MINN KOTA®

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.
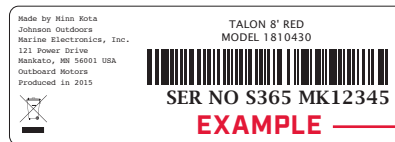
REGISTRATION

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. You may also register your product online at minnkotamotors.com.

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.

Made by Minn Kota
Johnson Outdoors
Marine Electronics, Inc.
121 Power Drive
Mankato, MN 56001 USA
Outboard Motors
Produced in 2015

TALON 8' RED
MODEL 1810430

SER NO S365 MK12345
EXAMPLE

TALON INFORMATION (For Consumer Reference Only)

Model:_____

Serial Number: _____

Purchase Date: _____

Store Where Purchased:_____

NOTICE: Do not return your Minn Kota product to your retailer. Your retailer is not authorized to repair or replace this unit. You may obtain service by: calling Minn Kota at (800) 227-6433; returning your Talon to the Minn Kota Factory Service Center; sending or taking your product to any Minn Kota authorized service center. A list of authorized service centers is available on our website, at minnkotamotors.com. Please include proof of purchase, serial number and purchase date for warranty service with any of the above options.

TABLE OF CONTENTS

SAFETY CONSIDERATIONS

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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.

WARRANTY

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MINN KOTA LIMITED WARRANTY ON TALON SHALLOW WATER ANCHORS

Johnson Outdoors Marine Electronics, Inc. ("JOME") extends the following limited warranty to the original retail purchaser only. Warranty coverage is not transferable.

Minn Kota Five-Year Limited Warranty

JOME warrants to the original retail purchaser only that the purchaser's entire Minn Kota Talon shallow water anchor's mechanical and electrical parts will be materially free from defects in materials and workmanship appearing within five (5) years after the date of purchase. JOME will (at its option) either repair or replace, free of charge, any mechanical or electrical parts found by JOME to be defective during the term of this warranty. Such repair, or replacement shall be the sole and exclusive liability of JOME and the sole and exclusive remedy of the purchaser for breach of this warranty. The Talon spike is covered by the five year warranty (plus parts and labor to install). After the five year warranty, the spike will be covered by the limited lifetime warranty (part only).

Minn Kota Lifetime Limited Warranty on the Spike

JOME warrants to the original retail purchaser only that the spike of the purchaser's Minn Kota Talon shallow water anchor will be materially free from defects in materials and workmanship appearing within the original purchaser's lifetime. JOME will provide a new spike, free of charge, to replace any spike found by JOME to be defective during the term of this warranty. Providing a new spike shall be the sole and exclusive liability of JOME and the sole and exclusive remedy of the purchaser for breach of this warranty; and purchaser shall be responsible for installing, or for the cost of labor to install, any new spike provided by JOME.

Exclusions and Limitations

This limited warranty does not apply to products that have been used commercially or for rental purposes. This limited warranty does not cover normal wear and tear, blemishes that do not affect the operation of the product, or damage caused by accidents, abuse, alteration, modification, shipping damages, acts of God, negligence of the user or misuse, improper or insufficient care or maintenance. DAMAGE CAUSED BY THE USE OF OTHER REPLACEMENT PARTS NOT MEETING THE DESIGN SPECIFICATIONS OF THE ORIGINAL PARTS WILL NOT BE COVERED BY THIS LIMITED WARRANTY. The cost of normal maintenance or replacement parts which are not in breach of the limited warranty are the responsibility of the purchaser. Prior to using products, the purchaser shall determine the suitability of the products for the intended use and assumes all related risk and liability. Any assistance JOME provides to or procures for the purchaser outside the terms, limitations or exclusions of this limited warranty will not constitute a waiver of the terms, limitations or exclusions, nor will such assistance extend or revive the warranty. JOME will not reimburse the purchaser for any expenses incurred by the purchaser in repairing, correcting or replacing any defective products or parts, except those incurred with JOME's prior written permission. JOME'S AGGREGATE LIABILITY WITH RESPECT TO COVERED PRODUCTS IS LIMITED TO AN AMOUNT EQUAL TO THE PURCHASER'S ORIGINAL PURCHASE PRICE PAID FOR SUCH PRODUCT.
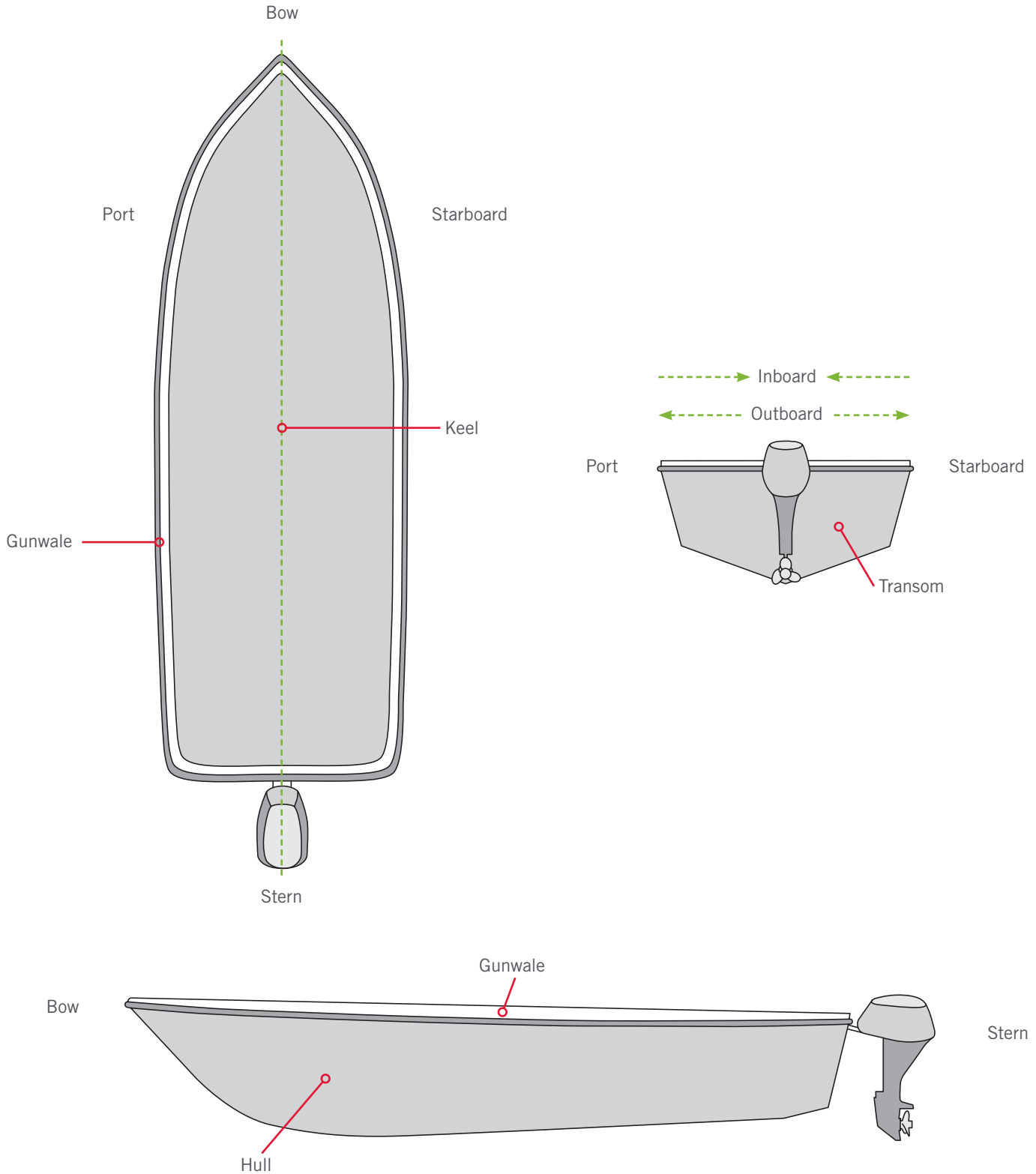
How to Obtain Warranty Service

To obtain warranty service in the U.S., the product believed to be defective, and proof of original purchase (including the date of purchase), must be presented to a Minn Kota Authorized Service Center or to Minn Kota's factory service center in Mankato, MN. any charges incurred for service calls, transportation or shipping/freight to/from the Minn Kota Authorized Service Center or factory, labor to haul out, remove, re-install or re-rig products removed for warranty service, or any other similar items are the sole and exclusive responsibility of the purchaser. Products purchased outside of the U.S. must be returned prepaid with proof of purchase (including the date of purchase and serial number) to any Authorized Minn Kota Service Center in the country of purchase. Warranty service can be arranged by contacting a Minn Kota Authorized Service Center or by contacting the factory at 1-800-227-6433 or email service@minnkotamotors.com. Products repaired or replaced will be warranted for the remainder of the original warranty period [or for 90 days from the date of repair or replacement, whichever is longer]. For any product that is returned for warranty service that JOME finds to be not covered by or not in breach of this limited warranty, there will be a billing for services rendered at the prevailing posted labor rate and for a minimum of at least one hour.

NOTICE: Do not return your Minn Kota product to your retailer. Your retailer is not authorized to repair or replace products.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THESE LIMITED WARRANTIES. IN NO EVENT SHALL ANY IMPLIED WARRANTIES INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE, EXTEND BEYOND THE DURATION OF THE RELEVANT EXPRESS LIMITED WARRANTY. IN NO EVENT SHALL JOME BE LIABLE FOR PUNITIVE, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES. Without limiting the foregoing, JOME assumes no responsibility for loss of use of product, loss of time, inconvenience or other damage. HOW DOES STATE LAW APPLY? Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations and/or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other legal rights which vary from state to state.

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KNOW YOUR BOAT

Bow

Port

Starboard

Keel

Gunwale

Stern

Inboard

Outboard

Port

Starboard

Transom

Gunwale

Bow

Stern

Hull

FEATURES

Indicator Panel

Depth
Indication
LEDs

DEPTH INDICATION

MODE INDICATOR

ROUGH WATER
SOFT BOTTOM

UP/DOWN

MODE

LIGHT

TALON

Auto Up/Down Buttons
& Pairing Buttons

Selectable Anchor
Mode Button

Work Light Button/
Indicator Panel LED
Dimmer Button

Work Light

TALON

3 Stage Anchor

TALON

UP

DWN

Talon Selection
Button / Work
Light Button

Auto Up/Down
Buttons & Pairing
Buttons

Anchor Mode
Button

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

INSTALLATION

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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, please visit minnkotamotors.com for details on our Talon adapter brackets. For installation with a Talon adapter bracket, refer to the installation instructions provided with the bracket. For compatible Talon adapter brackets, to locate the nearest dealer, or for additional product support, please visit minnkotamotors.com. 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	1
C	2994150	NEW BT TRANSMITTER ASSY	1
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 NYLOK 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.*

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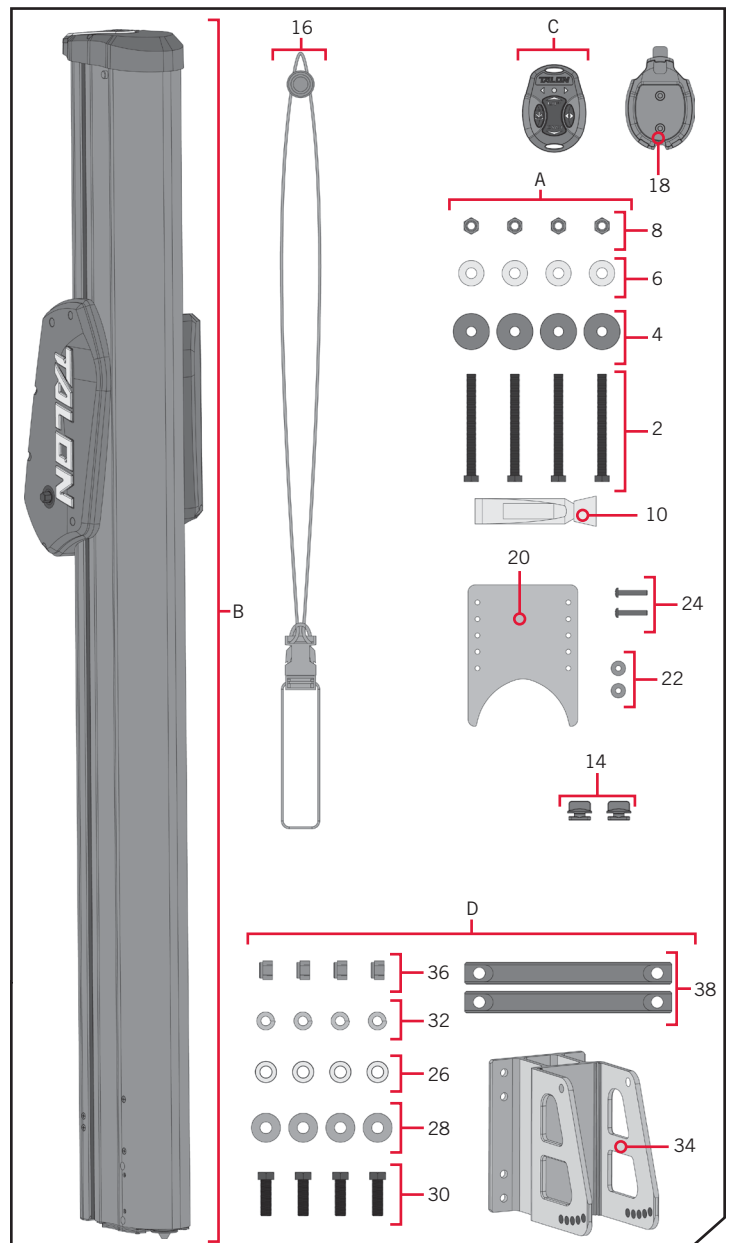
MOUNTING CONSIDERATIONS ❯

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. For more information on universal adapter brackets and other Minn Kota® Talon accessories, please visit minnkotamotors.com. 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.
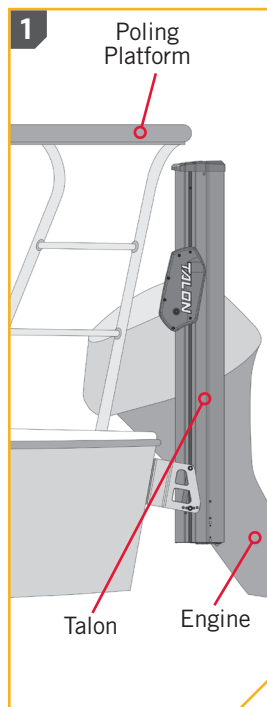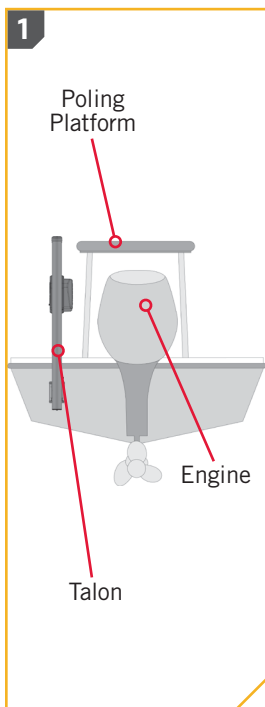
2. Unobstructed Deployment and Retraction - Talon is designed to mount on either the port or starboard side of the transom. Talon must have a clear, unobstructed path to deploy. Check to make sure that your proposed location will allow the anchor to deploy and retract without hitting trim tabs, poling 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.

View accessories available for your Talon at minnkotamotors.com.

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.
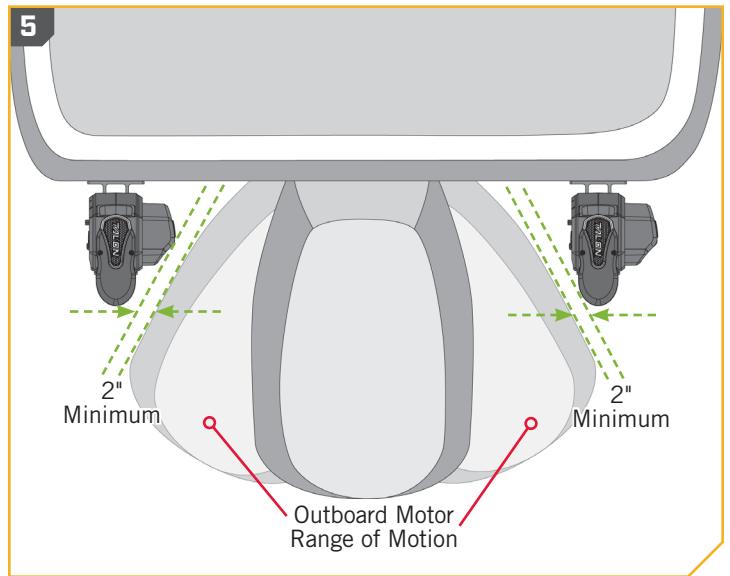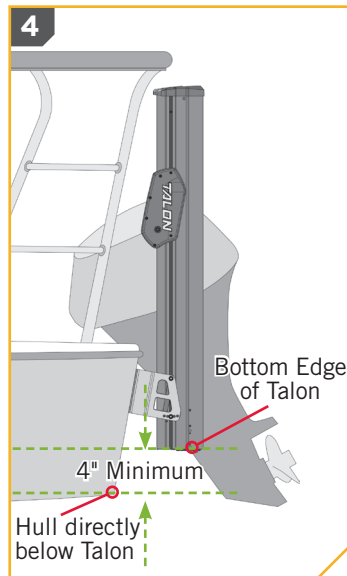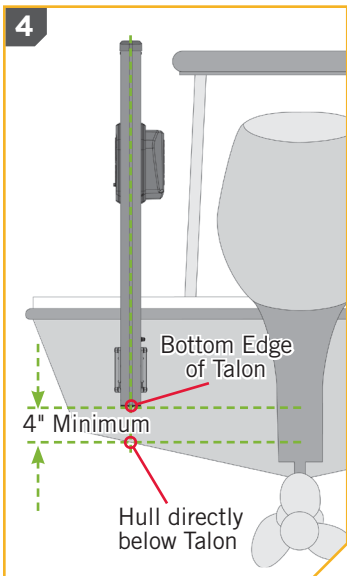

1
Poling Platform

Poling Platform

Engine

Talon

1
Poling Platform

Talon

Engine

2
Talon

Unobstructed Deployment

3
Talon

Transom Edge

6" Minimum

Edge of Deploying Anchor

3
Talon

Transom Edge

Reverse Transom

6" Minimum

Edge of Deploying Anchor
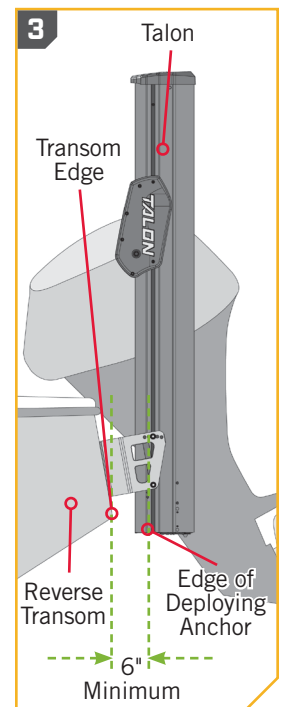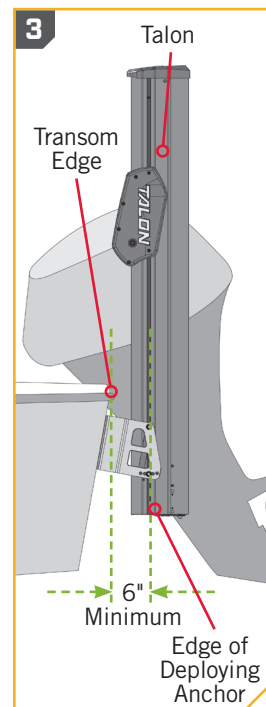
INSTALLING THE TALON

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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.

4

Bottom Edge of Talon

4" Minimum

Hull directly below Talon

4

Bottom Edge of Talon

4" Minimum

Hull directly below Talon

5

2" Minimum

2" Minimum

Outboard Motor Range of Motion

If these conditions are not met, please consider using a 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.

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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

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INSTALLATION ❱

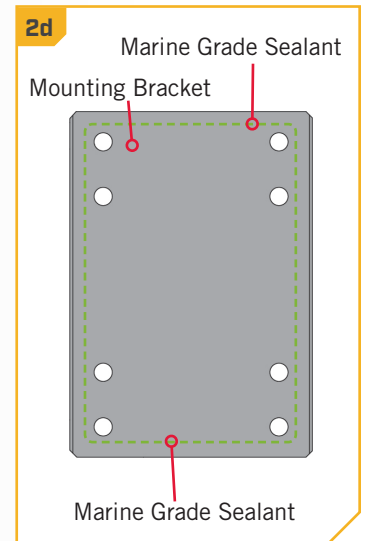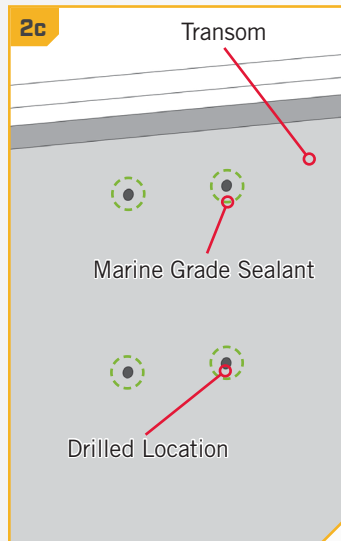## ❱ Installing the Talon

1

ITEM(S) NEEDED
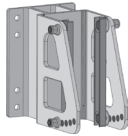
#D x 1

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.

1a — Marked Locations / Transom / Mounting Bracket

1b — Drilled Location / Marked Locations
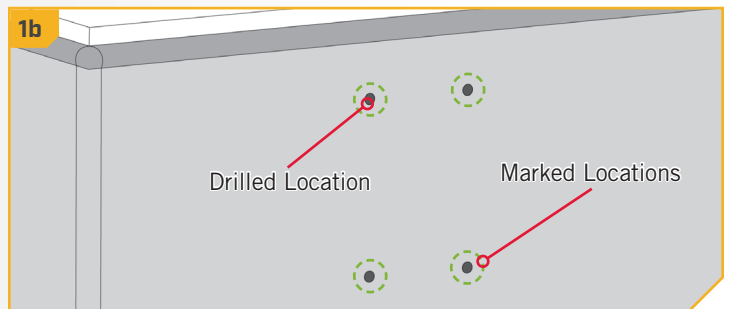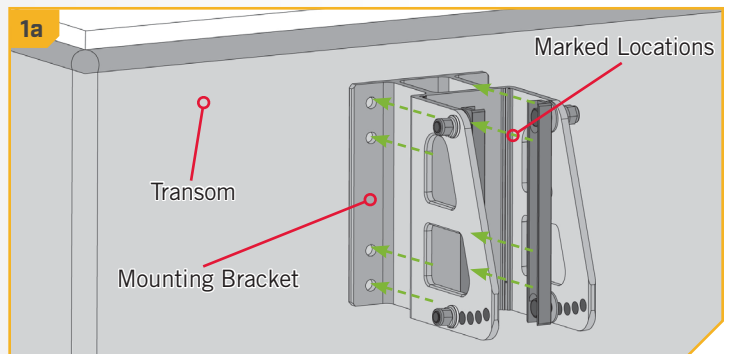
2

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.

2c — Transom / Marine Grade Sealant / Drilled Location

2d — Marine Grade Sealant / Mounting Bracket / Marine Grade Sealant

INSTALLING THE TALON

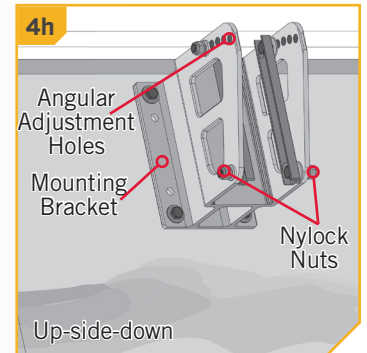## 3

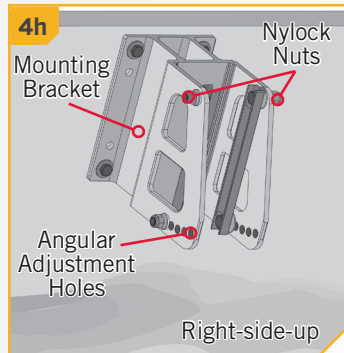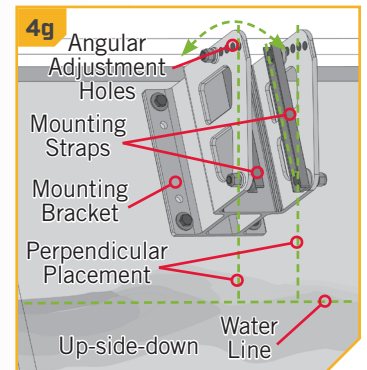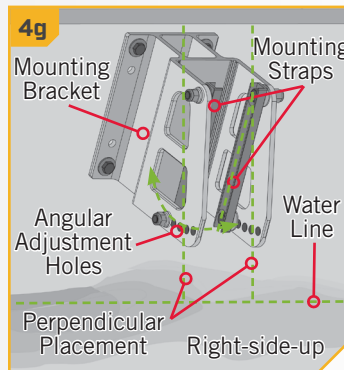**ITEM(S) NEEDED**

| #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 is 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.


3e — Transom, Mounting Bracket, Stainless Steel Bolt, Flat Washer

3f — Nylock Nut, Fender Washer, Transom, Mounting Bracket
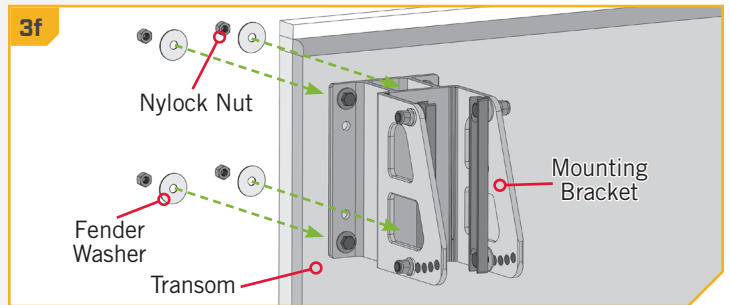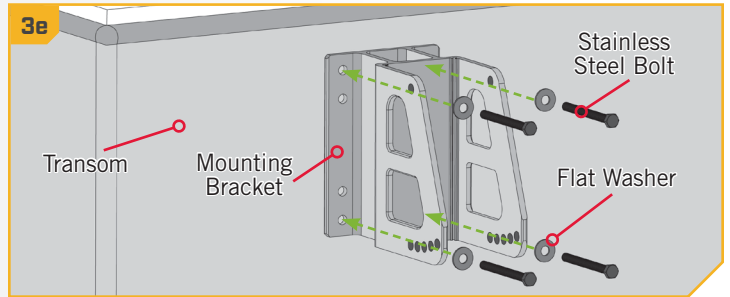
4

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.

4g — Mounting Bracket, Mounting Straps, Angular Adjustment Holes, Perpendicular Placement, Water Line, Right-side-up

4g — Angular Adjustment Holes, Mounting Straps, Mounting Bracket, Perpendicular Placement, Water Line, Up-side-down

4h — Mounting Bracket, Nylock Nuts, Angular Adjustment Holes, Right-side-up

4h — Angular Adjustment Holes, Mounting Bracket, Nylock Nuts, Up-side-down

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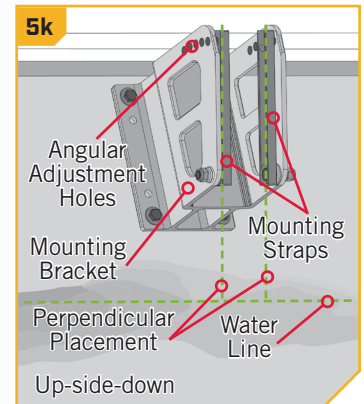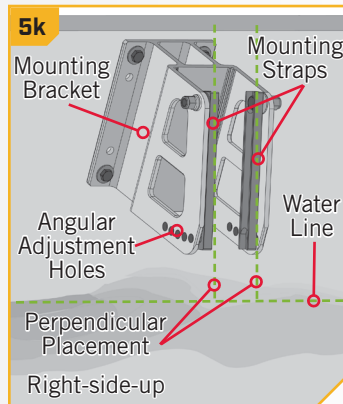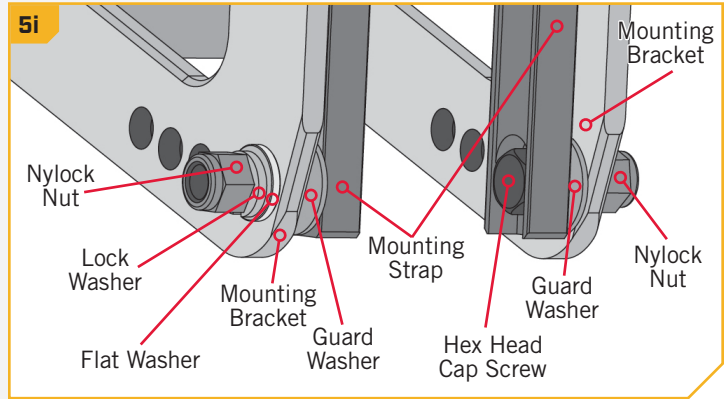
> ⚠ **CAUTION**
>
> Do not use the Mounting Bracket or Talon as a step to enter the boat. The bracket will be slippery when wet and is not designed to support people. Using this product as a step may result in injury.

5i

Mounting Bracket
Nylock Nut
Lock Washer
Mounting Bracket
Flat Washer
Guard Washer
Mounting Strap
Guard Washer
Hex Head Cap Screw
Nylock Nut

5k

Mounting Bracket
Mounting Straps
Angular Adjustment Holes
Water Line
Perpendicular Placement

Right-side-up

5k

Angular Adjustment Holes
Mounting Bracket
Mounting Straps
Perpendicular Placement
Water Line

Up-side-down

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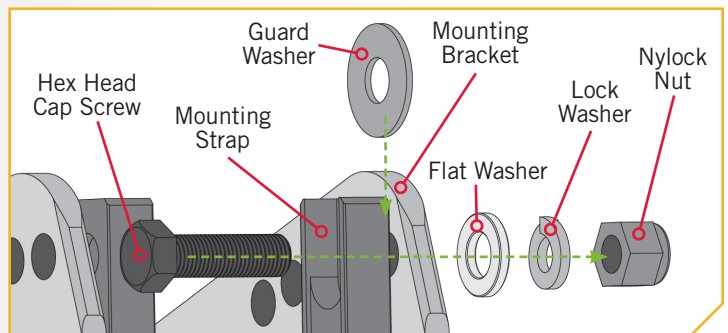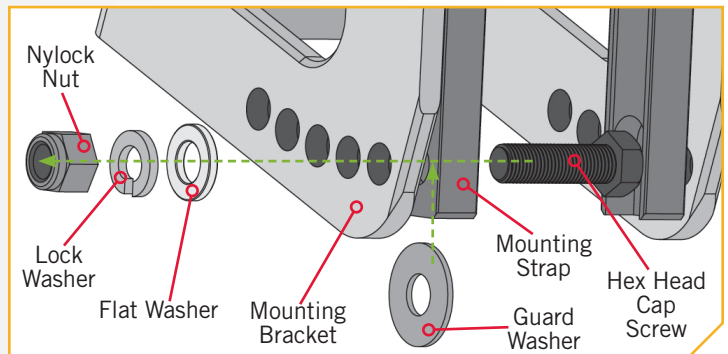
> **NOTICE:** To prevent seizing of the stainless steel hardware, do not use high speed installation tools. The hardware holding the Mounting Straps in place has a pre-applied anti-seize.
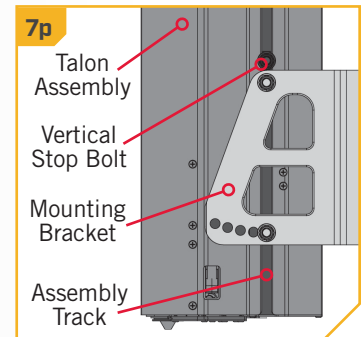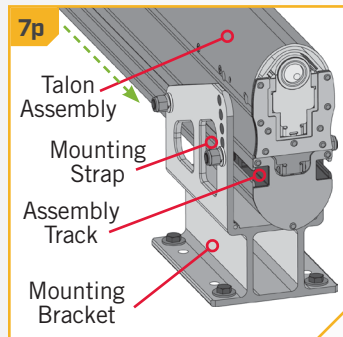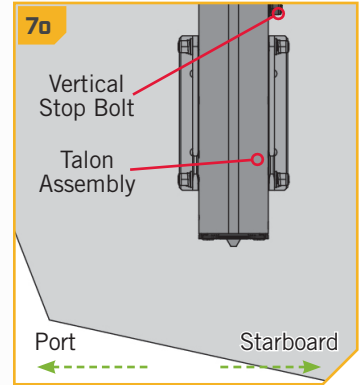

Nylock Nut
Lock Washer
Flat Washer
Mounting Bracket
Mounting Strap
Guard Washer
Hex Head Cap Screw

Guard Washer
Mounting Bracket
Nylock Nut
Hex Head Cap Screw
Mounting Strap
Flat Washer
Lock Washer

INSTALLING THE TALON

7

ITEM(S) NEEDED

#B x 1
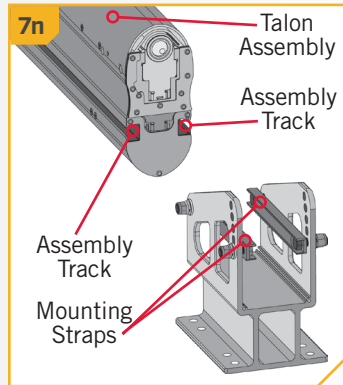
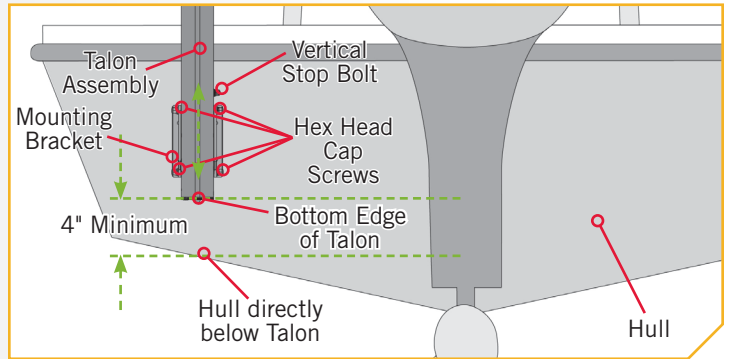**NOTICE:** We recommend a second person to help with this step of the installation.

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.

7n — Talon Assembly, Assembly Track, Assembly Track, Mounting Straps

7o — Vertical Stop Bolt, Talon Assembly, Port, Starboard

7p — Talon Assembly, Mounting Strap, Assembly Track, Mounting Bracket

7p — Talon Assembly, Vertical Stop Bolt, Mounting Bracket, Assembly Track

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.

Talon Assembly · Vertical Stop Bolt · Mounting Bracket · Hex Head Cap Screws · 4" Minimum · Bottom Edge of Talon · Hull directly below Talon · Hull

⚠ 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.


1b — Talon Assembly · Proper Placement · Mounting Bracket · Water Deflection Shield

1b — Talon Assembly · Proper Placement · Mounting Bracket · Water Deflection Shield
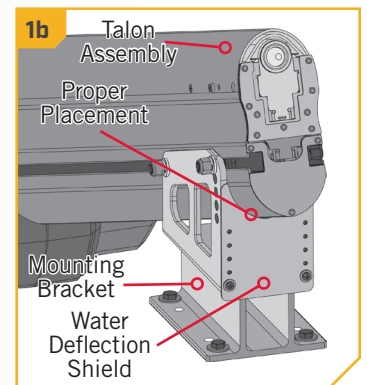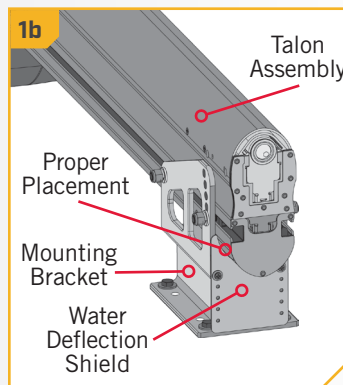
INSTALLING THE POWER CABLE AND DEPLOYMENT NOTIFICATION ALARM WIRE

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.
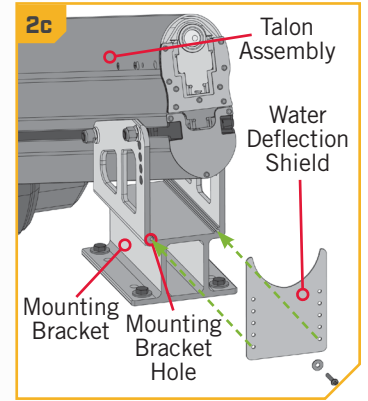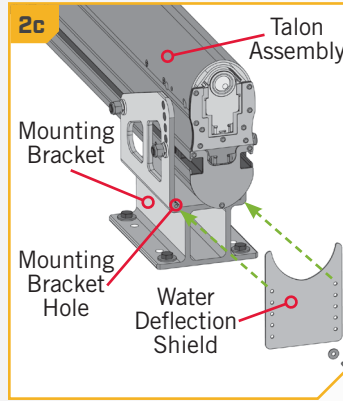


3

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.
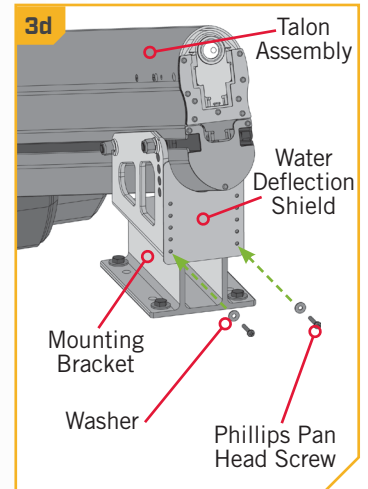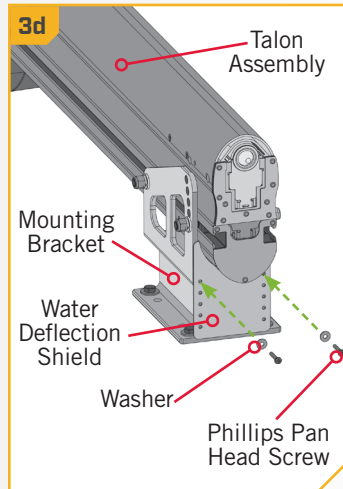
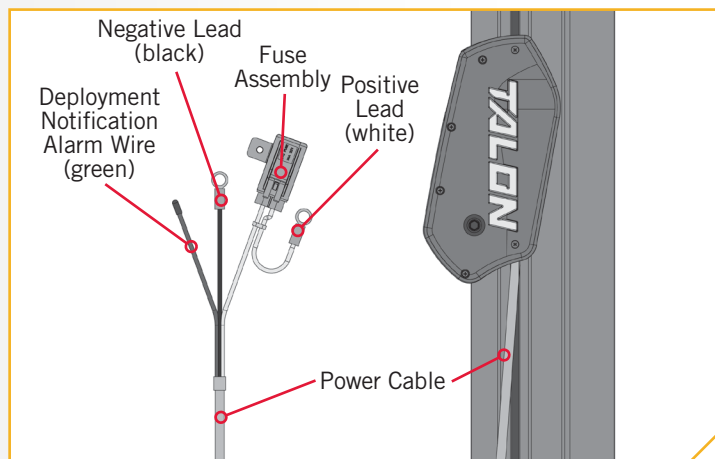## ❯ Installing the Power Cable and Deployment Notification Alarm Wire

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 boats 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.
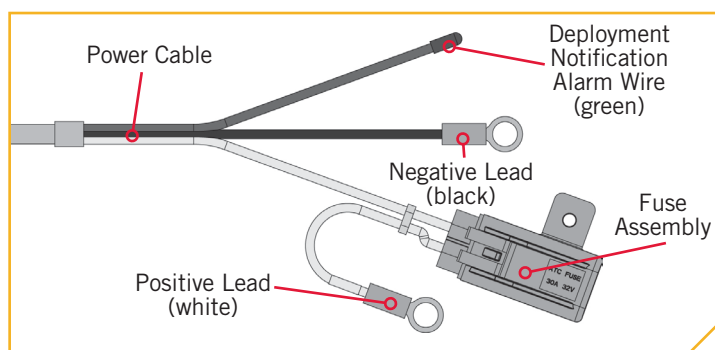
1

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.
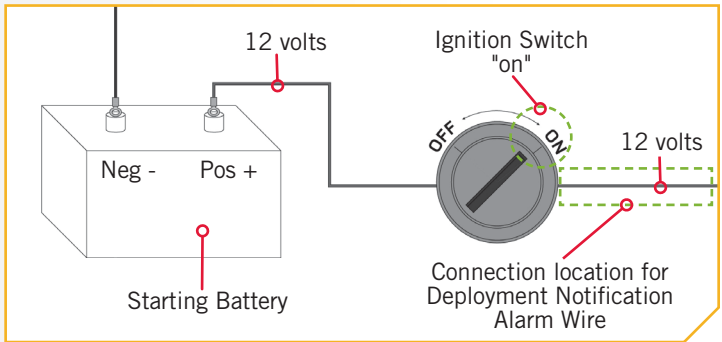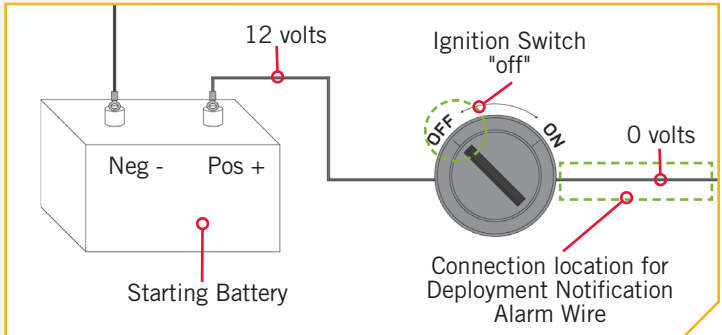

**NOTICE:** If unsure of how to wire the Talon Power Cable, please see a qualified marine technician.

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. You may need to turn the Ignition Switch "on" and "off" to verify this connection with the voltmeter. 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 that 12 AWG.

12 volts
Ignition Switch "off"
0 volts
Neg -   Pos +
Starting Battery
Connection location for Deployment Notification Alarm Wire

12 volts
Ignition Switch "on"
12 volts
Neg -   Pos +
Starting Battery
Connection location for Deployment Notification Alarm Wire

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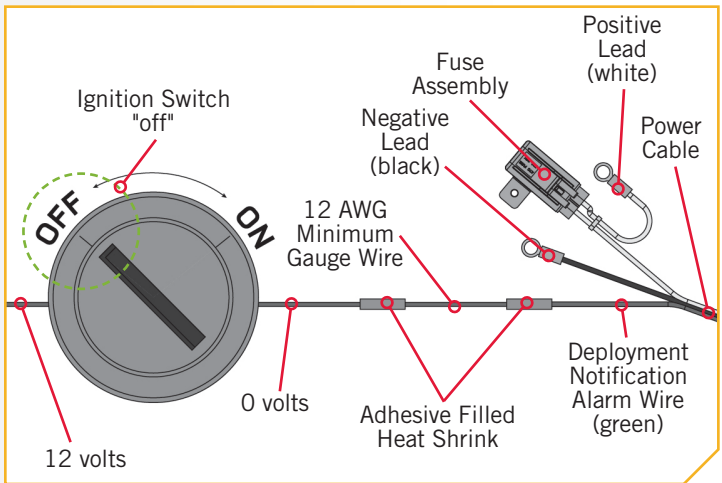
NOTICE: When properly installed the alarm will only sound when the ignition key is turned on when the Talon is not fully retracted.

Ignition Switch "off"
OFF   ON
12 volts
0 volts
Fuse Assembly
Positive Lead (white)
Negative Lead (black)
Power Cable
12 AWG Minimum Gauge Wire
Adhesive Filled Heat Shrink
Deployment Notification Alarm Wire (green)

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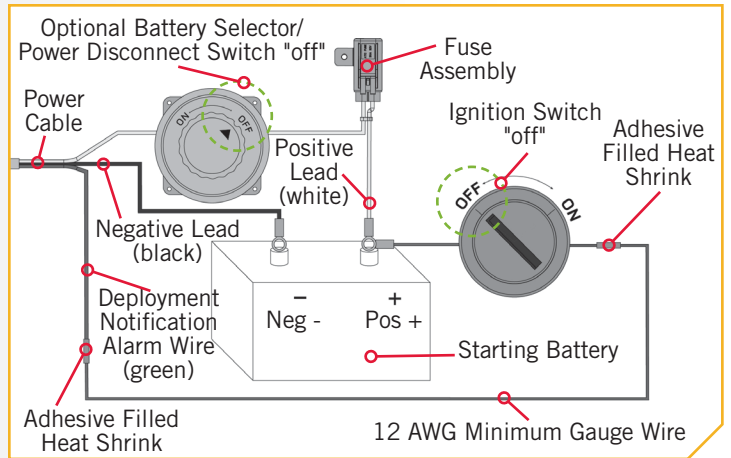
NOTICE: For proper American Boat & Yacht Council Compliance, if the Fuse Assembly is removed, the user must install a 30 amp fuse within 7" of the positive battery terminal (+).

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.
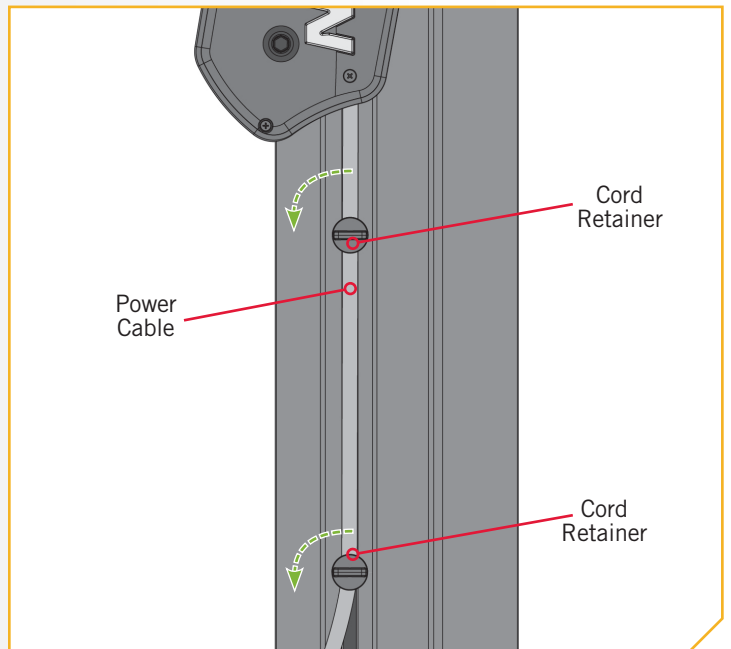
INSTALLING THE POWER CABLE AND DEPLOYMENT NOTIFICATION ALARM WIRE

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❯ Verifying Installation

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

1

a. 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.

b. 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.

Indicator Panel
Up Button
Anchor Mode Button
Down Button
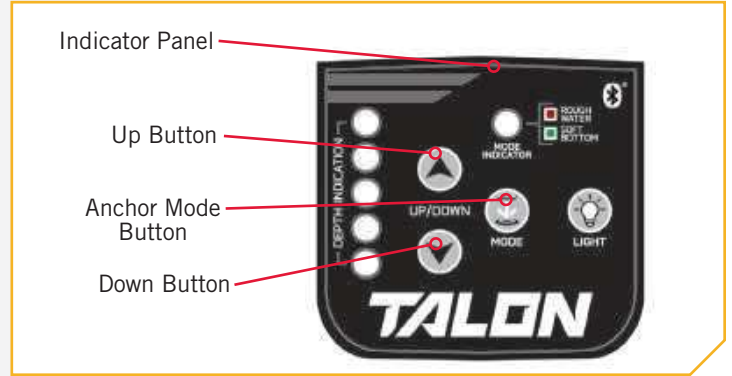
2

c. 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.

d. 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.

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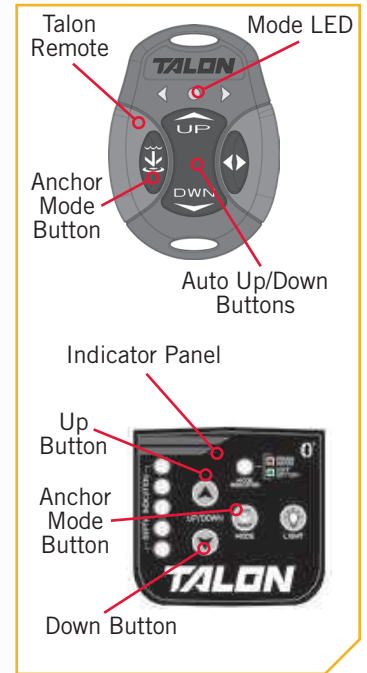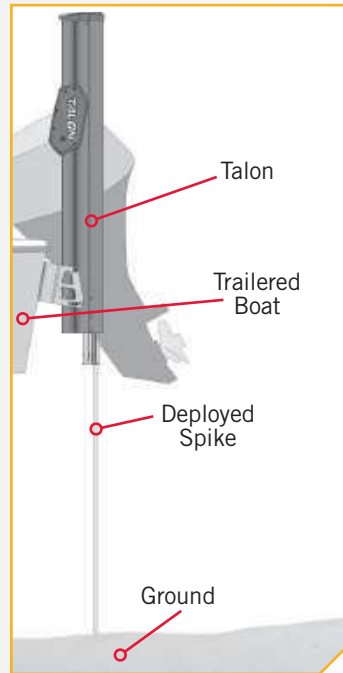
> **NOTICE:** To perform the same test using the remote instead of the buttons on the Indicator Panel, use the Anchor Mode button, the Up button, and the Down button on the remote. To deploy the anchor on the remote, the Down button must be double pressed.

Talon
Trailered Boat
Deployed Spike
Ground

Talon Remote
Mode LED
Anchor Mode Button
Auto Up/Down Buttons
Indicator Panel
Up Button
Anchor Mode Button
Down Button

\\

\\

BATTERY & WIRING INSTALLATION

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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

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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. For more information on battery selection and rigging, please visit minnkotamotors.com.

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.

\\

⚠ 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

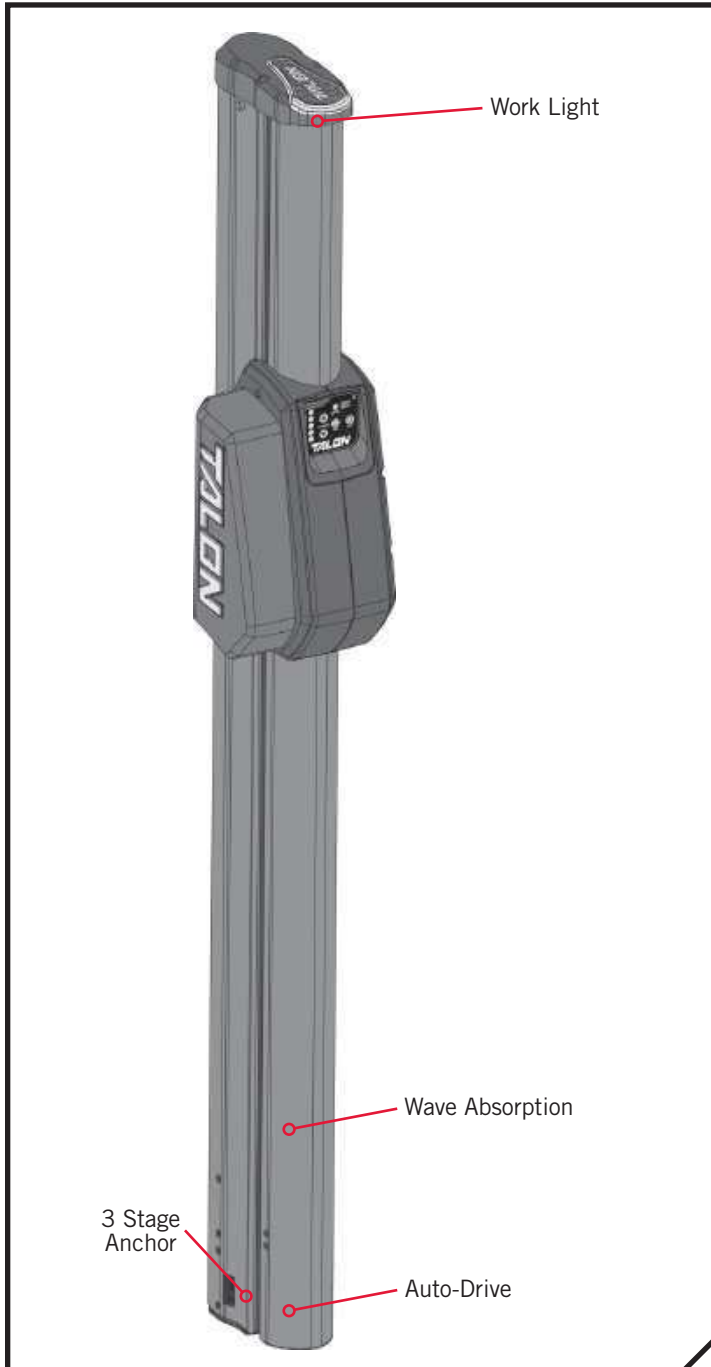The following Motor Wiring Diagram applies to all Talon models.
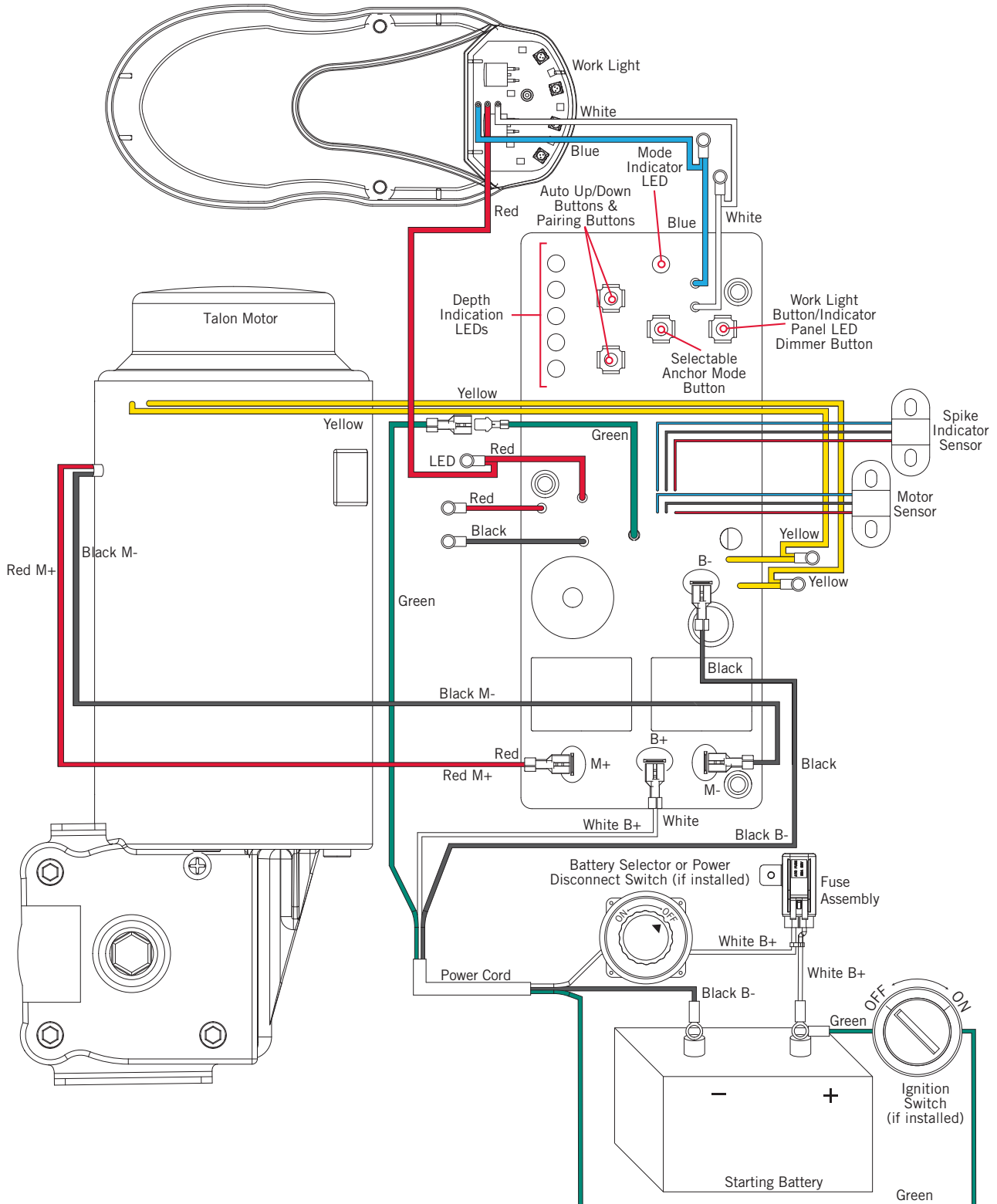
TALON FEATURES

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

Work Light

Wave Absorption

3 Stage Anchor

Auto-Drive

❯ 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.

3 Seconds   3 Seconds

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.

❯ 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 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.
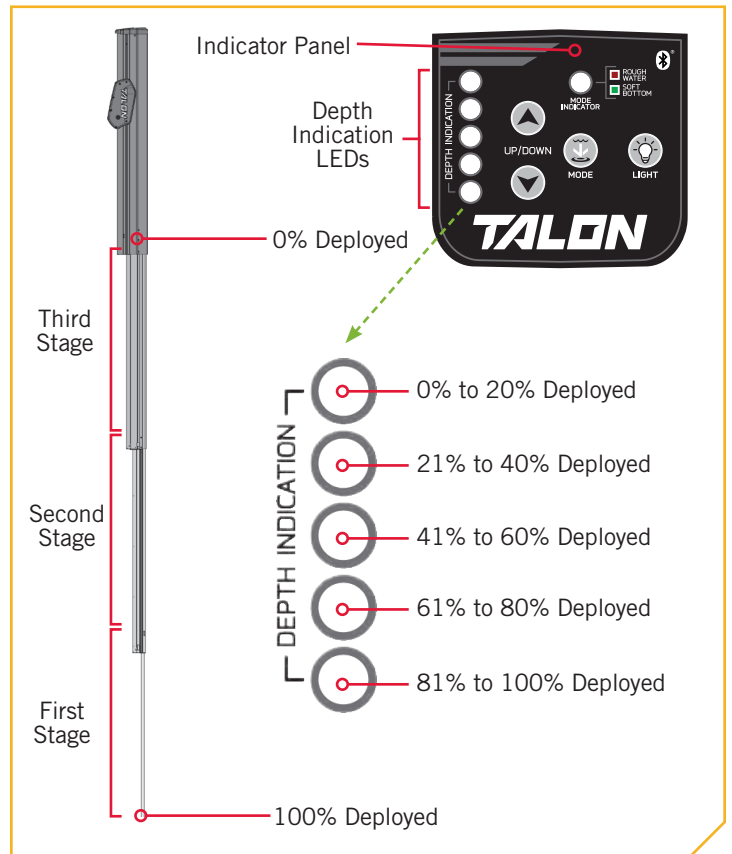
› Mode Functions

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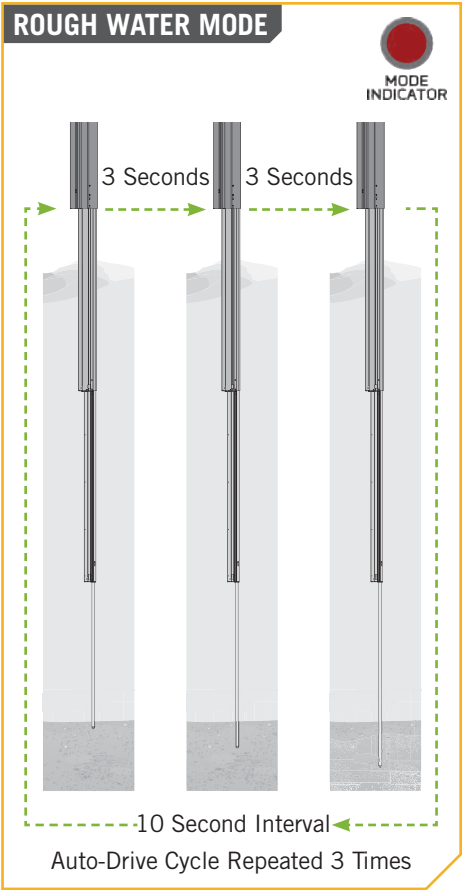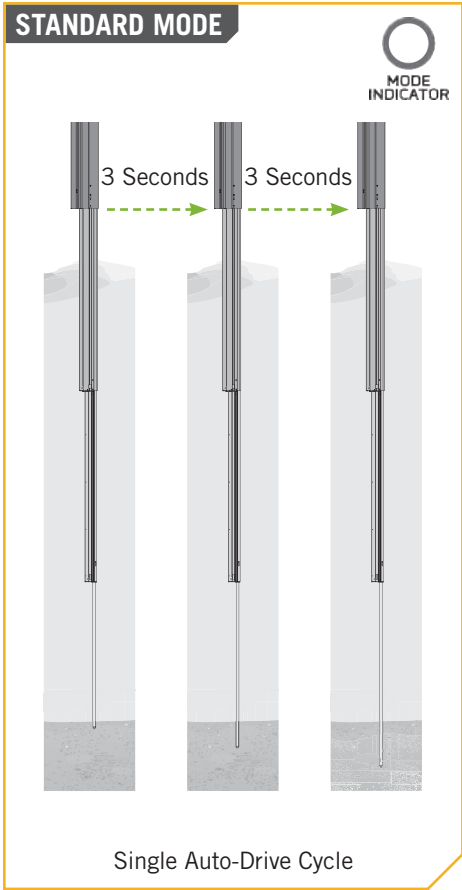
1. **Standard Mode -** Standard Mode is the default anchoring Mode for Talon. When put in Standard Mode, the Mode Indicator LED in the Indicator Panel will toggle between red and green and then turn off. In Standard Mode, Talon's Auto Deploy will operate with maximum down-force with a complete Auto-Drive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

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.

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.**

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

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.
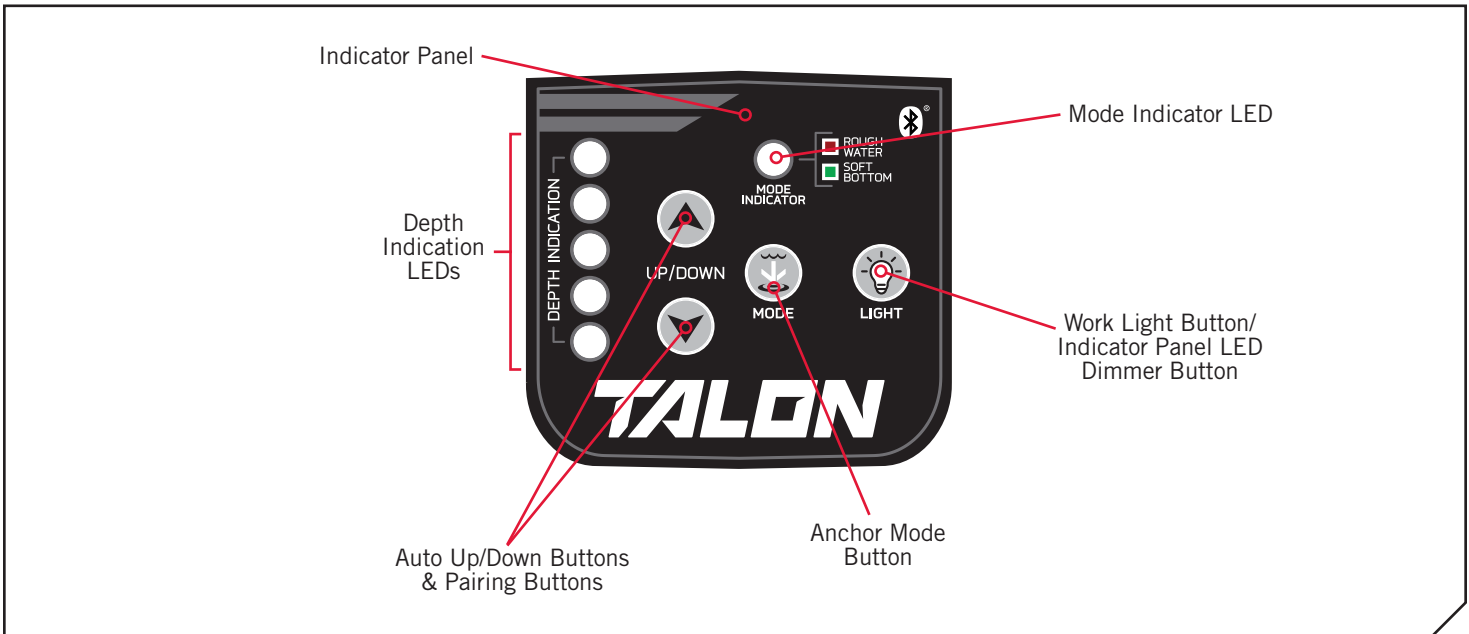

STANDARD MODE

MODE INDICATOR

3 Seconds   3 Seconds

Single Auto-Drive Cycle

SOFT BOTTOM MODE

MODE INDICATOR

Single Hit

ROUGH WATER MODE

MODE INDICATOR

3 Seconds   3 Seconds

10 Second Interval

Auto-Drive Cycle Repeated 3 Times

CONTROLLING THE TALON WITH THE INDICATOR PANEL

Indicator Panel

Mode Indicator LED

Depth Indication LEDs

Work Light Button/ Indicator Panel LED Dimmer Button

Auto Up/Down Buttons & Pairing Buttons

Anchor Mode Button

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.

❯ 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.

Indicator Panel
Up Button
Down Button

NOTICE: When two Talons are paired, to control a Talon individually it must be deployed from its own Indicator Panel.
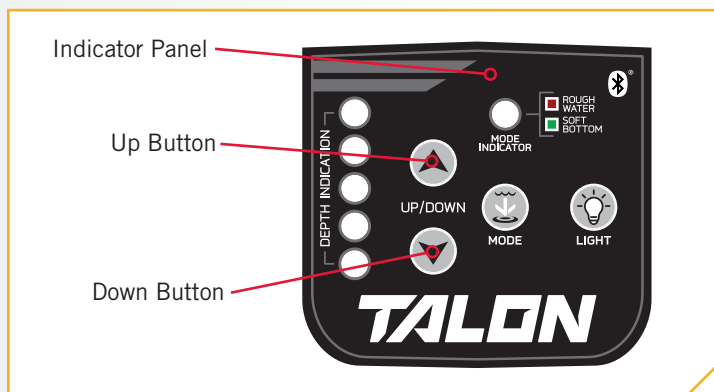
NOTICE: You do not need to press and hold the button to keep the Talon deploying. The Talon will automatically continue to deploy when the button is pressed until it has reached its full deployment length, received input to stop or completes anchoring.

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.

\\\
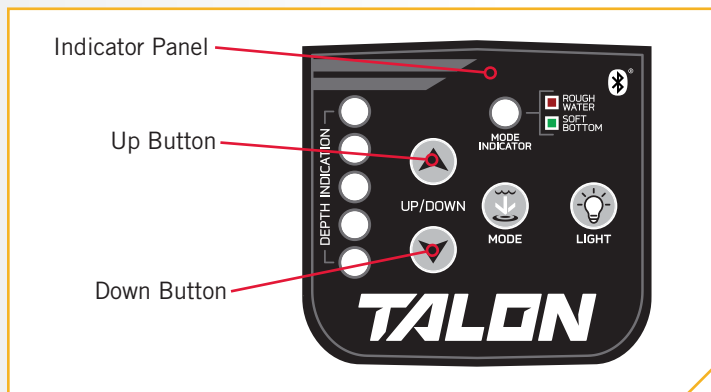
❯ Retracting the Talon from the Indicator Panel

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.

Indicator Panel

Up Button

Down Button

> **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.

\\\
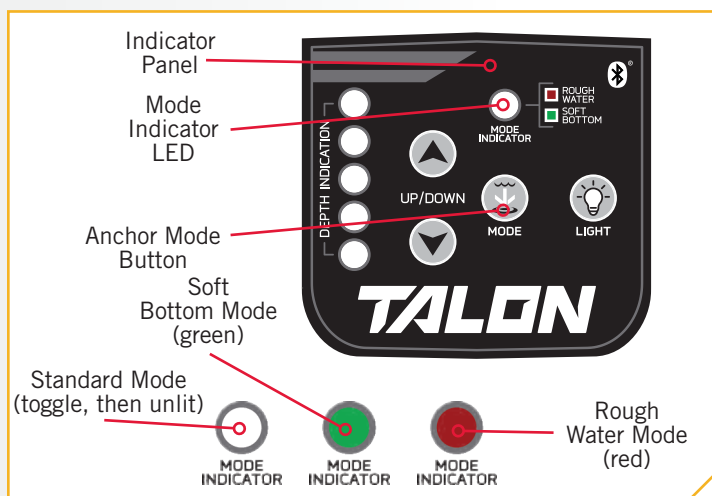
› Toggle the Mode from the Indicator Panel

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.

Indicator Panel

Mode Indicator LED

Anchor Mode Button

Soft Bottom Mode (green)

Standard Mode (toggle, then unlit)

Rough Water Mode (red)

› 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.
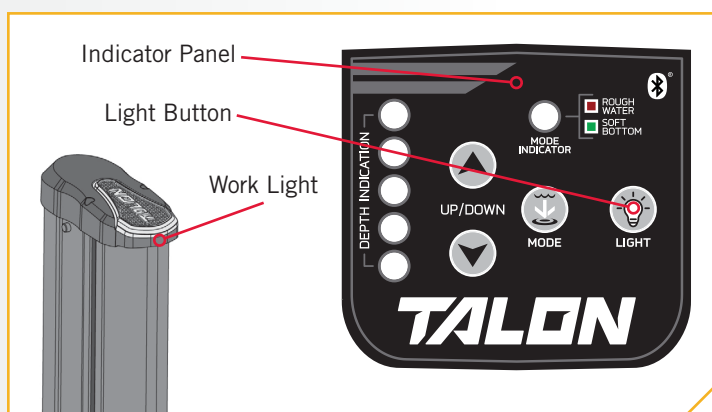
1

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. |

Indicator Panel

Light Button

Work Light

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.

Indicator Panel
Light Button
Work Light

///
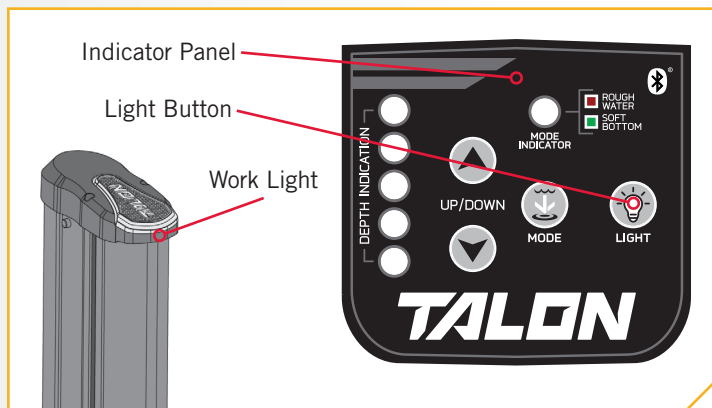
❯ Change the Intensity of the LEDs in the Indicator Panel

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.

Indicator Panel
Light Button

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Lanyard Attachment
Talon Selection LEDs
Mode LED
Anchor Mode Button
Talon Selection Button / Work Light Button
Lanyard Attachment
Auto Up/Down Buttons & Pairing Button
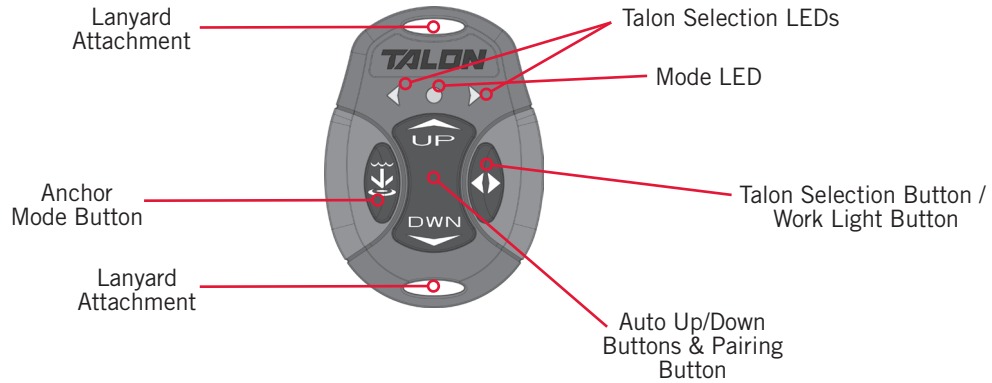
Anchor Mode Button

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.

\\

❯ 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.

Port   Starboard

Talon Selection LEDs

Talon Selection Button

Talon Remote

Auto Up/Down Buttons & Pairing Button

NOTICE: When two Talons are paired to the remote, the anchors may not be in sync when retracting and deploying.
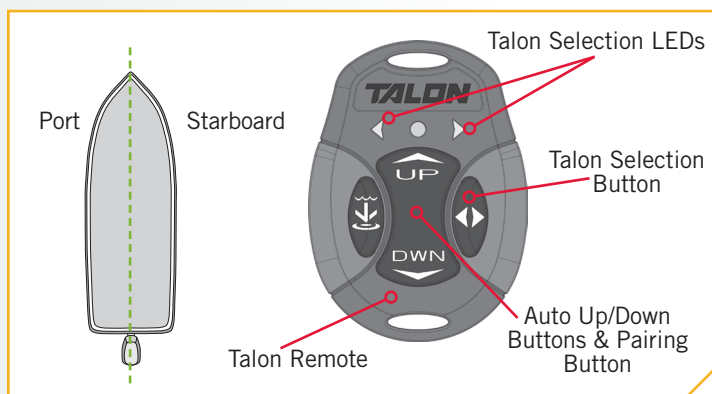
NOTICE: The Talon Remote will always remember the last selection made unless the remote or Talon lose power.

\\

❯ 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 [DWN] button on the Remote.

b. While the anchor is deploying, the action can be paused on the remote by pressing either the Down [DWN] button or Up [UP] button again.

c. The paused deployment can be resumed by double pressing the Down [DWN] 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.

Talon Remote

Talon Selection LEDs

Talon Selection Button

Auto Up/Down Buttons & Pairing Button

NOTICE: When two Talons are paired, the anchor of the selected Talon will deploy. The selection can be Port, Starboard, or both.
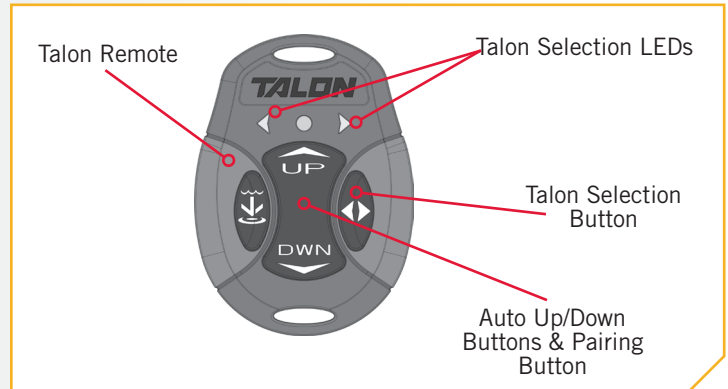
NOTICE: You do not need to hold the button to keep the Talon deploying. The Talon will automatically continue to deploy when the button is double pressed until it has reached its full deployment, received input to stop or anchors.

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.

Talon Remote

Talon Selection LEDs

Talon Selection Button

Auto Up/Down Buttons & Pairing Button

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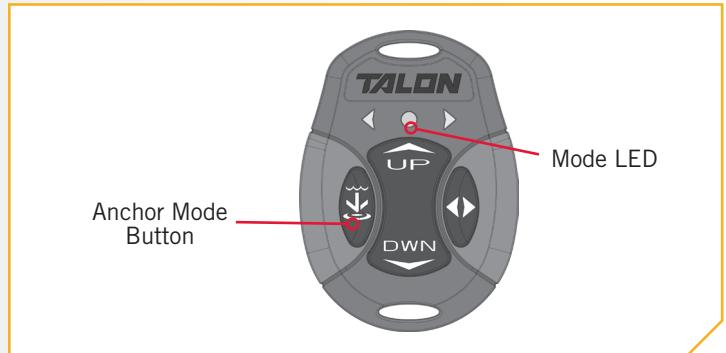
NOTICE: When the Talon is paired with a second Talon, pressing the Anchor Mode ⊕ button on the Talon will toggle the Mode for both Talons. Read the "Using the Talon" section of this manual to learn more about Modes.

Mode LED

Anchor Mode Button

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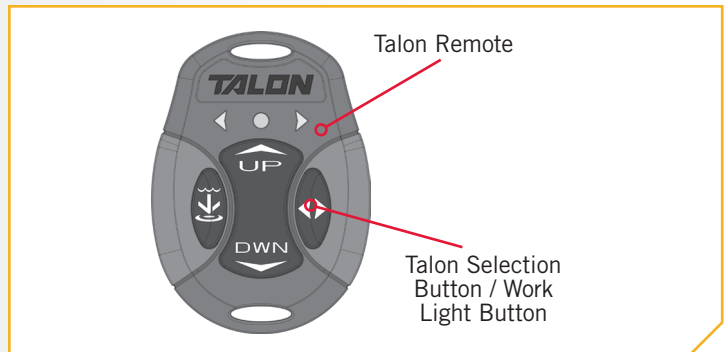
NOTICE: When the Talon is paired with a second Talon, pressing and holding the Talon Selection ⊕ button will toggle the light for both Talons. The six intensitied for the Work Light are white high, white medium, white low, blue high, blue medium and blue low.

Talon Remote

Talon Selection Button / Work Light Button

⚠ **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

Talon App Home Screen

Menu

Header

Depth Indication
(Single Talon)

Depth Indication
(Dual Talons)

Auto
Up

Auto
Down

App
Buttons

Bottom Mode

Footer

Talon Selection
(Dual Talons)

Work Light
Indicator

Work Light
Intensity and Color

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.
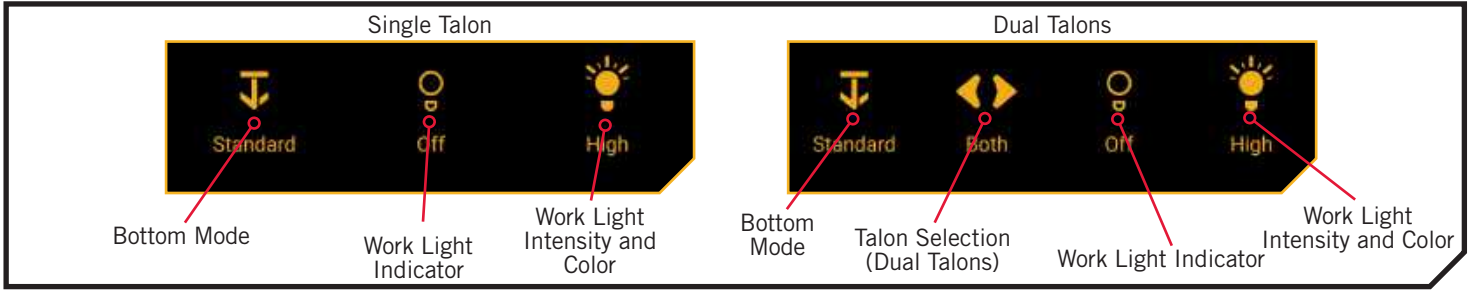
⚠ WARNING

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.

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FOOTER ❯

Single Talon	Dual Talons
Bottom Mode — Work Light Indicator — Work Light Intensity and Color	Bottom Mode — Talon Selection (Dual Talons) — Work Light Indicator — Work Light Intensity and Color

Standard Mode

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

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

Rough Water Mode

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

Soft Bottom Mode

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

Talons Selection - Both

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

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

Talon Selection - Left

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

Talon Selection - Right

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

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

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

Work Light Intensity - Low
Indicates that the Work Light Intensity is set to low.

Work Light Intensity - Medium
Indicates that the Work Light Intensity is set to medium.

Work Light Intensity - High
Indicates that the Work Light Intensity is set to high.

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

LAUNCHING THE APP & DEMO MODE ❯

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

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

The Setup Guide appears after the Disclaimer when the device is not paired or actively communicating with a Talon.
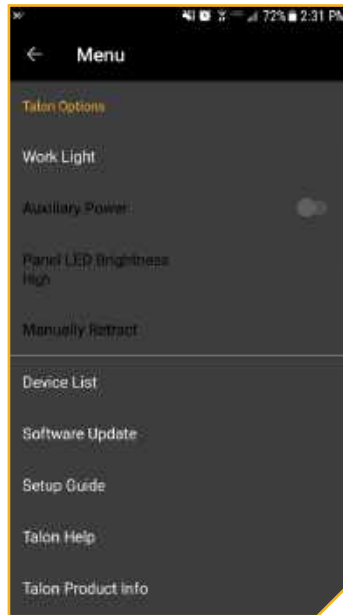
The Menu brings up a variety of control options for the Talon. The options will depend on if and how many Talons are paired.

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

TALON APP

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❯ 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 Indicat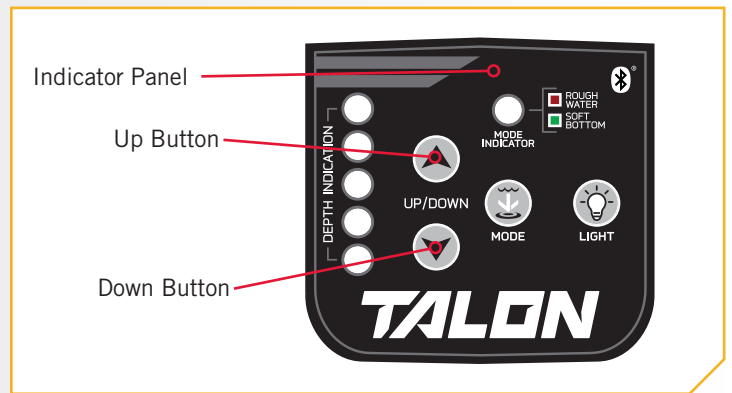or Panel. The Depth Indication LEDs will begin to flash blue. Once the LEDs are flashing, release the buttons on the Indicator Panel. The Talon will go into Pairing Mode for 30 seconds.

Indicator Panel
Up Button
Down Button

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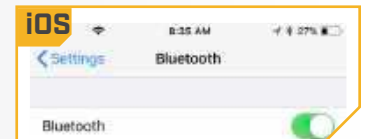
NOTICE: When the device Bluetooth is scanning for the Talon, the Talon must be in Pairing Mode. If the Talon or the device time out, the process on both will need to be re-initiated.

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 the 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.
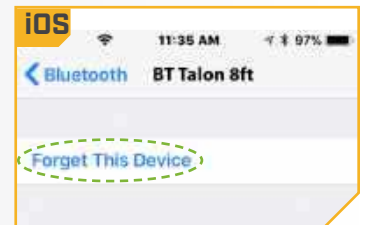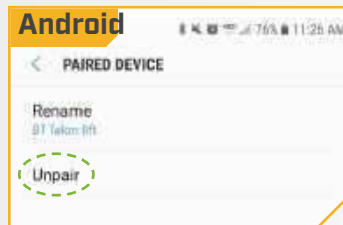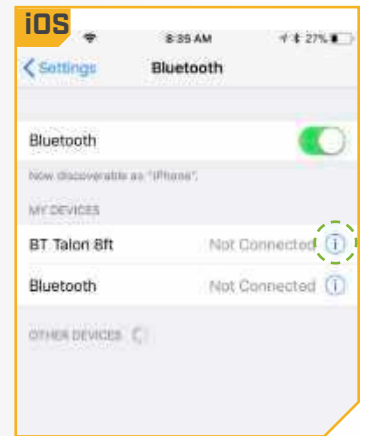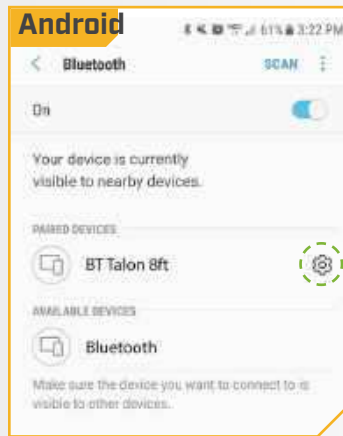
❯ Talon Control and Disable Auto-Lock

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

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› # 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.
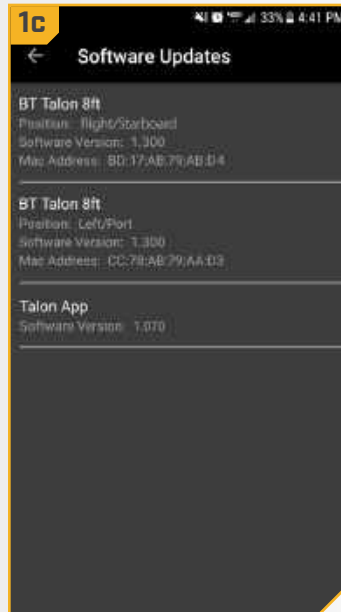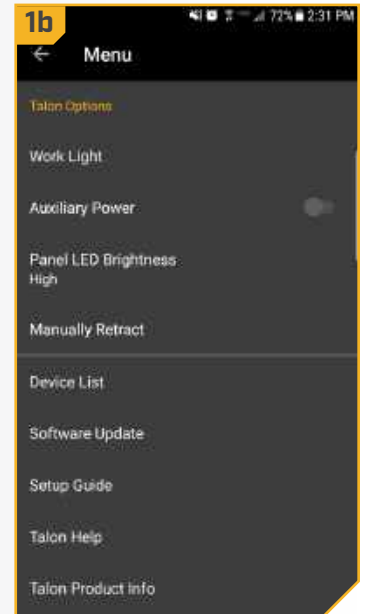
iOS ❯

❯ 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.

\\\

2
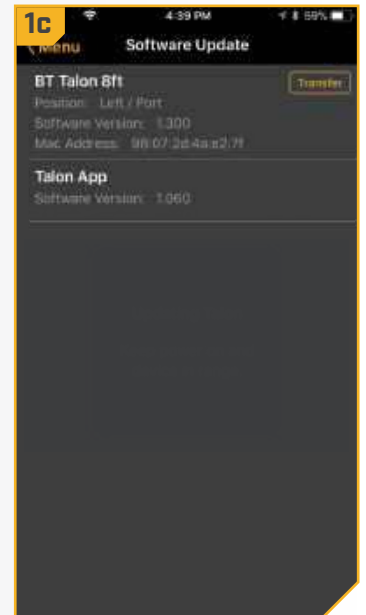
e. Once the update has been completely transferred to the Talon, the Talon will restart. The indicator lights will flash and the Talon will beep. The Software Update Screen will replace the icon showing progress with an Up to Date message.

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
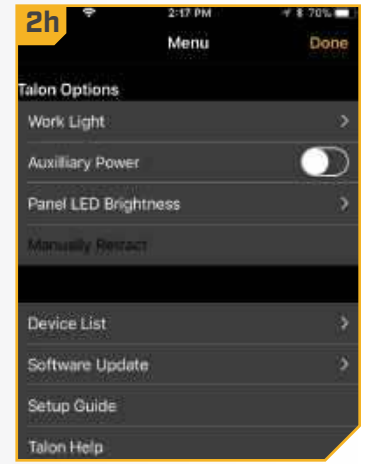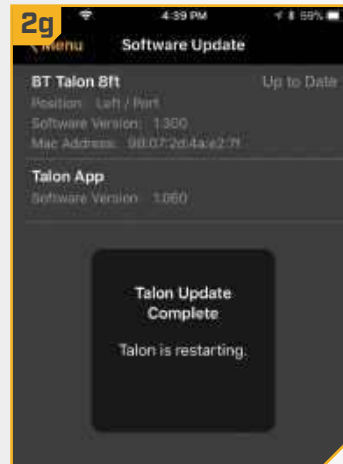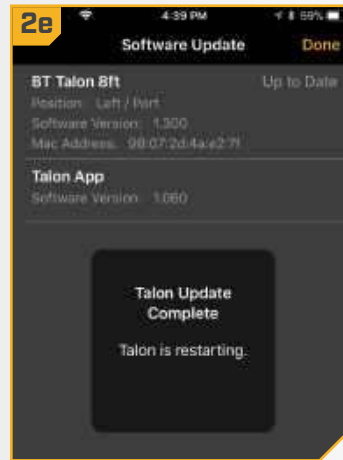
i. In addition to controlling the Talon, you can verify that the Talon is up-to-date my selecting the Menu and returning to the Update Software option and verifying that the Software Version listed for the Talon increased. The app will note if the Talon is Up to Date.

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.

3i
2:17 PM
Menu   Done

Talon Options

Work Light   >
Auxilliary Power   ⬤
Panel LED Brightness   >
Manually Retract

Device List   >
Software Update   >
Setup Guide
Talon Help
Talon Product Info
Register Your Talon

Units

3j
2:10 PM
Menu   Software Update

BT Talon 8ft   Up to Date
Position: Left / Port
Software Version: 1.360
Mac Address: 98.07.2d.4a.ec.3f

Talon App
Software Version: 1.070

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 transfered 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.
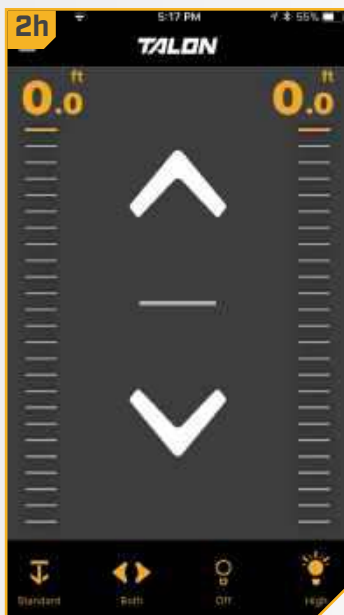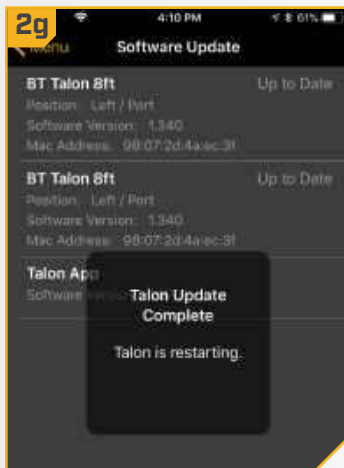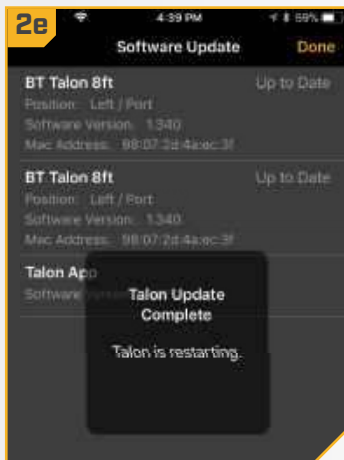
TALON APP

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3

i. In addition to controlling the Talons, you can verify that the Talons are up-to-date my 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.

3i

2:17 PM — 70%

Menu — Done

Talon Options

Work Light

Auxilliary Power

Panel LED Brightness

Manually Retract

Device List

Software Update

Setup Guide

Talon Help

Talon Product Info

Register Your Talon

Units

3j

4:10 PM — 61%

Menu — Software Update

BT Talon 8ft — Up to Date
Position: Left / Port
Software Version: 1.340
Mac Address: 98:07:2d:4a:ac:3f

BT Talon 8ft — Up to Date
Position: Left / Port
Software Version: 1.340
Mac Address: 98:07:2d:4a:ac:3f

Talon App
Software Version: 1.070

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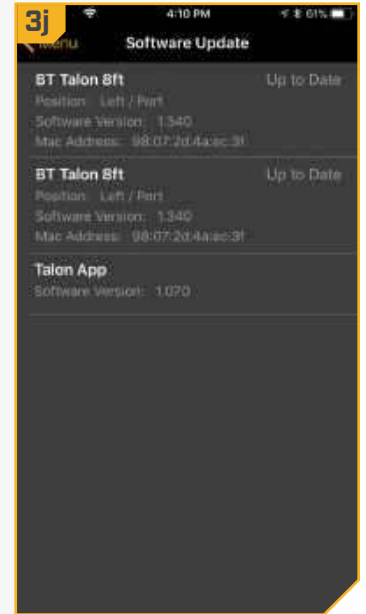
❯ Update a Single Talon from the Talon App with Android

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.

1b

1c
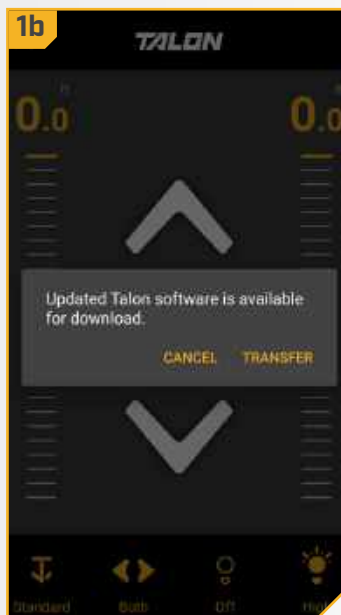
NOTICE: If the process was first canceled, and then the user returns to the Software Update Screen, a Transfer button will appear next to the Talon in memory that is not up-to-date actively communicating with the device. Select the Transfer Button to begin the Software Update process.

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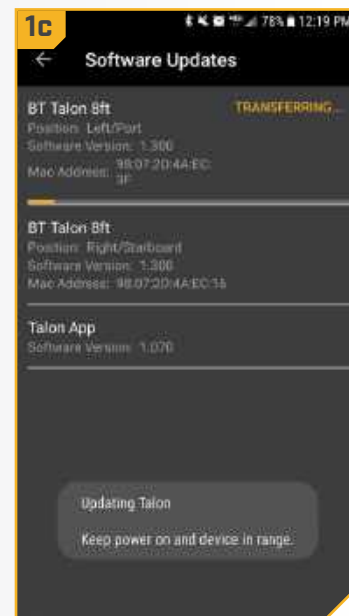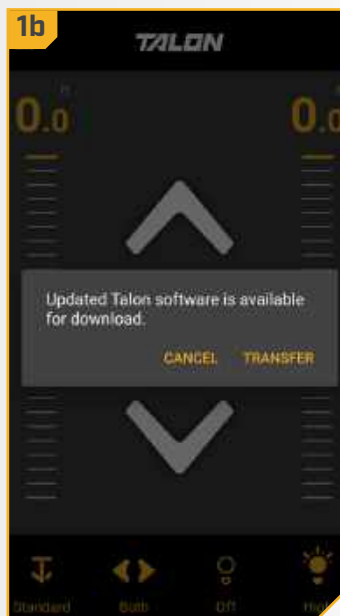
> **NOTICE:** If the process was first canceled, and then the user returns to the Software Update Screen, a Transfer button will appear next to one of the Talons in memory that are not up-to-date and are actively communicating with the device. Select the Transfer Button next to the Talon. With the Talons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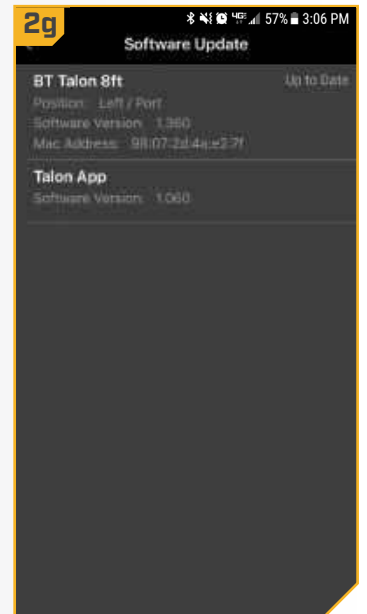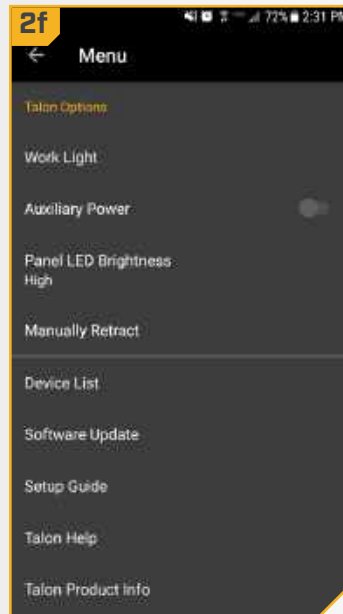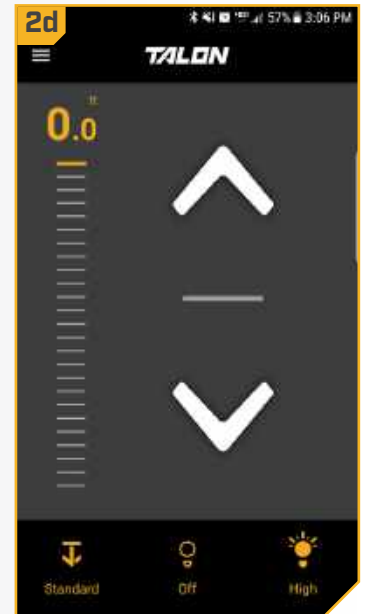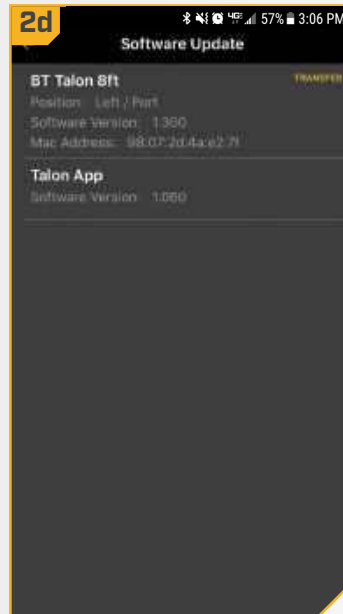
TALON APP

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

a. 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.

b. 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

Remote Back

Arrow

Unlock Icon

Battery Cover

Unlock Icon

Arrow
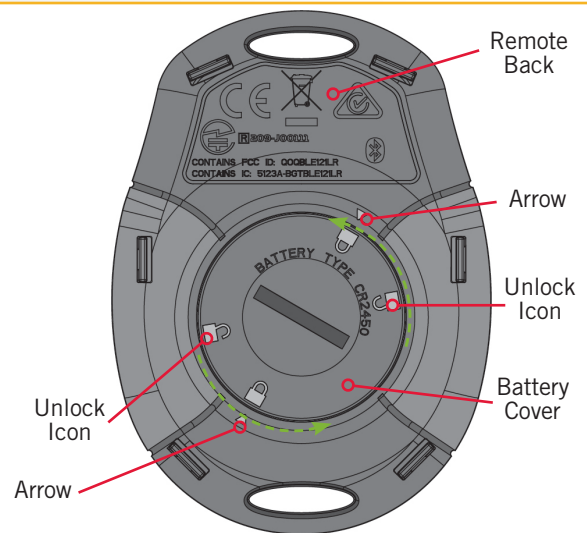
REPLACING THE BATTERY

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.

Battery Cover

Remote Back
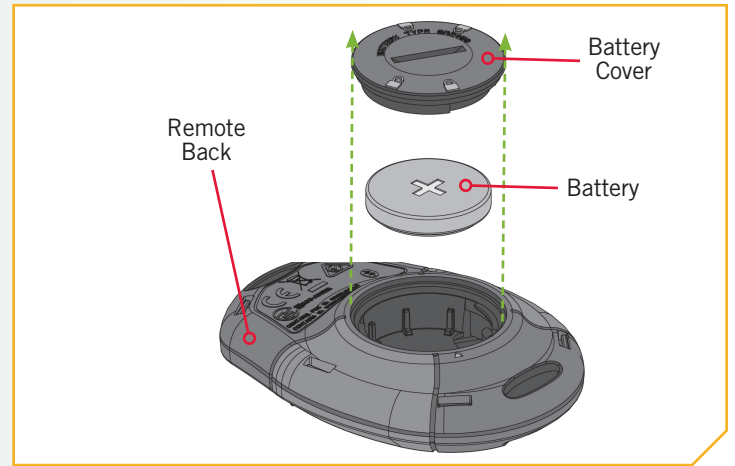
Battery

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.

3e

Remote Back

Arrow

Lock Icon

Battery Cover

Lock Icon

Arrow

3d

Battery Cover

O-ring

Battery

Remote Back
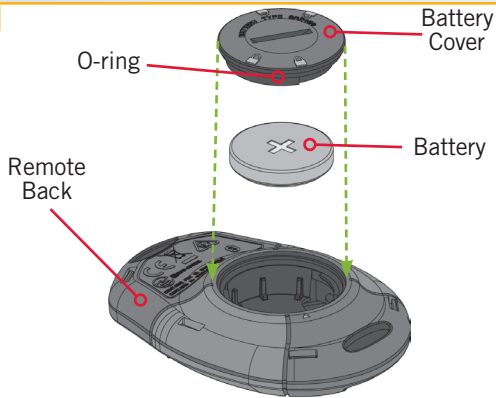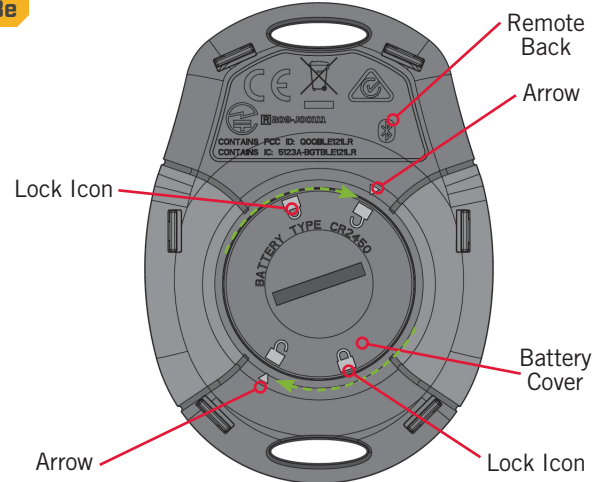
PAIRING A REMOTE TO A SINGLE TALON

Every Talon comes direct from the factory with a remote 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.

Up Button
Down Button
Indicator Panel
Talon Remote
Talon Selection LEDs
Auto Up/Down Buttons & Pairing Button
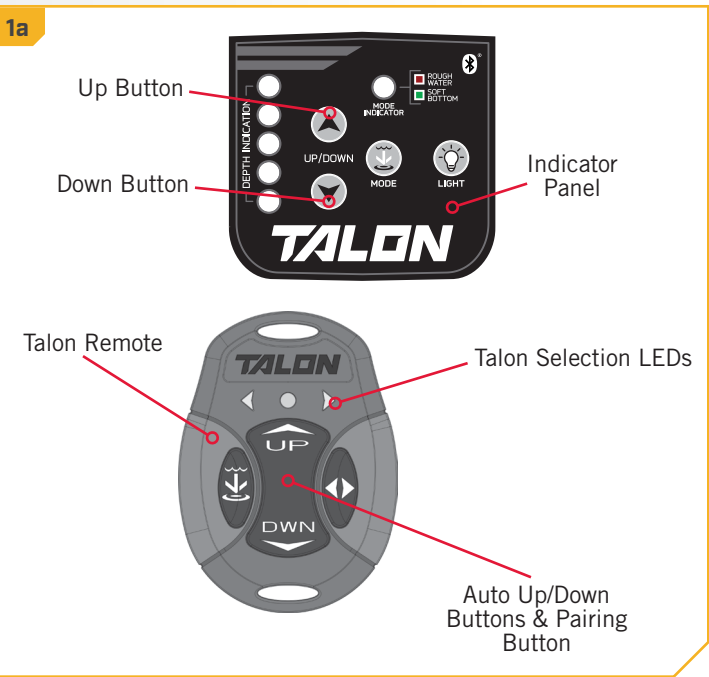
PAIRING TWO TALONS AND PROGRAMMING THE MOUNTING LOCATION

PAIRING TWO TALONS AND PROGRAMMING THE MOUNTING LOCATION

Every Talon comes direct from the factory with a remote 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.

Up Button — Indicator Panel

Talon 1 — Up Button — Down Button — Indicator Panel
Talon 2 — Up Button — Down Button — Indicator Panel

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.

Mode Indicator LED — Starboard Talon — Up Button

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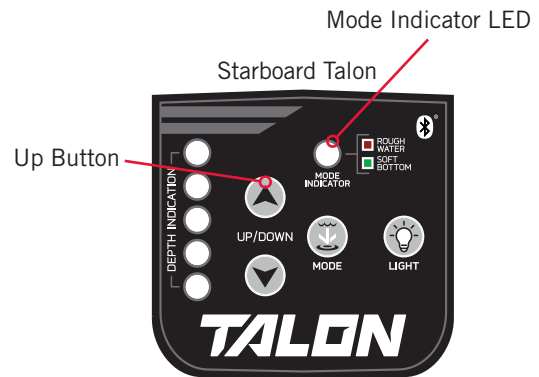
PAIRING A REMOTE TO TWO TALONS

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.

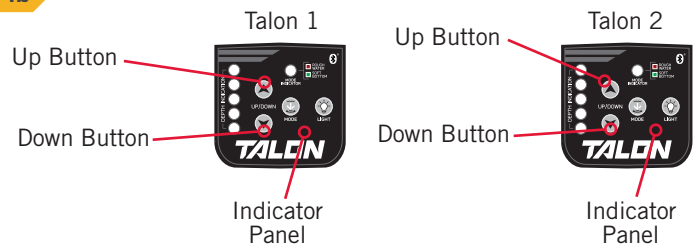e. If the Pair is unsuccessful, repeat the process.

Up Button · Indicator Panel · Down Button

Talon Selection LEDs · Talon Remote · Talon Selection Button · Auto Up/Down Buttons & Pairing Button

\\
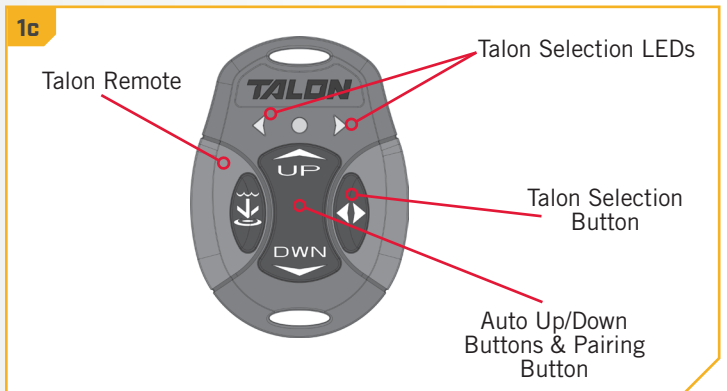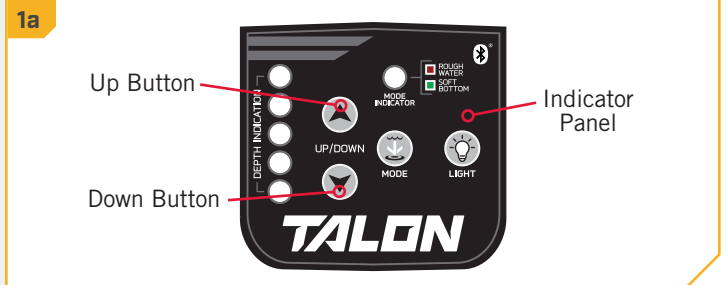
CLEARING PAIRED REMOTES OR DEVICES FROM THE TALON

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".

Up Button · Indicator Panel · Down Button

\\
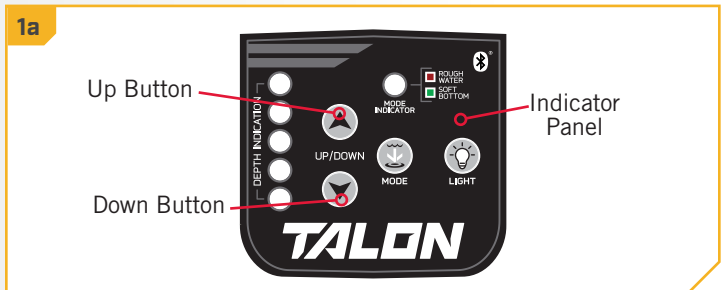
CLEARING PAIRED REMOTES OR DEVICES FROM THE TALON

//

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.

Power Cable

Deployment Notification Alarm Wire

Negative Lead

Fuse Assembly

Positive Lead

//
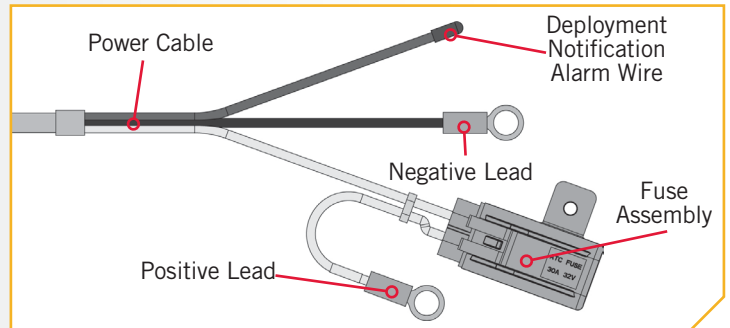
CLEARING PAIRED TALONS FROM THE REMOTE

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 Paring the Remote to a Talon will clear all paired Talons.

Talon Selection LEDs

Auto Up/Down Buttons & Pairing Button

//
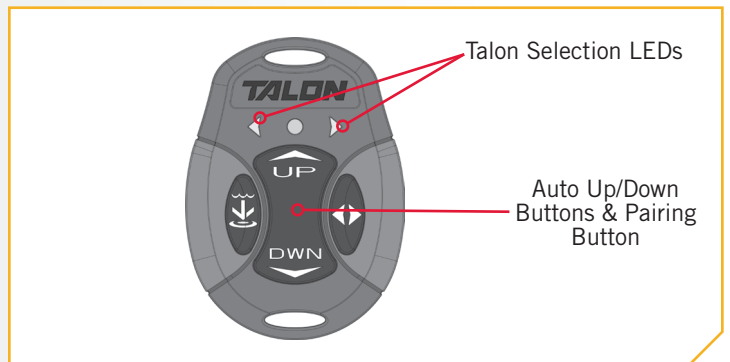
MANUALLY RETRACT THE TALON

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 not slip and fall when adjusting the Manual Retraction Hex-Drive.

1a

Up Button

Indicator Panel

1b

Manual Retraction Hex-Drive

//
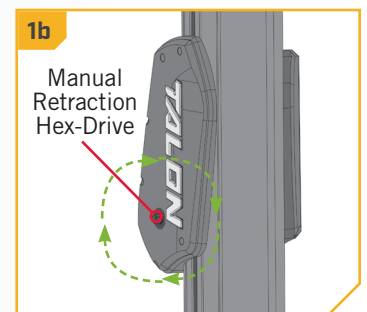
2

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 — Manual Retraction Hex-Drive

2d — Up Button / Indicator Panel
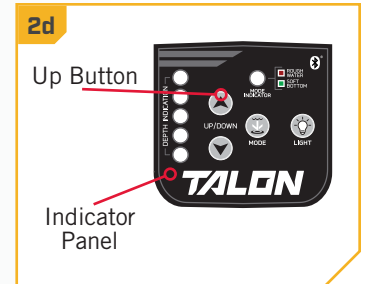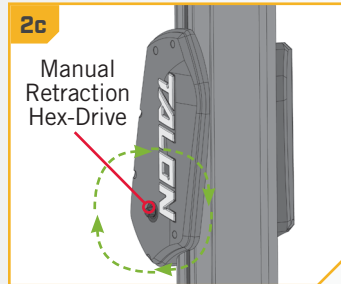
NOTICE: Once the Talon is put into Manual Retraction Mode, it will stay in this mode for 30 minutes.

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 that 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 — Up Button / Indicator Panel / Auto Up/Down Buttons & Pairing Button / Talon Remote
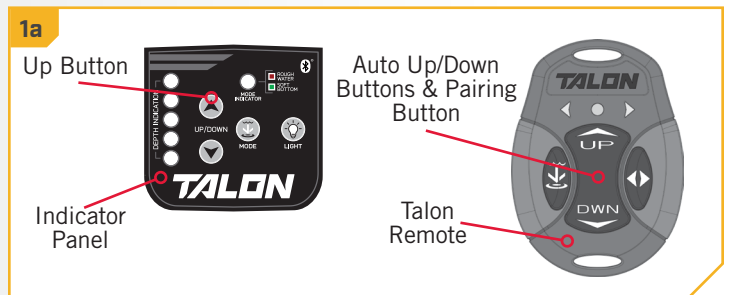
NOTICE: If this is typical for the areas where you fish, Minn Kota strongly recommends using the Soft-Bottom Mode.

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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 that 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.

1a — Cover

1b — Breaker Button, Fuse

1c — Seal, Cover

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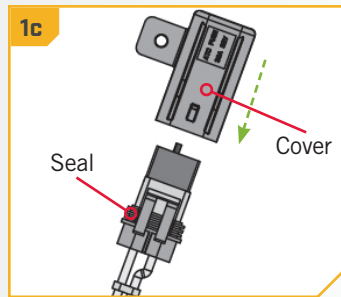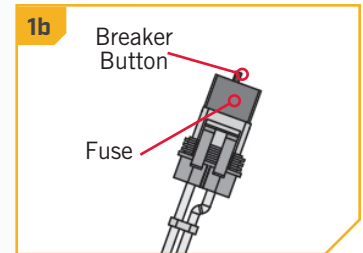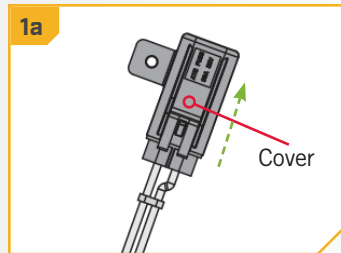
REPLACING THE SPIKE

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

INSTALLATION ❯

1

a. 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 or on a flat surface.

b. 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.

Down Button
Indicator Panel
Talon Remote
Auto Up/Down Buttons & Pairing Button

Third Stage
Second Stage
First Stage

2

c. Locate the Spike Isolator Retainer Pin in the Second Stage of the Talon. Carefully remove the Retainer Pin using a Pin Punch and Hammer.

d. Set the Spike Isolator Retainer Pin aside for later use, in reassembly. Slide the Spike Isolator along the Spike, away from the Second Stage.

e. 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.

2c
Second Stage
Spike Isolator Retainer Pin
First Stage/Spike

2c
Second Stage
Spike Isolator Retainer Pin
First Stage/Spike

2d
Debris Channel Tab
Spike Isolator Retainer Pin
Second Stage
Spike Isolator
First Stage/Spike

2e
Debris Channel Tab
Second Stage Debris Shield
Spike Isolator Retainer Pin
First Stage/Spike
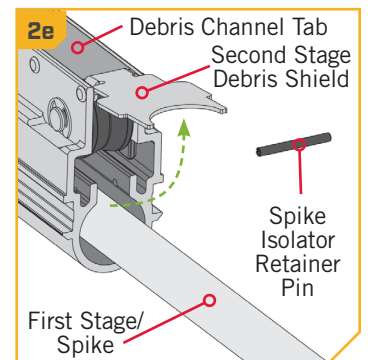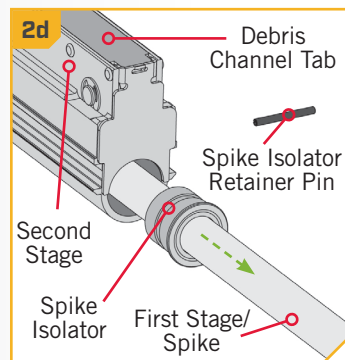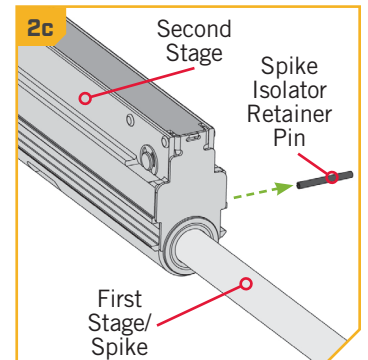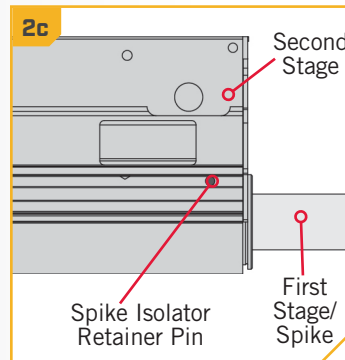
REPLACE THE SPIKE

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.

Second Stage Debris Shield
Spike Retainer
Spike Retainer Screw
O-ring
First Stage/ Spike
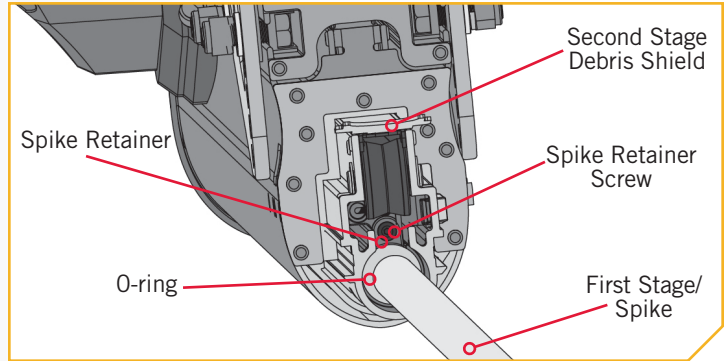
4

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.

Raised Ring
Groove
Spike
O-ring
Spike Isolator
Spike Retainer
Spike Isolator Screw
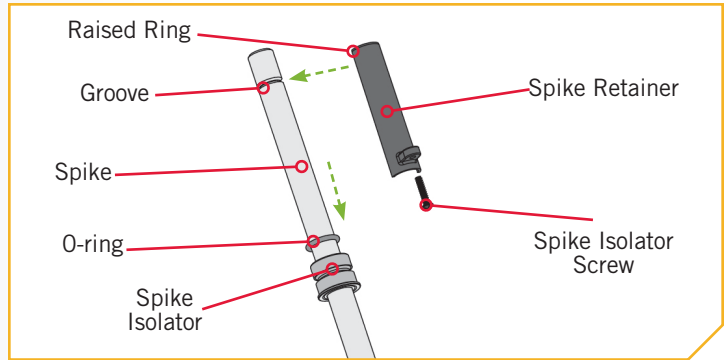
5

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.

5k

Second Stage Debris Shield
Second Stage
Spike Retainer Screw
Spike Isolator
Spike
O-ring
Spike Retainer

5l

Second Stage
Second Stage Debris Shield
Spike Isolator Retainer Pin
First Stage/ Spike

5m
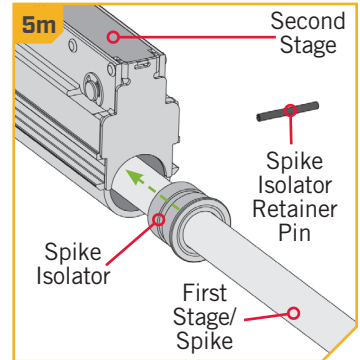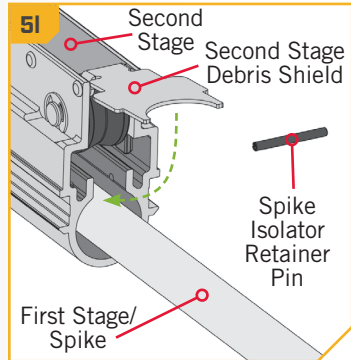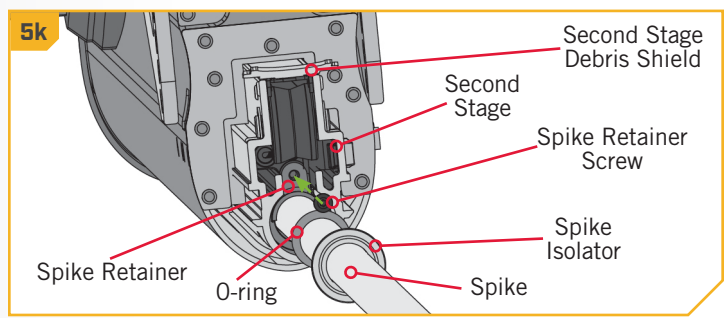
Second Stage
Spike Isolator Retainer Pin
Spike Isolator
First Stage/ Spike

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.

6n

Second Stage

Spike Isolator Retainer Pin

First Stage/ Spike

6p

Up Button

Indicator Panel

Talon Remote

Auto Up/ Down Buttons & Pairing Button

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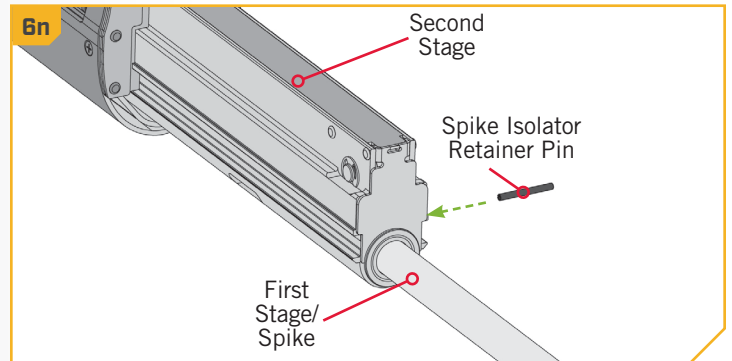
GENERAL MAINTENANCE

⚠ **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.

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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.

NOTICE: For all other malfunctions, visit an Authorized Service Center. You can search for an Authorized Service Center in your area by visiting our Authorized Service page, found online at minnkotamotors.com, or by calling our customer service number at 800-227-6433.

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FOR FURTHER TROUBLESHOOTING AND REPAIR

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FOR FURTHER TROUBLESHOOTING AND REPAIR

We offer several options to help you troubleshoot and/or repair your product. Please read through the options listed below.

Buy Parts Online

You can buy parts on-line directly from our website at minnkotamotors.com. Orders confirmed by 12 Noon Central Time, with Overnight Shipping selected, should ship the same business day if the parts are in stock. All other orders should ship within the next 3 business days, depending on the shipment method chosen, and if the parts are in stock.

Frequently Asked Questions

We have FAQs available on our website to help answer all of your Minn Kota questions. Visit minnkotamotors.com and click on "Frequently Asked Questions" to find an answer to your question.

Call Us (for U.S. and Canada)

Our consumer service representatives are available Monday – Friday between 7:00 a.m. – 4:30 p.m. CST at 800-227-6433. If you are calling to order parts, please have the 11-character serial number from your product, specific part numbers, and credit card information available. This will help expedite your call and allow us to provide you with the best consumer service possible. You can reference the parts list located in your manual to identify the specific part numbers.

Email Us

You can email our consumer service department with questions regarding your Minn Kota products. To email your question, visit minnkotamotors.com and click on "Support".

Authorized Service Centers

Minn Kota has over 800 authorized service providers in the United States and Canada where you can purchase parts or get your products repaired. Please visit our Authorized Service Center page on our website to locate a service provider in your area.
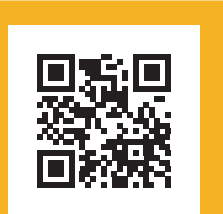
Scan to visit Minn Kota service online.

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.
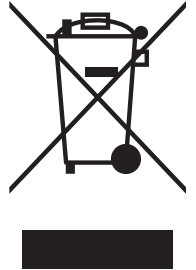
DISPOSAL

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

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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

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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
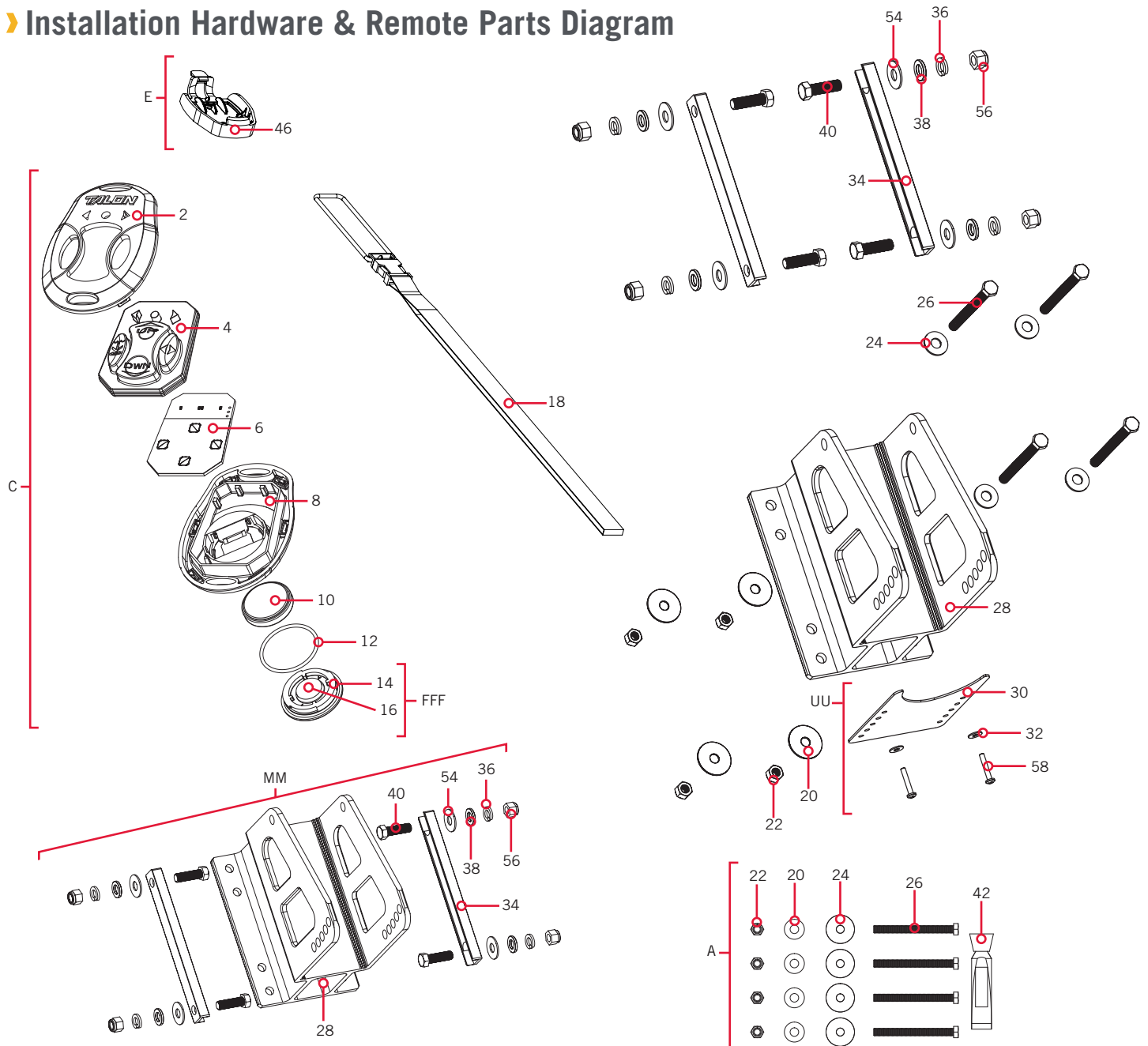
PARTS DIAGRAM & PARTS LIST

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› Installation Hardware & Remote Parts List

Assembly	Part #	Description	Quantity
A	2994903	TALON HARDWARE BAG ASSY	1
C	2994150	TRANSMITTER ASM, TALON 3	1
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, BTTM, 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.*

TALON MOTOR ❯

❯ Motor Parts Diagram
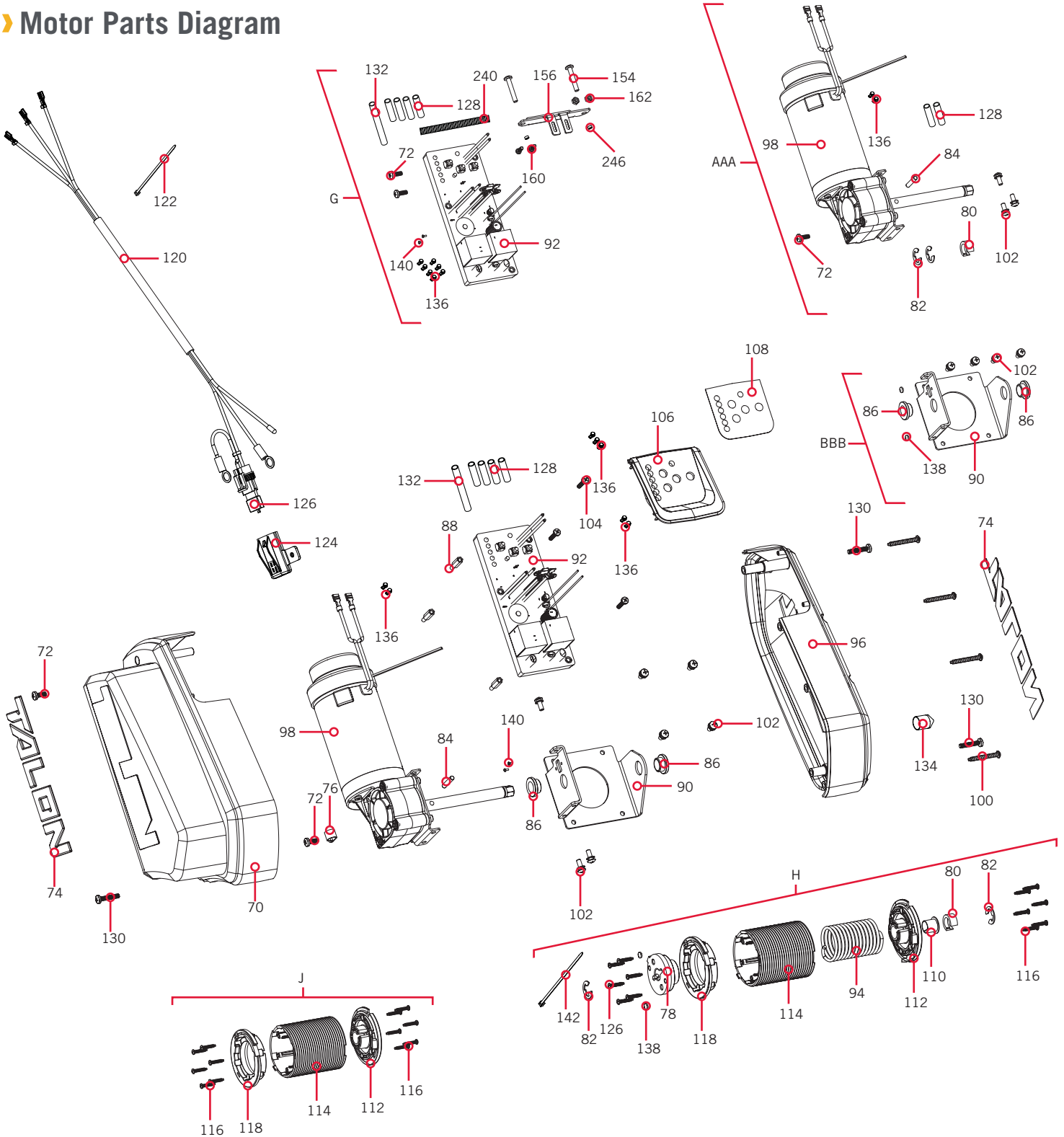
PARTS DIAGRAM & PARTS LIST

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› 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
70	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
96	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	2303434	SCREW-8-32 X 5/8 PPMS 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
106	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
108	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.*

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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	2370279	CAP-RESETTABLE FUSE HOLDER	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.*

TALON OUTER EXTRUSION ❯

❯ Outer Extrusion Parts Diagram
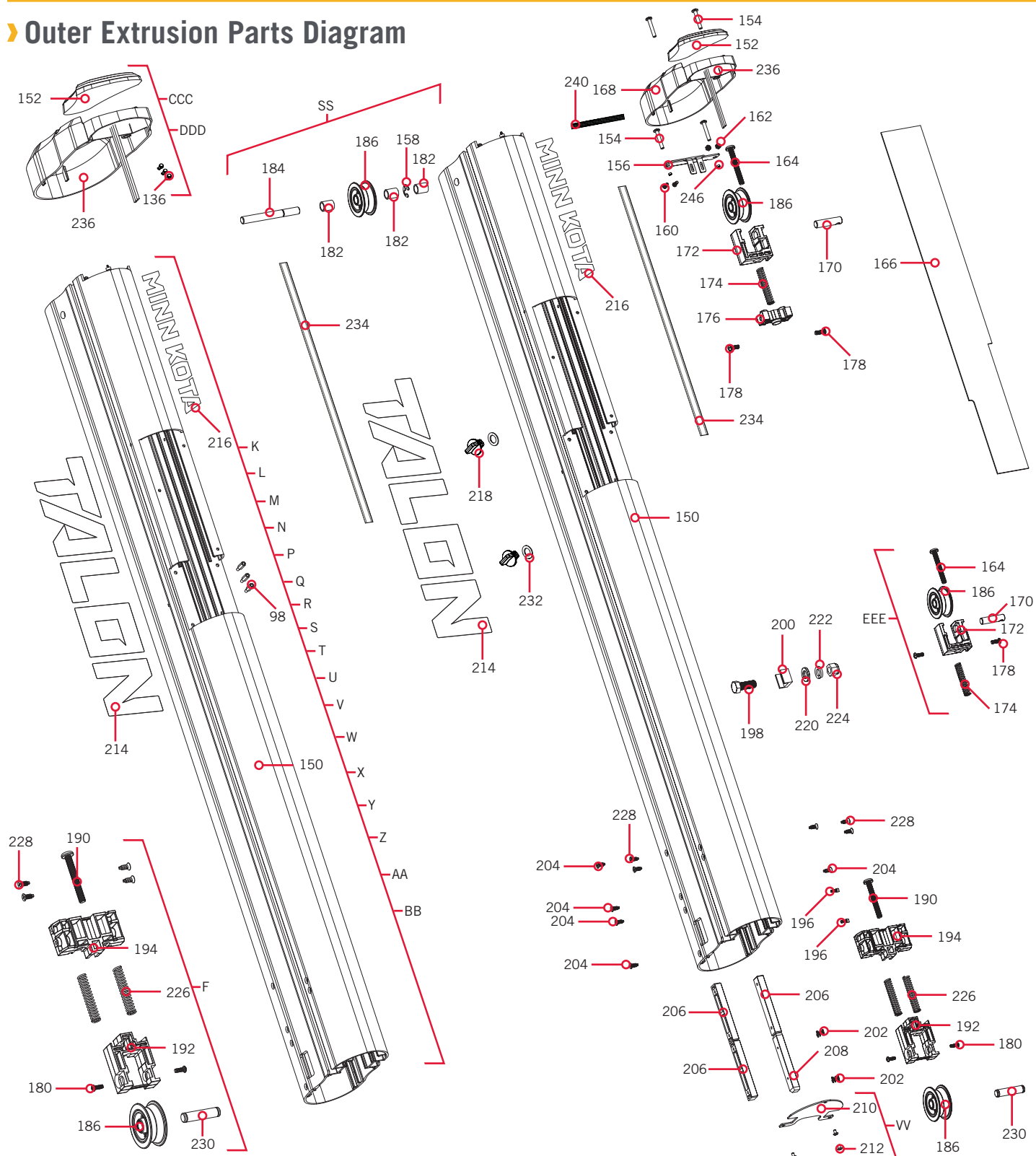
› Outer Extrusion Parts List

Assembly	Part #	Description	Quantity
F	2273631	EXTENSIONER CABLE TENSIONER KT	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

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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.*

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.*

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TALON STAGE THREE ❯

❯ Stage Three Parts Diagram
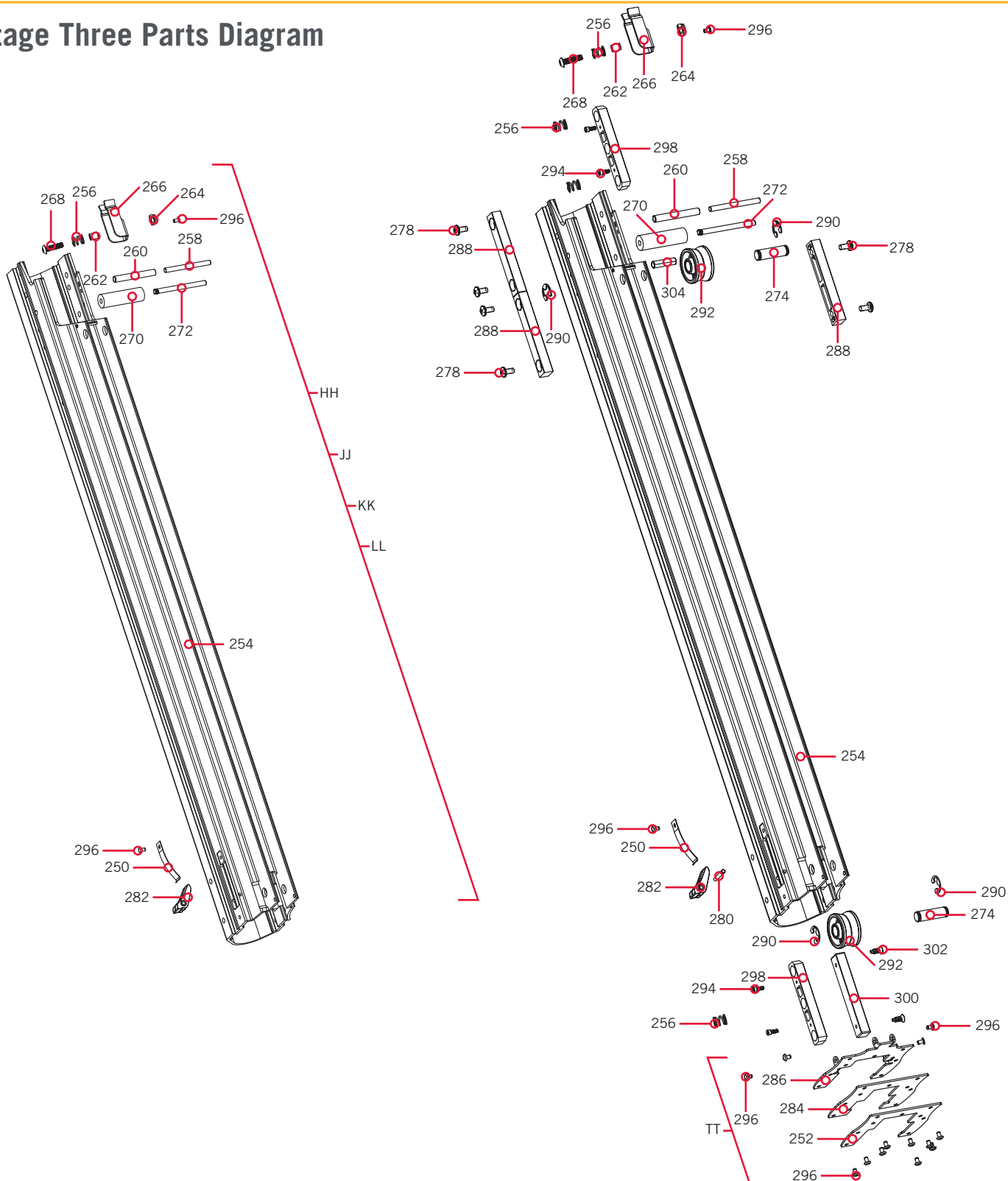
› Stage Three Parts List

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
254	2378092	THIRD STAGE MACHINED 10', TALON 3 *10FT*	1
254	2378093	THIRD STAGE MACHINED 12', TALON 3 *12FT*	1
254	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.*

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❯ Stage Two & One Parts Diagram

These are only installed on 12' and 15' Talons.

These are only installed on 12' and 15' Talons.

❯ **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

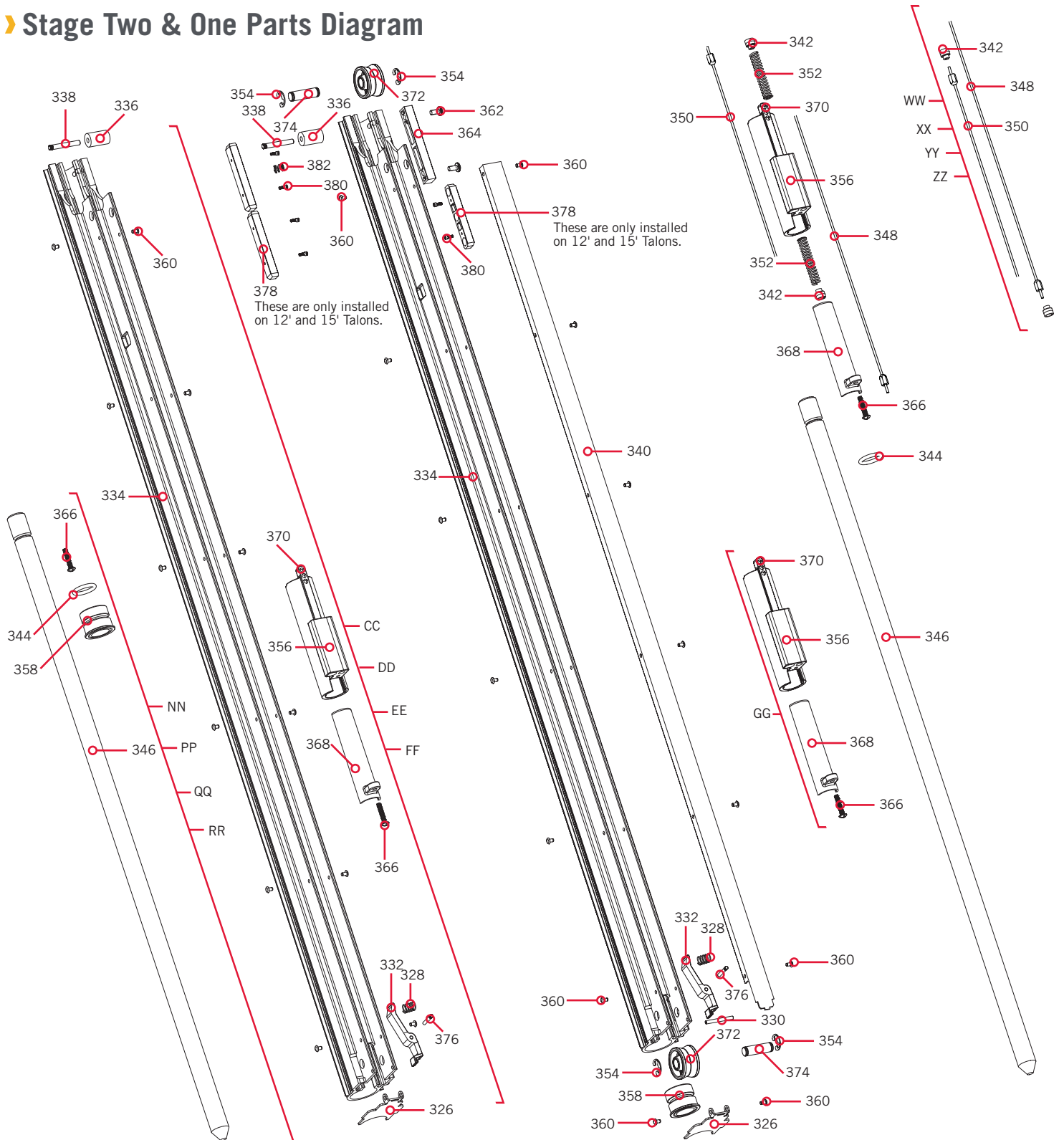✖ *This part is included in an assembly and cannot be ordered individually.*

▲ *Not shown on Parts Diagram.*

PARTS DIAGRAM & PARTS LIST

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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.*

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NOTES

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

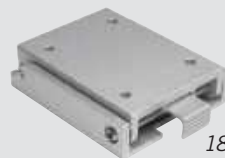Sandwich-Style
Adapter Bracket

1810340

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.
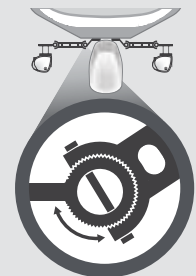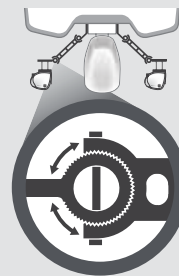
TALON TILT BRACKET ❯

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