

Installation Instructions for LJ-3008-10 Hanger Bolt Newel Mounting Kit

1. Locate and mark the center of the newel post location on the floor. 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 adequate bracing to a depth of approximately 5". (See Figure A)

2. Lock two hex-nuts together on the machine threads of the bolt. Screw the lag end of the bolt into the hole using a ratchet or drill and socket. Plumb the lag bolt by bending it as necessary. Remove the hex-nuts. Do not use hammer to plumb the lag bolt. (See Figure A and Figure B)

3. Cut the newel post to length. Drill a 1 1/2" dia. access hole into the side of the newel 5" from 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.**

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

5. Make the newel post 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.

6. Apply wood glue to the inside edge 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. Let dry and sand flush.

Tools Needed: 3/8", 5/8" and 1 1/2" dia. drill bits, and 3/4" box-end wrench and/or ratchet with 3/4" socket.

