

# RUDDER PINS

## WHICH RUDDER PIN?

Consider your intended use. Aluminum is standard on Hobie® and Prindle cats and is good for all-around, low maintenance use. Nylatron are sacrificial pins for use in the surf and should be inspected often for wear. Weight-saving, hollow stainless pins with stronger .065" wall provide reduced wear and the best long-term fit.



## RUDDER PINS

### H-14/16

3/8" X 8". Pair.

- 01-2271 Nylatron \$12.00
- 01-2272 Aluminum \$16.00
- 01-2269 Stainless Steel \$22.00

### H-17/18/Wave/Getaway

3/8" X 9-1/4". Pair. Universal pins are suited for all H-17/18/Wave rudder castings.

- 01-4271 Nylatron \$12.00
- 01-4274 Aluminum \$16.00
- 01-4273 Stainless Steel \$23.00

### H-21, Prindle & Nacra® - Pair

3/8" x 10-1/4" end-to-end, with hole at each end.

- 01-5272 Aluminum \$17.00
- 01-5273 Stainless Steel \$25.00

### H-20 - Each

5/16" x 9-1/4" end-to-end, with 3/32" hole at each end. Cotter pins sold separately.

- 50-40880011 Stainless Steel Pin \$15.40
- 19-1015 Cotter Pin 3/32"x3/4"-each \$1.18



## RUDDER TITE KIT & BUSHINGS

Tighten, insulate and reduce friction between rudder pin and rudder casting. Replaceable nylon bushings provide a smooth, nonconductive bearing surface which is ideal for use with stainless rudder pins. H-14/16 Kit includes 4 bushings, 2 aluminum rudder pins and instructions. Note: Bushing requires 0.438" (7/16") hole in castings (use 7/16" reamer to enlarge hole in castings). Bushings fit H-17/18/21 castings without modification and replace Hobie®-style nyliners.

- 01-2283 H-14/16 Rudder Tite Kit \$24.00
- 01-2284 Bushing H-14/16/17/18/Wave each \$2.25

- 50-40340001 H-20 Upper \$5.00
- 50-40360001 H-20 Lower \$5.00

## RELATED ITEMS

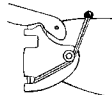
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## A. RUDDER RETURN KITS

These kits by Tren Tec eliminate kick-up. Rudders return to down position easily with one hand. Tension holds rudder down if a cam fails. All kits accommodate both rudders.

- A. 12-2049 H-14/16 Tren Tec Kit \$15.00
- 12-2059 H-17/18 Tren Tec Kit \$15.00
- 01-2240 Shock Cord 32" with Balls (pr) \$7.25



## KISME KLEETS

Stainless steel cleat replaces the plastic ones sold by Tren Tec as a rudder return kit. Package of 4.

- 05-1010 \$8.00



## B-C. RUDDER GUDGEONS

Latest, strongest design with welded sleeve bushings provides large, smooth bearing surfaces between rudder pins and gudgeons. Replace flared gudgeons with their sharp edges and point loading that can cause early rudder pin failure. For H-14/16s, order separate upper and lower gudgeons. For all other Hobie® cats, order #25-3352 for both gudgeons. Each.

- B. 25-3351 Upper H-14/16 \$12.00
- C. 25-3352 Lower H-14/16: all others, upper & lower \$26.00
- 19-3520 RHMS #12-24 x 1.25" Repl Screw (Each) \$1.10
- 50-8030401 Hobie® Gudgeon Lock Screw (16/pkg) \$18.40
- 50-F18056012 Tiger Gudgeon Upper 2008 \$21.00
- 50-F18056014 Tiger Gudgeon Lower 2008 \$21.00
- 50-F99226001 Screw for Tiger Gudgeon \$7.70

## ONE-PIECE RUDDER GUDGEON

Strongest available and standard on newer boats! One-piece gudgeons are always in perfect alignment! Excellent replacement for boats that have lost the use of one or more gudgeon screws because this uses more fasteners. H-18 gudgeon includes pin. Each.

- 50-50102011 H-14/16 \$38.95
- 50-60102011 H-18 \$56.00
- 19-3520 Machine Screw (order 8 for H-14/16; 10 for H-18) \$1.10

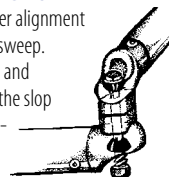


# RUDDER KITS FOR HOBIES®



## D. TILLER CONNECTION KIT

Assures consistent rudder alignment through the full rudder sweep. Spring-loaded half balls and contoured spacers take the slop out of the tiller-to-crossbar connection. Racing class legal.



- D. 01-2061 Kit (Pair) \$11.00
- 01-0061 Contoured Spacer-Each \$.80
- 01-0059 Half Ball-Each \$.35
- 01-0060 Spring \$2.00
- 19-2221 Hex Bolt 1/4-20 x 2-1/4" \$1.20
- 19-2516 Nut 1/4-20 \$.45



## E. H-20 STYLE TILLER CONNECTOR & ADJUSTER KIT

The H-20 tiller connection system has been adapted as a retrofit for all Hobies®! Easy to adjust with an exact, snug fit. 10 seconds to install/remove tiller crossbar. Replacement parts are also available.

- E. 07-1953 Kit \$128.95
- Replacement Parts**
- 50-40540001 Adjustment Arm \$27.90
- 50-40550001 End Cap Threaded \$10.00
- 50-40561001 Tiller Connector End Cap 1995 & Later \$11.00
- 50-40590001 Retainer Clip \$1.60

## TENDON FOR GETAWAY TILLER CONNECTOR

- 50-37561011 \$8.60



## F-G. RUDDER ALIGNMENT

Adjustable end cap replaces short cap on tiller crossbar. Each.

- F. 50-60400011 Adjustable End Cap \$17.00
- G. 50-10400010 Tiller Arm End Cap \$12.95
- 50-20520011 Crossbar with Hobie® Caps \$143.00

Other factory replacement parts are also available for many boats.



## F. RUDDER CAM KITS

Replacing worn rudder cams helps keep your Hobie's rudder lock-down mechanism functioning properly. Kits include two cams, two reusable, internally threaded sister screws for both sides, and instructions. Purchase the complete kit if your boat has the stock flare pins; purchase just the cams if your boat already has sister screws as shown.

- F. 01-2050 H-14/16 Kit \$28.00
- 01-3550 H-17/18/20/21/Wave/Getaway Kit \$33.25
- 01-2051 H-14/16 Sister Screws Only (pair) \$16.00
- 01-3551 H-17/18/20/21/Wave/Getaway Sister Screws Only (pair) \$18.00

## Factory replacement parts (each):

- 50-10480000 Cam Only \$7.70
- 50-10440000 Plunger Only H-14/16 \$3.10
- 50-50312201 Plunger Only H17/18/20/21/Wave/Getaway \$5.80
- 50-10430000 Spring Only \$6.80
- 50-60450000 Delrin Screw Only (Tap size 3/4-10) \$8.00
- 50-10311900 Rudder Locking Kit H-14/16 (Includes 1 each: plunger, spring, screw) \$16.00



## RUDDER STIFFENING KIT

For all Hobies®. Eliminate excessive clearances between rudders and castings which cause wobble and thwart rudder alignment. Kit has 4 stainless nylock nuts and 8 spacers.

- 01-2053 Kit with 8 spacers \$6.00
- 01-0053 Spacer Only (Each) \$.50
- 19-2520 Nut Only (Each) \$.50



## H-18 RUDDER CONVERSION KIT

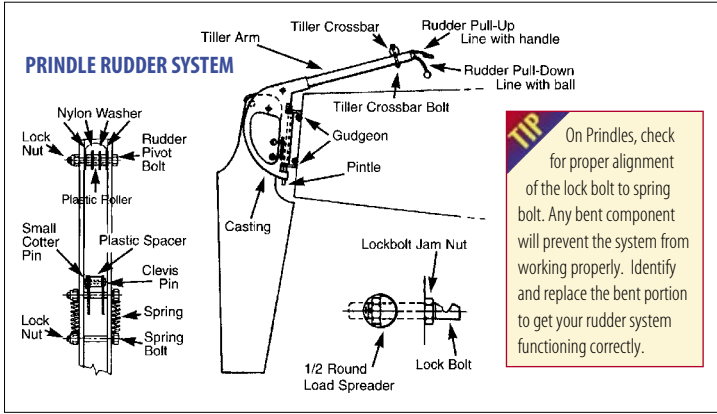
Upgrade your pre-1986 H-18 to the latest rudder kick-up system. Pre-'86 lower rudder castings have aluminum lock down cams. Post-'86 lower castings have plastic lock down cams with improved locking action. Kit contains two lower castings with improved locking action, two upper castings with arms and end caps, four gudgeons with mounting screws and locking washers, rudder pins and instructions for gudgeon mounting and rudder redrilling.

- 50-60331010 \$630.00

# RUDDER KITS

# RUDDERS & DAGGERBOARDS

Last update Dec. 2009: Click here to go to the Murrays Online Store for current information



**TIP** On Prindles, check for proper alignment of the lock bolt to spring bolt. Any bent component will prevent the system from working properly. Identify and replace the bent portion to get your rudder system functioning correctly.

## A. PRINDLE RUDDER ALIGNMENT & CROSSBAR ASSEMBLY

For easy adjustment of rudder parallelism. Adjustable end cap fits to end of Prindle tiller crossbar. Simply lengthen or shorten crossbar to toe-in or toe-out rudders. Aluminum. Each.

- A. 56-5106 Adjustable End Cap \$126.00
- 56-5000 P-15/16/18 Crossbar with Caps—73.5" x 15/16" ID \$299.00
- 56-5008 P-19 Crossbar without Caps—81.75" x 15/16" ID \$129.00



## TILLER & RUDDER STIFFENING KIT FOR PRINDLES

For Prindles. Spring-loaded tiller connection with contoured spacers tightens the hinge connection. Six plastic shims reduce slop between rudders and castings.

- 01-5141 \$12.75



## B-F. PRINDLE RUDDER LOCK ASSEMBLY

- B. 21-1741 Plastic Roller—Upper \$2.50
- C. 56-4016 Spring \$4.00
- D. 56-4017 Rudder Lock Bolt \$28.00
- E. 56-4018 Lockbolt Jam Nut \$4.00
- F. 56-4019 1/2 Round Load Spreader \$22.00
- 56-F118 Washer \$.50
- 56-4014 Plastic Spacer for Lower Rudder \$.50



## G-H. NACRA PIVMATIC KICK-UP

Positive, reliable and easy to install. Nacra rudders automatically kick up on contact with submerged objects with this rudder release fitting. Complete kit for one side as shown or replacement parts available.

- G. 56-0266 Kick-up Kit \$32.00
- Heavy-duty aluminum cleat is not as susceptible to wear and stripping.
- H. 56-0266-1 Kick-up Kit with Aluminum Cleat \$40.00

### Replacement Parts:

- 56-0151 Pivmatic Bracket Only \$21.00
- 27-0209 Repl. Clam Cleat Only Plastic \$5.35
- 27-0254 Repl. Clam Cleat Only Aluminum \$13.60
- 22-9804 Clevis Pin Only 1/4"x1-3/8" \$1.65
- 22-9492 Split Ring 3/16"-1/4" \$.40

## NACRA TILLER TIE BAR UPGRADE KIT

Improved tiller connection for older boats.

- 56-5516 \$51.00



## NACRA RUDDER ALIGNMENT & CROSSBAR

- 56-5508 Adjustable End Cap—All Nacras \$138.00
- 56-C608 Tiller Crossbar Tube 7' (measure, cut & drill) \$82.00

**TIP** When rebuilding Prindle and Nacra rudder systems, make replacement pull-down lines using 3/16" prestretched line as follows:  
 Prindle: Four 4-foot pieces  
 Nacra: Two 4-foot pieces  
 For Nacra rudder pull-up, use 5 feet of 5/16" shock cord.



## HOBIE® FACTORY RUDDERS & DAGGERBOARDS

- PCG = Solid molded white plastic
- FG/F = White fiberglass/foam
- EPO<sup>2</sup> = Epoxy

### HOBIE® RUDDERS — EACH

- H-14/16/17/18/Wave/Getaway Blade
- 50-20493000 White PCG \$132.00

### EPO<sup>2</sup> Rudder Blades

- for H-14/16/17/18/Wave/Getaway
- EPO<sup>2</sup> next-generation performance rudder blades combine Hobie's proven foil shape with a fine trailing edge to offer reduced cavitation and hum with smoother, more forgiving control. Hand laid fiberglass construction with extra cloth incorporated in all the right places ensures that the EPO<sup>2</sup> blades are tough enough for even the most demanding sailors using extreme mast rake.
- 50-20490020 EPO<sup>2</sup> Carbon Epoxy \$250.00

### Blades for Other Hobies

- 50-40490001 H-20 White FG/F \$275.00
- 50-30490001 H-21 White FG/F \$359.00
- 50-F99502280 H-Tiger White FG/F 2008 \$300.00

### HOBIE® CENTERBOARDS & DAGGERBOARDS — EACH

OVERSIZED SHIPPING RATES APPLY

- 50-50351001 H-17 White FG/F \$308.00
- 50-60300001 H-18 White FG/F \$532.00
- 50-40330001 H-20 White FG/F \$560.00

**TIP** When upgrading from standard Hobie® Cat blade to fiberglass or epoxy, buy a matching pair so that both rudders perform alike.

Rudders and daggerboards may be oversized for shipping purposes, depending on shipping method.

## PERFORMANCE CATAMARANS RUDDERS & DAGGERBOARDS

The only racing class legal equipment for Nacra and Prindle cats! Superior strength and consistent quality. Special high-density foam core with carbon reinforcement in the 5.8/6.0 daggerboards. One year warranty on workmanship and materials.

### PERFORMANCE CAT RUDDERS — EACH

- 56-4022 Prindle 15/16/18 \$120.00
- 56-4225 Prindle 18.2/19—Upgrade \$160.00
- 56-1006 Prindle 18.2/19 Retrofit Kit—Extended gudgeons, tiller arms; Fits P-19/trim to fit P-18.2 \$221.00
- 56-4517 Nacra 5.0/5.7 (Long) \$155.00
- 56-4528 Nacra 5.2/5.5/5.8/6.0/18sq \$130.00
- 56-4580 Inter 17/18/20 Old Style \$170.00
- 56-4599 Nacra 570/590/F17 \$170.00

### PERFORMANCE CAT CENTERBOARDS & DAGGERBOARDS — EACH

OVERSIZED SHIPPING RATES APPLY

- 56-1026 Prindle 18.2/19 \$245.00
- 56-1030 Nacra 5.2/5.5 \$230.00
- 56-1032 Nacra 5.8/6.0 \$230.00
- 56-4585 Inter 17/18/20 \$355.00

### RELATED ITEMS

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- Rudder & Daggerboard Covers..... 59



Photo: Team Alexander.