

# Bedrock Climber — Twist'n Turn

**Parts Required:** Refer to Suggested Parts List on last page. Hardware & Pipe may be provided by the installer or is available from SPI Industries.

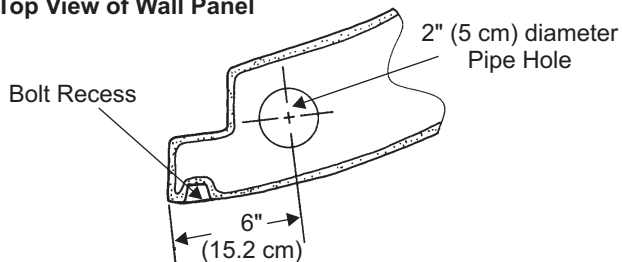
## Step 1 —

Align the *Wall Panels* on the ground in the desired layout such as the Twist'n Turn Wall or S-Bend Twist'n Turn Wall.

Fit *Wall Panels* together and drill 1/2" (1.2 cm) holes through all *Bolt Recesses* **except** the ones that will be at the ends of the wall.

Drill 2" (5 cm) *Pipe Holes* a distance of 6" (15.2 cm) from the panel end through the top and bottom of the panels.

### Top View of Wall Panel

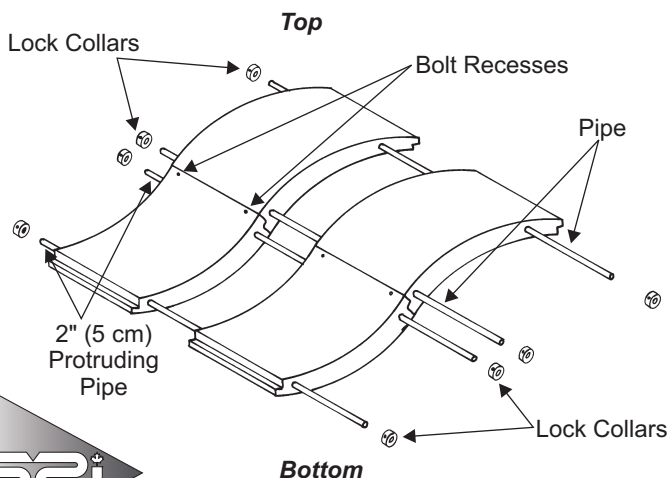


## Step 2 —

Slide the pipes through the *Pipe Holes* (two pipes/panel). Leave an excess of approximately 2" (5 cm) of pipe at the top for *Lock Collars*.

**Note:** The *Wall Panels* are shown on their side for assembly purposes.

### Twist'n Turn Layout Shown



## Step 2 — Continued

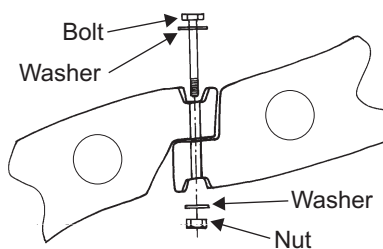
Position *Wall Panel* sections and joints as tight together as possible.

Loosely bolt the *Wall Panels* together by placing a 5" long by 3/8" bolt through the *Bolt Recesses* with a washer under each bolt head and nut.

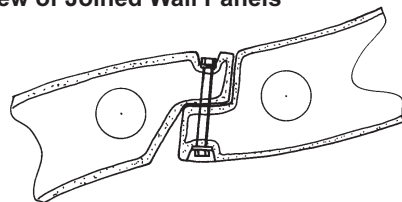
Slide *Lock Collars* over both the top and bottom ends of the pipe and lock in place.

Tighten the 5" bolts ensuring that everything fits tightly and there are no gaps.

### Top View of Wall Panels



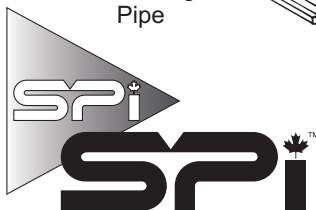
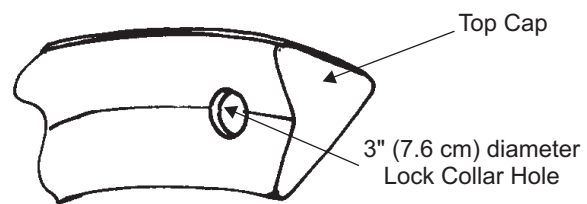
### Top View of Joined Wall Panels



## Step 3 —

Position the *Top Caps* over the *Wall Panels* and mark the locations for the *Lock Collar Holes*.

Use a 3" (7.6 cm) hole saw to drill *Lock Collar Holes* through the bottom of the *Top Caps*.

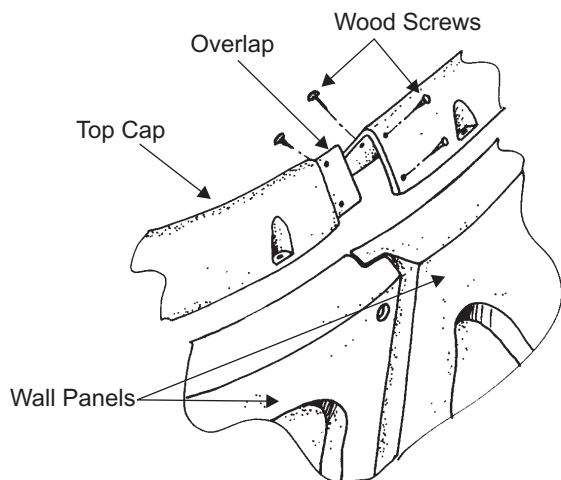


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## Step 4 —

Re-position *Top Caps* over the *Wall Panels* aligning *Lock Collars* with *Lock Collar Holes*. Cut out the end of the adjoining *Top Caps* to permit overlapping.

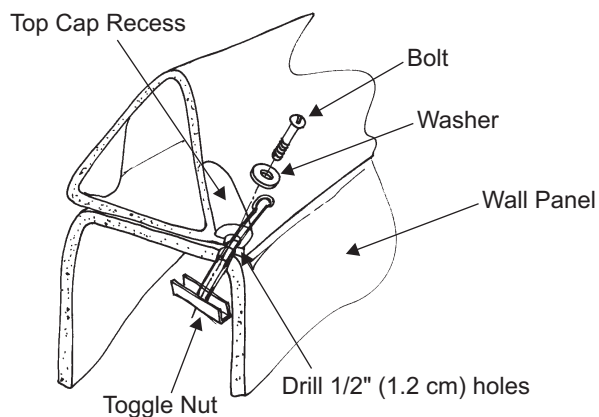
Loosely install *Wood Screws* into the *Top Cap Overlap*. Do not screw tight at this point.



## Step 5 —

Drill 1/2" (1.2 cm) diameter holes through *Top Cap Recesses* and *Wall Panels*. Using 1/4" *Toggle Nuts* and *Bolts*, secure *Top Caps* to *Wall Panels*.

Fasten *Top Cap Overlaps* using *Wood Screws*, as previously shown in **Step 4**.



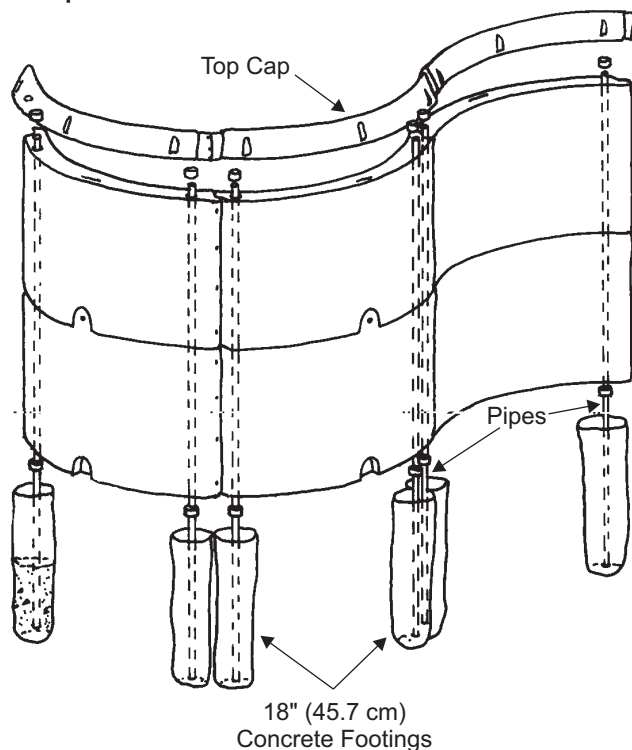
## Step 6 —

Using the assembled *Bedrock Climber*, mark the footing locations. Dig *Footing Holes* suitable for a minimum depth of 18" (45.7 cm) of concrete. Set the *Bedrock Climber* into the *Footing Holes* and level the structure.

Pour concrete to a minimum depth of 18" (45.7 cm).

Backfill all holes and place a minimum depth of 10" (25.4 cm) of pea gravel fill or 12" (30.5 cm) of sand fill around the *Bedrock Climber* to a distance of 6' (1.8 m) from the structure.

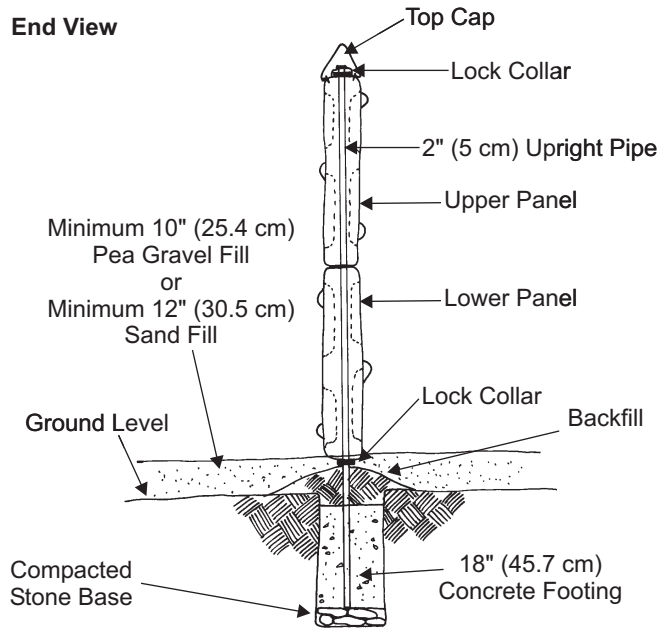
## Completed S-Bend Twist'n Turn



Installation Instructions



# Bedrock Climber — Twist'n Turn



## Suggested Parts List — Twist'n Turn

Quantity	Part	Description
4	BRC	Bedrock Climber Panel
2	BRC-CAP	Bedrock Climber Cap
8	HW-75-8	Locking Collar
12	HW-T2P	Hardware: 1/4" -20 Toggle Nuts, 1 1/2" x 1/4" -20 Bolts, 1/4" Flat Washers
4	HW-MISC	#10 x 1 1/2" Wood Screws
4	HW-MISC	Hardware: 5" x 3/8" Bolts, 3/8" Nuts, 2 of 3/8" Washers
4	PIPE	10 foot length 1.9" o.d. Galvanized Pipe

## Suggested Parts List — S-Bend Twist'n Turn

Quantity	Part	Description
6	BRC	Bedrock Climber Panel
3	BRC-CAP	Bedrock Climber Cap
12	HW-75-8	Locking Collar
18	HW-T2P	Hardware: 1/4" -20 Toggle Nuts, 1 1/2" x 1/4" -20 Bolts, 1/4" Flat Washers
8	HW-MISC	#10 x 1 1/2" Wood Screws
4	HW-MISC	Hardware: 5" x 3/8" Bolts, 3/8" Nuts, 2 of 3/8" Washers
6	PIPE	10 foot length 1.9" o.d. Galvanized Pipe

**Note:** The base of the structure must have a recommended minimum depth of 10" (25.4 cm) of Pea Gravel or 12" (30.5 cm) of Sand as a "loose fill". This base should extend 6' (1.8 m) past the structure in all directions. This will create a safety area to ensure the safe use of the Bedrock Climber. The Bedrock Climber complies with Canadian CSA Standards (CAN/CSA-Z614-98) as well as American ASTM Standards (ASTM-F-1292).

**Note:** These recommended minimum depths are to be used in all Bedrock Climber installations.



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Created: March 8, 2000

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