



# PANORAMIC MIRROR INSTRUCTIONS

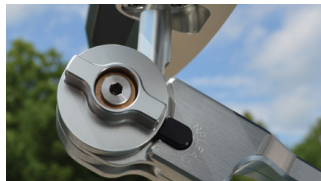
## ⚠ CAUTION

Lock all knobs prior to use. Failure to do so may result in damage to the mirror, windshield, and/or occupants.

## CAUTION

Do not use ammonia to clean the mirror. Use of ammonia may damage the mounting bracket. Such damage is not covered under warranty.

## LOCK KNOB POSITIONS



Locked Position



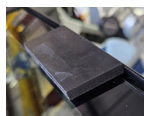
Unlocked Position

## INSTALLATION

### Tools Needed

- Safety glasses
- 5/32" Allen wrench
- 1/8" Allen wrench

### Parts



- Additional padding (PN = 553900C9)



- 18-8 Jam Set Screw 5/16 x 3/8" (Pre-installed in the mirror)



- Additional spacer



- 18-8 Set Screw 5/16 x 1" (Pre-installed in the mirror)

- Mirror with mounting bracket

## Preparation

Prior to installation, ensure that the mirror clamp/isolator piece (pictured below) is oriented correctly for the windshield on the boat. The isolator has different profiles to suit the different windshield frames offered. Removing and reversing the clamp/isolator may be required. Additionally, if the boat has an open-frame windshield, you must also adhere extra padding to the windshield glass (see Fig. B and Fig. C below).

To remove the clamp/isolator and reverse it, follow these steps:

1. Use the 1/8" Allen wrench to remove the set screws on the isolator pivot.
2. Press/slide the pin out, remove the isolator and flip it around.
3. Assemble in reverse order; do not over-tighten the set screws.

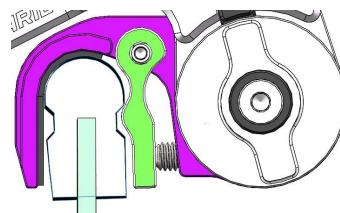


Fig. A: Profile of closed-frame windshield (Taylor Made); standard isolator (green)

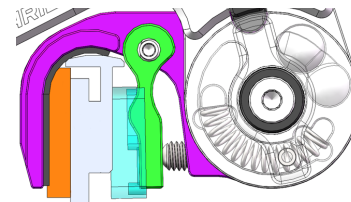


Fig. B: Profile of T open-frame windshield; standard isolator (green), plastic spacer (teal), and padding (orange) on the glass required

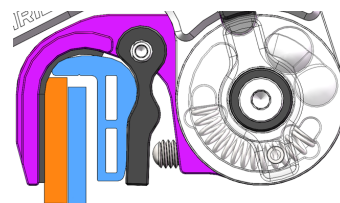


Fig. C: Profile of P open-frame windshield; reversed isolator (black), and padding (orange) on the glass required

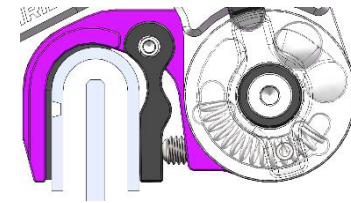


Fig. D: Profile of closed-frame windshield (PCMW); reversed isolator (black)

## Installation Process

1. Remove the pre-installed jam set screw from the threaded hole on the underside of the mirror clamp. Set it aside. Back the 1" set screw far enough out that it will not protrude against the isolator.
2. Determine where on the windshield you wish to mount the mirror. MasterCraft recommends mounting it just forward of the driver. Note: If mounting the mirror close to the walk-through door, ensure the door clears it.
- 2a. Adhere padding (if required per windshield type) to the cleaned glass windshield. Ensure that the padding is flat on the glass and up against the bottom lip of the frame (refer to picture in "Parts" section).
3. Open and lock the mirror in the deployed position.
4. Hold the mirror's windshield clamp over the top of the frame. The isolator should contact the underside of the windshield frame (or additional spacer). The billet/padded portion of the clamp should rest on top of the frame (if installing on a closed-frame windshield) or on the additional padding (if installing on an open-frame windshield).
5. Using the 5/32" Allen wrench, tighten the 1" set screw into the threaded hole on the underside of the mirror clamp. Tighten the screw fully in order to fix the clamp firmly to the windshield frame. The mirror should now support itself.
6. Use the 5/32" Allen wrench to tighten the 3/8" jam set screw up against the larger set screw. Tighten the jam set screw fully. When you are finished, verify that the mirror assembly firmly fits the windshield.



## OPERATION

The billet panoramic mirror can be used in the up/deployed position or the down/stowed position.

**Note:** The plastic mirror cannot be used when stowed.



Up/Deployed Position



Down/Stowed Position

## Raising or Lowering the Mirror

1. If using a billet mirror, firmly grasp the mirror housing to prevent it from falling.
2. Press the black RELEASE button on the knob near the windshield frame. If necessary, twist the knob counterclockwise to let the pivot point move freely.
3. Keeping a firm grip on the mirror housing, press the black RELEASE button on the pivot point closest to the mirror itself. If necessary, turn the knob counterclockwise to let the pivot point move freely. **Note:** This step only applies to the billet mirror option. If using the plastic version, skip this step.
4. With the lock(s) open, pivot the mirror to the desired position. **Note:** The mirror will only lock into place when fully deployed or stowed. The steering wheel may need to be tilted for stowing.
5. Once the mirror is in the desired position, turn the knob(s) clockwise until you hear an audible click. This is the sound of the black RELEASE button popping back out. Ensure the mirror is secure before operating the boat.

## CAUTION

If you do not maintain a firm grasp of the mirror when it is unlocked, it may impact the windshield. This can cause damage to the mirror and/or windshield. Always grasp the mirror firmly when locking or unlocking it.

## Adjusting the Viewing Angle

Adjusting the angle of the mirror is similar to adjusting a car's rearview mirror. However, you will need to apply a much greater amount of force when adjusting it. For this reason, you should always lock the mirror prior to making adjustments, regardless of whether the mirror is stowed or deployed.

The tension required to adjust the position of the mirror is preset during assembly. Environmental factors may necessitate that the tension be adjusted. Extra tension, for example, will help counteract the force of the waves on the hull. You may alter the tension within the mirror housing to make the mirror easier or harder to adjust. If the mirror is excessively difficult or easy to move, contact your authorized MasterCraft dealer and have the tension adjusted.



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