

## RAILFAST™ HARDWARE

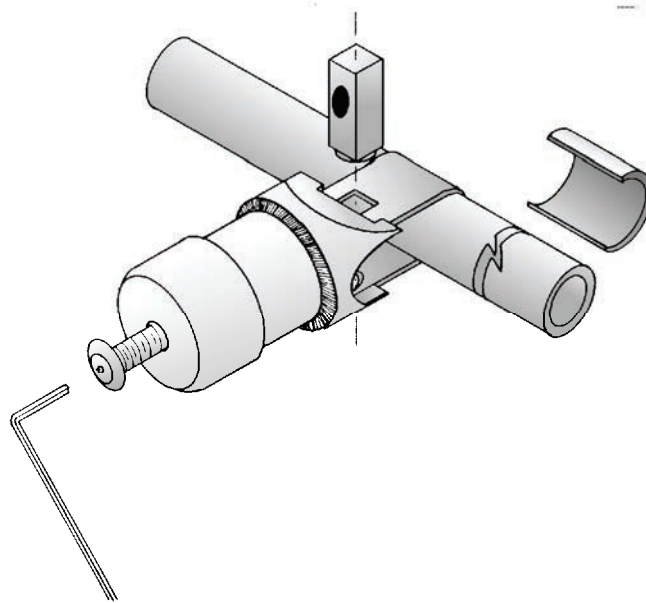
### DID YOU KNOW...

FORESPAR® MAKES A COMPLETE LINE OF RAIL-MOUNTED HARDWARE?

- ◆ LIFE RING HOLDERS
- ◆ HORSESHOE BUOY HOLDERS
- ◆ CREW OVERBOARD POLE MOUNTS
- ◆ ANTENNA MOUNTS WITH OR WITHOUT HANDLE ADJUSTMENT
- ◆ UTILITY MOUNTING BOSS FOR CUSTOM BRACKETS
- ◆ FLANGE BASE FOR CUSTOM MOUNTS
- ◆ FLAG POLE SOCKETS WITH OR WITHOUT FLAG POLES

ALL UNITS ARE MADE WITH COMPOSITE BASES AND STAINLESS STEEL HARDWARE FOR EXCEPTIONAL STRENGTH AND LONGEVITY.

RAILFAST COMPONENTS OFFER THE CLEANEST AND STRONGEST RAILMOUNT SYSTEMS AVAILABLE-ALL WITHOUT ANY HOLES TO DRILL! CONTACT YOUR LOCAL MARINE HARDWARE DEALER OR CALL US FOR A COMPLETE CATALOG. FORESPAR® MAY HAVE JUST THE MOUNT YOU'RE LOOKING FOR!



Installation instructions:

Model 300H 300R 300 350 300M 156006 156008 156009 156026 156028 156029

## **RAILFAST™ HARDWARE cont**

### **RailFast Model 300H and 300R Assembly (7/8" & 1" Rails)**

**Note:** The 300H & R Assembly was designed to give the boater various options to hang products on his/her railings.

The RailFast™ 300H & R Assembly is packaged assembled. It will be necessary to take it apart prior to installation on your railing. In doing so, you will readily see how it goes together, but please read the instructions through before starting assembly to your rail.

Unthread the bolt with the Allen Key supplied. Then pull off the mounting boss (see diagram, reverse side) and the rail clamp from the rail strap assembly.

Once apart, notice that the device consists of the following pieces: (references on reverse side)

1. Allen Key
2. Bolt (S/S 3/8"-16 x 1")
3. Mounting Boss
4. Rail Clamp
5. Tension Pin
6. Rail Strap
7. 7/8" Shim

**A.** Locate an accessible position on your rail.

**B.** Slide the rail strap over your 1" rail. On a horizontal or slanted rail, the square hole should be upward. If your rail is 7/8" diameter, place the 7/8" shim on the inside of the "U" in the rail strap before placing the strap on the rail.

**C.** Insert the tension pin, round end first, through the square hole, keeping the threaded hole of the tension pin at a right angle to the rail.

**D.** Slide the rail clamp over the ends of the rail strap until snug against your rail. Then slide on the mounting boss and insert the 3/8" bolt. Screw in and tighten with the Allen key. Tighten to a maximum hand force only. This will assure a tight, secure fit. **Do not** use any additional leverage device-maximum hand force is sufficient.

## **RAILFAST™ HARDWARE cont.**

### **RailFast Model 300 Assembly (7/8" & 1" Rails)**

**Note:** The 300 Assembly was designed to give the boater various options to mount products on his/her railings.

The RailFast™ 300 Assembly is packaged assembled. It will be necessary to take it apart prior to installation on your railing. In doing so, you will readily see how it goes together, but please read the instructions through before starting assembly to your rail.

Unthread the bolt with the Allen Key supplied. Then pull off the mounting boss (see diagram, reverse side) and the rail clamp from the rail strap assembly.

Once apart, notice that the device consists of the following pieces: (references on reverse side)

1. Allen Key
2. Bolt (S/S 3/8"-16 x 1")
3. Mounting Boss
4. Rail Clamp
5. Tension Pin
6. Rail Strap
7. 7/8" Shim

**A.** Locate an accessible position on your rail.

**B.** Slide the rail strap over your 1" rail. On a horizontal or slanted rail, the square hole should be upward. If your rail is 7/8" diameter, place the 7/8" shim on the inside of the "U" in the rail strap before placing the strap on the rail.

**C.** Insert the tension pin, round end first, through the square hole, keeping the threaded hole of the tension pin at a right angle to the rail.

**D.** Slide the rail clamp over the ends of the rail strap until snug against your rail. Then slide on the mounting boss and insert the 3/8" bolt. Screw in and tighten with the Allen key. Tighten to a maximum hand force only. This will assure a tight, secure fit. **Do not** use any additional leverage device-maximum hand force is sufficient.

**E.** The RailFast™ 300 Assembly is supplied with a 3/8"-16 x 1" S/S bolt. If the device that you intend to attach to the assembly is over 1/8" thick, a longer bolt will be required.

## **RAILFAST™ HARDWARE Cont.**

### **RailFast Model 350 Assembly (7/8" & 1" rails)**

**Note:** The 350 Assembly was designed to give the boater various options to mount products on the railings. The 3-1/2" diameter flange can be used to mount small tables, GPS antennas or many other types of equipment.

The RailFast™ 350 Assembly is packaged assembled. It will be necessary to take it apart prior to installation on your railing. In doing so, you will readily see how it goes together, but please read the instructions through before starting assembly to your rail.

Unthread the bolt with the Allen Key supplied. Then pull off the mounting boss (see diagram, reverse side) and the rail clamp from the rail strap assembly.

Once apart, notice that the device consists of the following pieces: (references on reverse side)

1. Allen Key
2. Bolt (S/S 3/8"-16 x 1")
3. Mounting Boss
4. Rail Clamp
5. Tension Pin
6. Rail Strap
7. 7/8" Shim

**A.** Locate an accessible position on your rail.

**B.** Slide the rail strap over your 1" rail. On a horizontal or slanted rail, the square hole should be upward. If your rail is 7/8" diameter, place the 7/8" shim on the inside of the "U" in the rail strap before placing the strap on the rail.

**C.** Insert the tension pin, round end first, through the square hole, keeping the threaded hole of the tension pin at a right angle to the rail.

**D.** Slide the rail clamp over the ends of the rail strap until snug against your rail. Then slide on the mounting boss and insert the 3/8" bolt. Screw in and tighten with the Allen key. Tighten to a maximum hand force only. This will assure a tight, secure fit. **Do not** use any additional leverage device-maximum hand force is sufficient.



## **RAILFAST™ HARDWARE Cont.**

### **RailFast Model 300 M Assembly (7/8" & 1" Rails)**

**Note:** The 300M Assembly was designed to give the boater options to support the bottom end of a Man Overboard Pole on his/her railings. **You must have a stern rail close to your backstay for proper use.**

The RailFast™ 300M Assembly is packaged assembled. It will be necessary to take it apart prior to installation on your railing. In doing so, you will readily see how it goes together, but please read the instructions through before starting assembly to your rail.

Unthread the bolt with the Allen Key supplied. Then pull off the mounting boss (see diagram, reverse side) and the rail clamp from the rail strap assembly.

Once apart, notice that the device consists of the following pieces: (references on reverse side)

1. Allen Key
2. Bolt (S/S 3/8"-16 x 1")
3. Mounting Boss
4. Rail Clamp
5. Tension Pin
6. Rail Strap
7. 7/8" Shim

**A.** Locate an accessible position on your rail.

**B.** Slide the rail strap over your 1" rail. On a horizontal or slanted rail, the square hole should be upward. If your rail is 7/8" diameter, place the 7/8" shim on the inside of the "U" in the rail strap before placing the strap on the rail.

**C.** Insert the tension pin, round end first, through the square hole, keeping the threaded hole of the tension pin at a right angle to the rail.

**D.** Slide the rail clamp over the ends of the rail strap until snug against your rail. Then slide on the mounting boss and insert the 3/8" bolt. Screw in and tighten with the Allen key. Tighten to a maximum hand force only. This will assure a tight, secure fit. **Do not** use any additional leverage device-maximum hand force is sufficient.

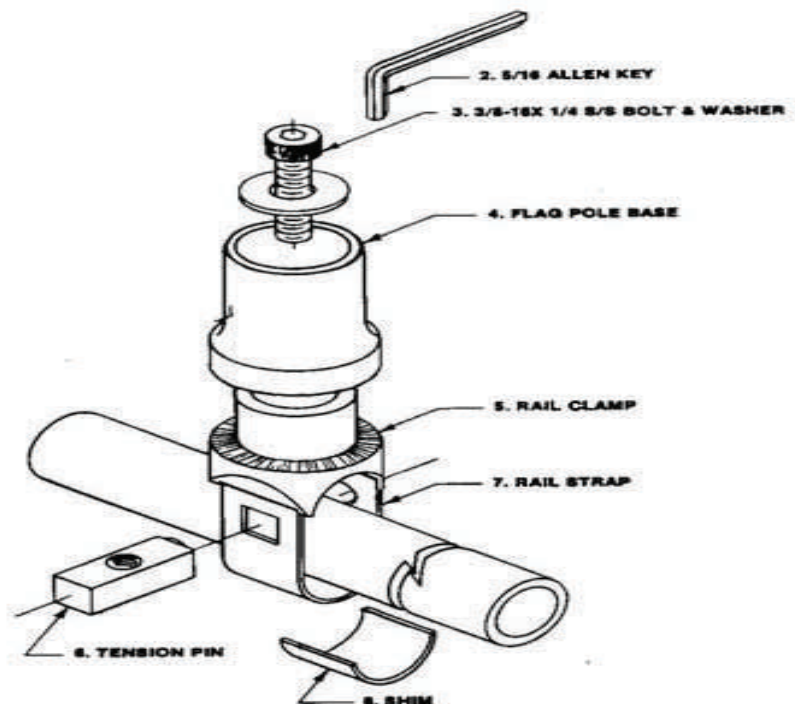
## RAILFAST™ HARDWARE Cont.

### RailFast™ #156006 324-FPH (7/8" & 1" Rails) Flag pole holder instructions

The RailFast™ Flag Pole Holder is packaged assembled. It will be necessary to take it apart prior to installation on your railing. In doing so, you will readily see how it goes together, but please read the instructions through before starting.

Unthread the bolt with the Allen key supplied. Then pull off the flag pole base and rail clamp pieces from the rail strap assembly. Once apart, notice that the unit consists of the following pieces per drawing below:

- #2) 5/16" Allen key
- #3) 3/8-16 x 1" S/S bolt & washer
- #4) Flag pole base
- #5) Rail clamp
- #6) Tension pin
- #7) Rail strap
- #8) 7/8" rail shim  
(not needed on 1" rails)



#### ASSEMBLY

1. Slide rail strap over your rail. FPH must be mounted on a horizontal rail.
2. If the rail is 7/8" diameter, place the 7/8" shim in the inside of the "U" in the rail strap before placing on rail.
3. Insert the tension pin, round end first, through the square hole, keeping the threaded hole of the tension pin at a right angle to the rail.
4. Slide the rail clamp over the ends of the rail strap until snug against your rail.
5. Slide on the flag pole base; then thread the bolt and washer into the base and tighten to maximum hand force. This will assure a tight, secure fit. *Do not use any additional leverage device*---maximum hand force is sufficient.

Place your flag pole into the base and be sure it fits snug. If desired, and for additional safety, you can drill a small hole (1/4" maximum) in the side of the flag pole base and use a set screw to hold the flag pole into the base socket.

## **RAILFAST™ HARDWARE Cont.**

### **RailFast<sup>®</sup> - Model 311-NLH (#156008) Antenna Mount for 7/8" & 1" rails**

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The RailFast<sup>®</sup> 311-NLH comes assembled – it will be necessary to take it apart prior to installation on your railing. Take care not to drop any components overboard!

Use the Allen wrench provided to unthread the cap screw. Then pull the threaded base and rail clamp pieces away from the rail strap assembly.

Once apart, notice that the unit consists of the following pieces:

1. Cap Screw
  2. Flat Washer
  3. Threaded Base
  4. Cap Screw Retaining Ring
  5. Rail Clamp
  6. Tension Pin
  7. Rail Strap
- Shim for 7/8" rails (if needed)

#### **INSTALLATION**

1. Slide rail strap over the 7/8" or 1" rail with the square hole in the strap facing up.
2. Insert the tension pin, round end down, through the square hole at right angle to the rail.
3. Slide the rail clamp piece over the end of the rail strap until snug against the rail.

#### **IMPORTANT NOTE**

If you plan to install an antenna where the cable feeds out the bottom of the coupler and through the mount, this must be done before the threaded base piece is assembled on the rail. Pull the cable through the center of the threaded section only and thread the coupler on the clamp piece, turning the cable as you go to prevent kinking and twisting. When the coupler is securely seated, pull the cable through the bottom hole and press into the wire channel to prevent chafing.

4. Slide the threaded base piece over the rail clamp piece and thread the cap screw into the tension pin.
5. Adjust the position of the RailFast<sup>®</sup> unit to desired angle and tighten the cap screw with the Allen wrench, using maximum HAND force to assure a tight assembly. **DO NOT USE PLIERS OR OTHER LEVERAGE INHANCING DEVICES.**

Tighten the cap screw with the Allen wrench securely by hand only. Do not use pliers or other devices. Retighten in 24 hours (allows for stretching)

## **RAILFAST™ HARDWARE Cont.**

### **RailFast<sup>®</sup> - Model 311-N (#156009) Antenna Mount for 7/8" & 1" Rails**

The RailFast<sup>®</sup> 311-N come assembled – it will be necessary to take it apart prior to installation on your railing. Take care not to drop any components overboard!

Use the Allen wrench provided to unthread the cap screw. Then pull the threaded base and rail clamp pieces away from the rail strap assembly.

Once apart, notice that the unit consists of the following pieces:

1. Cap Screw
  2. Flat Washer
  3. Threaded Base
  4. Cap Screw Retaining Ring
  5. Rail Clamp
  6. Tension Pin
  7. Rail Strap
- Shim for 7/8" rails (if needed)

#### **INSTALLATION**

1. Slide rail strap over the rail with the square hole in the strap facing up.
2. If your rail is 7/8", place the shim in the inside of the "U" of the rail strap.
3. Insert the tension pin, round end down, through the square hole at right angle to the rail.
4. Slide the rail clamp piece over the end of the rail strap until snug against the rail.

#### **IMPORTANT NOTE**

If you plan to install an antenna where the cable feeds out the bottom of the coupler and through the mount, this must be done before the threaded base piece is assembled on the rail. Pull the cable through the center of the threaded section only and thread the coupler on the clamp piece, turning the cable as you go to prevent kinking and twisting. When the coupler is securely seated, pull the cable through the bottom hole and press into the wire channel to prevent chafing.

5. Slide the threaded base piece over the rail clamp piece and thread the cap screw into the tension pin.

Adjust the position of the RailFast<sup>®</sup> unit to desired angle and tighten the cap screw with the Allen wrench, using maximum HAND force to assure a tight assembly. **DO NOT USE PLIERS OR OTHER LEVERAGE ENHANCING DEVICES.**

Tighten the cap screw with the Allen wrench securely by hand only. Do not use pliers or other devices.

Retighten in 24 hours (allows for stretching)



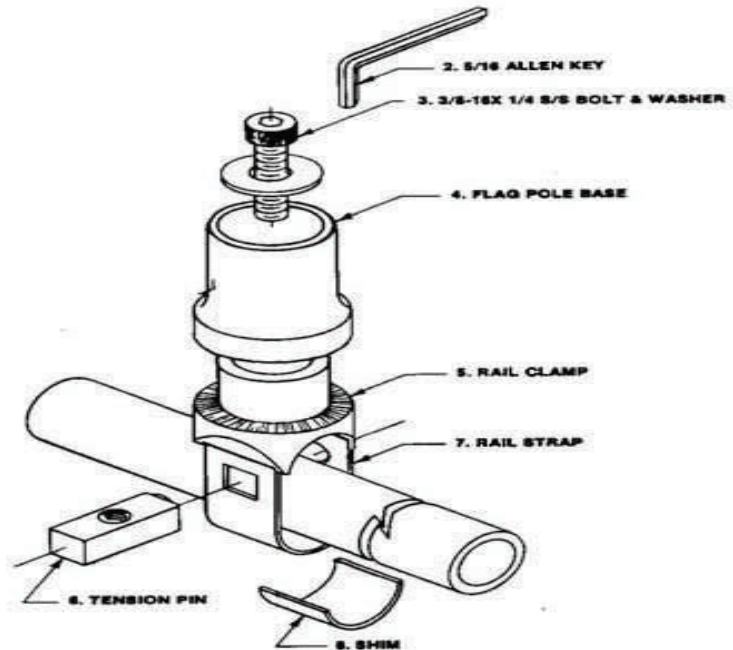
## RAILFAST™ HARDWARE Cont.

### RailFast™ #156026 324-FPH (1-1/4" Rails) Flag Pole Holder Instructions

The RailFast™ Flag Pole Holder is packaged assembled. It will be necessary to take it apart prior to installation on your railing. In doing so, you will readily see how it goes together, but please read the instructions through before starting.

Unthread the bolt with the Allen key supplied. Then pull off the flag pole base and rail clamp pieces from the rail strap assembly. Once apart, notice that the unit consists of the following pieces per drawing below:

- #2) 5/16" Allen key
- #3) 3/8-16 x 1-1/8" S/S bolt & washer
- #4) Flag pole base
- #5) Rail clamp
- #6) Tension pin
- #7) Rail strap



#### ASSEMBLY

1. Slide rail strap over your 1-1/4" rail. FPH must be mounted on a horizontal rail.
2. Insert the tension pin, round end first, through the square hole, keeping the threaded hole of the tension pin at a right angle to the rail.
3. Slide the rail clamp over the ends of the rail strap until snug against your rail.
4. Slide on the flag pole base; then thread the bolt and washer into the base and tighten to maximum hand force. This will assure a tight, secure fit. *Do not use any additional leverage device*---maximum hand force is sufficient. Place your flag pole into the base and be sure it fits snug. If desired, and for additional safety, you can drill a small hole (1/4" maximum) in the side of the flag pole base and use a set screw to hold the flag pole into the base socket.

## **RAILFAST™ HARDWARE Cont.**

### **RailFast<sup>®</sup> - Model 311-NLH (#156028) Antenna Mount for 1 1/4" Rails**

#### **INSTALLATION INSTRUCTIONS**

The RailFast<sup>®</sup> 311-NLH comes assembled – it will be necessary to take it apart prior to installation on your railing. Take care not to drop any components overboard!

Use the Allen wrench provided to unthread the cap screw. Then pull the threaded base and rail clamp pieces away from the rail strap assembly.

Once apart, notice that the unit consists of the following pieces:

1. Cap Screw
2. Flat Washer
3. Threaded Base
4. Cap Screw Retaining Ring
5. Rail Clamp
6. Tension Pin
7. Rail Strap

#### **INSTALLATION**

1. Slide rail strap over the 1-1/4" rail with the square hole in the strap facing up.
2. Insert the tension pin, round end down, through the square hole at right angle to the rail.
3. Slide the rail clamp piece over the end of the rail strap until snug against the rail.

#### **IMPORTANT NOTE**

If you plan to install an antenna where the cable feeds out the bottom of the coupler and through the mount, this must be done before the threaded base piece is assembled on the rail. Pull the cable through the center of the threaded section only and thread the coupler on the clamp piece, turning the cable as you go to prevent kinking and twisting. When the coupler is securely seated, pull the cable through the bottom hole and press into the wire channel to prevent chafing.

4. Slide the threaded base piece over the rail clamp piece and thread the cap screw into the tension pin.
5. Adjust the position of the RailFast<sup>®</sup> unit to desired angle and tighten the cap screw with the Allen wrench, using maximum HAND force to assure a tight assembly. **DO NOT USE PLIERS OR OTHER LEVERAGE INHANCING DEVICES.**

Tighten the cap screw with the Allen wrench securely by hand only. Do not use pliers or other devices. Retighten in 24 hours (allows for stretching)

## **RAILFAST™ HARDWARE Cont.**

### **RailFast<sup>®</sup> - Model 311-N (#156029) Antenna Mount for 1 1/4" Rails**

The RailFast<sup>®</sup> 311-N come assembled – it will be necessary to take it apart prior to installation on your railing. Take care not to drop any components overboard!

Use the Allen wrench provided to unthread the cap screw. Then pull the threaded base and rail clamp pieces away from the rail strap assembly.

Once apart, notice that the unit consists of the following pieces:

1. Cap Screw
2. Flat Washer
3. Threaded Base
4. Cap Screw Retaining Ring
5. Rail Clamp
6. Tension Pin
7. Rail Strap

#### **INSTALLATION**

1. Slide rail strap over the 1-1/4" rail with the square hole in the strap facing up.
2. Insert the tension pin, round end down, through the square hole at right angle to the rail.
3. Slide the rail clamp piece over the end of the rail strap until snug against the rail.

#### **IMPORTANT NOTE**

If you plan to install an antenna where the cable feeds out the bottom of the coupler and through the mount, this must be done before the threaded base piece is assembled on the rail. Pull the cable through the center of the threaded section only and thread the coupler on the clamp piece, turning the cable as you go to prevent kinking and twisting. When the coupler is securely seated, pull the cable through the bottom hole and press into the wire channel to prevent chafing.

4. Slide the threaded base piece over the rail clamp piece and thread the cap screw into the tension pin.
5. Adjust the position of the RailFast<sup>®</sup> unit to desired angle and tighten the cap screw with the Allen wrench, using maximum HAND force to assure a tight assembly. **DO NOT USE PLIERS OR OTHER LEVERAGE ENHANCING DEVICES.**

**Tighten the cap screw with the Allen wrench securely by hand only. Do not use pliers or other devices.  
Retighten in 24 hours (allows for stretching)**