

Update a Single Talon from the Talon App with iOS

Talon software updates are performed through the Talon app. The Talon must be paired and communicating with the device through a Bluetooth connection in order for the Talon to be updated. Follow these steps when using iOS for a single Talon.

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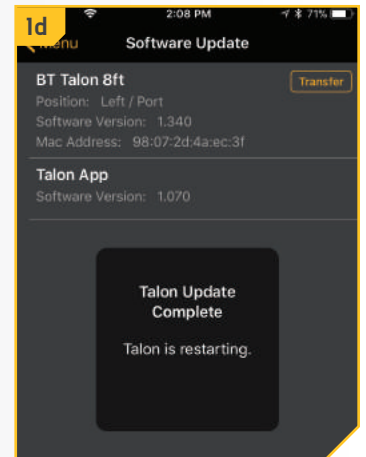
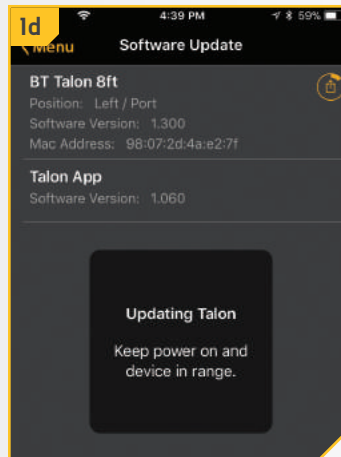
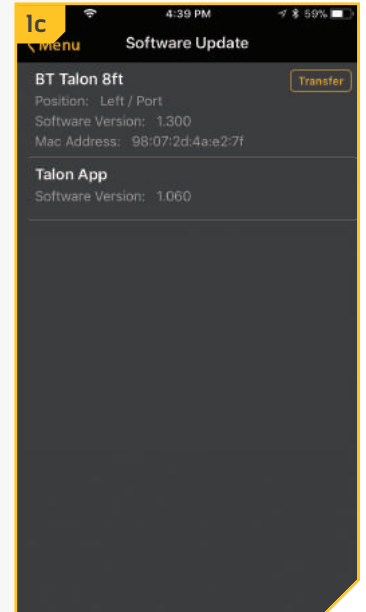
- a. Confirm that the Talon is both paired and communicating with the device. Once confirmed, open the Talon App.

NOTICE: If the App contains a critical Talon software update that is more up-to-date than the Talon it is paired to, the App will force you to update the Talon.

- b. If the App recognizes that it is more up-to-date than the Talon, a Software Update Required message will appear on the screen. The Talon App will offer the options to either Update Software or enter Demo Mode. Select Update Software to continue the update.

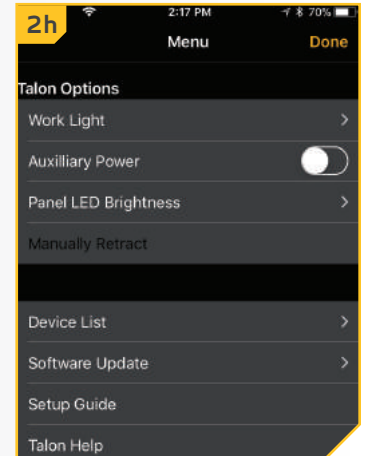
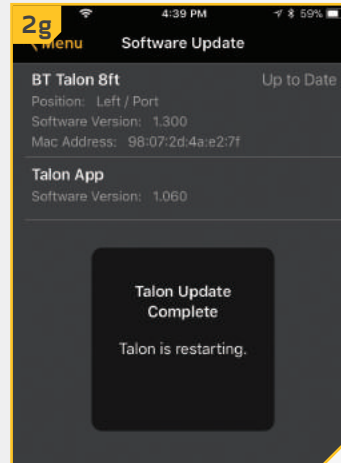
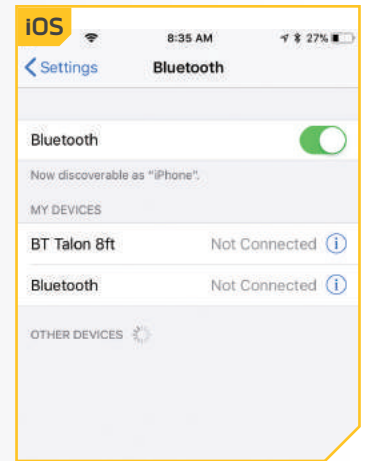
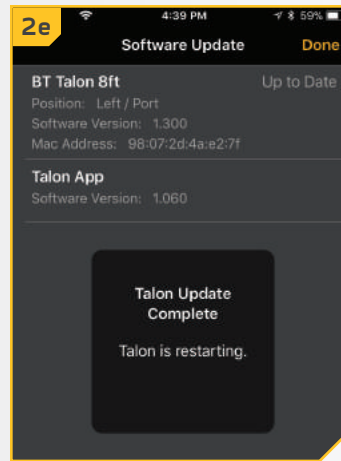
NOTICE: If you choose to enter Demo Mode, you can return to update the Talon by selecting the Menu icon and then choosing the Software Update option from the Menu list.

- c. The App will come to a Software Update screen. The software version for each Talon in memory will be shown. If a Talon appears in the list, but the title is in grey, the Talon and the devices are currently not communicating. A Transfer button will appear next to each Talon in memory that are not up-to-date and are actively communicating with the device. Select the Transfer Button to update the Talon software.
- d. While the Talon App is loading the update to the Talon, the Transfer button will change into a progress icon. While the transfer is taking place, make sure to keep the power of the Talon and device "on" and keep the device in range of the Talon.



- e. Once the update has been completely transferred to the Talon, the Talon will restart. The indicator lights will flash and the Talon will beep. The Software Update Screen will replace the icon showing progress with an Up to Date message.
- f. Updates to the Talon interrupt the Bluetooth connection between the Talon and the iOS device where the Talon App is installed. The App will always assume that the Talon is connected and will not force the device to connect to the Talon. To restore the Bluetooth connection between the Talon and the device, go to the Bluetooth Setting on the device.
- g. On the iOS device, open the Bluetooth Settings. Select Not Connected to reinitiate the communication between the Talon and the iOS device. Once the status shows "Connected", exit the Bluetooth Settings menu, and return to the Software Update screen in the app.
- h. To confirm that the Talon is updated, select the Menu button from the Talon Software Screen. From the Menu, Select the Done Button. The app should return to the Talon Control Screen and now allow for the app to control the Talon.

NOTICE: Because some iOS devices may be operating older iOS software revisions, it may be necessary to close, and then restart the Talon App to make sure that all software updates were successful. Be sure to confirm that the iOS device is connected in the Bluetooth Settings menu.

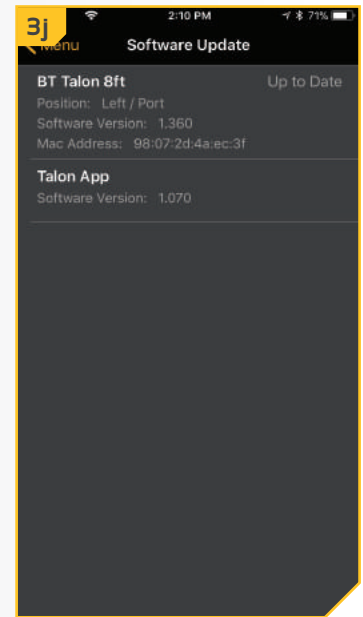
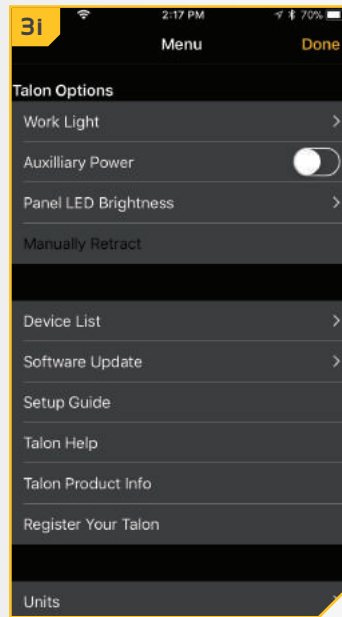


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- i. In addition to controlling the Talon, you can verify that the Talon is up-to-date by selecting the Menu and returning to the Update Software option and verifying that the Software Version listed for the Talon increased. The app will note if the Talon is Up to Date.
- j. Once the Talon software update is complete, the Talon will automatically push the update to any remotes or foot switches that are paired to it once they are in range and as soon as they are actively communicating.

NOTICE: While any Talon Remotes or Foot Switches are being updated, the Indicator lights will scroll. At the end of the updates, all of the lights will flash on and then turn off to signal the update is complete. These devices will then need to be repaired.

NOTICE: If the Talon App returns to the Home Screen where the main Talon control is located and the device is not actively communicating with the Talon, a Talon Not Found message will appear over the controls. If this message appears, go to the Bluetooth Settings menu on the device to connect the Talon.



› Update Two Talons Paired Together from the Talon App with iOS

Talon software updates are performed through the Talon app. The Talon must be paired and communicating to the device through a Bluetooth connection in order for the Talon to be updated. Follow these steps when using iOS for two Talons paired together.

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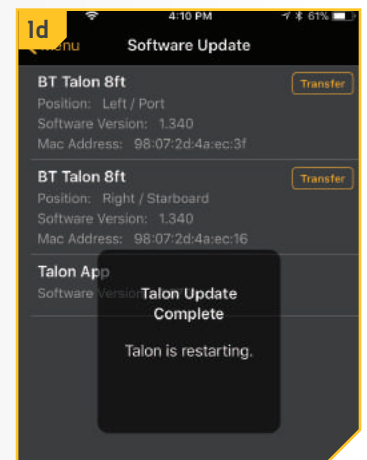
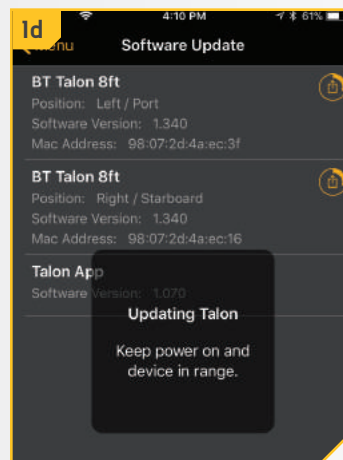
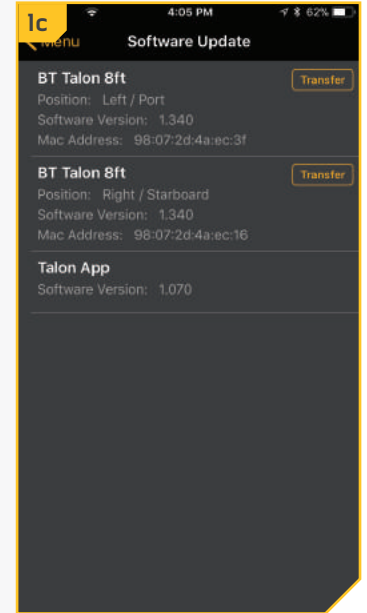
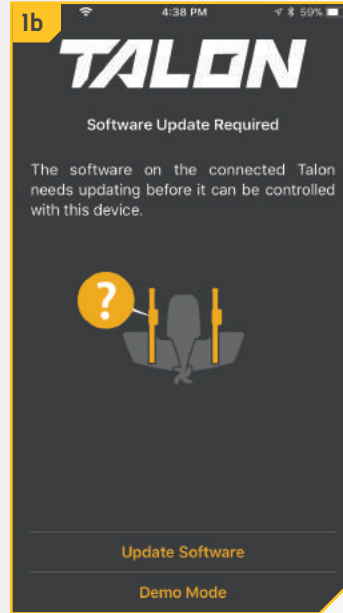
- a. Confirm that the two Talons are paired together. Confirm that one Talon is both paired and communicating with the device. Once confirmed, open the Talon App.

NOTICE: If the App contains a critical Talon software update that is more up-to-date than the Talon it is paired to, the App will force you to update the Talon.

- b. If the App recognizes that it is more up-to-date than the Talons, a Software Update Required message will appear on the screen. The Talon App will offer the options to either Update Software or enter Demo Mode. Select Update Software to continue the update.

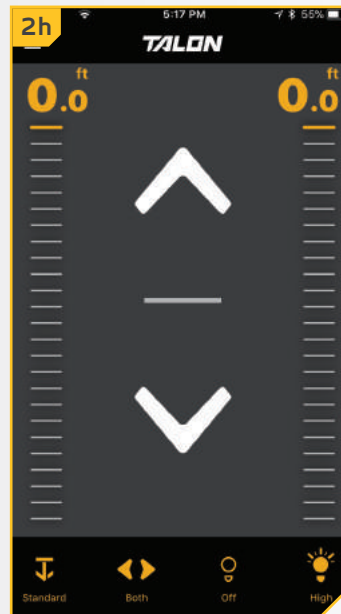
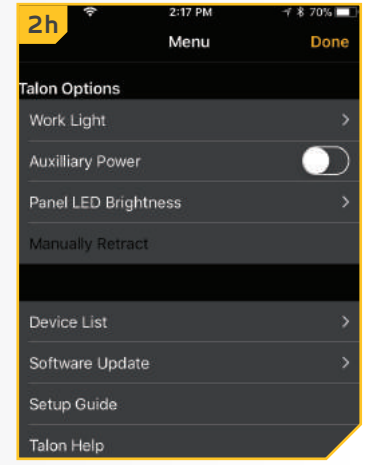
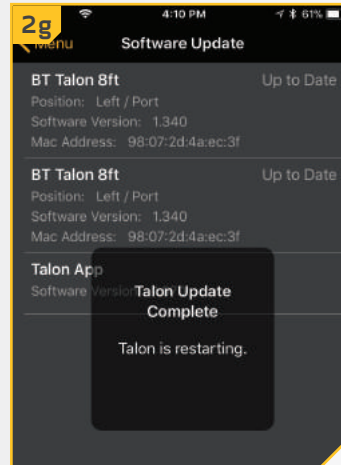
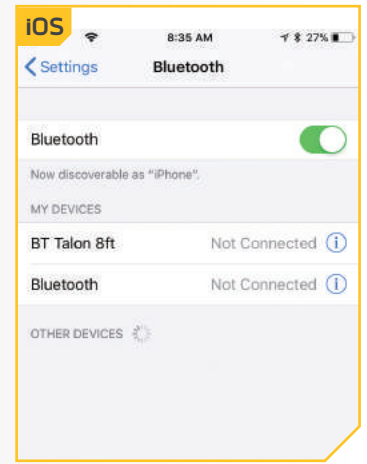
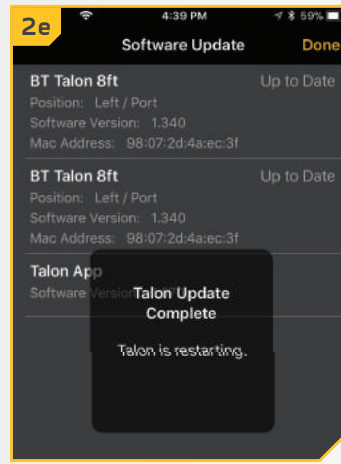
NOTICE: If you choose to enter Demo Mode, you can return to update the Talon by selecting the Menu icon and then choosing the Software Update option from the Menu list.

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- d. While the Talon app is loading the update to the Talons, the Transfer button will change into a progress icon. While the transfer is taking place, make sure to keep the power of the Talons and device "on" and keep the device in range of the Talons.



- e. Once the update has been completely transferred to the Talons, the Talons will restart. The indicator lights will flash and the Talons will beep. The Software Update Screen will replace the icon showing progress with an Up to Date message.
- f. Updates to the Talon interrupt the Bluetooth connection between the Talons and the iOS device where the Talon App is installed. The App will always assume that the Talons are connected and will not force the device to connect to the Talon. To restore the Bluetooth connection between the Talons and the device, go to the Bluetooth Setting on the device.
- g. On the iOS device, open the Bluetooth Settings. Select Not Connected to reinitiate the communication between the Talon and the iOS device. Once the status shows "Connected", exit the Bluetooth Settings menu, and return to the Software Update screen in the app.
- h. To confirm that the Talons are updated, select the Menu button from the Talon Software Screen. From the Menu, Select the Done Button. The app should return to the Talon Control Screen and now allow for the app to control the Talons.

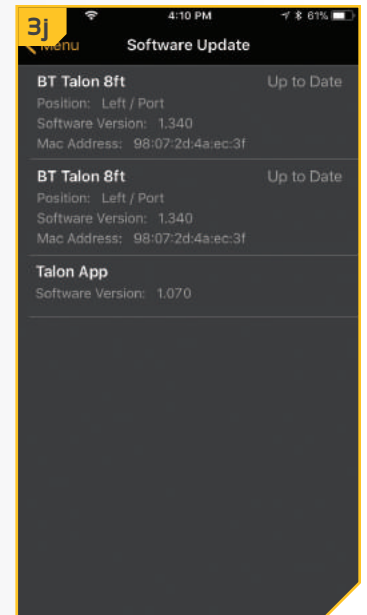
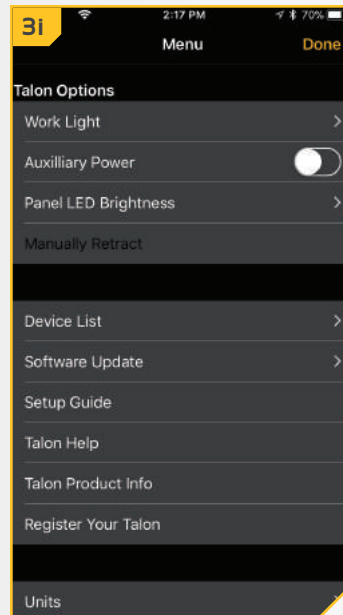
NOTICE: Because some iOS devices may be operating older iOS software revisions, it may be necessary to close, and then restart the Talon App to make sure that all software updates were successful. Be sure to confirm that the iOS device is connected in the Bluetooth Settings menu.



- i. In addition to controlling the Talons, you can verify that the Talons are up-to-date by selecting the Menu and returning to the Update Software option and verifying that the Software Version listed for the Talons increased. The app will note if the Talons are Up to Date.
- j. Once the Talon software update is complete, the Talons will automatically push the update to any remotes or foot switches that are paired to them once they are in range and as soon as they are actively communicating.

NOTICE: While any Talon Remotes or Foot Switches are being updated, the Indicator lights will scroll. At the end of the updates, all of the lights will flash on and then turn off to signal the update is complete. These devices will then need to be repaired.

NOTICE: If the Talon App returns to the Home Screen where the main Talon control is located, and the device is not actively communicating with the Talons, a Talon Not Found message will appear over the controls. If this message appears, go to the Bluetooth Settings menu on the device to connect the Talon.



› Talon App Home Screen

Minn Kota offers a Talon app that can be used to control and update the Talon using a Bluetooth® enabled device. The Talon app is available for download on iOS devices through the Apple App store or Android devices through the Google Play store.

HEADER ›



Menu

When selected, the Menu gives additional options to control the Work Light color and intensity, complete software updates, review the setup guide, and additional product control and support.

NOTICE: When the device is not connected to a Talon, the Menu will bring up the option to enter Demo Mode. Once the device is connected to a Talon, Demo Mode is exited and the option is not available.

APP BUTTONS ›



Auto Up

Used to retract the anchor.



Auto Down

Used to deploy the anchor. Must be double-pressed to engage.



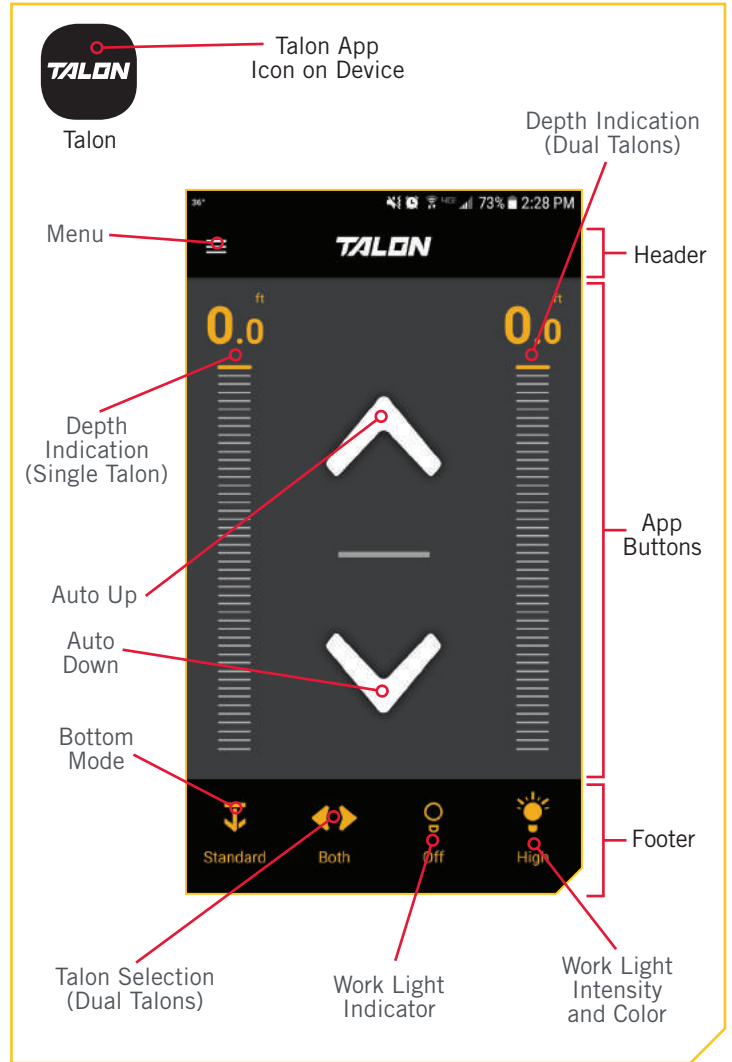
Pause

When pressed it interrupts the current action. The Talon(s) will remain at the current depth until another command is sent. The action for both deploying and retracting the anchor can be paused. The pause button may appear in place of the Auto Up or Auto Down buttons, during deploying or retracting and will disappear when pressed while the unit is paused.



Depth Indication

Increments the depth that the Talon is deployed or retracted. The spacing of the increments will vary depending on if an 8', 10', 12' or 15' Talon is being controlled.

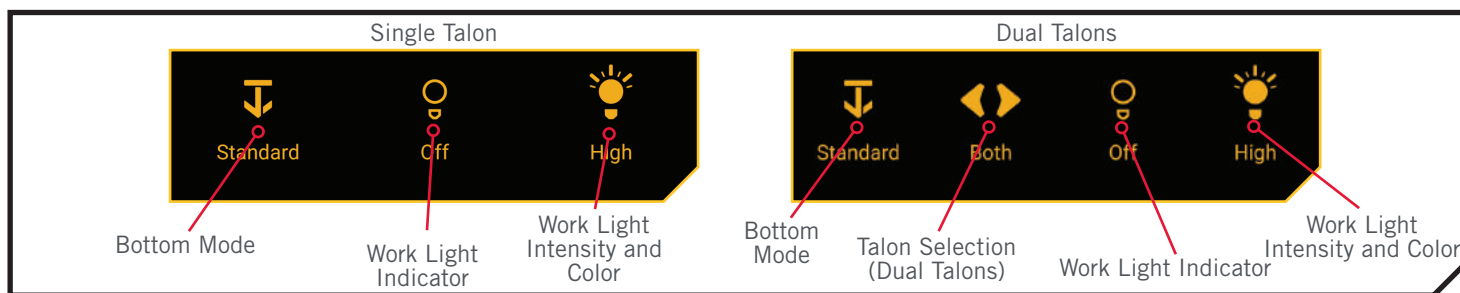


NOTICE: Specifications subject to change without notice. This diagram is for reference only and may differ from your actual app interface. The Talon App will only work with Bluetooth® enabled Talons. Be sure that you download the correct app as other Minn Kota® apps will not work with your Talon.

⚠ WARNING

You are responsible for the safe and prudent operation of your boat. This product does not relieve you from the responsibility for safe operation of your boat.

You must avoid hazards to navigation and always maintain a permanent watch so you can respond to situations as they develop. You must always be prepared to regain manual control of your boat.



Standard Mode

Standard Mode is the default anchoring Mode for Talon. In Standard Mode, Talon's Auto Deploy will operate with maximum down-force with a complete Auto-Drive cycle of three hits spaced at three seconds apart. When put in Standard Mode, the Mode Indicator LED in the Indicator Panel will toggle between red and green and then turn off.

NOTICE: If power is cycled to the Talon, the Talon will “remember” if it was last in “Standard Mode” or “Soft Bottom Mode,” and will return to that last known mode. However, if it is left in “Rough Water Mode,” and power is cycled, it will default to “Standard Mode.” This is done to prevent Talon from unnecessarily over-anchoring.



Rough Water Mode

In Rough Water Mode, the Mode LED Indicator on the Indicator Panel will be lit red. In Rough Water Mode, the Auto Deploy will operate with maximum down-force with three Auto-Drive cycles of three hits each, spaced 3 seconds apart. **The three Auto-Drive cycles will be spaced at 10 second intervals.**



Soft Bottom Mode

In Soft Bottom Mode, the Auto Deploy will operate at a reduced power with a single hit. During calm conditions or on water with muddy or soft sandy bottoms, Soft Bottom Mode will prevent the Talon from over-anchoring. In Soft Bottom Mode, the Mode Indicator LED will be lit green on the Indicator Panel.



Talons Selection - Both

Indicates both the Port and Starboard Talon are selected and will be controlled while operating. Press to Toggle between left, right and both Talons. This option is only seen when the app is set up to control two Talons.

NOTICE: The Talon Selection options are only visible when the Talon is set up to control two Talons.



Talon Selection - Left

Indicates the left Talon is selected and will be controlled while operating. By default the left Talon is the Port side Talon when multiple Talons are installed and paired. This can be changed in the App menu. Press to Toggle between left, right and both Talons.



Talon Selection - Right

Indicates the right Talon is selected and will be controlled while operating. By default, the right Talon is the Starboard side Talon when multiple Talons are installed and paired. This can be changed in the App menu. Press to Toggle between left, right and both Talons.



Work Light On

Indicates that the Work Light on the Talon is toggled "on". Press to turn "off".



Work Light Off

Indicates that the Work Light on the Talon is toggled "off". Press to turn "on".



Work Light Intensity - Low

Indicates that the Work Light Intensity is set to low.



Work Light Intensity - Medium

Indicates that the Work Light Intensity is set to medium.



Work Light Intensity - High

Indicates that the Work Light Intensity is set to high.

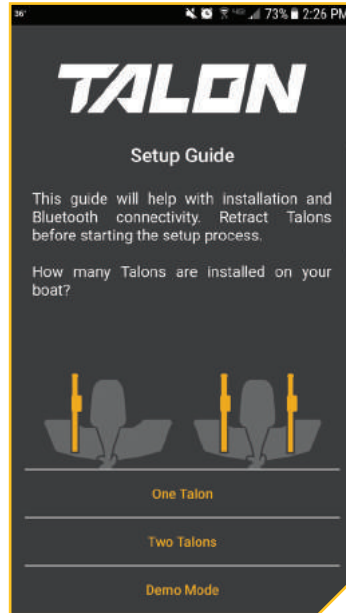
NOTICE: Pressing the Work Light Intensity button will toggle through the light color set in the Menu. From the Menu, the color of the Work Light can be toggled between white and blue. The Work Light Intensity indicator will be yellow when the light is set to white and blue when the light is set to blue.

LAUNCHING THE APP & DEMO MODE >

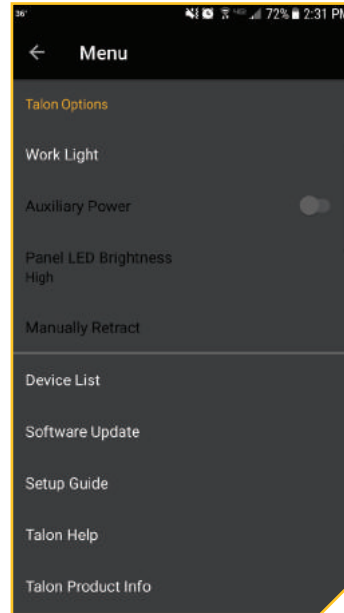
Launching the app when it is not paired with the Talon will allow you to try it in Demo Mode. The first time the app is launched, you must agree with the disclaimer in order to continue. Become familiar with the app screens in order to understand how to operate your Talon with the app.



The Disclaimer screen appears when the app is launched for the first time.



The Setup Guide appears after the Disclaimer when the device is not paired or actively communicating with a Talon.



The Menu brings up a variety of control options for the Talon. The options will depend on if and how many Talons are paired.



The Talon Control Screen when one Talon is paired to the device. This screen differs slightly when two devices are paired.

> Talon Control and Disable Auto-Lock

Most devices are programmed to Auto-Lock the device screen after a certain amount of time has lapsed where the device has been inactive. In these cases when the user had the Talon App open to control the Talon, and returns to the device, the screen may be locked. In order to control the Talon, the device will first need to be unlocked to control the Talon with the App. This Auto-Lock feature can be disabled from the Talon app in order to immediately control the Talon after the device has been inactive. To turn Auto-Lock "on", open the Talon app and navigate to the Menu. Scroll to the bottom of the Menu and find the Disable Auto-Lock setting. When the toggle is slid "on" and appears yellow, the Disable Auto-Lock is engaged and will prevent the device screen from locking when the device experiences moments of inactivity. With this feature enabled, the device will immediately control the Talon.

› Check the Application and Talon Software Version on the App

When a Talon is paired with a device, the Talon app on the device records information about the paired Talon(s) including the software version installed on each. This information can be used to detect if a Talon requires a software update. To check the software version on paired Talon(s), follow the steps below.

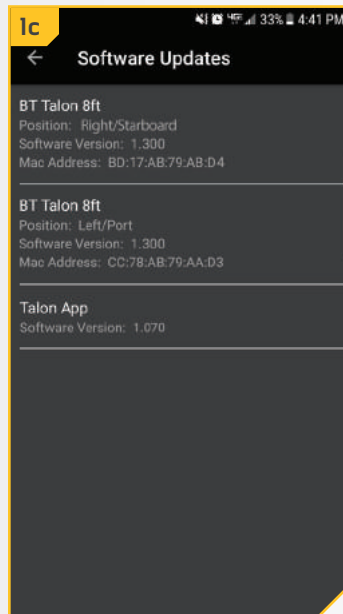
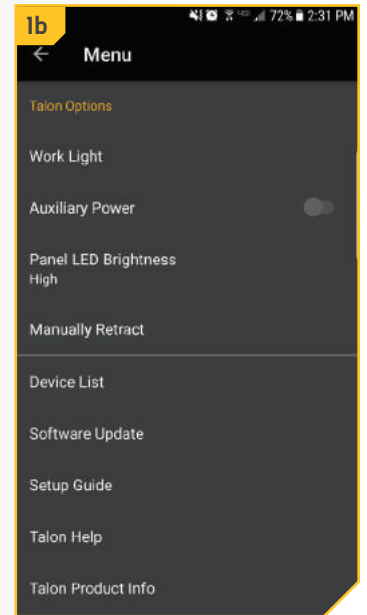
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- a. From the Talon app Home screen, press the Menu Button.
- b. In the Menu Screen, find the Software Update option and select it.
- c. The Software Update Screen will appear. The Software List will show any Talons that are paired with the app and the Talon App Software Version.

NOTICE: Noting the version of the App, before and after updates help to identify if the updates were successful.

NOTICE: If the app cannot communicate directly with the Talon, the app will show the version of software that it detected the last time the device was paired and communicating with the Talon.

- d. If there are no Talons paired, the list will only show information for the Talon App. If Talons are paired and communicating, the name of each device will be colored white. If the Talons are paired, but are not communicating the Talon name will be colored grey.



Update a Single Talon from the Talon App with Android

All updates to the Talon are communicated through the Talon app. The Talon must be paired and communicating to the device through a Bluetooth connection in order for the Talon to be updated. Follow these steps when using an Android device for a single Talon.

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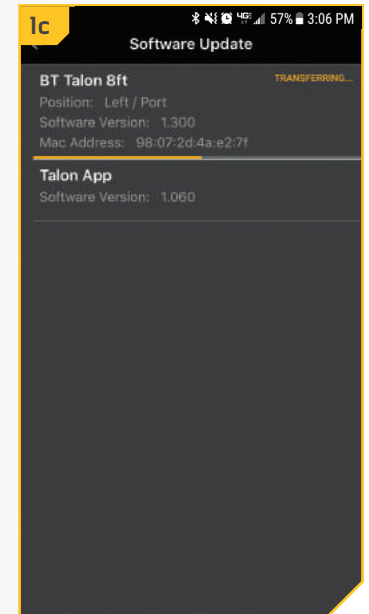
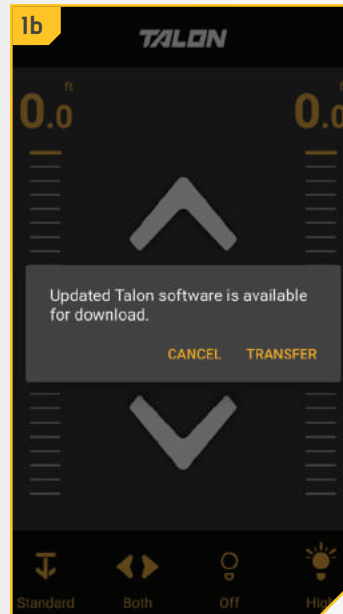
- a. Confirm that the Talon is both paired and communicating with the device. Once confirmed, open the Talon App.

NOTICE: If the App contains a critical Talon software update that is more up-to-date than the Talon it is paired to, the App will force you to update the Talon.

- b. If the App recognizes that it is more up-to-date than the Talon, a message will appear on the screen notifying the user that updated Talon software is available. The app will offer the option to either Cancel or Transfer the update. Select Transfer to continue the update.

NOTICE: If you choose to Cancel the update, you can return to update the Talon by selecting the Menu icon and then choosing the Software Update option from the Menu list.

- c. The App will bring up the Software Update screen. The Software Version for each Talon in memory will show. If a Talon appears in the list, but the title is in grey, the Talon and the devices are currently not communicating. If Transfer was selected when the Software Update message appeared, the device will begin to update and the Software Update Screen will change to read Transferring. While the Talon App is transferring a progress bar will appear below the Talon listed. While the transfer is taking place, make sure to keep the power of the Talon and device "on" and keep the device in range of the Talon.



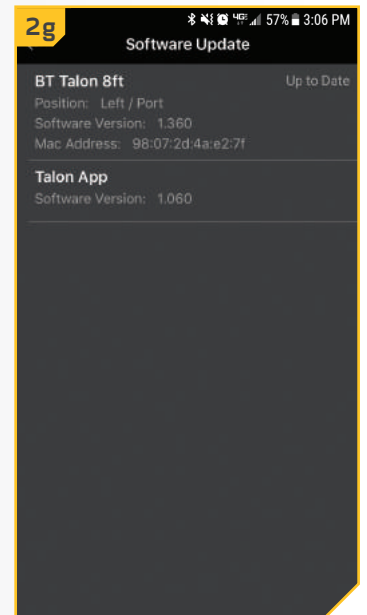
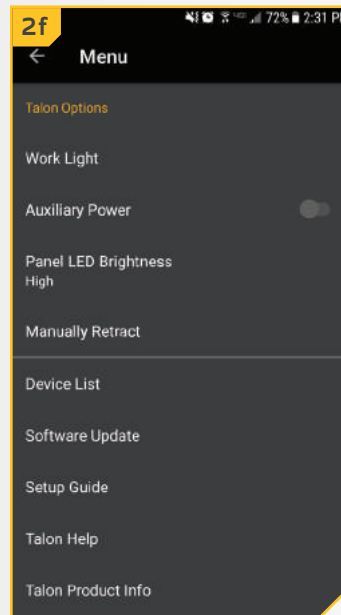
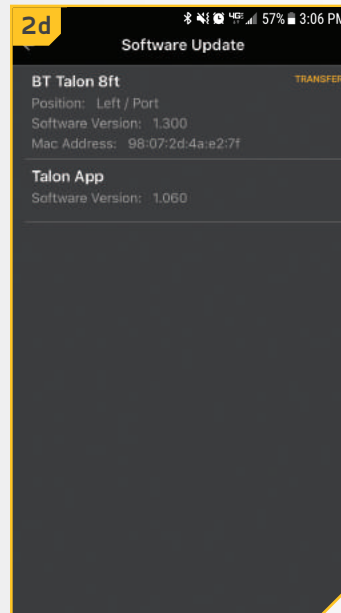
NOTICE: If the process was first canceled, and then the user returns to the Software Update Screen, a Transfer button will appear next to the Talon in memory that is not up-to-date actively communicating with the device. Select the Transfer Button to begin the Software Update process.



- d. Once the update has been completely transferred to the Talon, the Talon will restart. The Software Update Screen will change from Transferring... to Transfer while the Talon is restarting.
- e. The Indicator Lights on the Talon will flash and the Talon will beep. Once the Talon restarts, the app will return to the Talon Control Screen.
- f. To confirm that the Talon is updated, open the Menu and select the Update Software option and verifying that the Software Version listed for the Talon increased.
- g. The Software Update Screen showing an Up to Date message next to the Talon.
- h. Once the Talon software update is complete, the Talon will automatically push the update to any remotes or foot switches that are paired to it once they are in range and as soon as they are actively communicating.

NOTICE: While any Talon Remotes or Foot Switches are being updated, the Indicator lights will scroll. At the end of the updates, all of the lights will flash on and then turn off to signal the update is complete. These devices will then need to be repaired.

NOTICE: If the Talon App returns to the Home Screen where the main Talon control is located, and the device is not actively communicating with the Talon, a Talon Not Found message will appear over the controls. If this message appears, go to the Bluetooth Settings menu on the device to connect the Talon.



› Update two Talons Paired Together from the Talon App with Android

Talon software updates are performed through the Talon app. The Talon must be connected and communicating to the device through a Bluetooth connection in order for the Talon to be updated. Follow these steps when using an Android device for two Talons paired together.

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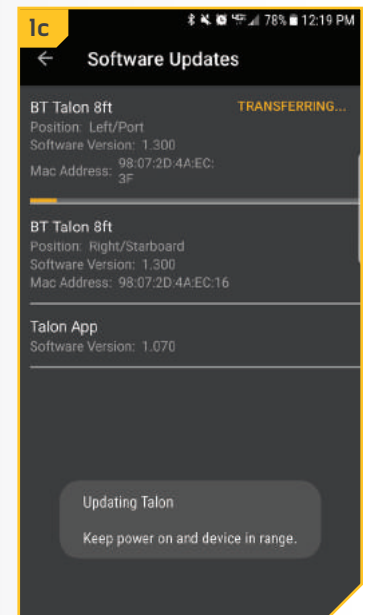
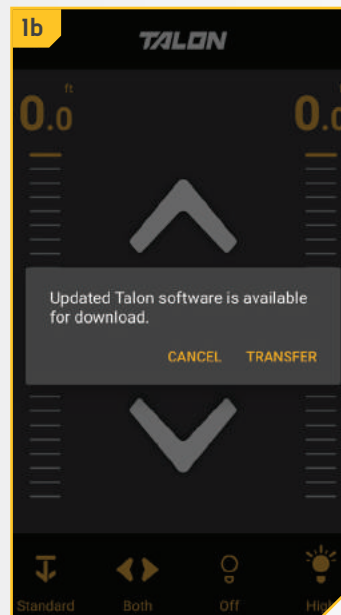
- a. Confirm that both Talons are paired together. Then confirm that the Talon is both paired and communicating with the device. Once confirmed, open the Talon App.

NOTICE: If the App contains a critical Talon software update that is more up-to-date than the Talon it is paired to, the App will force you to update the Talon.

- b. If the App recognizes that it is more up-to-date than the Talon, a message will appear on the screen notifying the user that updated Talon software is available. The app will offer the option to either Cancel or Transfer the update. Select Transfer to continue the update.

NOTICE: If you choose to Cancel the update, you can return to update the Talon by selecting the Menu icon and then choosing the Software Update option from the Menu list.

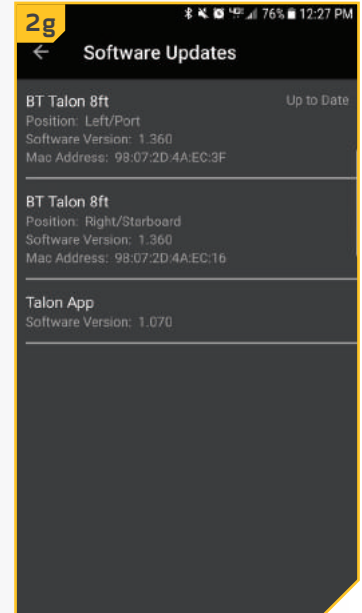
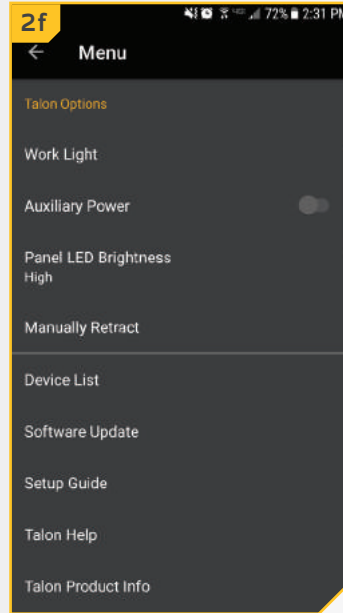
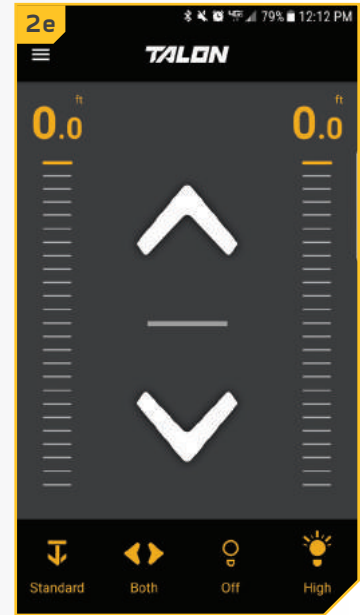
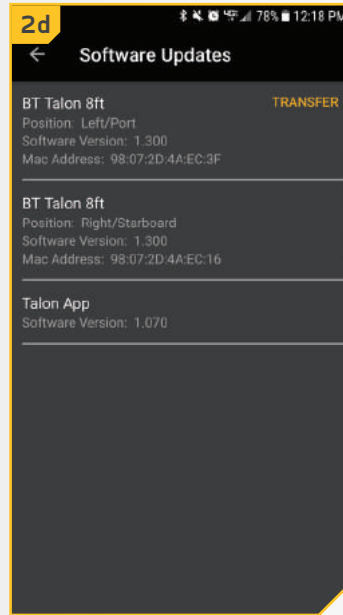
- c. The App will bring up the Software Update screen. On this screen, the Software Version of each Talon in memory will show. If a Talon appears in the list, but the title is in grey, the Talon and the devices are currently not communicating. If Transfer was selected when the Software Update message appeared, the device will begin the update and the Software Update Screen will read Transferring. When the Talons are paired together, the update will be pushed to the other Talon automatically. While the Talon app is transferring a progress bar will appear below one of the Talons listed. While the transfer is taking place, make sure to keep the power of the Talons and device "on" and keep the device in range of the Talons.



NOTICE: If the process was first canceled, and then the user returns to the Software Update Screen, a Transfer button will appear next to one of the Talons in memory that are not up-to-date and are actively communicating with the device. Select the Transfer Button next to the Talon. With the Talons paired together, the update will transfer to both Talons.



- d. Once the update has been completely transferred to both Talon, the Talons will restart. The Software Update Screen will change from Transferring... to Transfer while the Talons are restarting.
- e. The Indicator Lights on both Talons will flash and the Talon will beep. Once the Talons restarts, the app will return to the Talon Control Screen.
- f. To confirm that the Talons are updated, open the Menu and select the Update Software option and verifying that the Software Version listed for the Talons has increased.
- g. The Software Update Screen shows an Up to Date message next to the main Talon.
- h. Once the Talon software update is complete, the Talons will automatically push the update to any remotes or foot switches that are paired to them once they are in range and as soon as they are actively communicating.



NOTICE: While any Talon Remotes or Foot Switches are being updated, the Indicator lights will scroll. At the end of the updates, all of the lights will flash on and then turn off to signal the update is complete. These devices will then need to be repaired.




NOTICE: If the Talon App returns to the Home Screen where the main Talon control is located and the device is not actively communicating with the Talon, a Talon Not Found message will appear over the controls. If this message appears, go to the Bluetooth Settings menu on the device to connect the Talon.

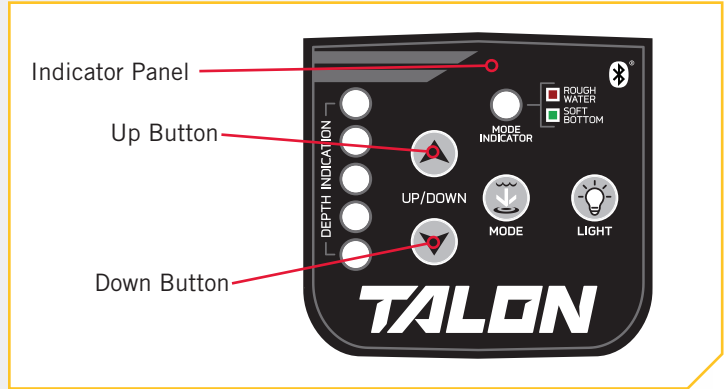


› Pairing a Device with a Single Talon

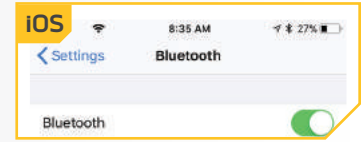
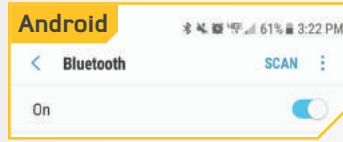
The Talon app can be used to control the Talon using a device that is paired to the Talon with a Bluetooth connection. Before pairing the device with the Talon, the Talon app should first be successfully downloaded. You can confirm that the app was successfully downloaded by opening it on your device. Once confirmed, close the app to begin the pairing process.

NOTICE: Your device will only be able to connect to a Talon and be paired if the device Bluetooth is enabled. Your device will only be able to pair with a Bluetooth enabled Talon.

- 1
 - a. On the device you intend to pair with the Talon, turn Bluetooth “on”, and keep your device on that screen.
 - b. Retract the anchor on the Talon by pressing the Up  button on the Indicator Panel.
 - c. Once the Talon is fully retracted, press and hold the Up  button and the Down  button simultaneously on the Indicator Panel. The Depth Indication LEDs will begin to flash blue. Once the LEDs are flashing, release the buttons on the Indicator Panel. The Talon will go into Pairing Mode for 30 seconds.



- 2
 - d. If on an Android device select the Scan button to begin the process on your device. On an iOS device, as soon as the Bluetooth menu is opened, the scan starts automatically. The Talon will appear on the list of available devices once it is recognized by the device.
 - e. Select the Talon from the list of available devices. This will pair the Talon to the device. Once you hear the beeps, the Talon is successfully paired.



NOTICE: When the device Bluetooth is scanning for the Talon, the Talon must be in Pairing Mode. If the Talon or the device time out, the process on both will need to be re-initiated.

- 3
 - f. In order for the device and your Talon to stay connected, Bluetooth needs to remain "on". Once the device is paired with the Talon, the device will connect and begin communicating with each other. When the Talon is paired to the device and communicating with it, the Talon app will automatically recognize that the Talon is paired.
 - g. If the pair is unsuccessful, repeat the process.

NOTICE: When a device is paired with the Talon, the paired device and Talon know each other. When a paired device and a Talon are connected they can actively communicate with each other. In order for the Talon App to detect the Talon, it needs to be paired and communicating with the Talon.



› Pairing a Device with Two Talons

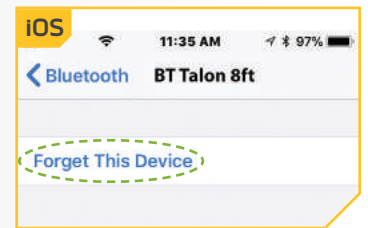
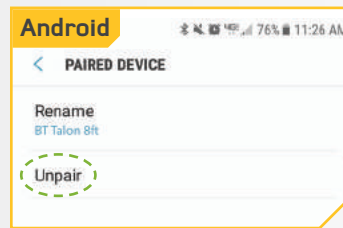
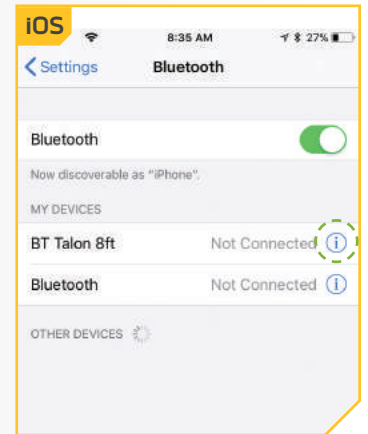
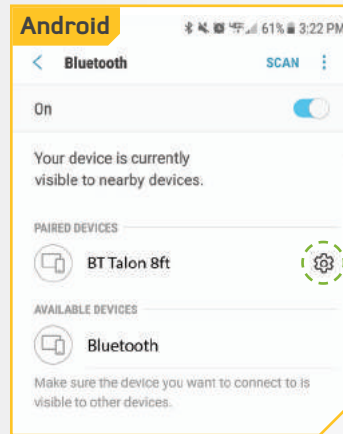
In order for the Talon App to pair two Talon's to the device, the Talons first need to be paired together. To learn how to pair two Talons together, read the "Pairing Two Talons and Programming the Mounting Location" section of the Talon Manual. Once the Talons are paired together, follow the directions for "Pairing a Device with a Single Talon". Only one Talon needs to be paired with the device where the Talon app is installed.

› Forgetting a Talon on a Device

Once a device is paired to a Talon, it will remember the device, even if the device and the Talon are not actively communicating. In some cases, it may be necessary to clear the memory on the device and forget any paired Talons. To do this, use the Bluetooth settings on the device.

1


- Open the Bluetooth settings on the device.
- A list of paired devices will appear. The appearance of the list from an Android to an iOS device will look different.
- On an Android device, select the Settings  icon next to the device in the list of Paired Devices. When the next screen appears, find the option to Unpair the device and select it.
- On an iOS device, select the “i”  icon next to the device in the list of My Devices. When the next screen appears, find the option to Forget this Device and select it.
- Once the device is unpaired or forgotten, the device is no longer paired or communicating with the device and will not be visible to the Talon App or device.

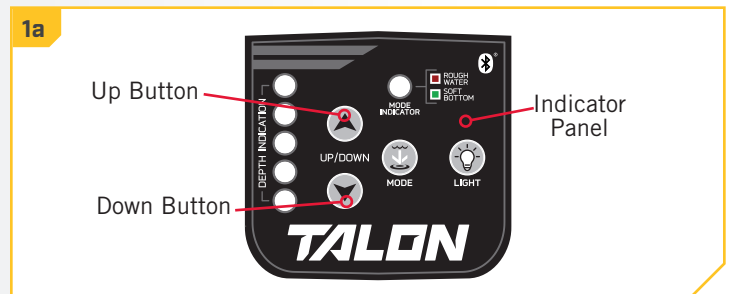


› Clearing Paired Remotes or Devices from the Talon

The Talon was designed so that all paired devices can be cleared from memory.



1

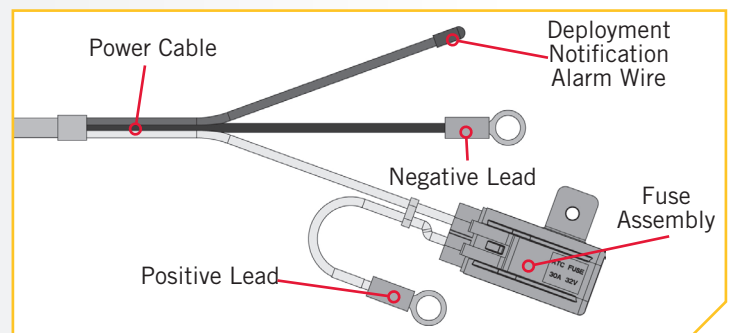
- Retract the anchor on the Talon by pressing the Up  button.
- Turn the power to the Talon "off".



2

NOTICE: This may require assistance from another person.



- While holding in the Up  button on the Indicator Panel, restore power to the Talon. You will hear a long steady tone.
- After the steady tone stops, release the Up  button. A series of fast beeps will be heard.
- The Talon memory is now clear of all previously paired devices.



› Clearing Paired Talons from the Remote

The Remote was designed so that all paired Talons can be cleared from memory.

1

- a. Press and hold the Up  button and the Down  button on the Remote at the same time until the Talon Selection LEDs on the Remote begin to scroll, release the buttons. The Remote will go into Pairing Mode for 30 seconds. Once Pairing times out all Talons will be cleared.

NOTICE: Putting the Remote into Pairing Mode, even if it is accidental, without Pairing the Remote to a Talon will clear all paired Talons.

