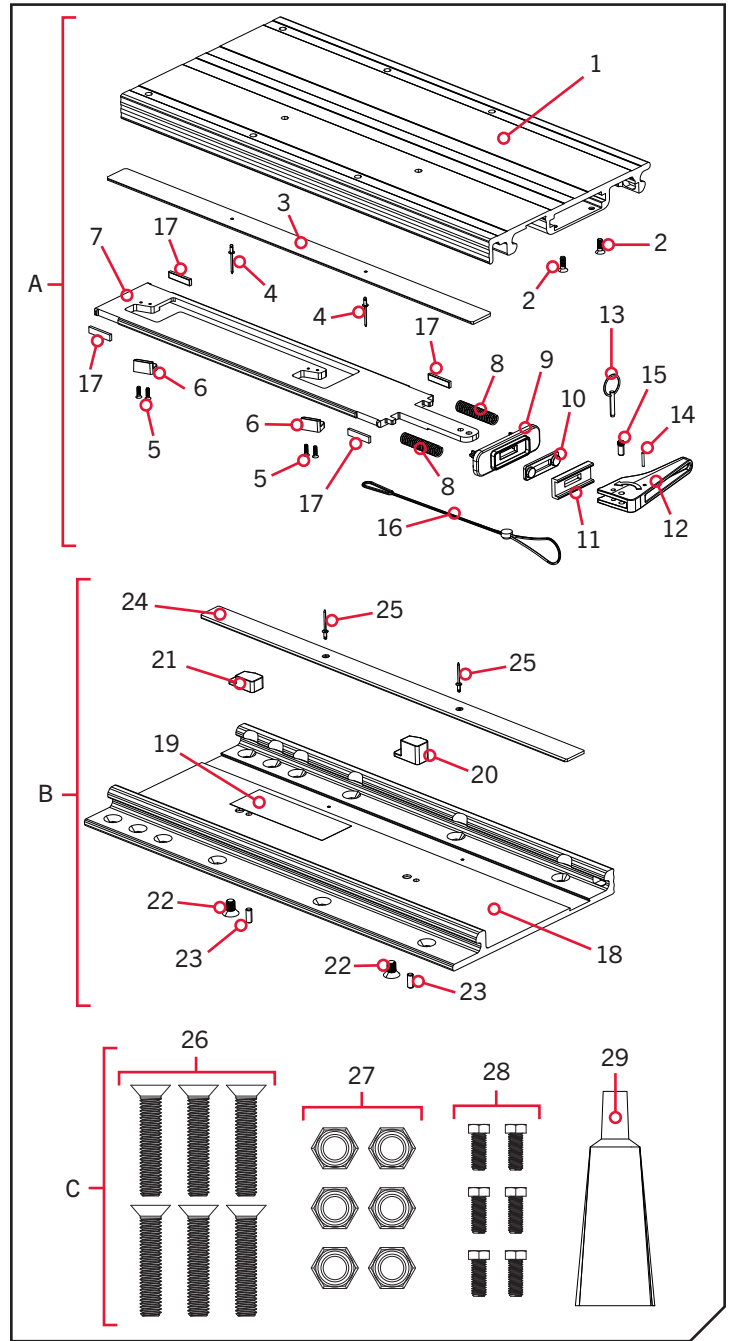


The MKA-57 is compatible with freshwater and saltwater electric-steer, bow-mount, QUEST series trolling motors, including the Riptide Instinct, Ulterra, Riptide Terrova and Terrova.

Item/Assembly	Part #	Description	Qty.
A Items 1-17	2778972	TOP PLATE KIT BL ALUM QRB	1
1	2381972	PLATE-TOP, ANODIZED	1
2	2383432	SCREW-#12 X 5/8 TYPE B PFH	2
3	2373626	WEAR STRIP, HDPE	1
4	2388630	RIVET-POP, 1/8 X 1/8 ALUM.	2
5	2383491	SCREW-#6-32 X 1/2" PFH SS	4
6	2373625	DRAW BAR WEAR STRIP	2
7	2373613	DRAW BAR, ANODIZED	1
8	2222716	SPRING, COMPRESSION OD.480	2
9	2373261	STOP, DRAW BAR	1
10	2225110	PAD, URETHANE, QCK ATTACH	1
11	2381948	EXTRUSION BACKER, MACH, ES QRB	1
12	2378475	CAM ARM HANDLE	1
13	2372623	PIN W/RING, QRB	1
14	2372644	PIN-ROLL, .093 x 5/8" SS	1
15	2262635	PIN-ROLLER, S/S	1
16	2373650	LANYARD ELECTRIC STEER, QRB	1
17	2373627	DRWBAR WEAR STRP, UHMWPE, BLK	4
B Items 18-25	2778977	BOTTOM PLATE KIT BL ALUM QRB	1
18	2381977	PLATE-BOTTOM, ANODIZED	1
19	2225615	DECAL-WARNING, MNT PLATE	1
20	2377918	CAM PUCK BACK ELECTROPOLISH	1
21	2377919	CAM PUCK FRONT ELECTROPOLIS	1
22	2383488	SCREW-3/8-16 X 5/8" PFH SS	2
23	2382682	PIN-DOWEL, 1/4" X 5/8" SS	2
24	2373626	WEAR STRIP, HDPE	1
25	2388630	RIVET-POP, 1/8 X 1/8 ALUM.	2
C Items 26-29	2994945	BAG ASM, ELEC. STEER QRB	1
26	2383489	SCREW-3/8-16 X 2" PFH SS	6
27	2383122	NUT 3/8-16 NYLON INST LOCKNUT	6
28	2353412	SCREW-3/8-16 X 1.0" HHCS SS	6
29	2378608	ANTI SEIZE TUBE, 4CC, TALON	1
▲	2377178	MANUAL, ELEC. STEER QRB	1



▲ Not shown on Parts Diagram.

## WARNING

You are responsible for the safe and prudent operation of this product. Minn Kota has designed this accessory to be a reliable and convenient tool. Use only as directed and only for the designed intent of the product. Installation should occur in an area free from hazards and obstacles. This product does not relieve you from the responsibility for safe operation.

## TOOLS AND RESOURCES REQUIRED >

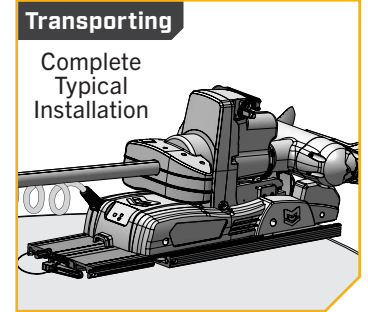
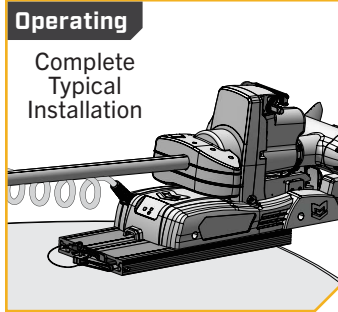
- #3 Phillips Screwdriver
- #4 Phillips Screwdriver
- Needle-nose Pliers  
(for Terrova and RT Terrova)
- Awl or similar Marking Tool
- Drill
- 13/32" Drill Bit
- 9/16" Box End/Open End Wrench
- A second person to help with the installation

## MOUNTING CONSIDERATIONS >

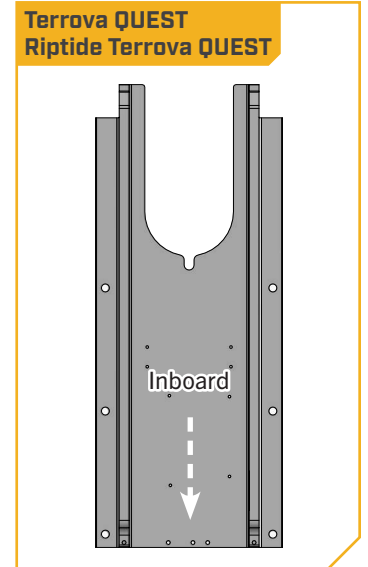
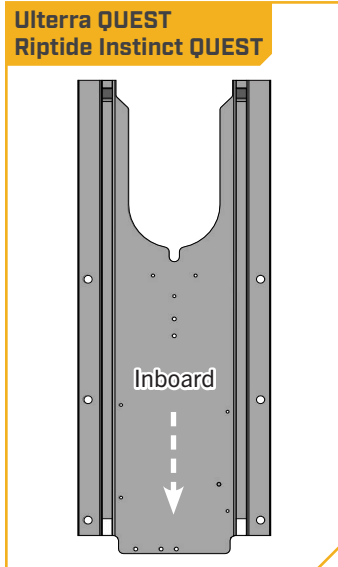
The MKA-57 Quick Release Bracket is designed to be locked in two different positions. The first position aligns the Top Plate and Bottom Plate and locks them in place with the Cam Lever. This position is used when the motor is operating. The second position allows the Top Plate to slide inboard 10 inches before it is locked in place. This position is used during transport.

When checking motor clearance for a mounting location, give consideration to the following:

1. The MKA-57 is compatible with freshwater and saltwater electric-steer, bow-mount, QUEST series trolling motors, including the Riptide Instinct QUEST, Ulterra QUEST, Riptide Terrova QUEST and Terrova QUEST. The base extrusion of the trolling motors may vary. Please note the appearance of the base extrusion for each trolling motor.
2. It is recommended that the motor be mounted as close to the centerline or keel of the boat as possible. Installation of the Bottom Plate requires the use of all six mounting bolts. Mounting bolts spaced furthest apart will create the most stability. Ensure that the mounting location is flat and that the area under the mounting location is clear to drill holes and install hardware.



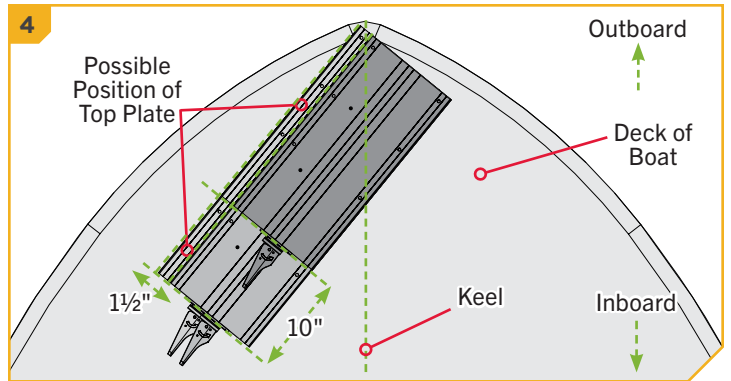
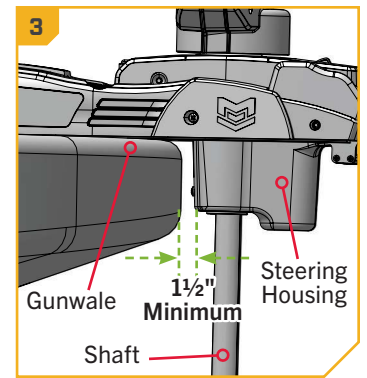
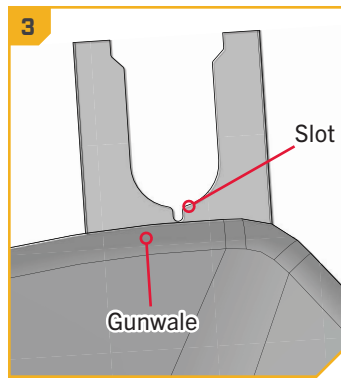
**NOTICE:** Images are a graphical representation and may vary slightly from your motor.



## CAUTION

An incorrectly secured trolling motor may cause injury. Installation of the Bottom Plate requires the use of all six mounting bolts. Ensure that the mounting location is flat and that the area under the mounting location is clear to drill holes and install hardware. Avoid injury from an incorrectly secured trolling motor by following the installation instructions.

3. The motor must not encounter any obstructions as it is lowered into the water or raised into the boat when stowed and deployed. In the stowed position, place the motor so that the slot in the Base Extrusion is positioned beyond the boat Gunwale. For proper clearance, the entire slot must be visible beyond the Gunwale. When the motor is deployed, there must be a minimum required distance of 1½" between the Gunwale and the bottom of the Steering Housing and Shaft.
4. Check for obstructions around the Top Plate and motor when they are in all possible positions. The Top Plate moves sideways approximately 1½" and also slides inboard 10". This allows the motor to be moved for trailering, transport or a boat cover without being removed. With this movement in mind, make sure to check for additional obstructions such as lights or a windshield.



**NOTICE:** Make sure that the motor will not encounter any obstructions when sliding on and off the Bottom Plate. When mounting, the exact placement of the motor and MKA-57 may vary depending on the boat, boat deck, and base extrusion that the Top Plate is mounted to.

5. This installation requires the use of hardware that was included with your trolling motor. Six Backup Bars (Part #2371796) and six Rubber Washers (Part #2321710) from the motor hardware bag assembly (Part #2994948) are required.
6. With the motor in the stowed position, ensure that there is enough room for the Shaft and Control Head and that they do not extend off the side of the boat.

**NOTICE:** The mounting surface for the Bottom Plate must be completely flat. Rubber Washers (Part #2321710) can be used to shim the Bottom Plate flat before hardware is tightened. The Top Plate will not fit correctly unless the Bottom Plate is installed completely flat.

## > Opening the Bracket

1

### ITEM(S) NEEDED



- Take the MKA-57 Quick Release Bracket, which consists of the Top Plate (Assembly #A) and the Bottom Plate (Assembly #B). The Top Plate will be attached to the trolling motor, while the Bottom Plate will be installed to the boat deck.
- Note the Cam Lever attached to the Top Plate. The Plates are held together when the Cam Lever is locked and secured with a Pin. Remove the Pin from the Cam Lever to release the Lever.

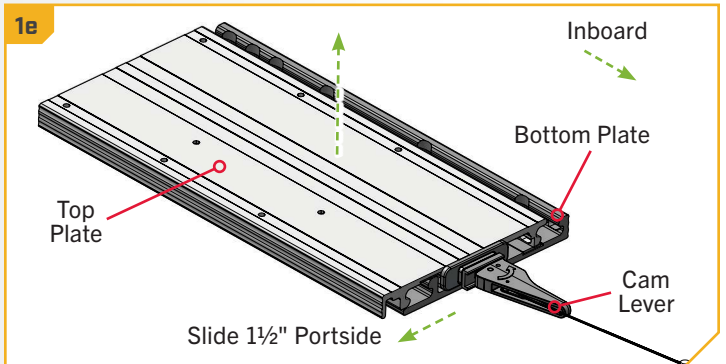
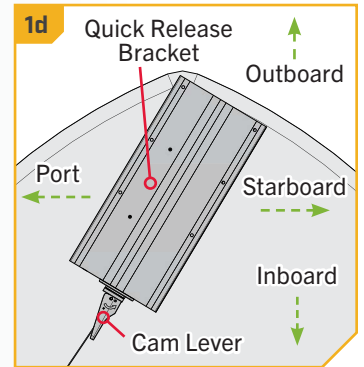
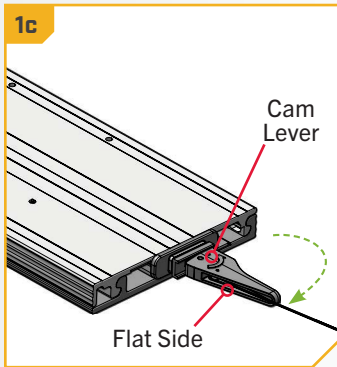
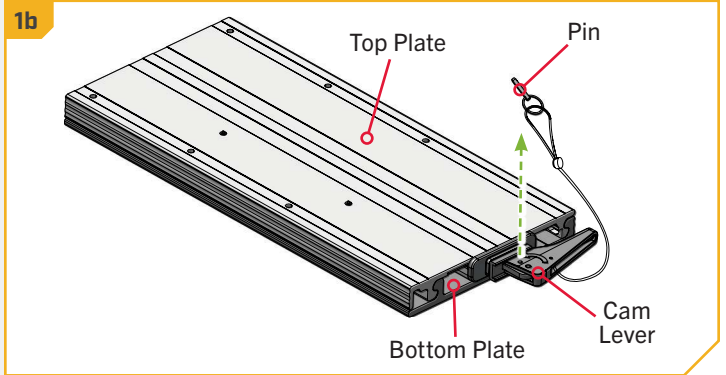
**NOTICE:** The Cam Lever will only open and close in one direction, indicated by the arrow on the Cam Lever.

## CAUTION

Watch for pinch points. The space between the Cam Lever and Plates can create a pinch point when closing the Cam Lever. To avoid the pinch points, use an open palm against the flat side of the Cam Lever to push the Cam Lever closed.

- Open the Cam Lever by pulling it away from the Quick Release Bracket.
- When the Top Plate is attached to the Base Extrusion of the trolling motor, the end of the Top Plate with the Cam Lever will mount inboard.
- With the Cam Lever open, Slide the Top Plate portside 1½", then lift to separate it from the Bottom Plate. Set the Bottom Plate aside. The Top Plate will be installed first.

**NOTICE:** The Top Plate can be separated from the Bottom Plate when a sideways gap is present between the Plates.



## › Installing the Top Plate to a Terrova or Riptide Terrova

1

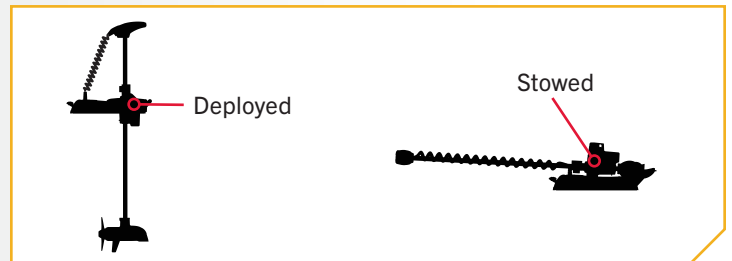
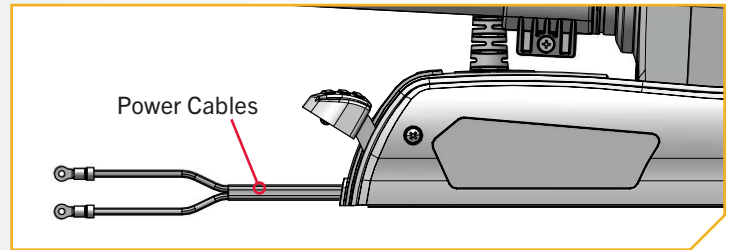
- a. Make sure that the Power Cables from the battery are disconnected or that the breaker, if equipped, is “off.”

### ⚠ WARNING

Make sure that the Power Cables from the battery are disconnected or that the breaker, if equipped, is “off.”

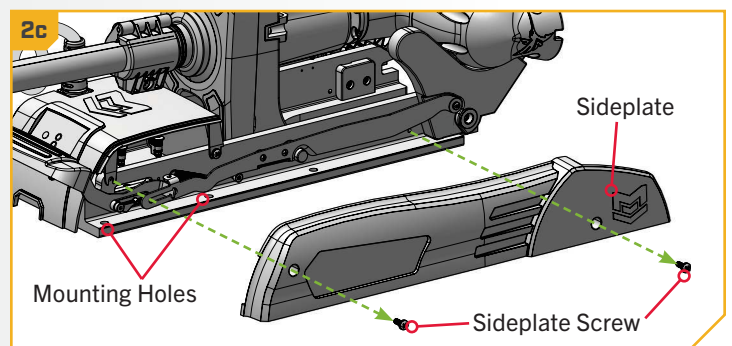
- b. Place the mount on an elevated, level surface such as a workbench or the tailgate of a pickup. The motor should be in the stowed position.

**NOTICE:** The trolling motor weighs up to 90lbs. Minn Kota recommends having a second person help with the installation.



2

- c. Remove the four Sideplate Screws using a #3 Phillips Screwdriver. Two of these screws will be located on each side of the mount.
- d. Remove the Right Sideplate and the Left Sideplate to expose the six mounting holes on the Base Extrusion.

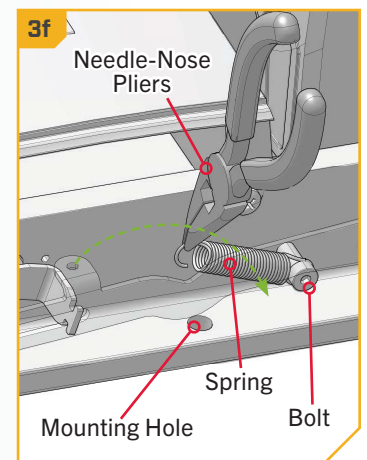
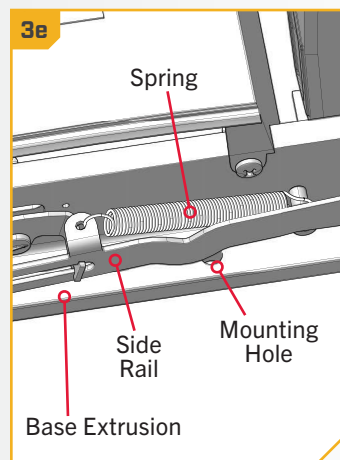


3

- e. The center mounting hole on either side of the Base Extrusion is blocked by a Spring. One end of each Spring must be disconnected in order to access the mounting holes.
- f. To disconnect the Spring, take a Needle-nose Pliers and carefully grab the hooked end on the top half of the Spring. Unhook it from the hole in the Side Rail by pulling up. Guide it towards the bottom half of the Spring still attached to the Base Extrusion and gently set it down. Do not disconnect the end of the Spring that is wrapped around a bolt. Unhook both Springs.

### ⚠ CAUTION

When maneuvering each Spring, carefully handle the Spring to avoid bending it. Do not grab the body of the Spring to avoid pinching between the spring coils. Always grab by the hooked end.



### ⚠ CAUTION

When handling each Spring, always keep the spring tension under control. Abruptly releasing the Spring while there is still tension could damage it and cause it to release unpredictably.

# 4

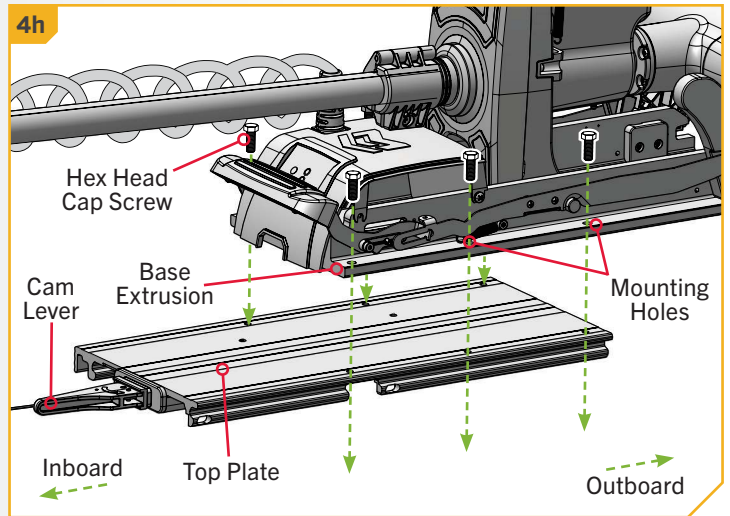
## ITEM(S) NEEDED



#28 x 6

**NOTICE:** To prevent seizing of the stainless steel hardware, do not use high-speed installation tools.

- g. Place the flat side of the Top Plate against the bottom of the Base Extrusion. Align the Mounting Holes in the Top Plate with the Mounting Holes in the Base Extrusion that were exposed when the Sideplates and Springs were removed. Make sure that the Cam Lever points inboard.
- h. Use six Hex Head Cap Screws (Item #28) to secure the Top Plate to the Base Extrusion. The Screws should insert from the top down, through the Base Extrusion and into the Top Plate. Tighten to 120 in-lbs with a 9/16" Box End or Open End Wrench. Make sure all hardware is secure.



**NOTICE:** Use extra care to avoid pinching and damaging the sensor wires that run alongside the Base Extrusion when installing and tightening the mounting hardware.

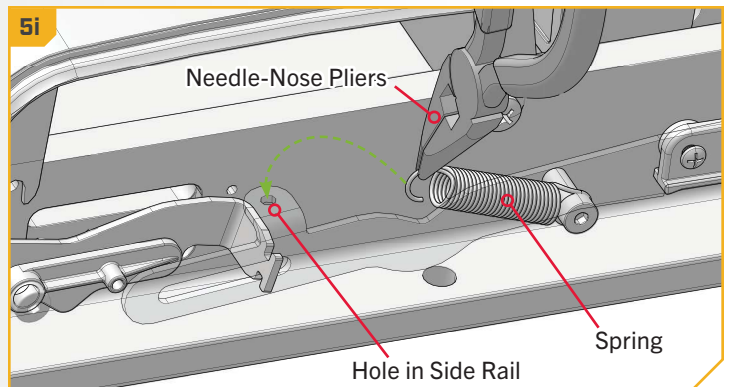
# 5

- i. With the Top Plate secured to the Base Extrusion, reassemble the Springs that were disconnected. Use a Needle-nose Pliers to grab the hooked end of the loose Spring. Reconnect it by pulling it upwards and hooking it in the hole on the Side Rail. The curved end of the Spring should be reattached from the top down. Make sure the Spring is not twisted when reattaching it. Reattach the Spring on both the right and left side of the Base Extrusion.

## ⚠ CAUTION

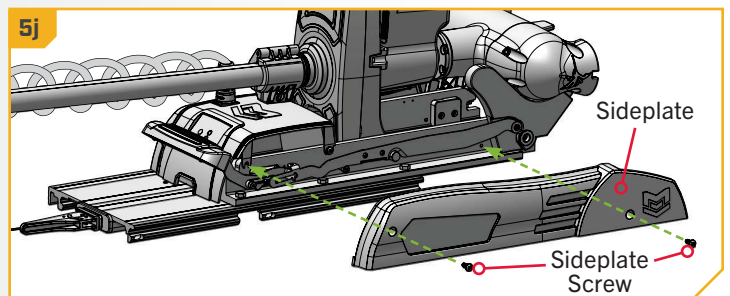
When maneuvering each Spring, carefully handle the Spring to avoid bending it. Do not grab the body of the Spring to avoid pinching between the spring coils. Always grab by the hooked end.

- j. With both Springs reattached, replace the Right Sideplate and Left Sideplate.
- k. Replace the four Sideplate Screws using a #3 Phillips Screwdriver. Two of these screws will be located on each side of the mount. Hand tighten.



## ⚠ CAUTION

When handling each Spring, always keep the spring tension under control. Abruptly releasing the Spring while there is still tension could damage it and cause it to release unpredictably.



## › Installing the Top Plate to an Ulterra or Riptide Instinct

1

- a. Make sure that the Power Cables from the battery are disconnected or that the breaker, if equipped, is “off.”

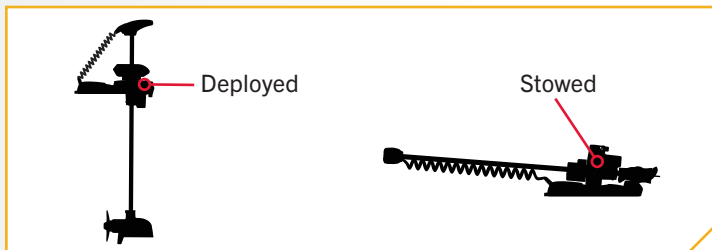
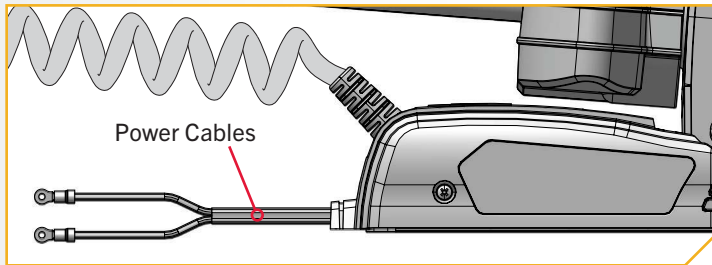


### WARNING

Make sure that the Power Cables from the battery are disconnected or that the breaker, if equipped, is “off.”

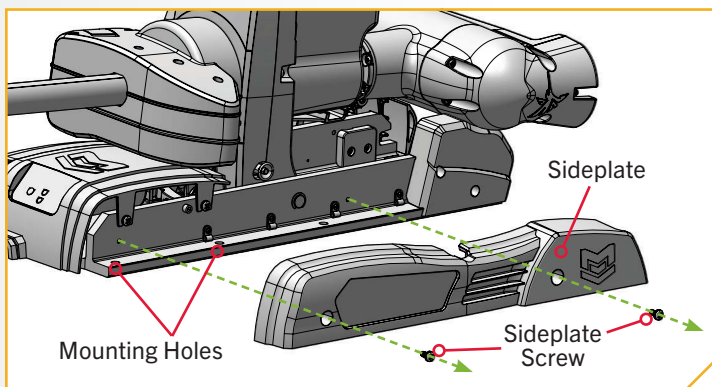
- b. Place the mount on an elevated, level surface such as a workbench or the tailgate of a pickup. The motor should be in the stowed position.

**NOTICE:** The trolling motor weighs up to 90lbs. Minn Kota recommends having a second person help with the installation.



2

- c. Remove the four Sideplate Screws using a #3 Phillips Screwdriver. Two of these screws will be located on each side of the mount.
- d. Remove the Right Sideplate and the Left Sideplate to expose the six mounting holes in the Base Extrusion.



# 3

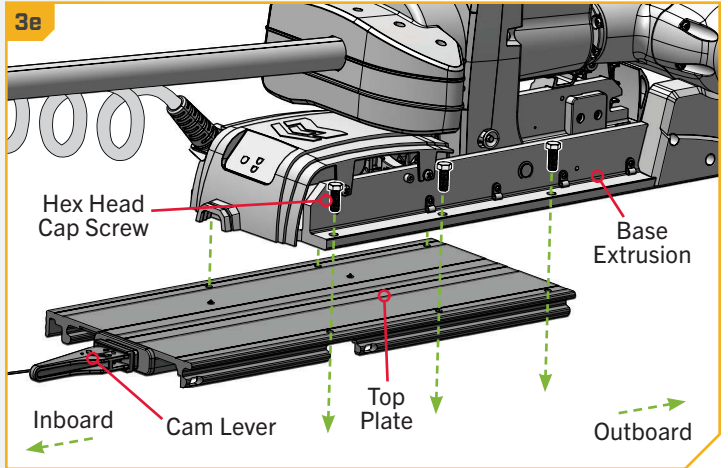
## ITEM(S) NEEDED



#28 x 6

**NOTICE:** To prevent seizing of the stainless steel hardware, do not use high-speed installation tools.

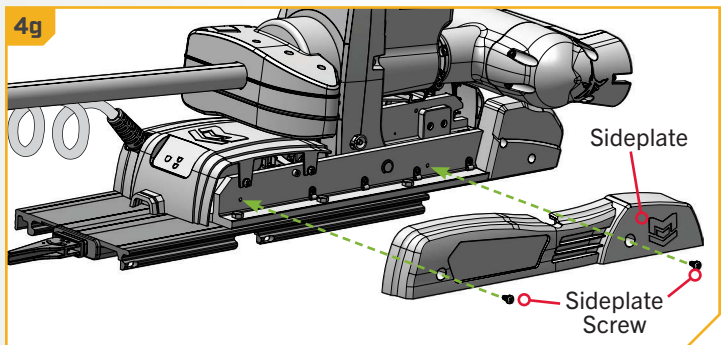
- e. Place the flat side of the Top Plate against the bottom of the Base Extrusion. Align the Mounting Holes in the Top Plate with the Mounting Holes in the Base Extrusion that were exposed when the sideplates were removed. Make sure that the Cam Lever points inboard.
- f. Use six Hex Head Cap Screws (Item #28) to secure the Top Plate to the Base Extrusion. The Screws should insert from the top down, through the Base Extrusion and into the Top Plate. Tighten to 120 in-lbs with a 9/16" Box End or Open End Wrench. Make sure all hardware is secure.



**NOTICE:** Use extra care to avoid pinching and damaging the sensor wires that run alongside the Base Extrusion when installing and tightening the mounting hardware.

# 4

- g. With the Top Plate secured, replace the Right Sideplate and Left Sideplate.
- h. Replace the four Sideplate Screws using a #3 Phillips Screwdriver. Two of these screws will be located on each side of the mount.





## › Installing the Bottom Plate to the Deck of the Boat

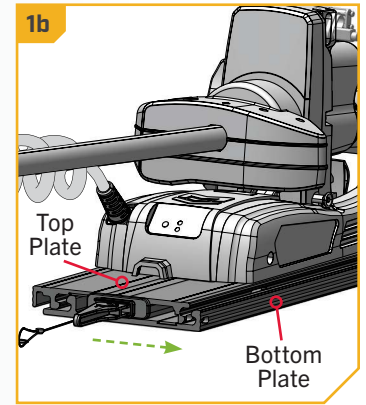
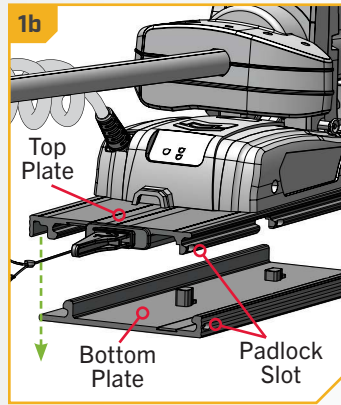
1

**NOTICE:** The mounting surface for the Bottom Plate must be completely flat. Rubber Washers (Part #2321710) can be used to shim the Bottom Plate flat before hardware is tightened. The Top Plate will not fit correctly unless the Bottom Plate is installed completely flat.

- a. Once the Top Plate is secured to the motor, reassemble the Quick Release Bracket with the help of a second person. To reassemble the MKA-57, set the Bottom Plate on a flat surface next to the Top Plate. The Padlock Slot on the Bottom Plate should face the same direction as the Padlock Slot on the Top Plate.
- b. Set the Top Plate and motor onto the Bottom Plate, leaving a 1½" sideways gap between the Plates. Slide the Top Plate and motor to the right to close the gap and realign the Plates. Secure the Plates together by closing the Cam Lever and inserting the Pin.

### CAUTION

Watch for pinch points. The space between the Cam Lever and Plates can create a pinch point when closing the Cam Lever. To avoid the pinch points, use an open palm against the flat side of the Cam Lever to push the Cam Lever closed.

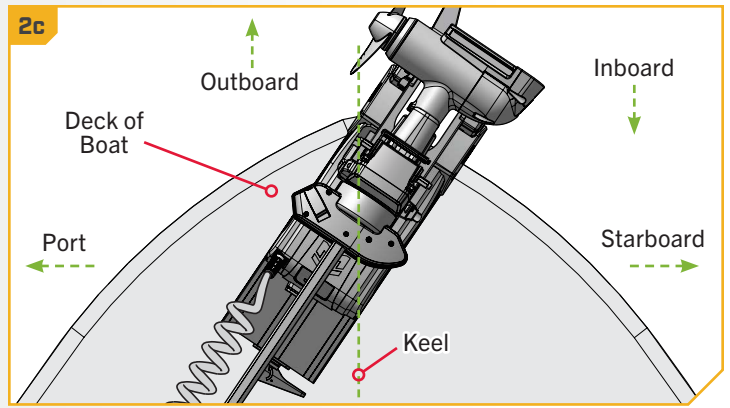


### CAUTION

An incorrectly secured trolling motor may fall and cause injury. Improper alignment of the Top Plate and Bottom Plate will allow the motor to fall off, even if the Cam Lever is closed. Before closing the Cam Lever, make sure that the rails of the Top Plate and Bottom Plate seat into their respective channels. Properly securing the motor will prevent injury.

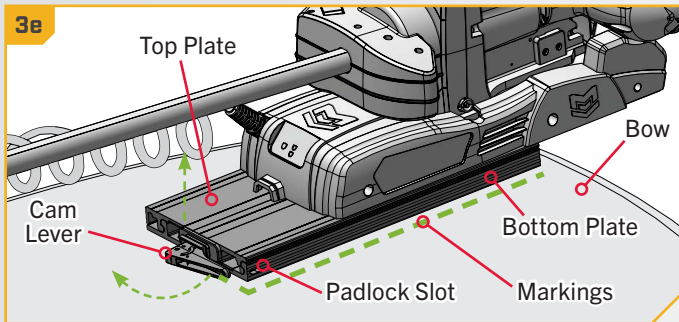
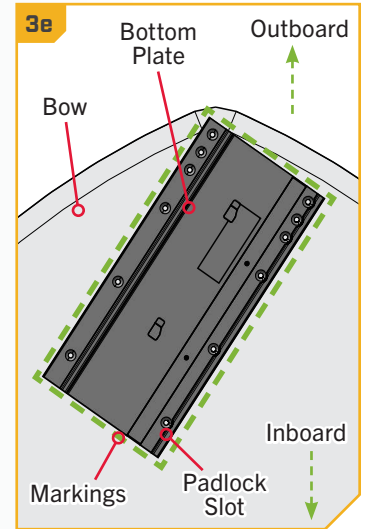
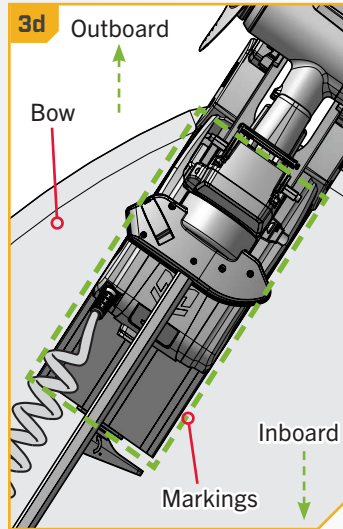
## 2

- c. Place the motor with the attached Quick Release Bracket assembly as close to the centerline or keel of the boat as possible. The motor can be installed on either the Port or Starboard side of the boat based on personal preference. Review the mounting considerations at the beginning of this document. Check for obstructions around the Top Plate and motor in all possible positions.



## 3

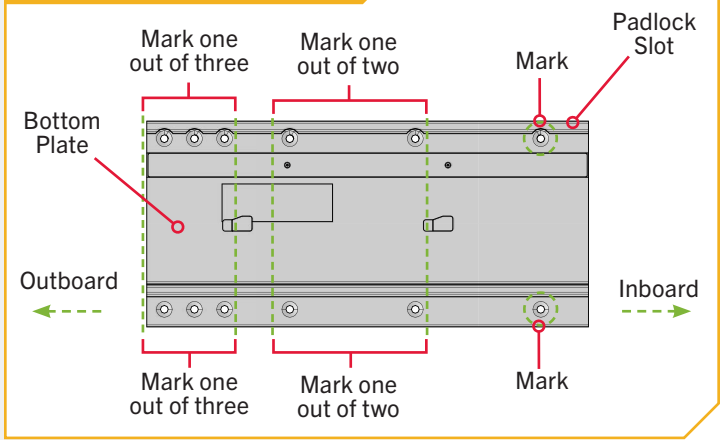
- d. Once a mounting location has been determined and all clearances verified, use an Awl or similar tool to mark the side edges and rear of the Bottom Plate on the bow of the boat.
- e. Remove the Pin and open the Cam Lever to separate the Top Plate and motor from the Bottom Plate. Set aside the Top Plate and motor.



# 4

- f. Reposition the Bottom Plate onto the marks made on the bow of the boat. Make sure the Padlock Slot is facing inboard.
- g. There are a variety of mounting hole options and patterns available when installing the Bottom Plate, to provide flexibility and account for variances in boat deck shapes. All six mounting bolts must be used when installing the Bottom Plate to the bow, with three bolts used on each side of the Plate. If the desired mounting location and mounting hole pattern does not allow for all six mounting bolts, a new mounting location should be selected.

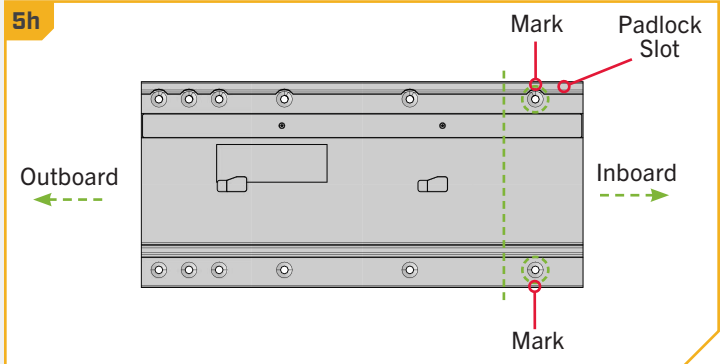
## Mounting Hole Pattern Options



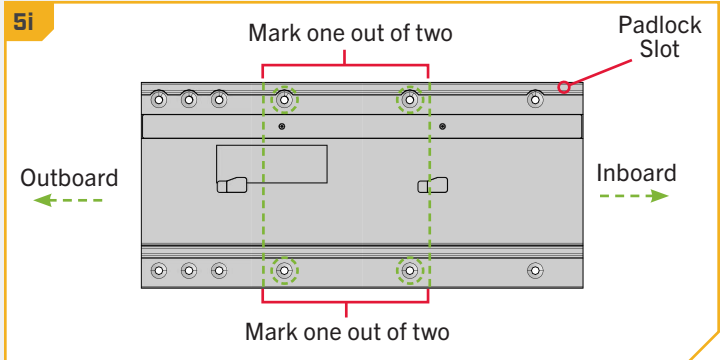
# 5

- h. Mark the two holes furthest **inboard**, one on each side of the Plate. The two mounting holes furthest inboard must always be used.
- i. There are four mounting holes in the middle of the Plate, with two holes on each side. Mark one of these two holes on each side of the Bottom Plate. The holes do not need to be symmetrical, as long as there is at least one mounting bolt on each side.
- j. Look at the end of the Bottom Plate which is furthest **outboard**. There are six mounting holes close together, three on each side of the Plate. One of these three holes must be used on each side. The pattern does not need to be symmetrical. Any choice or order of hole works, as long as there is at least one mounting bolt used on each side.
- k. With all six mounting holes marked, set the Bottom Plate aside. Use a Drill with a 13/32" Drill Bit to drill through the Boat Deck on the marked locations.

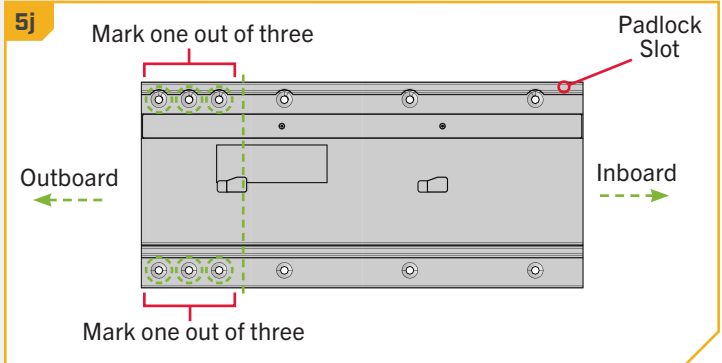
### 5h



### 5i



### 5j



## ITEM(S) NEEDED



#26 x 6



#27 x 6

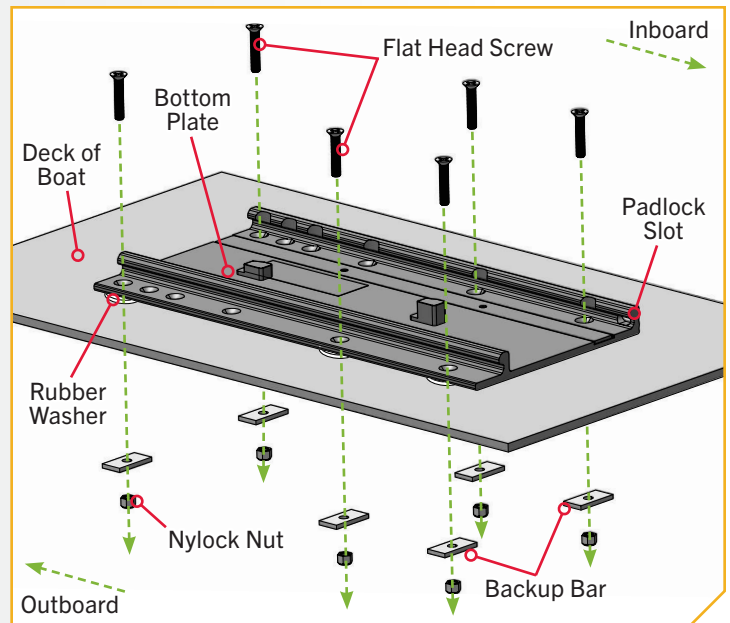


#29 x 1

**NOTICE:** To prevent seizing of the stainless steel hardware, do not use high-speed installation tools. Wetting the screws or applying an anti-seize (Item #29) may help prevent seizing.

**NOTICE:** The mounting surface for the Bottom Plate must be completely flat. Rubber Washers (Part #2321710) can be used to shim the Bottom Plate flat before hardware is tightened. The Top Plate will not fit correctly unless the Bottom Plate is installed completely flat.

- i. Reposition the Bottom Plate over the drilled holes. Use six 3/8-16 X 2" Flat Head Screws (Item #26), six Rubber Washers if needed (Part #2321710), six Backup Bars (Part #2371796), and six Nylock Nuts (Item #27) to secure the Bottom Plate to the boat deck. Apply anti-seize (Item #29) to all hardware. The Screws should be installed from the top down, passing through the Bottom Plate, Rubber Washers (if used) and into the boat deck.
- m. Place a Backup Bar and then a Nylock Nut at the end of each Screw. While holding each Nylock Nut with a 9/16" Box End or Open End Wrench, use a #4 Phillips Screwdriver to tighten each Screw. Make sure all hardware is secure.



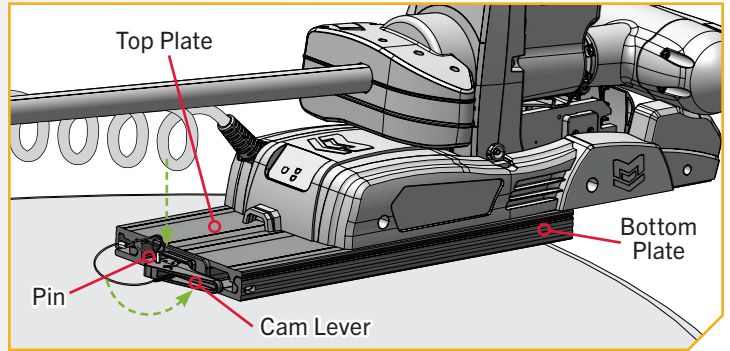
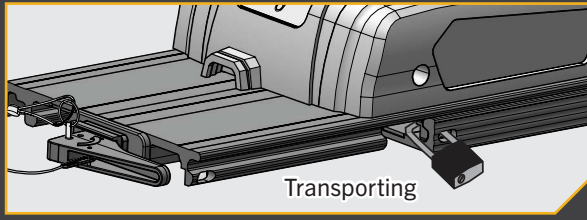
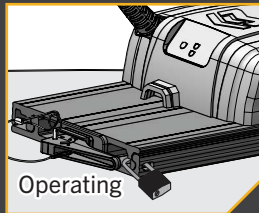
**NOTICE:** This installation requires the use of hardware that was included with your trolling motor. Six Backup Bars (Part #2371796) and six Rubber Washers (Part #2321710) that are part of the motor hardware bag assembly (Part #2994948) are required.

## › Completing the Installation

1

- a. Slide the Top Plate and motor onto the Bottom Plate that was mounted to the Boat Deck. Close the Cam Lever to lock the Plates. Insert the Pin into the hole in the Cam Lever to secure the Lever and ensure it remains latched.

**NOTICE:** Lock your motor to help prevent theft. The motor can be locked in both the Operating and Transporting positions. The diameter of the Padlock slot is 1/4".



### **⚠ CAUTION**

An incorrectly secured trolling motor may fall and cause injury. Improper alignment of the Top Plate and Bottom Plate will allow the motor to fall off, even if the Cam Lever is closed. Before closing the Cam Lever, make sure that the rails of the Top Plate and Bottom Plate seat into their respective channels. Properly securing the motor will prevent injury.

### **⚠ CAUTION**

Before using or transporting the trolling motor, always check that the Cam Lever is closed and secured with the Pin to ensure that the Top Plate and Bottom Plate remain locked. Failure to secure the Cam Lever may result in injury from a falling motor.

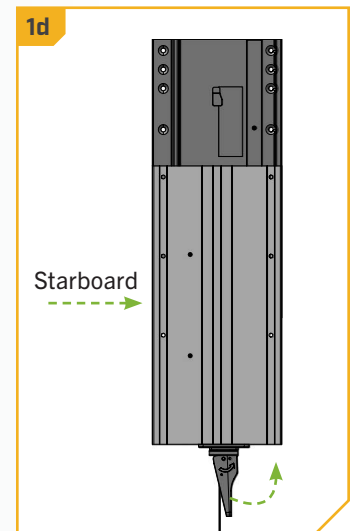
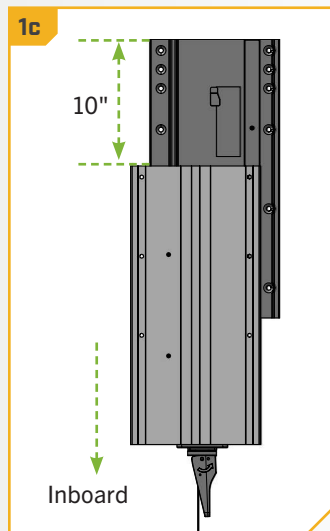
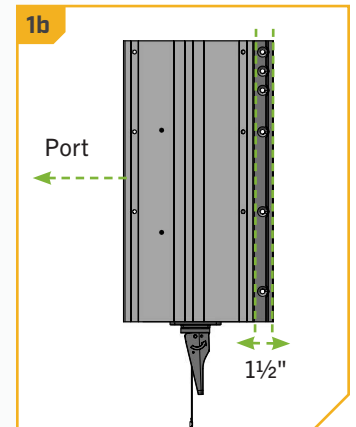
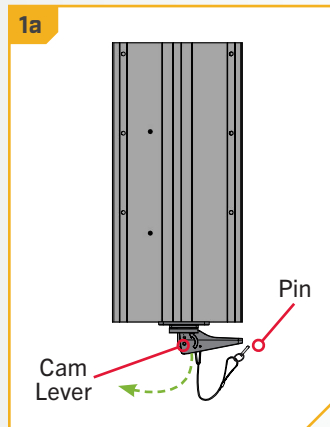
## Transporting Position

The position of the MKA-57 can be adjusted by sliding the Top Plate 10 inches inboard. This allows for safer transportation, a better boat cover fit, or more clearance when launching the boat.

**NOTICE:** The Top Plate can be separated from the Bottom Plate when a sideways gap is present between the plates, or while sliding the plates between the operating and transporting positions.

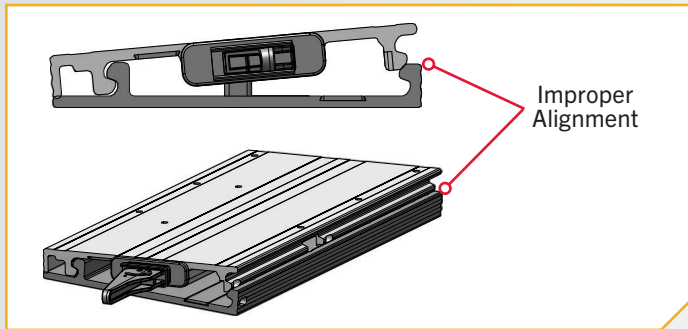
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- To slide the MKA-57 into the transporting position, remove the Pin and open the Cam Lever.
- While grasping the motor Shaft and Steering Housing with both hands, slide the Top Plate and motor approximately 1½ inches sideways Portside.
- Slide the Top Plate and motor 10 inches inboard. Make sure that the Top Plate remains seated in the Bottom Plate.
- Slide the Top Plate and motor sideways Starboard-side to close the 1½ inch gap and realign the Plates. Close the Cam Lever to lock the Plates together. Insert the Pin into the Cam Lever to secure the bracket.
- To return to the normal position, reverse these steps.



### ⚠ CAUTION

An incorrectly secured trolling motor may fall and cause injury. Improper alignment of the Top Plate and Bottom Plate will allow the motor to fall off, even if the Cam Lever is closed. Before closing the Cam Lever, make sure that the rails of the Top Plate and Bottom Plate seat into their respective channels. Properly securing the motor will prevent injury.



### ⚠ CAUTION

Before using or transporting the trolling motor, always check that the Cam Lever is closed and secured with the Pin to ensure that the Top Plate and Bottom Plate remain locked. Failure to secure the Cam Lever may result in injury from a falling motor.

For warranty information, please visit [minnkota.johnsonoutdoors.com](http://minnkota.johnsonoutdoors.com).



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