

Installation Instructions for 30" Diameter Infused Split Columns:

For joining the column halves together, we recommend PL Premium Advanced construction adhesive (supplied). We recommend polyester resin based automotive body filler (supplied) for final cosmetic blending. Use an abrasive blade to trim the shaft.

1. Measure the exact height at the location the column is to be installed. Column should be trimmed to 1/4" or 1/2" less than exact height. The capital will cover the gap so it won't be visible. Transfer this measurement to the column. Any excess must be trimmed from the bottom of the column.
2. Each column half has a re-attachment strip already secured with adhesive and screws. You may remove all screws to separate the column halves.
3. Trim the bottom of each column half to the correct length.
4. Install two L-brackets on each side of each column half, top and bottom. Pre-drill the column, attach angle brackets using through-bolts and secure with washers and nuts.
5. Dry-fit the column halves around the existing support. Carefully align the two halves together. Loosely install several nylon ratchet straps around the column halves to assist in securing the column halves. Straps may be necessary every 4 ft of column. One column half may now be secured to the top and bottom surfaces using the L brackets. (Make sure to maintain roundness as split columns are somewhat flexible)
6. Shift the unsecured column half a few inches, allowing enough clearance to apply the PL Premium Advanced construction adhesive to each flange. Apply two 1/4" diameter beads of adhesive to each attachment strip. One tube of adhesive should be enough to secure 24 lineal feet of seam. (See attached picture) Tighten all ratchet straps to assure a good joint.
7. Work quickly with enough help to fully assemble the column within a 30 minute period. Cure time will vary with temperature and humidity. Higher temperatures and humidity will accelerate the cure.
8. Using the existing screw holes, re-install the panhead screws to secure the joint until the adhesive has cured (at least 24 hours). If additional screws are necessary to make a smooth joint, pre-drill and countersink for installation of #6 stainless steel flathead screws that can be left in place.
9. Scrape off any excess adhesive.
10. Dry-fit a capital half and mark correct location on ceiling or beam. Apply PL Premium Advanced construction adhesive to the top surface of one half of the capital. Push the capital up against the ceiling surface being careful to align to your initial marks. Attach the capital with sufficiently long screws to securely hold the capital in position. Apply adhesive to the remaining capital half top surface and also the joint on each side.
11. Apply construction adhesive to the bottom of the base sections. Secure base sections with ratchet straps. Push the base down against the floor surface being careful to align the square portion of the base to the surface.
12. After the column adhesive has cured, the panhead screws can be removed and the joint finished with body filler. To finish the column joints, follow the body filler manufacturer's mixing recommendations. Work the body filler into the joints and screw holes with a plastic body filler spreader or piece of thin plastic. Feather out the body filler to cover the area, maintaining the radius of the column. The width of the body filler patch will probably be over 10 inches wide when complete.

13. After all of the body filler has cured, sand the joints smooth. If necessary, fill any low spots or imperfections with body filler. Sand again until smooth.
14. Install neck ring using adhesive and 1-3/4" self-drilling screws provided. See pictures 7-16.
15. Caulk the joint between the cap and the column shaft and the joint between the base and the shaft.
16. Column must be painted. Sand to remove all glossy areas. We recommend using a high quality primer and topcoat paint. Remove all dust and dirt before painting by thoroughly cleaning with a cleaner like Simple Green. Allow to dry completely before priming.



1) Box contents- neck rings, adhesive, screws. (quantities may be different)



3) Reinstall pan head screws on the column half just assembled with adhesive.



2) After trimming column sections to fit, apply adhesive to joints.



4) Mix body filler (supplied) according to manufacture's instructions and apply to joint. Make joint wide enough to make a smooth radius.



5) Smooth the body filler into a smooth radius using a thin sheet of plastic.

You may have limited working time after catalyzing the body filler. Do not try to patch too large an area.



6) Sand cured body filler. For best results, use care when sanding to maintain an even radius. Finish with 120 grit paper.



7) Draw a line around the top of the column 16" down from the top of the column. This is the suggested location for the bottom of the neck ring.



8) Apply adhesive to the trimmed neck ring half as shown above.



9) Using the 1-3/4" self-drilling screws, install the first neck ring half to the column, lining up the line to the bottom of the neck ring.



10) After installing the two screws in the center of the part, install the last two screws at the ends of the part. This sequence will result in a better fit.



11) Scrape off any excess adhesive.



14) Use saw to cut neck ring to fit.



12) Hold the untrimmed neck ring half in position so it can be marked for proper fit.



15) Check fit and install the second neck ring half with adhesive and screws.



13) Mark with a straight edge for best fit.



16) Apply a bead of good paintable exterior chalk at the top and bottom joint where the neck ring joins the column. Smooth bead for proper appearance.