

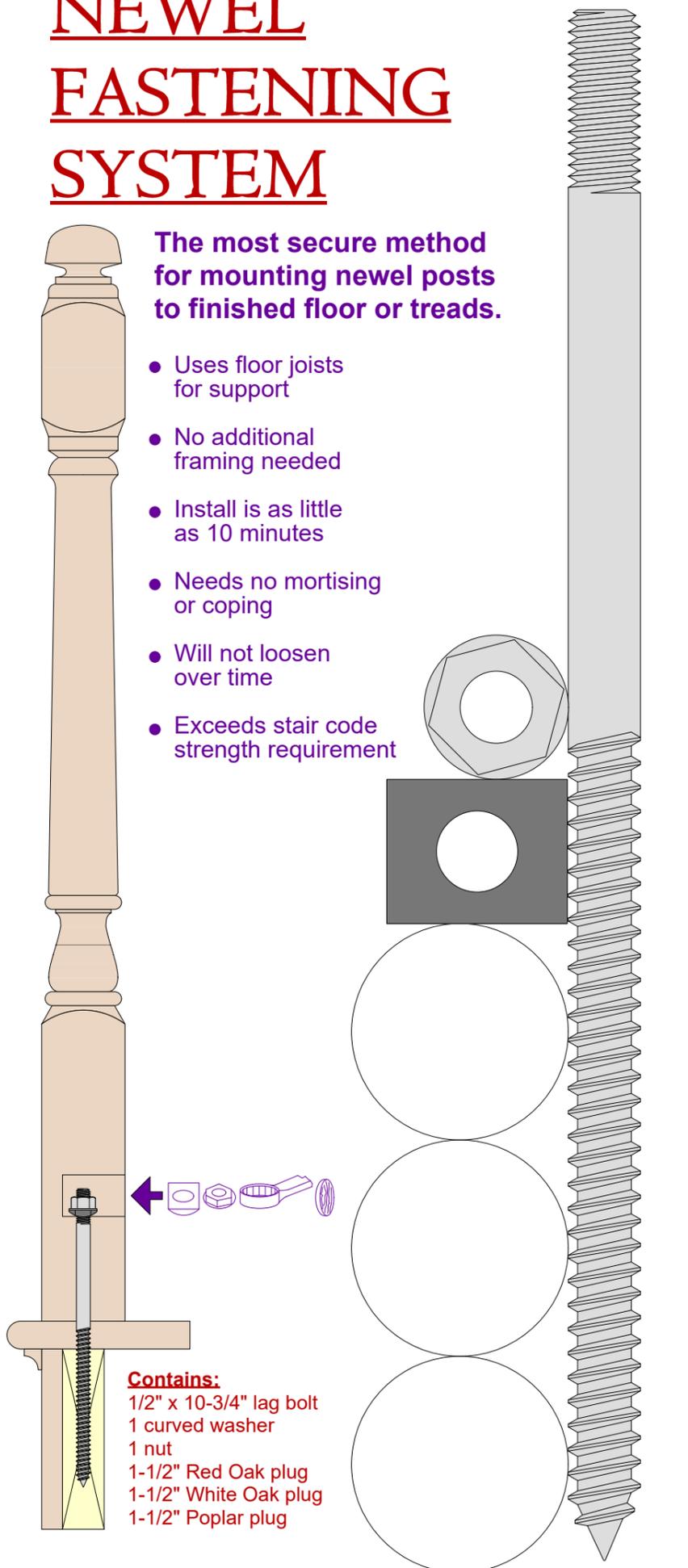
FRONT

 LEGACY STAIRS
& MILLWORK, INC

NEWEL FASTENING SYSTEM

The most secure method for mounting newel posts to finished floor or treads.

- Uses floor joists for support
- No additional framing needed
- Install is as little as 10 minutes
- Needs no mortising or coping
- Will not loosen over time
- Exceeds stair code strength requirement



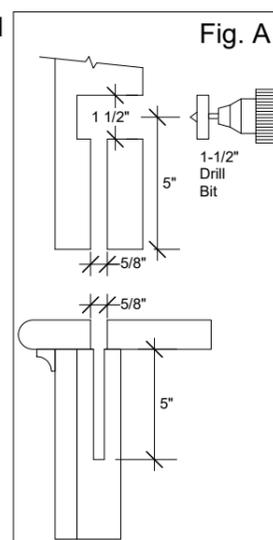
Contains:
 1/2" x 10-3/4" lag bolt
 1 curved washer
 1 nut
 1-1/2" Red Oak plug
 1-1/2" White Oak plug
 1-1/2" Poplar plug

BACK

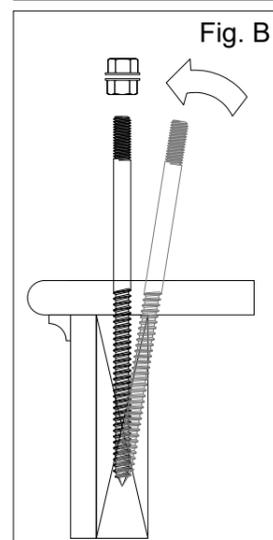
Installation Instructions For Newel Fastening System

Tools Required - Drill bits 3/8", 5/8" 1-1/2" spade bits and a 3/4" box end wrench

Step 1. Locate and mark the center of the newel post location on floor or stair tread. Using a 5/8" spade bit, drill a hole at your center mark **ONLY** as deep as any landing tread or finished floor surface. Now using a 3/8" dia. bit extend the hole into the adequate bracing/blocking to a depth of approximately 5". (See Figure A)



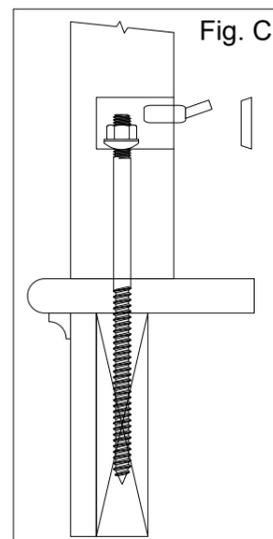
Step 2. Screw lag bolt into floor or tread and if necessary bend bolt plumb. **NOTE - 2 nuts may be used to create a temporary bolt head.** (See Figure B)



Step 3. Cut the newel post to length. Drill a 1-1/2" dia. access hole into side of newel post 5" from the bottom the bottom. Center the hole left to right. Drill the hole to a depth that is 1" from the backside of the post.

CAUTION! DO NOT DRILL THE 1-1/2" HOLE THROUGH THE POST.

Step 4. Drill a 5/8" dia. hole up the center of the newel post 5" deep to meet the access hole. Slide newel post over the lag bolt. Using the 1-1/2" access hole, place the washer and hex-nut on the machine threads of the bolt and tighten. (See Figure C)



Step 5. Make the newel plumb by sanding or trimming the bottom of the post to the needed angle. Reinstall the post over the lag bolt and tighten. **IMPORTANT:** Stress the newel post in all directions several times. Retighten the hex-nut with extra torque.

Step 6. Apply wood glue to the inside of the access hole. Tap the wooden plug in with the tapered edge facing in until the plug is almost flush with the face of the newel post. Let dry and sand flush.