

## INSTALLATION NOTES:

## Lynch Suntubes (519) 680-7995

1. Gloves, safety glasses and fibreglass rated mask are recommended.
2. Written instructions are more detailed than the video you may have borrowed. Do not use the video as a substitute. Use it for visual reference only.
3. Fit the tube (it does come apart again) flashing together to see how the fit will be based on your roof pitch. Check for fit through the flashing based on the pitch (angle) of your roof. 1<sup>st</sup> make sure the tube will go through in the direction you intend. 2<sup>nd</sup> ensure the tube will be able to stand straight up with the flashing on the same angle as the roof. The flashing may need to be trimmed according to the instructions. Follow instructions for this and don't cut much off at a time. Attach the clamps if you like to see how they fit before you get to the roof. If necessary push top tube section up from bottom of detached flashing, attach flashing and push tube back down to join others.
4. Dark foam tape has now been replaced by fuzzy grey (more durable) tape.
  - Tape won't adhere in cold weather. Keep tube and tape warm (difficult) or attach indoors.
5. The tubing sometimes gets rolled tightly for packing, especially on the larger units. Try to gently get some of the roll out of the tube before assembly. This will result in a rounder tube. This is best done on a flat surface with 2 people to avoid kinking the tube section. A kink in the tube is not a concern unless it is significant (light blocking) or along a join. A bend along the join can easily be corrected gently by hand to allow for proper fit.
6. Using a sharp utility knife cut the protective film along the edges of the seam. Apply just enough pressure to cut film. This allows for much easier film removal.
7. Allow silicone to at least partially cure along the seam before final assembly. Less mess later.
8. When cutting the ceiling hole, try to get it just large enough to allow the crimped end of the tube to fit through. Tapering the hole so it is larger on the attic side helps with fitting.
9. The female (uncrimped) end of the tube section is best put at the top. The rib on the male end will sometimes not fit through the ceiling or the flashing if the fit is tight. Trimming of the flashing may be needed. Try to make sure that you can get the tubing through one end or the other. Otherwise you may have to insert it up through the roof and then down through the ceiling from inside the attic.
10. The measurement given for the top dome clamp often varies. The 8 ½ unit requires approximately 3 ½ above the flashing and the 13 unit requires 4. These are minimums and may be slightly different based on your fit. Ensure the dome is on snugly but not over tight. This is to be a breathable seal. Inspect the dome holders on the stainless steel clamp to ensure they were not bent outward prior to assembly. Bending tabs slightly inward and pre-shaping the strap to form circle helps. Carefully bend Scoop to shape of tube also.
11. When installing the inside diffuser dome mark one of the holes on the dome and note where this hole matches up to on your ceiling. This will remove frustration when attaching the dome, since the holes are not *exactly* ¼ of the way around from each other. Do not over tighten the screws on the dome. This is an expensive part to replace if broken. Remember – white gasket goes just on inside of holes on dome.
12. Remember to put the insulation in your attic back around the tube and fluff any insulation that got packed.