GARMIN®

FORCE® KRAKEN TROLLING MOTOR

You should reference United States Code of Federal Regulations: 33 CFR 183 - Boats and Associated Equipment and ABYC E-11: AC and DC Electrical Systems on Boats when installing this trolling motor.

El número de registro COFETEL/IFETEL puede ser revisado en el manual a través de la siguiente página de internet.

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Force® Kraken Trolling Motor
Installation Instructions

Getting Started

⚠ WARNING

See the *Important Safety and Product Information* guide in the product box for product warnings and other important information.

Do not run the motor when the propeller is out of the water. Contact with the rotating propeller may result in severe injury.

Failure to follow these warnings, cautions, and notices could result in personal injury, damage to the vessel or device, or poor product performance.

Do not use the motor in areas where you or other people in the water may come into contact with the rotating propeller.

Always disconnect the motor from the battery before cleaning or servicing the propeller to avoid injury.

⚠ CAUTION

To avoid possible personal injury, always wear safety goggles, ear protection, and a dust mask when drilling, cutting, or sanding.

When stowing or deploying the motor, be aware of the risk of entrapment or pinching from moving parts, which can result in injury.

When stowing or deploying the motor, be aware of slick surfaces around the motor. Slipping when stowing or deploying the motor may result in injury.

NOTICE

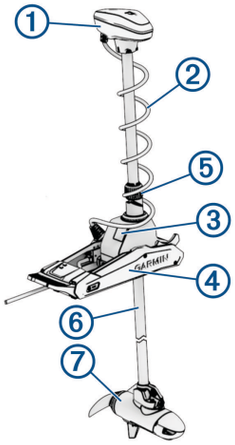
When drilling or cutting, always check what is on the opposite side of the surface to avoid damaging the vessel.

Tools and Supplies Needed

- Drill and a $^{5}/_{16}$ in. (8 mm) drill bit
- #2 Phillips screwdriver
- 4 mm hex bit or wrench
- $^{9}/_{16}$ in. (14 mm) socket
- Torque wrench
- Circuit breaker rated for continuous 60 A
- Trolling motor plug and receptacle rated for 60 A or greater (optional)
- 6, 4, or 2 AWG (16, 25, or 35 mm^2) wire for extended runs of the power cable
- Solder and heat-shrink tubing, if extending the power cable
- Stainless steel pan head $^{1}/_{4}$-20 (M6x1) bolts (if the included bolts are not long enough to mount the motor to the deck)

Installation Preparation

Device Overview

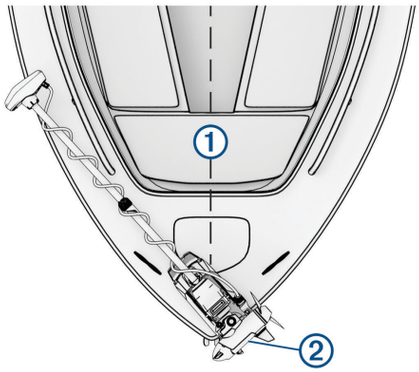


①	Shaft cap
②	Power and transducer cables
③	Depth-adjustment collar
④	Steering system
⑤	Mount
⑥	Shaft
⑦	Propeller drive motor

Mounting Considerations

When selecting a mounting location, observe these considerations.

- You must install the motor on the bow of your boat.
- You should install the mount so the deployed motor is as close to the center of the boat ① as possible.



- You must install the mount with the top of the cutout ② overhanging the gunwale of the boat. The U shape should be over the side of the boat.

- The motor secures to the deck of the boat using bolts, so you must have room to secure the mount from the underside using washers and nuts.
- The motor must have clearance to move from the deployed to the stowed position and back again, so the installation location must be clear of obstacles.
- Verify that the deck is strong enough for the weight and force of the trolling motor. Use a backing plate or reinforce the boat if needed.

Connection Considerations

When making the wiring connections, observe the following considerations.

- You must connect the trolling motor to a 24 or 36 Vdc battery bank capable of supplying 60 A continuously.
- You must connect to the power source through a circuit breaker rated for continuous 60 A (not included).
- If necessary, you can extend the power cable using the appropriate wire gauge based on the length of the extension (*Power Cable Extension*, page 4).
- For convenience, you can install a trolling motor plug and receptacle rated for 60 A or greater (not included) in the bulkhead to make it easier to disconnect the motor from the power source.

Installation Procedures

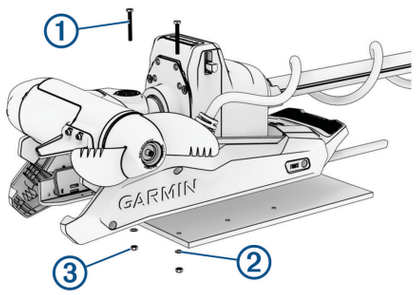
NOTICE

When assembling the motor, you must use hand tools to install all of the parts, observing the torque specifications when provided. Using power tools to assemble the motor may damage the components, and voids the warranty.

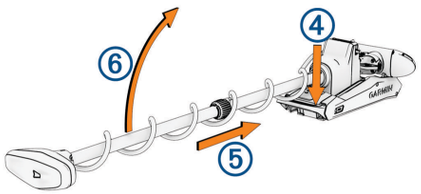
Installing the Motor on the Deck

NOTE: If the supplied bolts are not long enough for the mounting surface, you must obtain the appropriate length stainless steel pan head $^{1}/_{4}$ in. -20 (M6x1) bolts.

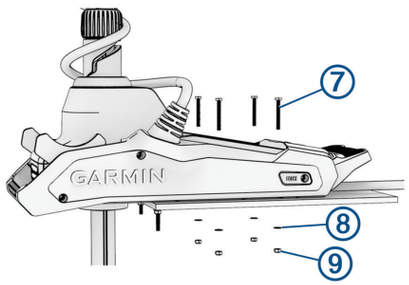
1. Select a mounting location on the bow of your boat, according to the mounting considerations.
2. Place the included mounting template on the mounting location with the mount on the template overhanging the gunwale or the edge of the boat deck.
3. Mark the mounting hole locations on the boat deck.
4. Using a $^{5}/_{16}$ in. (8 mm) drill bit, drill the mounting holes.
5. Place the motor on the boat deck, aligning the holes on the mount with the mounting holes.
6. Secure the mount to the deck using the included bolts ①, washers ②, and locking nuts ③ in the two holes closest to the gunwale or edge of the boat deck.



7. Adjust the depth stop so that the motor can deploy without hitting the ground.
8. Press the release ④, slide the propeller drive motor head out ⑤, and pivot the trolling motor into the deployed position ⑥.



9. Secure the mount to the deck using the included bolts ⑦, washers ⑧, and locking nuts ⑨ in the remaining holes.

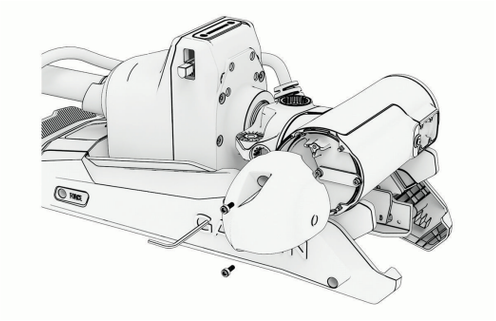


10. Tighten the nuts to a torque of 10.85 N-m (8 lbf-ft.).

Installing the Nose Cone

NOTE: Most models come fully assembled. This procedure is only required for the 90-inch Force® Kraken Trolling Motor.

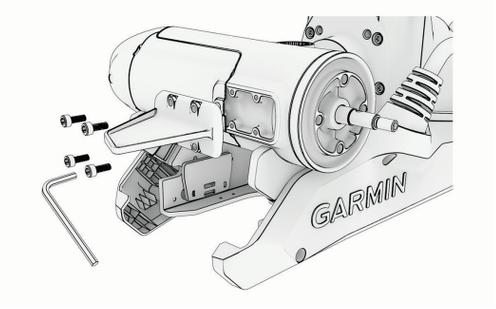
Using a 4 mm hex bit or wrench, secure the nose cone to the front of the propeller drive motor using the two included screws, ensuring the tab is on the bottom.



Installing the Skeg

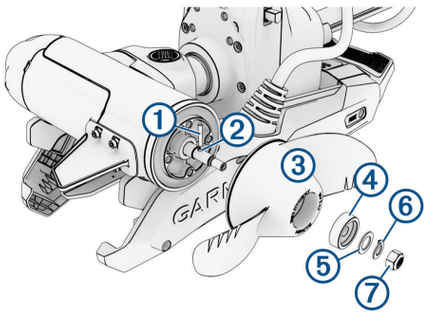
NOTE: Most models come fully assembled. This procedure is only required for the 90-inch Force Kraken Trolling Motor.

Using a 4 mm hex bit or wrench, secure the skeg to the propeller drive motor using the four included screws, ensuring the longer end of the skeg faces the propeller side.



Installing the Propeller

1. Insert the pin ① through the propeller motor shaft ②.



2. If necessary, rotate the motor shaft to orient the pin horizontally so it is less likely to fall out during installation.
3. Align the channel on the inside of the propeller ③ with the pin, and slide the propeller onto the motor shaft.
4. Place the anode ④, washer ⑤, lock washer ⑥, and nut ⑦ onto the end of the motor shaft.
5. Using a $^{9}/_{16}$ in. (14 mm) socket, tighten the lock nut to 6 lbf-ft (8.13 N-m) to secure the propeller.

Connecting to Power

⚠ WARNING

The circuit breaker must be in the off position before you connect the power cables from the trolling motor.

1. Route the power cable to the breaker panel or the location where you plan to install the breaker.
2. If necessary, extend the power cable using the appropriate wire gauge based on the length of the extension (*Power Cable Extension*, page 4) using solder and heat-shrink tubing.
3. Install a trolling motor plug and receptacle rated for 60 A or greater where the power cable enters a bulkhead (optional).
4. Connect the power cable to a circuit breaker rated for 60 A (continuous).
5. If necessary, connect the circuit breaker to a 60 A, 24 or 36 Vdc power source.

Power Cable Extension

You can extend the power cable using the appropriate gauge of wire based on the length of the extension.

NOTICE

Power cable extensions must use single-conductor wire, with a minimum 75°C (167°F) insulation, that is not bundled, not sheathed, and not run through conduit. If you are using wire with 105°C (221°F) insulation or better, you can bundle up to three conductors inside a sheath or conduit outside of engine spaces.

When installing the power cable extension, you must follow industry standards and best practices.

Extension length	Minimum wire gauge	Optimal wire gauge
0 to 3 m (0 to 10 ft.)	6 AWG (16 mm^2)	6 AWG (16 mm^2)
3 to 4.6 m (10 to 20 ft.)	6 AWG (16 mm^2)	4 AWG (25 mm^2)
4.6 to 9.1 m (20 to 30 ft.)	6 AWG (16 mm^2)	2 AWG (35 mm^2)

Connecting the Transducer to a Chartplotter

Select Force Kraken Trolling Motor models include a built-in transducer. If your model does not include a transducer, you must install one before you can connect it to a compatible chartplotter.The built-in 12-pin transducer is compatible with select Garmin® chartplotter models. Go to garmin.com or contact your Garmin dealer for more information.

1. Route the transducer cable to the installed chartplotter. If necessary, connect the included extension cable or a longer extension cable.
2. Install the locking collar on the end of the transducer cable.
3. Connect the transducer cable to the transducer port on the back of the chartplotter.

   You can refer to the instructions provided with your chartplotter to identify the transducer port.

Stabilizer Installation

The stabilizer is an optional accessory that can help stabilize and provide additional support for the trolling motor when it is in the stowed position.

NOTE: A stabilizer is only included with the Force Kraken Trolling Motor 90" model.

Installation instructions for the stabilizer are provided in the stabilizer box.

Remote Control Installation

The remote control connects to the trolling motor wirelessly and is paired at the factory.

Operation instructions are included in the *Force Kraken Trolling Motor Quick Start Manual*.

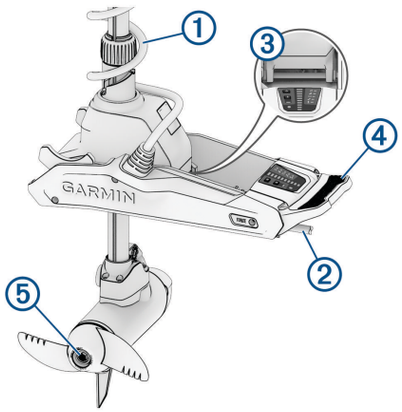
Maintenance Needs and Schedule

NOTICE

After using the motor in salt water or brackish water, you must rinse off the entire motor with fresh water, and apply a water-based silicone spray using a soft cloth. You should avoid spraying jets of water at the cap on the top of the shaft when rinsing the motor.

To maintain your warranty, you must perform a series of routine maintenance tasks as you prepare your motor for the season. If you use or transport the motor in dry, dusty environments (traveling on gravel roads, for example) you should perform these tasks more often during the season.

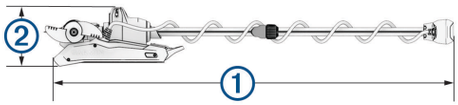
For detailed procedures and information on service and replacement parts, go to garmin.com/manuals/kraken_trolling_motor to download the *Force Kraken Trolling Motor Maintenance Manual*.



- Examine the coil cable ① for wear, and replace it as necessary.
- Check and clean the power cables ②.
- Lubricate the hinge ③ with marine grade grease.
- Clean and lubricate the stow and deploy latch pedal ④.
- Clean or replace the anodes ⑤ in the propeller drive motor.

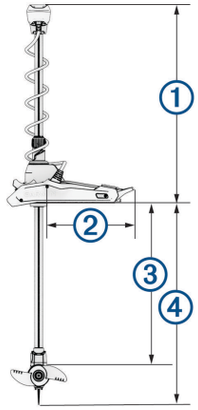
Motor Information

Stowed Dimensions



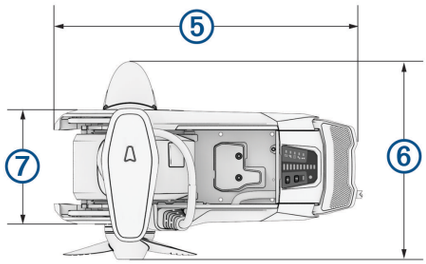
Item	63 in. Model	75 in. Model	90 in. Model
① length on boat	1687 m ($66^7/_{16}$ in.)	1992 mm ($78^7/_{16}$ in.)	2373 mm ($93^7/_{16}$ in.)
② mount height	262 mm ($10^5/_{16}$ in.)	262 mm ($10^5/_{16}$ in.)	262 mm ($10^5/_{16}$ in.)
3 overhang height	17 mm ($^{11}/_{16}$ in.)	17 mm ($^{11}/_{16}$ in.)	17 mm ($^{11}/_{16}$ in.)
4 overhang length	207mm ($8^1/_8$ in.)	207mm ($8^1/_8$ in.)	207mm ($8^1/_8$ in.)

Deployed Dimensions



Item	63 in. Model	75 in. Model	90 in. Model
① minimum height	486 mm ($19\ ^1/_8$ in.).	486 mm ($19\ ^1/_8$ in.).	486 mm ($19\ ^1/_8$ in.).
② mount length on deck	460 mm ($18^1/_8$ in.)	460 mm ($18^1/_8$ in.)	460 mm ($18^1/_8$ in.)

Item	63 in. Model	75 in. Model	90 in. Model
③ maximum propeller depth	1260 mm (49 5/8 in.)	1565 mm (61 5/8 in.)	1946 mm (49 5/8 in.)
④ maximum distance to from mount to skeg tip	1454 mm (57 1/4 in.) min.	1759 mm (69 1/8 in.) min.	2137 mm (84 1/8 in.) min.



Item	All Models
⑤ mount length	612.235 mm (24 1/8 in.)
⑥ motor head length	With transducer, 427 (16 13/16 in.) Without transducer, 412 mm (16 1/4 in.)
⑦ mount width	246 mm (9 11/16 in.)

Contacting Garmin Support

- Go to **support.garmin.com** for help and information, such as product manuals, frequently asked questions, videos, and customer support.
- In the USA, call 913-397-8200 or 1-800-800-1020.
- In the UK, call 0808 238 0000.
- In Europe, call +44 (0) 870 850 1241.

Specifications

Trolling Motor

Weight (motor, mount, and cables)	63 in. white model: 24 kg (53 lb.) 63 in. black model: 24.5 kg (54 lb.) 75 in. white model: 24.5 kg (54 lb.) 75 in. black model: 25.4 kg (56 lb.) 90 in. white model: 25 kg (55 lb.)
Weight (stabilizer)	0.66 kg (1.45 lb.)
Operating temperature	From -5° to 40°C (from 32° to 104°F)
Storage temperature	From -40° to 85°C (-40° to 185°F)
Material	Mount and motor housing: aluminum Shaft cap, display panel, and side panels: plastic Motor shaft: fiberglass
Water rating	Shaft cap: IEC 60529 IPX5[1] Steering motor housing: IEC 60529 IPX7[2] Display panel housing: IEC 60529 IPX7 Propeller drive motor housing: IEC 60529 IPX8[3]
Compass safe distance	61 cm (2 ft.)
Power cable length	63 in. model: XX m (XX ft.) 75 in. model: XX m (XX ft.) 90 in. model: XX m (XX ft.)
Input voltage	From 20 to 45 Vdc
Input amperage	60 A continuous
Breaker (not included)	42 VDC or greater, suitable for 60 A continuous **NOTE:** You can protect the system by using a larger circuit breaker, not to exceed 90 A, if you are operating under high temperatures or if you are sharing the circuit with other devices. You should verify that your boat wiring meets marine wiring standards using a larger breaker before changing it.
Main power usage at 36 Vdc 60 A	Off: 72 mW Full power: 2160 W
Radio frequency	2.4 GHz @ 17.4 dBm Max

Remote Control

Dimensions (W×H×D)	152 x 52 x 32 mm (6 x 2 x 1 1/4 in.)
Weight	109 g (3.8 oz.) without batteries
Material	Glass-filled nylon
Display type	Sunlight-visible, transflective memory-in-pixel (MIP)
Display resolution	R240 x 240 pixels
Display size (diameter)	30.2 mm (1 3/16 in.)
Operating temperature	From -15° to 55°C (5° to 131°F)
Storage temperature	From -40° to 85°C (-40° to 185°F)
Battery type	2 AA (not included)
Battery life	240 hr., typical use
Radio frequency	2.4 GHz @ 3.4 dBm nominal
Water rating	IEC 60529 IPX7[4]
Compass-safe distance	15 cm (6 in.)

[1] The part withstands projected water exposure from any direction (such as rain).
[2] The part withstands incidental immersion in water up to 1 m deep for up to 30 min.
[3] The part withstands continuous immersion in water up to 3 m deep.
[4] Withstands incidental exposure of water up to 1 m for up to 30 min.

Force® Kraken Trolling Motor
Instructions d'installation

Getting Started

⚠ WARNING

Consultez le guide *Informations importantes sur le produit et la sécurité* inclus dans l'emballage du produit pour prendre connaissance des avertissements et autres informations importantes sur le produit.

N'enclenchez pas le moteur tant que l'hélice se trouve hors de l'eau. Tout contact avec l'hélice en rotation peut provoquer des blessures graves.

Le non-respect de ces avertissements, avis et mises en garde est susceptible de provoquer des blessures, d'endommager le bateau et l'appareil ou de dégrader les performances du produit.

N'utilisez jamais le moteur dans un lieu ou vous, ou d'autres personnes dans l'eau, peuvent entrer en contact avec l'hélice en rotation.

Pour éviter de vous blesser, veillez à toujours débrancher le moteur de la batterie avant de nettoyer ou d'entretenir l'hélice.

⚠ CAUTION

Pour éviter les blessures, portez des lunettes de protection, un équipement antibruit et un masque anti-poussière lorsque vous percez, coupez ou poncez.

Lorsque vous stockez ou déployez le moteur, prenez garde au risque de coincement ou de pincement lié aux pièces mobiles, car vous risquez de vous blesser.

Lorsque vous stockez ou déployez le moteur, prenez garde aux surfaces glissantes autour du moteur. Si vous glissez en stockant ou en déployant le moteur, vous risquez de vous blesser.

NOTICE

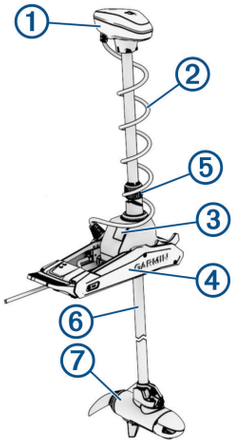
Lorsque vous percez ou coupez, commencez toujours par vérifier ce qui se trouve sur la face opposée de la surface de montage pour éviter d'endommager le bateau.

Tools and Supplies Needed

- Drill and a $^{5}/_{16}$ in. (8 mm) drill bit
- #2 Phillips screwdriver
- 4 mm hex bit or wrench
- $^{9}/_{16}$ in. (14 mm) socket
- Torque wrench
- Circuit breaker rated for continuous 60 A
- Trolling motor plug and receptacle rated for 60 A or greater (optional)
- 6, 4, or 2 AWG (16, 25, or 35 mm^2) wire for extended runs of the power cable
- Solder and heat-shrink tubing, if extending the power cable
- Stainless steel pan head $^{1}/_{4}$-20 (M6x1) bolts (if the included bolts are not long enough to mount the motor to the deck)

Préparation de l'installation

Device Overview

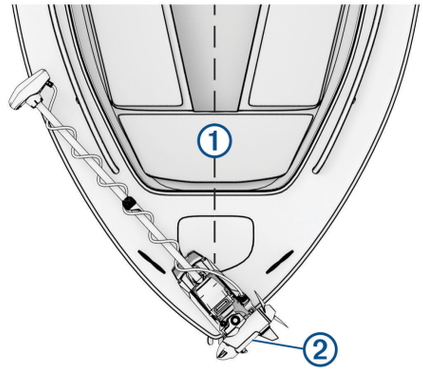


①	Shaft cap
②	Power and transducer cables
③	Depth-adjustment collar
④	Steering system
⑤	Mount
⑥	Shaft
⑦	Propeller drive motor

Mounting Considerations

When selecting a mounting location, observe these considerations.

- You must install the motor on the bow of your boat.
- You should install the mount so the deployed motor is as close to the center of the boat ① as possible.



- You must install the mount with the top of the cutout ② overhanging the gunwale of the boat. The U shape should be over the side of the boat.

- The motor secures to the deck of the boat using bolts, so you must have room to secure the mount from the underside using washers and nuts.
- The motor must have clearance to move from the deployed to the stowed position and back again, so the installation location must be clear of obstacles.
- Verify that the deck is strong enough for the weight and force of the trolling motor. Use a backing plate or reinforce the boat if needed.

Considérations relatives à la connexion

Lorsque vous branchez les câbles, respectez les points suivants.

- Vous devez brancher le moteur électrique à une batterie de 24 ou 36 V c.c. capable de fournir un courant continu de 60 A.
- Vous devez brancher la source d'alimentation à l'aide d'un disjoncteur adapté au courant continu de 60 A (non fourni).
- Si nécessaire, vous pouvez rallonger le câble d'alimentation à l'aide d'un calibre de fil adéquat (*Rallonge de câble d'alimentation*, page 8).
- Pour plus de commodité, vous pouvez fixer une fiche et une prise pour moteur électrique adaptées au courant de 60 A ou plus (non incluses) dans la cloison afin de faciliter le débranchement du moteur de la source d'alimentation.

Procédure d'installation

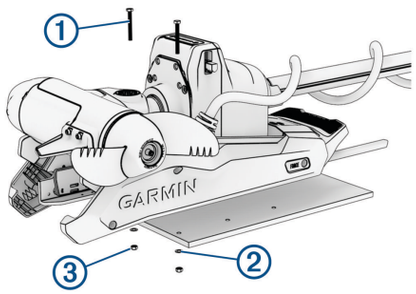
AVIS

Lorsque vous installez le moteur, vous devez utiliser des outils manuels pour installer toutes les pièces en veillant à bien respecter le couple lorsqu'il est indiqué. Si vous utilisez des outils électriques pour assembler le moteur, vous risquez d'endommager les composants et d'entraîner l'annulation de la garantie.

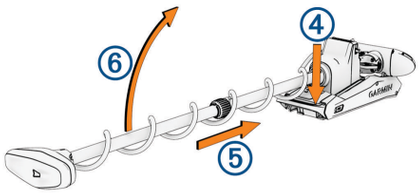
Installing the Motor on the Deck

NOTE: If the supplied bolts are not long enough for the mounting surface, you must obtain the appropriate length stainless steel pan head $^{1}/_{4}$ in. -20 (M6x1) bolts.

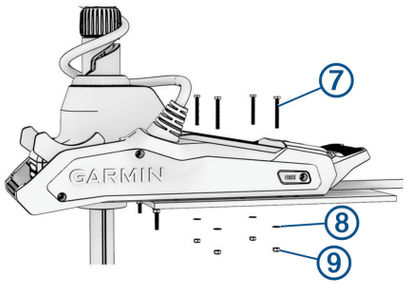
1. Select a mounting location on the bow of your boat, according to the mounting considerations.
2. Place the included mounting template on the mounting location with the mount on the template overhanging the gunwale or the edge of the boat deck.
3. Mark the mounting hole locations on the boat deck.
4. Using a $^{5}/_{16}$ in. (8 mm) drill bit, drill the mounting holes.
5. Place the motor on the boat deck, aligning the holes on the mount with the mounting holes.
6. Secure the mount to the deck using the included bolts ①, washers ②, and locking nuts ③ in the two holes closest to the gunwale or edge of the boat deck.



7. Adjust the depth stop so that the motor can deploy without hitting the ground.
8. Press the release ④, slide the propeller drive motor head out ⑤, and pivot the trolling motor into the deployed position ⑥.



9. Secure the mount to the deck using the included bolts ⑦, washers ⑧, and locking nuts ⑨ in the remaining holes.

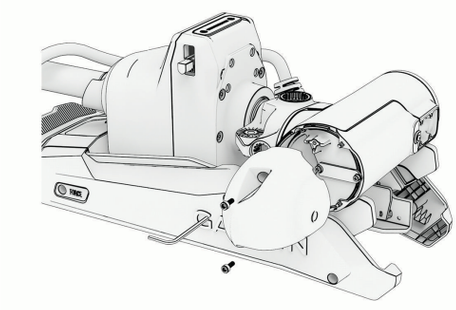


10. Tighten the nuts to a torque of 10.85 N-m (8 lbf-ft.).

Installing the Nose Cone

NOTE: Most models come fully assembled. This procedure is only required for the 90-inch Force Kraken Trolling Motor.

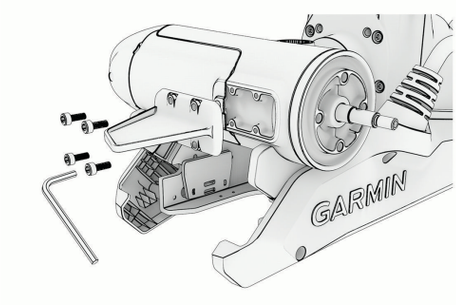
Using a 4 mm hex bit or wrench, secure the nose cone to the front of the propeller drive motor using the two included screws, ensuring the tab is on the bottom.



Installing the Skeg

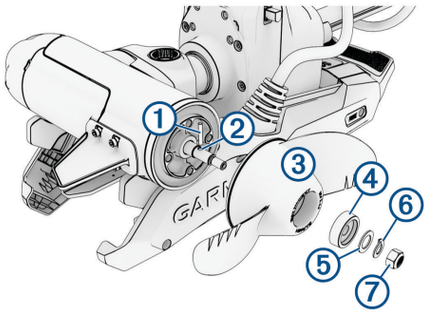
NOTE: Most models come fully assembled. This procedure is only required for the 90-inch Force Kraken Trolling Motor.

Using a 4 mm hex bit or wrench, secure the skeg to the propeller drive motor using the four included screws, ensuring the longer end of the skeg faces the propeller side.



Installing the Propeller

1. Insert the pin ① through the propeller motor shaft ②.



2 If necessary, rotate the motor shaft to orient the pin horizontally so it is less likely to fall out during installation.

3 Align the channel on the inside of the propeller ③ with the pin, and slide the propeller onto the motor shaft.

4 Place the anode ④, washer ⑤, lock washer ⑥, and nut ⑦ onto the end of the motor shaft.

5 Using a $^{9}/_{16}$ in. (14 mm) socket, tighten the lock nut to 6 lbf-ft (8.13 N-m) to secure the propeller.

Connecting to Power

⚠ WARNING

The circuit breaker must be in the off position before you connect the power cables from the trolling motor.

1 Route the power cable to the breaker panel or the location where you plan to install the breaker.

2 If necessary, extend the power cable using the appropriate wire gauge based on the length of the extension (*Rallonge de câble d'alimentation*, page 8) using solder and heat-shrink tubing.

3 Install a trolling motor plug and receptacle rated for 60 A or greater where the power cable enters a bulkhead (optional).

4 Connect the power cable to a circuit breaker rated for 60 A (continuous).

5 If necessary, connect the circuit breaker to a 60 A, 24 or 36 Vdc power source.

Rallonge de câble d'alimentation

Vous pouvez rallonger le câble d'alimentation en utilisant un calibre de fil adéquat.

AVIS

La rallonge du câble d'alimentation doit consister en un fil à un brin avec une isolation minimale à 75 °C (167 °F), sans gaine, qui ne doit pas être intégré dans un faisceau ni passer par un conduit. Si le fil que vous utilisez à une isolation à 105 °C (221 °F) ou plus, vous pouvez assembler jusqu'à trois brins dans une gaine ou un conduit hors de l'espace où se trouve le moteur.

Lors de l'installation de la rallonge de câble d'alimentation, veillez à respecter les normes et bonnes pratiques.

Longueur de la rallonge	Calibre de fil minimal	Calibre de fil optimal
0 à 3 m (0 à 10 pi)	16 mm^2 (6 AWG)	16 mm^2 (6 AWG)
De 3 à 4,6 m (de 10 à 20 pi)	16 mm^2 (6 AWG)	25 mm^2 (4 AWG)
De 4,6 à 9,1 m (de 20 à 30 pi)	16 mm^2 (6 AWG)	35 mm^2 (2 AWG)

Connecting the Transducer to a Chartplotter

Select Force Kraken Trolling Motor models include a built-in transducer. If your model does not include a transducer, you must install one before you can connect it to a compatible chartplotter.The built-in 12-pin transducer is compatible with select Garmin chartplotter models. Go to garmin.com or contact your Garmin dealer for more information.

1 Route the transducer cable to the installed chartplotter. If necessary, connect the included extension cable or a longer extension cable.

2 Install the locking collar on the end of the transducer cable.

3 Connect the transducer cable to the transducer port on the back of the chartplotter.

You can refer to the instructions provided with your chartplotter to identify the transducer port.

Stabilizer Installation

The stabilizer is an optional accessory that can help stabilize and provide additional support for the trolling motor when it is in the stowed position.

NOTE: A stabilizer is only included with the Force Kraken Trolling Motor 90" model.

Installation instructions for the stabilizer are provided in the stabilizer box.

Remote Control Installation

The remote control connects to the trolling motor wirelessly and is paired at the factory.

Operation instructions are included in the *Force Kraken Trolling Motor Quick Start Manual*.

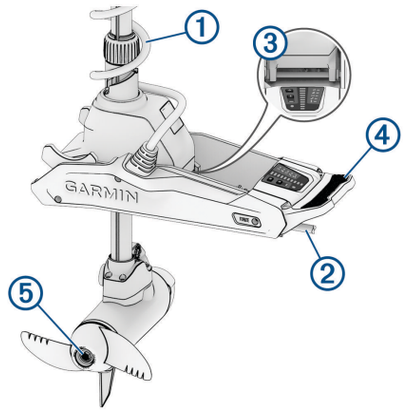
Maintenance Needs and Schedule

NOTICE

Si vous avez utilisé le moteur dans de l'eau salée ou saumâtre, vous devez le rincer entièrement à l'eau claire et appliquer un spray silicone à base d'eau à l'aide d'un chiffon doux. Évitez les jets d'eau sur le capuchon au sommet de l'arbre lorsque vous rincez le moteur.

To maintain your warranty, you must perform a series of routine maintenance tasks as you prepare your motor for the season. If you use or transport the motor in dry, dusty environments (traveling on gravel roads, for example) you should perform these tasks more often during the season.

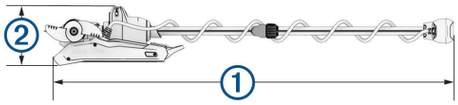
For detailed procedures and information on service and replacement parts, go to garmin.com/manuals/kraken_trolling_motor to download the *Force Kraken Trolling Motor Maintenance Manual*.



- Examine the coil cable ① for wear, and replace it as necessary.
- Check and clean the power cables ②.
- Lubricate the hinge ③ with marine grade grease.
- Clean and lubricate the stow and deploy latch pedal ④.
- Clean or replace the anodes ⑤ in the propeller drive motor.

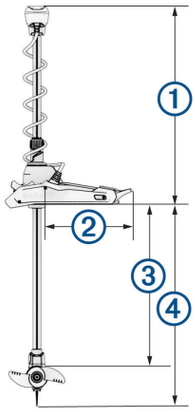
Informations sur le moteur

Stowed Dimensions

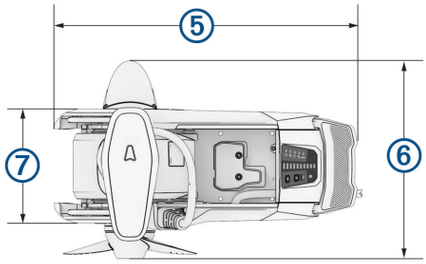


Item	63 in. Model	75 in. Model	90 in. Model
① length on boat	1687 m ($66^{7}/_{16}$ in.)	1992 mm ($78^{7}/_{16}$ in.)	2373 mm ($93^{7}/_{16}$ in.)
② mount height	262 mm ($10^{5}/_{16}$ in.)	262 mm ($10^{5}/_{16}$ in.)	262 mm ($10^{5}/_{16}$ in.)
3 overhang height	17 mm ($^{11}/_{16}$ in.)	17 mm ($^{11}/_{16}$ in.)	17 mm ($^{11}/_{16}$ in.)
4 overhang length	207mm ($8^{1}/_{8}$ in.)	207mm ($8^{1}/_{8}$ in.)	207mm ($8^{1}/_{8}$ in.)

Deployed Dimensions



Item	63 in. Model	75 in. Model	90 in. Model
① minimum height	486 mm (19 1/8 in.).	486 mm (19 1/8 in.).	486 mm (19 1/8 in.).
② mount length on deck	460 mm (18 1/8 in.)	460 mm (18 1/8 in.)	460 mm (18 1/8 in.)
③ maximum propeller depth	1260 mm (49 5/8 in.)	1565 mm (61 5/8 in.)	1946 mm (49 5/8 in.)
④ maximum distance to from mount to skeg tip	1454 mm (57 1/4 in.) min.	1759 mm (69 1/8 in.) min.	2137 mm (84 1/8 in.) min.



Item	All Models
⑤ mount length	612.235 mm (24 1/8 in.)
⑥ motor head length	With transducer, 427 (16 13/16 in.) Without transducer, 412 mm (16 1/4 in.)
⑦ mount width	246 mm (9 11/16 in.)

Contacter le support Garmin

- Rendez-vous sur **support.garmin.com** pour obtenir de l'aide et des informations, et accéder aux manuels des produits, aux questions fréquentes, à des vidéos et à l'assistance client.
- Aux Etats-Unis, appelez le 913-397-8200 ou le 1-800-800-1020.
- Au Royaume-Uni, appelez le 0808 238 0000.
- En Europe, appelez le +44 (0) 870 850 1241.

Caractéristiques techniques

Trolling Motor

Weight (motor, mount, and cables)	63 in. white model: 24 kg (53 lb.) 63 in. black model: 24.5 kg (54 lb.) 75 in. white model: 24.5 kg (54 lb.) 75 in. black model: 25.4 kg (56 lb.) 90 in. white model: 25 kg (55 lb.)
Weight (stabilizer)	0.66 kg (1.45 lb.)
Operating temperature	From -5° to 40°C (from 32° to 104°F)
Storage temperature	From -40° to 85°C (-40° to 185°F)
Material	Mount and motor housing: aluminum Shaft cap, display panel, and side panels: plastic Motor shaft: fiberglass
Water rating	Shaft cap: IEC 60529 IPX5[5] Steering motor housing: IEC 60529 IPX7[6] Display panel housing: IEC 60529 IPX7 Propeller drive motor housing: IEC 60529 IPX8[7]
Compass safe distance	61 cm (2 ft.)
Power cable length	63 in. model: XX m (XX ft.) 75 in. model: XX m (XX ft.) 90 in. model: XX m (XX ft.)
Input voltage	From 20 to 45 Vdc
Input amperage	60 A continuous
Breaker (not included)	42 VDC or greater, suitable for 60 A continuous **NOTE:** You can protect the system by using a larger circuit breaker, not to exceed 90 A, if you are operating under high temperatures or if you are sharing the circuit with other devices. You should verify that your boat wiring meets marine wiring standards using a larger breaker before changing it.
Main power usage at 36 Vdc 60 A	Off: 72 mW Full power: 2160 W
Radio frequency	2.4 GHz @ 17.4 dBm Max

Remote Control

Dimensions (W×H×D)	152 x 52 x 32 mm (6 x 2 x 1 1/4 in.)
Weight	109 g (3.8 oz.) without batteries
Material	Glass-filled nylon
Display type	Sunlight-visible, transflective memory-in-pixel (MIP)
Display resolution	R240 x 240 pixels
Display size (diameter)	30.2 mm (1 3/16 in.)
Operating temperature	From -15° to 55°C (5° to 131°F)
Storage temperature	From -40° to 85°C (-40° to 185°F)
Battery type	2 AA (not included)
Battery life	240 hr., typical use
Radio frequency	2.4 GHz @ 3.4 dBm nominal
Water rating	IEC 60529 IPX7[8]
Compass-safe distance	15 cm (6 in.)

[5] The part withstands projected water exposure from any direction (such as rain).
[6] The part withstands incidental immersion in water up to 1 m deep for up to 30 min.
[7] The part withstands continuous immersion in water up to 3 m deep.
[8] Withstands incidental exposure of water up to 1 m for up to 30 min.