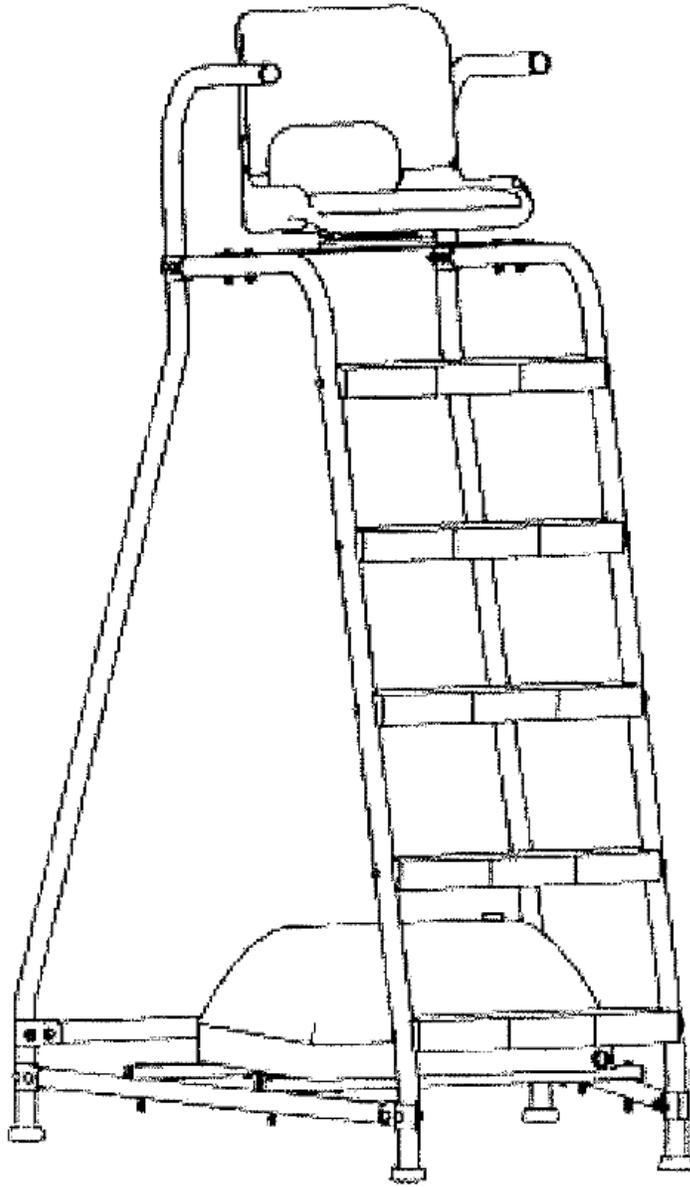


# Marshall Guard Chair



## Owner's Manual Assembly, Installation and Operation

***SPECTRUM***  
*Products*<sup>®</sup>

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## Assembly Instructions

Read the entire manual before assembly to familiarize yourself with the product. Actual assembly of the chair should take approximately ½ hour to an hour depending upon your experience. Having two persons available to help with the assembly is helpful but not necessary. All assembly is done with Split Tee's.

### Tools Required:

3/8" Wrench  
5/8" Wrench  
9/16" Wrench  
5/32" Allen Wrench

Refer to the drawings for ease of assembly. Keep all hardware hand tight until assembly is complete.

**Step 1.** Locate the Rear Legs (#4) and the Cross Brace (#5). Attach the Cross Brace with Split Tee's.

**Step 2.** Locate and attach the Lower Horizontal Supports (#6) to the Rear Legs (#4).

**Step 3.** Locate the Front Legs (#1). Orient them as shown in the picture. Secure them to the Rear Legs as shown in Figure 1.

**Step 4.** Install the Step Treads using the Step Hardware supplied. You can now stand the unit up on the deck.

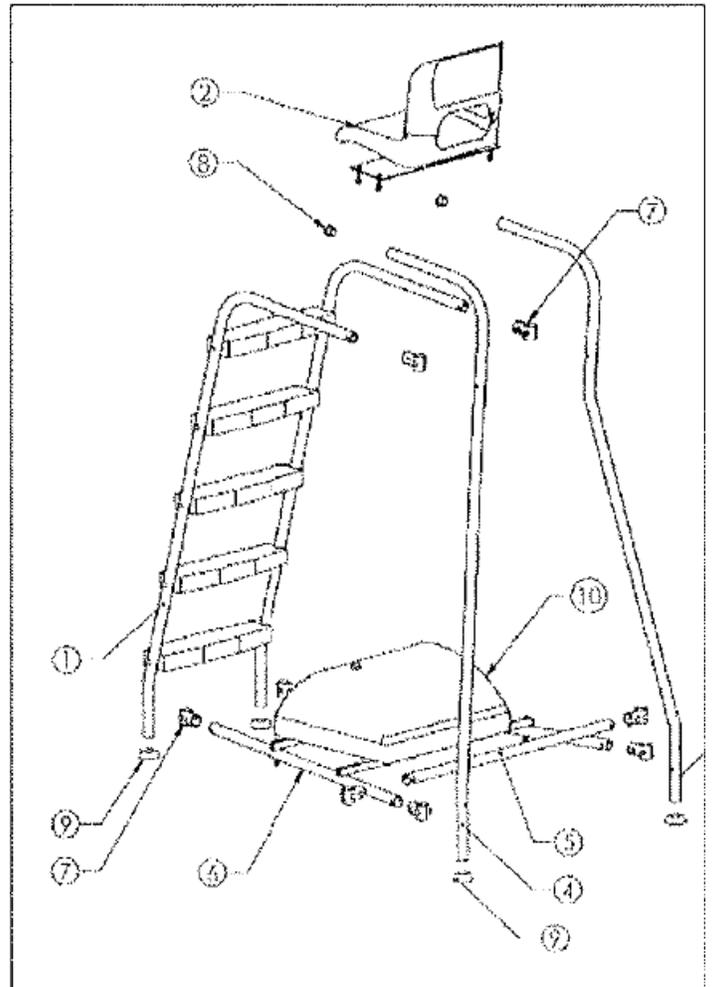
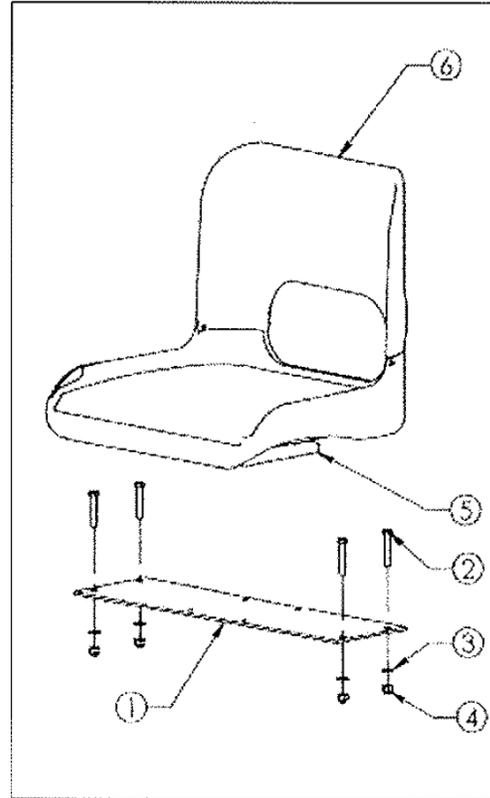


Figure 1

**Step 5.** Attach the Seat to the Seat Support using the 1/4" Hardware supplied

**Step 6.** Attach the Seat Support to the top of the Front Ladder Supports.

**Step 7.** Finish the assembly by tightening all Hardware.



**Figure 2**

### **The Importance of Proper Care and Cleaning:**

In spite of high resistance to corrosion, the 300-series stainless steel used in Spectrum products can be compromised in several ways. Iron-based rust can occur, regardless of the fact that being a nickel alloy, stainless steel does not ordinarily rust. This type of corrosion can happen by coming into contact with Halogen Salts (Chlorine and Bromine). Surface contamination and the formation of deposits are critical factors as well, which may lead to drastically reduced life of the product. Certain working environments can create more aggressive conditions, such as warm, high humid atmospheres above indoor swimming pools. These environments can increase the speed of corrosion, thus increasing the need for upkeep. Advice is often sought concerning the frequency of cleaning stainless steel surfaces, and the answer is quite simply “clean the metal when it is dirty in order to restore its original appearance”. This time line could range from as often as once a day to as little as four times a year.

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

While the surface appearance of stainless steel products is attractive and hygienic, it cannot be regarded as completely maintenance free. All grades of stainless steel may in fact stain, discolor or attain an adhering layer of grime in normal service. To achieve the maximum corrosion resistance, the surface of the stainless steel must be kept clean. Providing cleaning schedules are carried out regularly, good performance and long life will be achieved. The cost and frequency to maintain the appearance of stainless steel is generally less in comparison to other materials. These costs often offset the higher initial costs associated with stainless steel products.

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

A technique known as passivation can be used to provide a chemically clean surface that will aid in the re-formation of the surface oxide layer. The oxide film forms naturally on clean surfaces exposed to the atmosphere, but contact with acid mixtures containing oxidizing agents can enhance its formation. An acid wash also serves the important function of dissolving any free-iron contamination on the surface of the stainless steel. Passivation is therefore recommended as a cleaning procedure to remove rust spots and free-iron deposits. Passivation is the removal of iron or iron compounds that build up on the surface of the stainless steel by means of a chemical dissolution. Periodic cleaning with Spectra-Clean™

System 1, Spectrum Part Number 202050-00, is recommended for stainless steels that are used in commercial aquatic facilities.

The use of stainless steel in the manufacturing of swimming pool equipment has a long successful history. With an understanding of its care and maintenance it will provide you years of service.