

Extended Manual

For KWR-005, KWR-006, KWR-007, KWR-008

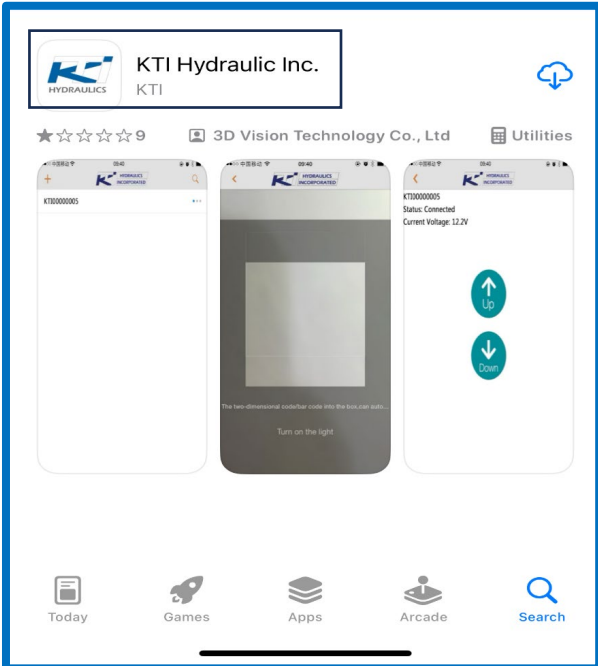
This manual is for the unit with serial number in the pattern of **KTI##-MMYY####**

If Serial# is KWR##-MMYY####
Please scan this to download the KTI KWR App



Download on the App Store

GET IT ON Google Play



If your KWR has a serial number in the format KTI5##### or KTI6##### please visit our website for the links to download the correct app for your Android or iOS device.

FCC Statement

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 interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment 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.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

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Getting Started

Front View

Wireless Remote Antenna
Connection Port

Bluetooth Antenna
Connection Port



Pair/Reset Button

Power On/Off Switch*

* We highly recommend switching the KWR unit to "OFF" when not in use

Front View (continued)

- **Wireless Remote Antenna Connection Port (Silver color):** Used with the included antenna to extend the unit's wireless signal.
- **Bluetooth Antenna Connection Port (Gold color):** Used with the included antenna to extend the unit's Bluetooth signal.
- **Pairing / Reset Button:** Used to pair a new key fob. Also used to clear the unit's memory of paired key fobs (See page 15 & 16).
- **Power On/Off Switch:** Used to power on/off the KWR unit for operation. It is highly recommended to power off your unit when the KWR unit is not in use

Back View

Indicator Light

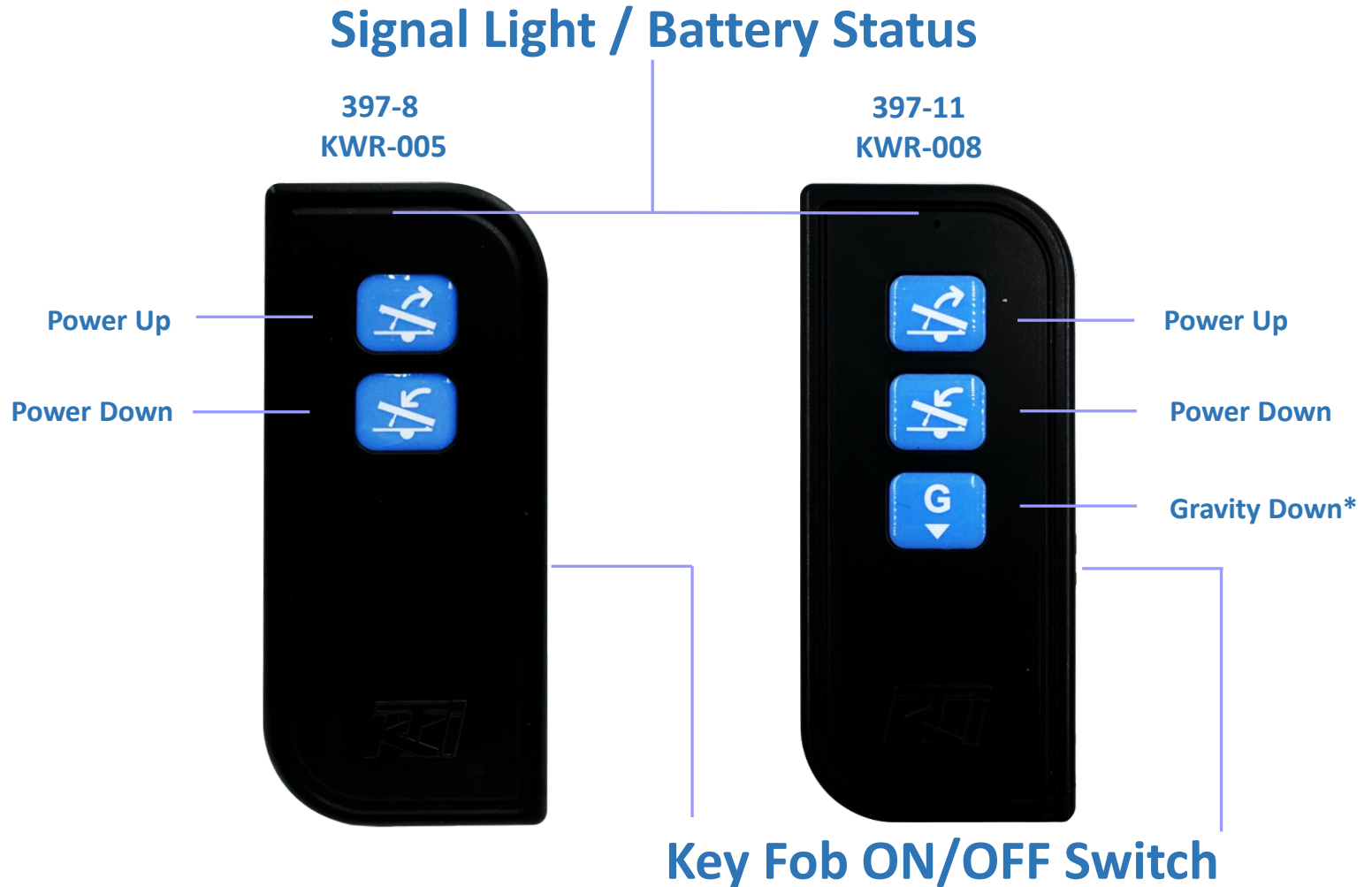


Back View (continued)

- **Indicator Light - Status Explanations**
 - **Blinking green** – The unit is receiving power and is ready to communicate with a key fob / Bluetooth device
 - *Quick-pace blinking* – ready for pairing / connection
 - *Slow-pace blinking* – connected to a mobile device
 - **Solid Red** – The unit is not receiving enough power (voltage is lower than 9V). A continuous beep sound will accompany the solid red indicator light until the unit is powered down, or receives the correct amount of power



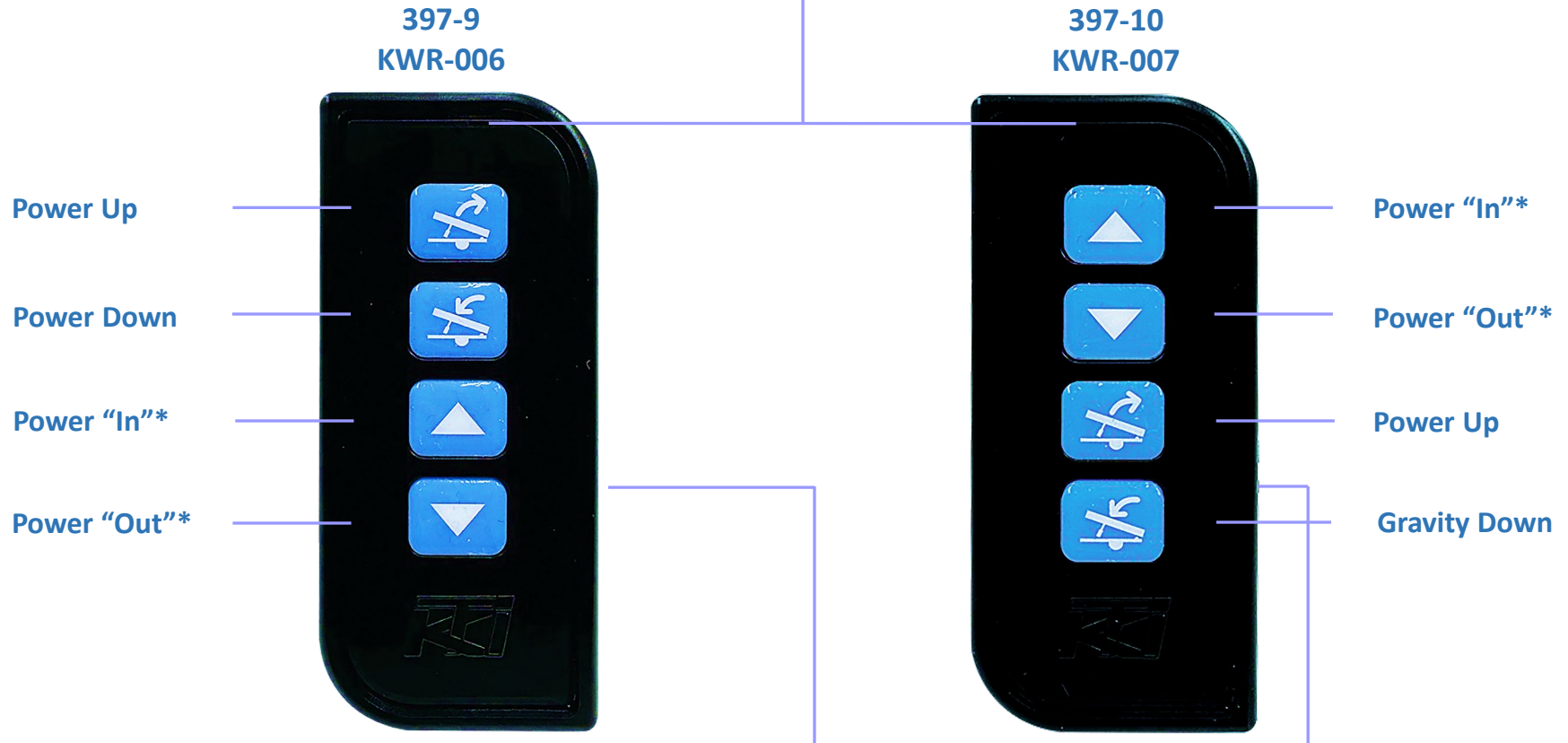
Key Fob (for KWR-005 and KWR-008)



* Please consult your power unit's hydraulic schematic diagram to understand which functions are actuated when connected to the KWR unit

Key Fob (for KWR-006 and KWR-007)

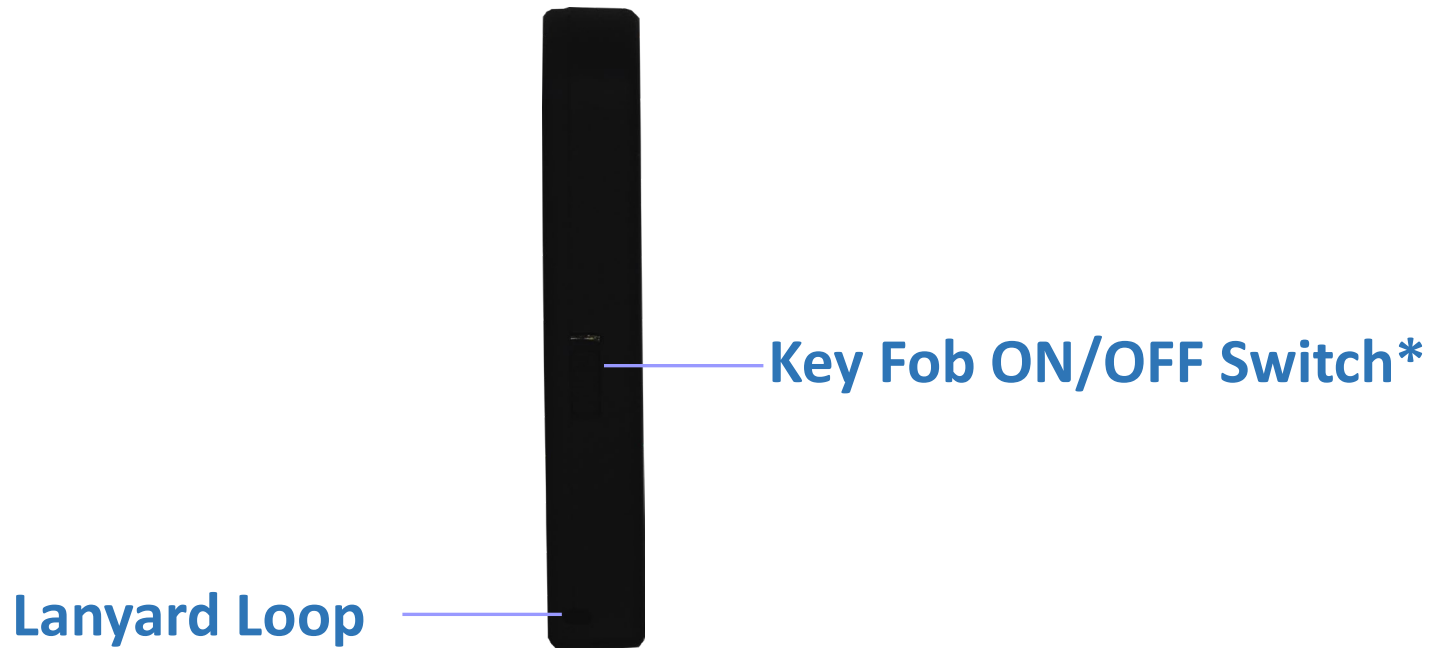
Signal Light / Battery Status



Key Fob ON/OFF Switch

* Please consult your power unit's hydraulic schematic diagram to understand which functions are actuated when connected to the KWR unit

Key Fob (for all models)



* We highly recommend switching the Key Fob to "OFF" when not in use

Key Fob

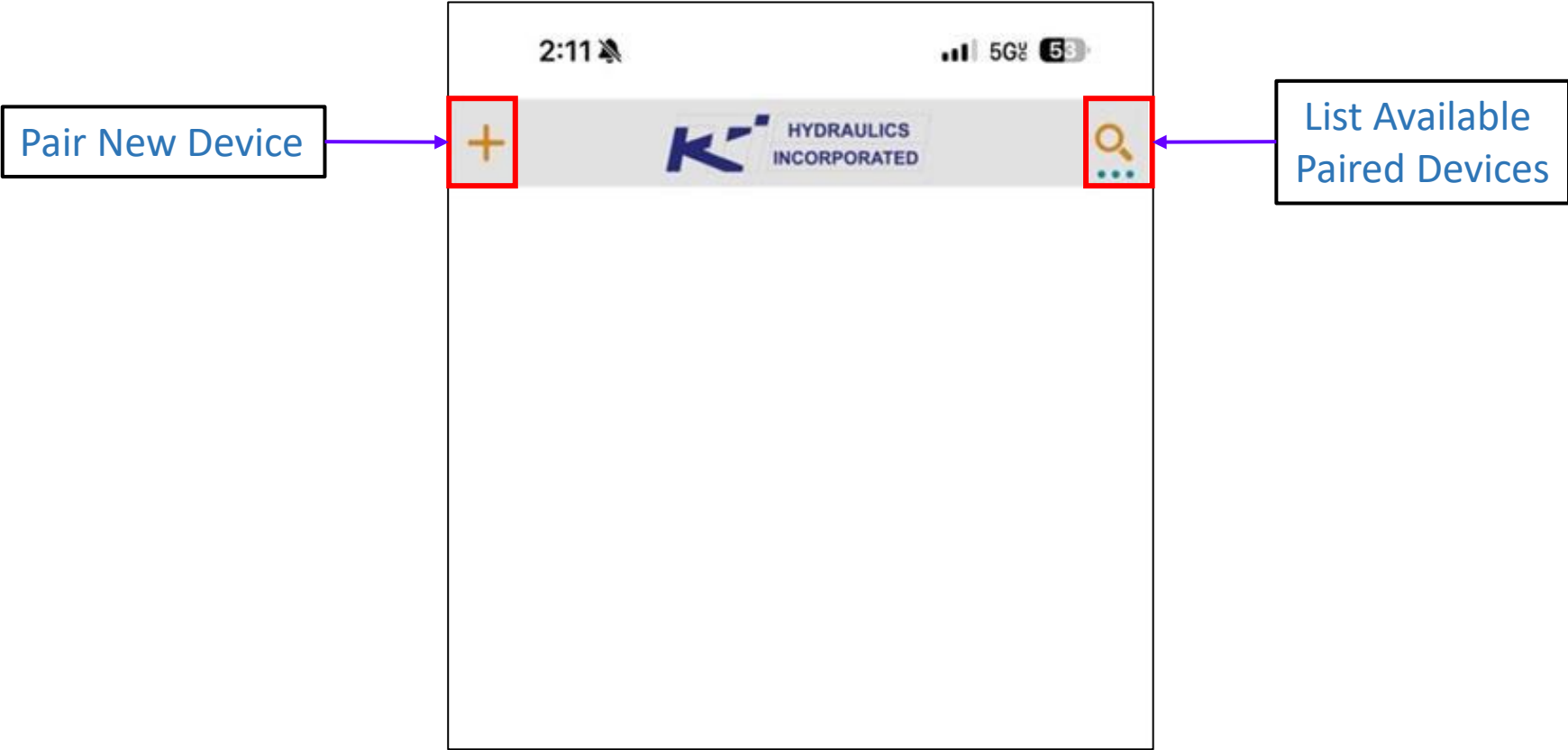
- **Power Up:** This will send a Power Up signal to the KWR unit.
- **Power Down:** This will send a Power Down signal to the KWR unit.
- **Signal Light / Battery Status:** When either the Power Up or Power Down button is pressed, this will have a solid light to indicate that the signal is being sent.
 - If the light is flashing while a button is pressed, it means the battery power is low and will need to be replaced soon.
- **Key Fob ON/OFF Switch** – This is to switch the power to the Key Fob – We recommend keeping the switch in the “OFF” position when the KWR unit is not being used.

For KWR-006 / KWR-007*

- **Power “In”*:** This will send a Power In signal to the KWR unit.
- **Power “Out”*:** This will send a Power Out signal to the KWR unit.
- **Gravity Down*:** This will activate the Down signal without activating the pump.

* Please consult your power unit’s hydraulic schematic diagram to understand which functions are actuated when connected to the KWR unit

Android / iOS Bluetooth KTI KWR App



Android / iOS Bluetooth App

- **Pair New Device:** This will access the phone's camera to scan for the KWR QR code, which is located on

1. The KWR unit itself



2. Back of the included key fob



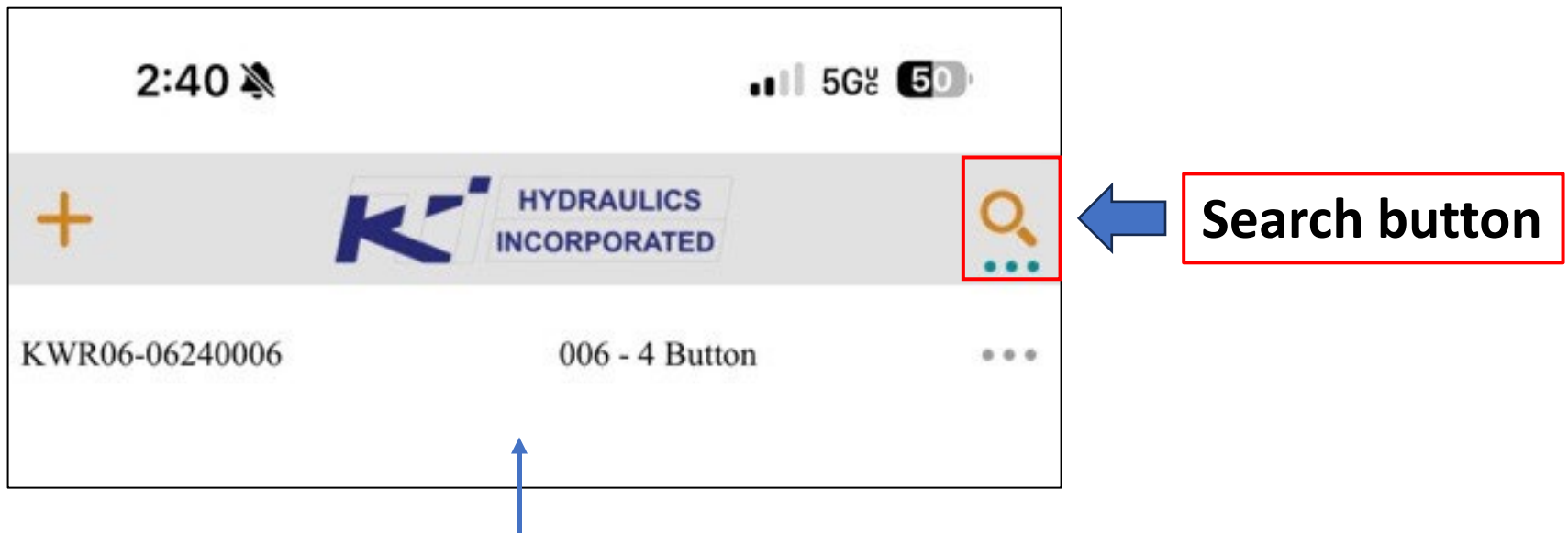
3. The OEM KWR Box



When asked for the passcode to pair with the device use “123456” (without the quotes).

Android / iOS Bluetooth App (cont'd)

- **List Available Paired Device:** Please press the search button on the upper right to search the surrounding area for previously paired KWR units and will be listed for selection if the units are available. This is used when you need to select between multiple KWR's that are in range.



Previously paired KWR units will be showing here after clicking search button.

Using the KWR

Basic Operation

- Make sure you are within 30 ft of the KWR unit with a clear line of sight. If you are outside 30 ft or do not have a clear line of sight, there may be difficulty in communicating with the KWR.
- You cannot simultaneously use the Bluetooth KTI app concurrently with the key fob.
 - The KWR unit will favor the Bluetooth device if it successfully connected. You must close the KTI KWR app on your device if you wish to operate the KWR with the key fob.
- **Sleep Mode** – If the KWR unit is powered on and left idle for 5 minutes, the indicator light will stop blinking green. Press any key on a key fob or cycle the power to wake up the unit.

Pairing a new Key Fob with the KWR unit

If you want to pair an additional key fob to a single receiver.

1. Locate the Pair / Reset Button on the KWR device. Press and hold the button for **3 seconds**, then release it once the unit emits a beep and the indicator light turns orange.



Pair/Reset Button

2. On the new key fob you wish to pair, press the Power Up or Power Down button several times until the unit responds.

3. The newly paired key fob should be able to communicate with the KWR device if the pairing was successful.

Clearing KWR Memory of Previously Paired Key Fobs

1. Locate the Pair / Reset Button on the KWR device. Press and hold the button for **10 seconds** after the unit emits 2 beeps and the indicator light flashes orange twice.

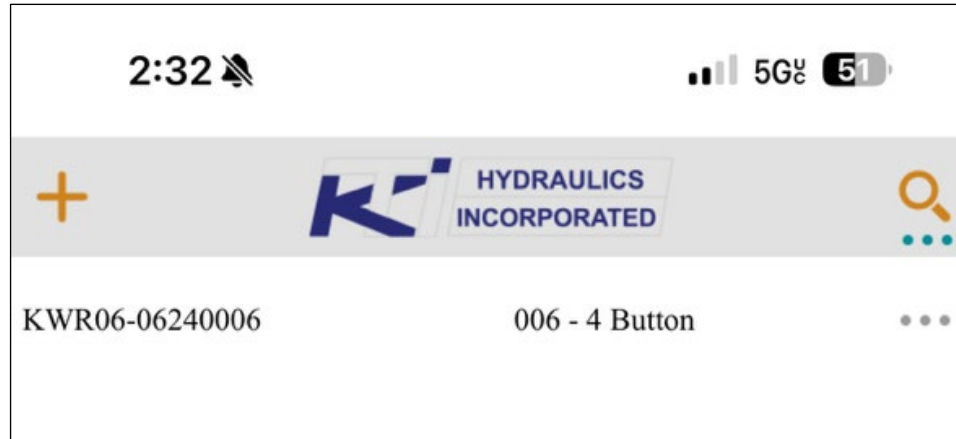


Pair/Reset Button

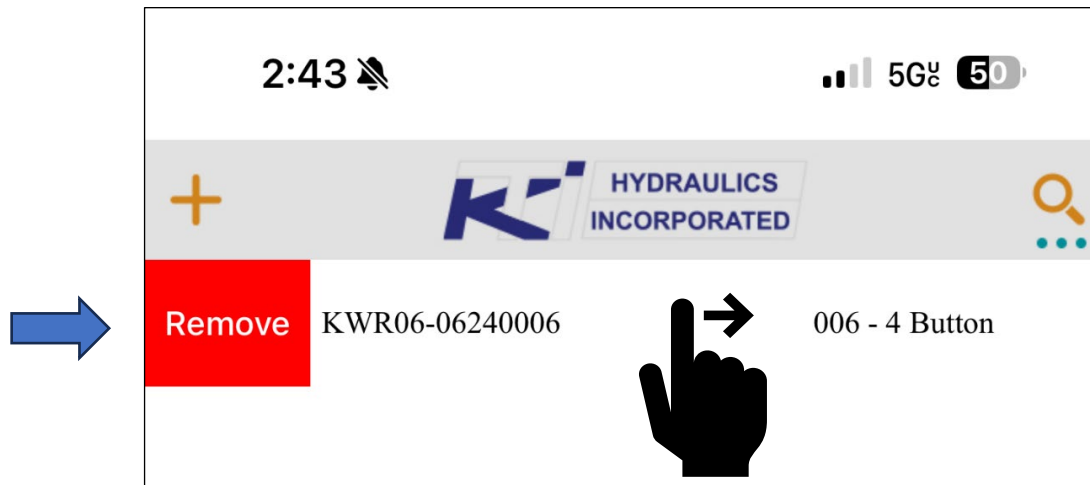
If the reset was successful, all previously paired key fobs will be unable to communicate with the KWR device.

Clearing KWR memory (Bluetooth devices)

1. Go to the landing page when open the app

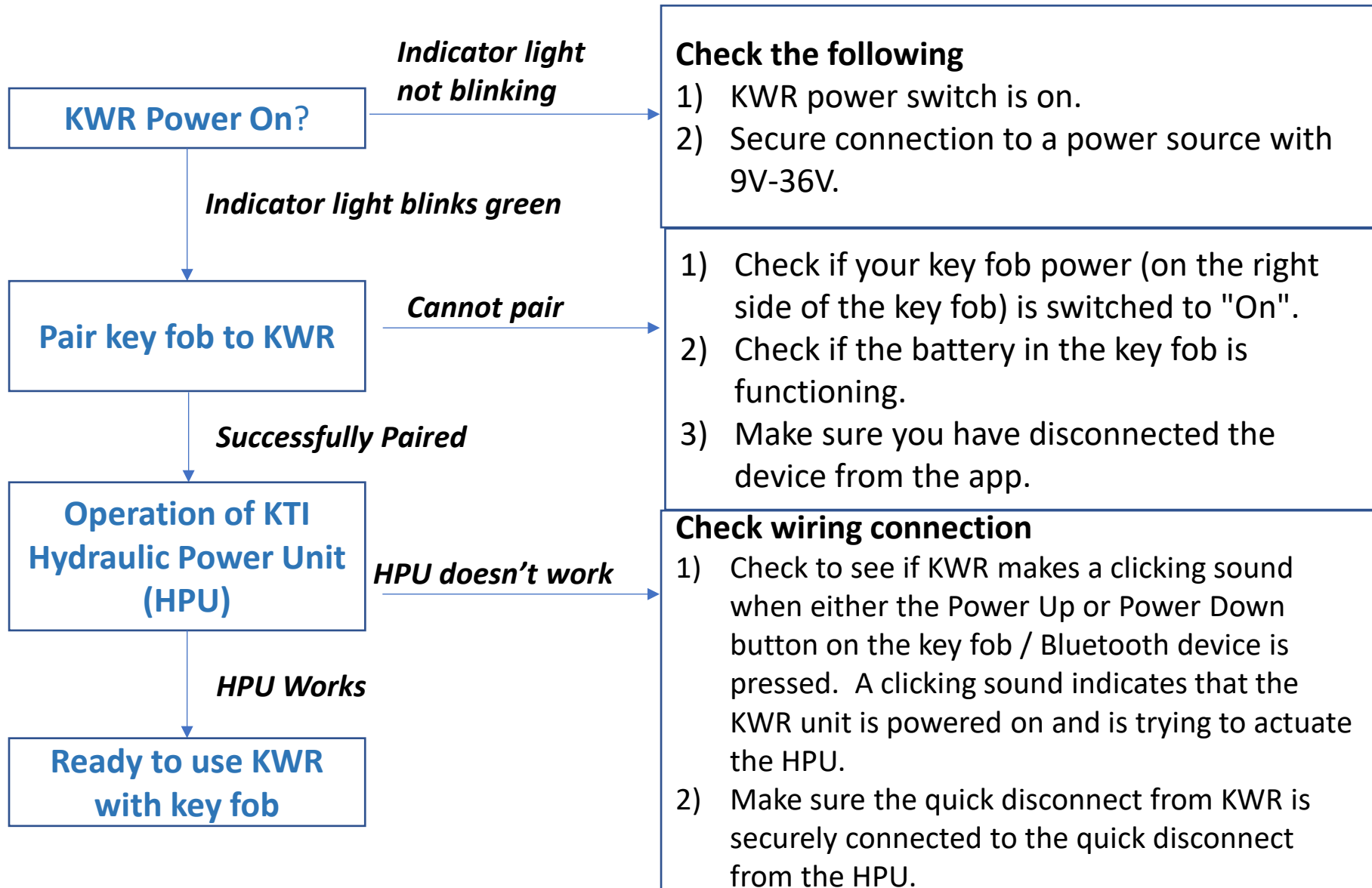


2. Swipe towards right of the serial number and click **Remove**



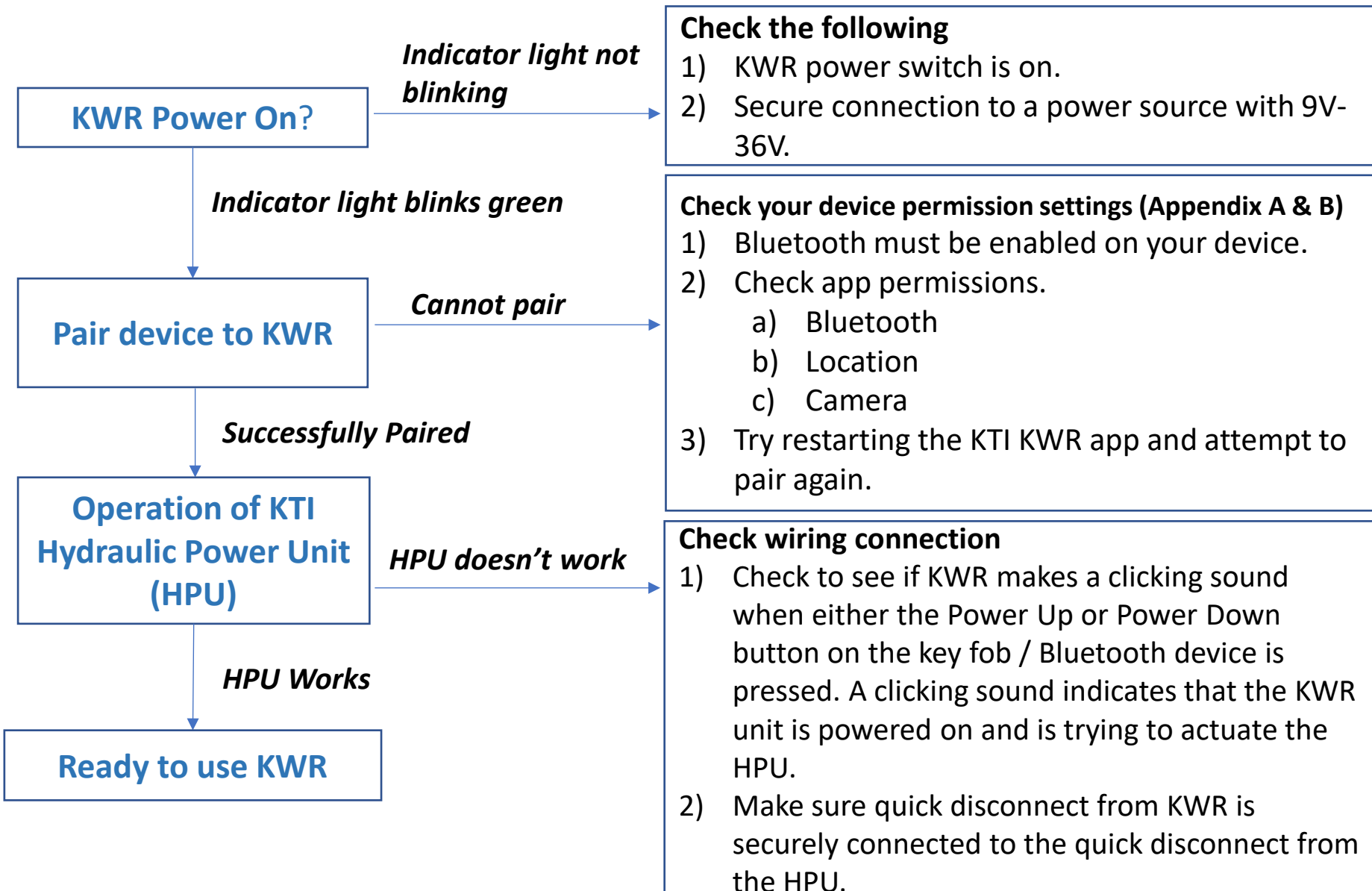
Troubleshooting – Key Fob

Basic Troubleshooting – Key Fob



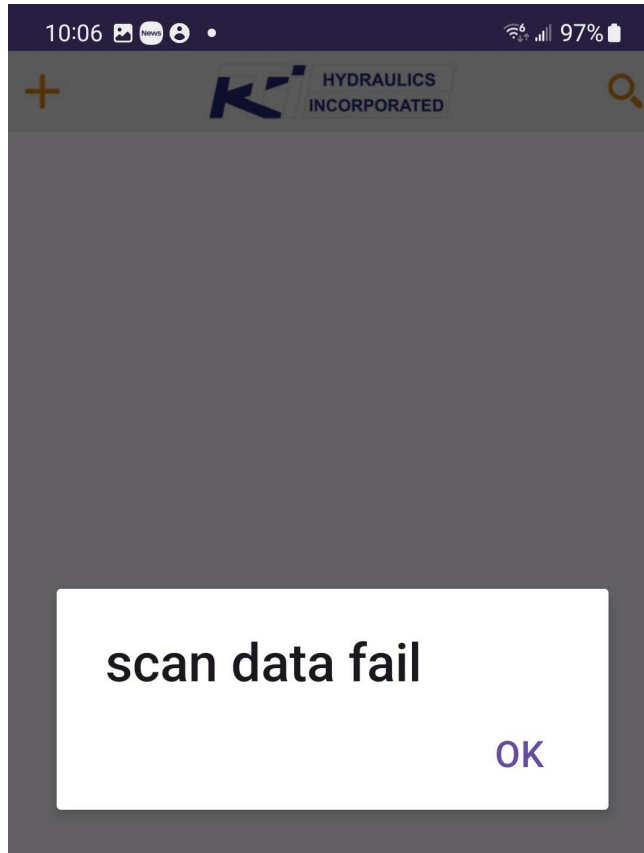
Troubleshooting

Basic Troubleshooting – Bluetooth devices



Typical Problems / Error Messages - *Permissions not Allowed*

Android



The message is typically encountered when

- Permissions were not granted to the Bluetooth KTI app

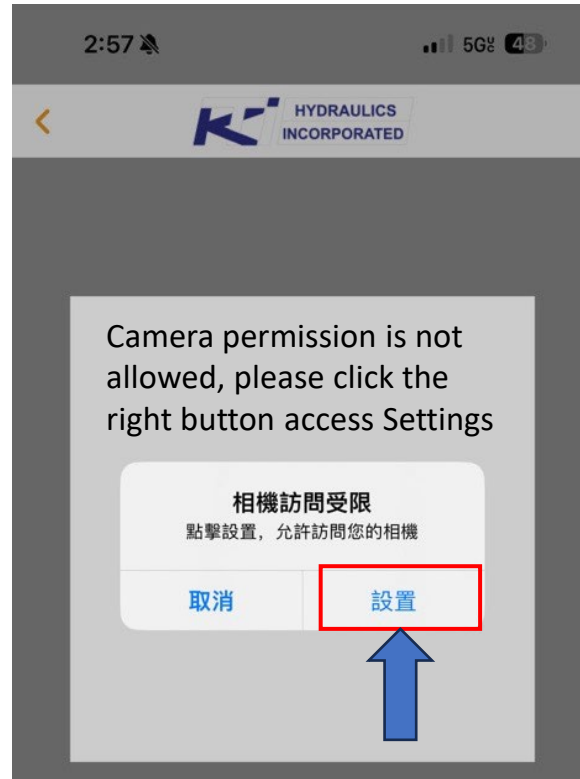
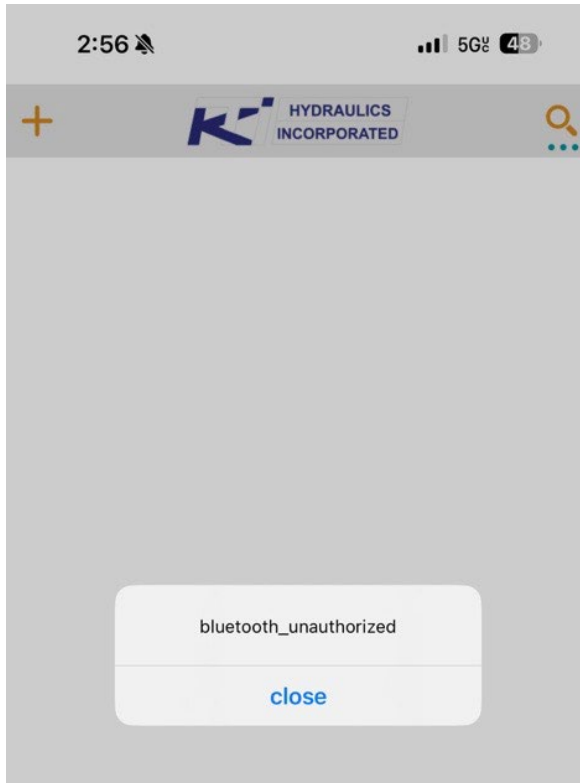
Other typical problems:

- KWR is in sleep mode
- Another device or key fob is currently paired with the KWR and operating the unit

*Permission setting instructions for Android devices, see Appendix A, page 24-25

Typical Problems / Error Messages - *Permissions not Allowed*

iOS



These messages are typically encountered when

- Permissions were not granted to the Bluetooth KTI app

Other typical problems:

- KWR is in sleep mode
- Another device or key fob is currently paired with the KWR and operating the unit

*Permission setting instructions for iOS devices, see Appendix A, page 26-27

Typical Problems / Error Messages

Connection Failed / QR Code Mismatch / No equipment / Device is not found (cont'd)

Possible Solutions

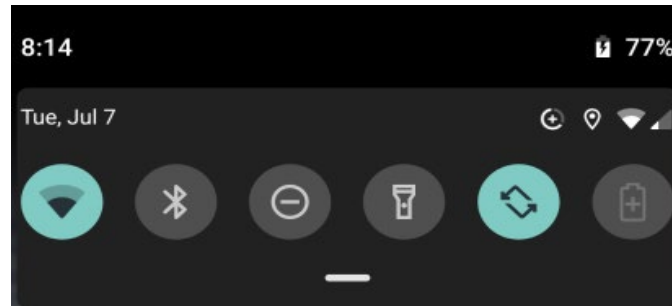
1. Check to make sure that the KWR unit is powered on and the indicator light is blinking green.
2. Make sure the Bluetooth application has the correct permissions to access functionality on your device.
 - a) For Android devices, see Appendix A, page 24-25.
 - b) For Apple devices, see Appendix B, page 26-27.
3. Wake up the device by pressing a button on the key fob, or by turning the KWR unit off and on.
4. Make sure no other devices are being used for at least 5 seconds before attempting to pair or connect to the KWR device.

Appendices

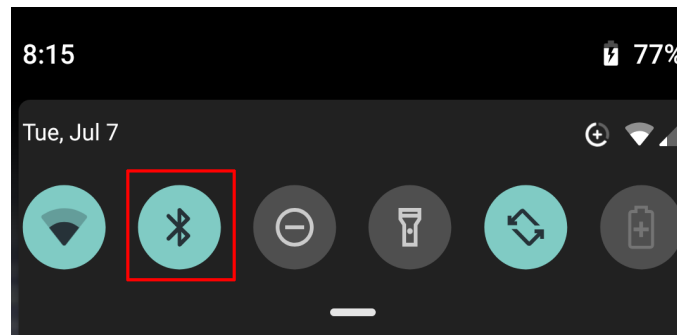
Appendix A – Android Device Setup

Turn on/off Bluetooth on your Android device

1. Open the Quick Settings menu. This is typically done by swiping down from top of your device.

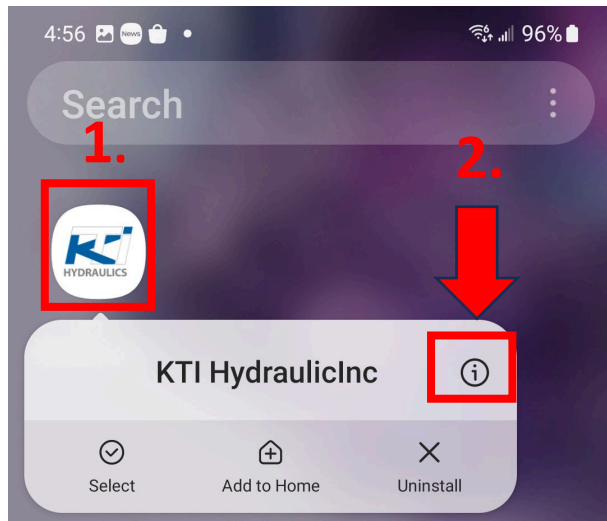


2. Locate the Bluetooth Symbol and check to see if it is turned on. If it is not, simply tap the Bluetooth symbol.

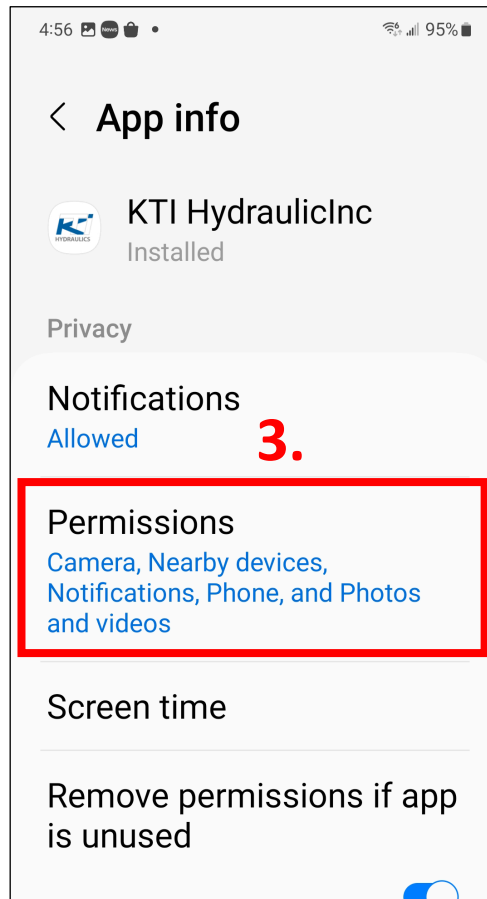


Checking Application Permissions for the KTI KWR

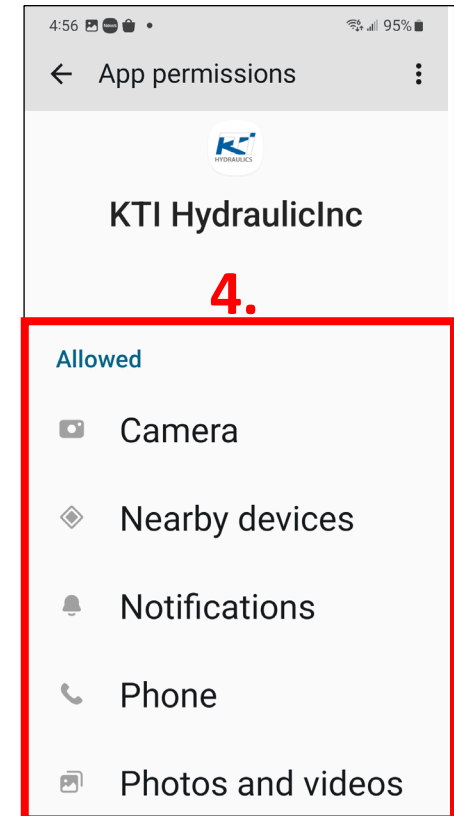
1. On your Android device, find the app and press on the app until options pop up
2. Click the info icon on top right



3. Select "Permissions"



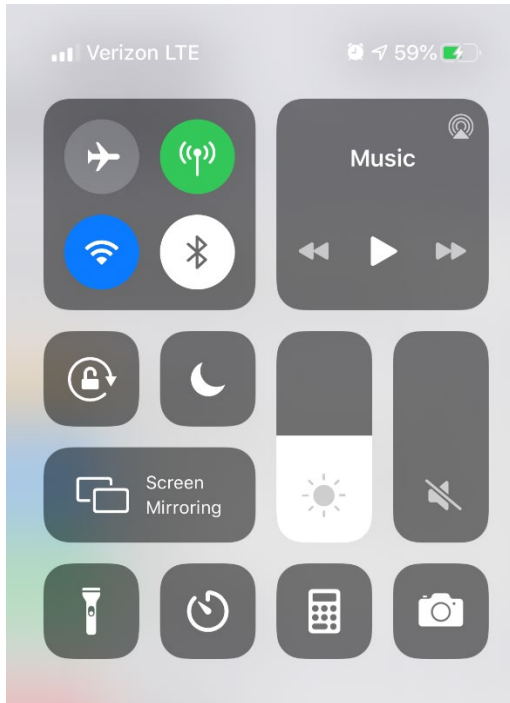
4. All permissions must be enabled. If these are not enabled, the application will not work correctly



Appendix B – iOS Device Setup

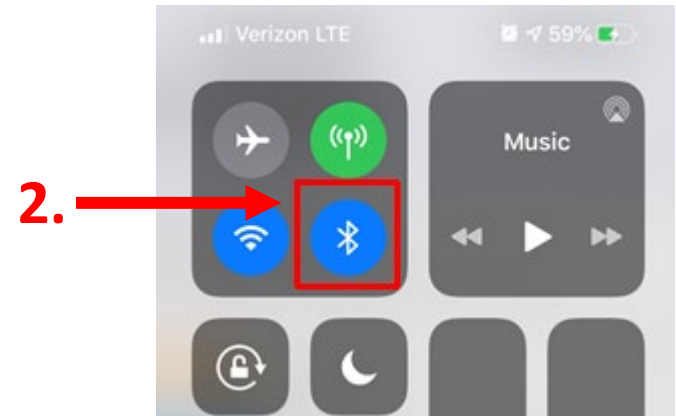
Turn on/off Bluetooth on your iOS device

1. Open the Control Center menu.



- On iPhone X or later, swipe down from the top-right corner of your screen
- On iPhone SE (2nd generation), iPhone 8 or earlier, or iPod touch, swipe up from the bottom edge of your screen

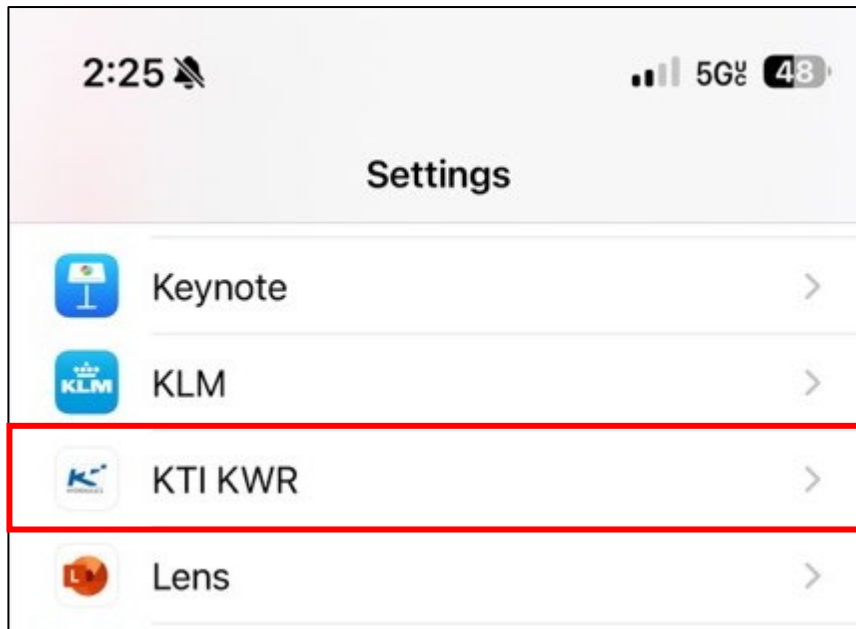
2. Locate the Bluetooth Symbol and check to see if it is turned on. If it is not, simply tap the Bluetooth symbol



Checking application permissions for the KTI KWR app

1. On your iOS device, go to “Settings” 

2. Scroll down and find the app “KTI KWR” and select it.



3. On your iPhone device, “Bluetooth” and “Camera” must be enabled. If these are not enabled, the application will not work correctly.

