

Installation Instructions for Floor Surfaces LJ-3008 Hanger Bolt Newel Mounting Kit

1. Locate and mark the center of the newel post on the floor. Using a 5/8" dia. bit, drill a hole at the newel center point 3/4" deep. Now using a 3/8" dia. bit, extend the hole into adequate bracing to a depth of approximately 11". A drill bit extension or special length bit is required. (See Figure A or Figure B.)

2. Lock two hex-nuts together on the machine threads of the bolt and screw the lag end of the bolt into the hole using a ratchet and socket. Plumb the lag bolt by bending it as necessary. Remove the hex-nuts. Note that the bolt can be made shorter if desired by trimming up to 2 1/2" off of the machine threads with a hacksaw.

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. Set the newel post over 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, drill extension, and 3/4" box-end wrench and/or ratchet with 3/4" socket.

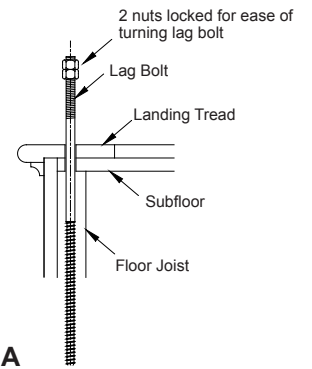


Fig. A

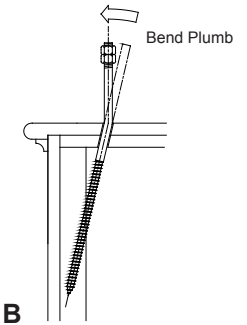


Fig. B

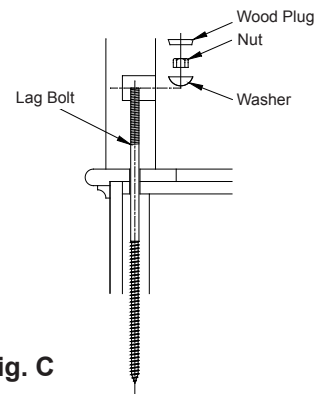


Fig. C