

PVC Swift



Head:

1 3/4" 45 degree angle	4 1/2" end caps
4 3/4" to 1/2" 90 degree angles	1 1" 4 way connector
1 2 1/2" #10 screw	2 washers to fit screw
1 locknut to fit screw	1 3/4" end cap
20" of 1" pvc pipe with 3/4" inside diameter	32" of 3/4" pvc pipe
20" of 1/2" pvc pipe	

Cut the 1" pipe into four 5" sections, the 1/2" pipe into four 5" sections and the 3/4" pipe into four 8" sections.

Drill a hole in the 4-way connector and the 3/4" end cap for the screw. Screw the 4-way connector to the end cap.

Place the end cap in the 3/4" 45 degree angle.

Put a 90 degree angle on one end of each of the 3/4" pipes and insert the 1/2" pipe into them.

Place the 1/2" end caps on the pipes.

Put the 1" pipe into the 4-way connector and slide the 3/4" pipe into it.

The 1" and 1/2" pipes can be glued to the connectors and angles if you want. **DO NOT GLUE THE 3/4" PIPE TO THE 1"**, as it must slide in and out to allow you to adjust the size of the swift arms.

Base:

Patio block of your choice	3/4" end cap-make sure it is flat
1 #10 screw that is long enough to go through the patio brick.	1 locknut to fit screw
	3/4" pvc pipe

Drill a hole through the patio block and the end cap.

Screw them together.

Insert a piece of 3/4" pvc pipe of the length needed so that the head is at the level you want.