



Jetboat Steering System Bezel Mounting Kit

Part # SB39452

**NOTICE!**

Installer: These instructions contain important safety information and must be forwarded to the boat owner.

These instructions show you how to install a bezel mount kit for a jetboat steering system. This steering system is for use with small jet propelled boats using 2 cycle engines.

**NOTICE!**

This steering system is not for use with large jet pumps using automotive V8 engines.

A complete system consists of the following components:

- Bezel mounting kit SB39452
- Helm assembly SH5087 — 135° steering wheel turn, or,
- Helm assembly SH5088 — 270° steering wheel turn
- Cable assembly SSC219xx (xx denotes length in feet)
- Steering wheel, consult Dometic catalog
- Engine connection kit, see Dometic catalog

**WARNING!**

Before starting installation read these instructions and engine makers instructions thoroughly. Failure to follow either of these instructions or incorrect assembly can result in loss of control and cause property damage and/or personal injury.

Do not substitute parts from other manufacturers. They may cause a safety hazard for which Dometic cannot accept responsibility.

To avoid excessive steering loads and to get the best steering performance, the water jet nozzle and the reverse gate must be adjusted as instructed in the motor manufacturer's operation manual. Failure to do so can affect the performance of the boat and its safe operation.

**NOTICE!**

Helms and cable assemblies are supplied lubricated ready for installation, do not add any lubricant to either assembly. Use of other lubricants can cause damage to the steering cable, resulting in the cable seizing or premature wear.

**WARNING!**

Helms must not be disassembled for any reason. Removal and replacement of any hardware may lead to total failure of the system which could cause personal injury and or property damage.



Cable routing



Before beginning installation, the steering cable routing must be selected. When routing the steering cable select a path with the minimum number of bends making the bends as large a radius as possible.

NOTICE!

Do not make bends of less than 8" radius

Sharp or frequent bends will result in hard steering and premature cable wear. When it is necessary to pass through a bulkhead, a 3/4" dia. hole is required. Cable should be supported at regular intervals. Route the new cable as close as possible along the same path as the removed cable. Sharp or frequent bends will result in hard steering and premature cable wear. The cable should be clamped or tied for support at regular intervals.

**CAUTION!**

Cables must not be bundles together with electrical wiring. Cables must not rest on sharp edges which can cause chafing.

Helm mounting bracket installation

The helm may be installed for either port, starboard, vertical, or in-line cable entry. This is determined by the type of engine in use and the construction of the boat. Figure 1 and the template show a reference point to assist in positioning the mounting bracket. Study this carefully before drilling any holes. Dimensions shown on the template must be maintained to ensure proper clearances.

Locate the position for the steering wheel on the console or dashboard. (See figure 1.) Using the template oriented as determined by figure 1, mark location of holes. Drill three holes 6.60 mm (5/16") diameter and one hole 69.85 mm (2-3/4") diameter. Place mounting bracket (item 1) in position on dash and fasten securely in place using washers (item 5), hex. bolts (item 3) and locknuts (item 4).

**CAUTION!**

Bolts (item 3) must be installed with the head of the bolt behind the dashboard as shown in figure 2, to prevent interference with the arm of the helm.

Do not install the bezel at this time, proceed to install the helm unit following the instructions packed with that unit.



Helm mounting options

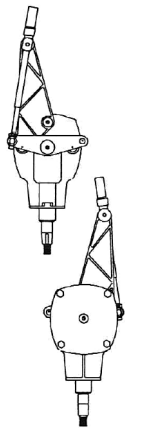
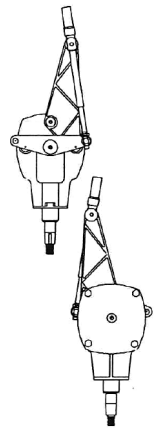
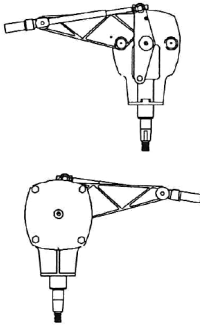
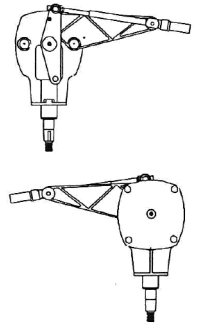
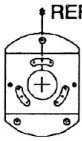
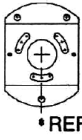
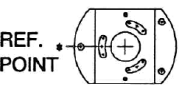
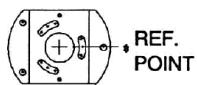
There are four basic cable-to-helm mounting options (shown at right): (Both sides shown)	 OPTION 1	 OPTION 2	 OPTION 3	 OPTION 4
There are four basic helm mounting bracket-to-dash options (shown below):	Output when using the above cable mounting options with the following helm mounting bracket location options:			
	Cable exits helm straight back. Starboard turn pushes cable (Mercury Sport Jet)	Cable exits helm straight back. Starboard turn pulls cable (OMC Turbo Jet)	Cable exits helm to port side. Starboard turn pulls cable (OMC Turbo Jet)	Cable exits helm to starboard side. Starboard turn pushes cable (Mercury Sport Jet)
	Cable exits helm straight back. Starboard turn pushes cable (Mercury Sport Jet)	Cable exits helm straight back. Starboard turn pulls cable (OMC Turbo Jet)	Cable exits helm to starboard side. Starboard turn pulls cable (OMC Turbo Jet)	Cable exits helm to port side. Starboard turn pushes cable (Mercury Sport Jet)
	Cable exits helm straight back. Starboard turn pushes cable (Mercury Sport Jet)	Cable exits helm straight back. Starboard turn pulls cable (OMC Turbo Jet)	Cable exits helm straight down. Starboard turn pulls cable (OMC Turbo Jet)	Cable exits helm straight up. Starboard turn pushes cable (Mercury Sport Jet)
	Cable exits helm straight back. Starboard turn pushes cable (Mercury Sport Jet)	Cable exits helm straight back. Starboard turn pulls cable (OMC Turbo Jet)	Cable exits helm straight up. Starboard turn pulls cable (OMC Turbo Jet)	Cable exits helm straight down. Starboard turn pushes cable (Mercury Sport Jet)

Figure 1.



NOTE

In addition to the above mounting bracket options, slotted mounting brackets allow 20° of helm rotation in both directions.



Item No.	Description	Qty.
1	Mounting Bracket	1
2	Bezel	1
3	1/4" Hex. Head Bolt	3
4	1/4" Locknut	3
5	1/4" Flat Washer	3
6	Self Tapping Screw	2
7	1/2" Flat Washer	1
8	1/2" Hex. Nut	1
9	Woodruff Key	1

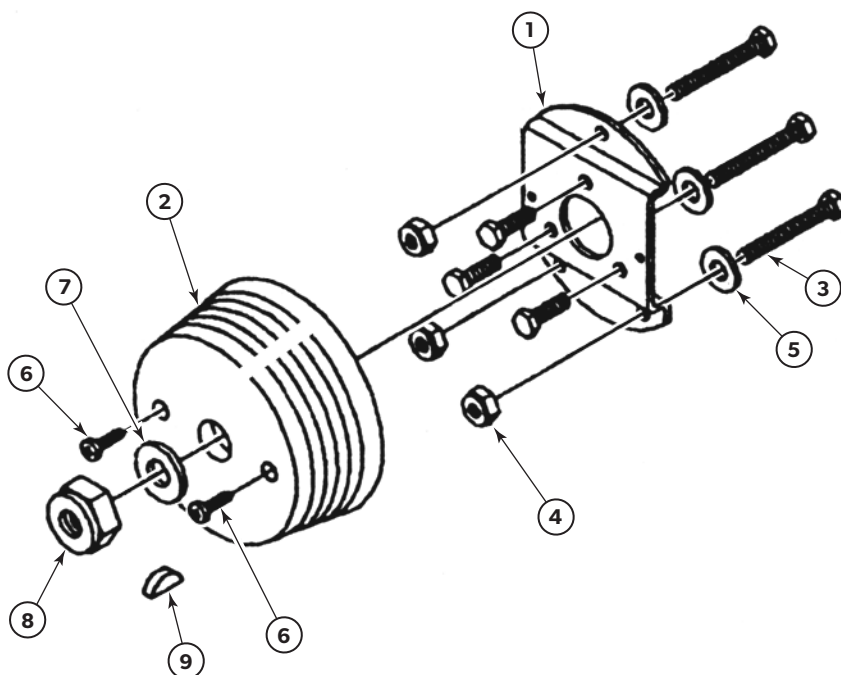


Figure 2.