

### Tools Needed

Drill with phillips bit, level, adhesive, thread lock, masking tape, screws and allen wrenches and of course *Ole Iron Slides™*.



### Step: 1

Apply masking tape to sides of rail and edges of treads to mark centers of old balusters.



### Step: 2

Use a level to mark centers at top and bottom of balusters.



### Step: 3

Mark the center of the old balusters on the masking tape.

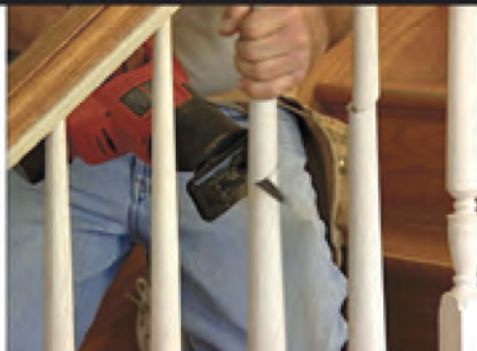


### Step: 4

Cut out old balusters. Do 4 or 5 balusters at a time so current handrail remains supported.

#### Helpful Hint:

You can use long handled pruning shears to cut balusters out in most cases, cutting down on dust and time.



### Step: 5

Apply Liquid Nails® or a polyurethane adhesive on bottom of swivel base.



### Step: 6

Run screws through the swivel base into tread.



### Step: 7

Apply same adhesive used on base to the swivel head on top then telescope baluster towards top of underside of handrail.



### Step: 8

Screw top of *Ole Iron Slides™* swivel base in using 2 screws.

**Note:** Going up stairs, one of the holes, usually the lower one, may be hard to get at. You can put the top screw in and let the adhesive bond and then come back and totally remove the set screw at top and move the bar out of the way to get at the other screw. Then put *Ole Iron Slides™* back together and tighten set screw.



### Step: 9

Go through and tighten the 3 set screws, one top base, one on knuckle towards the bottom and one on the bottom base. It is suggest to use a thread locking liquid on set screws.

**Note:** Don't put thread lock on swivel top until both screws are in.



#### Helpful Hint:



If holes are too deep for screws to grab hold, insert a small dowel that can be glued and tapped down either flush or just below the working surface.