



## Fishmaster Navigation Light Installation Instructions and Owners Manual

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THANK YOU FOR YOUR BUSINESS. IF YOU ARE NOT COMPLETELY SATISFIED IN ANY WAY WITH YOUR NEW LIGHT, PLEASE CONTACT US. Our entire purpose as a company is to offer great products at affordable prices that our customers love.

Please take a few minutes to read the installation instructions and become familiar with the wiring and installation before beginning to ensure a high quality, trouble free installation and use. If you have any questions during your installation give us a call at 877-777-8693 or e-mail Support@Fishmaster.com

### NOTES ON INSTALLING AND USING YOUR NEW TOWER NAVIGATION LIGHT

- **TOOLS:** Drill, 5/32 inch drill bit, screw driver, vacuum cleaner, 18 Ga wire, wire connector
- Tower lights may reach a high temperature when operating. Do not touch or wash the lights for 10 minutes after use.
- Only use 9-watt Wedge Base light bulb for replacement.
- Use only 18 Ga or larger wire for additional wiring and read the light instructions included.
- If you have questions wiring the light, please contact a marine wiring specialist that can look at your specific application.

#### Monster Tower Navigation Lights Parts List

Item	Qty	Description
1	1	Navigation Light
2	1	Light Base
3	3	Self Tapping Screws 1-1/4" long (1 screw is extra)

## Mounting the light to the T-Top

Put the Light base onto the bottom of the Navigation light. This will allow it to mount to the curved surface of the tower.



Place your light on the T-Top where you would like it located. In the above photo, it is slight off center on the back of the top. Once it is located where you want, mark the hole locations for drilling. (See following page for wiring instructions)

Using the 5/32-inch drill bit, drill the two screw holes for the mounting process. We recommend having somebody hold the vacuum hose under the hole to remove metal shavings as you drill so they do not get in the carpet of your boat.

Once the holes are drilled, place the navigation light assembly in position and attach to the tower using the included self-tapping screws. We recommend doing this process by hand, as the screws may break off if done with a drill and are very hard to remove if they break.

To wire the light, you will need enough 18 gauge wire to run from the Navigation light switch to the wire coming out of the light, which you will need to splice together using some form of inline connector, and then use heat shrink tubing or electrical tape to cover the splice.

If you would like to run the wire through the tower you may do so by drilling a hole where the wire needs to go into the tower behind the base. Use the smallest hole you can that the wire will comfortably fit through. Additional tower wiring instructions are on the following page.

The light is designed to fold down when not in use by pulling the locking lever on the side and swiveling the light out of the way.

## Running Wires Through The Tower

The following is specific to running wires on a Fishmaster T-Top, otherwise consult your T-Top installation manual or provider for instructions on running wire inside your tower.

When you add lights or accessories to your Fishmaster, you can hide the wires inside of the tubing in the top section and the legs. You will need to go around the mating / folding joints as they are solid. Since the mating parts insert 1/2" inside each end of the rear leg you can drill 1" away from the weld lines. Make sure to leave enough wire to allow for folding if you will be doing so. We recommend only running wires through the front legs, since when the tower is folded down the back legs separate from each other.

The hole size will depend on what size wire you are running and how many items you need to wire. The maximum hole size we recommend is 1/2" but normally smaller is all that is needed.

We recommend covering the exposed wiring with 3/8" or 1/2" wiring loom and electrical tape for a professional, watertight appearance.

### Fishmaster, Inc. Warranty

Fishmaster warrants this product (not including the lights and other 3<sup>rd</sup> party accessories) against manufacturers defects for a period of five (5) years. Anodized surfaces are specifically excluded, as their care and use cannot be controlled by the manufacturer. Any modifications or improper use, not approved in writing by Fishmaster, shall void this warranty. Fishmaster is not responsible for personal injury or damage to the boat caused by the use of this product. Fishmaster's obligation under this warranty shall not include any transportation charges or costs of installation or any liability for direct, indirect or consequential damages resulting from delay or improper installation. Your time would be better spent fishing than reading warranty details. If you need to make a warranty claim contact Fishmaster at 877-777-8693 to receive a return authorization, number which is required for all claims. Defects must be reported within 30 days of discovery.



# All-Round Light

5120 Series Frosted Globe & 5350 Series Anti-Glare Fold-Down and Fixed Base Lights

## Installation Instructions

### SAVE THESE INSTRUCTIONS

Form Number 69413 Rev. B

04-12

Lights meet USCG CFR 183.810, ABYC A-16 requirements, and all applicable standards as tested by Immana Labs, 12/20/02 (Series 5100) and 7/19/02 (Series 5300). 2 Nautical Mile visibility. Use Lamp 9235, #906 13V, 6 Candle Power.

### CAUTION

Read all instructions carefully before installing and using this product. All positive (+12V DC) lighting wires require a 1-amp fuse to protect circuits and vessel. The aluminum light pole is not grounded. MAKE SURE POWER SOURCE IS 12-VOLT DC ONLY. HIGHER VOLTAGE WILL DAMAGE LIGHT AND CIRCUITRY.

### WARNING

To prevent injury, disconnect power when installing or servicing this product. Remove boat from water before using 120V power tools.

### REQUIRED FOR INSTALLATION

- Cordless drill; 1/8" and 3/8" (3 and 10mm) bits
- Marine-grade non-silicone sealant
- Phillips screwdriver
- Two #10 pan head stainless steel screws
- 3-position switch (OFF/ON/ON)
- Fuse holder and fuse: 1-amp
- 16-gauge wire
- Appropriate marine-grade wire connectors

### MOUNTING LOCATION

**Frosted Globe All-Round Lights** are designed for boats up to 39.4 feet (12m). Position the All-Round Light so its bulb is not less than one meter (39.4") above sidelights (Figure 1). If replacing an existing pole light, replace with a pole at least as long as the existing pole.

**Anti-Glare All-Round Lights** are designed for boats up to 39.4 feet (12m). It provides 360 degree controlled light output and 2-mile visibility while shielding the driver from on-board glare (Figure 1). Position the All-Round Light so its bulb is not less than one meter (39.4") above sidelights. If replacing an existing pole light, replace with a pole at least as long as the existing pole.

Mount the anti-glare light in a position so that:

- Light output is flat and parallel to water when boat is floating.
- Light shines 360°, unobstructed.
- Light does not shine on operator, or reflect off any part of the boat in the operator's field of vision.

Figure 1



### INSTALLATION INSTRUCTIONS

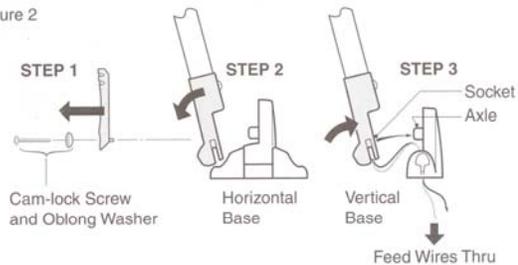
Bases are available for mounting on vertical or horizontal surfaces. Release the cam-lock adjustment handle to fold light or adjust to vertical position.

#### Change Base Type (If Required) on Fold-Down Base

Packaged versions of the light are shipped with the horizontal base installed. To switch to the vertical base:

1. Carefully remove the cam-lock screw and oblong washer. Set aside for reinstallation (Figure 2).
2. Pivot the base axle out of its socket. Note position of the 2 wires in the base slot. Remove the horizontal base.
3. Insert wires through slot of the vertical base. Reassemble in reverse order.

Figure 2



#### Mark Position for Fixed Base Light, (Figure 3)

1. Place light in selected position.
2. Using the base as a template, mark the two mounting hole locations and one wire access hole. Proceed to "Install Light" below.

Figure 3



#### Mark Position for Fold-Down Light

1. Release cam-lock adjustment handle and adjust light to vertical position. (Figure 4)
2. Place light in selected position.
3. Use optional adaptors, if necessary, to allow installation on angled windshields.
4. Using the base as a template, mark the two mounting hole locations and one wire access hole. (Figure 5) Proceed to "Install Light" below.

Figure 4

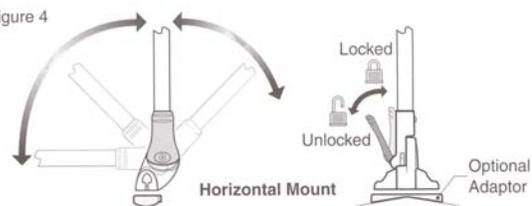
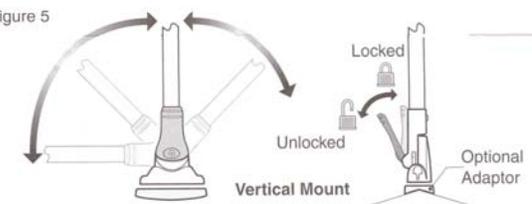


Figure 5



### Install Light

#### CAUTION

Position wire access hole carefully, especially on aluminum boats, so that wires do not contact the hull.

1. Remove light from marked position. Drill two 1/8" (3mm) pilot holes for #10 screws. Drill one 3/8" (10mm) wire access hole.
2. Bring the two 16-gauge wires up through access hole.
3. Use marine-grade waterproof crimp connectors to connect gray wire to positive lead from 3-position switch. Connect (-) negative source to black wire and route to (-) negative terminal on battery.
4. Fasten light to deck with two #10 stainless steel pan head screws. DO NOT OVERTIGHTEN.

### Replacing Bulb

1. Unscrew lens counter-clockwise and remove. Pull bulb straight up.
2. Replace with #906 9-Watt Wedge Base Replacement Bulb (Attwood 9235-7) available in marine, auto, and convenience stores.
3. Screw lens clockwise onto pole.
4. If lens requires replacement, order Attwood #91017B for Frosted Globe Lights and #912852 for Anti-Glare Lights (Figure 6).

Clean the light with a mild soap and warm water solution. Never use solvents or abrasives that may damage the lens or housing of the light.

Figure 6

