

## Installation instructions for Model #SS6 Slingshot

1. Unpack all items and check quantities for each item.
2. **\*\*Always call Dig-Rite prior to digging.\*\***
3. Select location and dig 2' x 2' square hole, 40" deep. Always bell out bottom of hole for extra stability. **\*\*This step is important to ensure proper function.\*\***
4. Assemble J-Bolts ( S ) into template as shown
5. Mix concrete as concrete packaging instructs. Preferably, mix slightly wetter than recommended to make it easier to settle concrete into hole.
6. Pour concrete (20-22 80lb bags) and set J-Bolt assembly as shown in drawing keeping template square in the direction the board is going to face.
7. **\*\*Allow 5-6 days for concrete to cure completely\*\***
8. Remove 5/8" whiz nuts and discard template.
9. Thread 5/8" whiz nuts ( U ) upside down and flush top of nut level with the playing surface.
10. Install 6" x 6" post ( D ) over J-Bolts ( S ), slide angles to rear, and place 5/8" nuts ( U ) to secure post finger tight.
11. Plumb post using nuts ( U ). Don't worry about getting it perfect, you will make adjustments later.
12. With proper scaffold and two men, install 2 mitered braces ( C ) with clips, using 4 1/2" x 1 1/4" machine bolts. Get bolts finger tight.
13. Install yoke clip ( J ) between mitered braces using 2 1/2" x 4" machine bolts ( N ) and 2 1/2" whiz nuts ( V )
14. Using hole closest to center of Extension Bar ( F ), install 2 bushings ( T ), then set Extension Bar ( F ) in Yoke Clip using 1 1/2" x 5 1/2" machine bolt ( P ) and 1 1/2" whiz nut ( V ). Tighten clip until it no longer moves freely.
15. Put Slide Clip ( H ) into slide angles on Post Stem ( D ) and thread 2 1/4" x 1/2" machine bolts ( Z ) in bottom of slide angles. Snug, but do not over-tighten, bolts.
16. Using Jack and Jack Extension ( G ), install 1 1/2" x 4" machine bolt ( N ) with 1/2" whiz nut ( V ) and install jack extension into clip at top of Post Stem ( D ).
17. Install 2 bushings ( T ) into Adjustment Arm ( I ) with clip down and pointing to Post Stem ( D ). Insert end into clip on bottom of Extension Bar ( F ) using 1/2" x 3 1/2" machine bolt ( Q ) and 1/2" whiz nut ( V ).
18. Take Adjustment Arm ( I ) and line up Jack ( G ) and Slide Clip ( H ) and insert 1/2" x 3 1/2" machine bolt ( Q ) through all 3 parts using 1/2" whiz nut ( V ).
19. With all components together, lower the front of Extension Bar ( F ) as low as it will go using Jack ( G ). (Lowering extension bar will help the rest of the install go easier.)
20. Install 8 bushings ( T ) into Top Braces ( E ).
21. Install Top Braces ( E ) onto top of Mitered Brace ( C ) using 1/2" x 4" machine bolts ( N ) and 1/2" whiz nuts ( V ).
22. Bolt Direct Mount Clip ( K ) through 501M ( A ) and Rim ( B ) using 3/8" x 2 1/4" machine bolts ( X ) and 6 3/8" whiz nuts ( W ). Tighten bolts.

23. Bolt Top Brace Clips ( L ) to top of 501M ( A ) in upper corners using 4 3/8" x 1 1/2" carriage bolts ( R ) and 4 3/8" whiz nuts ( W ). Tighten finger tight.
24. Now you are ready to set 501M Board ( A ). This will require proper scaffold built so that when 501M ( A ) is set onto it, Direct Mount Plate ( K ) will line up with Extension Bar ( F ).
25. After scaffold is set and 501M ( A ) is in place, insert 1/2" bushings ( T ) into Extension Bar ( F ). Then insert 1/2" x 5" machine bolt ( O ) through Direct Mount Plate ( K ) and Extension Bar ( F ). Use 1/2" whiz nut ( V ) and tighten until it no longer moves freely.
26. Using 1/2" x 4" machine bolt ( N ) connect Top Braces ( E ) to Top Brace Clips ( L ). Using 1/2" whiz nut ( V ) tighten same as Step 25. Center Top Brace Clips on key slots and tighten.
27. Raise until Extension Bar ( F ) is level and check Rim ( B ) for level.
28. Once rim is level, tighten all remaining components as in Step 25.
29. Check 501M ( A ) for plumb. If adjustment is needed, they can be made on the Stem Post using the same process as in Step 11.
30. Once 501M ( A ) and Rim ( B ) are level and plumb, tighten 5/8" whiz nuts.
31. Raise until top of Rim ( B ) is at exactly 10' above the playing surface. Apply Height Sticker ( Y ) to Post Stem ( D ) as shown in drawing.
32. Double check all connections to ensure tightness.
33. Lower unit and install net, and your unit is now ready for use.

