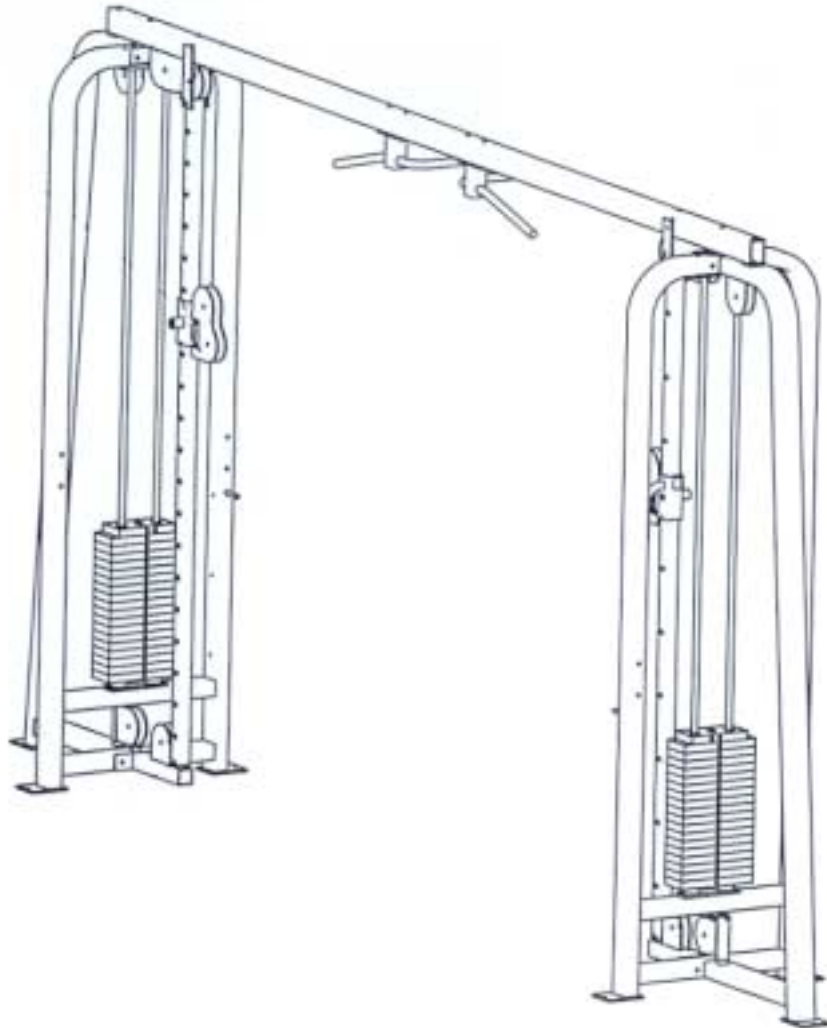




**2 STACK MULTI-JUNGLE (SM21)  
WITH 2 ADJUSTABLE PULLEYS  
UNPACKING AND ASSEMBLY INSTRUCTIONS**

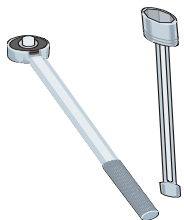


The SM21 comes partially assembled. Follow the steps below to complete the assembly.

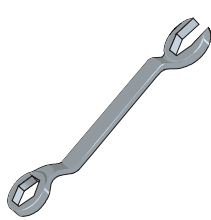


**WARNING:** COMPONENTS OF THE SM21 ARE LARGE AND HEAVY. USE CAUTION WHEN ASSEMBLING THIS MACHINE.

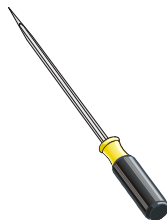
## MATERIALS AND TOOLS REQUIRED FOR ASSEMBLY



9/16"  
Socket wrench with  
extension



9/16"  
Combination  
wrench



Pinch bar

You will also need a ladder.

## ASSEMBLY TIME

Two people can accomplish this assembly in approximately 1 hour.

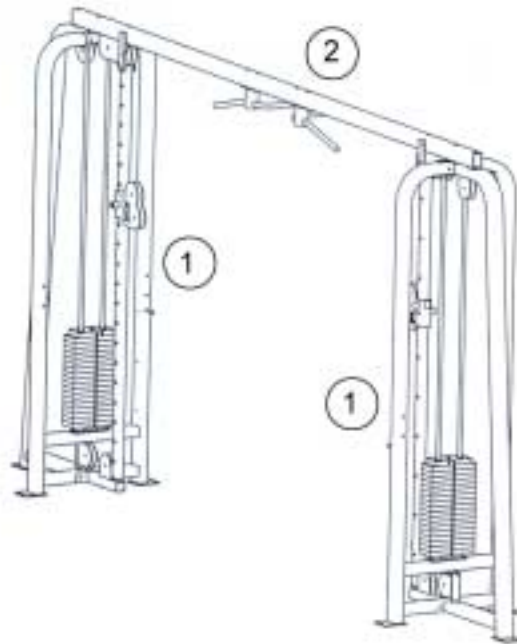
## UNPACKING

Follow the steps below when unpacking the components of the SM21.

1. **Cut off the shipping wrapper.**
2. **Remove the parts box and shipping boards.**
3. **Remove the items in the parts box.**

## ASSEMBLY

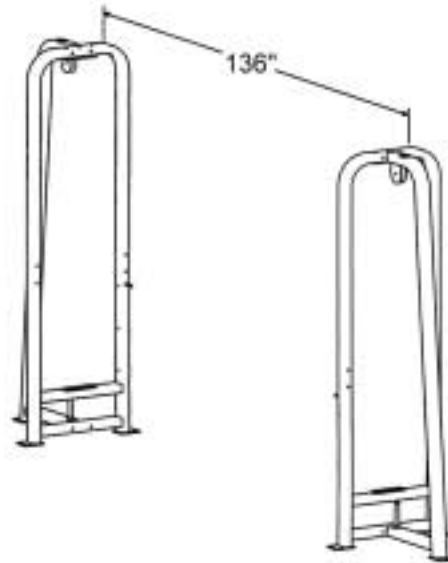
Figure 1 shows an assembled SM21.



**Figure 1. SM21 main components (cables removed for clarity).**

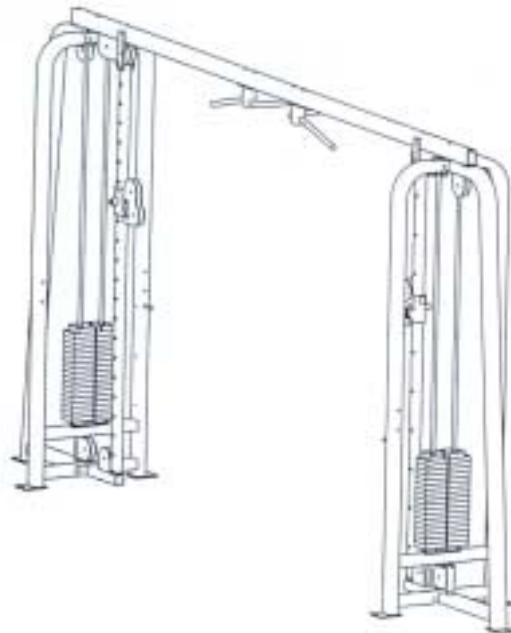
1. 1 stack cell (2)
2. Connecting beam

1. **Place the two weight “cells”** in their final resting spots. The cells will be approximately 11’4” apart as shown in Figure 2.

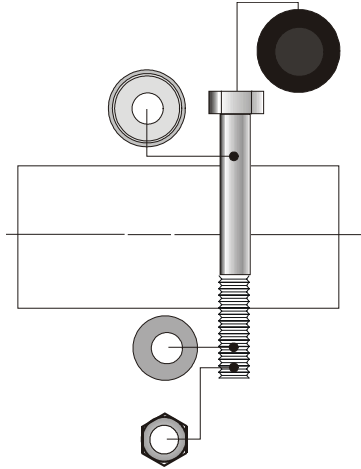


**Figure 2. Set the weight stack cells.**

2. **Bolt on the connecting beam** using a 5/8" socket with extension and combination wrench, to the cells using the four 7/16" x 6" bolts, 7/16" washers, and 7/16" nuts, end cap washers and end caps. Figure 3 shows the connected cells. You may wish to use a pinch bar to align the bolt holes.

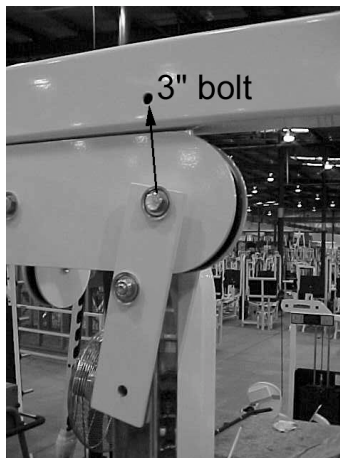


**Figure 3. Bolt on the connecting beam.**



**Figure 4. Configuration for 6" bolts.**

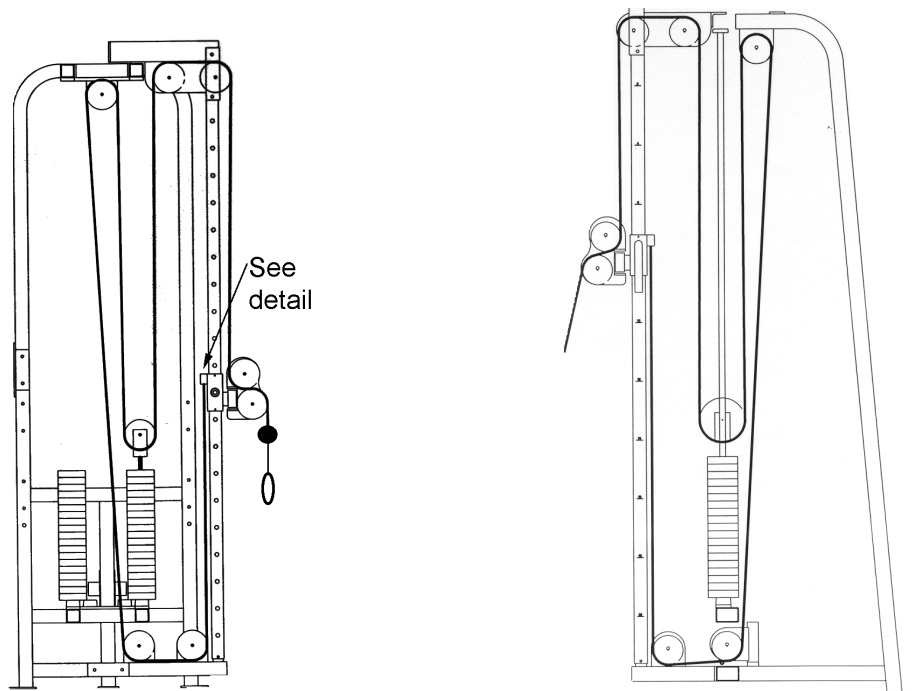
3. **Mount adjustable pulley brackets.** When shipped, the adjustable pulley brackets look like the ones shown in Figure 5. The bolts need to be removed and the bracket needs to be positioned so that the top of the bracket is in the top hole as shown by the arrow in Figure 5. Use a 3" bolt with flat washers, end cap washers and end caps. When you remove the bolts, leave the pulley bolt and pulley out since you will need to thread the cable with the pulley removed.



**Figure 5. Mount adjustable pulley bracket.**

## ADJUSTABLE CROSSOVER CABLE ROUTING

**NOTE: THE INFORMATION BELOW IS FOR REFERENCE ONLY. THE CABLES ON THE SM21 HAVE BEEN INSTALLED AT THE FACTORY.**



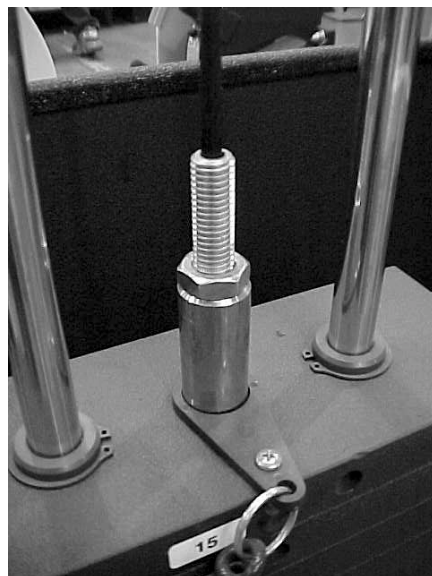
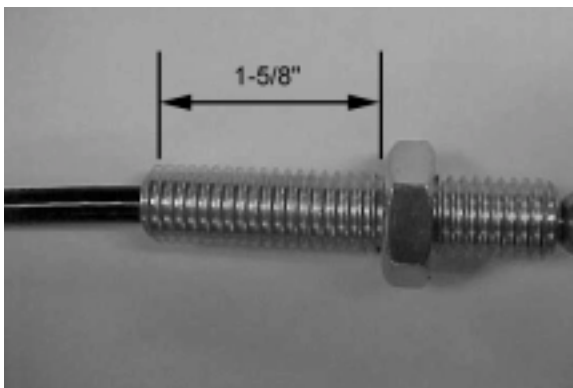
**Figure 6. Adjustable crossover cable routing.**



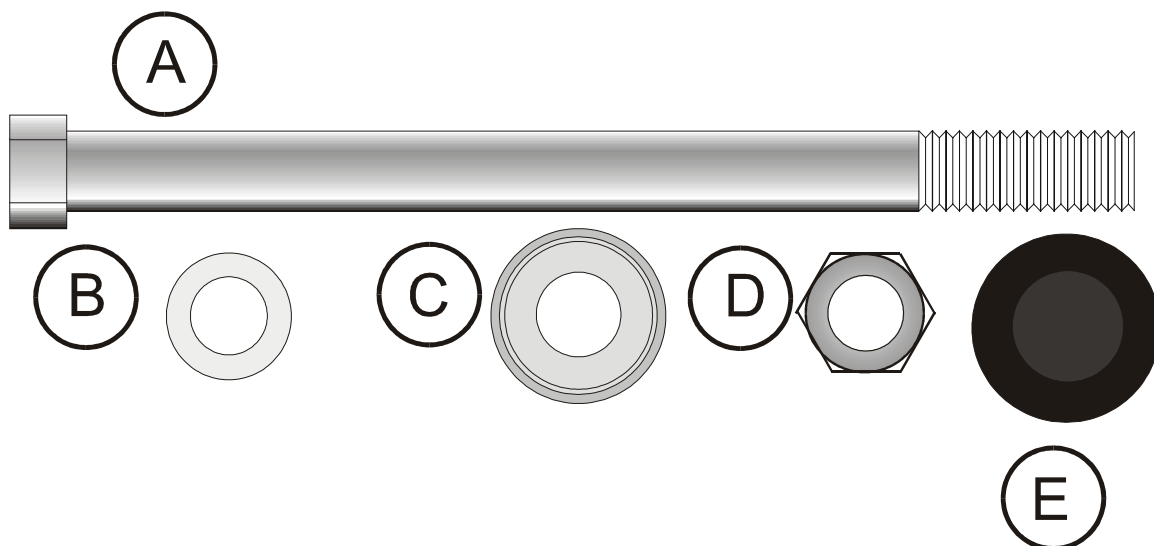
**Figure 7. Adjustable crossover cable end detail.**

Using a 7/8" wrench, tighten the jam nut onto the adjustable pulley threads as shown in Figure 7. Place a rubber cap on the top of the cable as shown in Figure 7 (right).

Bolt the cable to the weight stacks as shown in Figure 8. Thread the 7/8" nut up on the cable bolt as shown at left. Screw the bolt down into the weight stack as shown at right. Tighten the bolt with a 7/8" combination wrench.



**Figure 8. Screw the cable into the weight stack.**

**HARDWARE****Hardware Figure 1. Assembly Parts.**

The parts shown in Hardware Figure 1 are used to assemble the SM21. They are:

- A. 7/16" x 6" hex head bolt (used to bolt connecting beam to the tops of the cells)
- B. 7/16" flat washer
- C. 7/16" cap washer (use on head end of the 6" bolt so end cap will fit on the nut)
- D. 7/16" hex head nut
- E. End caps (bolt covers)

**PARTS LIST** Hardware Kit: SK50-S0080-0000

Part #	ID	Description	Quantity
	<b>Main components</b>		
	1	1-stack cell	2
	2	Connecting beam	1
0017-00101-1561 0017-00104-0363 0017-00104-0366 0017-00103-0233 0017-00042-0969	<b>6" bolt hardware</b>		
	A	7/16" x 6" hex head bolt	4
	B	7/16" flat washer	4
	C	7/16" cap washer	4
	D	7/16" Nyloc nut	4
	E	End caps	4
	<b>Handle and bar hardware</b>		
		Safety carabiner	2
		Crossover handle	2
		Leg strap	1