

The **VR2AR Flotation Collar** is designed for use with the VR2AR Acoustic Release and Receiver. It is easy to assemble and attach to the receiver using a **two standard 3/4" wrenches** (or ratchet and wrench, not included).

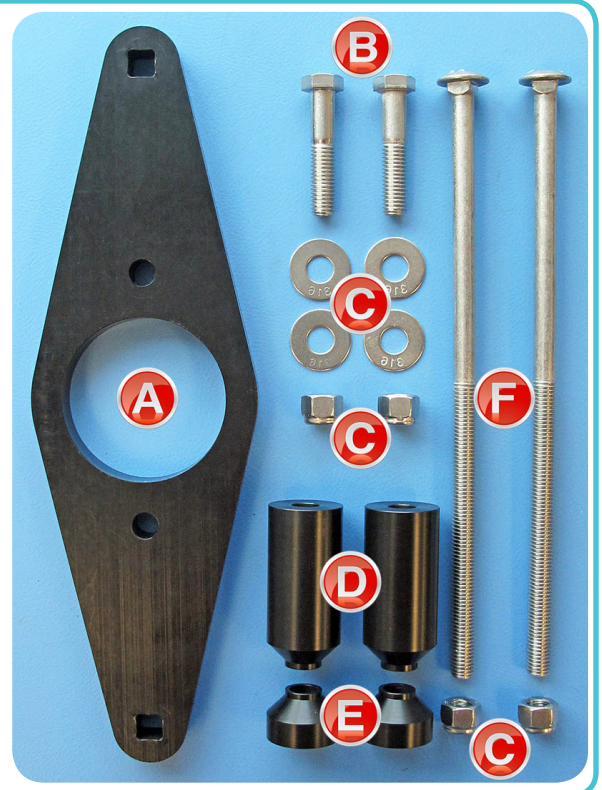
### Flotation Collar Kit

The VEMCO **VR2AR Flotation Collar kit** comes complete with:

- **A** - One flotation collar (frame)
- **B** - Two receiver attachment bolts
- **C** - Retainer hardware (nylock nuts, washers)
- **D** - Two buoy spacers (at ball tops)
- **E** - Two buoy caps (at ball bottom)
- **F** - Two buoy attachment carriage bolts

The collar is quick and easy to assemble, using **standard 3/4" wrenches**.

**NOTE: Buoys and wrenches are not included** in the kit. Float specifications are provided in the VR2AR Flotation Collar data sheet.



### Readying for assembly

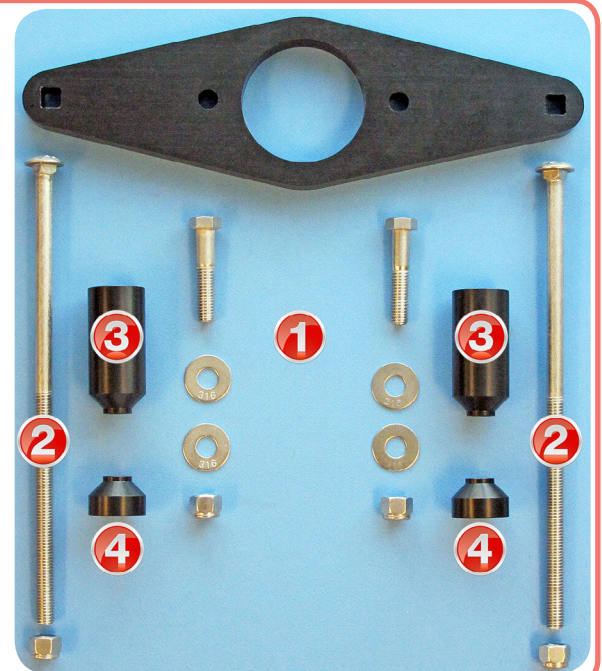
After unpacking the parts bags, arrange the parts as shown here. To assemble the flotation collar and attach it to your receiver, follow the instructions on the back side of this document.

**NOTE:** Verify that all necessary retainer hardware parts are there first.

**NOTE:** Only the Short hex bolts make use of washers.

1. Two **receiver** attachment hex bolts (1/2-13 X 2.5LG, 316SS) with 2 nylock nuts and 4 washers
2. Two **float-to-collar** attachment carriage bolts (Long, 1/2-13 X 12LG, 316SS) with 2 nylock nuts
3. Two buoy top **spacers**
4. Two buoy bottom **caps**

**NOTE:** Get some **marine anti-seize compound** before attaching the bolts and nuts.



## Assembly instructions on back side

## 1 - Attach buoys

1. Insert the **Long carriage** bolts through the collar end holes, until they sit completely in the squared holes.
  - a. Slide the **top spacer** up the bolt (with the tapered end down).
  - b. Slide the **buoys** up on the bolt.
  - c. Slide the **bottom cap** up the bolt (with the tapered end up).

**TIP:** Use **marine anti-seize compound** on the carriage bolt treads.

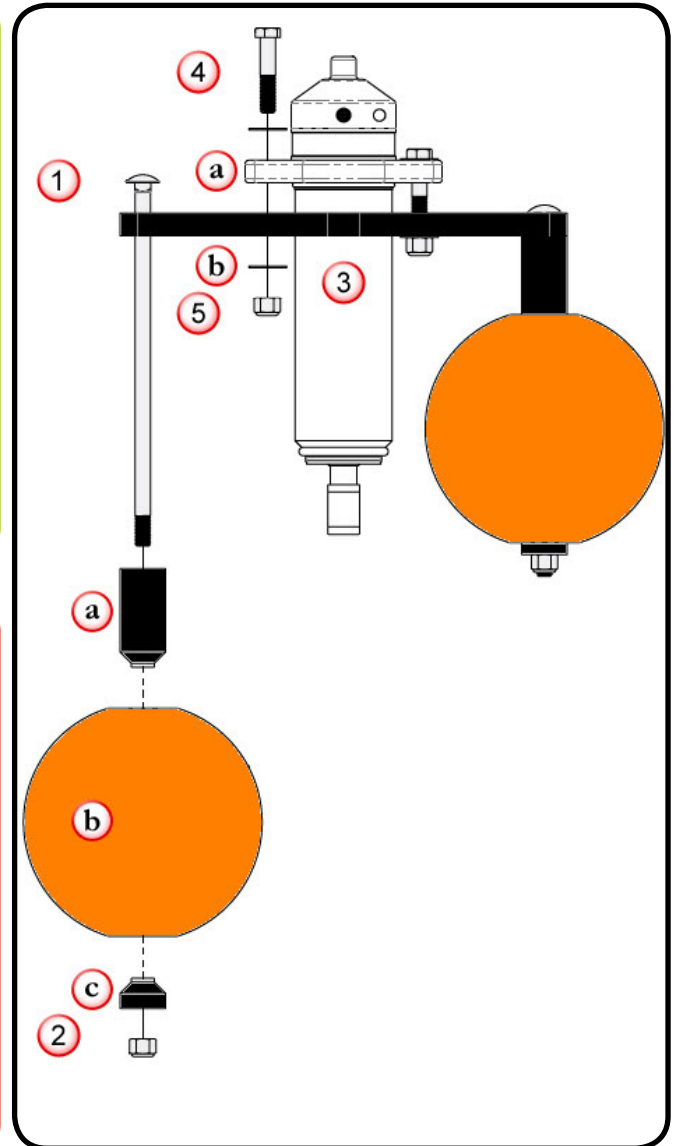
2. Holding the top of the carriage bolt in place, use a 3/4" wrench to tighten the 1/2" **nylock nut**, to secure the buoys in place. Tighten just enough to keep the buoys from moving. **Do not overtighten.**

## 2 - Attach receiver

3. Slide the **receiver** into the collar.
4. Slide a washer through the **Short hex bolt**.
  - a. Slide the **Short hex bolt** and **washer** through the receiver collar hole from the top.
  - b. Slide a **washer** through the threaded bottom of the **Short hex bolt**.

**TIP:** Use **marine anti-seize compound** on the hex bolt treads.

5. Use a 3/4" wrench to hold the head of the hex bolt in place, use another 3/4" wrench to tighten the 1/2" **nylock nut**, to secure the receiver in place. Tighten just enough to keep the receiver from moving. **Do not overtighten.**
6. Repeat steps 4 and 5 for the other side.



## Maintenance tips

The receiver has an **external O-ring** that sits under its collar and therefore between it and the float collar receiver hole. Inspect it periodically when you detach the receiver from the float collar.

O-ring maintenance is discussed in your VR2AR User Guide.

Remember to use **marine anti-seize compound** on the carriage and hex bolt treads, every time you disassemble and reassemble your float collar.



# Your receiver is now ready for use!