



## INSTRUCTIONS FOR INSTALLING A BASE CAN EXTENSION IN A TWO PIECE BASE CAN

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1. Prior to beginning the AC overlay, run a string line from curb to curb so that the string falls directly over the center of each fixture. Do this for each run of fixtures. Carefully mark the top of curb and face of curb where the string line touches the curb. Recommend spray paint over the string so the point is as precise as possible.
2. Mark a point on each curb from which you will measure the distances to the fixtures.
3. From that point carefully measure the distance to the exact center of each fixture and record the distance.
4. When that has been completed, remove and disconnect each fixture and store them in a safe place.
5. Replace the fixture with the plywood base can cover and begin the paving project.
6. When the paving project has been completed, use the measurements recorded earlier to locate the exact center of each fixture and mark that spot on the pavement.
7. Using a piece of string 4-1/4" long from the center of the fixture draw a circle indicating the location of each fixture.
8. When that's completed, using a chisel and three pound ball, begin to chip out the asphalt from the center of the circle outward until the top of the mud dam on the top of the base can is completely exposed.
9. Remove the plywood covers and store them in a safe place for future use.
10. Remove the bolts connecting the top of the two part can to the bottom of the two part can.
11. Insert a couple of two inch bolts in the threaded holes that are parallel to the roadway (not the ones you will use to reinstall the fixtures).
12. Using the three pound ball, gently tap each of these bolts in a clockwise direction followed by a counter-clockwise direction until the galvanized steel base can separates from the surrounding concrete.
13. Lift the top of the base can out of the hole and insert the base can extension so it rests on the bottom of the two part base can. It may be necessary to ream out a couple of the bolt holes to remove the threading. The base can extension is threaded from the bottom. Insert and tighten the bolts from the bottom up, connecting the bottom of the base can to the base can extension.
14. Reinsert the top of the base can so that it rests on the base can extension and lines up with the roadway as it did before removal. Tighten the bolts connecting the top part of the base can to the base can extension.
15. Reconnect the fixtures and set them in the base can so the lenses are parallel to the roadway and bolt them down to the base can.
16. The extension would have a 3/8" top ring (tapped 3/8" holes) and a 3/8" bottom ring drilled to 7/16 for thru bolts. O/D is 8.25", ID 6.00", BC 7.00".