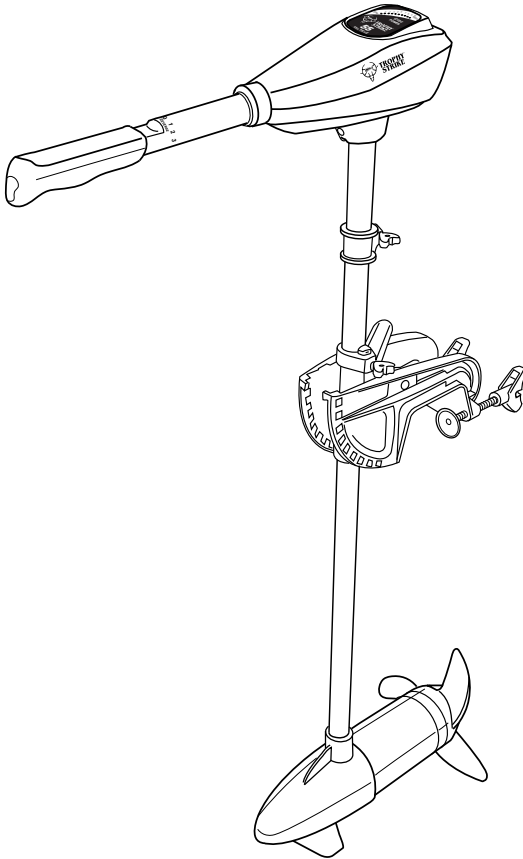


TROPHY STRIKE®

Transom Mount Trolling Motors



108487 (36Lbs) / 108488 (46Lbs) / 108489 (55Lbs) / 108490 (60Lbs)

Operation Manual



This safety alert symbol identifies important safety messages in this manual. Failure to follow this important safety information may result in serious injury or death.

Part # 108706 Rev B



Trophy Strike® is a brand of



FrictionlessWorld

1100 W 120th Ave, Suite 600
Westminster, CO 80234 • 720-287-5182

For Service or Questions

Call 1-877-487-8275

720-287-5182

www.trophystrike.com

Register warranty online within 30 days of purchase!

trophystrike.com/warranty

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Safety Information



WARNING

Read the Operation Manual Before Use

- This is not a life saving device (no flotation)
- Do not allow children to operate or leave unattended with the trolling motor
- Users must wear a Coast Guard approved life jacket
- Read the operation Manual before attempting to operate the trolling motor
- Never submerge the controller
- If the controller falls into water, clean, and allow to dry before operating
- Use the trolling motor at a temperature between -4° and 113°F (-20° - +45°C)
- Never replace parts with unauthorized components
- Never try to disassemble the trolling motor
- To prevent damage to the shaft avoid over tensioning the mounting bracket
- Never allow hands, feet, hair, clothing or foreign objects to come into contact with the propeller
- Always inspect the area to be navigated for people, rocks, plants or hazards
- Only operate in water that is deeper than 2.7 feet (0.8 meters)
- Recharge battery when only 4 lights are illuminated
- Keep the battery in a well ventilated area
- Always disconnect the battery from the trolling motor when not in use

Safety Decals

Safety labels on the ice auger are to remind you of important information while you are operating the unit. Make sure all safety warning decals are attached and in readable condition. Replace missing or defaced decals. Contact Trophy Strike at **1-877-487-8275** for replacement decals.



WARNING



108705

- This is not a life saving device (no flotation)
- Read manual before operating
- Do not leave children unattended with trolling motor
- Keep hair, clothing and body away from propeller
- Wear Coast Guard approved flotation device
- Only use in water deeper than 2.7 feet (0.8 meters)
- Do not use if waves are higher than 3.28 feet (1 meter)
- Watch for hazards: plants, rocks, swimmers and boats
- To prevent damage to shaft do not overtighten bracket
- Keep upper portion of trolling motor dry, do not submerge
- Connect red cable to positive, black cable to negative
- After 30 minutes of use at high speed reduce to lower speed
- Recharge battery when only 4 lights are illuminated
- Disconnect from battery when only 3 lights are illuminated

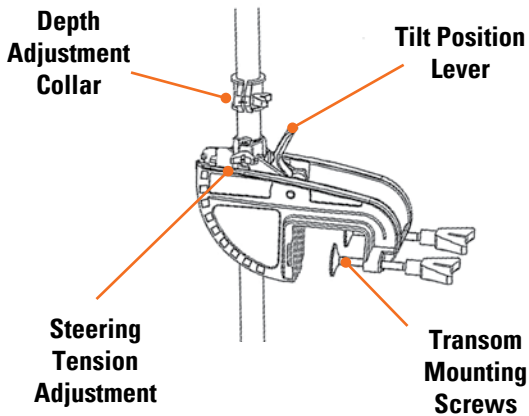
Transom Mounting Installation

Tilt Position Lever - allows the user to adjust the angle of the motor

Steering Tension Adjustment - To adjust the steering resistance tighten or loosen

Depth Adjustment Collar - Adjust the trolling motor up or down by loosening the collar located on the column directly above the mount. The column can be adjusted and the motor positioned at the desired depth in the water. Then secure by tightening the collar.

Transom Mounting Screws - Allow for easy and fast connection to the vessels mounting bracket.



First Time Running

1. Place trolling motor onto the back of the vessel.
2. Lightly tighten the transom mounting screws to the mounting bracket of the vessel.
3. Press the tilt lever and gently lower the trolling motor's propeller into the water.
4. Use the depth adjuster collar to adjust the height of the trolling motor.
5. The trolling motor should be between 6" - 12" below the waterline.
Never operate the trolling motor with the propeller out of the water.

Operation

Connection to Battery



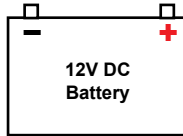
WARNING

Be sure that the switch is in the off position before connecting to a battery.

1. Once the trolling motor is adjusted at a safe operating depth, fully tighten the transom mounting screws.
2. Ensure the twist grip is on the neutral position "0".
3. Attach the battery cables to a 12 volt battery. The red wire should attach to the positive battery terminal (+) and the black cable should attach to the negative terminal (-).

Black Cable
to
Negative
Terminal

Red Cable
to
Positive
Terminal



Battery Type

12V deep cycle or marine battery with at least 50 ampere hour rating. To extend running time two batteries can be attached wired in tandem. If it is necessary to extend the battery cable length use 6 gauge AWG wire.



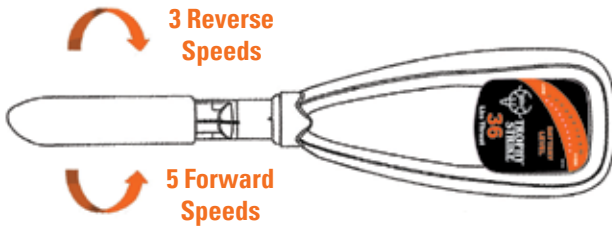
WARNING

Batteries contain sulphuric acid which can cause severe burns to eyes, skin and clothing.

Avoid direct contact with the battery or use gloves to handle. The battery produces hydrogen and oxygen when being charged. Use caution when charging the battery. Avoid battery contact with open flame or other possible sources of ignition including electrical devices.

Controlling the Motor

1. Select the desired speed using the twist grip. There are 5 forward speeds and three reverse speeds. NEVER go from a forward speed to a reverse speed without allowing the propeller to come to a complete stop.



On/Off Speed Control

Rotate the handle clockwise to move forward. There are 5 forward speeds. Rotate the handle counter-clockwise to move in reverse. There are 3 reverse speeds. To stop the trolling motor from running move the handle to the off "0" position.

Adjusting the Propeller Depth

Move the control handle to the off "0" position. Unloosen the depth adjustment collar and position the trolling motor either up or down. the operating depth should be between 6" and 12" deep.

Battery Level Indicator

There are 10 LED lights on the top of the trolling motor. 10 lights illuminated indicate a full battery charge. When seven of the batteries are not illuminated the battery should be disconnected from the trolling motor and charged.



Battery Level Indicator LED's

Operation

Raising the Trolling Motor

To raise the trolling motor out of the water, turn the handle to the off “0” position. Disconnect from the battery to prevent accidental start. Push and hold the tilt lever with one hand and with the other hand push down on the end of the handle to bring the propeller up and out of the water. Then release the tilt lever to lock into place.

Lowering the Trolling Motor

Disconnect the battery to prevent accidental start. Press the tilt lever with one hand and with the other hand hold onto the end of the handle and slowly lower the propeller into the water. When fully lowered into position, release the tilt lever to lock into place.

After Every Use

1. Check the propeller and remove any plants, fishing line or other debris after each use.
2. Lubricate the pivot points with a non-aerosol lubricant. Spray lubricants may contain components that are harmful to various parts of the trolling motor.
3. Check all battery connections for tightness.
4. Check condition of all battery cables and replace if necessary.
5. Thoroughly wash the trolling motor propeller and shaft and components that have come into contact with salt water. Avoid getting the top and handle of the trolling motor wet.
6. Recharge batteries for next use.
7. Store the trolling motor in an area constantly above freezing temperature.

Replacing the Propeller

1. Disconnect the trolling motor from the battery.
2. Hold the propeller blade with one hand and using the spanner included or needle nose pliers remove the propeller nut (see Figure 1).
3. Pull the propeller straight forward and off of the shaft (see Figure 2). Tap the backside of the propeller with a rubber mallet to loosen if necessary. Replace the propeller pin if bent (see Figure 3). Align the new propeller with the shaft and reinstall propeller nut by hand, then 1/4 turn with pliers or spanner. Do not over-tighten the propeller nut.

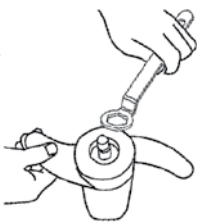


Figure 1

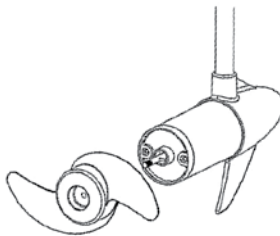


Figure 2

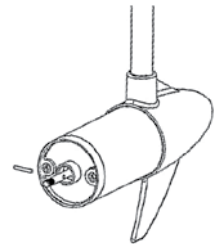


Figure 3



WARNING

Do not strike the propeller pin with a hammer to remove it.
Damage to the trolling motor shaft may occur.

Troubleshooting

<p>Loss of power</p>	<p>Propeller may be entangled with debris. Remove propeller clean and replace. Battery connections may be loose. Battery may have low charge. Battery may be faulty. Wrong cable size connection from battery to motor. Permanent magnet cracked or chipped. Motor will make a whining or grinding sound.</p>
<p>Excessive noise or vibration</p>	<p>Propeller may be entangled with debris. Remove propeller clean and replace. Propeller may be damaged or unbalanced. Propeller may be loose. Trolling motor shaft is bent. Remove propeller, set at medium speed and check if armature wobbles. Turn propeller by hand. It should move freely with a slight resistance of the motor.</p>
<p>Motor does not power on</p>	<p>Check for loose connections. Turn propeller by hand. It should move freely with a slight resistance of the motor. Recharge battery and check voltage. Propeller may be entangled with debris. Remove propeller clean and replace.</p>
<p>Motor loses one or more speeds</p>	<p>Check for loose connections. Check for battery charge status, and charge battery to fullest or replace battery.</p>

Warranty & Specifications

IMPORTANT NOTICE

We, the manufacturer, reserve the right to change the product and/or specifications in this manual without notification. The manual is for information usage only and the pictures and drawings depicted herein are for reference only.

Warranty Repair and Service

Do not return this product to the store for warranty issues or repair. Call our customer service department at **720-287-5182**, **1-877-487-8275**, or visit www.trophystrike.com for the location of the nearest service center.

Record the information below for future reference.

Model No. _____

Serial No. _____

Date of Purchase _____

Place of Purchase _____

Register warranty online within 30 days of purchase!

trophystrike.com/warranty

SKU/Part No.	108487	108488
GTIN/UPC	00819157020737	00819157020744
Description	36 lbs. Thrust	46 Lbs. Thrust
Power	354 Watts	492 Watts
Battery Required	12V DC	12V DC
Speeds	5 Forward/3 reverse	5 Forward/3 reverse
Control	Tiller Twist Handle	Tiller Twist Handle
Mount	Level Lock	Level Lock
Motor Bracket	10 Positions Adjustable Tilt	10 Positions Adjustable Tilt
Propeller	All aluminum head with marine paint	All aluminum head with marine paint
Shaft	Anti-corrosive composite	Anti-corrosive composite
Weight	16.1 Lbs	17.6 Lbs
Shipping Weight	21.2 Lbs	22.5
Warranty	2 Year Limited Warranty	2 Year Limited Warranty

SKU/Part No.	108489	108490
GTIN/UPC	00819157020751	00819157020768
Description	55 lbs. Thrust	60 Lbs. Thrust
Power	636 Watts	684 Watts
Battery Required	12V DC	12V DC
Speeds	5 Forward/3 reverse	5 Forward/3 reverse
Control	Tiller Twist Handle	Tiller Twist Handle
Mount	Level Lock	Level Lock
Motor Bracket	10 Positions Adjustable Tilt	10 Positions Adjustable Tilt
Propeller	All aluminum head with marine paint	All aluminum head with marine paint
Shaft	Anti-corrosive composite	Anti-corrosive composite
Weight	20.4 Lbs	21.4 Lbs
Shipping Weight	25.6 Lbs	26.5 Lbs
Warranty	2 Year Limited Warranty	2 Year Limited Warranty



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