

TALON FOR SOLIX AND HELIX

Accessory Manual





HUMMINBIRD®


SIMPLY. CLEARLY. BETTER.


THANK YOU!


Thank you for choosing Humminbird®, the #1 name in marine electronics. Humminbird has built its reputation by designing and manufacturing top quality, thoroughly reliable marine equipment. Your Humminbird is designed for trouble-free use in even the harshest marine environment. We encourage you to read this operations manual carefully in order to get the full benefit from all the features and applications of your Humminbird product.


 **WARNING!** Your device should not be used as a navigational aid to prevent collision, grounding, boat damage, or personal injury. When the boat is moving, water depth may change too quickly to allow time for you to react. Always operate the boat at very slow speeds if you suspect shallow water or submerged objects.


 **WARNING!** The electronic chart in your Humminbird unit is an aid to navigation designed to facilitate the use of authorized government charts, not to replace them. Only official government charts and notices to mariners contain all of the current information needed for the safety of navigation, and the captain is responsible for their prudent use.


 **WARNING!** Humminbird is not responsible for the loss of data files [waypoints, routes, tracks, groups, recordings, etc.] that may occur due to direct or indirect damage to the unit's hardware or software. It is important to back up your control head's data files periodically. Data files should also be saved to your PC before restoring the unit's defaults or updating the software.


 **WARNING!** Take care that neither you nor other persons approach the Talon during operation, neither with body parts nor with objects. The Talon is powerful and may endanger or injure you or others. While the Talon is operating, watch out for persons swimming and for floating objects.


 **WARNING!** The Talon is equipped with a Deployment Notification Alarm. The alarm is needed to comply with Minn Kota warranty requirements. Take note of the alarm, and always watch to make sure that the Talon is fully retracted while the boat is operating.


 **WARNING!** The Work Light on the Talon is not intended for navigational purposes. The Work Light does not replace or act as a substitute for proper navigation lighting of your vessel. Failure to properly light your boat may cause harm or serious injury.


 **CAUTION!** It is not recommended to leave the boat while operating the Talon with the remote. This includes operating the remote at a safe distance. Doing so is at the owner's risk. This product does not relieve you from the responsibility of safe operation of your boat.

 **CAUTION!** Never leave the boat unattended with the Talon as your only vessel anchor. Talon is not intended to provide primary anchorage.

 **NOTE:** Some features discussed in this manual require a separate purchase, and some features are only available on international models. Every effort has been made to clearly identify those features. Please read the manual carefully in order to understand the full capabilities of your model.

 **NOTE:** The illustrations in this manual may not look the same as your product, but your unit will function in the same way.

 **NOTE:** The procedures and features described in this manual are subject to change without notice. This manual was written in English and may have been translated to another language. Humminbird is not responsible for incorrect translations or discrepancies between documents.

 **NOTE:** Product specifications and features are subject to change without notice.

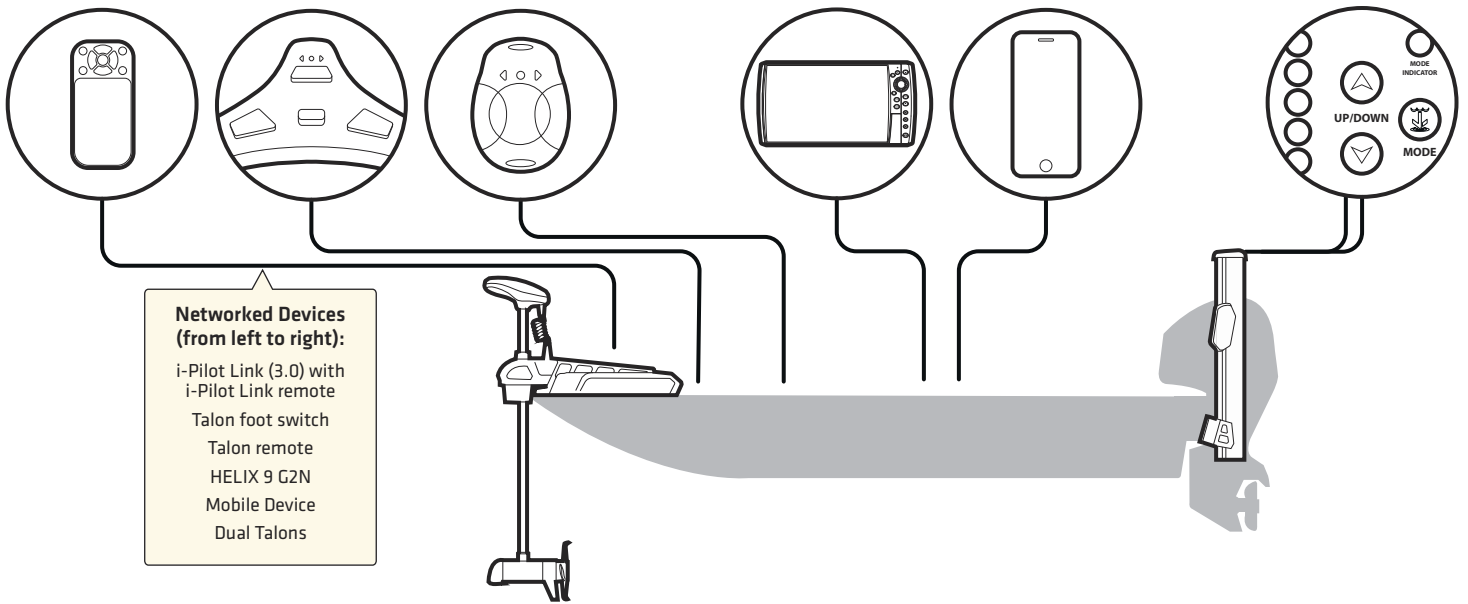
ROHS STATEMENT: Product designed and intended as a fixed installation or part of a system in a vessel may be considered beyond the scope of Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

ATTENTION INTERNATIONAL CUSTOMERS: Products sold in the U.S. are not intended for use in the international market. Humminbird international units provide international features and are designed to meet country and regional regulations. Languages, maps, time zones, units of measurement, and warranty are examples of features that are customized for Humminbird international units purchased through our authorized international distributors.

INTRODUCTION

The Minn Kota Talon's revolutionary shallow water anchor system communicates with your Humminbird control head using **Bluetooth®** technology, delivering multiple wireless control options for your anchor. Connect an i-Pilot Link and/or a mobile device for additional wireless control.


Bluetooth Network Example




OVERVIEW

This operations manual will guide you through the following setup and operations for the Talon shallow water anchor system when it is paired to a compatible Humminbird control head:

- **Pairing the Talon to the Humminbird Control Head**
- **Setting Up Talon Using the Talon Options Menu**
- **Operating the Talon from the Humminbird Control Head**

 **NOTE:** For complete details about the installation and operation of your Humminbird control head, refer to the installation guide included with your control head and your control head operations manual.

 **NOTE:** For complete details about the installation and setup of the Talon shallow water anchor, refer to the owner's manual included with the Talon.

Accessories

Additionally, this manual will guide you through the basic setup and operations for using the Talon with the following accessories:

- i-Pilot Link (3.0)
- Talon Mobile App

Safety and Cautions

In addition to this manual, it is important to thoroughly read the *Talon Owner's Manual*. Follow all instructions regarding installation and operations, and heed all safety and cautionary notices.

How TALON WORKS

The Talon deploys into the water in sequences based on the deployment mode you select [see [Set Up Talon on the Humminbird Control Head: Set the Anchor Mode](#)].

By pairing compatible Bluetooth devices to the Talon, you can wirelessly control the Talon from anywhere on your boat. Any action or setting that is changed on one paired device will be applied to all paired devices.

Humminbird Control Head

When connected via Bluetooth, you can deploy and retract the Talon using the following methods on the Humminbird control head:

- Quick Deployment Key
- Talon Options Menu
- Power X-Press Menu
- Talon Sidebar Widget

i-Pilot Link

With i-Pilot Link [separate purchase required], you can deploy and retract the Talon using the following methods:

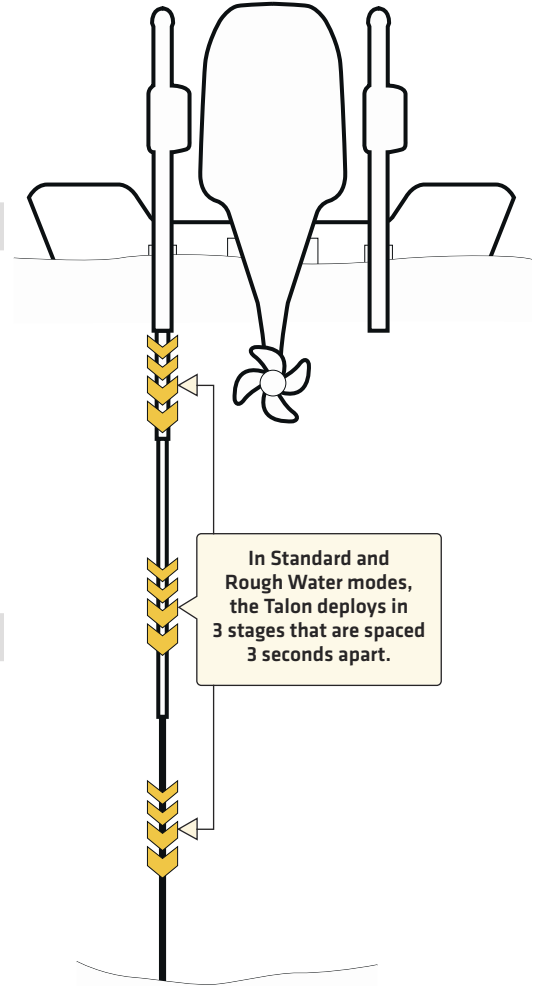
- i-Pilot Link Remote
- i-Pilot X-Press Remote [on the Humminbird control head]

Additionally, you can set the i-Pilot Arrival Mode to auto-deploy the Talon[s]. See [Operating Talon with i-Pilot Link](#). For connection information, see [Getting Started: Pair the Talon to the i-Pilot Link](#).

Talon Mobile App

You can also control the Talon from the Talon mobile app. See [Operating Talon with the Talon Mobile App](#).

Talon Deployment Sequence



PREPARATION

Perform the procedures in the following section to prepare your fishing system to use the Talon.

1 | Update Your Control Head Software

It is important to install the latest software update on your control head to enable the Talon features. Please find the required software version for your control head model below:

- **SOLIX Series:** 3.110 or higher
- **HELIX G2N/G3N Series:** 1.10 or higher

Update Your Control Head Software

You will need an SD or microSD card (depending on your control head model).



WARNING! Humminbird is not responsible for the loss of data files (waypoints, routes, tracks, groups, snapshots, recordings, etc.) that may occur due to direct or indirect damage to the unit's hardware or software. It is important to back up your control head data files periodically. See your control head operations manual for more information.

1. Before the control head software is updated or restored to system defaults, export your navigation data and copy your screen snapshots to an SD or microSD card. See your control head operations manual for instructions.
2. Install a blank SD or microSD card into the computer card slot.
3. Go to humminbird.com, and click Support > Software Updates.
4. Click on your control head model. The available software updates are listed as downloads under each product. Confirm the file name is for your control head model.
 - Read the notices and instructions, and select Download.
 - Follow the on-screen prompts to save the software file to the SD or microSD card.
5. Repeat step 4 to download the software updates posted to each product.
6. Power on your Humminbird control head. Start **Normal** mode.
7. Insert the SD or microSD card (with the software file) into the control head card slot.
8. Follow the on-screen prompts to update the control head software.
9. When the software update is complete, remove the SD or microSD card from the control head card slot.
10. **Restart:** If you don't have any other software updates to install, power off the control head, and restart it.

2 | Update Your Accessory Software

If you have additional equipment connected to the network, update each product's software individually. Refer to the accessory operations manual for instructions.



NOTE: For instructions to update your Talon software, see **Maintenance**.

Update Your i-Pilot or i-Pilot Link Software

The i-Pilot and i-Pilot Link have separate software updates for the controller and remote. After the software is updated on the control head, you must go to the remote and initiate the download of the remote software to the remote itself. See your *i-Pilot/i-Pilot Link Operations Manual* for additional information and instructions.

To use i-Pilot or i-Pilot Link with the Talon, the following software versions are required:

- **i-Pilot Link (3.0):**
 - Controller:** 1.240 or higher
 - Remote:** 1.140 or higher [included in 1.240 Controller software]
- **i-Pilot (1.6):**
 - Controller:** 1.170 or higher
 - Remote:** 1.190 or later [included in 1.170 Controller software]

3 | Pair the Talons and Accessories

Pair the Talons

If you have two Talons installed on your boat, confirm that they are paired to each other. They must be successfully paired to each other before you can pair them to the Humminbird control head. See your *Talon Owner's Manual* for instructions.

Pair the Talon Accessories

If you have additional accessories for the Talon, confirm they are paired to the Talon[s]. For example, if you have the Talon remotes and/or the Talon foot switch, confirm they are paired to the Talon[s] before proceeding.

4 | Download the Talon Mobile App (optional)

To control the Talon and update software from your mobile device, download the Minn Kota Talon mobile app.

Supplies: Mobile device with Bluetooth capability and a Wi-Fi or cellular data connection.



NOTE: Some of the information and instructions may not apply to all mobile devices. Refer to the instructions included with your mobile device.

1. Confirm Compatibility

1. Visit minnkotamotors.com to confirm the latest mobile device compatibility and required software version.

	Apple iOS	Google Android
Required Software Version	8.0 or higher	4.0.3 or higher (API level 15)

2. Download the Talon Mobile App

1. **Apple iOS:** Open the App Store.
Google Android: Open the Play Store.
2. Log in to your app store account.
3. Search the app store for Minn Kota Talon.
4. Download the app to your device.
5. Follow the on-screen instructions to complete the app download.

GETTING STARTED

The procedures in this section describe how to get started using the Talon with your Humminbird control head.



NOTE: See the *Talon Owner's Manual* for installation and configuration details.

1 | Power On

Confirm power connections for the Talon[s] and the control head. If you have additional equipment connected to the network, power them on individually.

Talon

1. Turn on the main power supply.

Humminbird Control Head

1. Press the POWER key.
2. Select Normal mode.
3. When the first view is displayed on the screen, the control head is ready for operation.

Connected Accessories

If you have additional accessories, power them on individually.

2 | Check Sensor Reception and Connections

If you've connected separate-purchase equipment to the control head network, such as AIS, Compass/Heading Sensor, Radar, i-Pilot Link, 360 Imaging, and more, confirm the equipment is detected and communicating with the control head.

SOLIX Series

1. Press the HOME key.
2. Review the top, right corner of the screen to confirm the sensor status for connected accessories:

Detected and Active: If a sensor is active and transmitting/receiving, it will be white.

Connected but not Detected or Active: If a sensor is not detected on the network, or not transmitting/receiving, it will be completely gray.

Connected but not Transmitting/Receiving: If a sensor is detected, but is not transmitting/receiving, the icon will be partially gray. This feature will vary with the type of icon represented.

See your control head operations manual for additional information.

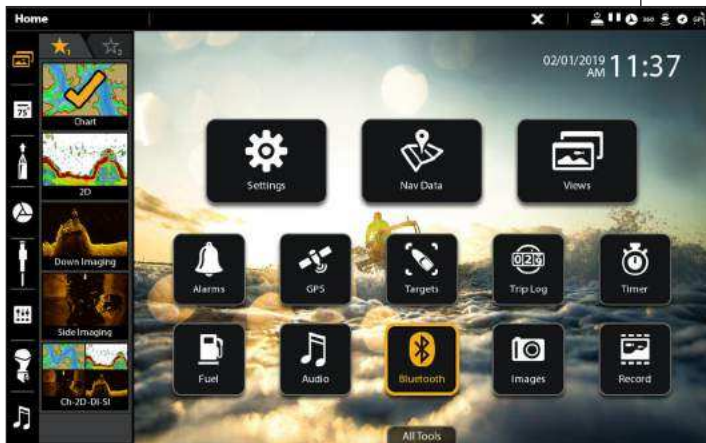
HELIX Series

1. Press and hold the VIEW key.
2. Select System > Accessory Test.
3. Confirm all accessories are listed as Connected.

Unconnected: If an accessory is listed as Unconnected, check the cable and power connections to confirm they are secure and powered on. Review the installation guide that was included with your accessory to confirm it is installed correctly.

Confirming Accessory Connections (SOLIX)

sensor status



Confirming Accessory Connections (HELIX)

Accessory Test	
Depth	ft
40.6	
Temp	°F
69.4	
N 50°40.952'	
W 001°03.177'	
Time	
1:00	
Speed	mph
5.6	
360 Imaging	UNCONNECTED
GPS	CONNECTED
i-Pilot	UNCONNECTED
NMEA2K Gateway	CONNECTED
CHIRP-Radar	CONNECTED
Remote	UNCONNECTED
Speed	UNCONNECTED
Temperature	CONNECTED

3 | Pair the Talon to the Humminbird Control Head

Use the following instructions to pair the Talon to the Humminbird control head.

Dual Talon Installations: If you have more than one Talon installed, you only have to perform the pairing process for the control head (and other accessories) once [i.e. you do not have to pair every device to both Talons]. However, the Talons must be paired to each other before they can be paired to the control head (and other accessories). When the Talons are paired together, all paired devices will operate both Talons. See **Preparation** for more information.

Networked Control Heads: It is important to note that multiple control heads cannot be connected to the Talon(s) at the same time. You can pair multiple control heads, but only one HELIX control head and one SOLIX control head can be connected to the Talon(s) at the same time. Control heads that are networked together over Ethernet will share Talon activity and menu settings over the Ethernet network.

Pair the Talon to the Control Head

The Talon(s) must be fully retracted (stowed position) before proceeding with the following procedure.

SOLIX Series

1. Press the HOME key.
2. Select the **Bluetooth** tool.
3. Under Bluetooth Talon, select Talon Options.
4. Select Pair Device.
5. **Enable Pairing Mode on Talon:** Simultaneously press and hold the UP/DOWN (PAIRING) buttons on the Talon for **2 seconds**.
6. Follow the on-screen prompts on the control head to complete the pairing process.
7. The Talon will beep three times when the pairing is successfully completed.

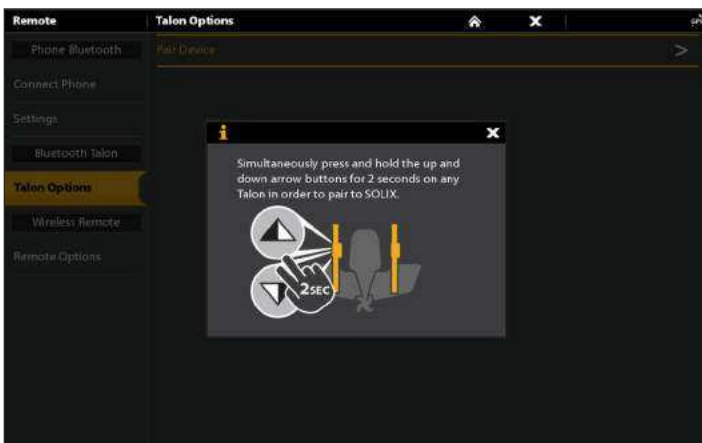
If 20 seconds pass while in Pairing Mode and they do not successfully pair, an error tone will sound signaling that the pairing has timed out. Repeat the procedure.

HELIX Series

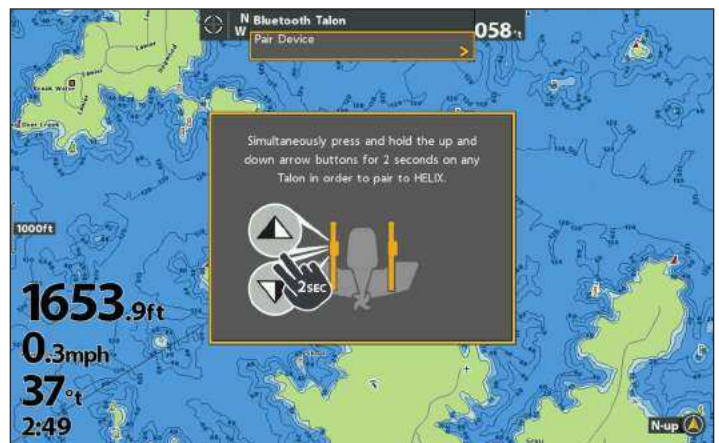
1. **Main Menu:** Press the MENU key twice.
2. Select the **Accessories** tab.
3. Select Bluetooth Talon. Press the RIGHT Cursor key.
4. Select Pair Device. Press the RIGHT Cursor key.
5. **Enable Pairing Mode on Talon:** Simultaneously press and hold the UP/DOWN (PAIRING) buttons on the Talon for **2 seconds**.
6. Follow the on-screen prompts on the control head to complete the pairing process.
7. The Talon will beep three times when the pairing is successfully completed.

If 20 seconds pass while in Pairing Mode and they do not successfully pair, an error tone will sound signaling that the pairing has timed out. Repeat the procedure.

Pairing the Talon (SOLIX)



Pairing the Talon (HELIX)



NOTE: For support, see **Troubleshooting**.

4 | Pair the Talon to the i-Pilot Link (optional, i-Pilot Link required)

With a paired i-Pilot Link, you can control the Talon from the i-Pilot Link remote, as well as set the Arrival Mode menu to auto-deploy the Talon[s].

For operations information, see *Operating Talon with i-Pilot Link*.

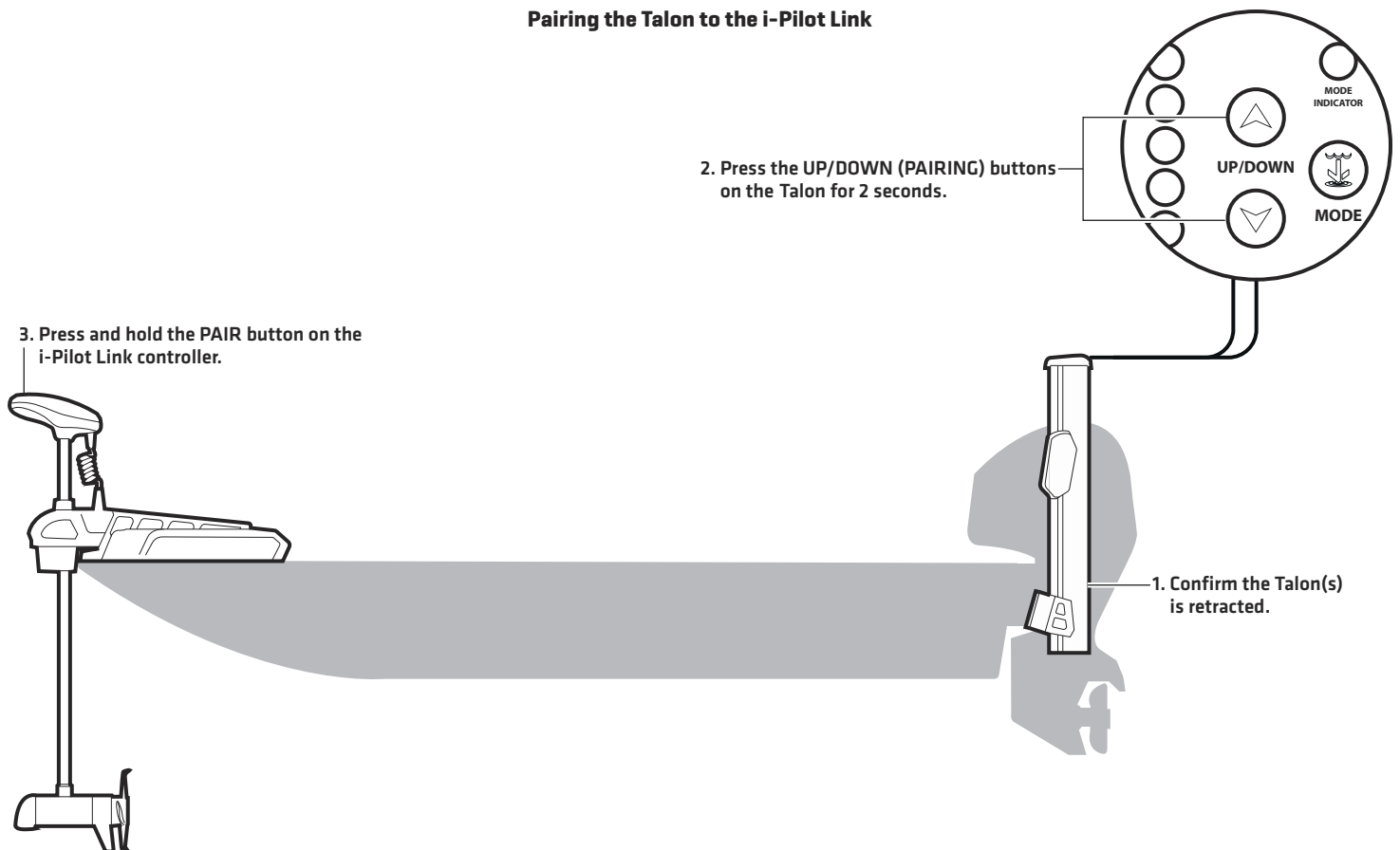
Dual Talon Installations: If you have more than one Talon installed, you only have to perform the pairing process once [i.e. you do not have to pair every device to both Talons]. However, the Talons must be paired to each other before they can be paired to accessories. When the Talons are paired together, all paired devices will operate both Talons. See *Preparation* for more information.

Pair the Talon to the i-Pilot Link

1. Confirm the Talon[s] is fully retracted.
2. **Enable Pairing Mode on the Talon[s]:** Simultaneously press and hold the UP/DOWN (PAIRING) buttons on any connected Talon for **2 seconds**.
3. Press and hold the PAIR button (located on the i-Pilot Link controller) **until the pairing is complete**.
4. Both the Talon and the i-Pilot Link will beep when the pairing is successfully completed.

If 20 seconds pass while in Pairing Mode and they do not successfully pair, an error tone will sound signaling that the pairing has timed out. Repeat steps 1 through 3.

Pairing the Talon to the i-Pilot Link



NOTE: For support, see *Troubleshooting*.

5 | Pair the Talon to Your Mobile Device (optional)

To use the Minn Kota Talon mobile app, you will need to pair your mobile device to the Talon.

Dual Talon Installations: If you have more than one Talon installed, you only have to perform the pairing process once (i.e. you do not have to pair every device to both Talons). However, the Talons must be paired to each other before they can be paired to accessories. When the Talons are paired together, all paired devices will operate both Talons. See *Preparation* for more information.

1. Enable Bluetooth on the Mobile Device

1. Open the Settings menu.
2. Select **Bluetooth**.
3. Select **On**.
4. Keep the Bluetooth menu open and proceed to the next procedure.


2. Pair the Mobile Device to the Talon

1. Confirm the Talon(s) is fully retracted.
2. **Enable Pairing Mode on the Talon(s):** Simultaneously press and hold the UP/DOWN (PAIRING) buttons on any connected Talon for **2 seconds**.
3. On your mobile device, locate the Talon under the Bluetooth Device List.

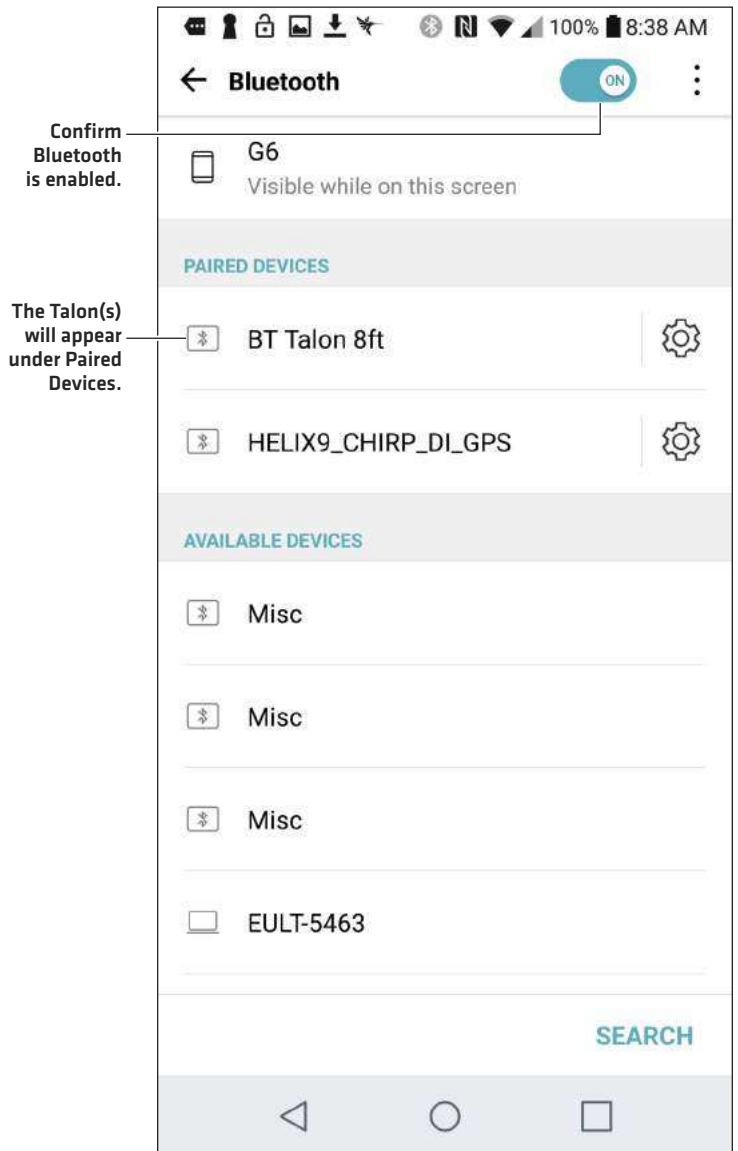
It may take a moment for the Talon to appear in the menu.

4. Once the Talon is listed, select the Talon.

If 20 seconds pass while in Pairing Mode and they do not successfully pair, an error tone will sound from the Talon signaling that the pairing has timed out. Repeat procedures 1 and 2.

 **NOTE:** If the Talon operations screen doesn't display after the devices have been successfully paired, you may have to close the app and restart it.


Pairing a Phone to the Bluetooth Talon (Android)



5 | Confirm Bluetooth Connections

You can confirm the Bluetooth paired connections using the following methods:

- **Device List:** See the instructions in the next section.
- **Status Bar (SOLIX models only):** See the instructions in the next section.
- **Accessory Test View (HELIX models only):** Use the instructions in the previous section, *Getting Started: Check Sensor Reception and Connections*, to confirm connections after initial setup.

 **NOTE:** To remove a Bluetooth device, see *Troubleshooting*.

1. Confirm the Talon and Control Head Connection Using the Device List

From the Device List, you can confirm which devices are connected to the Talon and review the software version and serial number for each connected device.

Use the following instructions to open the Classic Bluetooth Device List to confirm the Talon, Humminbird control head, and i-Pilot Link (if applicable) connections. To confirm other accessory connections, proceed to the next section.

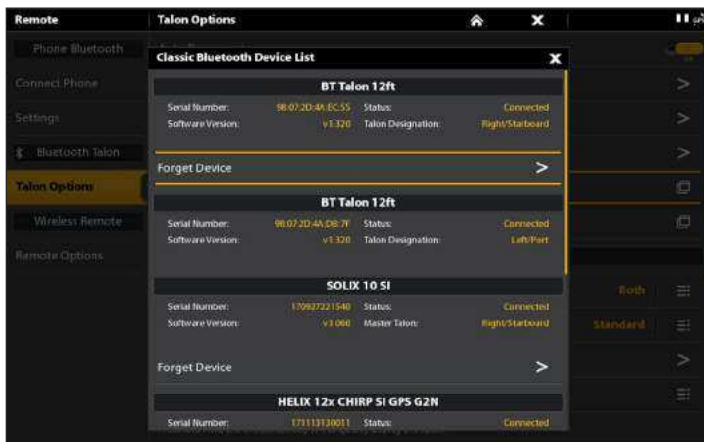
SOLIX Series

1. Press the HOME key.
2. Select the **Bluetooth** tool.
3. Under Bluetooth Talon, select **Talon Options**.
4. Select **Classic Bluetooth Device List**.
5. Confirm both the Talon[s] and control head are listed.
If the Talon[s] is not listed or if it is shown in grey, check the power connections and repeat the pairing process.

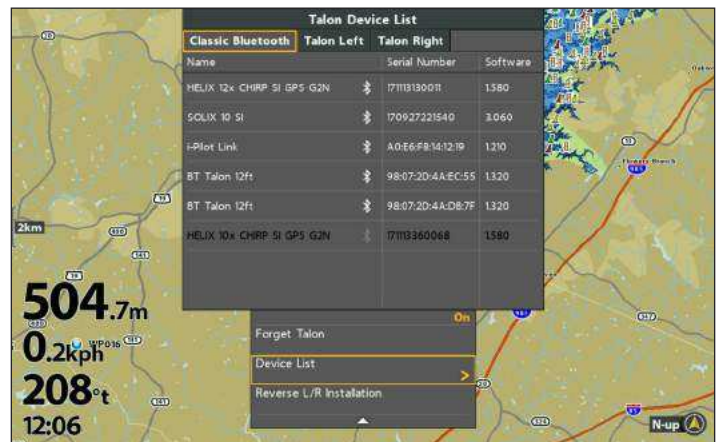
HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the **Accessories** tab.
3. Select Bluetooth Talon. Press the RIGHT Cursor key.
4. Select Device List. Press the RIGHT Cursor key.
5. Under **Classic Bluetooth**, confirm both the Talon[s] and control head are listed, and that the Bluetooth status icon is white.
If the Talon[s] is not listed or if it is shown in grey, check the power connections and repeat the pairing process.

Classic Bluetooth Device List (SOLIX)



Classic Bluetooth Device List (HELIX)



2. Confirm Talon Accessory Connections Using the Device List

Use the following instructions to open the Smart Bluetooth Device List to check the status of paired Talon accessories (remote, foot switch, etc.).

SOLIX Series

1. Press the HOME key.
2. Select the **Bluetooth** tool.
3. Under Bluetooth Talon, select **Talon Options**.
4. Select **Smart Bluetooth Device List**.
5. Confirm the paired accessories.

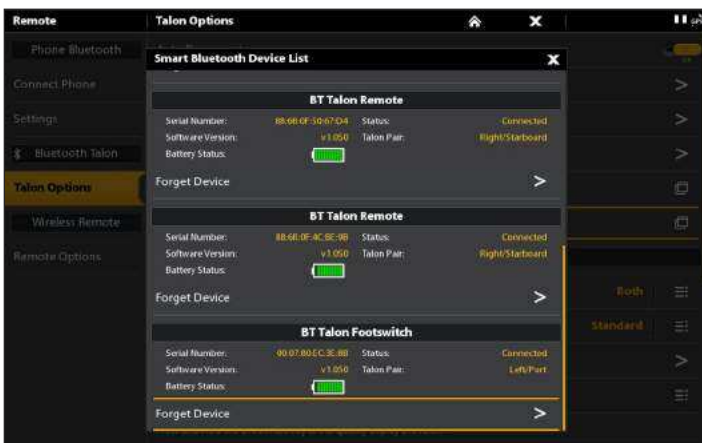
If an accessory is not listed or if it is shown in grey, check the power connections and repeat the pairing process.

HELIX Series

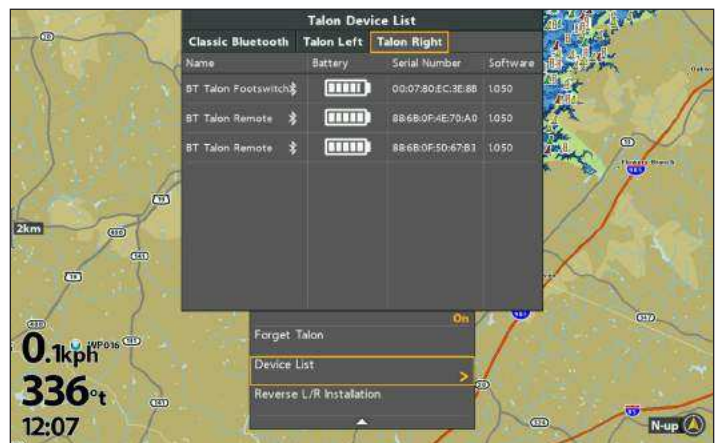
1. **Main Menu:** Press the MENU key twice.
2. Select the **Accessories** tab.
3. Select Bluetooth Talon. Press the RIGHT Cursor key.
4. Select Device List. Press the RIGHT Cursor key.
5. **Single Talon Installation:** Select Smart Bluetooth.
Dual Talon Installation: Select Talon Left or Talon Right.
6. Confirm the paired accessories.

If an accessory is not listed or if it is shown in grey, check the power connections and repeat the pairing process.

Smart Bluetooth Device List (SOLIX)



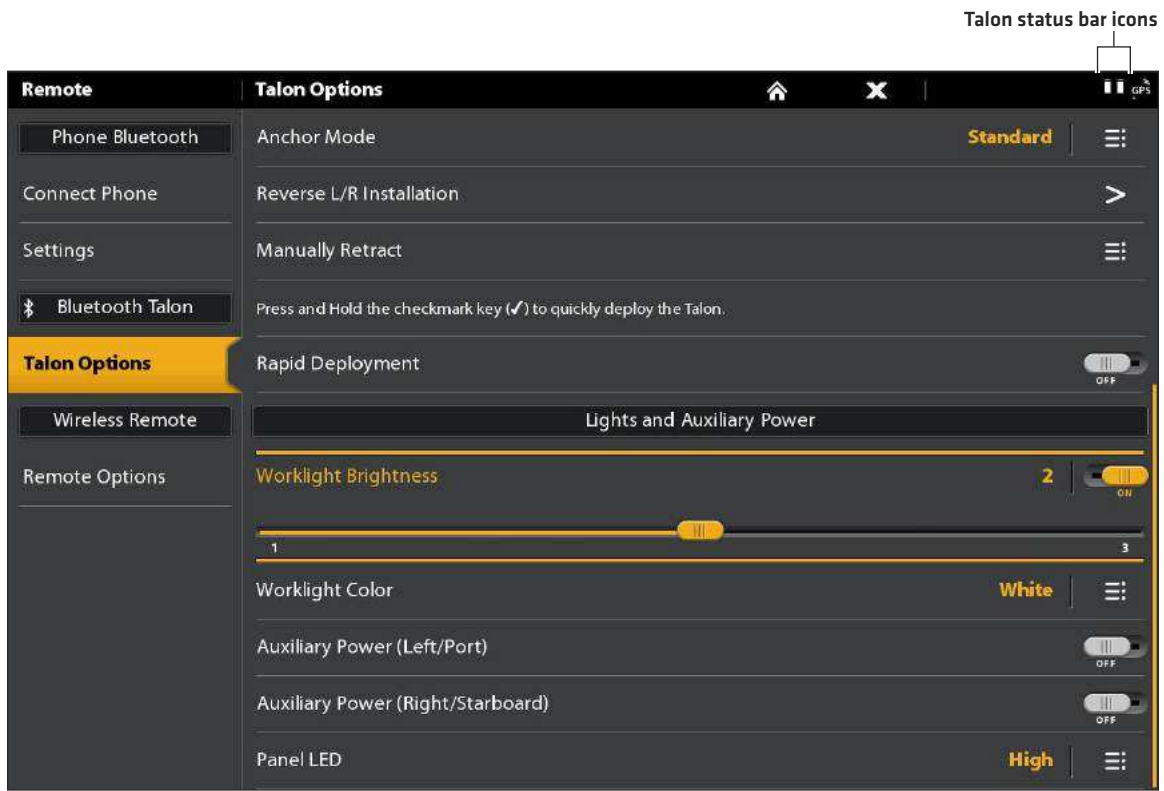
Talon Right Device List (HELIX)















Confirm Talon Connections from the Status Bar (SOLIX models only)

You can confirm the status of the connected Talon[s] at any time on SOLIX by checking the status bar icons. Please find the status icons and descriptions on the following page.

Using the Status Bar (SOLIX)



Status Icon	Icon Description
	Talon is stowed.
	Talon is being deployed, being retracted, or has been paused.
	Talon is deployed and anchored.
	Talon is disconnected.
	Talon is being manually retracted. See <i>Troubleshooting</i> .
<p>The following icons apply to dual Talon installations only.</p> <p>Please note that this is not a complete list of possible icon combinations; however, every icon status is explained in this table.</p>	
	Both Talons are stowed.
	One Talon is stowed and one Talon is being deployed, being retracted, or has been paused. In this example, the left [port] Talon is stowed and the right [starboard] Talon is in motion or paused.
	One Talon is deployed and anchored, and one Talon is being deployed, being retracted, or has been paused. In this example, the left [port] Talon is deployed and anchored, while the right [starboard] Talon is in motion or has been paused.
	Both Talons are deployed and anchored.
	One Talon is deployed and anchored, and one Talon is disconnected.
	One Talon is deployed and anchored, and one Talon is being manually retracted. See <i>Troubleshooting</i> .
	Both Talons are being manually retracted. See <i>Troubleshooting</i> .

SET UP TALON ON THE HUMMINBIRD CONTROL HEAD

Use the following section to review the menu options for Talon and select settings.



NOTE: Talon menu options are included on the i-Pilot Link remote and the Talon app. See each section in this manual for details.

Talon Menu Options	
The following menu options are included on the Humminbird control head.	
Talon Down/Up/Pause	Deploy, retract, and pause the Talon[s]. See <i>Operating Talon on the Humminbird Control Head</i> .
Active Talon (dual Talons only)	If you have two Talons installed and only want to use one, you can select which Talon to use within the menu system.
Anchor Mode	Set the Anchor Mode based on the current water and lake bed conditions.
Work Light Brightness and Color	Turn the work light [located at the top of the Talon] on or off, and adjust the light color. See <i>Operating Talon on the Humminbird Control Head</i> .
Auxiliary Power	If you connect a compatible accessory to the Talon, you can turn the auxiliary power for the connected accessory on and off from the menu system.
Panel LED	Adjust the brightness for the LEDs on the Indicator Panel.
Manually Retract	In the event the Talon will not retract by command from the control head, from the Talon Indicator Panel, or from any other paired device, use the instructions in <i>Troubleshooting: Manually Retract the Talon[s]</i> to manually retract the Talon[s].
Auto Reconnect	Turn Auto Reconnect on to enable paired control heads to connect to the Talon automatically on startup [after being powered off].
Forget Talon	Disable the connection between the paired Talon and the Humminbird control head. The Talon will be removed from the Device List. See <i>Troubleshooting</i> .
Device List	View the Bluetooth devices paired to the Talon[s]. See <i>Getting Started: Confirm Bluetooth Connections</i> .
Talon Retract Warning	The Talon Retract Warning is triggered when the boat begins navigation above 3 mph [4.8 kph] with the Talon[s] still deployed in the water. This can be turned on/off from the Alarms menu; however, it is recommended to keep the warning turned on.
Auto-Deploy with i-Pilot Link	Set the Arrival Mode to Auto-Deploy the Talon. A connected and paired i-Pilot Link is required. See <i>Set Up Talon on the Humminbird Control Head: Set the Arrival Mode to Talon[s] Down</i> .

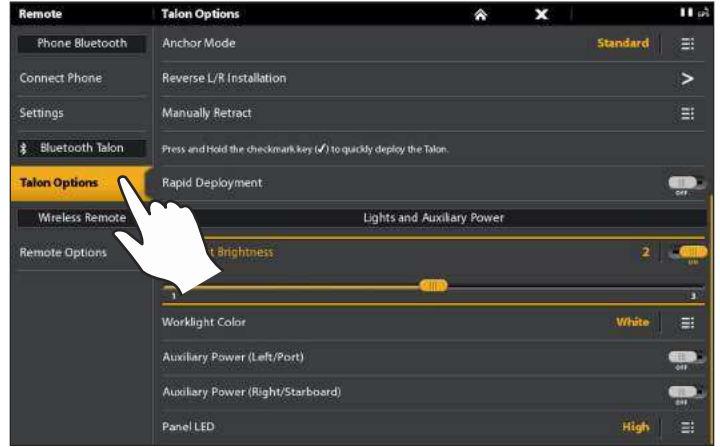
1 | Open the Talon Options Menu

When the Talon is paired to the control head, additional menus are added to the menu system. Use the following instructions to access the Talon menu options on your control head.

SOLIX Series

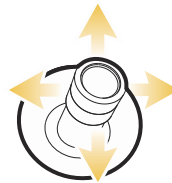
1. Press the HOME key.
2. Select the **Bluetooth** tool.
3. Under Bluetooth Talon, select **Talon Options**.

Opening the Talon Options Menu (SOLIX)



Tap to Open

OR



Select

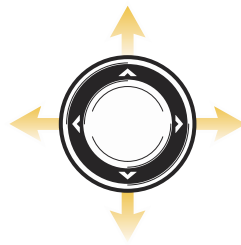
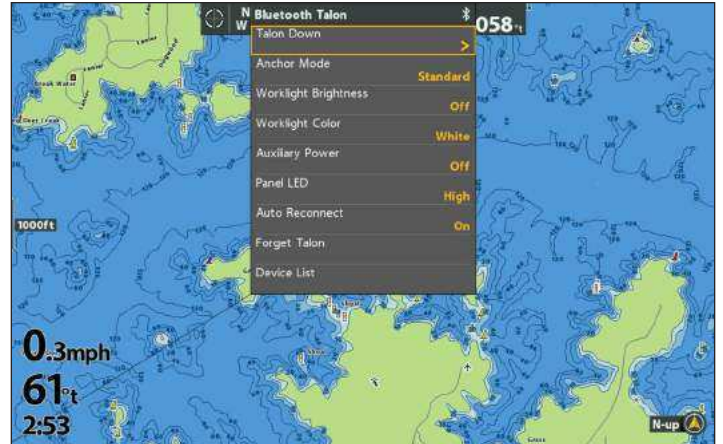
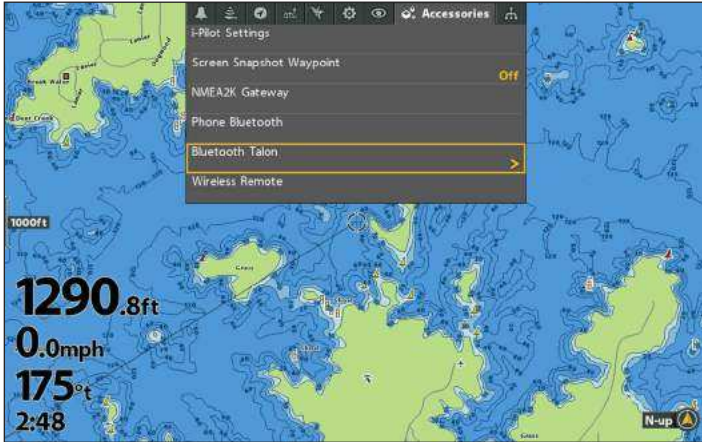


Open

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the **Accessories** tab.
3. Select Bluetooth Talon. Press the RIGHT Cursor key.

Opening the Talon Options Menu (HELIX)



Select



Open

2 | Assign the Active Talon [dual Talon installations only]

If you have two Talons installed and only want to operate one, you can select which Talon to use within the menu system.

SOLIX Series

1. Open the Talon Options Menu.
2. Under General Settings, select **Active Talon**.
3. Tap, or press the ENTER key, to select Left, Right, or Both.

HELIX Series

1. Open the Talon Options Menu.
2. Select **Active Talon**.
3. Press the RIGHT or LEFT Cursor keys to select Left, Right, or Both.

3 | Set the Anchor Mode

When you start your trip for the day, it is important to set the Anchor Mode according to the current water conditions and the lake bed conditions. The Talon operates in the following anchor modes:

Standard Mode [default]	In Standard Mode, the Talon will deploy with maximum down-force with a complete Auto-Drive cycle of three hits spaced at 3 seconds apart.
Soft Bottom Mode	In Soft Bottom Mode, the Talon will deploy at a reduced power with a single hit.
Rough Water Mode	In Rough Water Mode, the Talon will deploy 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.

Set the Anchor Mode

SOLIX Series

1. Open the Talon Options Menu.
2. Under General Settings, select **Anchor Mode**.
3. Tap to adjust the setting.

HELIX Series

1. Open the Talon Options Menu.
2. Select **Anchor Mode**.
3. Press the RIGHT or LEFT Cursor keys to adjust the setting.

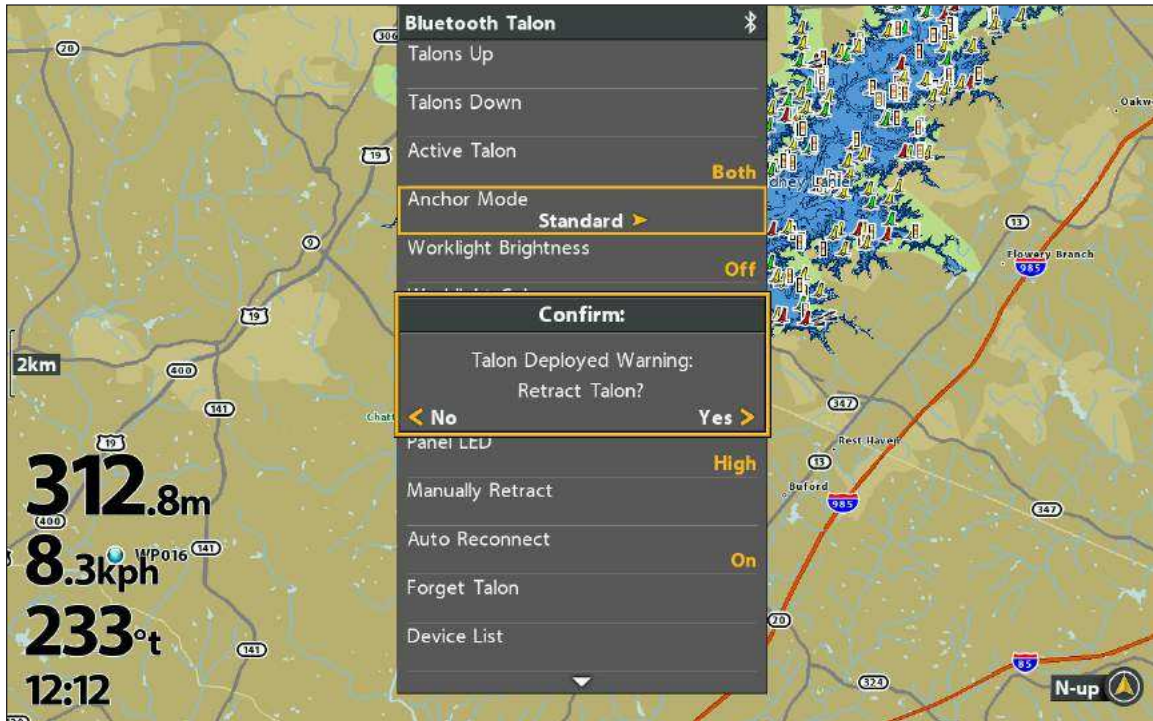
4 | Confirm the Talon Retract Warning

The Talon Retract Warning provides an on-screen alert when the boat starts traveling above 3 mph (4.8 kph) with the Talon still deployed in the water. This feature can be turned off from the Alarms menu, however, it is recommended to keep the alarm on.

WARNING! Do NOT operate the boat above 5 mph (8 kph) with the Talon(s) deployed in water, as damage may occur.

WARNING! The Deployment Notification Alarm is required to comply with Minn Kota warranty requirements.

Talon Retract Warning (HELIX)



Turn the Talon Retract Warning On/Off

SOLIX Series


1. Press the HOME key.
2. Select the **Alarms** tool.
3. Select **Talon**.
4. Select **Talon Retract Warning**.
5. Tap to turn the alarm on or off.

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the **Alarms** tab.
3. Select **Talon Retract Warning**.
4. Press the RIGHT or LEFT Cursor keys to turn the alarm on or off.

5 | Confirm the Rapid Deployment Key (SOLIX models only)

You can deploy and retract the Talon[s] instantly by pressing and holding the CHECK/ENTER key on both HELIX and SOLIX models. This feature can be turned off on SOLIX control heads.

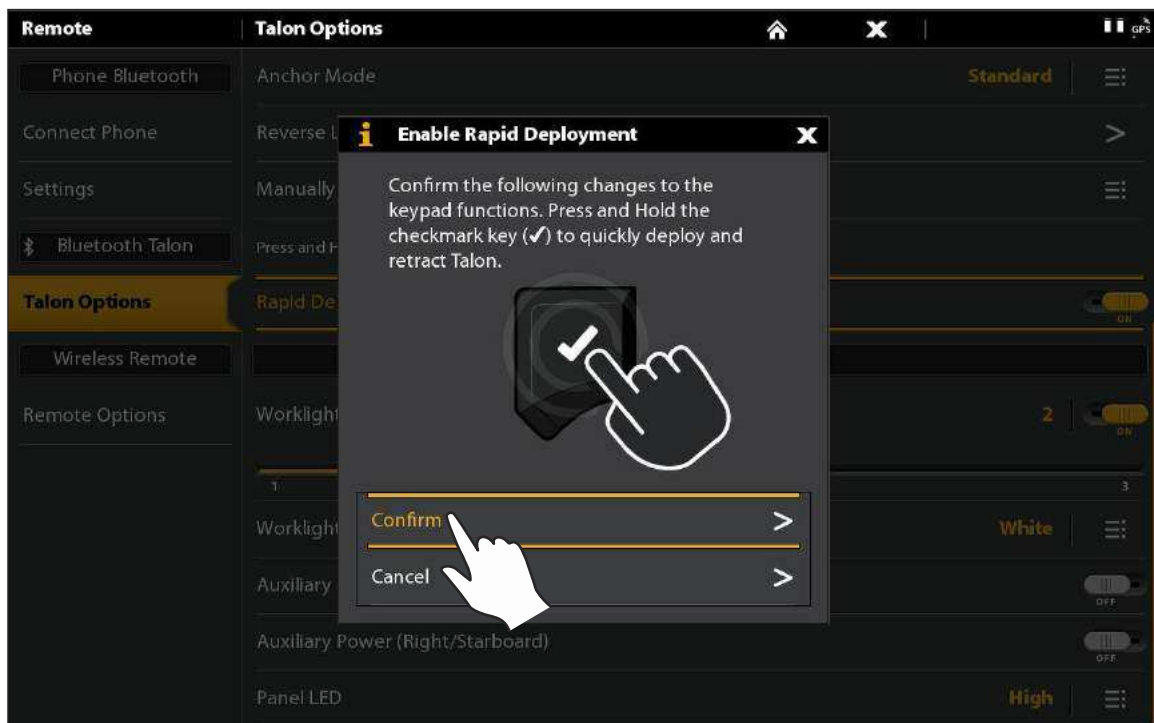
 **NOTE:** For SOLIX users, it is important to note that enabling the Rapid Deployment Key will disable the quick key for changing the sonar frequency with the ENTER key.

Turn the Rapid Deployment Quick Key On or Off

Use the following instructions to turn the quick key for rapid deployment on or off on SOLIX control heads.

1. Press the HOME key.
2. Select the **Bluetooth** tool.
3. Under Bluetooth Talon, select **Talon Options**.
4. Select **Rapid Deployment**.
5. Tap the on/off button, or press the ENTER key, to turn the feature on or off.

Enabling the Rapid Deployment Quick Key [SOLIX]



6 | Turn Auto Reconnect On or Off

If you want your control head to automatically reconnect to the paired Talon after powering on the unit, turn Auto Reconnect on. If you have networked control heads and want to manually control which control head connects to the Talon, turn this menu off.

SOLIX Series

1. Open the Talon Options Menu.
2. Select Auto Reconnect.
3. Tap the on/off button, or press the ENTER key, to adjust the setting.

HELIX Series

1. Open the Talon Options Menu.
2. Select Auto Reconnect.
3. Press the RIGHT or LEFT Cursor keys to adjust the setting.

7 | Adjust the Panel LED Brightness

Use the following instructions to adjust the brightness of the lights on the Talon Indicator Panel.

SOLIX Series

1. Open the Talon Options Menu.
2. Under Lights and Auxiliary Power, select Panel LED.
3. Tap to select a setting, or use the Joystick and press the ENTER key.

HELIX Series

1. Open the Talon Options Menu.
2. Select Panel LED.
3. Press the RIGHT or LEFT Cursor keys to adjust the setting.

8 | Set the Arrival Mode to Talon[s] Down [optional, i-Pilot Link required]

With i-Pilot Link, you can set the Arrival Mode menu to auto-deploy the Talon[s]. For more information about the Arrival Mode feature, see your i-Pilot Link Operations Manual.

Set the Arrival Mode from the Control Head

SOLIX Series

1. Press the HOME key.
2. Select the Settings tool.
3. Select Navigation.
4. Under i-Pilot Options, select i-Pilot Arrival.
5. Select Auto-Deploy Talon.

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the Accessories tab.
3. Select i-Pilot Settings.
4. Select Arrival Mode. Press the RIGHT or LEFT Cursor key to select Auto Deploy Talon.

Set the Arrival Mode from the i-Pilot Link Remote

1. From the Home screen, select Options.
2. Select Arrival Mode.
3. Select Deploy Talon.

OPERATING TALON ON THE HUMMINBIRD CONTROL HEAD

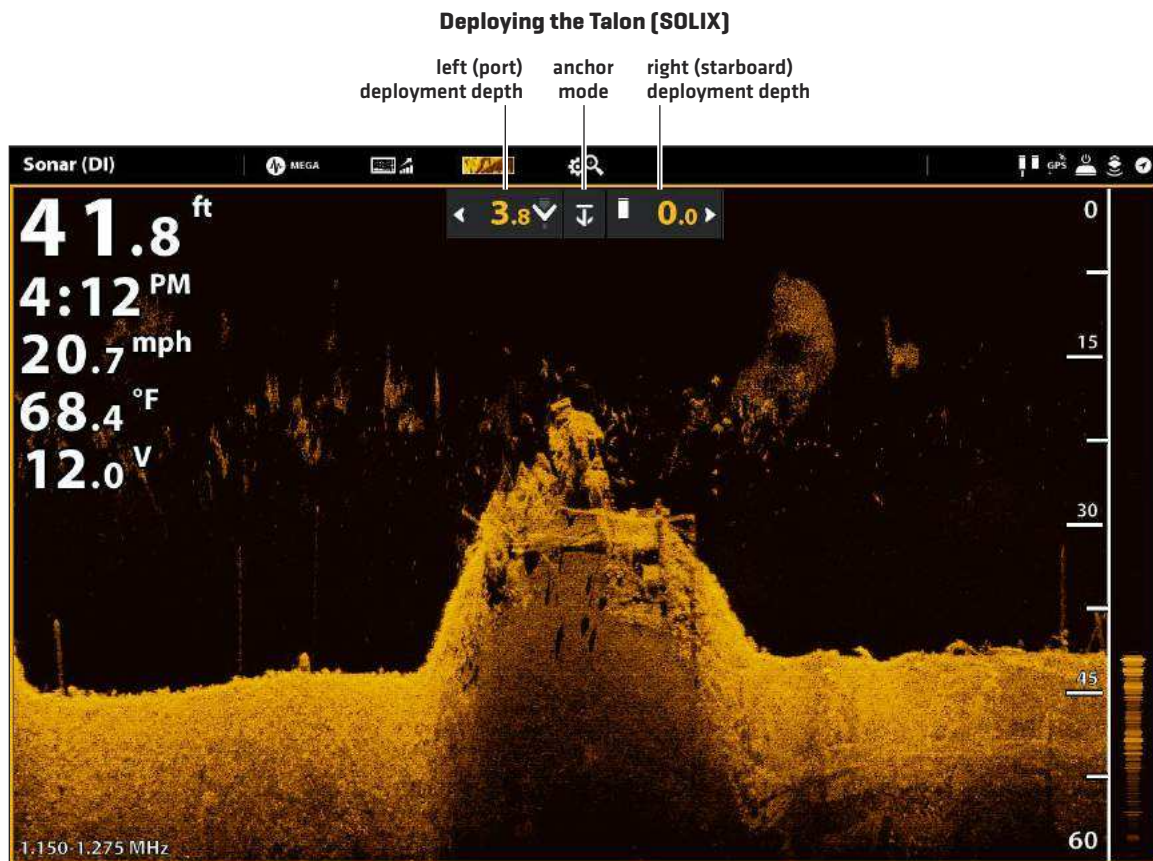
The Talon deploys into the water in sequences based on the deployment mode selected in **Set Up Talon on the Humminbird Control Head: Set the Anchor Mode**. You can deploy and retract the Talon using the following methods on the Humminbird control head:

- Quick Deployment Key
- Power X-Press Menu
- Talon Options Menu
- Talon Sidebar Widget [SOLIX only]

When you deploy or retract the Talon, a dialog box will display on-screen indicating the current status of the Talon(s) (using status icons), the current deployment depth, and the currently selected Anchor Mode. See the image below for an example.

Dual Talon Installations: Many menus are conditional to the number of Talons installed and the current deployment status of the Talon(s). For example, if you have a dual Talon installation, you will see menu options for the Left, Right, and Both Talons.

⚠ WARNING! Do NOT operate the boat above 5 mph [8 kph] with the Talon(s) deployed in water, as damage may occur.



Deploy/Retract the Talon(s) Using the Quick Key

1. From any view, press and hold the CHECK or ENTER key [depending on your control head model] to automatically deploy or retract the Talon.

SOLIX

HELIX

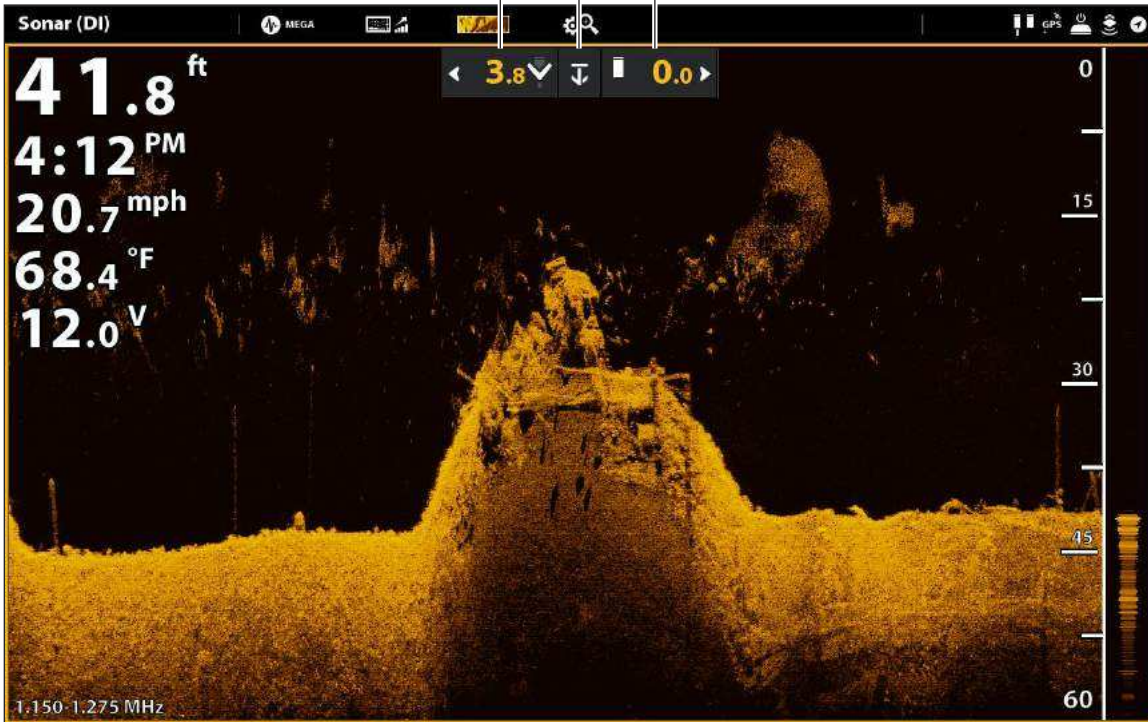


ENTER key

CHECK key

Quick Deploy [SOLIX]

left (port) deployment depth anchor mode right (starboard) deployment depth



Deploy

Deploy/Retract the Talon(s) from the Power X-Press Menu

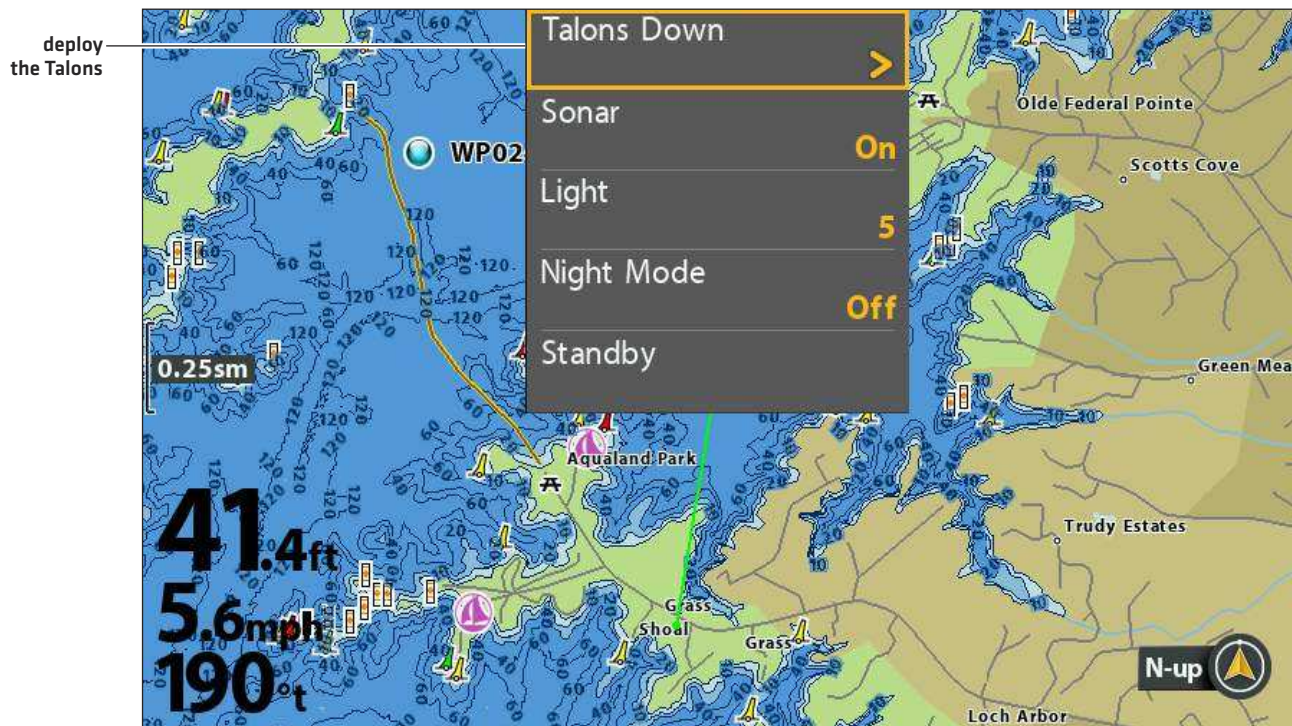
You can deploy and retract the Talon from the Power X-Press Menu on both HELIX and SOLIX.

1. From any view, press the POWER key. [On SOLIX units, you can also tap the status bar.]
2. **Deploy:** Select Talon[s] Down.

Pause: To pause the deployment or retraction, select Pause.

Retract: Select Talon[s] Up.

Deploying the Talon from the Power X-Press Menu (HELIX)



Deploy/Retract the Talon(s) from the Talon Options Menu

SOLIX Series

1. Press the HOME key.
2. Select the **Bluetooth** tool.
3. Under Bluetooth Talon, select Talon Options.
4. **Deploy:** Select Talon[s] Down.

Pause: To pause the deployment or retraction, select Pause.

Retract: Select Talon[s] Up.

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the **Accessories** tab.
3. Select Bluetooth Talon. Press the RIGHT Cursor key.
4. **Deploy:** Select Talon[s] Down. Press the RIGHT Cursor key.

Pause: To pause the deployment or retraction, select Pause.

Retract: Select Talon[s] Up.

Deploy or Retract the Paused Talon from the Talon Options Menu (HELIX)

Talon deployment paused. Select Up or Down to continue.

Bluetooth Talon

- Left Talon Up
- Left Talon Down
- Active Talon
- Anchor Mode
- Worklight Brightness
- Worklight Color
- Aux Power (Port)
- Aux Power (Starboard)
- Panel LED
- Manually Retract
- Auto Reconnect
- Forget Talon
- Device List

left (port) deployment depth anchor mode right (starboard) deployment depth

Use the Talon Work Light from the Talon Options Menu

The Talon is equipped with a work accessory light located at the top of the Talon. You can set the color and light intensity to your preference. See the instructions below for adjusting the work light from the Talon Options Menu.

1. Turn the Work Light On or Off

SOLIX Series

1. Press the HOME key.
2. Select the **Bluetooth** tool.
3. Under Bluetooth Talon, select Talon Options.
4. Select Work Light Brightness.
5. **On/Off:** Tap the on/off button, or press the ENTER key, to turn the work light on or off.

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the **Accessories** tab.
3. Select Bluetooth Talon. Press the RIGHT Cursor key.
4. Select Work Light Brightness.
5. **On/Off:** Press the RIGHT or LEFT Cursor key to turn on the work light.

2. Change the Work Light Brightness

SOLIX Series

1. Press the HOME key.
2. Select the **Bluetooth** tool.
3. Under Bluetooth Talon, select Talon Options.
4. Select Work Light Brightness.
5. Adjust the setting.
Touch Screen: Press and hold the slider, or drag the slider.
Keypad: Press and hold the ENTER key, or turn the Rotary dial.

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the **Accessories** tab.
3. Select Bluetooth Talon. Press the RIGHT Cursor key.
4. Select Work Light Brightness.
5. Press the RIGHT or LEFT Cursor key to change the setting.

3. Change the Work Light Color

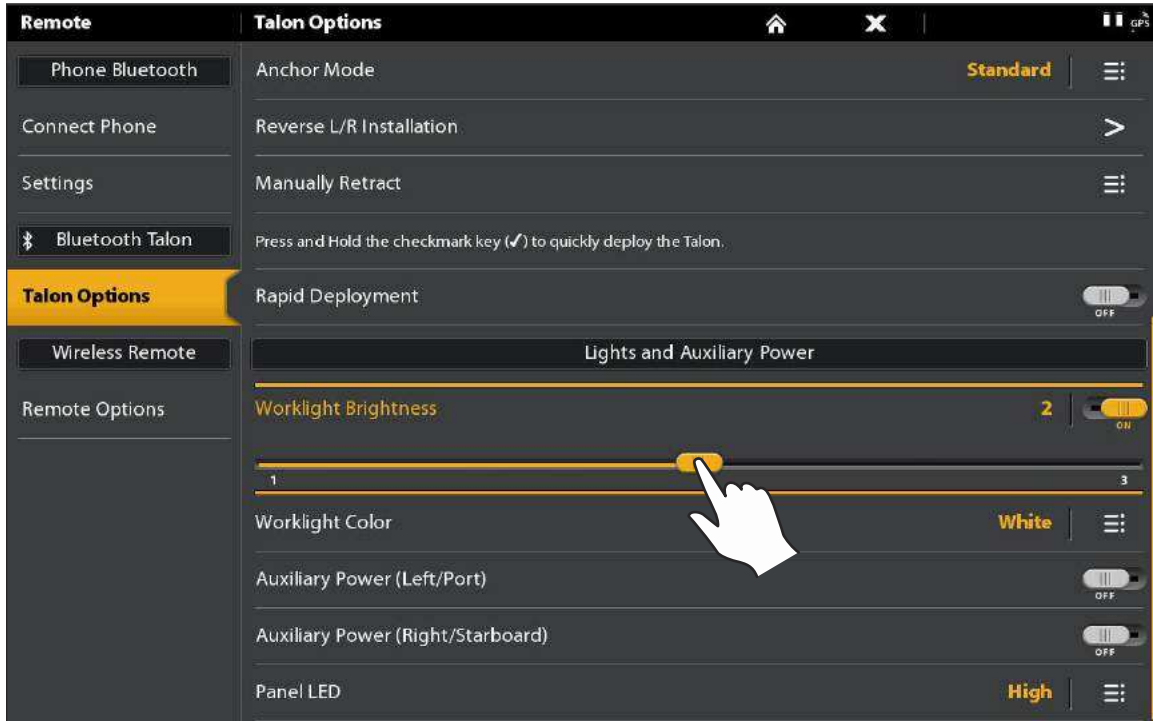
SOLIX Series

1. Press the HOME key.
2. Select the **Bluetooth** tool.
3. Under Bluetooth Talon, select Talon Options.
4. Select Work Light Color.
5. Tap to select a color, or use the Joystick and press the ENTER key.

HELIX Series

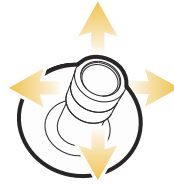
1. **Main Menu:** Press the MENU key twice.
2. Select the **Accessories** tab.
3. Select Bluetooth Talon. Press the RIGHT Cursor key.
4. Select Work Light Color.
5. Press the RIGHT or LEFT Cursor key to change the setting.

Adjusting the Work Light Brightness (SOLIX)



Press and Slide

OR




Select



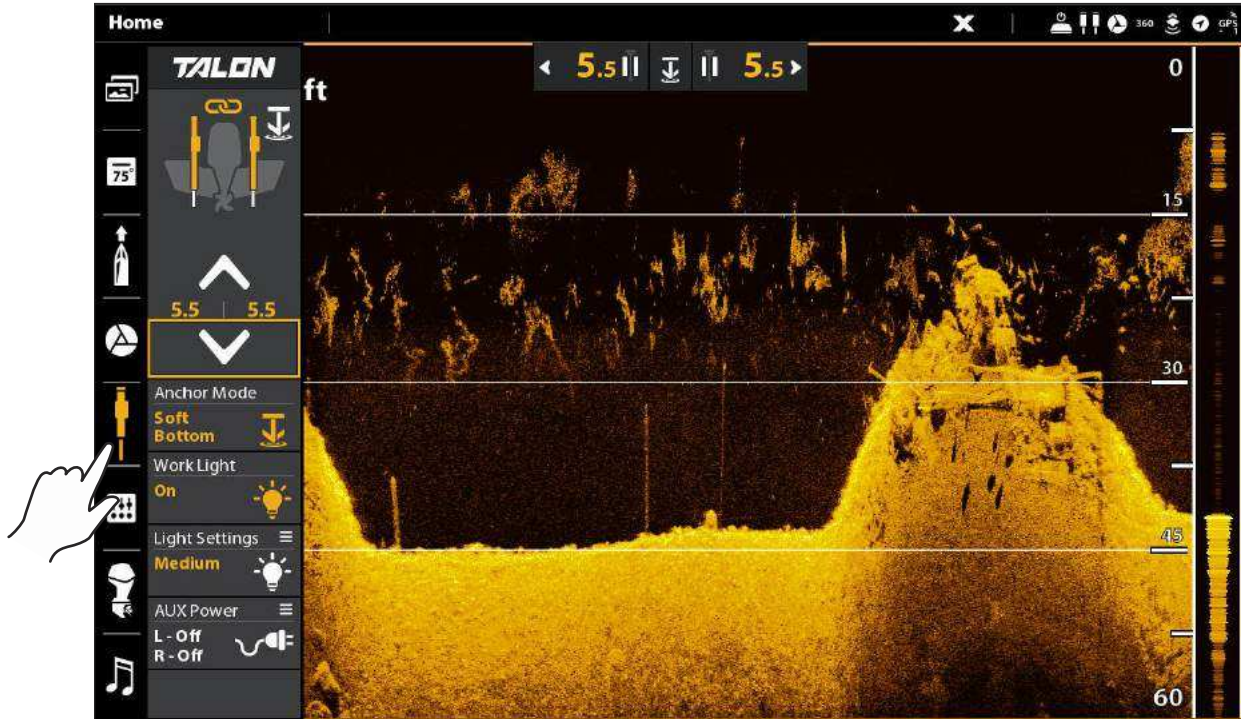
Adjust the Setting

Operate the Talon(s) Using the Talon Sidebar Widget (SOLIX only)

With paired and connected Talons on SOLIX models, you can deploy, retract, and select the active Talon, change the Anchor Mode, adjust the work light, and turn auxiliary power on/off using the Talon Sidebar Widget.

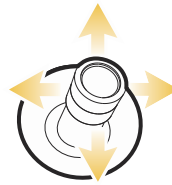
 **NOTE:** For additional information on using the SOLIX Sidebar Widget, review the *SOLIX Operations Manual* on our Web site at humminbird.com.

Using the Talon Sidebar Widget (SOLIX)



Press and Slide

OR



Select



Adjust the Setting

1. Deploy/Retract the Talon(s)

1. Select the Talon icon in the Sidebar Widget.

2. **Deploy:** Tap the DOWN arrow.

Pause: To pause the deployment or retraction, tap Pause.

Retract: Tap the UP arrow.

2. Set the Anchor Mode

1. Select the Talon icon in the side bar widget.
2. Tap Anchor Mode until the preferred anchor mode is selected. See *Set Up Talon on the Humminbird Control Head: Set the Anchor Mode*.

3. Turn the Work Light On or Off

1. Select the Talon icon in the side bar widget.
2. Tap Work Light to turn the work light on/off.

4. Change the Work Light Brightness or Color

1. Select the Talon icon in the side bar widget.
2. Tap Light Settings to open the submenu.
3. **Color:** Select to change the work light color from white to blue.
Brightness: Select to adjust the work light brightness.

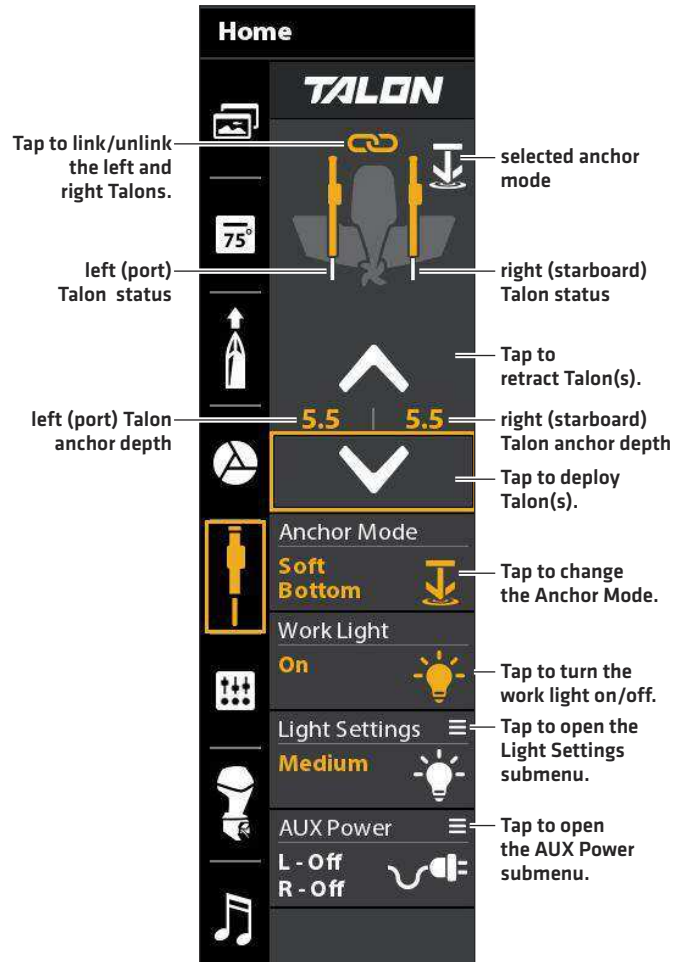
5. Turn the Auxiliary Power On/Off

1. Select the Talon icon in the side bar widget.
2. Tap AUX Power to open the submenu.
3. Select the Left Talon or Right Talon to turn on/off the corresponding auxiliary power.

6. Link/Unlink Talon Deployment (dual Talon installations only)

1. Select the Talon icon in the side bar widget.
2. Tap the link icon to link/unlink the Talons.
Linked: Both Talons will deploy/retract at the same time.
Unlinked: The left and right Talons will deploy/retract individually.

Talon Sidebar Widget [SOLIX]




OPERATING TALON WITH I-PILOT LINK

With a paired and connected i-Pilot Link, you can wirelessly control the Talon using the i-Pilot Link Remote.

 **NOTE:** For pairing instructions, see *Getting Started: Pair the Talon to the i-Pilot Link*.

Operating the Talon(s) with the i-Pilot Link Remote

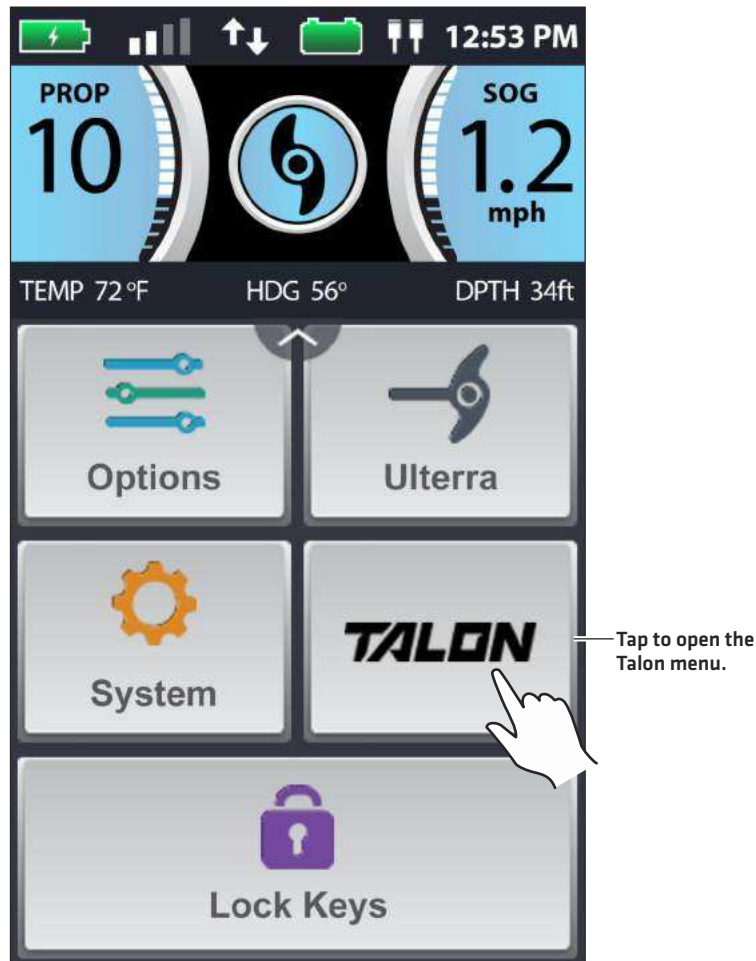
When the i-Pilot Link is paired and connected to the Talon, menus to control the Talon[s] are added to the i-Pilot Link remote. For Talon menu descriptions, see *Set Up Talon on the Humminbird Control Head*.

 **NOTE:** For additional information and instructions for using i-Pilot or i-Pilot Link with the Talon, visit the Minn Kota Web site at minnkotamotors.com.

Open the Talon Menu on the i-Pilot Link Remote

1. Press the OK key to power on the remote.
2. From the Home screen, select **Talon**.

Opening the Talon Menu on the i-Pilot Link (3.0) Remote



Using the i-Pilot Link Remote

Deploy: Tap the DOWN [deploy] arrow twice [double tap].

Retract: Tap the UP [retract] arrow once [single tap].

Pause: To pause the Talon during deployment or retraction, tap the PAUSE icon once.

Change Settings: Tap to open a menu, and tap to select settings.


Close the Talon Menu: Tap Back or Home, or press the Home key.

Status Icons: View the status of the Talon[s] by checking the status icons. They are similar to those used on the control head. See *Getting Started: Confirm Bluetooth Connections* for status icon descriptions.



OPERATING TALON WITH THE TALON MOBILE APP

The Minn Kota Talon mobile app allows you to operate the Talon[s] from your paired mobile device. For pairing instructions, see *Getting Started: Pair the Talon to your Mobile Device*.

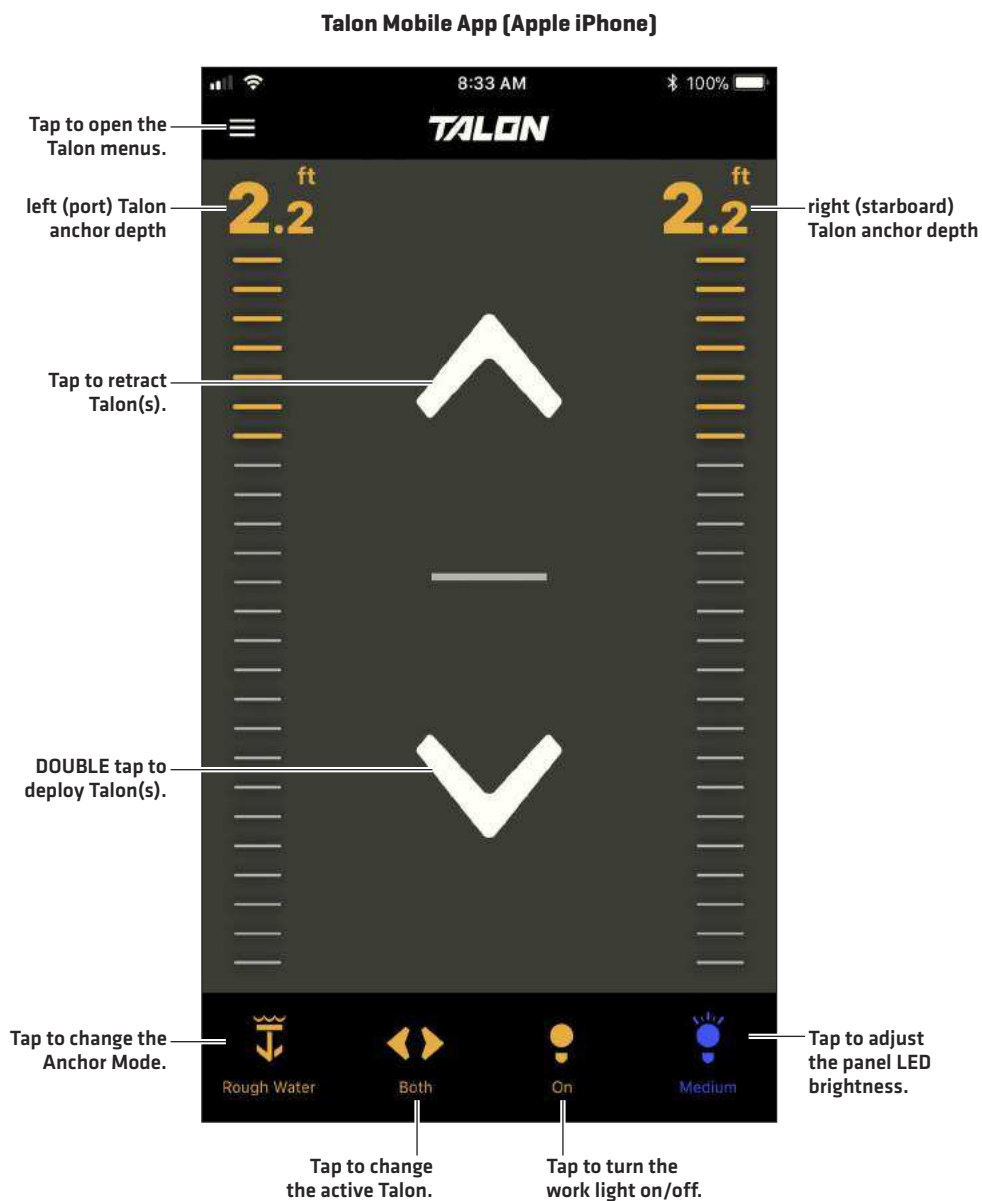
 **NOTE:** Wi-Fi or cellular data must be enabled on your mobile device to access some of the features in this app, including Talon Help and Register Your Talon.

Operating the Talon(s) from the Mobile App

1. **Deploy:** Tap the DOWN [deploy] arrow twice [double tap].

Pause: To pause the Talon during deployment or retraction, tap the PAUSE icon once.

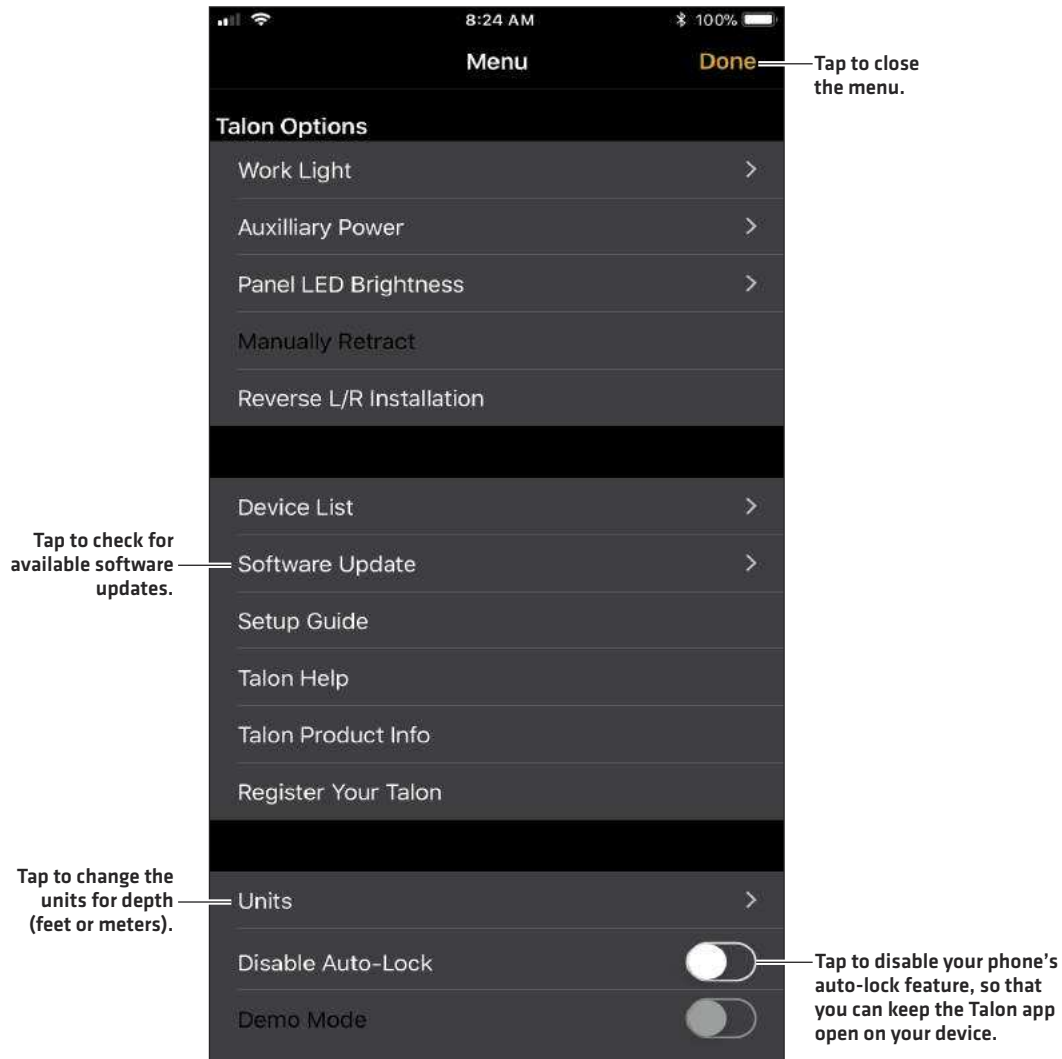
Retract: Tap the UP [retract] arrow once.



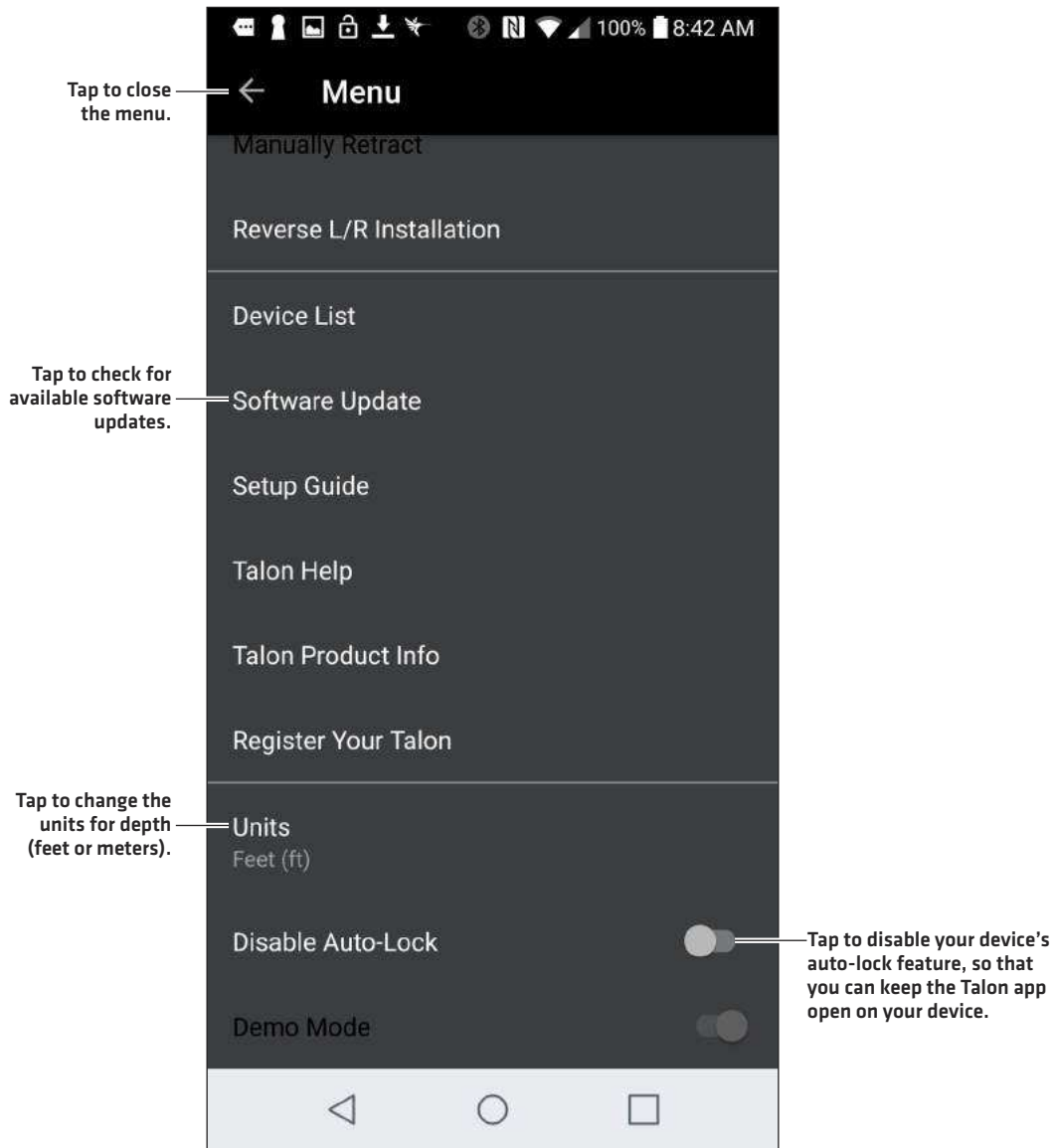
Using the Talon Menu on the Mobile App

In addition to the Talon menu options already discussed in this manual, you can also update the Talon software, use the built-in setup guide, register your Talon(s), review Talon product info, and access Talon help from the Talon app. Additionally, you can change the units of depth measurement and disable your mobile device's auto-lock feature in order to keep the Talon app displayed on your device.

Talon Menu on the Talon Mobile App (Apple)



Talon Menu on the Talon Mobile App [Android]



TROUBLESHOOTING

Control Head Won't Pair to the Talon

In the event the Humminbird control head won't successfully pair to the Talon, use the following troubleshooting tasks.

1. Power off and Restart the Control Head

1. Power off the control head and restart it.
2. Repeat the pairing steps outlined in *Getting Started: Pair the Talon to the Control Head*.

2. Disconnect your Mobile Device and Other Paired Accessories

1. **Disconnect your Mobile Device:** Turn **Bluetooth** off on your mobile device[s].
2. Repeat the pairing steps outlined in *Getting Started: Pair the Talon to the Control Head*.
3. If the control head still won't successfully pair to the Talon, disconnect any additional connections from the Device List using the following instructions:

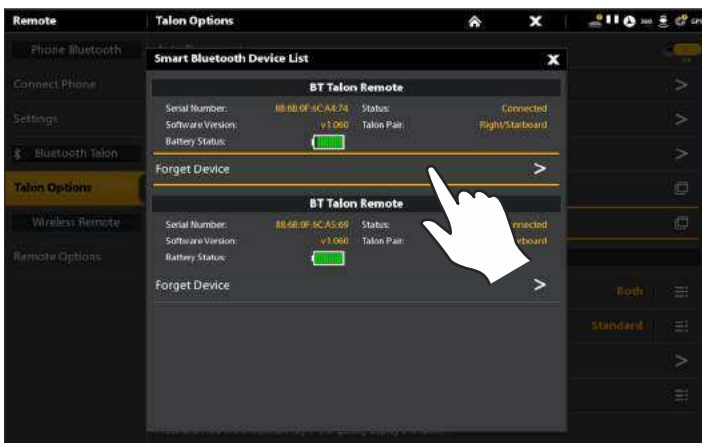
SOLIX Series

1. Press the HOME key.
2. Select the **Bluetooth** tool.
3. Under Bluetooth Talon, select Talon Options.
4. Select the Smart Device List.
5. Select a device to disconnect, then select Forget Device.

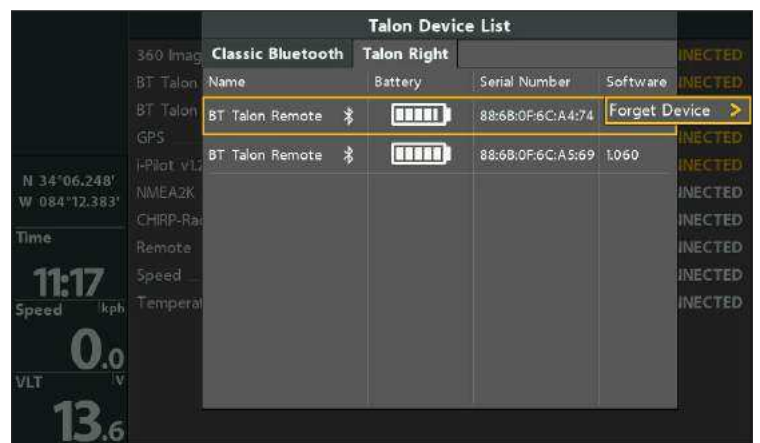
HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the **Accessories** tab.
3. Select Bluetooth Talon. Press the RIGHT Cursor key.
4. Select Device List.
5. **Single Talon Installation:** Select Smart Bluetooth.
Dual Talon Installation: Select Talon Left or Talon Right.
6. Select a device to disconnect and press the RIGHT Cursor key. Select Forget Device.

Disconnecting Accessories from the Device List (SOLIX)



Disconnecting Accessories from the Device List (HELIX)



3. Reset the Talon(s)

To reset the Talon, you must have simultaneous access to both the main power switch (fuse assembly) and the Talon Indicator Panel. Therefore, you may need the assistance of another person.

It is important to note that after you reset the Talon(s), you must re-pair all paired devices (Humminbird control head, mobile device, Talon accessories, etc.) For dual Talon installations, you will also have to re-pair the Talons to each other.

1. Confirm the Talon(s) is fully retracted and stowed.
2. Turn off power to the Talon(s).
3. Simultaneously press and hold the UP key on the Talon's Indicator Panel AND turn on power to the Talon.

The Talon will enter a power cycle and restart.

4. **Dual Talon Installations:** Repeat steps 1 through 3 on the second Talon.
5. **Re-pair Devices:** Repeat the pairing process for all paired devices.

Dual Talon Installations: Re-pair the Talons to each other.



NOTE: For additional support, see your *Talon Owner's Manual*.

Manually Retract the Talon(s)

In the event the Talon will not retract by command from the control head, the Talon Indicator Panel, or from any other paired device, use the following instructions to manually retract the Talon.

Supplies: 7/16" [11 mm] socket wrench

1. Enable Manual Retract Mode

You must first enable manual retract mode on the control head.

SOLIX Series

1. Open the Talon Options Menu.
2. Select Manually Retract.
3. **Single Talon Installations:** Select the Talon.
Dual Talon Installations: Select the Left (Port) or Right (Starboard).
4. Tap the on/off button, or press the ENTER key, to turn it on.

HELIX Series

1. Open the Talon Options Menu.
2. Select Manually Retract.
3. **Single Talon Installations:** Select the Talon.
Dual Talon Installations: Select the Left (Port) or Right (Starboard).
4. Press the RIGHT or LEFT Cursor key to select On.

2. Manually Retract Talon(s)

1. Locate the Manual Retraction Hex-Drive on the side of the Talon (refer to the illustrations in your *Talon Owner's Manual*).
2. Remove the rubber cap from the Manual Retraction Hex-Drive.
3. Place a 7/16" [11 mm] socket wrench on the hex-drive and turn the wrench in a clockwise direction until the Talon spike is fully retracted.



WARNING! The Talon may be slippery when wet. Use caution when adjusting the Manual Retraction Hex-Drive to avoid personal injury.

4. Visually confirm that the Talon spike is fully retracted.
5. Replace the rubber cap on the Manual Retraction Hex-Drive.
6. **Dual Talon Installations:** Repeat procedures 1 and 2 to retract the second Talon (if necessary).

3. Disable Manual Retract Mode

After successfully retracting the Talon, turn Manual Retract Mode off on the control head.

1. Repeat steps 1 through 3 in procedure **1, Enable Manual Retract Mode**.
2. Select Off.

Reverse Left/Right Talon Installation [dual Talon installation only]

To correct for an improper setup, where the Left [Port] Talon is displaying as the Right [Starboard] Talon or vice versa, use the following instructions to correct how the Talon[s] are displayed on the control head:

SOLIX Series

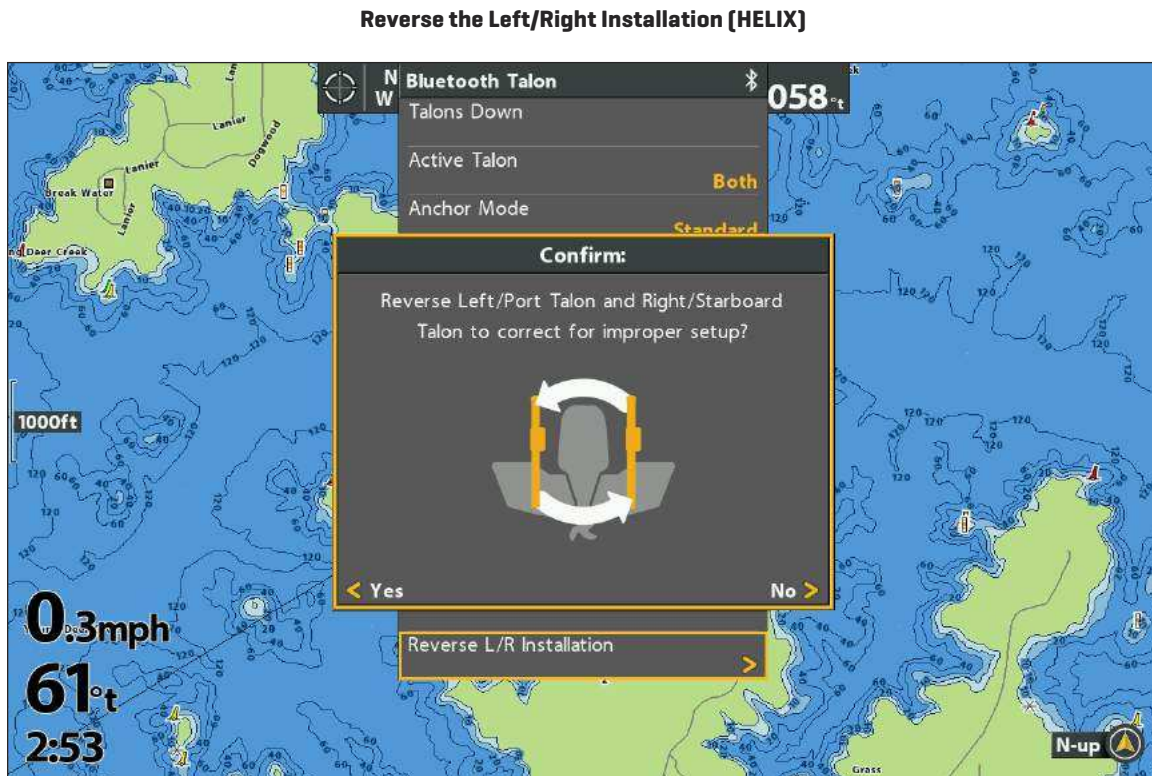
1. Open the Talon Options Menu.
2. Under General Settings, Reverse L/R Installation.
3. Follow the on-screen prompts.

HELIX Series

1. Open the Talon Options Menu.
2. Select Reverse L/R Installation.
3. Press the RIGHT Cursor key.
4. Follow the on-screen prompts.



NOTE: This task can also be performed using the Talon mobile app and the i-Pilot Link remote.



Forget Talon

In the event you want to disconnect the Talon from the control head, use the following instructions:

SOLIX Series

1. Press the HOME key.
2. Select the **Bluetooth** tool.
3. Under Bluetooth Talon, select Talon Options.
4. Select Forget Talon. Tap, or press the ENTER key, to select.

HELIX Series

1. **Main Menu:** Press the MENU key twice.
2. Select the **Accessories** tab.
3. Select Bluetooth Talon. Press the RIGHT Cursor key.
4. Select Forget Talon[s]. Press the RIGHT Cursor key.

MAINTENANCE

Update the Talon Software

You can update the Talon software through your Humminbird control head or by using the Talon mobile app.

Requirements: The Talon has to be paired to the control head or the mobile device, as the software update is pushed via the Bluetooth connection.

Dual Talon Installations: When you have two Talons installed on your boat, you only have to perform the procedure below once.

1a. Update Software from the Humminbird Control Head

Supplies: You will need an SD or microSD card [depending on your control head model].



WARNING! Humminbird is not responsible for the loss of data files [waypoints, routes, tracks, groups, snapshots, recordings, etc.] that may occur due to direct or indirect damage to the unit's hardware or software. It is important to back up your computer and control head data files periodically. See your control head operations manual for more information.

1. Confirm the Talon[s] and Humminbird control head are paired and actively connected.
2. Confirm the Talon[s] is fully retracted and stowed.
3. Install a blank SD or microSD card into the computer card slot.
4. Go to humminbird.com, and click Support > Software Updates.
5. Select Talon Shallow Water Anchor under Accessories & Mapping.
 - The available software updates are listed as downloads under each product.
 - Read the instructions and select Download.
 - Follow the on-screen prompts to save the software file to the SD or microSD card.
6. Insert the SD or microSD card [with the software file] into the control head card slot.
7. Follow the on-screen prompts to update the software.
8. When the software update is complete, remove the SD or microSD card from the control head card slot.
9. **Restart:** Power off and restart the control head.

1b. Update Software from the Talon App

Dual Talon Installations: When you have two Talons installed on your boat, you only have to perform the procedure below once.

Supplies: You will need your mobile device and a WiFi or cellular connection.

To download the Talon mobile app, see *Preparation: Download the Talon Mobile App*.

1. Confirm the Talon[s] is fully retracted and stowed.
2. Open the Talon app on your device.
3. Open the Talon menu.
4. Select Software Update.
5. Follow the on-screen prompts to complete the software update.

2. Re-pair Accessories

After updating the Talon software, you will have to re-pair your accessories, including the Talon remotes. For dual Talon installations, you will also have to re-pair the Talons to each other. See your *Talon Owner's Manual* for pairing instructions.



TALON

SHALLOW WATER ANCHOR

Owner's Manual

INTRODUCTION

THANK YOU

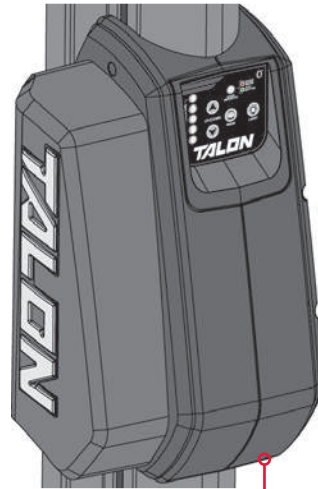
Thank you for purchasing the Minn Kota® Talon shallow water anchor. This revolutionary shallow water anchor uses state-of-the-art patented technology to deliver unprecedented levels of boat control. Intuitive features and wireless control enable Talon to accurately position your boat and improve your bait presentation. Talon holds your boat in position so you can focus on fishing.

REGISTRATION

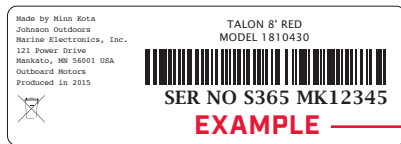
Remember to keep your receipt and immediately register your Talon. To receive all the benefits of your product warranty please fill out and mail the registration card.

SERIAL NUMBER

Your Minn Kota 11-character serial number is very important. It helps to determine the specific model and year of manufacture. When contacting Consumer Service or registering your product, you will need to know your product's serial number. We recommend that you write the serial number down so that you have it available for future reference.



NOTICE: The serial number on your Talon is located below the motor housing.



SAFETY CONSIDERATIONS

Please thoroughly read the user manual. Follow all instructions and heed all safety considerations. Use of this product is only permitted for persons that have read and understood these instructions. Minors may use this product only under adult supervision.

WARNING

You are responsible for the safe and prudent operation of your boat or vessel, and Talon(s). This product does not relieve you from the responsibility of safe operation of your boat. It may be hazardous to operate your Talon in rough or turbulent water conditions, such as fast currents or changing environmental conditions. Do not deploy your Talon if these conditions are present, especially when the underwater topography is unknown. Failure to follow this warning may result in unexpected operation or failure of the Talon to operate or anchor and could cause death or serious injury. You must avoid hazards to anchoring and always maintain a permanent watch so you can maintain proper control of your boat. You must always be prepared to regain manual control of your boat. Learn to operate your Minn Kota product in an area free from hazards and obstacles.

WARNING

The Talon should be disconnected from the power source when it is not in use or is off the water. When connecting the power-supply cables of the Talon to the battery or power switch, ensure that they are not kinked or subject to chafe and route them in such a way that persons cannot trip over them. Before using the Talon make sure that the insulation of the power cables is not damaged. Disregarding these safety precautions may result in electric shorts of battery(s) and/or the product. Always disconnect the Talon from battery(s) before cleaning or checking the Talon. In the event of unexpected operation, remove power leads from the battery. Avoid submerging the complete product as water may enter and considerable damage to the product can occur. This damage will not be covered by warranty. The constant noise pressure level of the Talon during use is less than 70dB(A). The overall vibration level does not exceed 2,5 m/sec².

WARNING

Take care that neither you nor other persons approach the Talon Spike too closely while operating, neither with body parts nor with objects. The Talon is powerful and may endanger or injure you or others. While the Talon is operating, watch out for persons swimming and for floating objects. Persons who lack the ability to run the Talon or whose reactions are impaired by alcohol, drugs, medication, or other substances are not permitted to use this product.

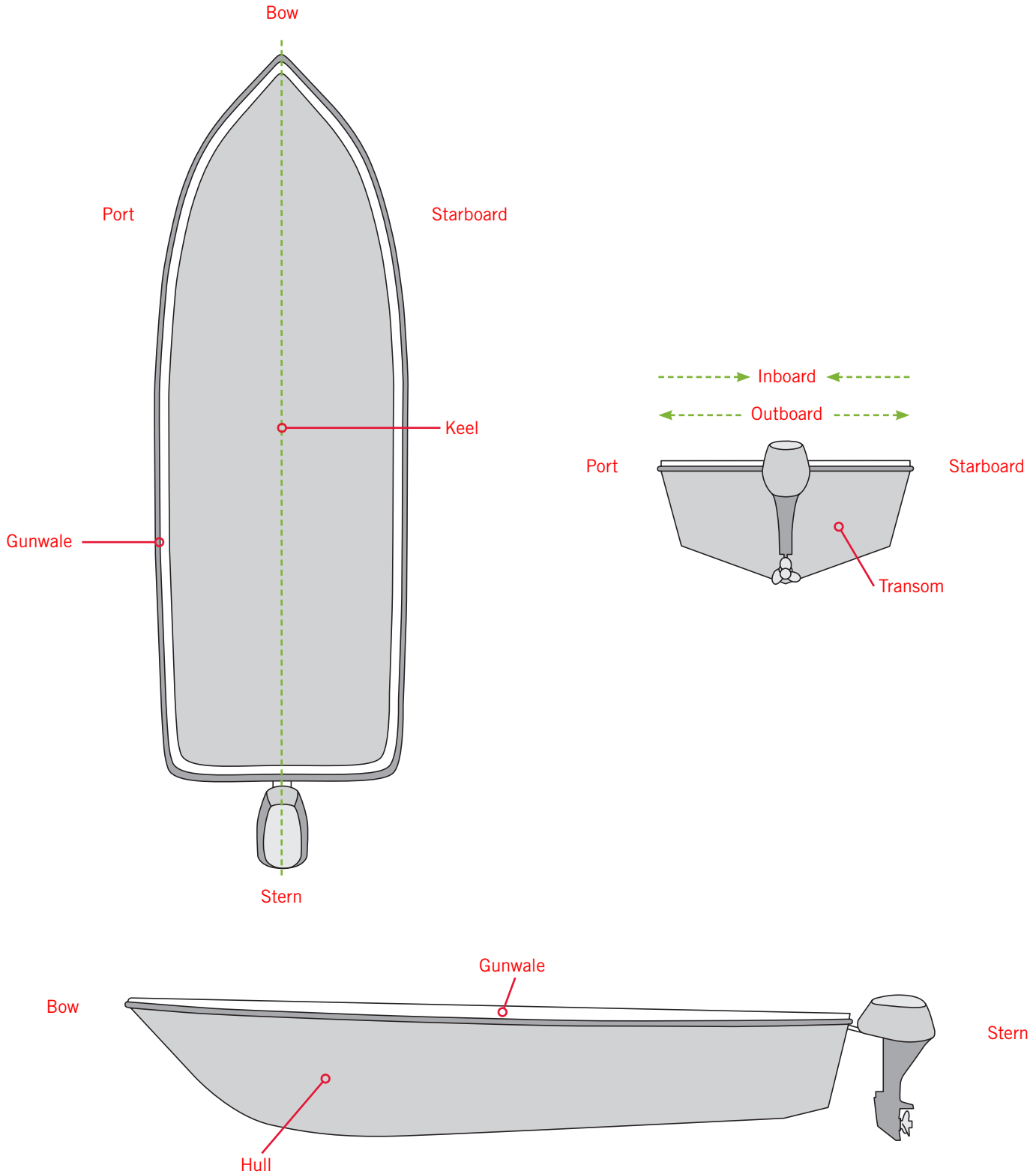
CAUTION

Never leave the boat unattended with the Talon as your only boat anchor. Talon is not intended to provide primary anchorage.

WARNING

It is recommended to only use Johnson Outdoors approved accessories with your Talon. Using non-approved accessories including those used to mount or control your product may cause damage, unexpected operation and injury. Be sure to use the product and all approved accessories, including remotes, safely and in the manner directed to avoid accidental or unexpected operation. Keep all factory installed parts in place including motor, electronic and accessory covers, enclosures and guards. Failure to adhere to this warning may affect your warranty.

KNOW YOUR BOAT



FEATURES



NOTICE: Specifications subject to change without notice. This diagram is for reference only and may differ from your actual Talon.

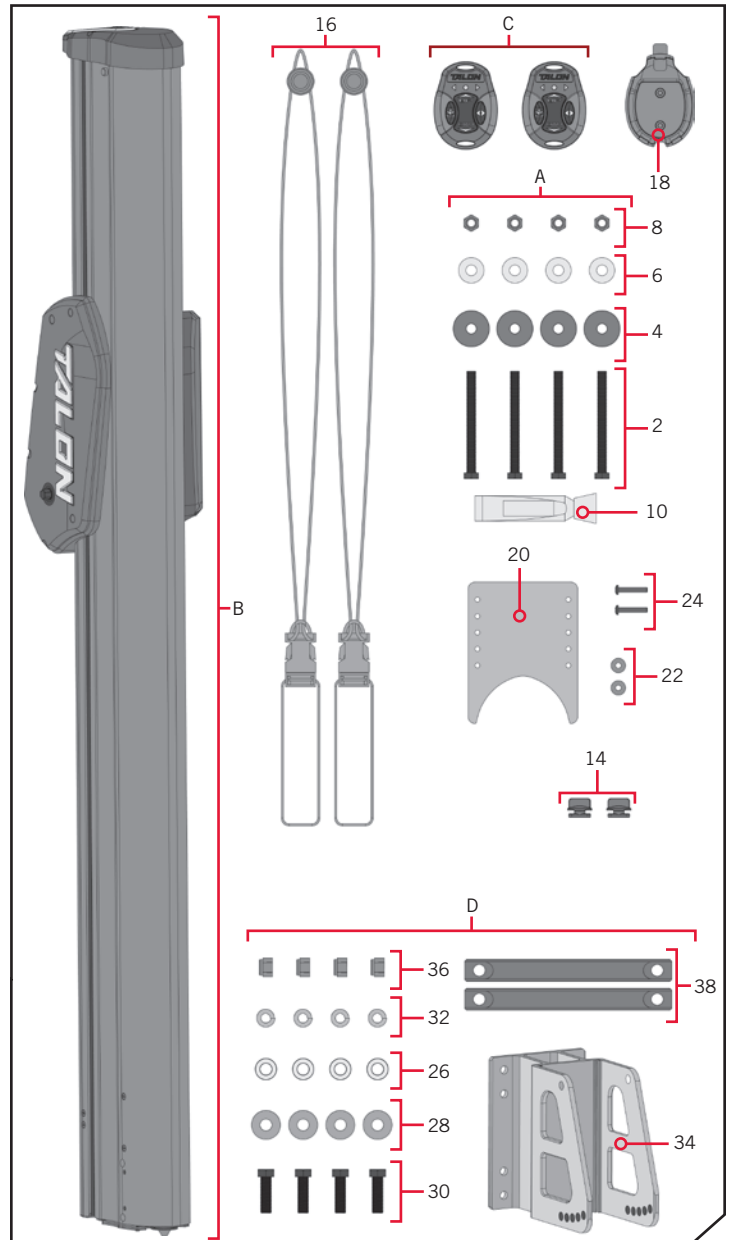
INSTALLATION

INSTALLING THE TALON

Your new Talon includes the hardware you will need to install it directly to the transom of your boat. If you have an irregular shaped transom that cannot accept a direct mount, or you prefer to mount the Talon with an adapter bracket for ease of mounting and removal. For installation with a Talon adapter bracket, refer to the installation instructions provided with the bracket. To install the Talon directly to the boat, please follow the directions provided in these installation instructions. Please review the parts list, mounting considerations and tools needed for installation prior to getting started.

INSTALLATION PARTS LIST

Item / Assembly	Part #	Description	Qty.
A Items 2-12	2994903	TALON HARDWARE BAG ASSY	1
2	2373525	BOLT-5/16-18 X 3 1/2" HHCS SS	4
4	2371749	WASHER-FLAT 5/16 SS	4
6	2371752	WASHER-FENDER, 5/16, SS	4
8	2223100	NUT-5/16-18 NYLOCK S/S	4
10	2378608	ANTI SEIZE TUBE, 4CC, TALON	1
12	2014802 ▲	BAG-ZPLCK(4x6)4ML ANTISTATIC	1
B	✳	TALON ASSEMBLY	1
14	2372930	CORD RETAINER	2
16	2390801	LANYARD, REMOTE	2
C	2994150	NEW BT TRANSMITTER ASSY	2
18	2371829	BRACKET, RMT DASH MNT HLDR	1
20	2376447	WATER SHIELD, DEFLECTOR - TALON 2	1
22	2371754	#8 WASHER, 1/2" OD, SS	2
24	2263434	#8-18 X 1 SS PPH	2
D Items 26-38	2778725	MOUNTING BRACKET ASSEMBLY	1
26	2371758	WASHER-3/8 HD FLAT SS	4
28	2378716	GUARD, EXTRUSION BRACKET	4
30	2383459	SCREW-3/8-24 X 1.25 HHCS SS	4
32	3391706	WASHER-LOCK 3/8"	4
34	2378725	BRACKET-TILT, MACH (SUB)	1
36	2373138	3/8-24 NYLON NUT, SS	4
38	2373815	TALON MOUNTING STRAP	2
40	2377170 ▲	MANUAL, TALON BT	1
42	2377171 ▲	MANUAL, INSTALL GUIDE T3	1



✳ This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

INSTALLING THE TALON

MOUNTING CONSIDERATIONS

Minn Kota recommends mounting the Talon directly to the transom of the boat with the Mounting Bracket. Your Talon comes complete with all the necessary hardware to mount directly to the transom/stern. The Talon may also be mounted using an optional adapter plate when direct transom mounting is not possible or desired due to obstructions or irregular-shaped transoms. When using an adapter bracket to mount the Talon, please use the instructions included with the accessory.

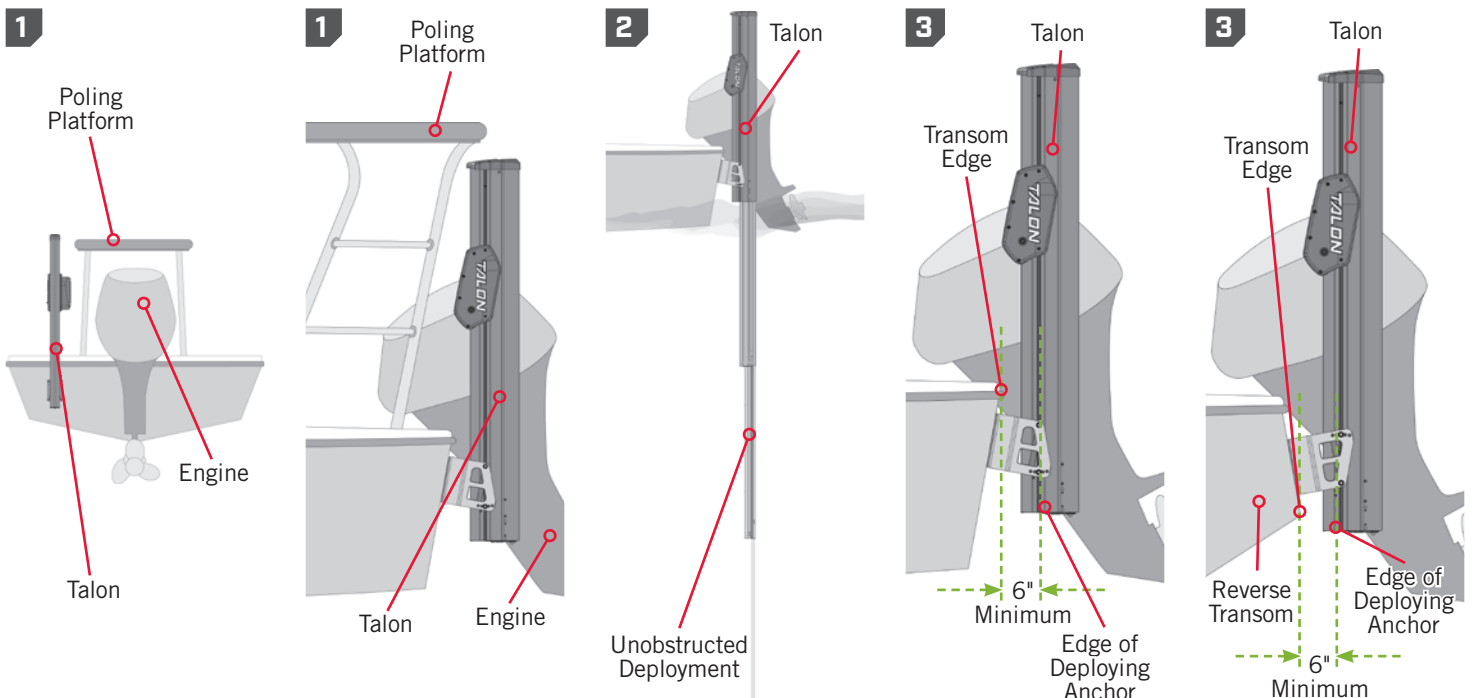
In order to use the direct mount installation, the following conditions need to be met:

1. Unobstructed Mounting - When selecting the Talon Mounting Bracket mounting location, examine your boat to ensure that you will not drill into any obstructions and that the hardware will be accessible for assembly.

2. Unobstructed Deployment and Retraction - Talon is designed to mount on either the port or starboard side of the transom. Talon must have a clear, unobstructed path to deploy. Check to make sure that your proposed location will allow the anchor to deploy and retract without hitting trim tabs, poling platforms, ladders, engine or other obstructions. You should also consider your fishing methods when selecting the mounting location.

3. Transom to Talon Clearance - The Talon Mounting Bracket included with your unit will allow for approximately 6" of clearance from the transom to the front edge of the deploying anchor. **When mounting the Talon Mounting Bracket directly to the transom, Minn Kota suggests installing the Mounting Bracket in the highest possible location.** This will provide the most clearance, and the greatest amount of vertical and angular adjustability.

NOTICE: Some boats may be manufactured with a reverse transom angle. In these cases, the Talon mounting bracket may be mounted upside-down to compensate for the reverse angle.



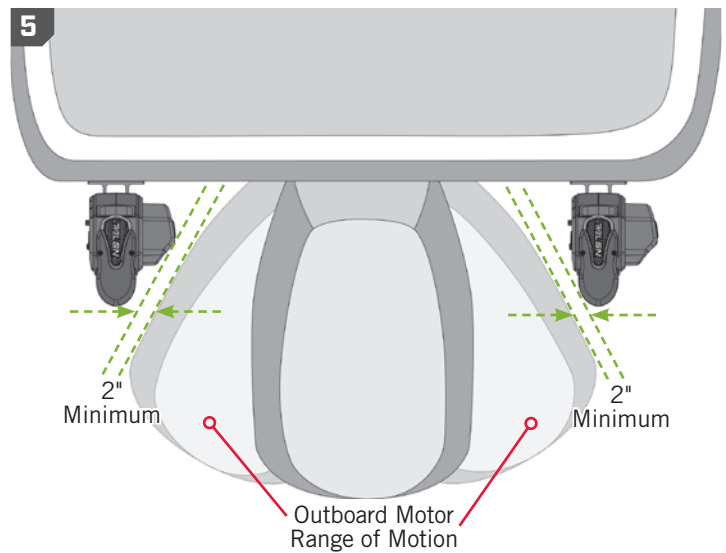
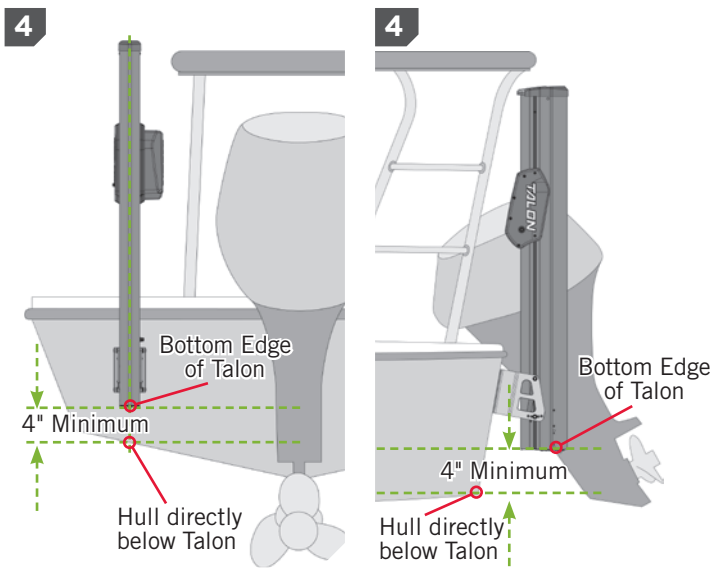
INSTALLING THE TALON

4. Talon to Hull Clearance - The bottom edge of the Talon should never be less than 4" above the hull directly below the Talon to prevent spray and drag conditions.

5. Talon to Engine Clearance - When selecting a mounting location make sure that no interference exists between the Talon and your engine during normal operation. Once you have selected your mounting location, trim the engine all the way up and all the way down, and steer the engine fully to and away from the side selected. Ensure there is a minimum of two to three inches of clearance from any point on the Talon.

NOTICE: All bass boats should mount the Talon as flush with the bottom of the Talon mounting bracket as possible to mitigate spray while underway.

NOTICE: In some instances, boat manufactures have begun to make hollow boat Transoms. We recommend speaking to your local boat dealer or OEM Manufacturer for mounting recommendations.



If these conditions are not met, please consider using an optional adapter plate. There are many adapter plates that allow for greater adjustability of the mount and allow for greater clearances to operate the Talon. Please visit minnkotamotors.com to learn more about selecting and installing an adapter plate.

CAUTION

Follow all instructions and heed all safety considerations. Minn Kota recommends having a second person help with installation. Not following proper installation and rigging instructions may result in injury. Mounting the Talon too low can cause undue drag from the Talon or Mounting Bracket when operating the boat. It is important to mount the Talon as recommended to avoid unsafe driving conditions.

TOOLS AND RESOURCES REQUIRED

- Drill
- 5/16" Drill Bit
- 1/2" Box End or Socket Wrench
- 9/16" Box End or Socket Wrench
- Marine Grade Sealant
- Cable Ties
- Tape Measure
- 30ft/lb capacity Torque Wrench
- Pencil or similar marking tool
- Pliers
- A second person to help with installation
- Heat Shrink with Adhesive
- Wire no smaller than 12AWG
- Voltmeter

INSTALLATION

Installing the Talon

1

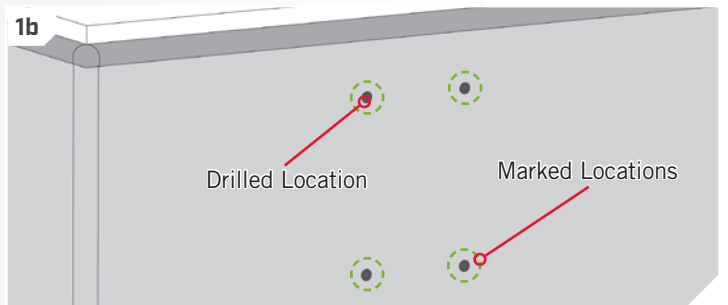
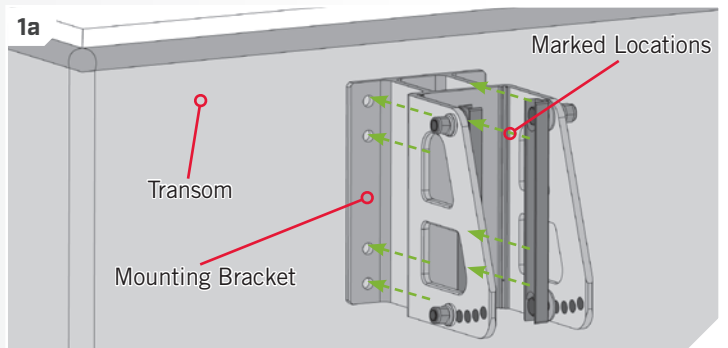
ITEM(S) NEEDED



#D x 1

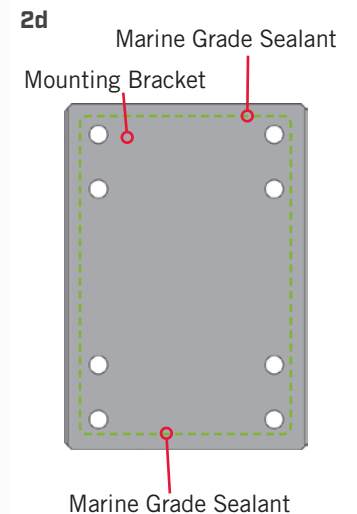
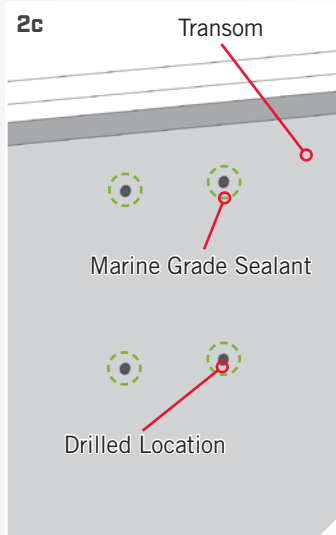
- a. Review the Mounting Considerations to determine if it is acceptable to complete a direct mount of the Talon Mounting Bracket. If acceptable, position the Mounting Bracket (Item #D) at the selected location and mark the Mounting Holes with a pencil or similar marking tool. Any of the eight Mounting Holes can be used with at least one bolt in each corner of the bracket, or 2 on each side.
- b. Double check that the mounting location is clear to drill holes and then use a Drill with a 5/16" Drill Bit to drill through the Transom/Stern of the boat on the marked locations.

NOTICE: When drilling the marked holes, make sure that the drill bit is perpendicular to the Transom/Stern of the boat and that the holes are being drilled straight. Not drilling the holes straight will give the mounting hardware a poor fit.



2

- c. Place a 1/8" bead of Marine Grade Sealant on the Transom of the boat around the drilled holes.
- d. Place the Marine Grade Sealant on the face of the Mounting Bracket that will contact the boat Transom/Stern when mounted. Keep the sealant approximately centered between the outside edge of the Mounting Bracket and the Mounting Holes. Once the sealant is in place, align the Mounting Bracket in the desired orientation with the holes that were drilled in the Transom/Stern.



INSTALLING THE TALON

3

ITEM(S) NEEDED

#2 x 4

#4 x 4

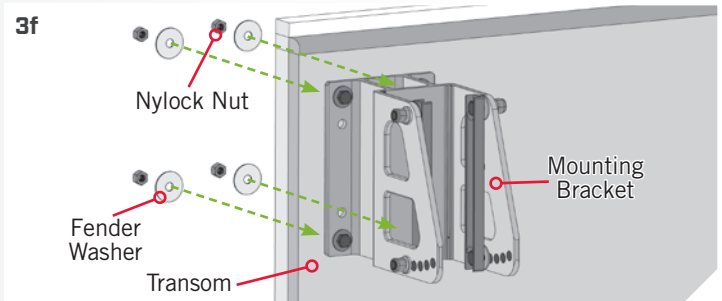
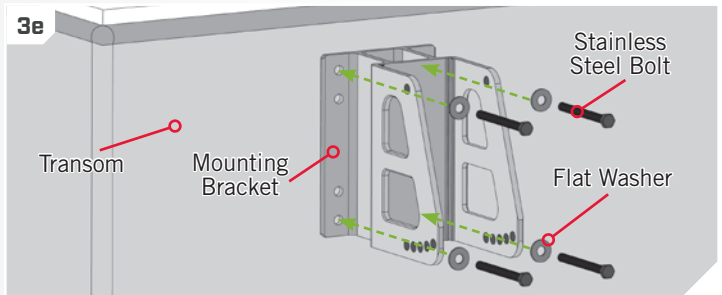
#6 x 4

#8 x 4

e. Take each of the four 3-1/2" Stainless Steel Bolts (Item #2) and place one Flat Washer (Item #4) on them. Place one Bolt in each of the Mounting Holes so that it passes through the Mounting Bracket and the drilled holes on the transom of the boat.

f. Place a Fender Washer (Item #6) on the end of each Bolt on the inside of the Transom and secure each with a Nylock Nut (Item #8). Tighten the bolts with a 1/2" Box End or Socket Wrench. Do not over-tighten.

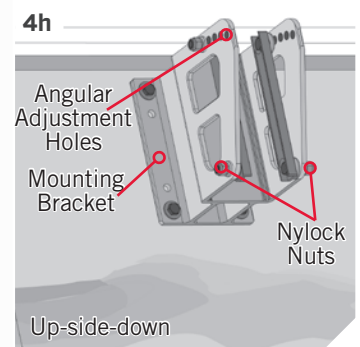
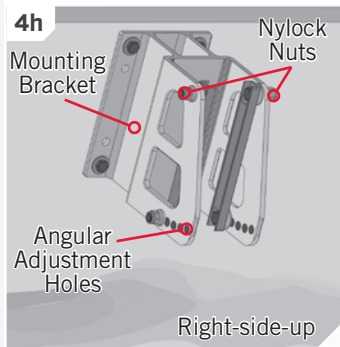
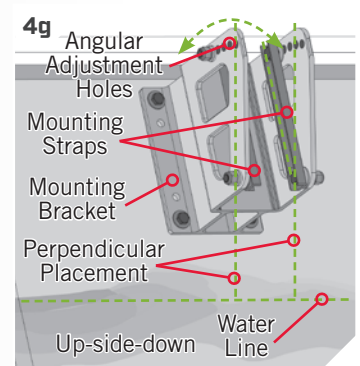
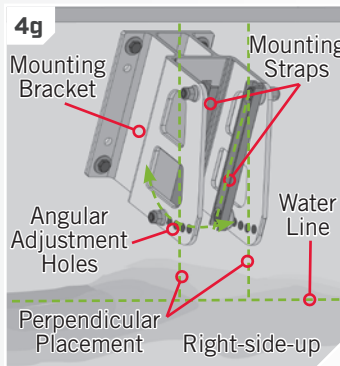
NOTICE: To prevent seizing of the stainless steel hardware, do not use high speed installation tools. Applying an anti-seize will help prevent seizing.



4

g. Once the Mounting Bracket is secured, note the Mounting Straps located on the inside of the Mounting Bracket. The Mounting Straps need to be adjusted so that they are as perpendicular as possible to the waterline. The five Angular Adjustment Holes located on one end of the Mounting Straps allows for 25 degrees of motion to accommodate the variability of different transom styles.

h. If the Mounting Straps are not perpendicular, use a 9/16" Box End or Socket Wrench to adjust the Nylock Nuts. The Bolt that passes through the Mounting Strap, opposite from the Angular Adjustment Holes should be loosened, but not removed.



INSTALLING THE TALON

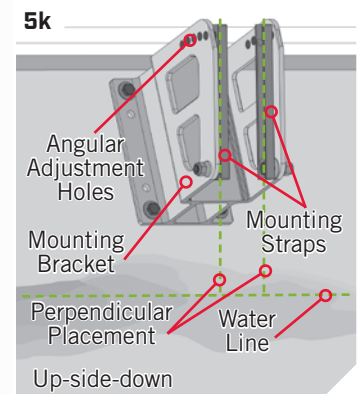
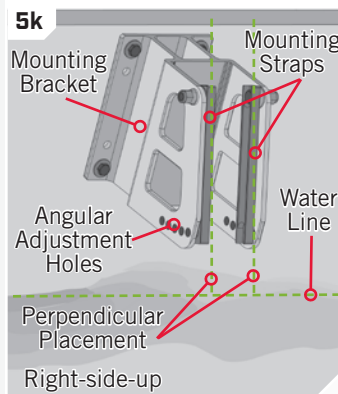
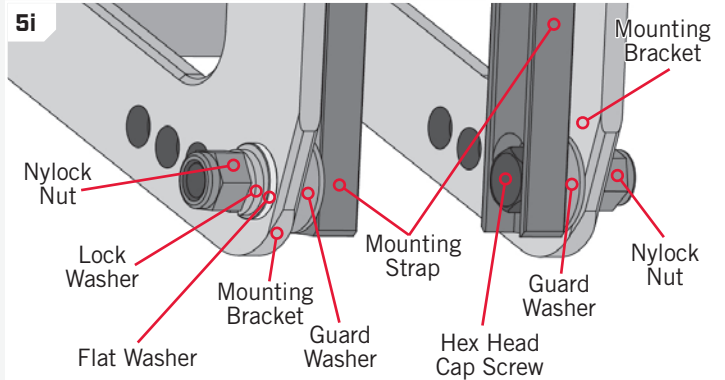
5

- i. Next, note the position of the nuts, washers and screws holding the Mounting Strap in place. The Hex Head Cap Screws pass from the inside to the outside of the bracket. They first pass through the Mounting Strap, then a Guard Washer, then the Mounting Bracket. On the outside of the bracket, the screw first holds a Flat Washer and then a Lock Washer before being secured with a Nylock Nut.
- j. After the appropriate Nylock Nut has been loosened, locate the Nylock Nut opposite of the loosened one on the Mounting Strap and remove it.
- k. Adjust the Mounting Straps so that they are as perpendicular to the waterline as possible.



CAUTION

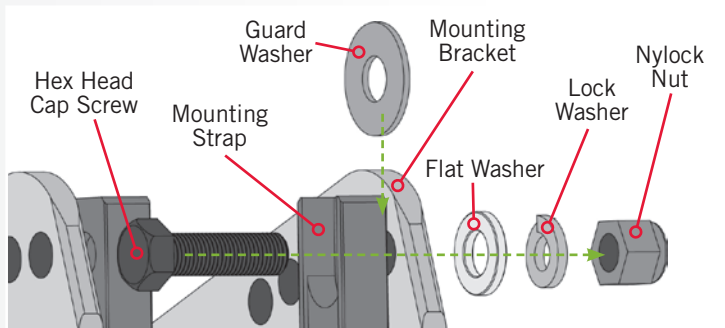
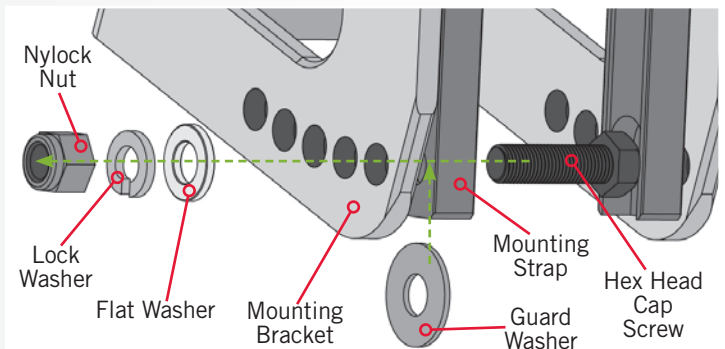
Do not use the Mounting Bracket or Talon as a step to enter the boat. The bracket will be slippery when wet and is not designed to support people. Using this product as a step may result in injury.



6

- l. Once perpendicular, replace the hardware that was removed by selecting one of the five Angular Adjustment Holes that will support the Mounting Strap at the most perpendicular position.
- m. To replace the bolts, pass them from the inside to the outside, through the Mounting Strap, then the Guard Washer, then the Mounting Bracket, a Flat Washer and Lock Washer. Then loosely secure with a Nylock Nut. The nuts will be fully secured later in the installation.

NOTICE: To prevent seizing of the stainless steel hardware, do not use high speed installation tools. The hardware holding the Mounting Straps in place has a pre-applied anti-seize.



INSTALLING THE TALON

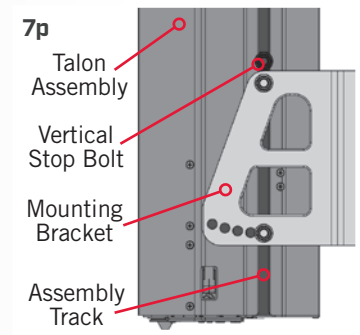
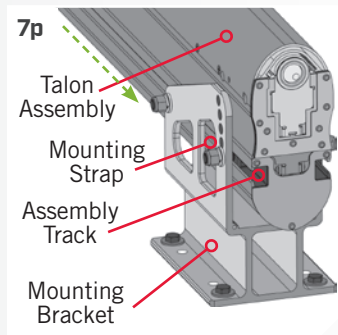
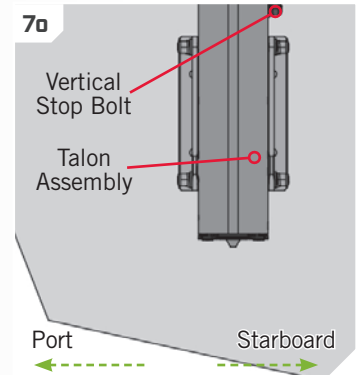
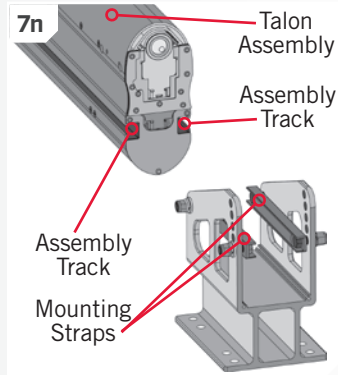
7

ITEM(S) NEEDED



NOTICE: We recommend a second person to help with this step of the installation.

- n. Next the Talon Assembly should be installed on the Mounting Bracket. Take the Talon Assembly (Item #B) and notice that there is an Assembly Track located on both sides of the Talon.
- o. When the Talon is properly oriented as it would be installed, there is a single Vertical Stop Bolt located on the Starboard side of the Talon along the Assembly Track. The Vertical Stop Bolt is used as a reference point or guideline to stop the Talon and position the Mounting Straps in the Assembly Track. Ensure that the Vertical Stop Bolt is secured in the approximate final position.
- p. Carefully lift the Talon Assembly into the Mounting Bracket and align the Mounting Straps with the Assembly Track. Slide the Guard Washers to the inside wall of the Mounting Bracket, so that they sit between it and the Talon Assembly. Slide the Talon Assembly down the Assembly Tracks until it comes in contact with the Vertical Stop Bolt.

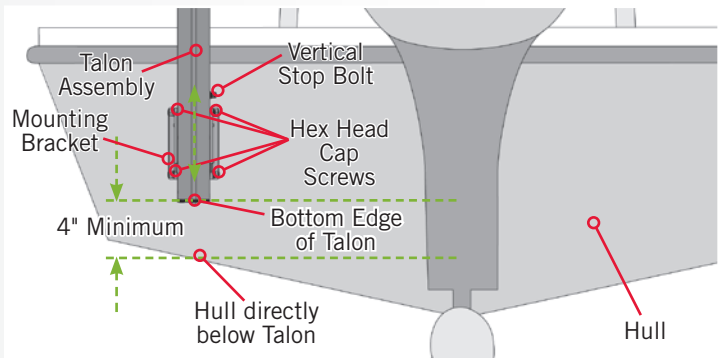


INSTALLING THE WATER DEFLECTION SHIELD

8

- q. While supporting the Talon Assembly, adjust it and the Vertical Stop Bolt up or down in the Mounting Bracket so that the bottom of the Talon Assembly is not less than 4 inches above the Bottom of the hull of the boat, or the waterline of the boat. Once in place, temporarily tighten the Vertical Stop Bolt.
- r. Double check the placement of the Talon Assembly and make sure it meets all of the mounting considerations. Make any adjustments as necessary. When the position of the Talon Assembly is acceptable, secure the four Hex Head Cap Screws and Nylock Nuts holding the Mounting Straps in place with a 9/16" Box End or Socket Wrench. Use a torque wrench to tighten to a recommended torque of 20 to 30 ft-lbs. Tighten the Vertical Stop Bolt.

NOTICE: Additional adjustments may need to be made to the mount after a trial run with the boat on the water. Periodically re-tighten the four nuts and screws to 20 to 30 ft-lbs.



CAUTION

Check tension of the 4 vertical adjustment nuts after initial use and periodically thereafter to ensure they are at the recommended torque of 20 to 30 ft-lbs.

Installing the Water Deflection Shield

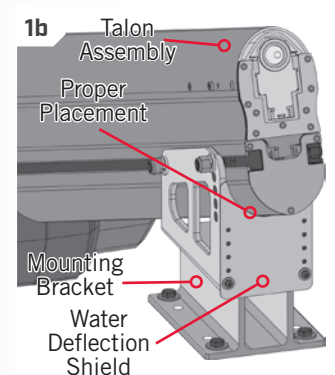
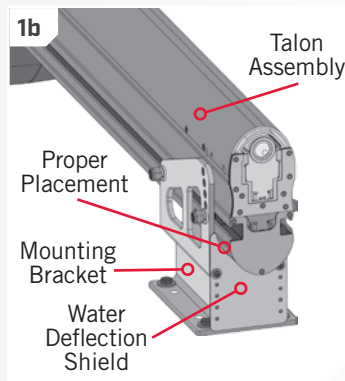
The Water Deflection Shield is designed to prevent undesirable spray conditions while the boat is traveling over water. The Water Deflection Shield is installed after the Talon is successfully installed on the boat. Each installation will be different and is dependent upon the position of the Talon as it sits in the Mounting Bracket. The Water Deflection Shield is installed on the bottom side of the Mounting Bracket as it is attached to the boat. The installation is designed to be adjustable to suit different angular positions.

1

ITEM(S) NEEDED

#20 x 1

- a. Make sure that the Talon is positioned as recommended and installed properly by reviewing the Installing the Talon section of this manual.
- b. Once complete, take the Water Deflection Shield (Item #20), and determine where it will be installed on the Mounting Bracket. When placed properly, the curved edge of the shield will sit against the surface of the Talon Assembly that sits inboard in the Mounting Bracket.

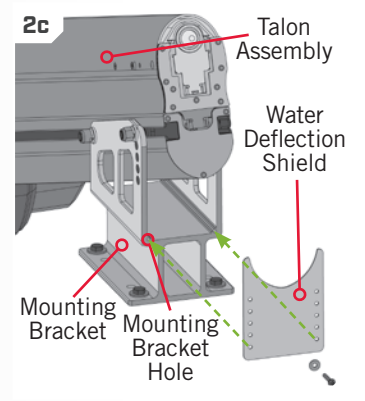
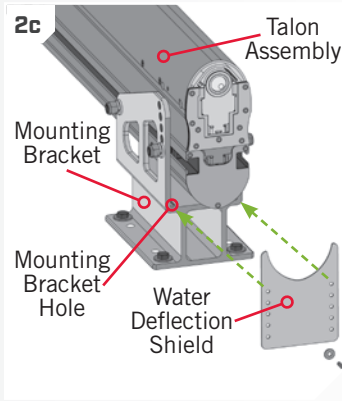


INSTALLING THE POWER CABLE AND DEPLOYMENT NOTIFICATION ALARM WIRE

2

- c. Align the closest set of holes in the shield with the holes in the bottom of the Mounting Bracket. The set of holes used on the shield will vary for each individual installation.

NOTICE: The Water Deflection Shield will always be installed on the bottom side of the Mounting Bracket regardless of the orientation that the Mounting Bracket was installed. There should be no gap between the shield and the Talon.



3

ITEM(S) NEEDED

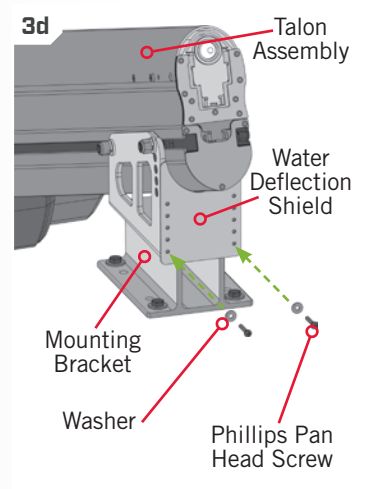
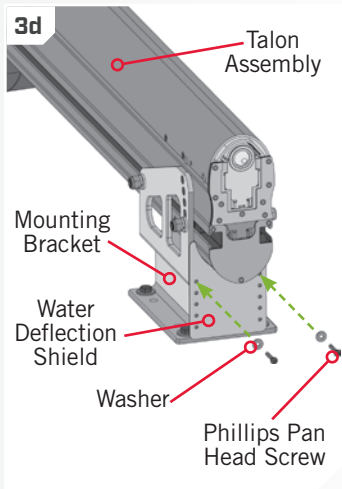
#24 x 1

#22 x 1

- d. Take two each of the 1/2" Washers (Item #22) and two of the 1" Phillips Pan Head Screws (Item #24) to attach the shield to the Mounting Bracket. Place one washer on each of the screws. The screw should pass through a washer, then the Water Deflection Shield and into the Mounting Bracket. Secure the screws using a #2 Screwdriver.

NOTICE: To prevent seizing of the stainless steel hardware, do not use high speed installation tools. Applying an anti-seize may help prevent seizing.

NOTICE: If you adjust the angle of your Talon after this step is complete, you will need to re-adjust the placement of the Water Deflection Shield to ensure proper functionality.

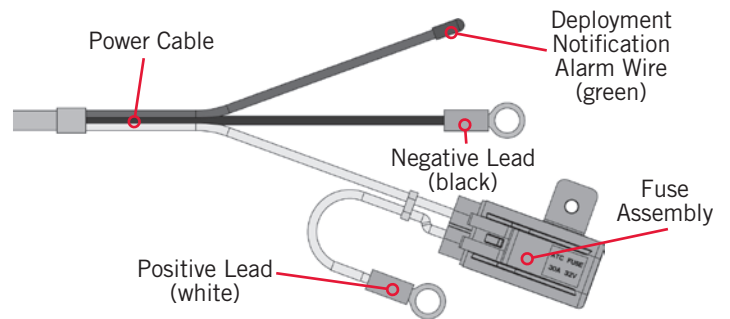


INSTALLING THE POWER CABLE AND DEPLOYMENT NOTIFICATION ALARM WIRE

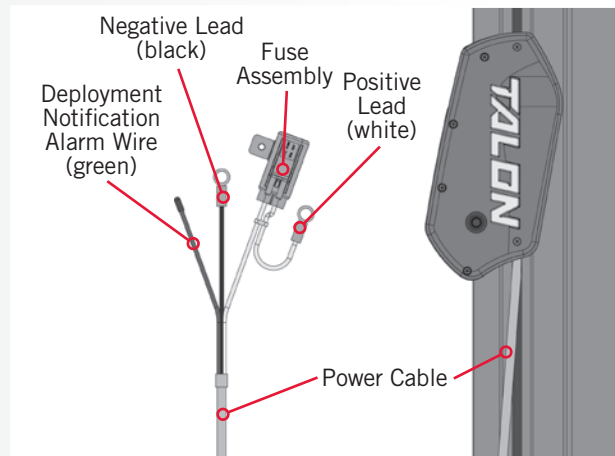
Installing the Power Cable and Deployment Notification Alarm Wire

The Talon Power Cable consists of a 30 amp in-line resettable fuse on the positive lead, a negative lead, and a Deployment Notification Alarm Wire. The Deployment Notification Alarm Wire is a green wire that comes from the Power Cable and, when installed, is used to sound an alarm, when the Ignition Switch is turned to the "on" position with the Talon deployed. When connected and the Talon is properly stowed, no tone will be emitted when the Ignition Switch is turned "on". Minn Kota recommends connecting the Power Cable to the starting battery through a battery selector/power disconnect switch. The Talon does draw a small amount of residual current from the battery even when not in use. By connecting the positive lead of the Talon Power Cable through a battery selector/power disconnect switch it will disconnect power to the Talon when the Power Switch is "off". The Power Switch must have a minimum amp rating of 60 amps per Talon. If you are not connecting the Talon to a battery selector/power disconnect switch, it can be connected directly to the starting battery, but should be disconnected from power when the Talon is not in use. The Power Cable can be routed in a number of different ways depending on a boat's unique setup. It is recommended to route the Power Cable using the shortest and cleanest route from the Talon to the battery connection. Please see the Battery & Wiring Installation section of this Manual for more information.

NOTICE: It is not necessary to connect the Deployment Notification Alarm Wire in order for the Talon to function, but it is needed to comply with warranty requirements.



- 1
 - a. Inspect the selected wire routing and make sure that there are no sharp edges, obstacles or obstructions that may damage the Power Cable. If routing along the gas outboard wire or a cable harness assembly, you may need to open any wire ties or clamps to allow the Power Cable to pass through.
 - b. Carefully route the Power Cable along the intended path. Remove any slack in the Power Cable so that it routes without any bulges, lumps or kinks.
 - c. The Power Cable for the Talon splits at the end to include the positive lead with a fuse, a negative lead and then the Deployment Notification Alarm Wire. If you choose not to connect the Deployment Notification Alarm, skip to step 4.

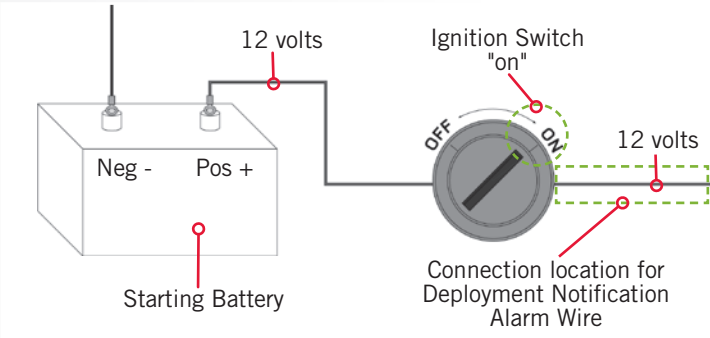
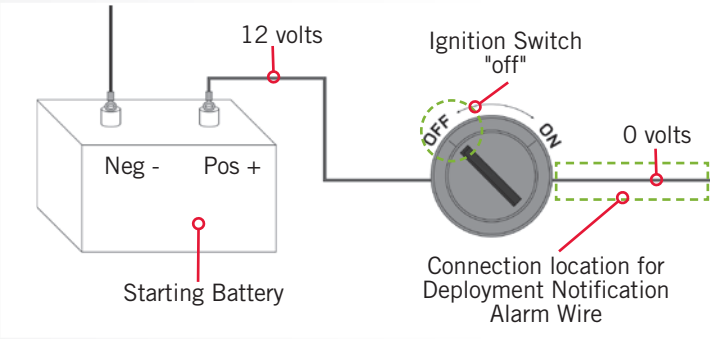


NOTICE: If unsure of how to wire the Talon Power Cable, please see a qualified marine technician.

INSTALLING THE POWER CABLE AND DEPLOYMENT NOTIFICATION ALARM WIRE

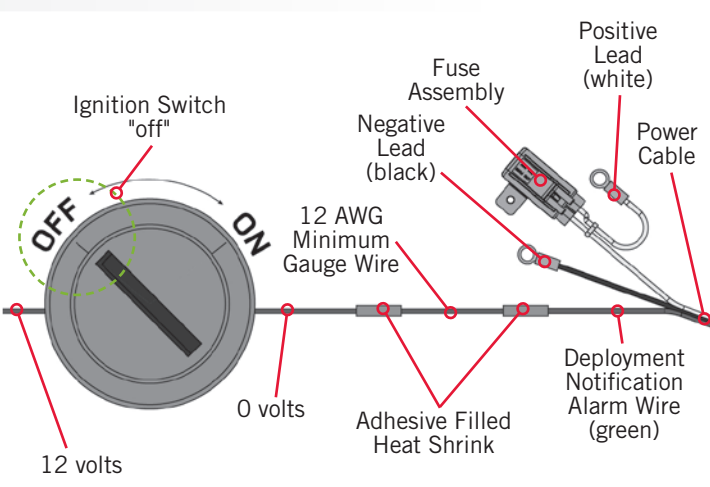
2

- d. The optional Deployment Notification Alarm will be connected to the side of the 12 volt Ignition Switch that lacks power when the switch is turned "off". Use a voltmeter to determine where this connection exists. 12 volts should be present at the connection when the ignition switch is turned to the "on" position and no voltage should be present when the switch is turned to the "off" position.
- e. Next determine if the Deployment Notification Alarm Wire is long enough to reach the intended connection. If additional wire is needed, use a wire that is no smaller than 12 AWG.



3

- f. Be sure that the Ignition Switch is turned to the "off" position. Cut off the sealed end of the green Deployment Notification Alarm Wire on the Power Cable and splice it to the 12 AWG minimum gauge wire, or if there is enough slack in the wire, directly to the switched side of the Ignition Switch that was just tested. Use an adhesive filled heat shrink to waterproof and secure the splice.
- g. If an additional wire was used, close the final connection between the Ignition Switch and the additional 12 AWG wire and seal with an adhesive filled heat shrink.

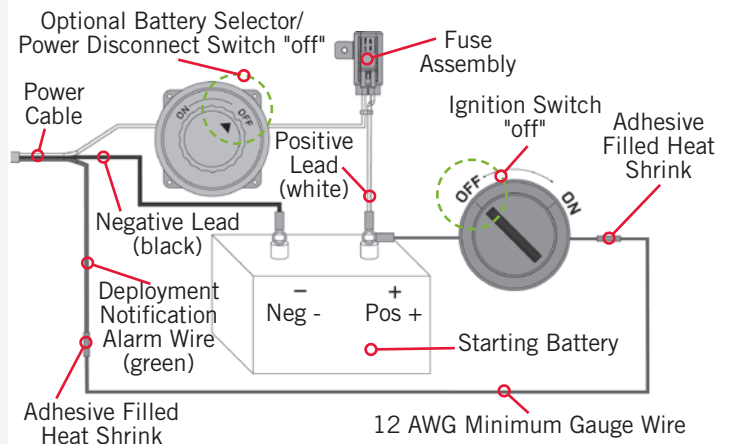


NOTICE: When properly installed the alarm will only sound when the ignition key is turned on when the Talon is not fully retracted.

INSTALLING THE POWER CABLE AND DEPLOYMENT NOTIFICATION ALARM WIRE

4

- h. If connecting to an optional battery selector/power disconnect switch, turn it to the "off" position before connecting the Power Cable.
- i. The positive white lead wire coming from the Power Cable has a red band and contains the Fuse Assembly. This wire connects to the Starting Battery positive (+) terminal or the battery selector positive. Connect the black negative lead of the Power Cable to the Starting Battery negative (-) terminal. If additional wiring needs to be used to make the connections, please see the Battery and Wiring Installation Section of this manual. Secure any splices with an adhesive filled heat shrink tube. Make sure that the Fuse Assembly is used.



NOTICE: For proper American Boat & Yacht Council Compliance, if the Fuse Assembly is removed, the user must install a 30 amp fuse within 7" of the positive battery terminal (+).

5

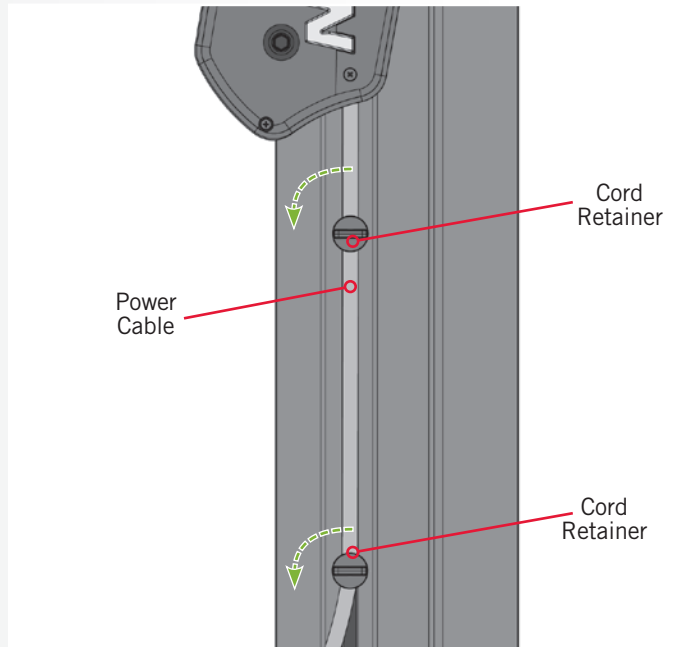
ITEM(S) NEEDED

#14 x 2

- j. Once the Power Cable has been routed, connected and secured, the remaining loose cable may be pushed inside the Assembly Track that runs vertically along the outside column of the Talon.

NOTICE: Depending on your wiring, there may be more or less slack in the Power Cable. The Cord Retainers use and placement will vary from installation to installation.

- k. Take the two Cord Retainers (Item #14) and push the t-slot portion of them into the Assembly Track. Once positioned use a pair of pliers to turn the Cord Retainer 90 degrees in the Assembly Track to lock it in place.







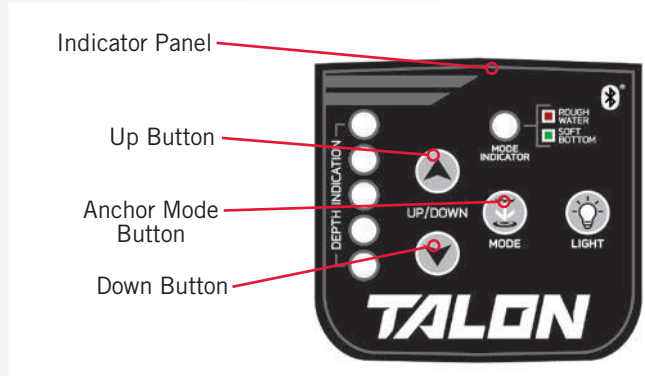
INSTALLING THE POWER CABLE AND DEPLOYMENT NOTIFICATION ALARM WIRE

Verifying Installation



Once installation is complete, use the following procedure to verify installation and confirm your Talon is ready to use.

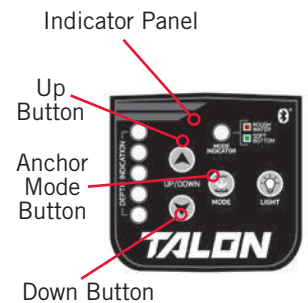
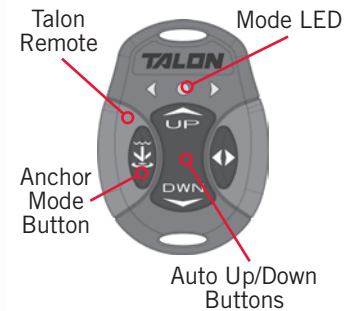
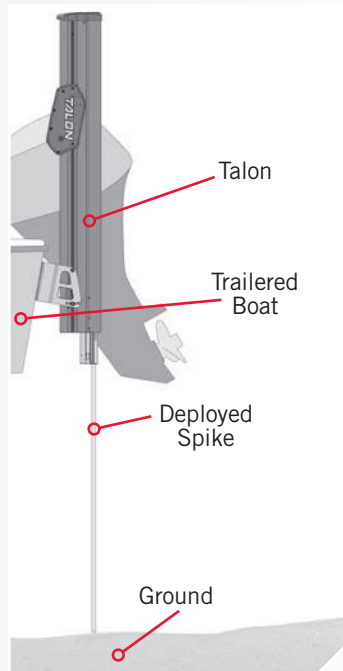
1





- For this test your Talon must be able to deploy and make contact with the ground without hitting any obstructions. Carefully inspect the area around the Talon for any obstructions that may interfere with deployment.
- If using a battery selector, or power disconnect switch, turn the selector switch to the "on" position. On the Indicator Panel of the Talon are three buttons needed for this verification, the Up  button, the Down  button and the Mode  button. Press the Mode  button. Confirm that the Mode Indicator is unlit. If it is not, press the Mode button until the Mode Indicator flashes between green and red and then turns off.



2

- Stand clear of the Talon and push the Down  button. The Talon spike will begin to deploy. The Depth Indication LEDs on the Indicator Panel will track the progress of the Talon as the Spike deploys.
- When the Spike comes in contact with the ground, the unit will automatically shut off. After the initial shut off, you will hear two (2) additional deploy cycles (or clicks), each 3-seconds apart from the initial ground contact.
- If the Talon functions as described above, press the Up  button. The Talon will fully retract. If the Talon does not function as described, double check all wiring connections and verify proper polarity to white and black power leads and retest.



NOTICE: To perform the same test using the remote instead of the buttons on the Indicator Panel, use the Anchor Mode  button, the Up  button, and the Down  button on the remote. To deploy the anchor on the remote, the Down  button must be double pressed.

BATTERY & WIRING INSTALLATION

BOAT RIGGING & PRODUCT INSTALLATION

For safety and compliance reasons, we recommend that you follow American Boat and Yacht Council (ABYC) standards when rigging your boat. Altering boat wiring should be completed by a qualified marine technician. The following specifications are for general guidelines only.

CAUTION

Please read the following information before connecting your Talon(s) to your battery in order to avoid damaging your product and/or voiding your warranty.

CAUTION

These guidelines apply to general rigging to support your Minn Kota product. Powering multiple Talons or additional electrical devices from the same power circuit may impact the recommended conductor gauge and circuit breaker size. If you are using wire longer than that provided with your unit, follow the conductor gauge and circuit breaker sizing table below. If your wire extension length is more than 25 feet, we recommend that you contact a qualified marine technician.

CAUTION

An over-current protection device (circuit breaker or fuse) must be used. Coast Guard requirements dictate that each ungrounded current-carrying conductor must be protected by a manually reset, trip-free circuit breaker or fuse. The type (voltage and current rating) of the fuse or circuit breaker must be sized accordingly. The table below gives recommended guidelines for circuit breaker sizing.

CONDUCTOR GAUGE AND CIRCUIT BREAKER SIZING TABLE

This conductor and circuit breaker sizing table is only valid for the following assumptions:

1. No more than 2 conductors are bundled together inside of a sheath or conduit outside of engine spaces.
2. Each conductor has 105° C temp rated insulation.
3. No more than 5% voltage drop allowed at full power based on published product power requirements.

Max Amp Draw	Circuit Breaker	Wire Extension Length				
		5 feet	10 feet	15 feet	20 feet	25 feet
30 Amps	30 Amp @ 12 VDC	10 AWG	10 AWG	8 AWG	6 AWG	4 AWG

NOTICE: Wire Extension Length refers to the distance from the batteries to the Talon leads. Maximum Amp Draw values only occur intermittently during select conditions and should not be used as continuous amp load ratings.

Reference

United States Code of Federal Regulations: 33 CFR 183 – Boats and Associated Equipment ABYC E-11: AC and DC Electrical Systems on Boats

SELECTING THE CORRECT BATTERIES



SELECTING THE CORRECT BATTERIES

The Talon will operate with any lead acid, marine 12 volt battery. For best results, Minn Kota recommends connecting to the starting battery. Maintain battery at full charge. Proper care will ensure having battery power when you need it, and will significantly improve the battery life. Failure to recharge lead-acid batteries (within 12-24 hours) is the leading cause of premature battery failure. Use a multi-stage charger to avoid overcharging. We offer a wide selection of chargers to fit your charging needs.

The Talon draws a small amount of residual current from the battery even when not in use. If the Talon will not be used for more than 5 days, the Talon power leads should be disconnected from the battery. Do not connect the Talon to the same batteries that a trolling motor or other accessories are connected to. It is recommended the Talon be connected to the Starting Battery through a battery selector or power disconnect switch. This will disconnect power to the Talon when the Power Switch is "off". If you are not using a battery selector/power disconnect switch, the Talon may be connected directly to the Starting Battery.

WARNING

Never connect the (+) and the (-) terminals of the same battery together. Take care that no metal object can fall onto the battery and short the terminals. This would immediately lead to a short and extreme fire danger.

For proper ABYC compliance, when the factory fuse has been removed, the user must install a 30A fuse within 7" of the positive battery terminal.

NOTICE: The in-line re-settable 30A fuse is designed to protect the system. If this fuse repeatedly trips, faulty wiring could be the cause and must be corrected. If the re-settable fuse itself is suspect, Minn Kota recommends contacting customer service for a proper replacement.

CONNECTING THE BATTERIES

12 Volt Systems

1. If connecting to an optional battery selector/power disconnect switch, turn it to the "off" position prior to connecting the power cable.
2. Connect positive (+) white lead to positive (+) battery terminal, or switch positive.
3. Connect negative (-) black lead to negative (-) battery terminal, or switch negative.

WARNING

Observe proper polarity and follow instructions in your boat owner's manual regarding polarity.

CONNECTING THE BATTERIES



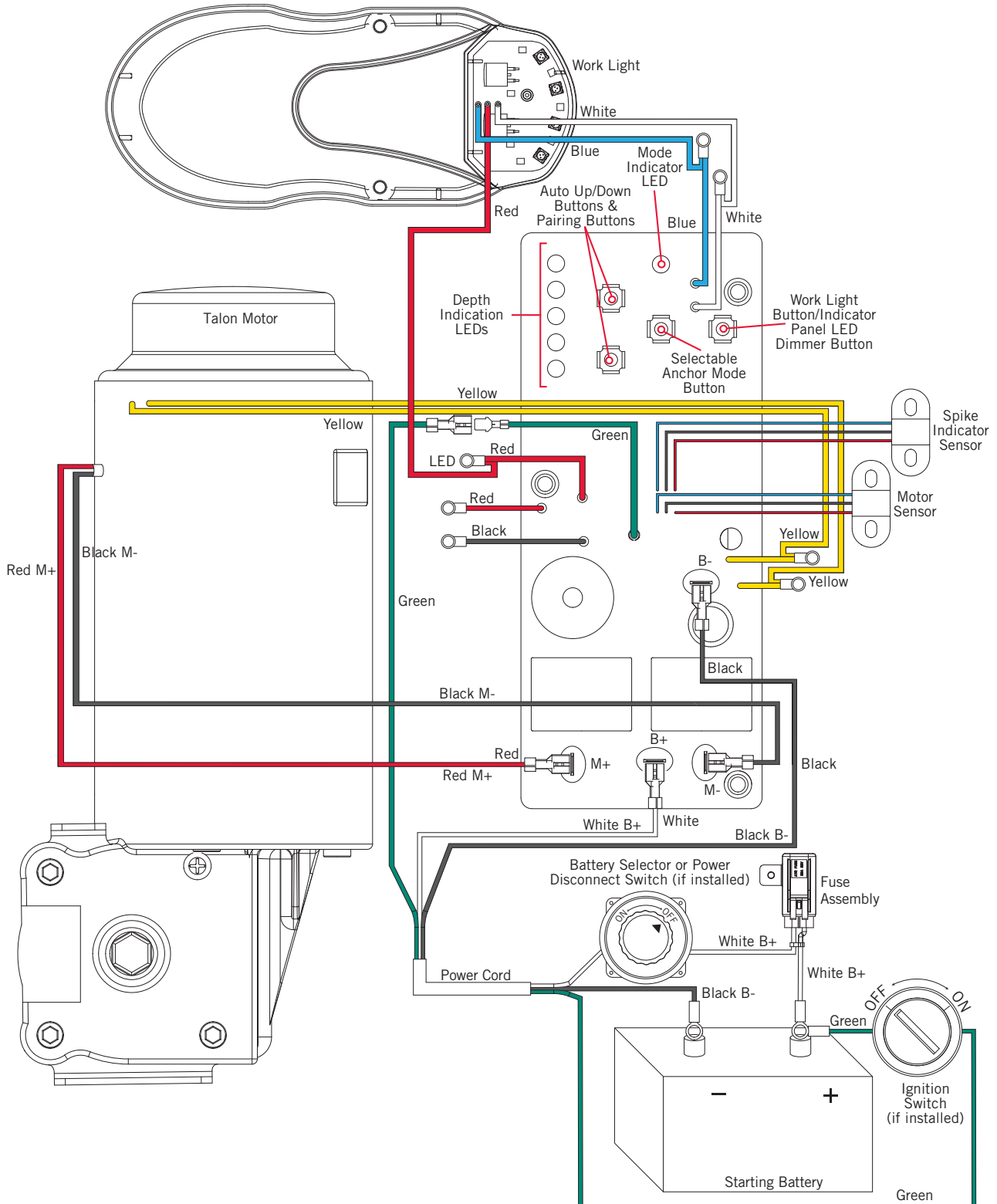
WARNING

- The Talon draws a small amount of residual current from the battery even when not in use. If the Talon is not be used for more than 5 days, or while the battery/batteries are being charged, the Talon power leads should be disconnected from the battery. It is recommended the Talon be connected to the Starting Battery through a battery selector or power disconnect switch. This will disconnect power to the Talon when the Power Switch is "off". If you are not using a battery selector/switch, the Talon may be connected directly to the starting battery.
- Keep lead wire connections tight and solid to the battery or switch terminals.
- The Starting Battery should be located in a ventilated compartment to avoid sparks from combustible materials.

WIRING DIAGRAM

TALON

The following Motor Wiring Diagram applies to all Talon models.



USING THE TALON

TALON FEATURES

Become familiar with the features of the Talon to maximize the capabilities this product offers.

Wave Absorption

With wave absorption, Talon enables your boat to move up or down without affecting the deployed anchor. It uses a built-in floating suspension to keep your boat anchored to the bottom, even in rough water conditions.

3-Stage Anchor

Your Talon Anchor works in 3 stages so you can anchor in deeper depths. The first stage of the anchor is designed with a spike for precision anchoring.

Work Light

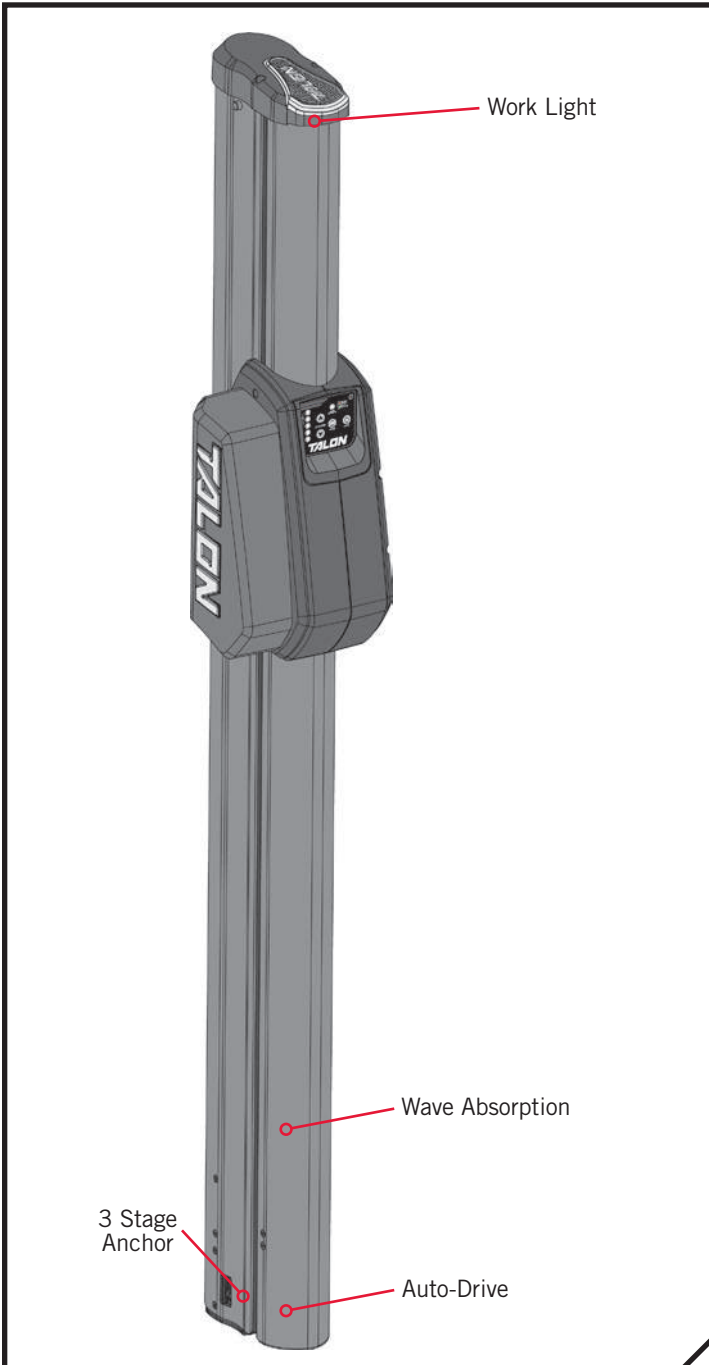
Talon is equipped with a work accessory light. When needed it is an easy to use, hands free light that can be toggled in intensity and color to provide adequate lighting based on your need. The Work Light can be operated from the Indicator Panel and the Remote.

Auto-Drive

In select Modes, Auto-Drive will automatically power the Spike into the bottom with three successive hits, using increasing force on each hit. Talon actually drives the anchor in for you to ensure the anchor is seated. Talon's Auto-Drive stops driving the Spike when the Spike contacts the bottom.



NOTICE: Attempting to retract the Talon before it has completed its automated deployment sequence, will only cancel the deployment sequence in process, and not retract the Talon. You may retract the Talon normally when a deployment sequence has been completed or canceled.



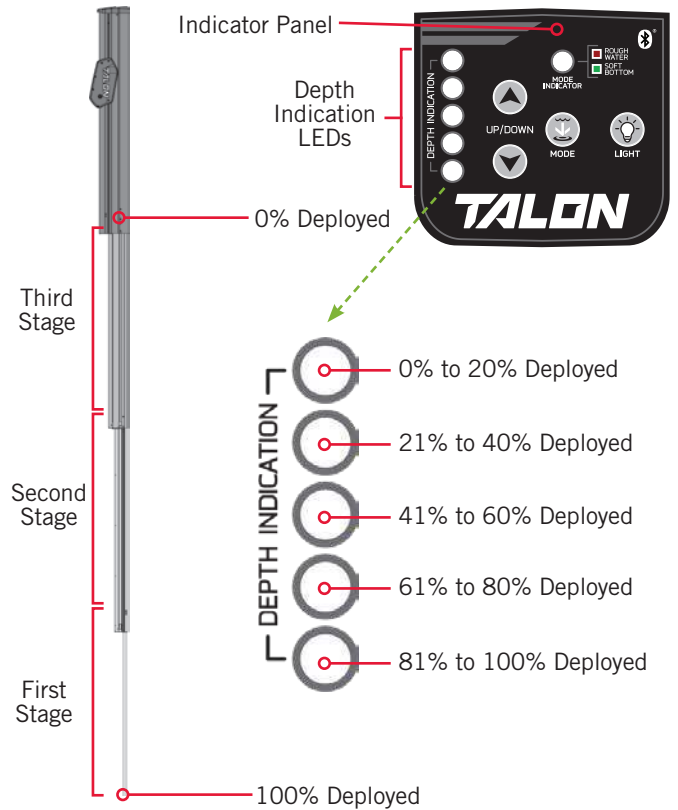
TALON FEATURES

Depth Indication LEDs

The Depth Indication LEDs display the depth that the anchor is deployed in 20% increments. Each Depth Indication LED will flash while moving through its depth percentage, and turn solid when that depth percentage is passed.

The first Depth Indication LED will flash blue as soon as the Talon is deployed. If the anchor stops for any reason while it is in the top 20% of the deployment sequence, the top LED will stay solid. The top Depth Indication LED will always illuminate to a solid color if the Talon is not fully retracted.

The bottom Depth Indication LED will only illuminate solid when the Talon has reached 100% deployment.



Mode Functions

The Talon operates in three different modes. Each Mode is designed for a specific on water scenario and changes the anchoring behavior of the Talon when it deploys. Talon is capable of anchoring in most conditions and it is important to select the right anchoring mode. The three different Mode functions are:

1. **Standard Mode** - Standard Mode is the default anchoring Mode for Talon. When put in Standard Mode, the Mode Indicator LED in the Indicator Panel will toggle between red and green and then turn off. 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.

NOTICE: During calm conditions or on water with muddy or soft sandy bottoms, Soft Bottom Mode will prevent the Talon from over-anchoring.

2. **Soft Bottom Mode** - In Soft Bottom Mode, the Mode Indicator LED will be lit green on the Indicator Panel. In Soft Bottom Mode, the Auto Deploy will operate at a reduced power with a single hit.

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.

3. **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.**

STANDARD MODE



SOFT BOTTOM MODE



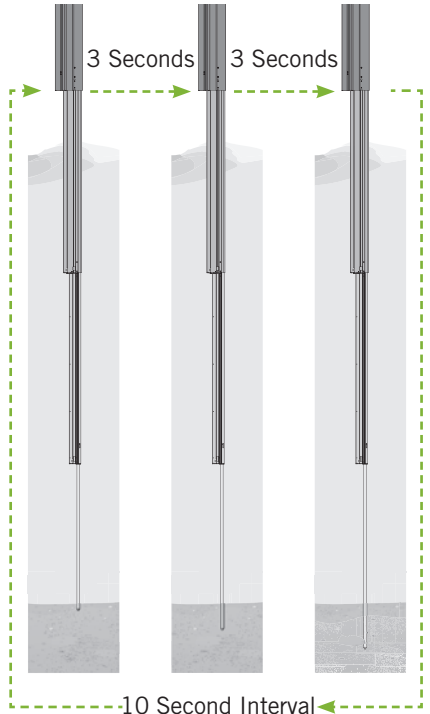
ROUGH WATER MODE



Single Auto-Drive Cycle



Single Hit

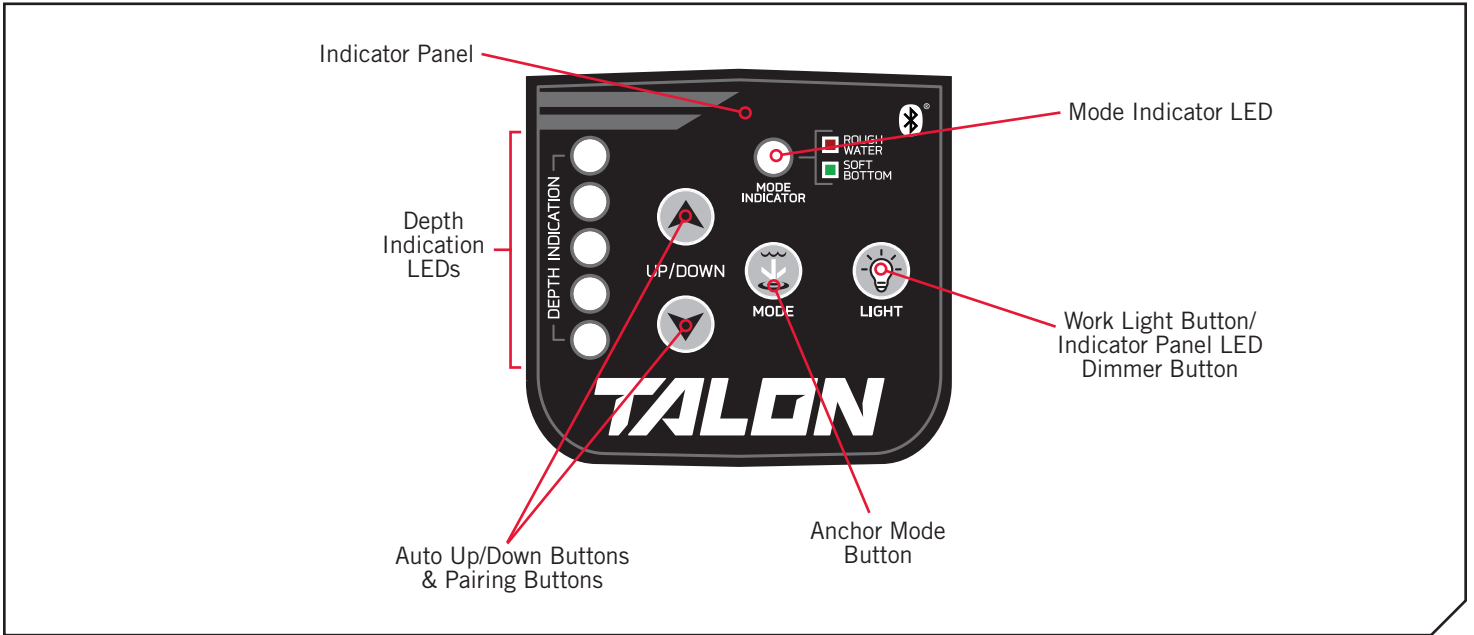


Auto-Drive Cycle Repeated 3 Times

CONTROLLING THE TALON WITH THE INDICATOR PANEL



CONTROLLING THE TALON WITH THE INDICATOR PANEL



Depth Indication LEDs

LEDs that indicate the depth that the Talon is deployed, paused or retracted at. Each LED represents 20% increments.

Auto Up / Down Buttons / Pairing Buttons

Used to deploy, retract or pause the anchor on the Talon. Used to pair the Talon to a variety of remotes and devices, or other Talons via Bluetooth.

Anchor Mode Button

Used to select between Standard Mode, Soft Bottom Mode and Rough Water Mode. Also referred to as the Mode button.

Work Light Button/ Indicator Panel LED Dimmer Button

Used to toggle the Work Light "on" and "off" and switch between the different Work Light colors and intensities. Also used to change the intensities of the Depth Indication LEDs and the Mode Indicator LED on the Indicator Panel. Also referred to as the Light Button.

Mode Indicator

LED is not lit with Standard Mode, is lit green in Soft Bottom Mode and is lit red in Rough Water Mode.

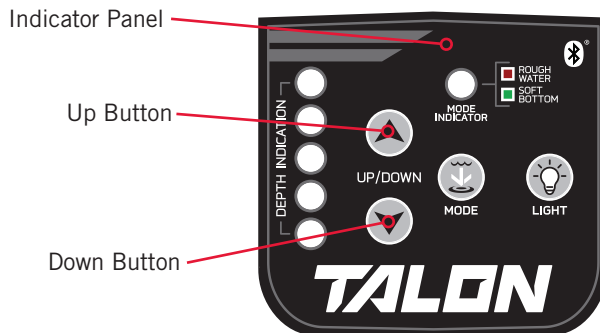
CONTROLLING THE TALON WITH THE INDICATOR PANEL

Deploy the Talon from the Indicator Panel

Use the buttons on the Indicator Panel to deploy the Talon anchor.

- 1
 - a. To deploy the Talon, press the Down ▼ button on the Indicator Panel.
 - b. While the anchor is deploying, the action can be paused on the panel by either pressing the Down ▼ button again, or pressing the Up ▲ button.
 - c. The paused deployment can be resumed by pressing the Down ▼ button again.
 - d. Once the deploying anchor gets to its full length of travel or comes in contact with the bottom, it will go through an anchoring sequence determined by the current Mode and then stop.

NOTICE: When two Talons are paired, to control a Talon individually it must be deployed from its own Indicator Panel.



NOTICE: You do not need to press and hold the button to keep the Talon deploying. The Talon will automatically continue to deploy when the button is pressed until it has reached its full deployment length, received input to stop or completes anchoring.

NOTICE: The Depth Indication LEDs display the depth that the anchor is deployed in 20% increments. Each Depth Indication LED will flash while moving through it's depth percentage, and turn solid when that depth percentage is passed. The first Depth Indication LED will flash blue as soon as the Talon is deployed. If the anchor stops for any reason while it is in the top 20% of the deployment sequence, the top LED will stay solid. The top Depth Indication LED will always illuminate to a solid color if the Talon is not fully retracted. The bottom Depth Indication LED will only illuminate solid when the Talon has reached 100% deployment.

WARNING

Take care that neither you nor other persons approach the Talon too closely, while operating, neither with body parts nor with objects. The Talon is powerful and may endanger or injure you or others. While the Talon is operating, watch out for persons swimming and for floating objects. Persons who lack the ability to run the Talon or whose reactions are impaired by alcohol, drugs, medication, or other substances are not permitted to use this product.

CAUTION

The Talon is equipped with a Deployment Notification Alarm. The Alarm is needed to comply with warranty requirements and when properly installed the alarm will only sound when the ignition key is turned on when the Talon is not fully retracted. Boat control may be affected by a deployed Talon. Take note of the Alarm, and always watch to make sure that the Talon is fully retracted while the boat is operating.

CONTROLLING THE TALON WITH THE INDICATOR PANEL

Retracting the Talon from the Indicator Panel

Use the buttons on the Indicator Panel to retract the Talon anchor.

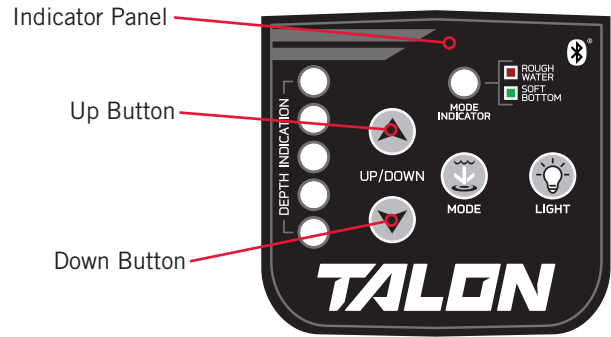
1

- a. To retract the Talon, press the Up ▲ button on the Indicator Panel.
- b. While the anchor is retracting, the action can be paused on the panel by either pressing the Up ▲ button again, or pressing the Down ▼ button.
- c. The paused retraction can be resumed by pressing the Up ▲ button again.
- d. Once the retracting anchor on the Talon gets to its fully retracted state, it will stop. If the Talon is already fully retracted and the Up ▲ button is pressed again, an error tone will sound.

NOTICE: To retract a specific Talon, when two Talons are paired, the anchor of the Talon where the Indicator Panel is pressed will retract.

⚠ CAUTION

Be sure that the Talon is clear of obstructions and persons while retracting. The spaces between the 3 stages of the Talons can create a pinch point. Do not come in contact with the Talon while it is retracting to avoid the pinch point.





NOTICE: You do not need to press and hold the button to keep the anchor retracting. The Talon will automatically continue to retract when the button is pressed until the Talon is either fully retracted or receives input to stop.

NOTICE: The blue LED's on the Indicator Panel are a visual reference relaying the current depth of the Talon anchor. Read the "Using the Talon" section of this manual to learn how the LED display works.

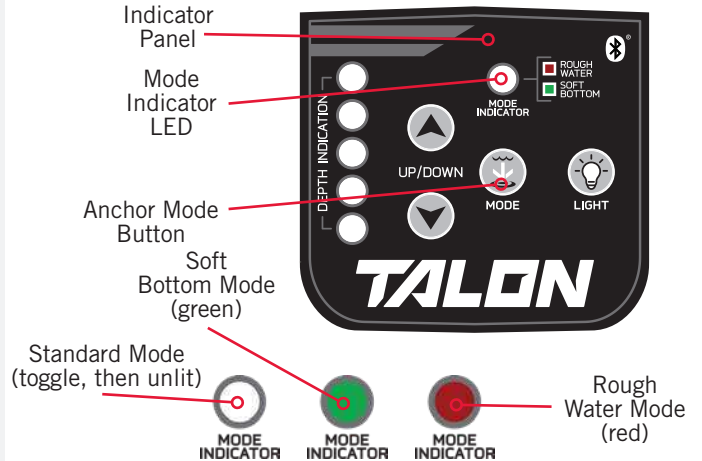
CONTROLLING THE TALON WITH THE INDICATOR PANEL

Toggle the Mode from the Indicator Panel

Toggle the Mode on the Indicator Panel when the water or anchoring conditions change to fit your anchoring needs.



- 1 a. The Mode can be toggled from the Indicator Panel by selecting the Mode  button. The Mode Indicator LED displays the Mode that the Talon is currently set to. Press the Mode  button to toggle to the desired Mode.
- b. When no color is present on the LED, the Talon is in Standard Mode. When the LED is Green, the Talon is in Soft Bottom Mode. When the LED is Red, the Talon is in Rough Water Mode.


NOTICE: When the Talon is paired with a second Talon, pressing the Mode Button on the Talon will toggle the Mode for both Talons. Read the "Using the Talon" section of this manual to learn more about Modes.



Toggle the Work Light "on" and "off" with the Indicator Panel

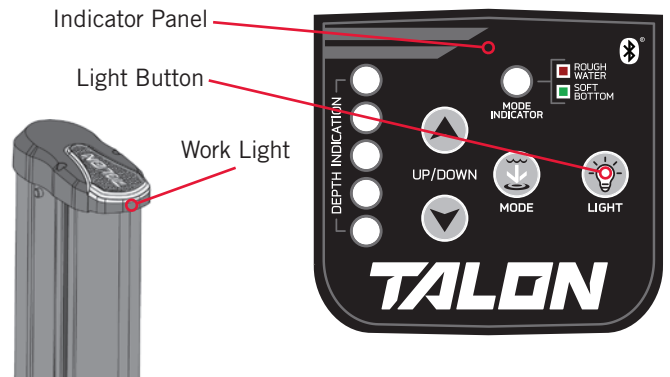
The Work Light is an accessory light at the top of the Talon. When the Work Light is turned "on", the LEDs can be either white or blue.

- 1 a. To Toggle the Work Light "on", press the Light  button on the Indicator Panel. To toggle the Work Light "off" wait 5 seconds and press the Light  button again.

NOTICE: When the Talon is paired with a second Talon, pressing the Light  button on the Talon will toggle the light for both Talons.

WARNING




The Work Light on the Talon is not intended for navigational purposes. The Work Light does not replace or act as a substitute for proper navigation lighting of your vessel. Failure to properly light your boat may cause harm or serious injury.

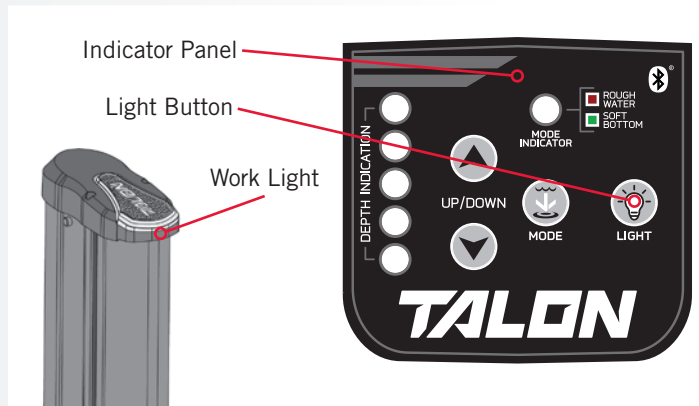


CONTROLLING THE TALON WITH THE INDICATOR PANEL

Toggle the Work Light Color and Intensity on the Indicator Panel




The Work Light on the Talon has a high - medium - low intensity setting of white LEDs and blue LEDs. When the Work Light is turned on, the LEDs will be either white or blue, and then an intensity setting can be selected.


- 1 a. When the Work Light is "off", press the Light  button once on the Indicator Panel to turn the light "on". The light will turn on with the last light intensity and color selection that was used.
- b. If the Light  button is pressed again in less than 5 seconds, the lights will move to the next intensity and/or color. Continue to press the Light  button until the desired light is selected. If more than 5 seconds passes between any button press, the current color and setting will be "saved" to memory, and the Work Light will turn "off" instead of toggling to the next selection.

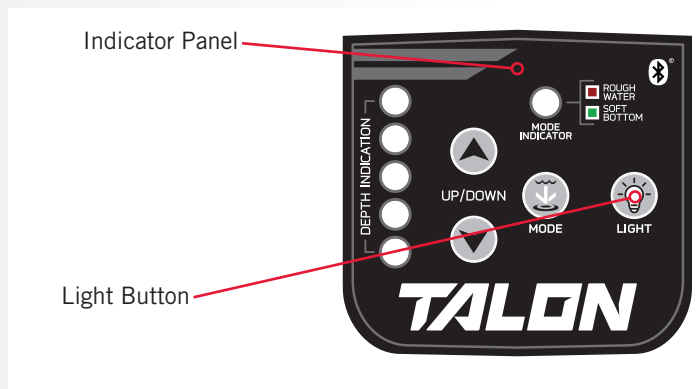


Change the Intensity of the LEDs in the Indicator Panel

The Indicator Panel LEDs, by default, are at the brightest setting. It is possible to change the intensity of the LEDs to meet personal preference or adjust them to fit the ambient lighting conditions. The LED's can toggle between three intensities; high, medium and low.

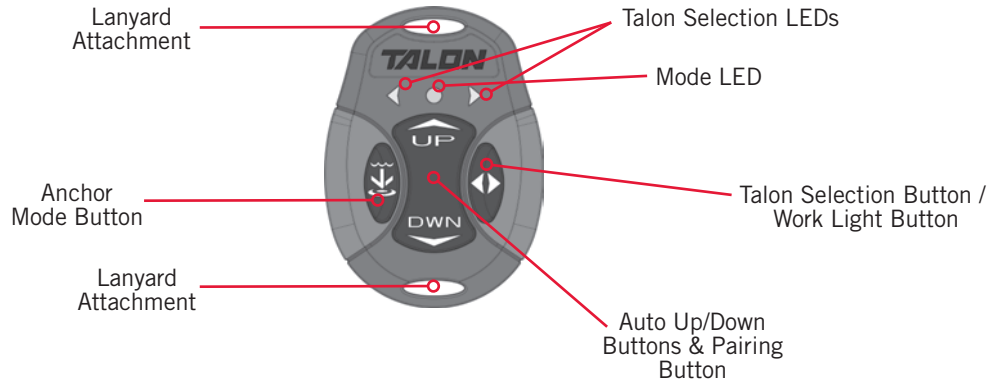
- 1 a. Press and hold the Light  button for 2 seconds.
- b. Continuing to hold the Light  button will cause the Indicator Panel LEDs to begin toggling through 3 different intensities of high, medium, and low. Release the Light  button once you have achieved the desired intensity.

NOTICE: Using the Light  button on the Indicator Panel is the only way to change the intensity of the LEDs in the panel. The LEDs are programmed from the factory to be at the highest intensity by default.



CONTROLLING THE TALON WITH THE REMOTE

CONTROLLING THE TALON WITH THE REMOTE



Anchor Mode Button

Used to select between Standard Mode, Soft Bottom Mode and Rough Water Mode.



Auto Up/Down Buttons & Pairing Buttons

Used to deploy, retract or pause the anchor on the Talon. Also used to pair the Remote to a Talon.



Talon Selection Button / Work Light Button

Used to select the Port, Starboard, or both Talons. Used to toggle the Work Light "on" and "off" and switch between the different Work Light colors and intensities.



Talon Selection LEDs

When 2 Talons are paired in the system, the right LED is lit when the Starboard Talon is selected and the left LED is lit when the Port Talon is selected. Both the right and left arrows are lit when both Talons are selected. When only one Talon is paired, the lights will toggle, but the selection will control the only paired Talon. When a selection is made, the LEDs will stay lit for 1 second and then turn off.



Mode Selection LEDs

The Center LED flashes red and green and then turns off for Standard Mode. The center LED will be lit green for Soft Bottom Mode and lit red for Rough Water Mode. When in Soft Bottom Mode and Rough Water Mode, the LED will stay lit for 1 second and then turn off.

CAUTION

Never leave the boat unattended with the Talon as your only boat anchor. Talon is not intended to provide primary anchorage. This includes operating the remote at a safe distance. It is not recommended to leave the boat while operating the Talon with the remote. Doing so is at the owner's risk. This product does not relieve you from the responsibility of safe operation of your boat.

CONTROLLING THE TALON WITH THE REMOTE

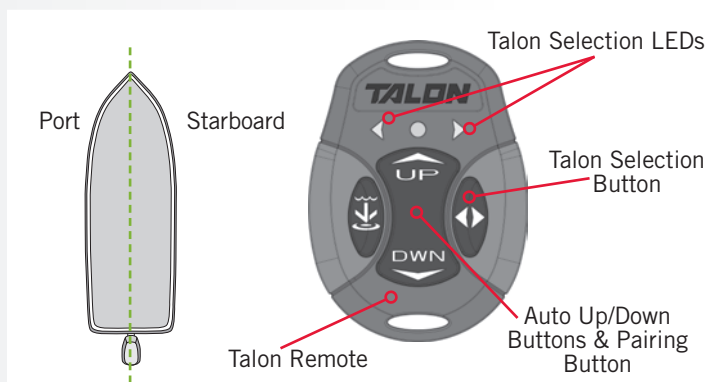
Selecting a Talon to Operate with the Remote

The Talon Selection button toggles the Talon that the remote is controlling, when 2 Talons are installed on the boat. The selection toggles between a Talon mounted on the Port or Starboard side of the boat, or it can control both Talons at the same time. The Talon Selection LED's are lit based on the selection made.

1

- a. To toggle the Talon selected, press the Talon Selection button, repeatedly until the desired Talon is selected.
- b. When the button is pressed, one or both of the Talon Selection LEDs will be lit. If the remote is oriented so the LEDs are facing upward, the arrow on the right will be lit when the Starboard Talon is selected. If the arrow on the left is lit, the Port Talon is selected. If the LED in both arrows is lit, both Talons are selected.

NOTICE: When two Talons are paired to the remote, the anchors may not be in sync when retracting and deploying.







NOTICE: The Talon Remote will always remember the last selection made unless the remote or Talon lose power.

CONTROLLING THE TALON WITH THE REMOTE

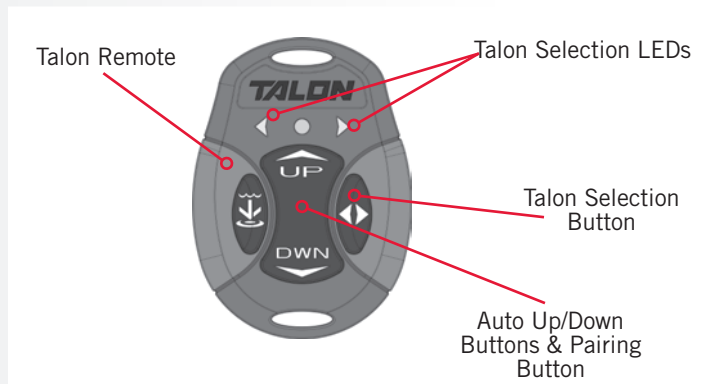
Deploy the Talon from the Remote

Use the buttons on the Remote to deploy the Talon anchor.

1

- a. To deploy the Talon, double press the Down  button on the Remote.
- b. While the anchor is deploying, the action can be paused on the remote by pressing either the Down  button or Up  button again.
- c. The paused deployment can be resumed by double pressing the Down  button again.
- d. Once the deploying anchor gets to its full length of travel or comes in contact with the bottom, it will go through an anchoring sequence determined by the current Mode and then stop.

NOTICE: When two Talons are paired, the anchor of the selected Talon will deploy. The selection can be Port, Starboard, or both.



NOTICE: You do not need to hold the button to keep the Talon deploying. The Talon will automatically continue to deploy when the button is double pressed until it has reached its full deployment, received input to stop or anchors.

NOTICE: The Depth Indication LEDs display the depth that the anchor is deployed in 20% increments. Each Depth Indication LED will flash while moving through it's depth percentage, and turn solid when that depth percentage is passed. The first Depth Indication LED will flash blue as soon as the Talon is deployed. If the anchor stops for any reason while it is in the top 20% of the deployment sequence, the top LED will stay solid. The top Depth Indication LED will always illuminate to a solid color if the Talon is not fully retracted. The bottom Depth Indication LED will only illuminate solid when the Talon has reached 100% deployment.

WARNING






Take care that neither you nor other persons approach the Talon too closely, while operating, neither with body parts nor with objects. The Talon is powerful and may endanger or injure you or others. While the Talon is operating, watch out for persons swimming and for floating objects. Persons who lack the ability to run the Talon or whose reactions are impaired by alcohol, drugs, medication, or other substances are not permitted to use this product.

CAUTION

The Talon is equipped with a Deployment Notification Alarm. The Alarm is needed to comply with warranty requirements and when properly installed the alarm will only sound when the ignition key is turned on when the Talon is not fully retracted. Boat control may be affected by a deployed Talon. Take note of the Alarm, and always watch to make sure that the Talon is fully retracted while the boat is operating.

Retracting the Talon from the Remote

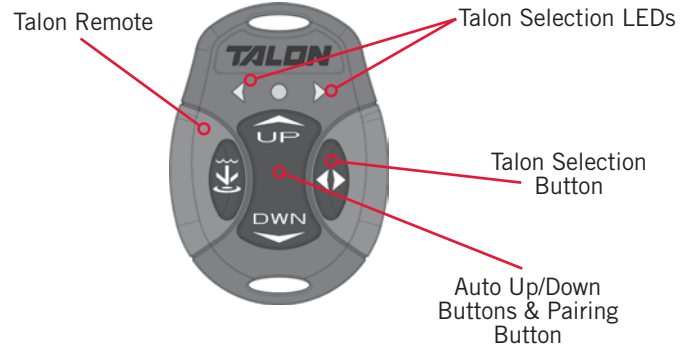
Use the buttons on the Remote to retract the Talon anchor.

- 1
 - a. To retract the Talon, press the Up  button on the Remote.
 - b. While the anchor is retracting, the action can be paused on the remote by pressing either the Up  button or the Down  button.
 - c. The paused retraction can be resumed by pressing the Up  button again.
 - d. Once the retracting anchor on the Talon gets to its full retraction it will stop. If the Talon is already fully retracted and the Up  button is pressed again, an error tone will sound.

NOTICE: When two Talons are paired, the anchor of the Talon selected on the Remote will retract. The selection can be Port, Starboard, or both.

CAUTION

Be sure that the Talon is clear of obstructions and persons while retracting. The spaces between the 3 stages of the Talons can create a pinch point. Do not come in contact with the Talon while it is retracting to avoid the pinch point.






NOTICE: You do not need to press and hold the button to keep the anchor retracting. The Talon will automatically continue to retract when the button is pressed until the Talon is either fully retracted or receives input to stop.

NOTICE: The blue LEDs on the Indicator Panel are a visual reference relaying the current depth of the Talon anchor. Read the "Using the Talon" section of this manual to learn how the LED display works.

Toggle the Mode from the Remote

Toggle the Mode on the Remote when the water or anchoring conditions change to fit your anchoring needs.




- 1
 - a. The Mode can be toggled from the Remote by selecting the Anchor Mode  button. The Mode LED displays the Mode that the Talon is currently set to. Press the Anchor Mode  button to toggle to the desired Mode.
 - b. When the Talon is put in Standard mode, the LED will flash red and green and then turn off. When the LED is Green, the Talon is in Soft Bottom Mode. When the LED is Red, the Talon is in Rough Water Mode.


NOTICE: When the Talon is paired with a second Talon, pressing the Anchor Mode  button on the Talon will toggle the Mode for both Talons. Read the "Using the Talon" section of this manual to learn more about Modes.

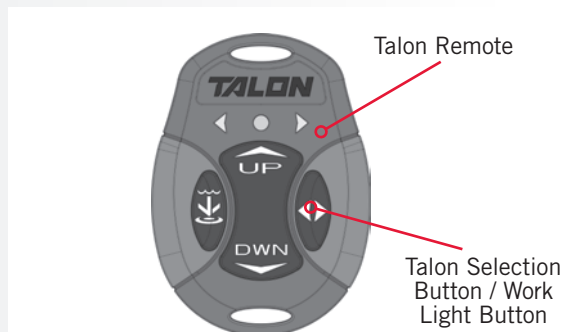


Control the Work Light with the Remote

The Work Light at the top of the Talon can be either white or blue and toggled between high, medium, or low intensities.

- 1
 - a. To Toggle the Work Light "on", press and hold the Talon Selection  button until the Work Light on the top of the Talon turns "on".
 - b. Continue to press the Talon Selection  button on the Remote again before 5 seconds passes until the desired color and intensity is selected.
 - c. To toggle the Work Light "off" press and hold the Talon Selection  button again until the Work Light turns "off".

NOTICE: When the Talon is paired with a second Talon, pressing and holding the Talon Selection  button will toggle the light for both Talons. The six intensities for the Work Light are white high, white medium, white low, blue high, blue medium and blue low.



WARNING

The Work Light on the Talon is not intended for navigational purposes. The Work Light does not replace or act as a substitute for proper navigation lighting of your vessel. Failure to properly light your boat may cause harm or serious injury.

TALON APP

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.

Talon App
Icon on Device



Talon App Home Screen



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.



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.

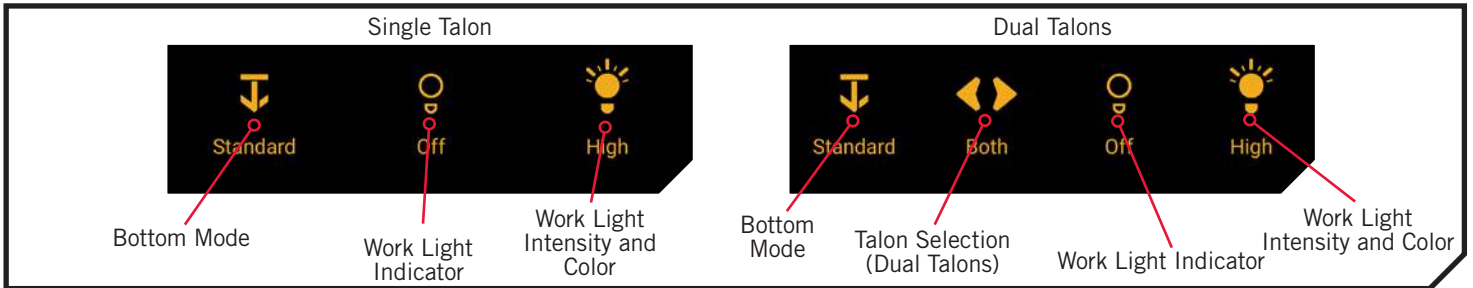
WARNING

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.



FOOTER



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.

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

This option is only seen when the app 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.

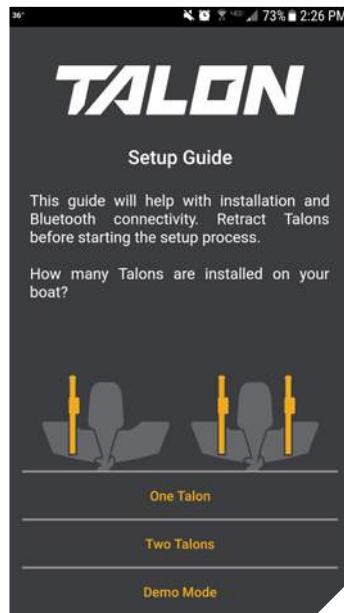
NOTICE: Pressing the Work Light Intensity button will toggle through the light color set in the Menu. From the Menu, the color of the Work Light can be toggled between white and blue. The Work Light Intensity indicator will be yellow when the light is set to white and blue when the light is set to blue.

LAUNCHING THE APP & DEMO MODE

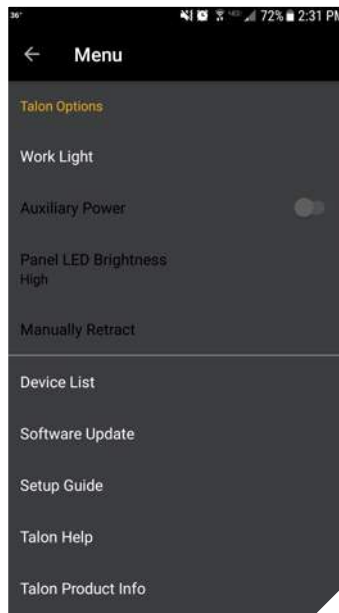
Launching the app when it is not paired with the Talon will allow you to try it in Demo Mode. The first time the app is launched, you must agree with the disclaimer in order to continue. Become familiar with the app screens in order to understand how to operate your Talon with the app.



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 APP

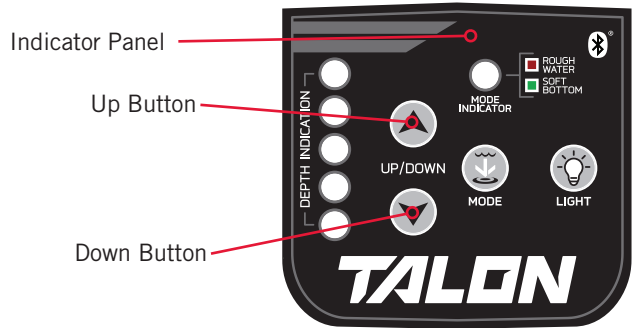
GETTING STARTED

Pairing a Device with a Single Talon

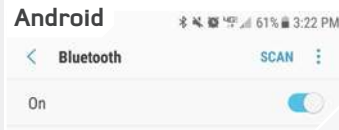
The Talon app can be used to control the Talon using a device that is paired to the Talon with a Bluetooth connection. Before pairing the device with the Talon, the Talon app should first be successfully downloaded. You can confirm that the app was successfully downloaded by opening it on your device.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

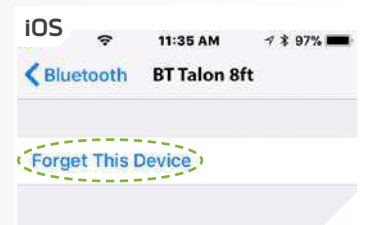
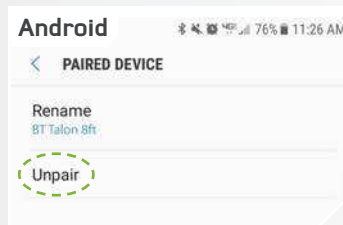
Pairing a Device with Two Talons

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
 - a. Open the Bluetooth settings on the device.
 - b. A list of paired devices will appear. The appearance of the list from an Android to an iOS device will look different.
 - c. 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.
 - d. 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.
 - e. 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.



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.

TALON APP

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.

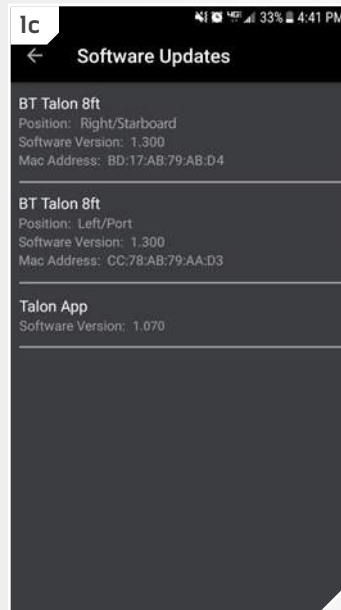
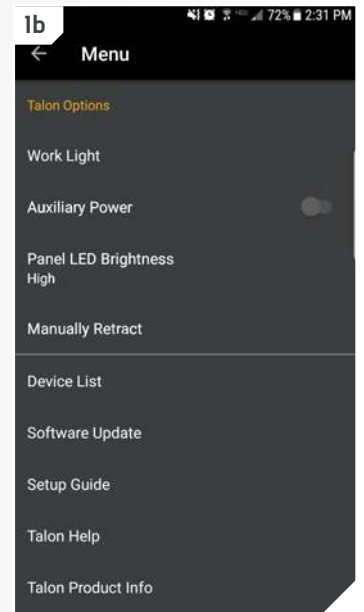
1

- 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.



iOS

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.

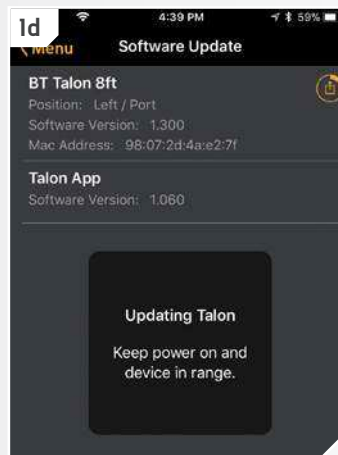
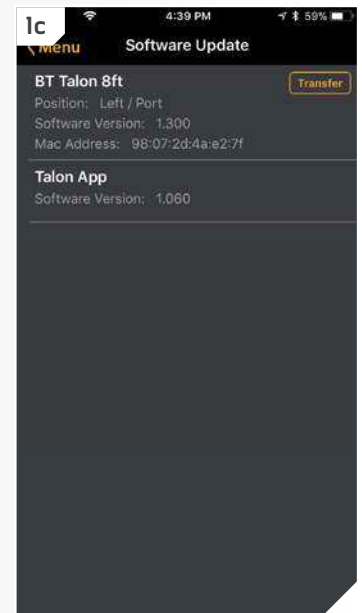
- 1 a. Confirm that the Talon is both paired and communicating with the device. Once confirmed, open the Talon App.

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.

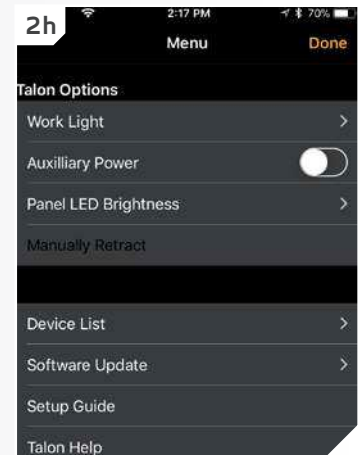
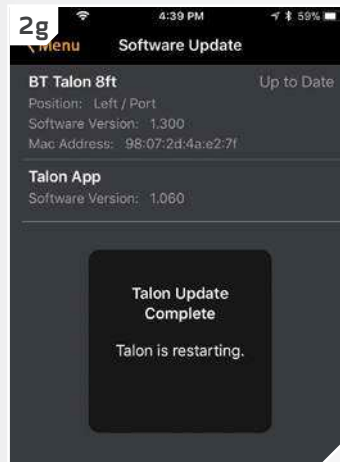
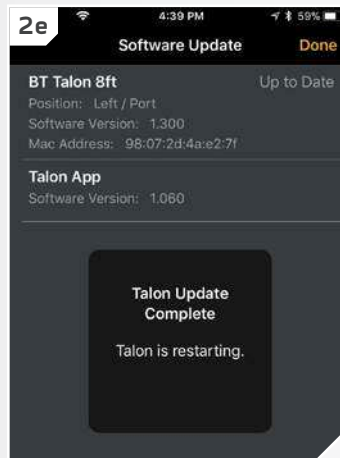


TALON APP

2

- 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.

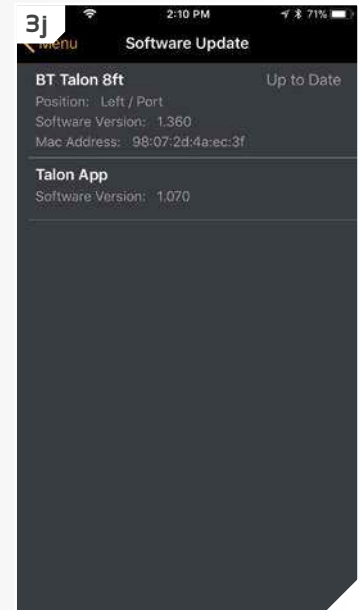


3

- 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.



TALON APP

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.

1

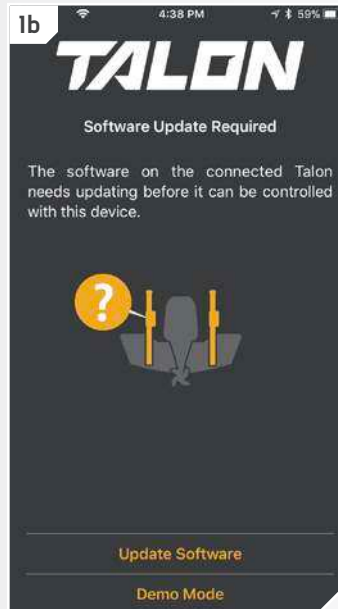
- a. Confirm that the two Talons are paired together. Confirm that one Talon is both paired and communicating with the device. Once confirmed, open the Talon App.

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.

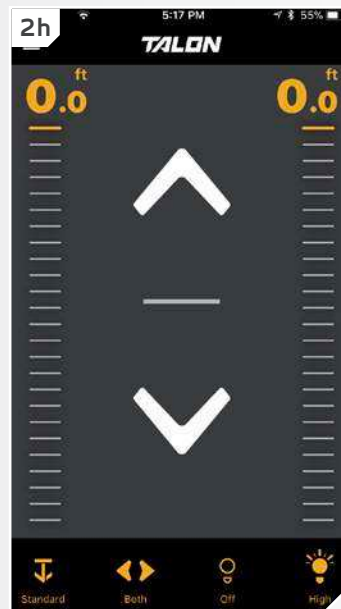
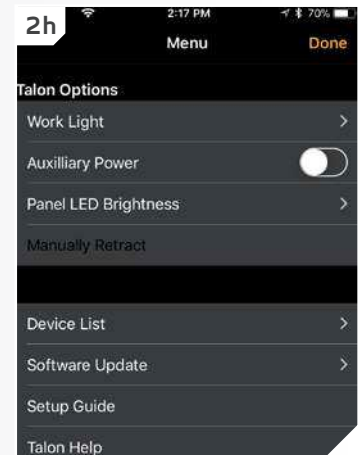
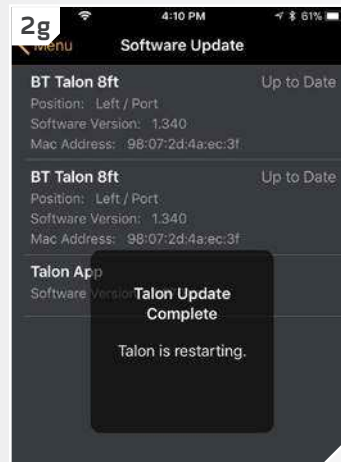
- c. The App will come to a Software Update screen. The software version for each Talon in memory will be shown. If a Talon appears in the list, but the title is in grey, the Talon and the device are currently not communicating. A Transfer button will appear next to each Talon in memory that are not up-to-date and are actively communicating with the device. Select the Transfer Button to update the Talon. Two Talons paired together communicate with each other. If the Transfer Button is selected for one Talon in the pair, the update with transfer to both Talons.
- 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.



2

- 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.



TALON APP

3

- 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.



ANDROID

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.

1

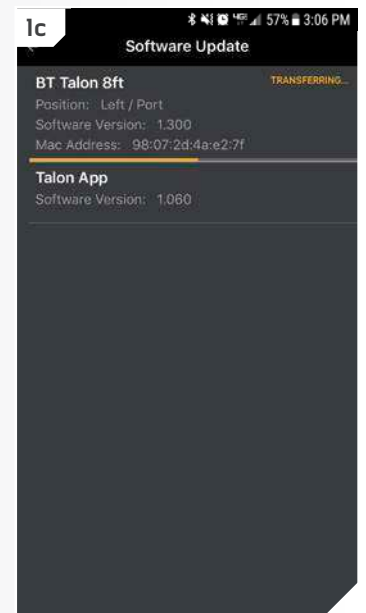
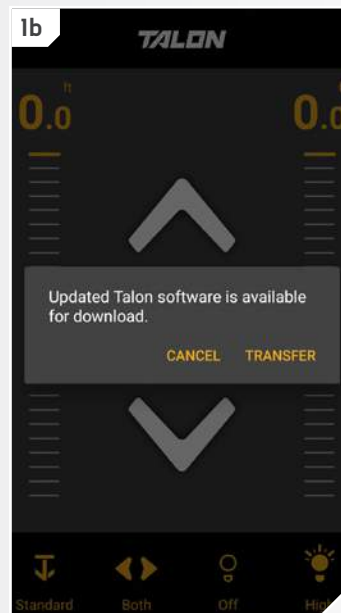
- a. Confirm that the Talon is both paired and communicating with the device. Once confirmed, open the Talon App.

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.

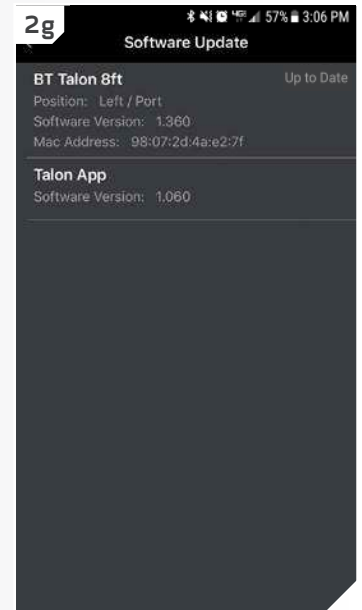
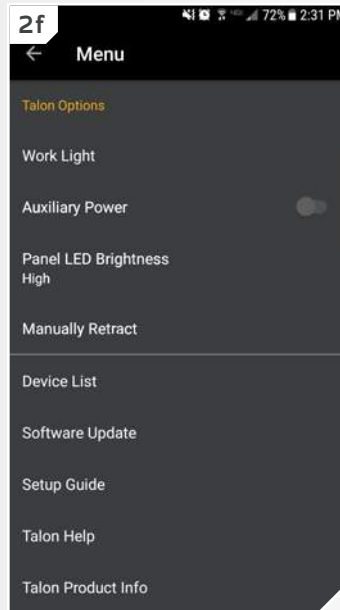
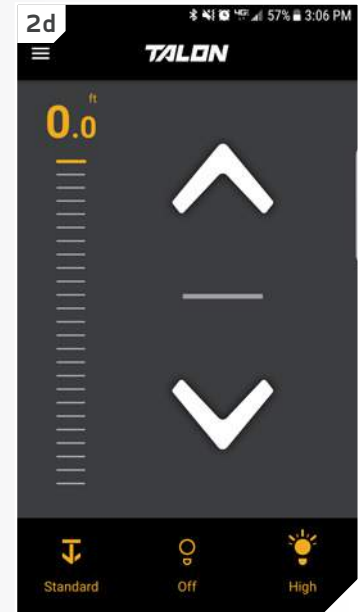
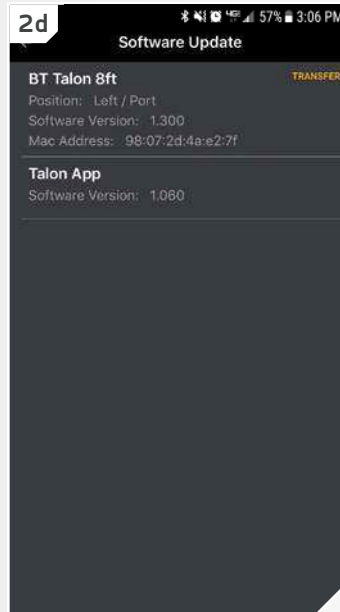
TALON APP

2

- 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.

1

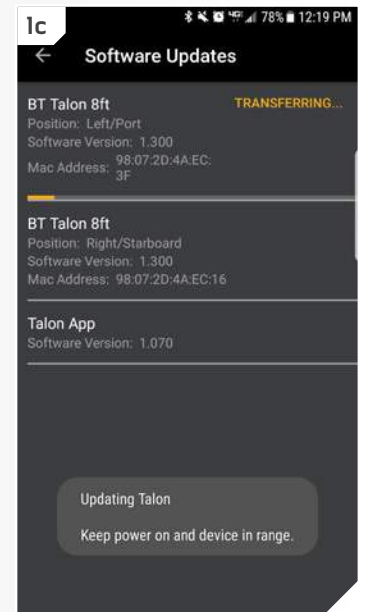
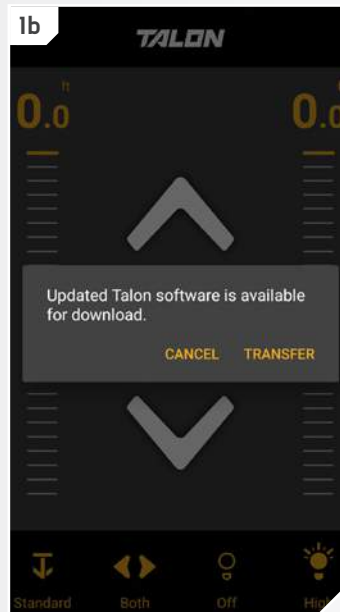
- a. Confirm that both Talons are paired together. Then confirm that the Talon is both paired and communicating with the device. Once confirmed, open the Talon App.

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.

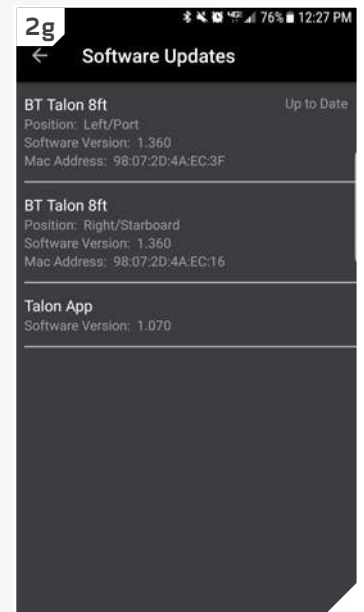
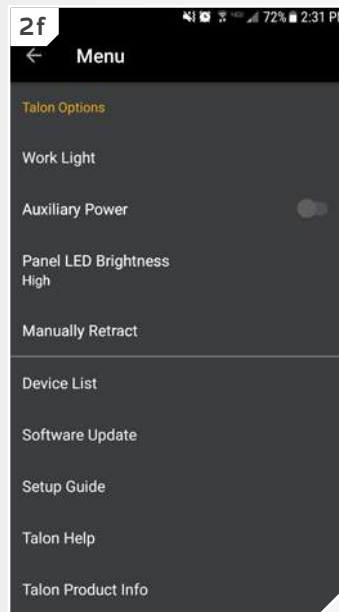
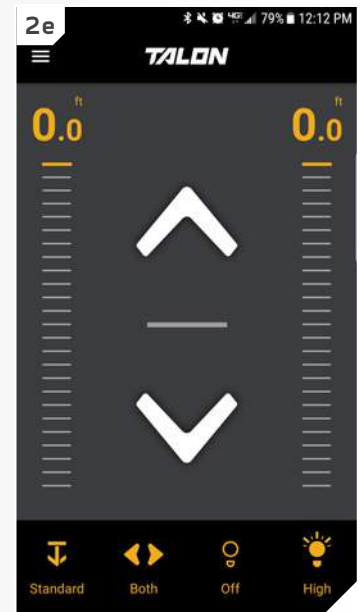
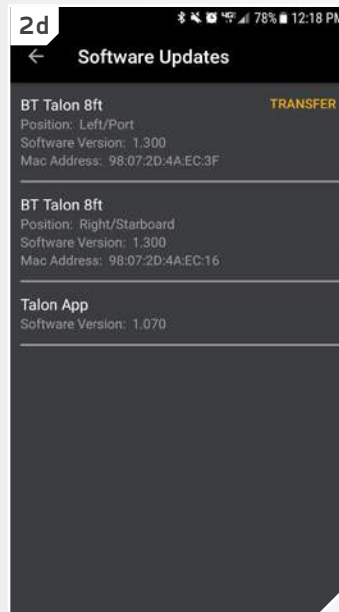
TALON APP

2

- 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.



SERVICE & MAINTENANCE

CAUTION

Before beginning any maintenance work, disconnect the Talon from the battery or if connected to a battery selector switch or power disconnect switch, make sure that it is turned to the "off" position. Failure to disconnect power during maintenance work may result in shock, unexpected operation and/or injury. Minn Kota recommends having the Talon serviced by an qualified marine technician at an Authorized Service Center.

REPLACING THE REMOTE BATTERY

TOOLS AND RESOURCES REQUIRED

- Large Coin

INSTALLATION

1

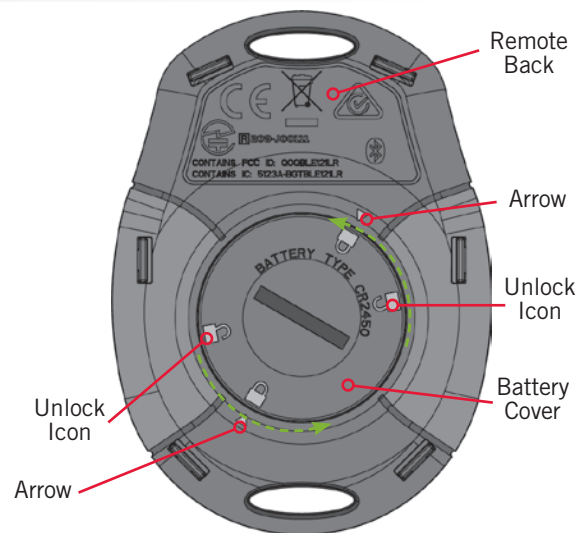
- Make sure your hands are clean, dry and static free. Temporarily ground yourself by touching a grounded metal object in order to discharge any static electricity in your body.

CAUTION

Static electricity can cause damage to the circuit board. Discharge any static electricity by touching a metal object that is grounded before beginning the remote battery replacement.

- With the back of the Remote facing you, use a large coin to rotate the Battery Cover counterclockwise until either of the Unlock Icons align with the Arrow.

1b

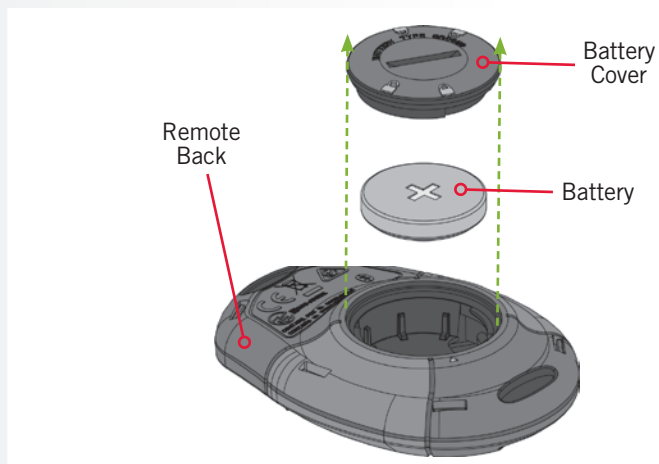


REPLACING THE BATTERY

2

- c. Remove the Battery Cover and old battery and replace with a new CR2450 coin cell battery. Note the proper polarity of the battery.

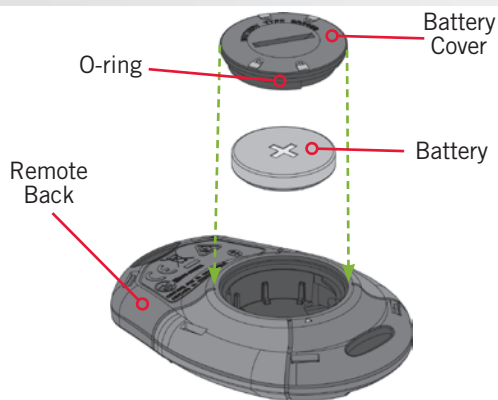
NOTICE: The replacement battery must be a model CR2450 coin cell type. It is strongly recommended that a high quality battery is used. The positive (+) of the battery should be facing towards the Battery Cover.



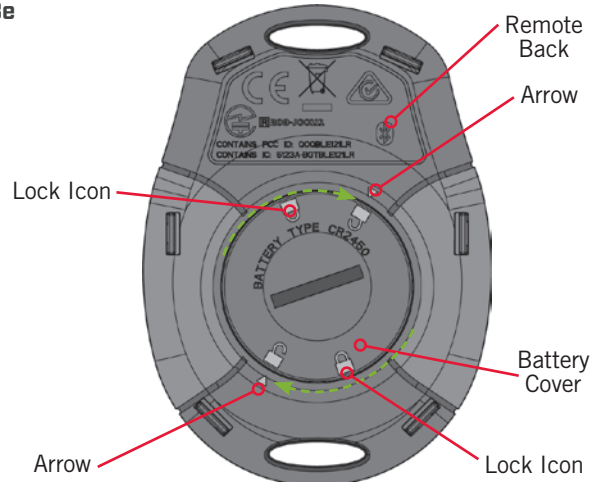
3

- d. Ensure the rubber O-ring is properly seated in the underside of the Battery Cover. Replace battery cover by aligning either of the Unlock icons with the arrow, and pressing the cover down.
- e. Rotate the Battery Cover clockwise using the large coin until the Lock Icon aligns with the Arrow.

3d



3e








PAIRING A REMOTE TO A SINGLE TALON

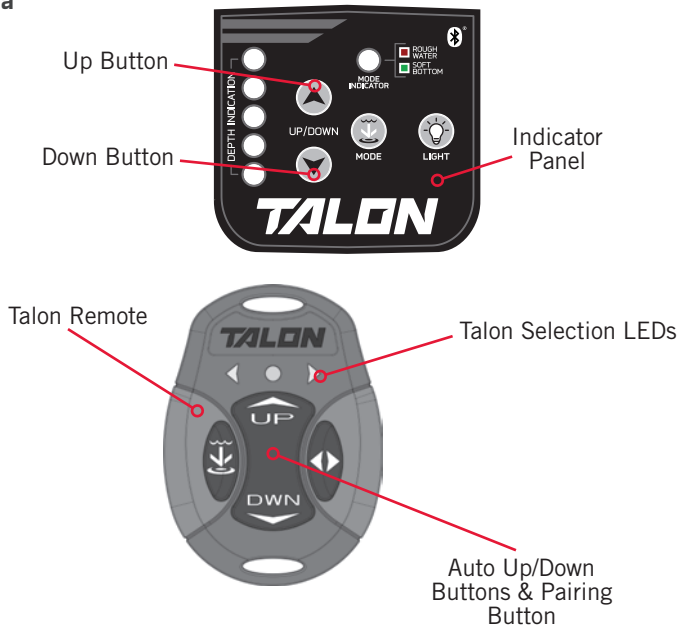
PAIRING A REMOTE TO A SINGLE TALON

Every Talon comes direct from the factory with 2 remotes already paired to the Talon. However, any Talon can be paired with up to 3 devices per Talon.

1

- a. Retract the anchor on the Talon by pressing the Up  button.
- b. Once the Talon is fully retracted, 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. Then release them.
- c. Immediately 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 and Remote will go into Pairing Mode for 20 seconds. If a signal with three fast beeps occurs, the Talon and Remote have successfully paired. If 20 seconds pass while in Pairing Mode and they do not successfully pair, a chirp will sound signaling that the Pairing has timed out.
- d. If the Pair is unsuccessful, repeat the process.

1a






PAIRING TWO TALONS AND PROGRAMMING THE MOUNTING LOCATION

PAIRING TWO TALONS AND PROGRAMMING THE MOUNTING LOCATION

Every Talon comes direct from the factory with 2 remotes already paired to the Talon. However, any Talon can be paired with up to 3 devices per Talon. When a boat has two Bluetooth enabled Talons installed, it is necessary to pair both Talons together, and to program which side of the boat each Talon is installed on. The process below is used to pair the Talons together, and to designate which side of the boat the each Talon is installed on. When the process is complete, all remotes that were paired to an individual Talon will now operate both Talons. If not, please see the "Pairing a remote to two Talons" section of this manual. Adding more than 3 devices per Talon may affect communication within the Bluetooth network.

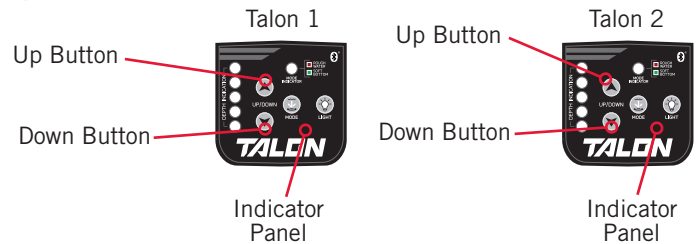
1

- a. Retract the anchor on both Talons by pressing the Up  button on each Talon.
- b. Once both Talons are fully retracted, press and hold the Up  button and the Down  button on the Indicator Panel of one Talon. Once the Depth Indication LEDs on the Indicator Panel begins to flash blue, release the buttons. Immediately follow this step on the second Talon.
- c. Once the buttons are released, the Talons are in Pairing Mode and will search for each other for 20 seconds. If they do not Pair after 20 seconds, an error tone will sound signaling that the Pairing has timed out. If this occurs, double check that the Talons are fully retracted and start the process again.
- d. If the Talons successfully Pair, a confirmation tone with three fast beeps will occur. At this point, the Talons have successfully paired, and now need to be programmed to designate the Port or Starboard locations.

1a




1b

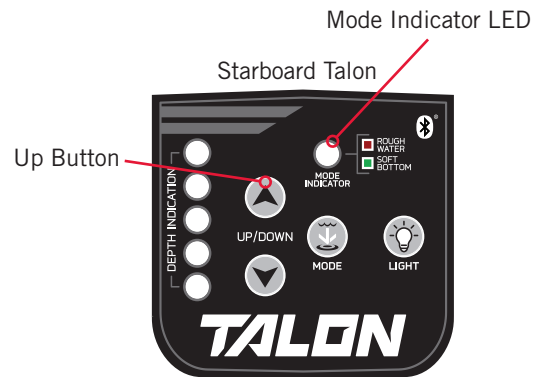


2

NOTICE: This process will automatically begin when two Talons have successfully paired to each other.

- e. The Mode Indicator LED will turn green on both Talons. On the Indicator Panel of the Starboard Talon, press the Up  button. The Talon will accept the selection. The Talon on the Port side will flash red and then the LEDs on both Talons will turn off. Now the Talons are successfully Paired together and know their mounted position.






1e

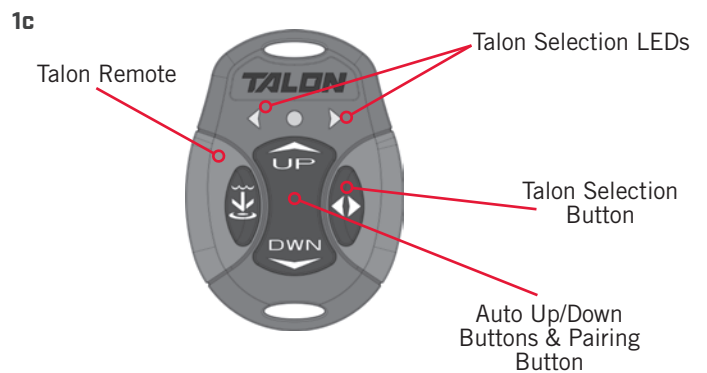
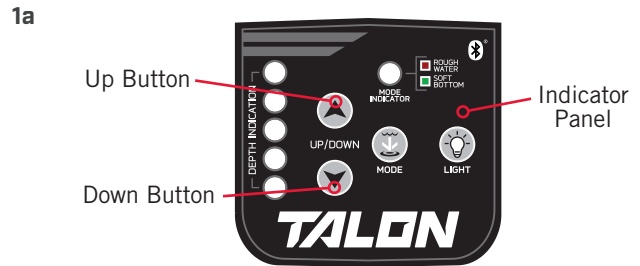


PAIRING A REMOTE TO TWO TALONS

PAIRING A REMOTE TO TWO TALONS


In order to Pair a remote to the Talon, please be sure to first Pair the Talons together. When two Bluetooth Talons are paired together, all remotes that were paired to an individual Talon will operate both Talons. Please see the "Pairing Two Talons and Programming the Mounting Location" section of this manual. If the two Talons are already paired together, a remote can be paired to either Talon. When the pairing process is complete, the remote will be able to control both Talons.

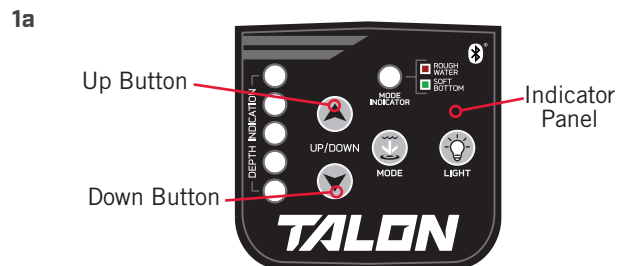
- 1
 - a. Retract the anchor on both Talons by pressing the Up  button.
 - b. Once both Talons are fully retracted, press and hold the Up  button and the Down  button on the Remote at the same time until the Talon Selection LEDs on the Remote begin to scroll. After 2 seconds, release the buttons.
 - c. Immediately press and hold the Up  button and the Down  button simultaneously on the Indicator Panel of one Talon. The Depth Indication LEDs will begin to flash blue on both Talons. Once the LEDs are flashing release the buttons on the Indicator Panel. The Talon and Remote will go into Pairing Mode for 20 seconds.
 - d. If a tone with three fast beeps occurs, the Talon and Remote have successfully paired. If 20 seconds pass while in Pairing Mode and they do not successfully pair, an error tone will sound signaling that the Pairing has timed out.
 - e. If the Pair is unsuccessful, repeat the process.



CLEARING PAIRED REMOTES OR DEVICES FROM THE TALON

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



- 1
 - a. Retract the anchor on the Talon by pressing the Up  button.
 - b. Turn the power to the Talon "off".

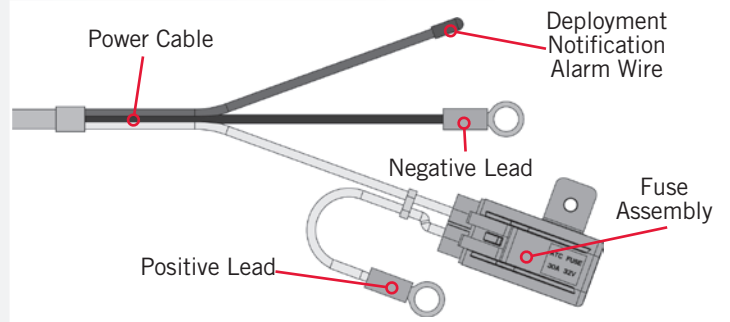


CLEARING PAIRED REMOTES OR DEVICES FROM THE TALON

2

NOTICE: This may require assistance from another person.



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



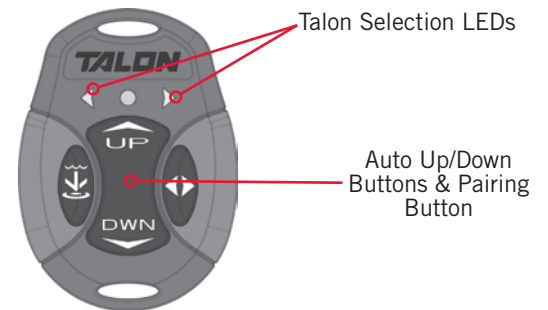
CLEARING PAIRED TALONS FROM THE REMOTE

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.




MANUALLY RETRACT THE TALON

In the event that you ever need to manually retract the Talon, follow the procedure below.

NOTICE: The Talon would need to be in a deployed state when the Manual Retraction Procedure is used.

1

- a. Press and hold the Up  button on the Indicator Panel until you hear 3 successive beeps. This will put the Talon in Manual Retraction Mode.
- b. Remove the Rubber Cap on the Manual Retraction Hex-Drive and use a 7/16" Socket Wrench, to turn the Hex-Drive in a clockwise direction.

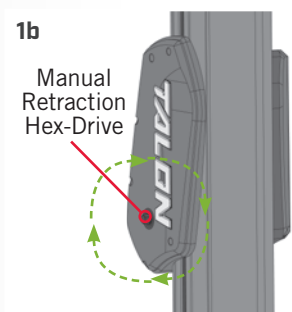
CAUTION

The Talon may become slippery when wet. Be careful not to slip and fall when adjusting the Manual Retraction Hex-Drive.

1a




1b

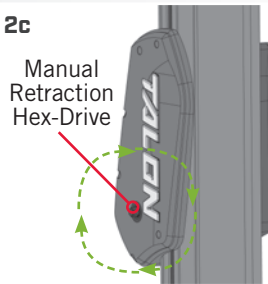


THE RETRACTION NOTIFICATION ALARM

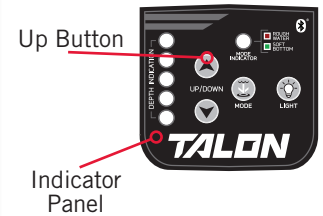
2

- c. Continue to turn the Hex-Drive in a clockwise direction until the Talon is fully retracted. Visually confirm that the Spike is fully retracted.
- d. Once retracted, the Talon must be taken out of Manual Retraction Mode. Manual Retraction mode will time-out after 30 minutes, or press and release the Up  button on the Indicator Panel. Three successive beeps will sound. This tone will confirm that the Talon has exited Manual Mode.

2c



2d



NOTICE: Once the Talon is put into Manual Retraction Mode, it will stay in this mode for 30 minutes.



THE RETRACTION NOTIFICATION ALARM

The Talon is equipped with a Retraction Notification Alarm to protect the lift motor. If the lift capacity of the motor is exceeded or the motor takes more than 10 seconds to retract, the motor will stop and emit a series of three sets of three beeps. This is different from the Deployment Notification Alarm, which will emit a tone each time the ignition key is turned "on" and the anchor is not retracted. The Retraction Notification Alarm sounds when the Talon fails to retract. The most common reasons for the Retraction Notification Alarm sounding are:

1. Because of an extremely soft or muddy bottom and the Spike is deeply buried and cannot retract on its own.
2. There may be an excessive amount of side load on the Spike, generally due to fast moving water currents or wind.
3. Battery Power is low. This may create a retraction time that is greater than 10 seconds.
4. Obstructions on the anchor prevent it from retracting.

If the Retraction Notification alarm is emitted, the following steps should be taken to retract the anchor.

1

- a. Press the Up  button on the Indicator Panel or the Up  button on the Remote. If the Spike does not raise within two attempts:
- b. Loosen the Spike from the bottom by carefully driving the boat back and forth using the main engine power. Then attempt to raise the anchor again. This is especially useful if you are fishing in a soft or muddy bottom structure.
- c. Remove any excessive side loads on the anchor as described above. This generally requires re-backing against the current or the direction of the load and then attempting to retract the anchor again with the side load removed. In the event that the Spike cannot be retracted normally, please refer to the "Manually Retract the Talon" section of this manual.

1a



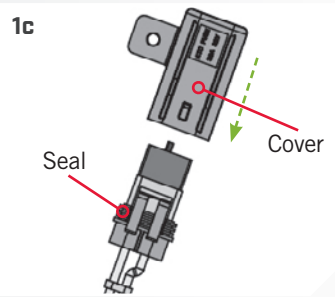
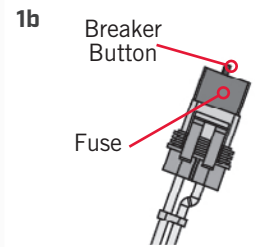
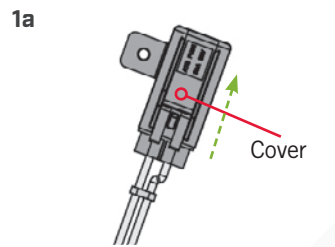
NOTICE: If this is typical for the areas where you fish, Minn Kota strongly recommends using the Soft-Bottom Mode.

RESET THE FUSE

RESET THE FUSE

In the event that you need to reset the factory installed 30 amp Fuse, follow the instruction below. The fuse should be located no more than 7 inches from the Positive Battery terminal on the Positive Lead (+). If an alternate Fuse is installed, please refer to directions by your Fuse manufacturer to correctly reset it.

- 1**
 - a. Remove the protective cover from the Fuse Assembly, exposing the 30 amp Fuse.
 - b. Reset the Fuse by pushing the Breaker Button to engage the Fuse.
 - c. Ensure that the Seal is in place, and replace the protective housing on the Fuse Assembly. Make sure that the Cover snaps together to provide a watertight seal.



REPLACING THE SPIKE

The Spike for your Talon comes with a lifetime guarantee. See the Warranty section of the manual for further details. In order to replace the Spike, you must have enough room to extend the entire First Stage and the beginning of the Second Stage of the Talon. Determine if you have room to replace the Spike in the vertical position. If there is not enough space to replace the Spike in the vertical position, it may be required to remove the Talon from the Mounting Bracket. The Talon Tilt Bracket (1810222) is an accessory available to make this process easier. With this accessory, you don't have to remove the Talon from the mount to replace the Spike as it allows the Talon to be rotated into a horizontal position.

NOTICE: The Talon Tilt Bracket accessory (1810222) is available to make this process easier. With this accessory, you don't have to remove the Talon from the mount to replace the Spike.



TOOLS AND RESOURCES REQUIRED

- Pin Punch 1/8"
- Hammer
- 3/32" Allen Wrench

REPLACE THE SPIKE

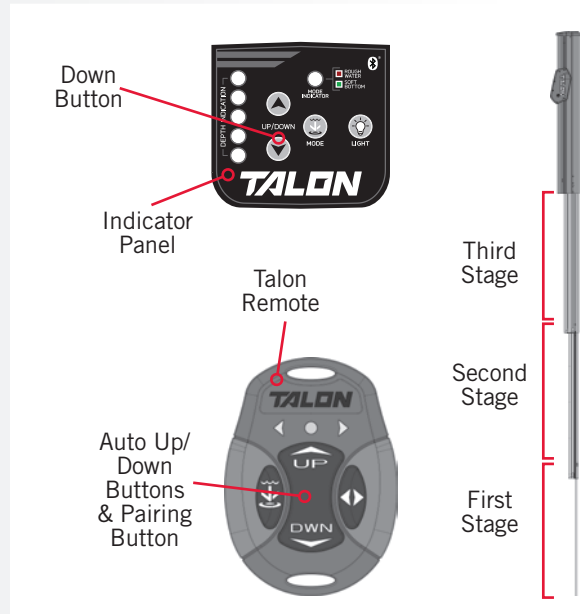
INSTALLATION

1

- Press the Down  button on the Indicator Panel or the Down  button on the Remote to extend the Spike out so that the Second Stage begins to exit the bottom of the Talon. This may require removing the Talon from the Mounting Bracket, and laying it horizontally on a flat surface.
- Once extended, remove the Talon from the Power Source.

CAUTION

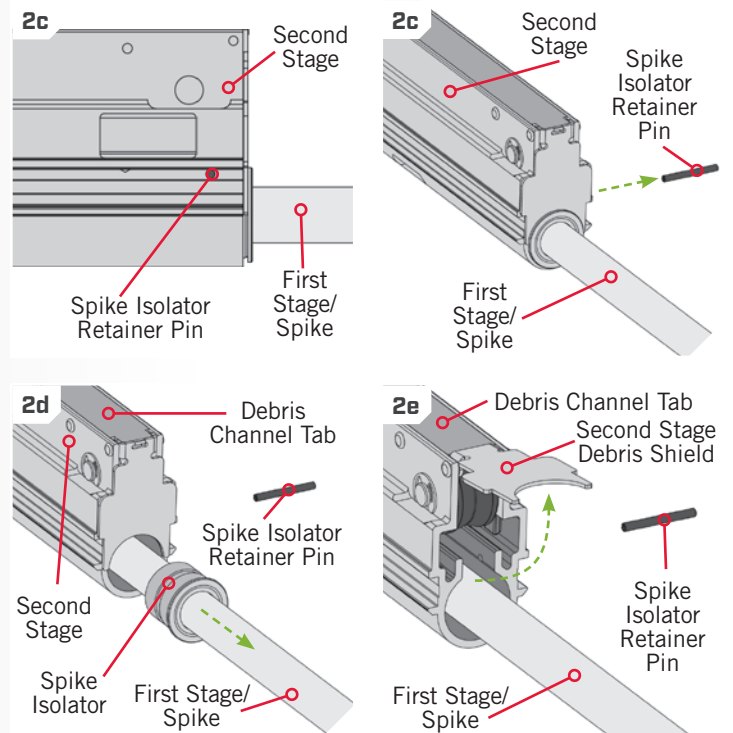
Before beginning any maintenance work, disconnect the Talon from the battery or if connected to a battery selector switch or power disconnect switch, make sure that it is turned to the "off" position. Failure to disconnect power during maintenance work may result in shock, unexpected operation and/or injury.



2

- Locate the Spike Isolator Retainer Pin in the Second Stage of the Talon. Carefully remove the Retainer Pin using a Pin Punch and Hammer.
- Set the Spike Isolator Retainer Pin aside for later use, in reassembly. Slide the Spike Isolator along the Spike, away from the Second Stage.
- Gently pivot the Second Stage Debris Shield up out of the way to access the Spike Retainer Screw. The adjacent plastic Debris Channel Tab will bend slightly, but can be tapped back into place with a small hammer after the Spike is replaced.

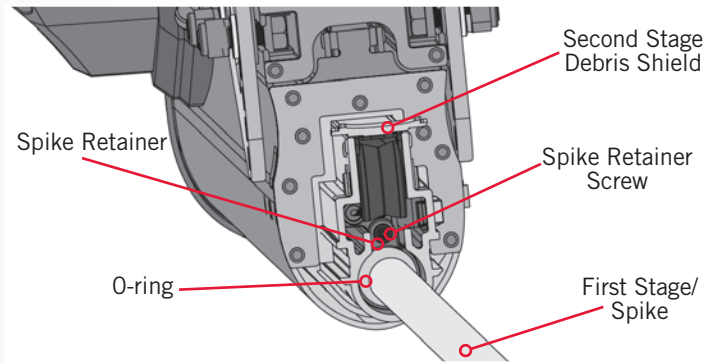
NOTICE: It is normal to experience cosmetic changes in the appearance of the Debris Channel Tab during this procedure.



REPLACE THE SPIKE

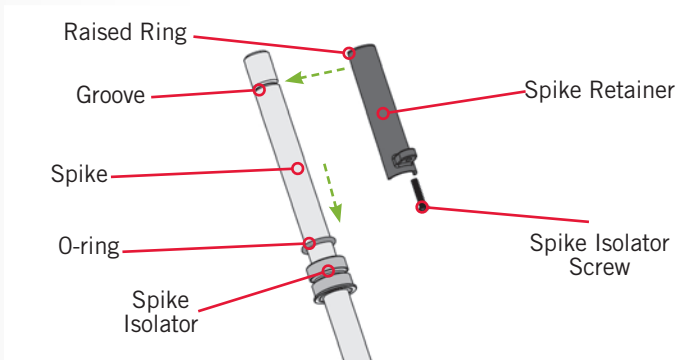
3

- f. Locate the Spike Retainer Screw and remove it using a 3/32" Allen Wrench.
- g. Once removed, the Spike should pull free from the Second Stage along with the Spike Retainer and an O-ring that is in place around the Spike. The Spike Retainer is the piece that the Spike Retainer Screw was just removed from.
- h. Discard the Spike Retainer Screw, Spike, O-ring and Spike Isolator that were just removed. Keep the Spike Retainer for reassembly.



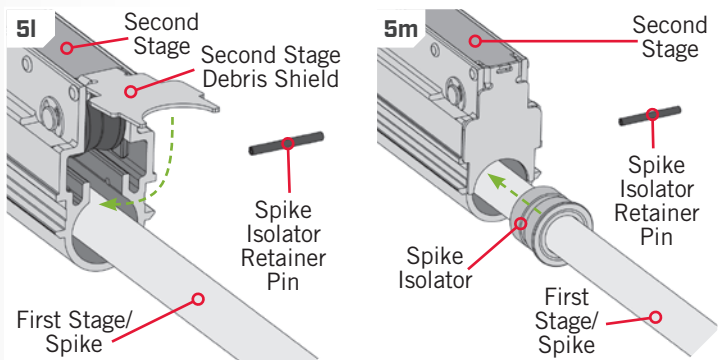
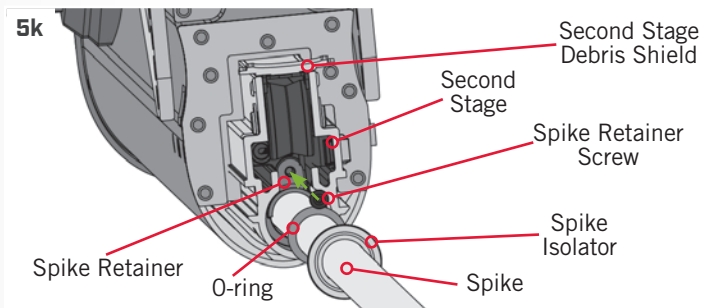
4

- i. Take the new Spike and locate the groove along one end. Slide the new Spike Isolator and then O-ring onto the Spike on the end where the groove is located. Slide them down so they are 5 to 6 inches past the end of the Spike.
- j. Locate the raised ring on the inside curve of the Spike Retainer and align it with the groove at the end of the Spike. Place the Spike Retainer on the Spike so that it is keyed in place by aligning the raised ring and groove.





5

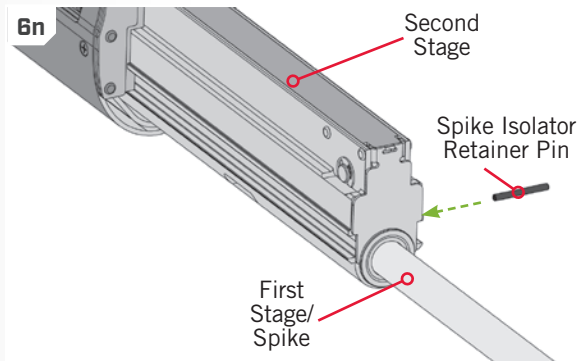
- k. Slide the assembly back into the Second Stage and replace the Spike Retainer Screw in the Spike Retainer using a 3/32" Allen Wrench.
- l. Once the Screw is secure, close the Second Stage Debris Shield.
- m. Push the O-ring and Spike Isolator towards the Second Stage and until they are in position against the Spike Retainer and Second Stage Debris Shield.



REPLACE THE SPIKE

6

- n. Carefully replace the Spike Isolator Retainer Pin, making sure the ends of the pin are recessed on both sides.
- o. If the Talon was removed to replace the Spike, reassemble the Talon into the Mounting Bracket. Reconnect power before using the Talon or retracting the Spike.
- p. Press the Up  button on the Indicator Panel or the Up  button on the Remote to retract the Talon.



GENERAL MAINTENANCE



GENERAL MAINTENANCE



CAUTION

Before beginning any maintenance work, disconnect the Talon from the battery or if connected to a battery selector switch or power disconnect switch, make sure that it is turned to the "off" position. Failure to disconnect power during maintenance work may result in shock, unexpected operation and/or injury. The Talon may be imbalanced and fall during maintenance work. Support the full length of the Talon, including when the Spike is extended, to keep it properly secured and balanced during maintenance work.

Minn Kota recommends as part of your normal routine, to rinse the Talon to minimize any build up on the anchor. Following one of the rinse practices listed below is recommended after every use.

30 Second Deep Water Rinse

(Recommended)

1. Before docking / trailering your boat, enter into water depths that exceed the depth capacity of your Talon in an area free of obstructions.
2. Double click the Down Button  on the remote to auto deploy the Talon to full extension.
3. Place the main engine into gear AT IDLE ONLY.
4. Single click the Up Button  on the remote.

Extended Hose Rinse

1. Lay the Talon down and extend fully.
2. For simplicity, we suggest using a Talon Tilt Bracket accessory (1810222). Otherwise, remove the Talon from the mounting bracket and lay down to extend for rinsing.
3. Rinse the sections of the Talon thoroughly while extended.
4. Retract the Talon, and return it to its upright installed position.

Additional Maintenance

- After the Talon is in use, periodically check the Hex Head Cap Screws and Nylock Nuts on the Mounting Bracket and tighten them to 30 in-lbs.
- Inspect the Talon Power Cable and wires for signs of wear and keep them free and clear from high traffic areas to avoid damage.
- Inspect the Spike after each use to check for wear, damage or fractures. Replace the Spike if damage is present.



TROUBLESHOOTING

1. Why do I want to be able to adjust the Talon up or down when mounting on my boat?
 - Each boat sits differently in the water, and has varying amounts of draft (hull under the waterline). While Minn Kota recommends that the Talon mounting bracket be mounted as high up on the transom as possible, Minn Kota also recommends that the bottom of the Talon be a minimum of 4" up from the bottom line of the hull of your boat. Having this adjustability will minimize any spray that may occur while under way, and offer the greatest amount of stability to the Talon.
2. When do I want to use the reverse angle on the bracket when mounting the Talon?
 - Some boat models have transoms that angle towards the inside of the boat. In these cases, the Talon quick release bracket can be inverted to account for this reversed angle without the hassle of shims.
3. Do I need a separate battery to operate the Talon?
 - No. Minn Kota recommends connecting your Talon to the starting/cranking battery of your boat.
4. Can I install an electrical plug on the Talon lead wires?
 - Yes. Minn Kota offers a quick disconnect plug accessory (1810244) specifically designed for the Talon.
5. How do I determine where and how to mount the Talon?
 - This will vary from one boat to the next. It is important to check for proper steering and trimming clearances when laying out your installation. See the Installation section of this Manual for detailed instructions.
6. Which side of the boat do I want to install the Talon?
 - Minn Kota recommends installing your Talon on the port (left) side of your boat in order to give you the maximum amount of clearance between the boat engine and the control panel of the Talon. However, the Talon can be installed on either side or both sides of the boat.
7. How do I mount the Talon when I have trim tabs?
 - Talon requires a minimum of 6" of clearance from the mounting surface. If further clearance is required, or it is necessary to mount over top of trim tabs, Minn Kota offers a 6" riser accessory and a variety of adapter plates that will give you the proper amount of setback (distance from the transom) to clear trim tabs and/or other accessories.
8. How do I know when I should use a mounting adapter bracket?
 - Some boats have irregular-shaped transoms and the standard Talon quick release mounting bracket cannot be mounted directly to the transom. In other cases there are other accessories such as trim tabs, transducers, poling platforms, etc., that may require additional clearance. Use the Talon Adapter Bracket Selection Guide to select the proper application for your boat.

COMPLIANCE STATEMENTS

ENVIRONMENTAL COMPLIANCE STATEMENT

It is the intention of JOME to be a responsible corporate citizen, operating in compliance with known and applicable environmental regulations, and a good neighbor in the communities where we make or sell our products.

WEEE DIRECTIVE

EU Directive 2002/96/EC “Waste of Electrical and Electronic Equipment Directive (WEEE)” impacts most distributors, sellers, and manufacturers of consumer electronics in the European Union. The WEEE Directive requires the producer of consumer electronics to take responsibility for the management of waste from their products to achieve environmentally responsible disposal during the product life cycle.

WEEE compliance may not be required in your location for electrical & electronic equipment (EEE), nor may it be required for EEE designed and intended as fixed or temporary installation in transportation vehicles such as automobiles, aircraft, and boats. In some European Union member states, these vehicles are considered outside of the scope of the Directive, and EEE for those applications can be considered excluded from the WEEE Directive requirement.

This symbol (WEEE wheelie bin) on product indicates the product must not be disposed of with other household refuse. It must be disposed of and collected for recycling and recovery of waste EEE. Johnson Outdoors Inc. will mark all EEE products in accordance with the WEEE Directive. It is our goal to comply in the collection, treatment, recovery, and environmentally sound disposal of those products; however, these requirements do vary within European Union member states. For more information about where you should dispose of your waste equipment for recycling and recovery and/or your European Union member state requirements, please contact your dealer or distributor from which your product was purchased.



DISPOSAL

Minn Kota Talons are not subject to the disposal regulations EAG-VO (electric devices directive) that implements the WEEE directive. Nevertheless never dispose of your Minn Kota Talon in a garbage bin but at the proper place of collection of your local town council.

Never dispose of battery in a garbage bin. Comply with the disposal directions of the manufacturer or his representative and dispose of them at the proper place of collection of your local town council.

REGULATORY COMPLIANCE INFORMATION

Talon

CONTROLLER : 2374151

- Contains IC: 216Q-1316
- Contains FCC ID: T7V1316



REMOTE : 2994150

- Contains IC: 5123A-BGTBLE121LR
- Contains FCC ID: QOQBLE121LR



COMPLIANCE STATEMENTS



FCC COMPLIANCE

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.
2. This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Johnson Outdoors Marine Electronics, Inc. could void the user's authority to operate this equipment.

NOTICE: 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.

INDUSTRY CANADA COMPLIANCE

This product meets the applicable Industry Canada technical specifications. 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.

Changes or modifications not expressly approved by Johnson Outdoors Marine Electronics, Inc. could void the user's authority to operate this equipment.

ENVIRONMENTAL RATINGS

Ambient operating temperature range: -10C to 50C

Ambient operating humidity range: 5% to 95%

Maximum operating altitude: 10,000 feet

RADIO OPERATION

CONTROLLER

- Frequency band: 2402 MHz to 2480 MHz
- Maximum RF power transmitted: +10 dBm

REMOTE

- Frequency band: 2402 MHz to 2480 MHz
- Maximum RF power transmitted: +10 dBm

TRADEMARKS

Minn Kota®, i-Pilot® and i-Pilot® Link™ are trademarked by or registered trademarks of Johnson Outdoors Marine Electronics, Inc.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Johnson Outdoors Inc is under license. Other trademarks and trade names are those of their respective owners.

PARTS DIAGRAM & PARTS LIST

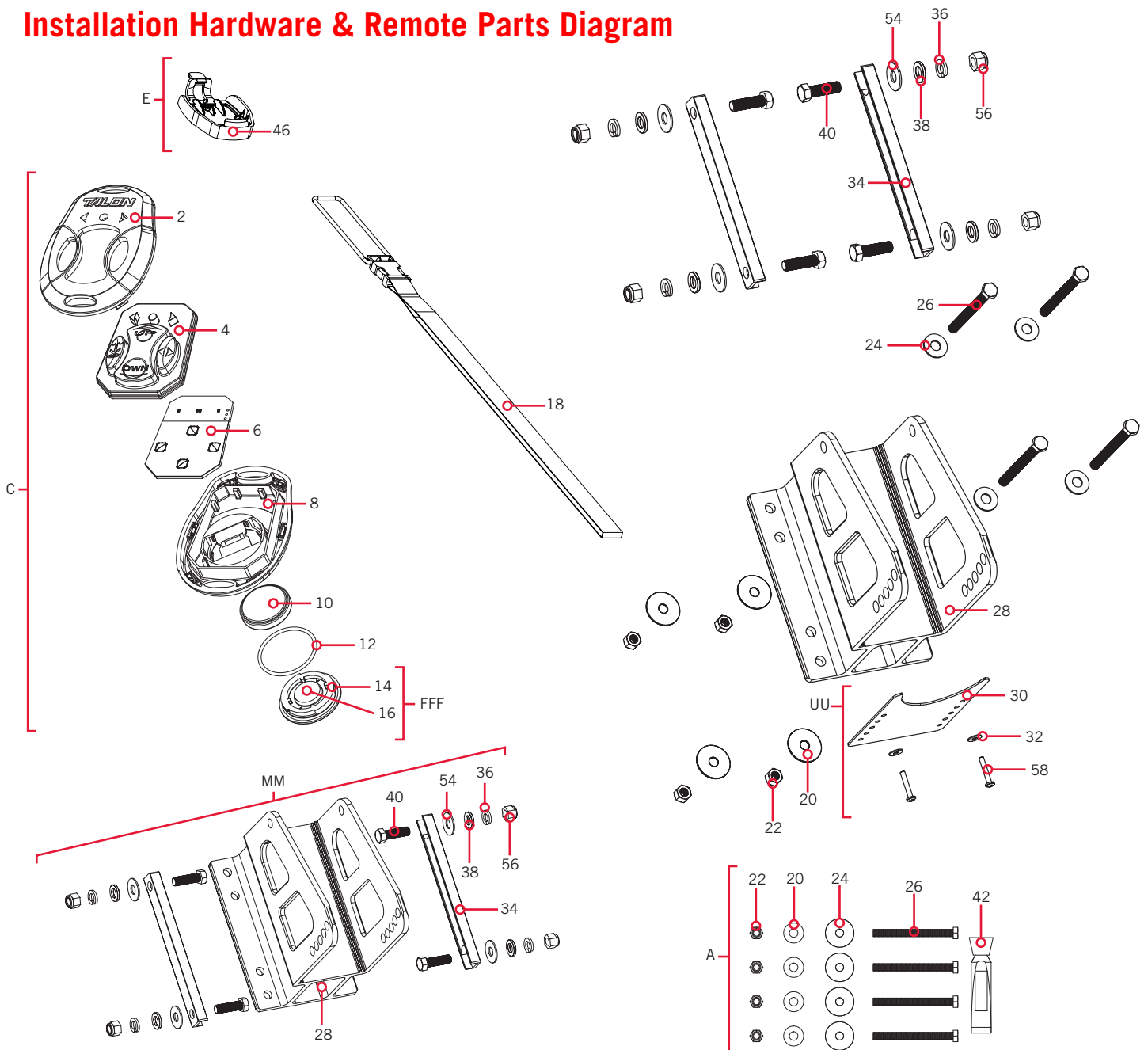
TALON

12 VOLT - 8'/10'/12'/15' TALON

The parts diagram and parts list provides Minn Kota® WEEE compliance disassembly instructions. For more information about where you should dispose of your waste equipment for recycling and recovery and/or your European Union member state requirements, please contact your dealer or distributor from which your product was purchased. Tools required, but not limited to: flat head screwdriver, Phillips screwdriver, socket set, pliers, wire cutters.

TALON INSTALLATION HARDWARE AND REMOTE

Installation Hardware & Remote Parts Diagram



PARTS DIAGRAM & PARTS LIST



Installation Hardware & Remote Parts List

Assembly	Part #	Description	Quantity
A	2994903	TALON HARDWARE BAG ASSY	1
C	2994150	TRANSMITTER ASM, TALON 3	2
E	2771829	BRACKET,DASH MNT HLDR/TAPE KIT	1
MM	2778725	TILT BRACKET & HARDWARE KIT	1
UU	2886447	WATER SHIELD KIT, TALON BT	1
FFF	2886422	COVER, BATTERY COMPARTMENT ASY	1
Item	Part #	Description	Quantity
2	2372542	CASE-REMOTE, TOP, TALON 3	1
4	2375122	KEYPAD-REMOTE, TALON 3	1
6	✖	CTRL BOARD, TRNSMTR, TALON 3	1
8	2372545	CASE-REMOTE, BTM, TALON 3	1
10	✖	BATTERY CR2450	1
12	2376941	GASKET,BATTERY COMPARTMENT	1
14	✖	COVER, BATTERY COMPRT(SUB)	1
16	✖	PAD-FOAM, I-PILOT 1.5	1
18	2390801	LANYARD, REMOTE	1
20	2371752	WASHER-FENDER, 5/16, SS	4
22	2223100	NUT-5/16-18 NYLOCK S/S	4
24	2371749	WASHER-FLAT 5/16 SS	4
26	2373525	BOLT-5/16-18 X 3 1/2" HHCS SS	4
28	2378725	BRACKET-TILT-MACH	1
30	2376447	WATER SHIELD, DEFLECTOR - TALON 2	1
32	2371754	#8 WASHER, 1/2" OD, SS	2
34	2373815	TALON MOUNTING STRAP, T2	2
36	3391706	WASHER, LOCK - 3/8"	4
38	2371758	3/8 HD FLAT WASHER, SS	4
40	2383459	3/8-24 X 1.25 HHCS, SS	4
42	2378608	ANTI SEIZE TUBE, 4CC, TALON	1
44	2014802 ▲	BAG-ZPLCK(4X6)4ML ANTISTATIC	1
46	2371829	BRACKET, RMT DASH MNT HLDR	1
48	2375104 ▲	TAPE, MNTG FOAM ULINE #S-10131	1
50	2377170 ▲	MANUAL, TALON BT	1
52	2377171 ▲	MANUAL, INSTALL GUIDE T3	1
54	2378716	GUARD, EXTRUSION BRACKET	4
56	2373138	3/8-24 NYLOK NUT, SS	4
58	2263434	#8-18 X 1 SS PPH	2
60	2297165 ▲	MANUAL-DISCLAIMER, DWNLOAD INFO	1

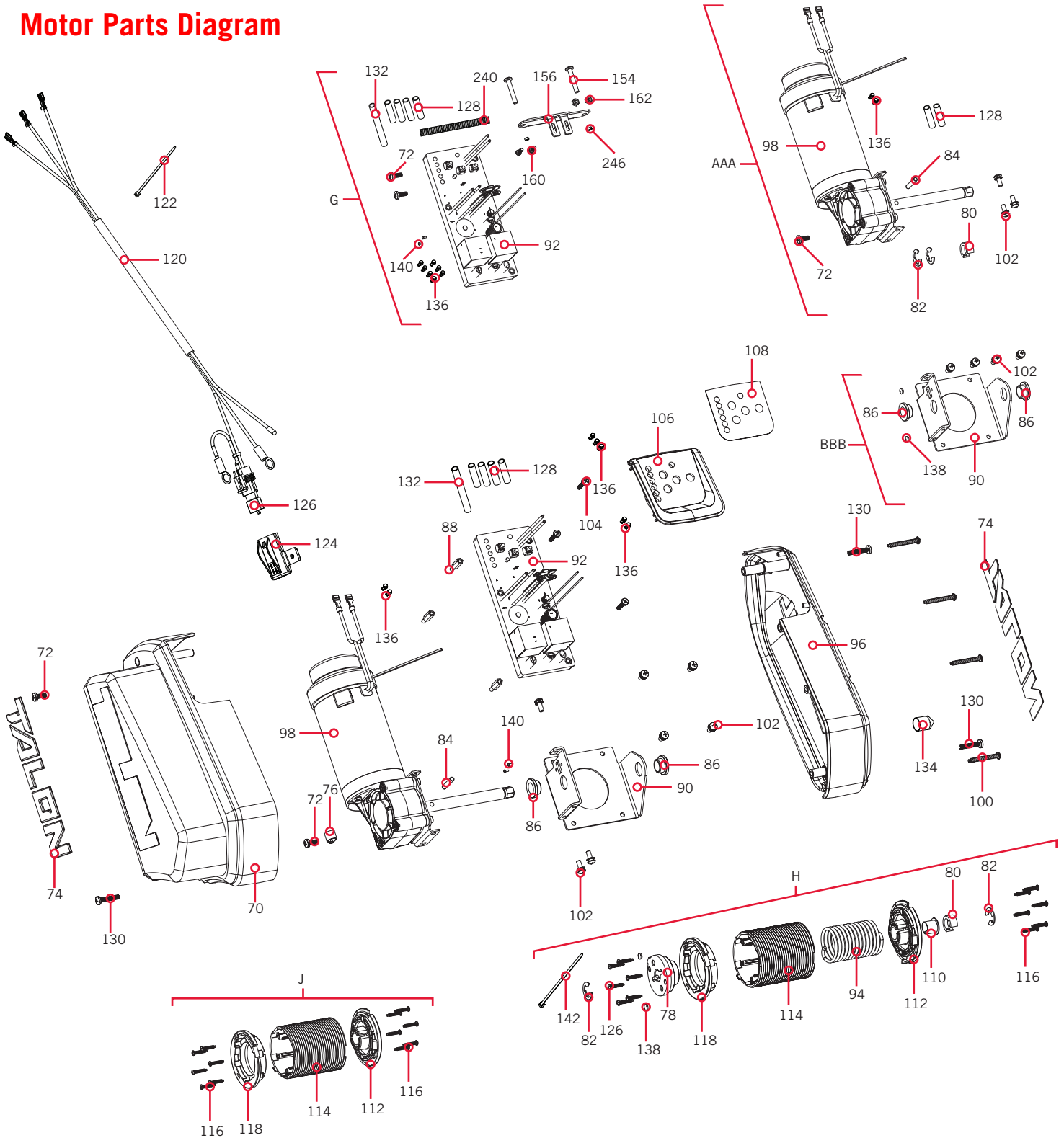
✖ This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

PARTS DIAGRAM & PARTS LIST

TALON MOTOR

Motor Parts Diagram



PARTS DIAGRAM & PARTS LIST



Motor Parts List

Assembly	Part #	Description	Quantity
G	2774151	CONTROL BOARD KIT, TALON BT	1
H	2777921	WRAP DRUM REPLACEMENT KIT BT	1
J	2997921	MODULAR WRAP DRUM ASM - TALON 3 - 15FT	1
AAA	2887822	MOTOR ASM KIT, TALON BT	1
BBB	2888745	MOTOR MOUNT WRAP DRUM KIT	1
Item	Part #	Description	Quantity
70	2376581	HOUSING,LEFT,BLACK,TALON 3 *8FT RED* *8FT BLUE* *8FT BLACK* *8FT SILVER/BLACK* *10FT RED* *10FT BLUE* *10FT BLACK* *10FT SILVER/BLACK* *10FT SILVER/WHITE* *10FT WHITE* *15FT*	1
	2376582	HOUSING,LEFT,WHITE,TALON 3 *8FT SILVER/WHITE* *8FT WHITE* *10FT SILVER/WHITE* *10FT WHITE* *12FT SILVER/WHITE* *12FT WHITE*	1
72	2303434	SCREW-8-32 X 5/8 PPMS SS	2
74	2378871	DECAL, SIDE TALON 3	2
76	2040721	CLAMP CABLE, 3/16"	1
78	2377906	HUB, WRAP DRUM, ALUMINUM	1
80	2371537	WRAP DRUM SPACER	1
82	2373005	E-RING EXTERNAL SS .500	2
84	3392640	PIN, DRIVESHAFT	1
86	2227304	BUSHING-HAT 1/2" SHAFT BRONZE	2
88	2371538	CONTROL BOARD SPACER, T2	3
90	2378745	WRAP DRUM MOUNT, TALON 2	1
92	*	PCB-ASM, TALON 3	1
94	2372749	SPRING TORSION, WRAP DRUM - TALON 3	1
96	2376583	HOUSING,RIGHT,BLACK,TALON 3 *8FT RED* *8FT BLUE* *8FT BLACK* *8FT SILVER/BLACK* *10FT RED* *10FT BLUE* *10FT BLACK* *10FT SILVER/BLACK* *10FT SILVER/WHITE* *10FT WHITE* *15FT*	1
	2376584	HOUSING,RIGHT,WHITE,TALON 3 *8FT SILVER/WHITE* *8FT WHITE* *10FT SILVER/WHITE* *10FT WHITE* *12FT SILVER/WHITE* *12FT WHITE*	1
98	2377824	MOTOR ASM SEALED	1
100	2383457	8-16X1.5 PLASTITE, SS	4
102	2373481	SCREW-#10-32 X 1/2"SEMS PPH SS	7
104	2373487	#8-32 X 3/4", PPH, MACHINE, SS	3
106	2370257	COVER,BEZEL,BLACK, TALON 3 *8FT RED* *8FT BLUE* *8FT BLACK* *8FT SILVER/BLACK* *10FT RED* *10FT BLUE* *10FT BLACK* *10FT SILVER/BLACK* *10FT SILVER/WHITE* *10FT WHITE* *15FT*	1
	2370258	COVER,BEZEL,WHITE, TALON 3 *8FT SILVER/WHITE* *8FT WHITE* *10FT SILVER/WHITE* *10FT WHITE* *12FT SILVER/WHITE* *12FT WHITE*	1
108	2375878	DECAL- BT TALON BEZEL – BLACK *8FT RED* *8FT BLUE* *8FT BLACK* *8FT SILVER/BLACK* *8FT SILVER/WHITE* *10FT RED* *10FT BLUE* *10FT BLACK* *10FT SILVER/BLACK* *10FT SILVER/WHITE* *12FT RED* *12FT BLUE* *12FT BLACK* *12FT SILVER/BLACK* *12FT SILVER/WHITE* *15FT BLACK* *15FT SILVER/BLACK*	1
	2375879	DECAL- BT TALON BEZEL – WHITE *8FT WHITE* *10FT WHITE* *12FT WHITE*	1

* This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

PARTS DIAGRAM & PARTS LIST



Item	Part #	Description	Quantity
110	2376012	BEARING, WRAP DRUM	1
112	✖	FLANGE CLOSED END	1
114	✖	WRAP DRUM MODULAR, TALON 3	1
116	✖	SCREW, #6 X 0.50 SS HI-LOW	12
118	✖	FLANGE, OPEN END	1
120	2778514	POWER CORD	1
122	9950433	TIE WRAP, 4"	1
124	2990279	RESETTABLE FUSE, CAP W LABEL	1
126	2378231	RESETTABLE FUSE	1
128	2305404	SHRINK TUBE-.374 ID X 1.0"	4
130	2383458	8-32X1 PPH, SS	3
132	2305402	SHRINK TUBE-.374 ID X 2.25"	1
134	2376727	CAP PLUG VINYL 1/2"	1
136	2040340	CONNECTOR, SCOTCHLOK, UY2	7
138	✖	MAGNET-.187X.125NCKL PLT	2
140	2373485	SCREW-#6-32X1/4"PPH SS	2
142	✖	TIE WRAP-DH35 11.5"	1

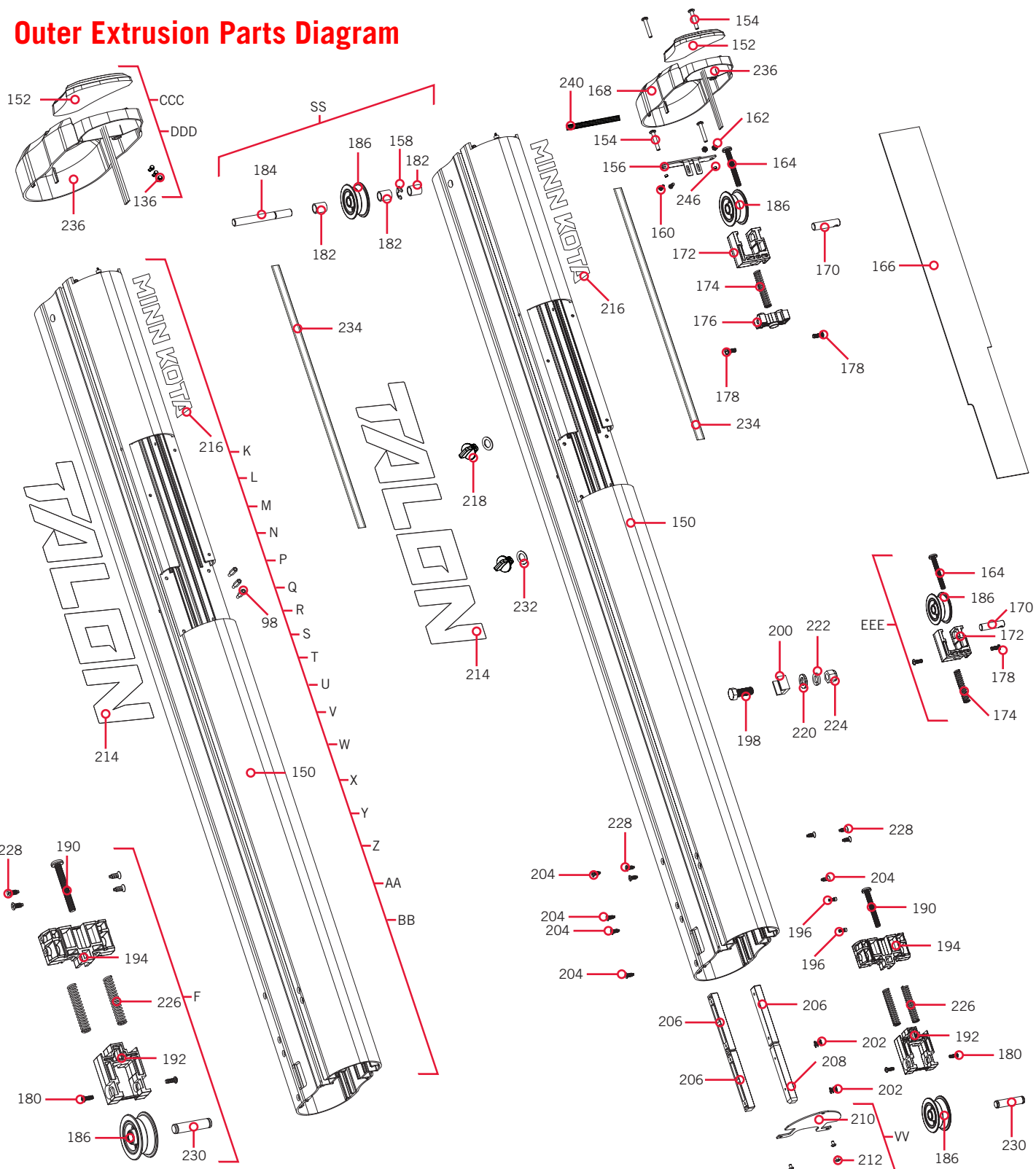
✖ This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

PARTS DIAGRAM & PARTS LIST

TALON OUTER EXTRUSION

Outer Extrusion Parts Diagram



PARTS DIAGRAM & PARTS LIST

Outer Extrusion Parts List

Assembly	Part #	Description	Quantity
F	2273631	EXTENSIONER CABLE TENSIONER KIT	1
K	2777940	EXTRUSION 8' SLVR BT RPLC KIT	1
L	2777941	EXTRUSION 8' BLACK BT RPLC KIT	1
M	2777942	EXTRUSION 8' BLUE BT RPLC KIT	1
N	2777943	EXTRUSION 8' RED BT RPLC KIT	1
P	2777944	EXTRUSION 8' WHITE BT RPLC KIT	1
Q	2777945	EXTRUSION 10' SLVR BT RPLC KIT	1
R	2777946	EXTRUSION 10' BLK BT RPLC KIT	1
S	2777947	EXTRUSION 10' BLUE BT RPLC KIT	1
T	2777948	EXTRUSION 10' RED BT RPLC KIT	1
U	2777949	EXTRUSION 10' WHT BT RPLC KIT	1
V	2777950	EXTRUSION 12' SLVR BT RPLC KIT	1
W	2777951	EXTRUSION 12' SLVR BT RPLC KIT	1
X	2777952	EXTRUSION 12' BLUE BT RPLC KIT	1
Y	2777953	EXTRUSION 12' RED BT RPLC KIT	1
Z	2777954	EXTRUSION 12' WHT BT RPLC KIT	1
AA	2777955	EXTRUSION 15' SLVR BT RPLC KIT	1
BB	2777956	EXTRUSION 15' BLK BT RPLC KIT	1
SS	2882660	UPPER PULLEY KIT, LARGE	1
VV	2886470	WATER GUARD KIT, TALON BT	1
CCC	2994151	TALON BT TOP CAP ASM, WHT	1
DDD	2994152	TALON BT TOP CAP ASM, BLK	1
EEE	2772350	TENSIONER ASSEMBLY KIT	1
Item	Part #	Description	Quantity
150	✘	OUTER EXTRUSION 8' BRIGHT CLEAR *8FT SILVER/BLACK* *8FT SILVER/WHITE*	1
	✘	OUTER EXTRUSION 8' BLACK *8FT BLACK*	1
	✘	OUTER EXTRUSION 8' BLUE *8FT BLUE*	1
	✘	OUTER EXTRUSION 8' RED *8FT RED*	1
	✘	OUTER EXTRUSION 8' WHITE *8FT WHITE*	1
	✘	OUTER EXTRUSION 10' BRIGHT CLEAR *10FT SILVER/BLACK* *10FT SILVER/WHITE*	1
	✘	OUTER EXTRUSION 10' BLACK *10FT BLACK*	1
	✘	OUTER EXTRUSION 10' BLUE *10FT BLUE*	1
	✘	OUTER EXTRUSION 10' RED *10FT RED*	1
	✘	OUTER EXTRUSION 10' WHITE *10FT WHITE*	1
	✘	OUTER EXTRUSION 12' BRIGHT CLEAR *12FT SILVER/BLACK* *12FT SILVER/WHITE*	1
	✘	OUTER EXTRUSION 12' BLACK *12FT BLACK*	1

✘ This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

PARTS DIAGRAM & PARTS LIST



Item	Part #	Description	Quantity
150	*	OUTER EXTRUSION 12' BLUE *12FT BLUE*	1
	2377953	OUTER EXTRUSION 12' RED *12FT RED*	1
	2377954	OUTER EXTRUSION 12' WHITE *12FT WHITE*	1
	2377955	OUTER EXTRUSION 15' BRIGHT CLEAR *15FT SILVER/BLACK*	1
	2377956	OUTER EXTRUSION 15' BLACK *15FT BLACK*	1
152	2378870	DECAL, COVER, TALON 3	1
154	2263434	#8-18 X 1 SS PPH	4
156	2378705	SENSOR BRACKET, TALON2	1
158	2370832	C-CLIP, 3/8 LOW CLEARANCE - SS	1
160	2373439	SCREW-#4-40 X 5/16" PPH SS	2
162	2373106	NUT-#4-40, NYLOK, SS	2
164	*	SCREW, 1/4 -20 X 2.75" PPH, SS	1
166	2378865	CHANNEL DIVIDER, 8' *8 FT*	1
	2378866	CHANNEL DIVIDER, 10'/12' *10FT* *12FT*	1
	2378867	CHANNEL DIVIDER, 15' *15FT*	1
168	2370252	COVER, BLACK, TALON 3 *8FT RED* *8FT BLUE* *8FT BLACK* *8FT SILVER/BLACK* *10FT RED* *10FT BLUE* *10FT BLACK* *10FT SILVER/BLACK* *10FT SILVER/WHITE* *10FT WHITE* *15FT*	1
	2370253	COVER, WHITE, TALON 3 *8FT SILVER/WHITE* *8FT WHITE* *10FT SILVER/WHITE* *10FT WHITE* *12FT SILVER/WHITE* *12FT WHITE*	1
170	*	TENSIONER-PULLEY-PIN	1
172	*	TENSIONER BLOCK	1
174	2372742	SPRING, PISTON	1
176	2373201	TENSIONER STOP	1
178	*	#8-16 X 3/4 PLASTITE SCREW, SS	2
180	*	SCREW-1/4-20 X 1/2" MCH SS	2
182	2371765	PULLEY SPACER, SHORT	3
184	2372660	PIN, PULLEY-LONG, TALON2	1
186	*	LG IDLER PULLEY W BUSHING	3
190	*	SCREW-1/4-20 X 2" PPH SS/REI	1
192	*	SLIDE-EXTENSION TENSIONER	1
194	*	STOP-EXTENSION TENSIONER	1
196	2383468	SCREW, #4-40 X 5-16" SHCS SS	2
198	2373529	3/8-24 X 1" HHCS, SS	1
200	2372850	TALON STOP BOLT EXTRUSION MACHINED	1
202	2372740	SPRING, GIB TENSION	2
204	2383461	SCREW 8-18 X .437 HI-LO PFH	6
206	2372820	SLIDE GIB-LOWER	3
208	2372827	SLIDE GIB-UPPER FLOATING	1

* This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

PARTS DIAGRAM & PARTS LIST

Item	Part #	Description	Quantity
210	2376470	DEBRIS SHIELD, BASE	1
212	2378601	STAINLESS POP RIVET, 1/8"	3
214	2376833	DECAL, BT TALON LOGO *8FT RED* *8FT BLUE* *8FT BLACK* *8FT SILVER/BLACK* *8FT SILVER/WHITE* *10FT RED* *10FT BLUE* *10FT BLACK* *10FT SILVER/BLACK* *10FT SILVER/WHITE* *12FT RED* *12FT BLUE* *12FT BLACK* *12FT SILVER/BLACK* *12FT SILVER/WHITE* *15FT BLACK* *15FT SILVER/BLACK*	1
	2376834	DECAL, BT TALON LOGO-WHITE *8FT WHITE* *10FT WHITE* *12FT WHITE*	1
216	2376835	DECAL, BT TALON 8 MK *8FT RED* *8FT BLUE* *8FT BLACK* *8FT SILVER/BLACK* *8FT SILVER/WHITE*	1
	2376836	DECAL, BT TALON 8 MK-WHITE *8FT WHITE*	1
	2376837	DECAL, BT TALON 10/12 MK *10FT RED* *10FT BLUE* *10FT BLACK* *10FT SILVER/BLACK* *10FT SILVER/WHITE* *12FT RED* *12FT BLUE* *12FT BLACK* *12FT SILVER/BLACK* *12FT SILVER/WHITE*	1
	2376838	DECAL, BT TALON 10/12 MK-WH *10FT WHITE* *12FT WHITE*	1
	2376839	DECAL, BT TALON 15 MK *15FT BLACK* *15FT SILVER/BLACK*	1
218	2372930	CORD RETAINER	2
220	2371758	3/8 HD FLAT WASHER, SS	1
222	3391706	WASHER LOCK - 3/8"	1
224	2373138	3/8-24 NYLOK NUT, SS	1
226	✖	SPRING, PISTON	2
228	2383474	SCREW-#8-16 X 1/2",PFH,SS,PLST	4
230	✖	PIN-EXTENSION TENSIONER	1
232	2371723	WASHER, POLYURETHANE 3/8"	2
234	2378758	CHANNEL COVER, 15'	2
	2378757	CHANNEL COVER, 11/12'	2
	2378756	CHANNEL COVER, 8'	2
236	✖	CTRL BOARD ASM, LED, TALON 3	1
238	2375559 ▲	LABEL, TALON BRKT TORQUE WARN.	1
240	2298800	LOOM-WIRE, 1/4 X 4"	1
246	2371780	SPACER #8 X .188	2

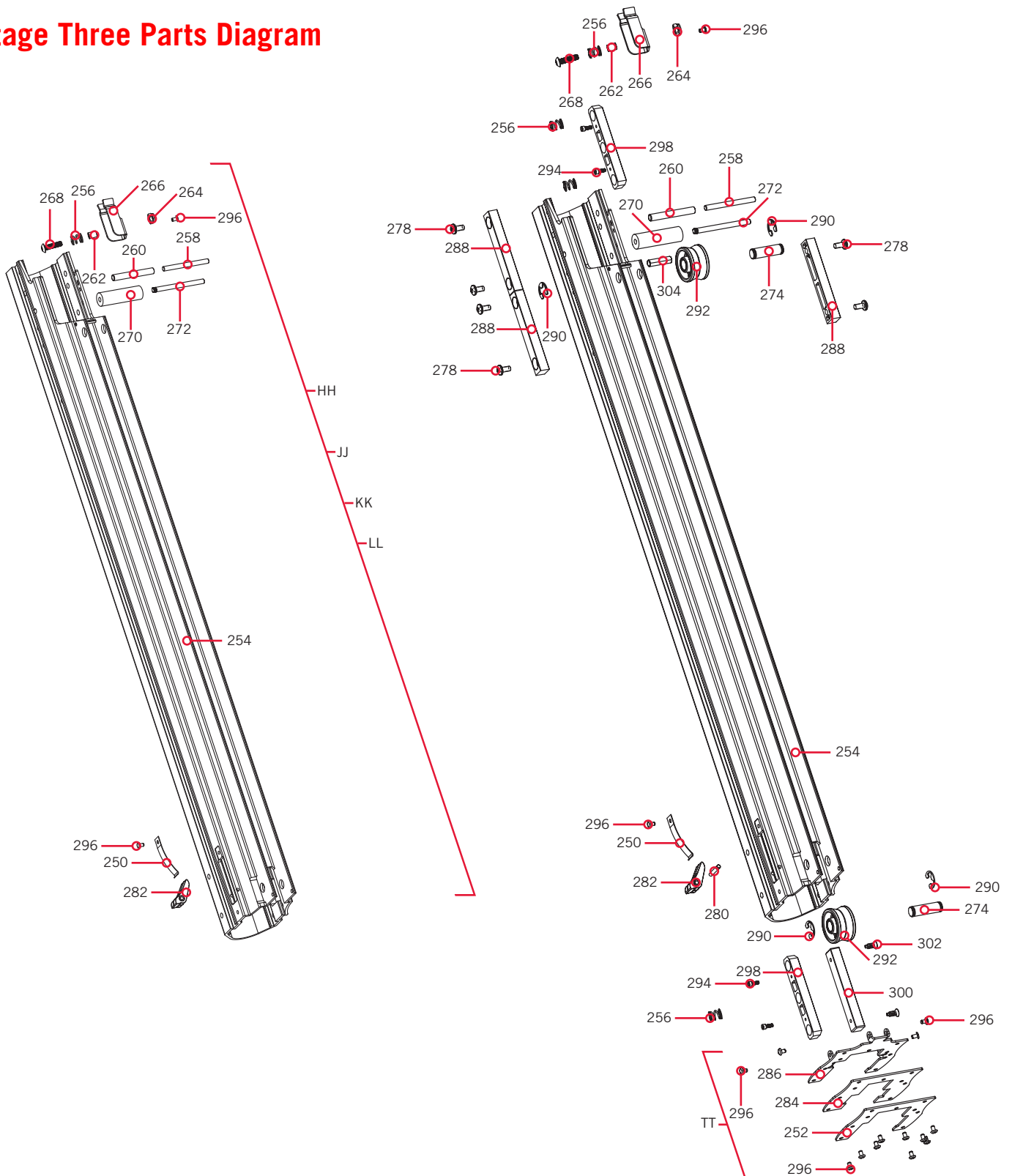
✖ This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

PARTS DIAGRAM & PARTS LIST

TALON STAGE THREE

Stage Three Parts Diagram



PARTS DIAGRAM & PARTS LIST

Stage Three Parts List

Assembly	Part #	Description	Quantity
HH	2778091	THIRD STAGE EXTRS. 8' RPLC KIT	1
JJ	2778092	THIRD STAGE EXTRS.10' RPLC KIT	1
KK	2778093	THIRD STAGE EXTRS.12' RPLC KIT	1
LL	2778094	THIRD STAGE EXTRS.15' RPLC KIT	1
TT	2884665	WIPER, RIVET KIT, 2ND STAGE BT	1
Item	Part #	Description	Quantity
250	2372748	SPRING, LATCH STAGE 3 TALON	1
252	✖	WIPER RETAINER	1
254	2378091	THIRD STAGE MACHINED 8', TALON 3 *8FT*	1
	2378092	THIRD STAGE MACHINED 10', TALON 3 *10FT*	1
	2378093	THIRD STAGE MACHINED 12', TALON 3 *12FT*	1
	2378094	THIRD STAGE MACHINED 15', TALON 3 *15FT*	1
256	2372740	SPRING, GIB TENSION	2
258	2372669	PIN-DOWEL, 3RD STAGE SUPPORT	1
260	2372668	3RD STAGE SUPPORT PIN	1
262	2371781	SPACER, LATCH SS	1
264	2333101	#10-24 NYLOCK NUT, SS	1
266	2377220	CLIP, 3RD STAGE	1
268	2383469	SCREW-#10-24 X 3/4 SS, BHCS	1
270	2375418	2ND STAGE INSULATOR, 1/4" STOP PIN, TALON2	1
272	2372659	PIN-DOWEL 3/16" X 2.5" SS, TALON2	1
274	2372316	SHAFT, IDLER	2
278	2323409	SCREW-#10-24 X 3/8 PPH MACH SS	6
280	2372653	PIN, KNURLED - 1/8"	1
282	2377201	LATCH, THIRD STAGE MOLDED	1
284	✖	WIPER 2ND STAGE	1
286	✖	DEBRIS SHIELD, 2ND STAGE WIPER	1
288	2372828	SLIDE GIB-UPPER	3
290	2370832	C-CLIP, 3/8 LOW CLEARANCE - SS	4
292	2992365	SM IDLER PULLEY W BUSHING	2
294	2383468	SCREW, #4-40 X 5-16" SHCS SS	4
296	2378601	STAINLESS POP RIVET, 1/8"	15
298	2372827	SLIDE GIB-UPPER FLOATING	2
300	2372820	SLIDE GIB-LOWER	1
302	2383461	SCREW 8-18 X .437 HI-LO PFH	2
304	2372643	PIN-SPRING, 1/8 X 1, SS	1

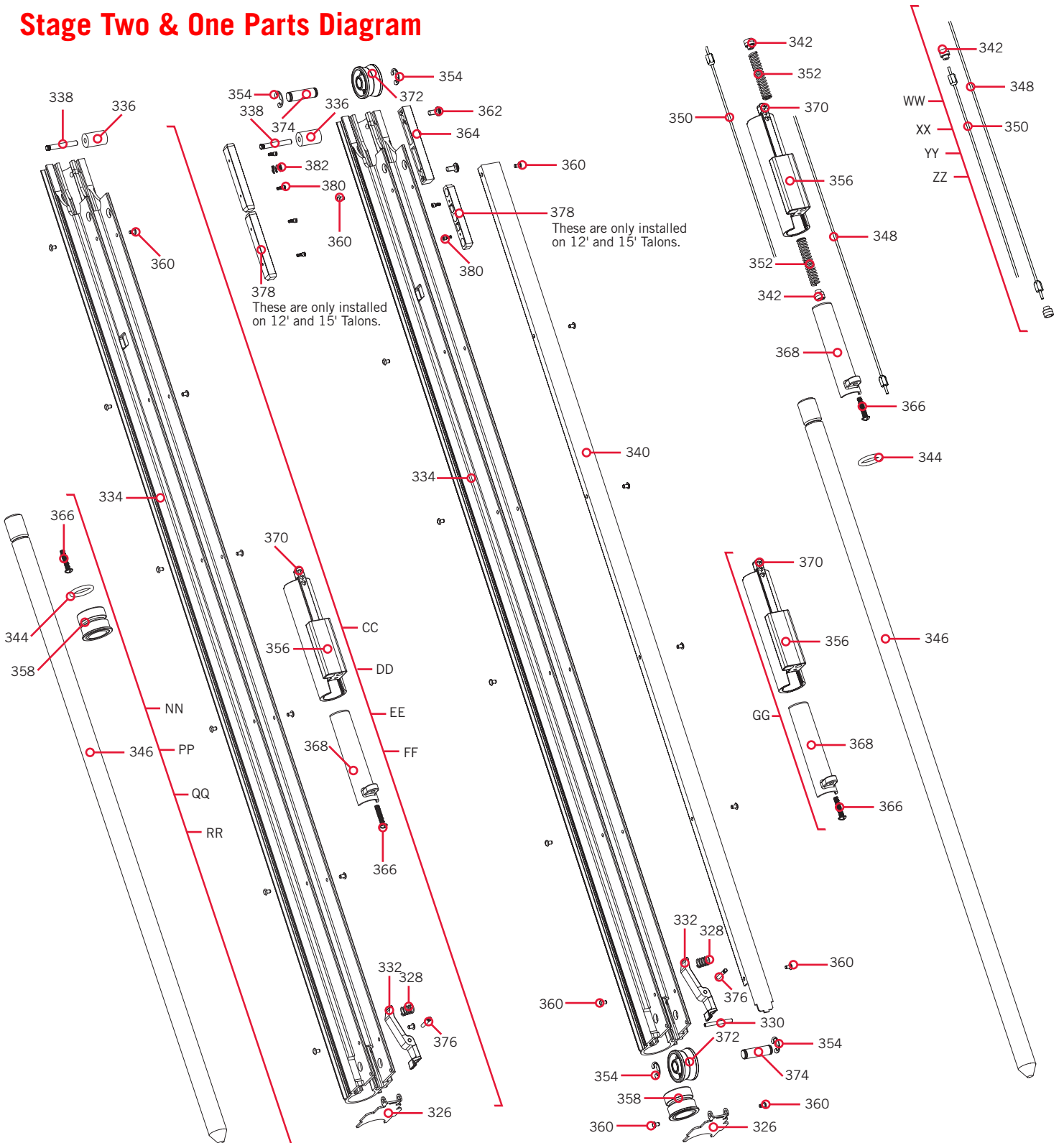
✖ This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

PARTS DIAGRAM & PARTS LIST

TALON STAGE TWO AND ONE

Stage Two & One Parts Diagram



PARTS DIAGRAM & PARTS LIST

Stage Two and One Parts List

Assembly	Part #	Description	Quantity
CC	2778056	SECOND STAGE EXTRS. 15' RPLC KIT	1
DD	2778057	SECOND STAGE EXTRS. 8' RPLC KIT	1
EE	2778058	SECOND STAGE EXTRS. 10' RPLC KIT	1
FF	2778059	SECOND STAGE EXTRS. 12' RPLC KIT	1
GG	2991545	TALON 3 PISTON ASSEMBLY	1
NN	2882028	SPIKE REPLACEMENT KIT, 15'	1
PP	2882007	SPIKE REPLACEMENT KIT, 10'	1
QQ	2882008	SPIKE RPLC KIT 12' / 2-STG 8'	1
RR	2882027	SPIKE REPLACEMENT KIT 8'	1
WW	2887520	CABLE RPLCMNT KIT 8' TALON BT	1
XX	2887522	CABLE RPLCMNT KIT 10' TALON BT	1
YY	2887524	CABLE RPLCMNT KIT 12' TALON BT	1
ZZ	2887526	CABLE RPLCMNT KIT 15' TALON BT	1
Item	Part #	Description	Quantity
326	2376440	2ND STAGE DEBRIS SHIELD	1
328	2372743	SPRING, .36 X .5	1
330	2372654	PIN, SPRING 1/8 X 1-1/4, SS	1
332	2377205	LATCH SECOND STAGE	1
334	2378057	SECOND STAGE, MACHINED 8', TALON 3	1
	2378058	SECOND STAGE, MACHINED 10', TALON 3	1
	2378059	SECOND STAGE, MACHINED 12', TALON 3	1
	2378056	SECOND STAGE, MACHINED 15', TALON 3	1
336	2375416	INSULATOR, 1/4" STOP PIN	1
338	2372645	3/16" X 1.5" KNURLED PIN, SS	1
340	2378826	DEBRIS CHANNEL, 8' *8FT*	1
	2378823	DEBRIS CHANNEL, 10' *10FT*	1
	2378824	DEBRIS CHANNEL, 12' *12FT*	1
	2378827	DEBRIS CHANNEL, 15' *15FT*	1
342	2370850	CABLE KEEPER	2
344	2374632	O-RING, 3/4" ID X .125 *8FT* *10FT* *12FT*	1
346	✖	SPIKE, .75" X 56.4" (15') *15FT*	1
	✖	SPIKE, .75" X 56.4" (12') *12FT*	1
	✖	SPIKE, .75" X 48.4" (10') *10FT*	1
	✖	SPIKE, .75" X 40.4", (8') *8FT*	1

✖ This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

PARTS DIAGRAM & PARTS LIST



Item	Part #	Description	Quantity
348	✖	CABLE ASM TLN3, EXT 15' *15FT*	1
	✖	CABLE ASM TLN3, EXT 12' *12FT*	1
	✖	CABLE ASM TLN3, EXT 10' *10FT*	1
	✖	CABLE ASM TLN3, EXT 8' *8FT*	1
350	✖	CABLE ASM TLN3, RET 15' *15FT*	1
	✖	CABLE ASY, 2MM, RETRACT 10/12 *10FT* *12FT*	1
	✖	CABLE ASY, 2MM, RETRACT 8' (SUB) *8FT*	1
352	2372742	SPRING, PISTON	2
354	2370832	C-CLIP, 3/8 LOW CLEARANCE - SS	4
356	2371545	PISTON-TALON 3	1
358	2778825	SPIKE ISOLATOR	1
360	2378601	STAINLESS POP RIVET, 1/8"	12
362	2323409	SCREW-#10-24 X 3/8 PPH MACH SS	2
364	2372828	SLIDE GIB-UPPER	1
366	2383477	#8-16 X 7/8" PLASTITE SCREW, SS	1
368	2372932	RETAINER-STAKE, TALON 3	1
370	✖	.187 X .125 MAGNET	3
372	2992365	SM IDLER PULLEY W BUSHING	2
374	2372316	SHAFT, IDLER	2
376	2372653	PIN, KNURLED - 1/8"	1
378	2372827	SLIDE GIB-UPPER FLOATING	3
380	2383468	SCREW, #4-40 X 5-16" SHCS SS	6
382	2322740	SPRING, GIB TENSION	1

✖ This part is included in an assembly and cannot be ordered individually.

▲ Not shown on Parts Diagram.

RECOMMENDED ACCESSORIES

› ON-BOARD & PORTABLE BATTERY CHARGERS

Stop buying new batteries and start taking care of the ones you've got. Many chargers can actually damage your battery over time – creating shorter run times and shorter overall life. Digitally controlled Minn Kota chargers are designed to provide the fastest charge that protect and extend battery life.



MK212PC



MK210D



MK110PD

› TALON ACCESSORIES

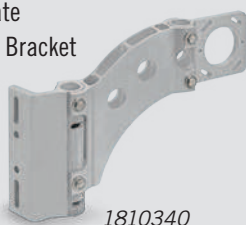
UNIVERSAL MODULAR ADAPTER BRACKETS ›

It's easy to choose your bracket, easy to install it and pretty much impossible for anything to stop it. Talon's Universal Modular Adapter Brackets are built stronger than they have to be, and their innovative modular design lets you put Talon in just the right position on your boat.

Unparalleled Strength

We built Talon with uncompromising power. And we built the brackets the exact same way. Made with extruded aluminum and reinforced with rugged construction, our brackets hold Talon steady whether you're trailering or tearing through heavy chop.

Jack Plate
Adapter Bracket



1810340

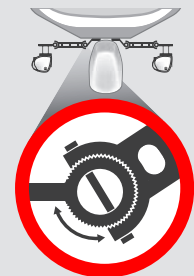
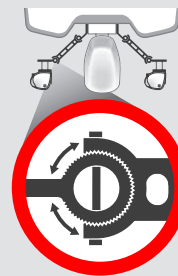
Sandwich-Style
Adapter Bracket



1810244
1810303

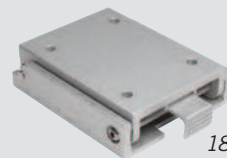
Universal Modular Design

Two brackets. Any transom. The universal design fits any situation, and the brackets can be adjusted and tweaked to the perfect orientation. Two pivot points let you adjust Talon to the perfect orientation (based on your transom style, outboard location and other factors). Once it's in position, interlocking teeth clamp down to lock it into place.



TALON TILT BRACKET ›

This marine-grade, anodized aluminum tilt bracket accommodates for low-clearance areas and boat storage. Features adjustable deck support for added stability while tilting.



1810222

