

# BayStar Outboard Steering Application Guide

(BayStar Compact Cylinders HC4645H/47H/48H/58H)

**BAYSTAR™**

OUTBOARD-FRONT MOUNT

MFG	YEAR	MODEL	CYLINDER	NOTES
<b>HONDA</b>	1992-DATE 1996-DATE 2015-DATE 1998-2010 2003-DATE 2010-DATE	30-50HP 75-90HP BF100 115-130HP 135-150HP 115HP	HC4645H HC4645H HC4645H HC4647H HC4645H HC4645H	
<b>JOHNSON/ EVINRUDE</b>	1977-1990 1991-DATE 1997-DATE 1997-DATE 1998-DATE	65-150 HP 40-150 HP 115 HP FICHT 75-150 HP FICHT 40-140 HP 4-Stroke	HC4648H HC4645H HC4658H HC4645H HC4658H	See Note 4 See Note 5 See Note 1, 4
<b>NOTICE</b> Johnson 115 HP 2-stroke engines, required the pivot plate to be flipped. See note #4 below				
<b>MERCURY/ MARINER</b>	1984-DATE 1998-DATE	75-150 HP 40-60 HP	HC4645H HC4648H	See Note 5 See Note 1
<b>NISSAN</b>	1990-DATE	120-140 HP	HC4645H	
<b>SUZUKI</b>	1986-DATE 1996 ONLY 1987-2002 1990-2000 1998-DATE 2001-DATE	150 HP 115-140 HP 115-140 HP 90-100 HP 40-70 4-Stroke 115-140 HP 4-Stroke	HC4645H N/A HC4645H HC4645H HC4645H HC4658H	See Note 5 See Note 1 See Note 1 See Note 1, 4
<b>TOHATSU</b>	1990-DATE 2014-DATE	40-140 HP BFT60 - BFT150	HC4645H HC4645H	
<b>YAMAHA</b>	1998-DATE 1998-DATE 1986-DATE 1997-DATE 2000-DATE 2011-2013 2014-DATE	40-50 HP 60 HP 70-90 HP 80-150 HP 4-Stroke 25-70 HP 4-Stroke F115A F115B	HC4645H HC4645H HC4645H HC4645H HC4648H HC4658H HC4545H	See Note 2 See Note 3 See Note 1 See Note 5 See Note 1

1. Requires Spacer kit part # HC6090

2. Engine clamp brackets must be cut or ground, and the engine through bolted onto the transom, or interference will occur, restricting engine trim and tilt.

3. Steering hook Yamaha Part # 63D-48511-00-4D must be installed

4. Cylinder HC4645H may be used in these applications. The pivot plate will need to be flipped before installation. Instructions provided with Owner's Manual.

5. High performance 150HP engines should use SeaStar.

REVISION DATE: SEPT. 22nd 2016

## NOTICE

*HC4645H compact cylinder is included in the BayStar Steering kits. If your engine requires the use of a cylinder other than HC4645H or HC4658H then please refer to the figure below for additional replacement pivot plate.*



**HA4640**

Comes with cylinder HC4645H



**HA4641**

Converts HC4645H to HC4647H



**HA4642**

Converts HC4645H to HC4648H



**HA4643**

Converts HC4645H to HC4658H