANNOT BE USED SIMULTANEOUSLY - use with CAUTION!

Occasionally, it is desirable to have more than one transmitter work with a single receiver. This is accomplished by a process called cloning. Cloning allows an additional transmitter (B) to have the same ID code as the original transmitter (A). If this feature is desired, use the following procedure:

1. Make sure both transmitters and the receiver are OFF.
2. On Transmitter A, press and hold the UP and LIGHTS buttons for 5 seconds until the LEDs blink, then release. The green and red LEDs will blink together at this point.
3. On Transmitter B, press and hold the UP and DOWN buttons simultaneously until both the LEDs start to blink.
4. Wait for few seconds until the green LED starts to blink on transmitter A and transmitter B.
5. Turn both of the transmitters OFF.
6. Synchronize one of the transmitters to the receiver using SYNCHRONIZING TRANSMITTER AND RECEIVER instructions procedure.

If the cloning feature has been invoked and is no longer desired, the ID code of one of the transmitters needs to be changed. This will unclone the transmitters. If this is desired, use the following procedure:

1. Make sure the receiver and transmitter are OFF.
2. Press and hold the UP, DOWN, and LIGHTS buttons simultaneously until both LEDs start toggling, then release.
3. Press any button again to select a new ID.
4. Uncloning process is now complete. Follow the SYNCHRONIZING TRANSMITTER AND RECEIVER procedure to link the uncloned transmitter to a new receiver.



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