UNBRACED UNIVERSAL BOLT SET
INSTRUCTIONS

This is a universal bolt set for installing a side mount adapter plate, without a brace, to a jack plate or Motor to Side (M to S) bracket.

Hardware (shown actual size):
A. (2) 1/2” x 3 1/4” Bolts
B. (2) 1/2” x 2 1/2” Bolts
C. (1) 1/2” x 2” Bolt
D. (3) 1/2” Heavy Flat Washers
E. (2) 1/2” Thin Washers
F. (2) 1/2” Nylon Lock Nuts

Installation Tools:
• 3/4” Socket & Wrench
• Torque Wrench

Hardware missing? Need help? Contact our Technical Support Team at 1 + 813.689.9932 Option 2
T-H Marine Atlas Jack Plate 4” & 6”

INSTALLATION

STEP 1 Locate the two pre-drilled 1/2” holes on the outside of the jack plate underneath the factory Atlas sticker. Fig.1 Skip steps 2 and 3 if pre-drilled holes were found.

NOTE: Mount adapter plate with a minimum of 1/2” outer edge clearance between the adapter plate and boat. Fig.2

STEP 2 If there are no pre-drilled holes then refer to the appropriate Atlas Drill Measurement Guide at the back of this booklet. Check on the inside of the jack plate where the hole is to be drilled for any obstructions and clearance issues of hardware to be installed.

STEP 3 Drill a 1/2” hole into each of the determined hole locations.

STEP 4 Install the bolts and hardware as illustrated in Fig. 2 for adapter plate installation.

NOTE: The side mount adapter plate has slotted holes for height adjustment.

STEP 5 Finish by tightening to 960 inch pounds / 80 foot pounds of torque.

STEP 6 Mount the Power-Pole anchor to the adapter plate by following the mounting instructions in the adapter plate hardware kit.

Hardware missing? Need help? Contact our Technical Support Team at 1 + 813.689.9932 Option 2
T-H Marine Atlas Jack Plate 8”, 10”, & 12”

INSTALLATION

STEP 1 Determine if mounting to the spacer or jack plate depending on clearance requirement.  
NOTE: Mount adapter plate with a minimum of 1/2” outer edge clearance between the adapter plate and boat. Fig. 2

STEP 2 Locate the two pre-drilled 1/2” holes on the outside of jack plate or spacer underneath the factory Atlas sticker. Fig. 1 skip steps 3 and 4 if pre-drilled holes were found.

STEP 3 If there are no pre-drilled holes then refer to the appropriate Atlas Drill Measurement Guide at the back of this booklet. Check on the inside of the jack plate where the hole is to be drilled for any obstructions and clearance issues of hardware to be installed.

STEP 4 Drill a 1/2” hole into each of the determined hole locations.

STEP 5 Install the bolts and hardware as illustrated in Fig. 2 for adapter plate installation.  
NOTE: The side mount adapter plate has slotted holes for height adjustment.

STEP 6 Finish by tightening to 960 inch pounds / 80 foot pounds of torque.

STEP 7 Mount the Power-Pole anchor to the adapter plate by following the mounting instructions in the adapter plate hardware kit.
R & R SlideMaster Jack Plate

INSTALLATION

CAUTION: For dual installation, completely install each adapter plate one side at a time.

STEP 1 Properly support your outboard motor according to the guidelines in your outboard engine’s owner manual.

NOTE: Mount adapter plate with a minimum of 1/2” outer edge clearance between the adapter plate and boat. Fig. 2

STEP 2 Remove the outside plate and bolts on your SlideMaster manual jack plate. Fig 1

STEP 3 Install the bolts and hardware as illustrated in Fig. 2 for adapter plate installation.

NOTE: The side mount adapter plate has slotted holes for height adjustment.

STEP 4 Finish by tightening to 960 inch pounds / 80 foot pounds of torque.

STEP 5 Mount the Power-Pole anchor to the adapter plate by following the mounting instructions in the adapter plate hardware kit.

Example: Starboard side

Figure 2
Bob’s Machine Shop (BMS) Jack Plate – All Sizes

INSTALLATION

IMPORTANT: Some BMS plates may require additional spacer. To order, call JL Marine Systems, Inc. at 813-689-9932 Opt. 2.

STEP 1 Locate the two pre-drilled 1/2” holes underneath the decal stickers. Fig. 1 skip steps 2 and 3 if pre-drilled holes were found.

NOTE: Mount adapter plate with a minimum of 1/2” clearance between the adapter plate and boat. Fig. 2

STEP 2 If you are unable to locate the pre-drilled holes please use the Drill Measurement Guide for BMS at the back of this booklet. Check on the inside of the jack plate where the hole is to be drilled for any obstruction and for clearance issues of hardware to be installed.

STEP 3 Drill a 1/2” hole into each of the determined hole locations.

STEP 4 Install the bolts and hardware as illustrated in Fig. 2 Section 2.1 with spacer or Fig. 2 Section 2.2 without spacer adapter plate installation.

NOTE: The side mount adapter plate has slotted holes for height adjustment.

STEP 5 Finish by tightening to 960 inch pounds / 80 foot pounds of torque.

STEP 6 Mount the Power-Pole anchor to the adapter plate by following the mounting instructions in the adapter plate hardware kit.

Hardware missing? Need help? Contact our Technical Support Team at 1 + 813.689.9932 Option 2
INSTALLATION

CAUTION: For dual installation, completely install each adapter plate one side at a time.

STEP 1 Properly support your outboard motor according to the guidelines in your outboard engine’s owner manual.

NOTE: Mount adapter plate with a minimum of 1/2” outer edge clearance between the adapter plate and boat. Fig. 2

STEP 2 Remove the lock nuts on the inside of the jack plate prior to removing bolts.

STEP 3 Remove the two or three bolts on the outside of the Z-Lock jack plate where the side mount adapter plate will be mounted. Fig. 1

NOTE: The Z-Lock has two bolts in the top mounting slot. Both bolts need to be installed through our adapter plate.

STEP 4 Install the bolts and hardware as illustrated in Fig. 2 for adapter plate installation.

NOTE: The side mount adapter plate has slotted holes for height adjustment.

STEP 5 Finish by tightening to 960 inch pounds / 80 foot pounds of torque.

STEP 6 Mount the Power-Pole anchor to the adapter plate by following the mounting instructions in the adapter plate hardware kit.

Hardware missing? Need help? Contact our Technical Support Team at 1 + 813.689.9932 Option 2
T-H Marine Pro Hi-Jacker™ Manual HP

INSTALLATION

CAUTION: For dual installation, completely install each adapter plate one side at a time.

STEP 1 Properly support your outboard motor according to the guidelines in your outboard engine’s owner manual.

NOTE: Mount adapter plate with a minimum of 1/2” outer edge clearance between the adapter plate and boat. Fig. 2

STEP 2 Remove the middle and bottom bolts on the outside of the jack plate where the side mount adapter plate will be mounted Fig. 1

STEP 3 Install the bolts and hardware as illustrated in Fig. 2 for adapter plate installation.

NOTE: The side mount adapter plate has slotted holes for height adjustment.

STEP 4 Finish by tightening to 960 inch pounds / 80 foot pounds of torque.

STEP 5 Mount the Power-Pole anchor to the adapter plate by following the mounting instructions in the adapter plate hardware kit.

Hardware missing? Need help? Contact our Technical Support Team at 1 + 813.689.9932 Option 2
SeaStar 6” (3rd Generation)

**INSTALLATION**

**IMPORTANT:** Accessory Adapter Kit is required to mount a side mount adapter plate to a SeaStar 6” jack plate. To order, call JL Marine Systems, Inc. at 813-689-9932 Opt. 2.

**STEP 1** Locate the two pre-drilled 1/2” holes on the outside of the jack plate. **Fig. 1**

**NOTE:** Mount adapter plate with a minimum of 1/2” outer edge clearance between the adapter plate and boat. **Fig. 2**

**STEP 2** Install the bolts and hardware as illustrated in **Fig. 2** for adapter plate installation.

**NOTE:** The side mount adapter plate has slotted holes for height adjustment.

**STEP 3** Finish by tightening to 960 inch pounds / 80 foot pounds of torque.

**STEP 4** Mount the Power-Pole anchor to the adapter plate by following the mounting instructions in the adapter plate hardware kit.

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Hardware missing? Need help? Contact our Technical Support Team at 1 + 813.689.9932 Option 2
**SeaStar 8”, 10”, & 12” (3rd Generation)**

**INSTALLATION**

**IMPORTANT:** 10” models may require additional SeaStar spacer kit. To order, call JL Marine Systems, Inc. at 813-689-9932 Opt. 2.

**STEP 1** Determine if mounting to the spacer or jack plate depending on clearance requirement.

**STEP 2** Locate the two pre-drilled 1/2” holes on the outside of the jack plate or spacer.  
**Fig. 1**

**NOTE:** Mount adapter plate with a minimum of 1/2” outer edge clearance between the adapter plate and boat. **Fig. 2**

**STEP 3** Install the bolts and hardware as illustrated in **Fig. 2** for adapter plate installation.

**NOTE:** The side mount adapter plate has slotted holes for height adjustment.

**STEP 4** Finish by tightening to 960 inch pounds / 80 foot pounds of torque.

**STEP 5** Mount the Power-Pole anchor to the adapter plate by following the mounting instructions in the adapter plate hardware kit.
**Motor to Side (M to S) Mount (Bracket or Plate)**

**NOTE:** When not using a jack plate, an M to S adapter is required for all side mount adapter plates. To order, call JL Marine Systems, Inc. at 813-689-9932 Opt. 2.

**INSTALLATION**

**STEP 1** Follow the M to S adapter mounting instruction.

**STEP 2** Install the bolts and hardware as illustrated in Fig. 1 Section 1.1 for M to S plate (Item Code **PK-MtoS-bkt**) or Fig. 1 Section 1.2 for M to S plate (Item Code **PK-MtoS-plt**) for side mount adapter plate installation.

**NOTE:** The side mount adapter plate has slotted holes for height adjustment.

**STEP 3** Finish by tightening to 960 inch pounds / 80 foot pounds of torque.

**STEP 4** Mount the Power-Pole anchor to the adapter plate by following the mounting instructions in the adapter plate hardware kit.

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Figure 1

Example: Port Side M to S Bracket

Example: Starboard Side M to S Plate

Section 1.1

Section 1.2

- **D** - Top & Bottom
- **E** - Top & Bottom
- **F** - Top & Bottom
- **C** - Top
- **B** - Bottom

**NOTE:** Bolts go on inside – out.

Minimum of 1/2" clearance port or starboard

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Drill Measurement Guide (Bob’s Machine Shop)

Bob’s Machine Shop side drilling measurement guide

NOT ACTUAL SIZE. FOR MEASUREMENT PURPOSES ONLY.

PORT

1.5”

.5”

1.38”

.5”

6.5”

STARBOARD

Drill for 4” jack plate only

1.5”

.5”

1.38”

.5”

6.5”

Drill for 4” jack plate only

Hardware missing? Need help? Contact our Technical Support Team at 1 + 813.689.9932 Option 2
Drill Measurement Guide (Atlas Jack Plate)

Atlas jack plate drilling measurement guide
NOT ACTUAL SIZE. FOR MEASUREMENT PURPOSES ONLY.

PORT

1.5”
Ø .55”

1”

1.5”

7.5”

STARBOARD

ø .55”

1”

ø .55”

1.5”

7.5”

Hardware missing? Need help? Contact our Technical Support Team at 1 + 813.689.9932 Option 2
Drill Measurement Guide (Atlas Spacer Plate)

Atlas spacer plate measurement guide
NOT ACTUAL SIZE. FOR MEASUREMENT PURPOSES ONLY.

For a 6 inch spacer  L = 3"
For a 4 inch spacer  L = 2"

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CAUTION:
Do not use the Power-Pole shallow water anchor as your primary anchorage.
Never leave your boat unattended while anchored solely with the Power-Pole shallow water anchor.
US Pat No. 6,041,730

Need help? Contact our Technical Support Team at
1 + 813.689.9932 Option 2

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