

# Discovery Guard Chair



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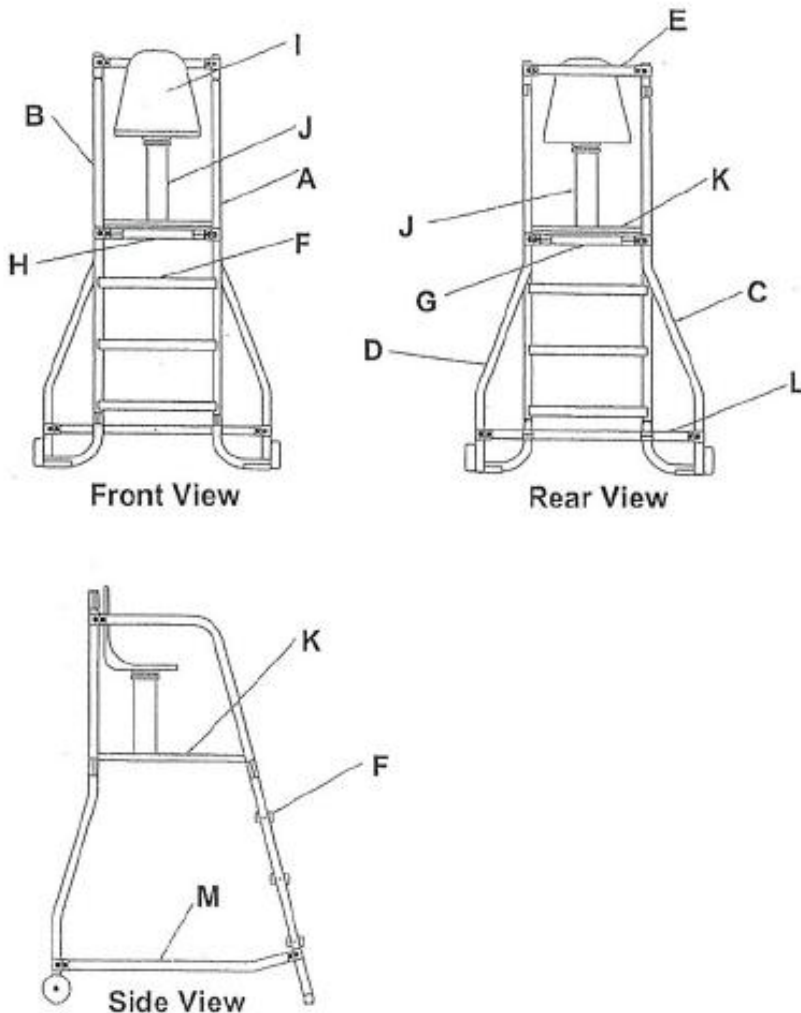
**PLEASE READ OWNERS MANUAL IN ITS ENTIRETY BEFORE BEGINNING INSTALLATION.**

You have purchased a Spectrum Products Discovery Lifeguard Chair. Providing the unit is installed correctly and properly maintained, it will furnish you with many years of trouble free use. It is important to read this entire manual prior to beginning assembly or operation.

## Shipping Information:

Each Guard Chair will arrive partially assembled. Before accepting the delivery from the carrier, inspect for visible damage and match the contents with those listed below. Spectrum is not responsible for lost or damaged freight.

The box will contain all structural components and hardware. The following is a list of the components included with your shipment from Spectrum. Use Components and Hardware Figure as a reference to identify each item listed.



	Description	Qty
A	Side Rail-Right	1
B	Side Rail-Left	1
C	Rear Support-Right	1
D	Rear Support-Left	1
E	Top Connector	1
F	Step Tread	*
G	Rear Platform Bar	1
H	Front Platform Bar	1
I	Seat	1
J	Seat Pedestal	1
K	Footboard	1
L	Rear Connector Bar	1
M	Side Connector Bar	2
	Split Tees w/Hardware	14
	Wheels	2
*	Step Treads for 8' Model	5
	Step Treads for 6' Model	3
	Step Treads for 5' Model	2
	Step Treads for 4' Model	2

## Assembly Instructions:

Assembly of this Discovery Guard Chair may require two people and should only take roughly 1-2 hours depending on assembler's experience. Take inventory to verify all necessary parts are present before assembling.

**Reference the visual aid on page two while following the steps below.**

### **Split tee hardware – 14233 (14)**

- \_\_\_ (2) 20034 – 3/8" x 2 3/4" Carriage bolt
- \_\_\_ (2) 20018 – 3/8" Acorn nut
- \_\_\_ (2) 20017 – 3/8" Lock washer

*(Hold off on tightening Split tee hardware until the end)*

### **Ring buoy/Umbrella holder hardware – 14242 (1)**

- \_\_\_ (2) 20074 – 5/16" x 1/2" Hex bolt
- \_\_\_ (2) 20038 – 3/8" x 2 1/2" Button head
- \_\_\_ (1) 564955-03 – 2 1/4" x 3/8" Button head
- \_\_\_ (3) 20017 – 3/8" Lock washer
- \_\_\_ (3) 20018 – 3/8" Acorn nut

**Step 1:** Determine which side umbrella holder will be on and slide it onto correlating rail before moving onto the next step.

*(Steps 2-9 will be easier assembled with Rear Supports (C and D) laid on the ground.)*

**Step 2:** Preassemble Split tees to Rear Supports (C and D). Reference visual aid to determine direction.

**Step 3:** Attach the Top Connector (E) and Rear Platform Bar (G) to the Rear Support – Left (D) rail.

**Step 4:** Attach Rear Support – Right (C) to the other end of the Top Connector and Rear Platform Bar (E and G).

**Step 5:** Attach the Rear Connector Bar (L) to the bottom of Rear Supports (C and D).

**Step 6:** Press on female bumpers to the bottom of Rear Supports (C and D).

**Step 7:** Slide other umbrella holder piece onto corresponding side before moving onto next step.

**Step 8:** Attach the Side Rail – Right (A) to the Rear Support – Left (D) at the top of chair.

**Step 9:** Attach the Side Rail – Left (B) to the Rear Support – Right (C) at the top of chair.

*(The following steps can be assembled easier with the frame stood upright.)*

**Step 10:** Secure Split tees to the Side Rails (A and B) and fasten the Front Platform Bar (H) into place.

**Step 11:** Secure Split tee halves to bottom of Side Rails (A and B) and to both side of the Rear Connector Bar (L) and slide both Side Connector Bars (M) into place.

**Step tread hardware – 14227 (Quantity based on height of model)**

- \_\_\_ (2) 20035 – 3/8" x 2 3/4" Button head
- \_\_\_ (2) 20004 – 3/8" Hex nut
- \_\_\_ (2) 20017 – 3/8" Lock washer
- \_\_\_ (2) 20012 – 3/8" Flat washer

**Step 12:** Secure Step Treads (F) to Side Rails (A and B) using Step Tread Hardware (14227).

**Footboard to frame hardware – 14232 (1)**

- \_\_\_ (4) 20215 – 3/8" x 4 1/2" Button head
- \_\_\_ (4) 20017 – 3/8" Lock washer
- \_\_\_ (8) 20012 – 3/8" Flat washer
- \_\_\_ (4) 20004 – 3/8" Hex nut
- \_\_\_ (4) 30036 – Washer - nylon

**Step 13:** Position Footboard (K) into place on the frame. Secure in place with Footboard to Frame Hardware (14232). Nylon washers are positioned between footboard and frame.

**Step 14:** Use the 5/8" socket and tighten down all the Split tee halves.

**Step 15:** Use the 9/16" socket and 7/32" hex driver to tighten down Step Treads and Footboard

**Quick disconnect to pedestal hardware – 14252 (1)**

- \_\_\_ (4) 20128 – 1/4" x 1 1/4" Button head
- \_\_\_ (4) 20129 – 1/4" Nylock nut
- \_\_\_ (4) 23080 – 1/4" Flat washer

**Step 16:** Attach the Seat (I) to the Seat Pedestal (J). To do so, remove swivel from seat and use Quick disconnect to pedestal hardware (14252) to secure down with a 7/16" wrench and 5/32" hex drive.

**Pedestal to footboard hardware – 14236 (1)**

- \_\_\_ (4) 20113 – 3/8" x 2 1/2" Hex bolt
- \_\_\_ (4) 20011 – 3/8" Nylock nut
- \_\_\_ (8) 20012 – 3/8" Flat washer

**Step 17:** Fasten down Seat Pedestal (J) to Footboard (K) using Pedestal to footboard hardware (14236). Push bolts down through Footboard then position backer plate and fasten bolts in place.

**Step 18:** All Split tee halves may now be tightened down.

*(Nylon washers go between wheel and frame)*

**Guard chair wheel hardware – 14228 (1)**

- \_\_\_\_ (2) 20215 – 3/8" x 4 1/2" Button head
- \_\_\_\_ (2) 20011 – 3/8" Nylock nut
- \_\_\_\_ (4) 20012 – 3/8" Flat washer
- \_\_\_\_ (2) 30036 – Washer – nylon

## **Cleaning, Care and Maintenance:**

Despite high resistance to corrosion, the 300-series stainless steel used in Spectrum products can be compromised in several ways. On rare occasions, Iron-based rust can occur. This type of corrosion can happen by encountering Halogen Salts (Chlorine and Bromine). Surface contamination and the formation of deposits may also drastically reduce the life of the product. High chemical concentration, warm, high humidity atmospheres in/around swimming pools create more aggressive existing conditions for steel components. Environments such as these catalyze the corrosion, thus increasing the need for upkeep. Our best advice for upkeep is simply "clean the metal when it is dirty to restore its original appearance". The upkeep timeline could range from as often as once a day to as little as four times a year. Provided that cleaning schedules are carried out regularly, high performance and long life of your product will never be a worry. The cost and frequency to maintain the appearance of stainless steel is generally less in comparison to other materials and often offsets the higher initial costs associated with stainless steel products.

## **Spectrum Products® Cleaning Kit:**

Periodic cleaning with Spectra-Clean™ System 1, Part Number 202050-00, is recommended for stainless steel used in aquatic facilities. Similarly, application of Spectra-Shield™, Part Number 57373 is recommended semi-annually to annually to protect from future discoloration and corrosion.

For any questions, comments, or concerns, please contact Spectrum Aquatics customer support at:

[800.791.8056](tel:800.791.8056)

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Thank you!