

Old Town[®]

Getting Started With Your Powered Drive

106 Powered by Minn Kota | Sonata 106 MK
AutoPilot 120/136



For more information on features, specifications,
processes, maintenance, and troubleshooting tips, visit

OLDTOWNWATERCRAFT.COM

⚠ WARNING

Read and review all safety warnings, instructions, illustrations, and specifications provided before any installation or operation of this watercraft and powered drive. Failure to do so could result in death or serious injury.

The images in this document may not look the same as your product but will function in a similar way.

03/2025

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GETTING STARTED

IMPORTANT SAFETY INFORMATION

Paddling enables people of all ages and abilities to experience nature with unrivaled closeness and variety. Adventures range from brief outings to challenging treks, but even the simplest trip can quickly lead to danger if proper precautions are not taken.

SAFETY LABELING AND SIGNAL WORDS

DANGER, WARNING, and CAUTION are signal words used throughout this user manual to identify important safety and product information. It is important to recognize and understand the meaning of each signal word and its message before operation.

⚠ WARNING

Indicates a hazardous situation, that if not avoided, **could** result in death or serious injury.

⚠ CAUTION

Indicates a hazardous situation, that if not avoided, **could** result in minor or moderate injury.

NOTICE

Indicates important product information, that if not followed, **could** result in product or property damage.

GENERAL OPERATING SAFETY WARNINGS

Read and review all safety warnings, instructions, illustrations, and specifications provided before operation. Keep this manual in a safe place for future reference if necessary. Failure to do so could result in product damage, death, or serious injury.

⚠ WARNING

You are responsible for the safe and prudent operation of your watercraft. 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 watercraft. Learn to operate your Old Town product in an area free from hazards and obstacles.

- **READ THE OWNER'S MANUAL** and follow the manufacturer's recommendations for the use of this product. Consult the manufacturer's information prior to adding aftermarket equipment, and never obstruct entry or exit to the craft.
- **DO NOT IMPAIR ENTRY OR EXIT ACCESS.** If additional outfitting is added to this watercraft, use the manufacturer's approved materials only.
- **WEAR U.S. COAST GUARD APPROVED LIFE JACKETS**, and where appropriate, wear a helmet.
- **CHECK WEATHER FORECAST BEFORE DEPARTING DOCK** and heed all weather advisories.
 - **DRESS APPROPRIATELY** for the weather conditions, as cold water and/or cold weather can cause hypothermia.
 - **DO NOT PADDLE IN FLOOD CONDITIONS.**
- **NEVER PADDLE WHILE UNDER THE INFLUENCE** of drugs or alcohol.

WARNING

- **BE AWARE OF THE WATER CONDITIONS**, including appropriate water levels, tidal changes, dangerous currents and other water hazards. Always scout unfamiliar waters, and portage where appropriate.
- **CONSULT WITH A PHYSICIAN** prior to beginning paddlesport training. Paddlesports can be very dangerous and physically demanding.
- **OBTAIN PADDLESPOUT TRAINING** specific to this type of craft. Do not exceed your paddling ability - be honest with yourself.
- **BRING A PADDLE** when operating a powered watercraft.
- **NEVER PADDLE ALONE.**
- **KEEP A PROPER LOOKOUT AND SAFE DISTANCE** from other vessels and hazards at all times.
- **OBEY APPLICABLE BOATING LAWS.**
- **REGULARLY CHECK YOUR EQUIPMENT** prior to each use for signs of wear or failure.
- **OBTAIN CERTIFIED FIRST AID AND RESCUE TRAINING.** Be sure to carry first aid and rescue equipment with you.
- **ALWAYS CHECK WITH LOCAL REGULATIONS** for watercraft safety requirements in your area.

POWERED WATERCRAFT PRODUCT SAFETY WARNINGS

WARNING

Failure to follow these warnings could cause death or serious injury.

- **THIS PRODUCT CONTAINS STRONG MAGNETS** located in the kill switch key, and Powered Drive consoles, which could interfere with pacemakers and other medical devices. To avoid any potential interaction with these devices, keep a safe distance away (6in / 15cm).
- **CONSULT YOUR PHYSICIAN AND MEDICAL DEVICE MANUFACTURER** for specific information to your medical device.
- **LOOSE MAGNETS CAN PRESENT A CHOKING HAZARD.** Swallowed magnets can stick together through intestine walls, causing a severe health risk. Seek medical attention if magnets are swallowed or inhaled.
- **ALWAYS ATTACH THE KILL SWITCH KEY LANYARD** to yourself when on the water.
- **KEEP FINGERS AND FEET CLEAR** of all hinges, pivot points, and moving parts when stowing or deploying the motor or drive.
- **AVOID CONTACT WITH PROPELLER** when the ePDL+™ Drive propeller is in motion.

⚠ WARNING

- **DO NOT OPERATE IN THE VICINITY OF SWIMMERS** or others that could come in contact with the propeller.
- **WEAR SAFETY GLASSES WHEN HANDLING TOOLS AND EQUIPMENT** to prevent injury.

BATTERY SAFETY WARNINGS

⚠ WARNING

Failure to follow these warnings could cause death or serious injury.

- **ALWAYS DISCONNECT THE BATTERY BOX AND THE DRIVE** from the boat before cleaning or checking the propeller.
- **ALWAYS REMOVE THE BATTERY BEFORE TRANSPORT.** Transporting the watercraft with the battery installed may result in fire or electric shock. DO NOT transport the watercraft with the battery installed.
- **ALWAYS REMOVE THE BATTERY BEFORE CHARGING.** Charging the battery while it is installed in the watercraft may result in fire or electric shock. DO NOT charge the battery while it is installed in the watercraft.
- **DO NOT SUBMERGE CHARGER OR EXPOSE TO RAIN.** Submerging the charger underwater or exposing to rain may result in electric shock.
- **CHECK CABLE CONNECTIONS** when connecting the power-supply cables of the drive to the boat, or when connecting the power-supply cables of the battery box to watercraft. Ensure that they are not kinked, or subject to chafe and that the cable insulation is not damaged.
- **DO NOT USE A BATTERY OR CHARGER THAT IS DAMAGED OR MODIFIED.** Using a battery or charger that is damaged or modified may result in fire, electric shock, or noxious fumes.

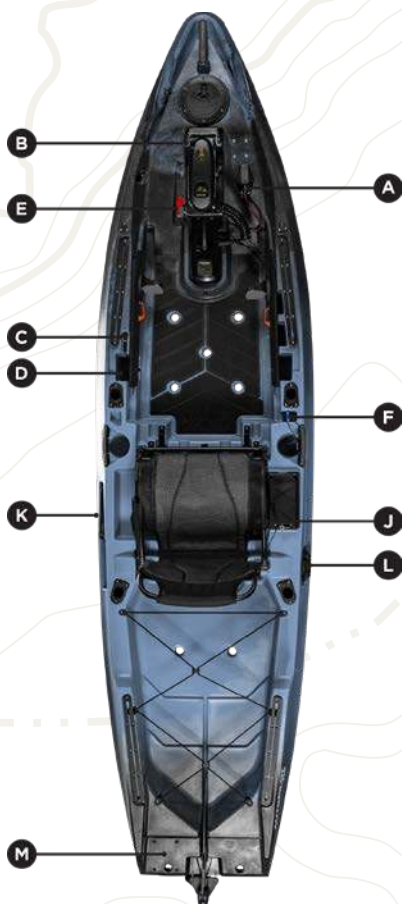
IMPORTANT PRODUCT INFORMATION

NOTICE

- DO NOT operate the drive with a battery that is not capable of delivering the correct voltages. Using a battery that is not capable of delivering the correct voltages may result in product damage.
- **USE THE CORRECT BATTERY.** The AutoPilot 120 | 136, 106 Powered by Minn Kota, and Sonata 106 MK are 12V systems. DO NOT operate the drive with a battery that is not capable of delivering the correct voltages. Product damage could result. DO NOT use an ePDL+™ battery (36V).

PRODUCT OVERVIEW

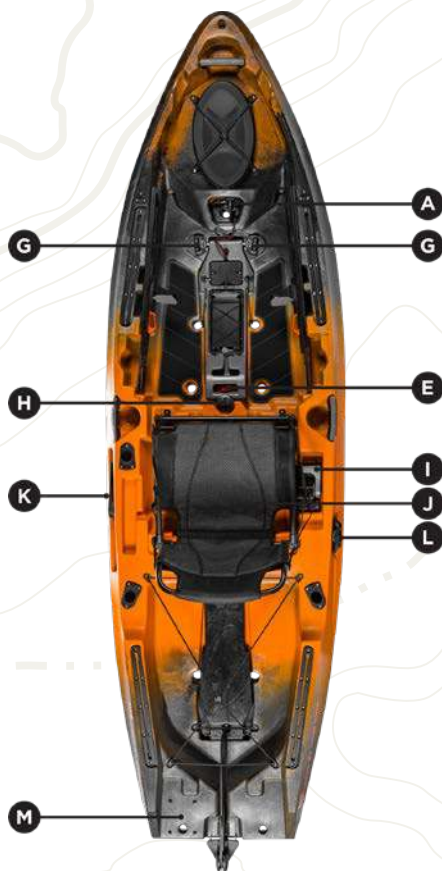
AUTOPILOT 120 | 136



- A.** Drive Hull Power Socket
(watercraft connection)
- B.** AutoPilot Drive Quick Release
Bracket (AutoPilot 120 / 136 only)
- C.** AutoPilot Deploy Cable Clip
(AutoPilot 120 / 136 only)
- D.** AutoPilot Deployment Cable
Handle (AutoPilot 120 / 136 only)
- E.** Kill Switch Key and Base
(watercraft connection)
- F.** AutoPilot Drive Kill Switch Magnet
(drive console connection,
AutoPilot 120 / 136 only)
- J.** In Hull Receptacle Inside
Rectangular Click Seal Hatch
(under seat)
- K.** Rudder Stow/Deploy
- L.** Paddle Clip Location
(may need to be installed)
- M.** Shallow Water Anchor Mount

PRODUCT OVERVIEW

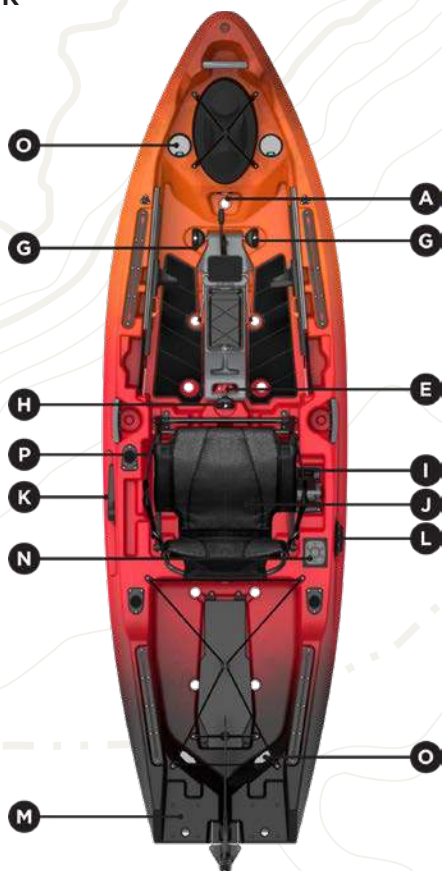
106 POWERED BY MINN KOTA



- A.** Drive Hull Power Socket
(watercraft connection)
- E.** Kill Switch Key and Base
(watercraft connection)
- G.** Minn Kota Drive
Thwart Lock Knobs
(106 PBMK | Sonata 106 MK only)
- H.** Minn Kota Drive Lock Knob
(106 PBMK | Sonata 106 MK only)
- I.** Throttle Control
(106 PBMK | Sonata 106 MK only)
- J.** In Hull Receptacle Inside
Rectangular Click Seal Hatch
(under seat)
- K.** Rudder Stow/Deploy
- L.** Paddle Clip Location
(may need to be installed)
- M.** Shallow Water Anchor Mount

PRODUCT OVERVIEW

SONATA 106 MK



- A.** Drive Hull Power Socket
(watercraft connection)
- E.** Kill Switch Key and Base
(watercraft connection)
- G.** Minn Kota Drive
Thwart Lock Knobs
(106 PBMK | Sonata 106 MK only)
- H.** Minn Kota Drive Lock Knob
(106 PBMK | Sonata 106 MK only)
- I.** Throttle Control
(106 PBMK | Sonata 106 MK only)
- J.** In Hull Receptacle Inside
Rectangular Click Seal Hatch
(under seat)
- K.** Rudder Stow/Deploy
- L.** Paddle Clip Location
(may need to be installed)
- M.** Shallow Water Anchor Mount
- N.** Stereo Control
(Sonata 106MK only)
- O.** Bluetooth Speakers
(Sonata 106MK only)
- P.** USB Charging Port
(Sonata 106MK only)

WHAT'S INCLUDED?

POWERED KIT CONTENTS



- Q.** Paddle Clip x 1
- R.** Paddle Clip Strap x 1
- S.** 10-32 x 1/2" Phillips Head Screw x 2
- T.** Prop Pin x 2
- U.** 5/32 Hex Key - for tightening or replacing lock down knob shoulder bolts x 1
(106 PBMK | Sonata 106 MK only)
- V.** Dielectric Grease Packet - for maintaining rust resistant connections at plugs/sockets x 1
- W.** Kill Switch Key x 1
- X.** Kill Switch Lanyard x 1
- Y.** i-Pilot remote
(AutoPilot 120 | 136 only)
- Z.** Thru-Hull Wiring Kits - three-hole caps and foam sealing plugs for thru-hull wiring port

UNBOXING AND ASSEMBLY

TOOLS NEEDED

- Phillips head screwdriver (#2)
- Small adjustable wrench

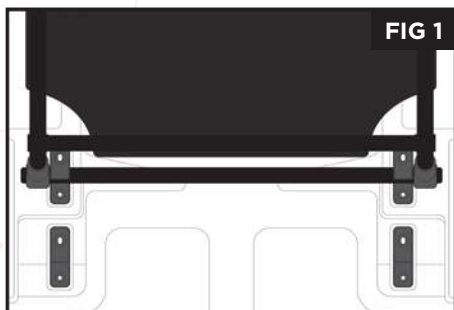
UNBOXING

Some watercraft models have wooden shipping braces installed.

1. Remove and set aside the screws taped to the wooden shipping brace(s). Unscrew the wooden shipping brace(s) from the watercraft. You can save the wooden shipping brace(s) and use when storing your watercraft during the off season to prevent the hull from warping.
2. Install the formerly taped Phillips head screws in the stern-most holes of the seat rails.
3. Locate the Powered Kit and set aside. The components inside will be used in the following assembly steps.

SEAT INSTALL

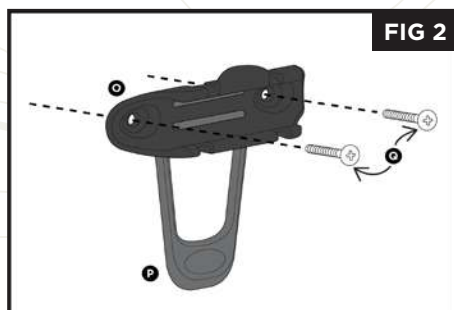
1. Check that the hook and loop strips under the front of the seat and across the top rear tube are firmly attached and the fabric is taut.
2. The seat mounts in the watercraft using two forward-opening clips and a center strap over the stern tube (**FIG 1**).
3. To recline the seat's backrest, use the straps on the sides of the seat. For transport, the seat may be left attached to the hull but securing the seat back is advised. This can be done by fully tightening the backrest straps to securely hold the backrest down against the seat base.



ACCESSORIES INSTALL

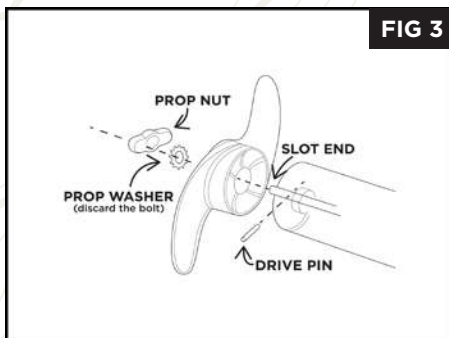
INSTALL PADDLE CLIP

1. Locate the paddle clip (**O**), paddle clip strap (**P**), and the two 10-32 x 1/2" Phillips head screws (**Q**) in the additional parts kit.
2. Line up the holes and the slots on the paddle clip strap with features on backside of paddle clip.
3. Locate inserts on the side of the watercraft (**L**). Using a #2 Phillips head screwdriver, attach the clip (**O**) and strap (**P**) to the inserts with the two supplied 10-32 x 1/2" Phillips head screws (**Q**). Orient with the strap below the clip for easy access (however, it can be mounted in either orientation) (**FIG 2**).



INSTALL PROPELLER

1. Locate the prop, prop pin, star washer, and prop nut in the tackle box and/or the battery box.
2. Slide the prop pin through the hole in the prop shaft. Center it horizontally.
3. Slide the prop onto the shaft as shown (**FIG 3**).
4. Mate the prop pin into the groove in the backside of the prop hub.
5. Install the star washer, then the prop nut onto the shaft. Tighten the prop nut using the dual function kill switch key as a wrench. **DO NOT** over tighten.

**BATTERY INSTALLATION****BEFORE GETTING ON THE WATER****⚠ WARNING**

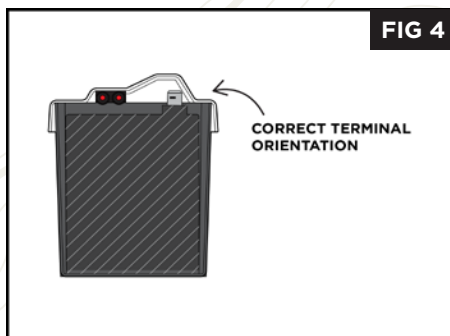
Failure to follow these warnings could cause death or serious injury.

- **CHECK THAT THE THROTTLE IS IN NEUTRAL.** Make sure the throttle is in the neutral (vertical) position before connecting the drive, battery, or kill switch key to the watercraft (*106 Powered by Minn Kota/Sonata 106 MK models only*).
- **DO NOT PLUG THE MOTOR INTO THE BATTERY BOX.**
- **ALWAYS DISCONNECT THE BATTERY BOX AND THE DRIVE** from the boat before cleaning or checking the propeller.
- **ENSURE PROPER BATTERY CABLE CONNECTION.** Connecting battery cables incorrectly can cause a large surge of electricity, potentially creating risk of fire or explosion.

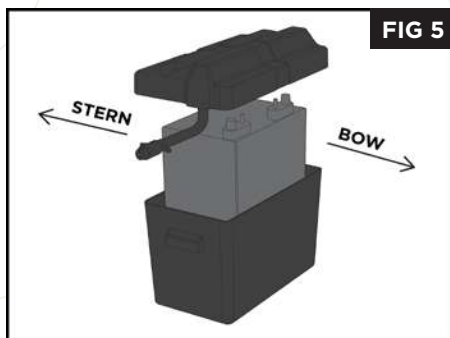
NOTICE

USE THE CORRECT BATTERY. The AutoPilot 120 | 136, 106 Powered by Minn Kota, and Sonata 106 MK are 12V systems. **DO NOT** operate the drive with a battery that is not capable of delivering the correct voltages. Product damage could result. **DO NOT** use an ePDL+™ battery (36V).

1. **Install your 12v deep cycle lead-acid or lithium ion (Group 27 or smaller) battery into the battery box** and make the terminal connections. Battery terminals should be positioned so that they lie beneath the raised section of the battery box cover (**FIG 4**). We recommend 100 amp-hour capacity. Fasten and tighten the 2" strap with integrated carry handle around the battery box.



2. **Install the battery box** in the hull so that the high ridge of the lid is forward, and the battery box plug comes out of the lid as shown (**FIG 5**).



3. **Connections:** Ensure the red battery cable wire is connected to the positive (+) battery terminal and the black battery cable wire is connected to the negative (-) battery terminal. Tighten the terminal screws until snug. Follow the battery supplier's factory recommendations for appropriate tightness. You should not be able to wiggle or rotate the hardware when lightly pulling on the wires.
4. Locate the power socket in the seating area (**H**). Open the socket door and **plug the battery box into the boat**. The plug and socket are keyed to maintain correct polarity, and the socket door latches to the plug to keep it from falling out.

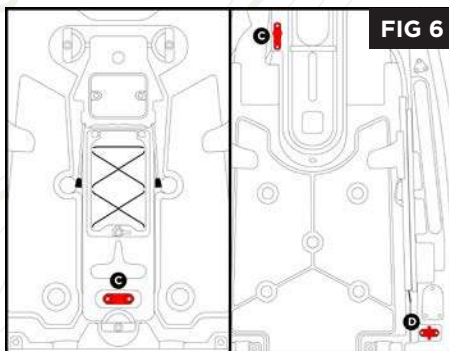
ACCESSORY INSTALL (SONATA 106 MK MODELS ONLY)

The Sonata 106 MK comes with an additional battery cable to power the speakers, lights, and USB charger. Connect the accessory power cable on top of the battery box power cables, ensuring the red accessory power cable is connected to the positive (+) battery terminal and the black accessory power cable is connected to the negative (-) battery terminal. Tighten together below the battery terminal nuts until snug.

BEFORE LAUNCHING

1. Ensure there is a tight, solid connection between the power cables, drive, and watercraft. Give the cables a slight tug to make sure they are connected and secure. Check that the wires are not pinched.

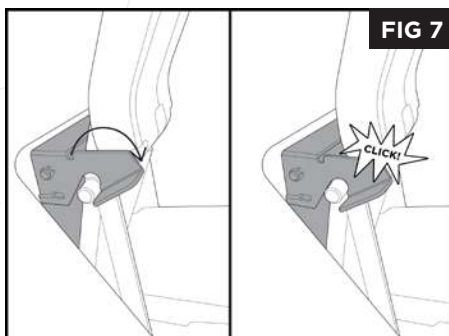
2. There is one kill switch on the 106 Powered by Minn Kota | Sonata 106 MK, located in the drive carry handle **(C)**. There are two kill switches located on the AutoPilot 120 | 136, one located to the left of the AutoPilot Drive that connects once the drive is deployed **(C)**, and one on the right side of the seat **(D)**. The Powered Old Town Watercrafts will not power on until the battery is connected through the hull, the kill switch key(s) is attached, and the drives are fully deployed. **(FIG 6)**.



AUTOPILOT 120 | 136 DRIVE INSTALLATION AND OPERATION

BEFORE LAUNCHING

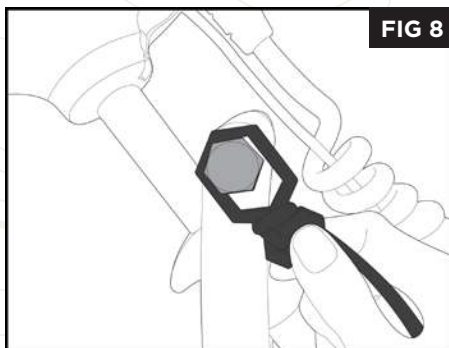
1. Mount the AutoPilot Drive to the quick release bracket on the bow side of the drive opening. The four pins on the drive engage on this plate. The top plate must latch fully for proper installation **(FIG 7)**.
2. Attach the deploy cable **(FIG 8)**.
3. Plug the AutoPilot Drive System male plug into the drive socket at the front end of the console well.



NOTICE

The plug and socket are keyed to maintain polarity.

4. Attach the Kill Switch Key **(U)** to the kill switch key base on the right side of the seat **(C)**. Securely attach the lanyard to your person.



AFTER LAUNCH AND WHEN AT ADEQUATE DEPTH

5. Deploy the drive for operation by aligning the motor with the console opening, pulling the deployment line handle located to the left of the seat, near the end of the footrail (**FIG 9**).
6. Secure the deployment line into the jam cleat to keep the drive down in an operational position. The drive must be fully down for correct operation (**FIG 10-12**).

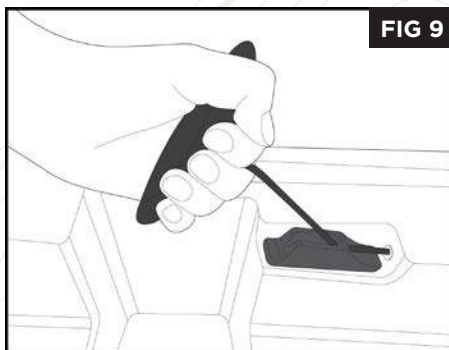


FIG 9

NOTICE

The kill switch magnet carrier is adjustable up and down for varying temperatures and environment conditions. DO NOT use oils or lubricants on or around the kill switch magnet carrier and deploy clip.

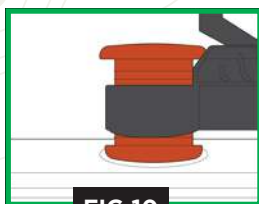


FIG 10

The drive is fully deployed with the kill switch carrier is contacting the kill switch plate.



FIG 11

If the carrier is too low, it will prematurely hit the cover plate and may activate the drive too early, creating intermittent activation, or no activation at all.

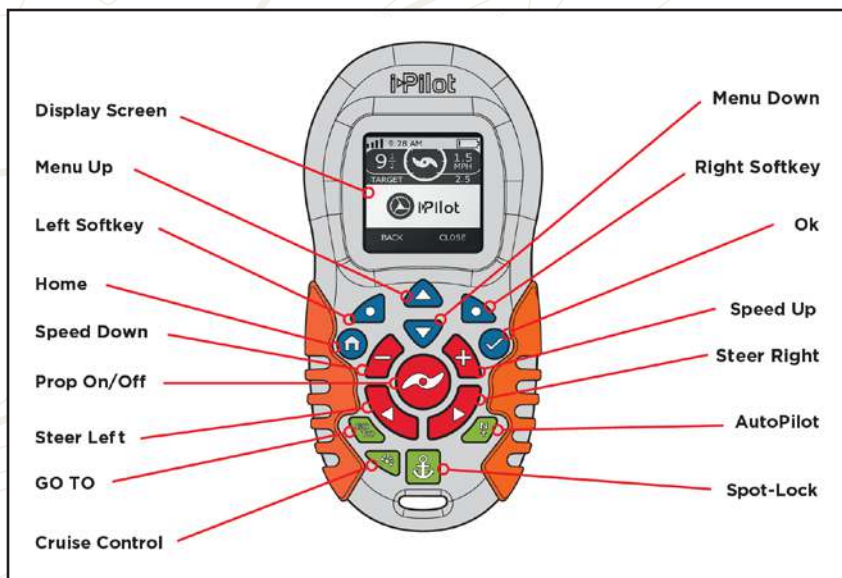


FIG 12

If the carrier is too high, the space between the carrier and cover plate may create intermittent activation.

OPERATING THE I-PILOT REMOTE

- For more information about the AutoPilot Drive system, thoroughly read the i-Pilot Manual found at oldtownwatercraft.johnsonoutdoors.com/us/product-manuals or refer to the Minn Kota website minnkotamotors.com/learn/technology/trolling-motors/i-pilot for tutorial videos and other documentation.

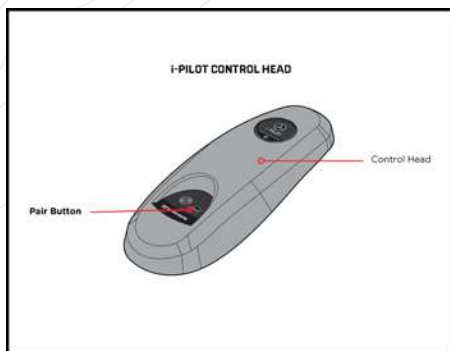


⚠ WARNING

UNDERSTAND THE FUNCTION AND OPERATION of all buttons and modes of the i-Pilot remote before embarking on the water. Failure to do so could result in death or serious injury.

SYNCING REMOTE TO MOTOR

1. Install and connect the battery and drive in the watercraft.
2. Deploy the drive and ensure power is connected.
3. Turn on remote by pushing the ✓ (OK) button. Press the ✓ button again to acknowledge the warning message.
4. Push the **Menu Down** button once, so **Options System** is displayed at the bottom of the screen.
5. Press the **Right Softkey** button to enter the **System** menu.
6. Using the **Menu Down** button, navigate to Pair and push the ✓ button.
7. Press the **Pair** button on the top of the motor head (motor must be powered on).
8. Motor will have a sustained beep when paired successfully.
9. Confirm motor function by using the **Steer Left** and **Steer Right** arrows to turn the steering servo, the Prop button, and the +/- to turn the motor shaft on.



SETTING BOAT LENGTH

1. Push **Menu Down** button once so **Options System** is displayed at the bottom of the screen.
2. Press the **Right Softkey** button to enter the **System** menu.
3. Using the **Menu Down** button, navigate to **Boat Scale** and push the ✓ button.
4. Set the **Boat Scale** to -2, by scrolling to -2 and pushing the ✓ button.
5. Push the **Right Softkey** button to exit to the main screen.

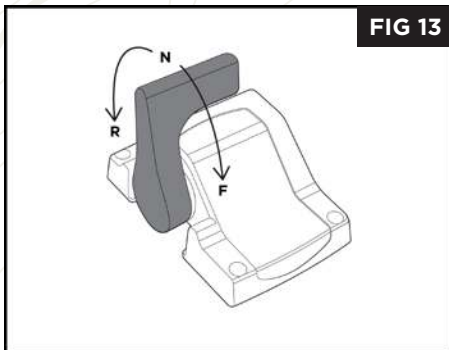
SETTING LEGACY MODE FOR TRACKING

1. Push the **Menu Down** button once to **Options System** is displayed at the bottom of the screen.
2. Press the **Left Softkey** button to enter the **Options** menu.
3. **AutoPilot Mode** should be highlighted, press the ✓ to confirm.
4. Once in the **AutoPilot Mode** menu, select **Legacy**, scroll up, and push the ✓ button to confirm selection.
5. Push the **Right Softkey** button to exit to the main screen.
6. Hold the ✓ button for a couple of seconds to power off the remote to be stored with the drive.

106 POWERED BY MINN KOTA | SONATA 106 MK DRIVE INSTALLATION AND OPERATION

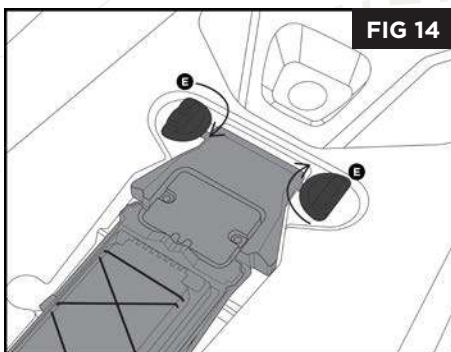
⚠ WARNING

Make sure the throttle is in the neutral (*vertical*) position before connecting the drive, battery, or kill switch key to the watercraft (**FIG 13**). Leaving the throttle in forward or reverse before connecting could cause your watercraft to take off unexpectedly. Product damage, death, or serious injury could result.



BEFORE LAUNCHING:

1. Place the drive into the console opening with the handle facing the stern.
2. Rotate the front lock knobs (**E**) clockwise over the two pivot pins. If needed, use the included Allen wrench to tighten the lock knob shoulder bolts (**FIG 14**).
3. Plug the 106 Powered by Minn Kota/Sonata 106 MK Drive male plug into the drive socket at the front end of the console well (**A**).



NOTICE

The plug and socket are keyed to maintain polarity.

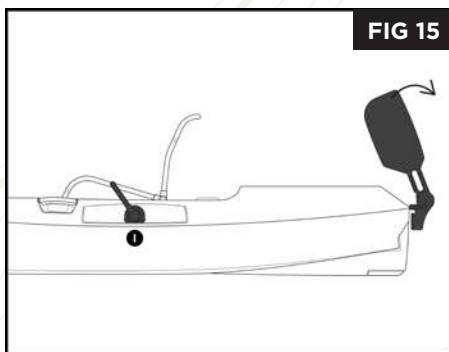
4. Attach the kill switch key (**U**) by inserting it through the drive carry handle on to the kill switch key base (**C**). Securely attach the lanyard to your person.

AFTER LAUNCH AND WHEN AT ADEQUATE DEPTH:

5. Deploy the drive for operation by lifting the kickstand over the stop ridge and lowering the drive into the recess. Lock down the drive by rotating the center lock knob (**F**) clockwise.

STEERING (ALL MODELS)

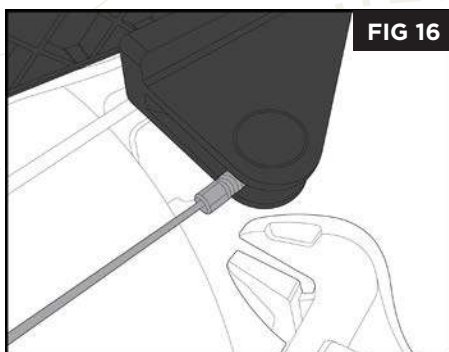
- Rudder Stow/Deploy is controlled using the long lever found next to the seat **(I)**. Remove the rudder bungee and use the lever to deploy and stow the rudder **(FIG 15)**.



- Steer the watercraft using the foot-steering rudder pedals (*AutoPilot 120 | 136, 106 Powered by Minn Kota | Sonata 106 MK*), or the i-Pilot System (*AutoPilot 120 | 136 models only*).

- For the foot-steering rudder pedals, lift the orange footbrace adjustment handle and adjust the footbrace to a comfortable position with your legs extended and knees slightly bent.
- Once the watercraft is at adequate depth, push the left footbrace to steer left, the right footbrace to steer right.
- To steer with the i-Pilot remote (*AutoPilot 120 | 136 models only*), understand that the propeller only provides forward thrust. To travel in reverse, the motor must be turned 180 degrees.

- Always check rudder hardware and cables are tightened before going out on the water. Rudder cable tension can be adjusted with the barrel adjusters found at the stern of the watercraft using an adjustable wrench or a 3/16" open end wrench **(FIG 16)**.



- These cables should not have slack but also not be taut. Excessive slack will result in decreased rudder response. Excessive tension will result in increased force required to operate the steering knob.
- If steering becomes more difficult while out on the water, check and ensure that the rudder is fully deployed to the vertical position, with the rudder lift handle all the way back. If the rudder blade gets pushed to the horizontal position, steering will become stiff and require greater force.

AFTER USE ON THE WATER

BATTERY DISCONNECTION

WARNING

Failure to follow these warnings could cause death or serious injury.

- **ALWAYS DISCONNECT THE BATTERY BOX AND THE DRIVE** from the boat before cleaning or checking the propeller.
- **ALWAYS REMOVE THE BATTERY BEFORE TRANSPORT.** Transporting the watercraft with the battery installed may result in fire or electric shock. DO NOT transport the watercraft with the battery installed.
- **DISCONNECT THE BATTERY PROPERLY.** DO NOT pull on the wires to disconnect the battery or charger. Pulling wires to unplug the battery or charger can damage the cable insulation, expose wires, and potentially cause shock or electrical fire. Product damage or serious injury could result.

1. After use and with the drive powered off, flip the seat forward and locate the battery power cable plug and socket. Unplug the battery power cable. DO NOT pull on the wires.
2. Unbuckle the battery box retention strap with the side release buckle.
3. Remove the battery box with the battery power cable attached. The in-hull receptacle has a dust cover to protect the terminals from debris. For optimum life, close the dust cover when the plug is not attached to the battery.
4. ALWAYS check that battery plugs and terminals are free from debris and corrosion, and check that the battery connections are clean and tightened.
5. Apply the dielectric grease **(AA)** provided as needed to prevent corrosion.

DRIVE DISCONNECTION

NOTICE

The powered Old Town Drive mounts were not designed to hold the drive during road transportation. Remove the drive from the hull prior to transport and for any extended storage periods. Failure to do so can result in product damage.

1. Once the battery is disconnected, unplug the Drive Power Cable from the watercraft and the drive.
2. **AutoPilot 120 | 136:** Release the deployment line from the jam cleat and unhook the deploy cable from the drive. Release the drive from the quick release bracket by lifting on the tabs on either side.

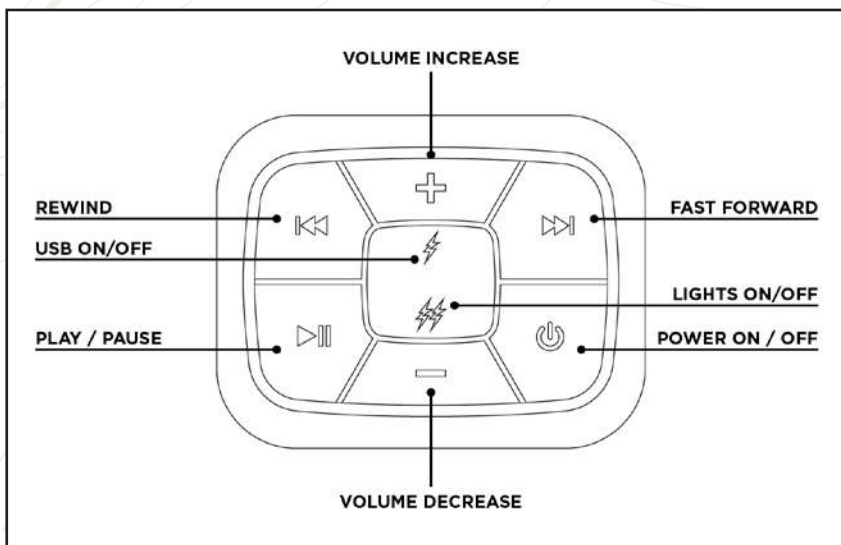
106 Powered by Minn Kota | Sonata 106 MK: Unlock the two lock knobs located at the front of the drive **(E)**, the lock knob located at the drive console **(F)** and remove the drive from the watercraft.

SONATA 106 MK: STEREO, SPEAKER, AND LIGHT FUNCTIONS

The Sonata 106 MK comes with waterproof (*IP65 rated*) Bluetooth speakers, USB charger, and LED lighting installed.

- The stereo/control panel is located on the right side of the seat, behind the throttle control. This panel controls the Bluetooth speakers, USB charger, and LED lights. The stereo/control panel features waterproof buttons with LED backlighting for easy navigation.
- The USB charger is located to the left of the seat, just below the forward-facing rod holder.
- The LED lights are located under each footbrace.
- There are 4 speakers, 2 are located on either side of the bow hatch, and 2 are in the stern tankwell.

CONTROL PANEL KEY



CONNECTING TO BLUETOOTH

- Power on the stereo. Check for the 'BT144' broadcast name on your device and select. Enter '0000' when prompted for a passcode.
- A beep tone will be heard when the connection is successful.

POWER ON/OFF

- To Power On the stereo, press and hold the power button for approximately 3 seconds.
- To Power Off the stereo, press the power button.

VOLUME CONTROL

- Press the '+' button to increase the volume, and press the '-' button to decrease the volume.
- To adjust the volume continuously, press and hold the '+' or '-' buttons for approximately 3 seconds.

FAST FORWARD/REWIND

- Press the fast forward '|<<' or rewind '>>|' buttons once to skip to the next or last song.
- To fast forward or rewind continuously, press and hold the '|>>' or '>>|' buttons for approximately 3 seconds.

PLAY/PAUSE

- Press the play/pause button to play or pause the music.

USB CHARGER

NOTICE

To extend the life of your battery, ensure that the USB charger is powered off when not in use.

- To power on/off the USB charger, press the single lightning bolt button.

LED LIGHTS:

- To power on/off the LED lights, press the double lightning bolt button.

BATTERY USE AND REQUIREMENTS

⚠ WARNING

Failure to follow these warnings could cause death or serious injury.

- **ALWAYS DISCONNECT THE BATTERY BOX AND THE DRIVE** from the boat before cleaning or checking the propeller.
- **ALWAYS REMOVE THE BATTERY BEFORE TRANSPORT.** Transporting the watercraft with the battery installed may result in fire or electric shock. DO NOT transport the watercraft with the battery installed.
- **ALWAYS REMOVE THE BATTERY BEFORE CHARGING.** Charging the battery while it is installed in the watercraft may result in fire or electric shock. DO NOT charge the battery while it is installed in the watercraft.

NOTICE

Significant damage to your Minn Kota motor, your boat electronics, and your boat can occur if incorrect connections are made between your trolling motor batteries and other battery systems. Minn Kota recommends using an exclusive battery system for your trolling motor. Where possible, accessories should be connected to a separate battery system. Radios and sonar units should not be connected to any trolling motor battery systems as interference from the trolling motor is unavoidable.

- The Old Town Sportsman AutoPilot 120 | 136 and 106 Powered by Minn Kota | Sonata 106 MK kayaks require a battery to power the electronic trolling motors used as primary propulsion on the kayaks. Both models come with a battery box and recessed battery storage under the seat. The battery box is designed to fit a **group 27 size battery (12" x 7" x 9") or smaller. Deep cycle sealed/spill proof lead acid batteries, AGM batteries, and Lithium-ion batteries are recommended. Your battery must be rated for 12V and be able to continuously discharge at least 50 amps.**
- While most deep-cycle sealed lead-acid batteries are compatible with our kayaks, there are benefits to investing in a lithium-ion battery. At roughly half the weight of lead-acid batteries, lithium-ion batteries use less weight capacity, making them easier to transport and extending the run time of your kayak. Whether you select lithium or sealed lead-acid, your battery must be able to continuously discharge 50 amps.
- **Please consult your battery's user manual for additional safety considerations and proper use.** To get the greatest performance and longest battery life out of your kayak, it is recommended to use a 100 amp-hour capacity battery, or greater.

In our own testing, we found the following results for run time on the **AutoPilot 120 | AutoPilot 136:**

MAX BATTERY LIFE* - 100 AH	25 HRS
TYPICAL BATTERY LIFE* - 100 AH	8 HRS
FULL THROTTLE BATTERY LIFE* - 100 AH	2 HRS

**New, fully charged battery on flat water with a moderate load. Your run time might vary.*

In our own testing, we found the following results for run time on the **106 Powered by Minn Kota | Sonata 106 MK:**

MAX BATTERY LIFE* - 100 AH	20 HRS
TYPICAL BATTERY LIFE* - 100 AH	7 HRS
FULL THROTTLE BATTERY LIFE* - 100 AH	2.5 HRS

**New, fully charged battery on flat water with a moderate load. Your run time might vary.*

FREQUENTLY ASKED QUESTIONS

Q: Can I use a different prop on my Minn Kota Drive or AutoPilot Drive, or are there other props that are compatible?

A: The use of aftermarket propellers on your Minn Kota Drive and AutoPilot Drive, voids the warranty. Minn Kota and AutoPilot Drive motors are designed to balance performance, durability, and reliability. Though an aftermarket prop may increase your kayak's speed, it may cause the motor to run hotter than designed, with adverse effects. For that reason, the warranty on the Minn Kota and AutoPilot motors only covers the use of the standard MKP-2 prop and weedless MKP-6 props.

Q: How do I care for the electrical connections on my powered watercraft?

A: Damaged connections will lead to poor connections and electrical arcing, which may cause melting on your plugs and sockets. If your plugs or sockets are damaged, both connections should be replaced. Call our customer service department to purchase replacement electrical components.

To reduce the likelihood of a poor electrical connection:

- Handle plugs, sockets, and connections with care, especially when installing or removing the battery box and drive. Rough handling of your these can create bends, leading to poor electrical connections.
- Check your plugs, sockets, and all connections, ensuring they are free and clear of corrosion, debris, or damage.
- Clean dirty plugs, sockets, and connections using the provided dielectric grease or dedicated electrical contact cleaner. Other solvents or cleaners may damage components.
- After thoroughly cleaning plugs, sockets, and connections, reapply a pea-sized amount of dielectric grease.

Q: I can't find my i-Pilot remote; can I still use my AutoPilot 120 | AutoPilot 136?

Yes, install the free i-Pilot app to your Apple or Android smartphone and pair with your motor. DO NOT use the rabbit function as this can engage the motor from 0 to 10 instantaneously. You can also purchase an i-Pilot Replacement Kit online at oldtownwatercraft.johnsonoutdoors.com/us/shop/accessories-parts/parts-repairs-other/i-pilot-remote-replacement-kit or call customer service to order a new one.

Q: Why is my AutoPilot 120 | AutoPilot 136 slowing down?

A: The carbon brushes in your AutoPilot Drive have an expected life of 150-200 hours. As these brushes wear down and approach the end of their life, motor performance will decrease and the brushes will need to be replaced. You can purchase a brush replacement kit at oldtownwatercraft.johnsonoutdoors.com/us/shop/accessories-parts/parts-repairs-other/sportsman-brush-replacement-kit or contact customer service.

Q: Why is there a lag between forward and reverse on my 106 Powered by Minn Kota | Sonata 106 MK?

A: That is by design. Slowing the transition between forward and reverse is to prevent motor damage from occurring.

Q: Are the lights covered by warranty?

A: Yes, coverage of lighting is one (1) year from the original purchase date.

Q: Are the speakers covered by warranty?

A: Yes, coverage of speakers and receiver is one (1) year from the original purchase date.

Q: Can the interior LED lights of my Sonata 106 MK be used as safety navigational lights?

A: No, the interior LED lights of the Sonata 106 MK cannot be used as navigational lights. Individuals that are underway between sunset and sunrise must purchase navigational lighting that aligns with USCG requirements to enhance safety.

MAINTENANCE AND CARE

⚠ WARNING

ALWAYS REMOVE THE BATTERY BEFORE TRANSPORT. Transporting the watercraft with the battery installed may result in fire or electric shock. DO NOT transport the watercraft with the battery installed.

NOTICE

The powered Old Town Drive mounts were not designed to hold the drive during road transportation. Remove the drive from the hull prior to transport and for any extended storage periods. Failure to do so can result in product damage.

Fight corrosion from day one

Use dielectric grease at all of the sockets and connections, including the battery terminals and fuse block, and electrical connectors.

- Battery terminals
- Battery cable with in-line fuse
- Drive Power Cable
- Hull socket located at the bow of the watercraft
- Socket located on the back side of the drive head unit
- In hull receptacle located inside the rectangular Click-Seal Hatch

If any metallic elements of the drive and/or watercraft have been exposed to saltwater or brackish water, thoroughly rinse with freshwater upon return.

Develop good battery charge/discharge habits

Follow the battery charging and storage guidelines to extend the lifespan of the battery. Learn what the best possible habits are for extending its lifespan. Refer to the information provided in this manual for full instructions or go to oldtownwatercraft.johnsonoutdoors.com/batteries for more information.

Check equipment

Check that the propeller and surrounding area is clear from debris and that the prop hardware is secure. Inspect rudder hardware and cables and tighten before going out on the water. Test drive functionality on land before taking out on the water.

Support your watercraft

When storing your watercraft long term, store upside down on padded bars or straps. It can also be stored deck side up with straps or pads that conform to the hull's shape. For long term storage, we recommend storing the boat indoors and/or out of sunlight. If your watercraft arrived with packaging thwart(s) installed, you can reinstall the packaging thwart(s) for support. For more information go to oldtownwatercraft.johnsonoutdoors.com/us/blog/ultimate-kayak-storage-guide.

Immediately address any damage that could lead to larger issues

Abrasions, nicks, and gouges on the watercraft are common. Address any of these on metallic or powder-coated surfaces as soon as possible. Tighten any elements that seem to be loosening or backing out of their factory condition.

The powered Old Town Watercrafts are backed by a limited 2-year motor warranty. Please register your craft at oldtownwatercraft.johnsonoutdoors.com/us/register.

WARNING

Operating, servicing and maintaining a recreational marine vessel can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, service your vessel in a well-ventilated area and wear gloves or wash your hands frequently when servicing this vessel. For more information go to www.P65warnings.ca.gov/marine.

The background of the entire page is a light beige topographic map. It features numerous thin, wavy contour lines that create a sense of depth and terrain. A single, more prominent dashed line winds across the middle of the map, possibly representing a trail or a road. The overall aesthetic is clean and outdoorsy.

Old Town®

For more information or links to owners' groups
for your Old Town watercraft, visit

OLDTOWNWATERCRAFT.COM/FAQ
