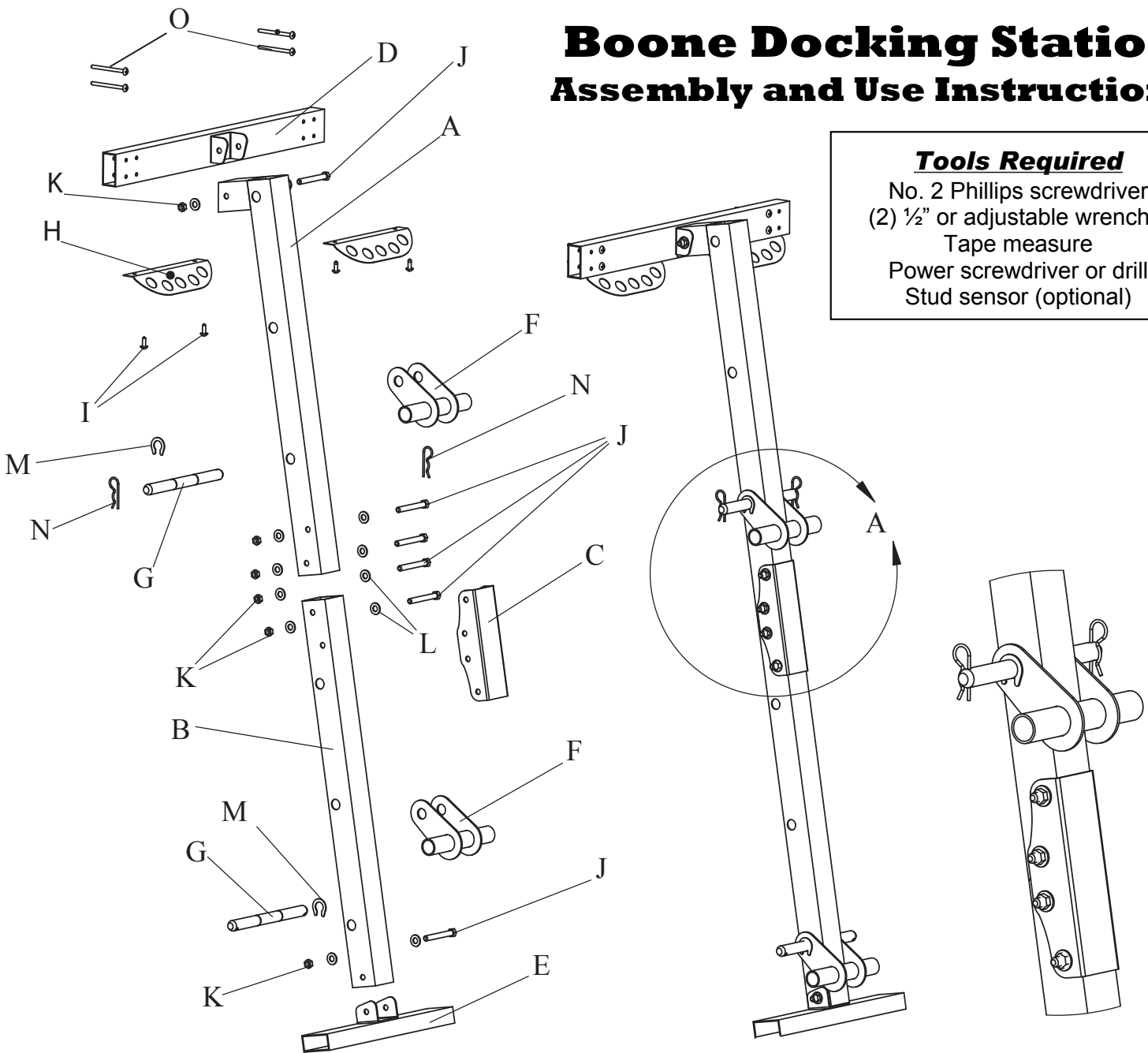


# Boone Docking Station Assembly and Use Instructions

## Tools Required

No. 2 Phillips screwdriver  
(2) 1/2" or adjustable wrenches  
Tape measure  
Power screwdriver or drill  
Stud sensor (optional)



### WARNING

- 300 LB. MAX LOAD FOR DOCKING STATION.
- 150 LB. MAX LOAD PER DOCK BLOCK.
- WALL SUPPORT MUST BE SCREWED TO STUDS OR CONCRETE WALL.
- MAKE SURE BRIDGE PINS ARE IN PLACE TO KEEP GEAR FROM SLIPPING OFF LOCATOR PINS.

### Part I.D.

### Part Description

### Quantity

| Part I.D. | Part Description                       | Quantity |
|-----------|--|----------|
| A         | Top Center Tube                        | 1        |
| B         | Bottom Center Tube                     | 1        |
| C         | Channel Connector                      | 1        |
| D         | Wall Support                           | 1        |
| E         | Floor Support                          | 1        |
| F         | Dock Block                             | 2        |
| G         | Locating Pin                           | 2        |
| H         | Strap Bracket                          | 2        |
| I         | No. 10 x 1/2 Pan Head Screw (Phillips) | 4        |
| J         | 5/16-18 x 2 1/2" Hex Head Bolt         | 6        |
| K         | 5/16-18 Lock Nut                       | 6        |
| L         | Flat Washer                            | 12       |
| M         | C-Clip                                 | 4        |
| N         | Bridge Pin                             | 4        |
| O         | No. 10 x 3" Screw                      | 4        |

### For Technical Assistance or Parts

Contact Customer Service Dept. Monday through Friday 8:00am - 5:00pm Central Standard Time

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# Boone Docking Station Assembly and Use Instructions

| Part I.D. | Part Description                     | Quantity |
|-----------|--------------------------------------|----------|
| A         | Top Center Tube                      | 1        |
| B         | Bottom Center Tube                   | 1        |
| C         | Channel Connector                    | 1        |
| D         | Wall Support                         | 1        |
| E         | Floor Support                        | 1        |
| F         | Dock Block                           | 2        |
| G         | Locating Pin                         | 2        |
| H         | Strap Bracket                        | 2        |
| I         | No. 10 x ½ Pan Head Screw (Phillips) | 4        |
| J         | 5/16-18 x 2 ½" Hex Head Bolt         | 6        |
| K         | 5/16-18 Lock Nut                     | 6        |
| L         | Flat Washer                          | 12       |
| M         | C-Clip                               | 4        |
| N         | Bridge Pin                           | 4        |
| O         | No. 10 x 3" Screw                    | 4        |

*Tools Required*  
No. 2 Phillips screwdriver  
(2) ½" or adjustable wrenches  
Tape measure  
Power screwdriver or drill  
Stud sensor (optional)

## Assembly Steps

### **Channel Connector to Top Center Tube**

1. Place the Channel Connector (C) on the Top Center Tube (A) with mating holes aligned.
2. Insert one 5/16-18 x 2 ½" Hex Head Bolt (J) with Flat Washer (L) into each of the two aligned holes.
3. Place one Flat Washer (L) and 5/16-18 Lock Nut (K) on the threaded portion of the Hex Head Bolt (J). Finger tighten only for now.

### **Channel Connector to Bottom Center Tube**

4. Insert the Bottom Center Tube (B) into the Channel Connector (C) and align the mating holes.
5. Insert one 5/16-18 x 2 ½" Hex Head Bolt (J) with Flat Washer (L) into each of the two aligned holes.
6. Place one Flat Washer (L) and 5/16-18 Lock Nut (K) on the threaded portion of the Hex Head Bolts (M). Tighten using two 1/2" or adjustable wrenches.
7. Using the wrenches tighten the two 5/16-18 x 2 ½" Hex Head Bolts (J) between the Connector (C) on the Top Center Tube (A).

### **Wall Support to Top Center Tube**

8. Assemble the Wall Support (D) to the Top Center Tube (A) by inserting the short leg of the Top Center Tube (A) into the u-shaped bracket of the Wall Support (D). **NOTE:** The Wall Support (D) should be oriented so the 4 holes in the 1" wide face point toward the Channel Connector (A).
9. Insert one 5/16-18 x 2 ½" Hex Head Bolt (J) with Flat Washer (L) into the aligned holes.
10. Place one Flat Washer (L) and 5/16-18 Lock Nut (K) on the threaded portion of the Hex Head Bolt (J). Tighten using two 1/2" or adjustable wrenches.

### **Strap Brackets to Wall Support**

11. Place one Strap Bracket (H) against the 1" wide side of the Wall Support (D) aligning the two sets of mating holes. **NOTE:** The Strap Bracket (H) should be oriented so the angled face with 5 holes is pointing toward the Channel Connector (C).
12. Using a No. 2 Phillips screwdriver thread and tighten one No. 10 Pan Head Screw (I) through each of the two aligned holes.
13. Repeat Steps 12-13 for the second Strap Bracket (H) on the opposite end of Wall Support (D).

### **Floor Support to Bottom Center Tube**

14. Assemble the Floor Support (E) to the Top Center Tube (A) by inserting the free end of the Bottom Center Tube (B) into the u-shaped bracket of the Floor Support (E). **NOTE:** The Floor Support (E) should be oriented so the edges of the u-shaped bracket roughly follow the edges of the Bottom Center Tube (B).
15. Insert one 5/16-18 x 2 ½" Hex Head Bolt (J) with Flat Washer (L) into the aligned holes.
16. Place one Flat Washer (L) and 5/16-18 Lock Nut (K) on the threaded portion of the Hex Head Bolt (J). Tighten using two 1/2" or adjustable wrenches.

## Mounting to the Wall

### WARNING

- **WALL SUPPORT MUST BE SCREWED TO STUDS OR CONCRETE WALL.**

**Your Docking Station or Boone Dock must be fastened to wall studs or a masonry wall (i.e. concrete or cinder block).** Screws are provided for the purpose of mounting to a wood framed wall.

*Before mounting to the wall make sure you have plenty of distance from doorways and other walls for all your anticipated gear storage (i.e. racks, bicycles, kayaks, etc.)*

1. Locate two studs at the desired mounting location.
2. The Docking Station is designed to recline against the wall at a slight angle. Distance from the wall to the rear of the Floor Support (E) should be approximately 9 3/8".
3. Align one set of holes in the Wall Mount (D) with one of the previously located studs. Hole patterns in the Wall Support (D) are for 16" and 18" stud centers. It should be 16", but the 18" pattern allows for any hiccups in the framing.
4. Drive two No. 10 x 3" screws (O) into each stud.

## Dock Block Installation

*The Docking Station allows the Dock Blocks to be assembled to any of the (6) 5/8" diameter holes in the Top Center Tube and Bottom Center Tube. Hole locations used will vary depending on the gear being stored and customer preference. We recommend installing the Dock Blocks after the Docking Station or Boone Dock main assembly is mounted to the wall.*

1. Insert one C-Clip (P) into one of the grooves of the Locating Pin (J).
2. Insert a Dock Block (F) onto either the Top Center Tube (A) or Bottom Center Tube (B). The round tube should rest against the top surface of one of the center tubes.
3. Align the 5/8" diameter hole in a Dock Block (F) with the desired 5/8" diameter mounting hole in either the Top Center Tube (A) or Bottom Center Tube (B).
4. Insert a Locating Pin (G) through the aligned holes until the previously installed C-Clip (M) contacts the Dock Block (F).
5. Insert one C-Clip (M) into the remaining groove of the Locating Pin (G).
6. Insert Bridge Pins (N) into the through holes of the Locating Pin (G). The Bridge Pins (N) will keep gear from sliding of the Locating Pin (G).
7. Repeat Steps 1-6 for other Dock Block(s).

## Mounting Your Gear

### WARNING

- **300 LB. MAX LOAD FOR DOCKING STATION .**
- **150 LB. MAX LOAD PER DOCK BLOCK.**
- **MAKE SURE BRIDGE PINS ARE IN PLACE TO KEEP GEAR FROM SLIPPING OFF LOCATOR PINS.**

- Use the Strap Brackets to hang bungee cords, nylon straps or anything with a hook. Smaller trailer balls with a 3/4" threaded shank can be stored on the Strap Brackets by inserting the threaded shank through one of the holes and threading the nut on the back side.
- Bike Racks and Tailgate Tables are easily stored by slipping the hole for the hitch pin onto a Docking Station Locating Pin and allowing the square tube of the rack to rest on top of the Dock Block round tube. Secure your gear to the Docking Station by inserting a Bridge Pin into the through hole in the Locating Pin.
- Your hitch-mounted Bike Rack can be used as a garage bike rack when stored on the Docking Station.
- A Cargo Carrier can be used as shelving units by storing it in a horizontal position similar to the manner Bike Racks are stored.

