

Installing Door Knob Plates

Mounting the knob directly on the surface of the mirror. This is the cleanest looking installation, but it also has the most potential for problems. Be careful when choosing this method. Check the screw length to make sure they are long enough and that the lock will work as an additional 1/4" is needed for the mirror panel. Since the only cover for the drilled hole is the door knob, precision is required when locating and drilling the hole. You won't be able to shift the panel on the door because the hole may not line up or it might show.

When re-installing the door knob make sure not to tighten down too hard on the screws. Excess pressure on the mirror may cause cracking. Silicone around the inside edge of the hole will help relieve the pressure and allow the door knob to be tightened after it has set-up. You may also use vinyl tubing (Mirart #VT14) around the screws which will allow them to be tightened without causing excess pressure on the glass.

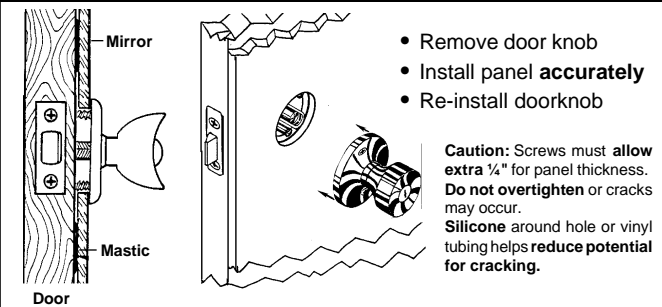
Mounting the knob on top of a Door Knob Plate (DKP). The addition of a door knob plate behind the lockset will make the job easier, but not without its share of problems. You will have to make sure the door knob can be extended 3/8" and will still work. You may need longer screws. Hole location and chipping of the drilled hole are not as important because you have additional coverage from the back plate. Keep in mind that the door knob should not be tightened hard against the mirror, but if you do, the pressure will be distributed over a larger area. It is also advisable to use the same methods as above to relieve the pressure against the glass.

If a piece of double faced tape is applied to the back of the door knob plate it will prevent it from dropping if the door knob screws loosen a little.

Leaving the door knob in place

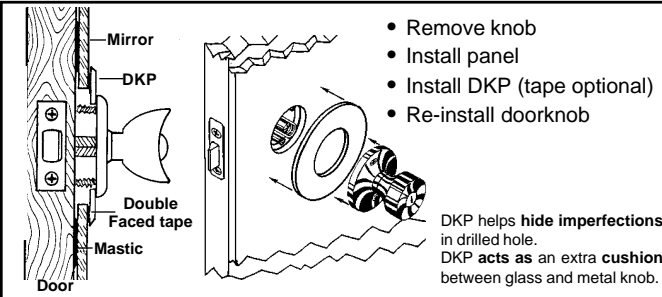
The easiest and safest method, almost idiot-proof, is when the lockset does not have to be removed. There's no chance of screwing up the re-installation. Mirror cannot crack due to over-tightening knob, and you won't need longer screws. Accuracy of hole location and drilling are eliminated. You must drill the hole larger than the door knob escutcheon. This will generally be between 2-1/4" to 3." All you have to do is tape the door knob plate in place after the panel is installed. As before, the standard rings with 2-1/4" or 2" holes.

The standard doorknob plates (Mirart #DKP - 2 1/4" ID) will work for most door knobs. Some of the newer knobs are smaller so we have a smaller ID plate available (Mirart #DKP2 - 2" ID) It will look better but you will have to make sure it will fit over the knob. If you need a custom size, we can make it to your specifications.



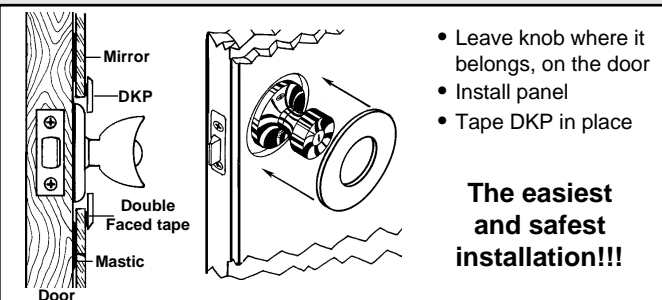
- Remove door knob
- Install panel **accurately**
- Re-install doorknob

Caution: Screws must allow extra 1/4" for panel thickness. Do not overtighten or cracks may occur. Silicone around hole or vinyl tubing helps reduce potential for cracking.



- Remove knob
- Install panel
- Install DKP (tape optional)
- Re-install doorknob

DKP helps hide imperfections in drilled hole. DKP acts as an extra cushion between glass and metal knob.



- Leave knob where it belongs, on the door
- Install panel
- Tape DKP in place

The easiest and safest installation!!!

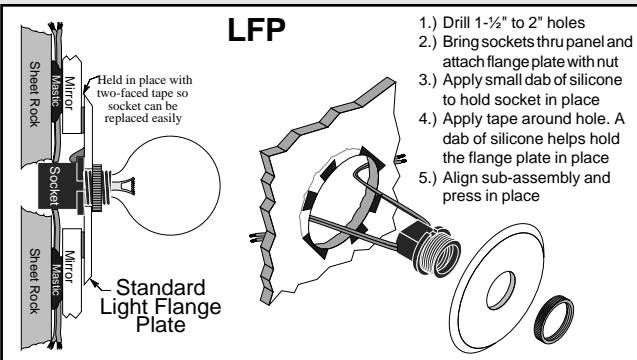
Installing Light Flange Plates

Now there are two choices in Light Flange Plates.

Our standard light flange plate (LFP) allows you to drill a 1-1/2" to 2" hole in the mirror and have sufficient coverage for any chips around the hole. Its major advantage is you can replace the socket without having to take the panel down. But if the double faced tape is not installed properly, the flange plates can loosen. Our second type, the threaded light flange plate (LFPA), allows you to drill a smaller hole in the mirror. It also allows you to install the socket directly on the panel, which is the preferred method because it locks the socket onto the glass. Drill holes in desired locations in the mirror, either 1 3/16" or 1-1/2" depending on the flange plate you are using. Our CS44 socket sets are spaced on 7" centers but we recommend you don't space your holes wider than 6" so you have enough space to properly install the sockets. A small dab of silicone, when cured, will prevent rotation of the sockets when your customer changes light bulbs.

After installing the sockets on the mirror, it might be a good idea to make sure they all work, before the panel is installed. Please note: the sockets are UL listed - by the Leviton Manufacturing Company- #E-13400, but the method you are using to install them may not conform to your local building codes. We suggest you make all connections permanent using crimp connectors that have been coated with Mirart Glue or silicone. It is your responsibility to make sure the installation complies with local ordinances.

The preferred method to install the panel is to frame out the wall with 1x3 or furring so that the panel stands off the back and allows adequate clearance for sockets. The exposed wood sides can be covered with 3/4" strips of mirror or Mirart's plastic chrome edging tape. If your customer will allow it, you can punch holes in the wall or remove a section of the sheetrock to allow for clearance of the sockets behind the mirrored panel. We also prefer to install the panel with mirror clips or J-bar on the bottom and rosettes on top. Of course mastic will give you a cleaner look, but it is difficult to remove the panel if it becomes necessary to get to the wiring.

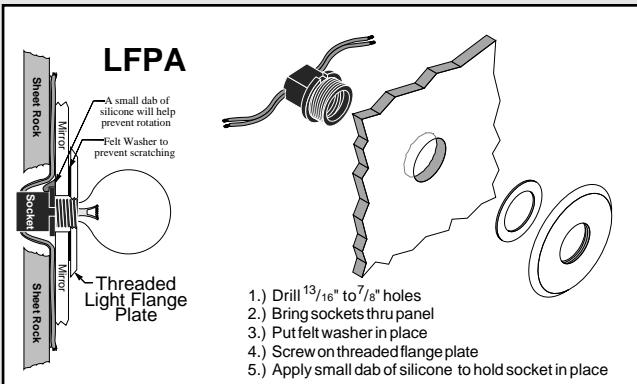


LFP

- 1.) Drill 1-1/2" to 2" holes
- 2.) Bring sockets thru panel and attach flange plate with nut
- 3.) Apply small dab of silicone to hold socket in place
- 4.) Apply tape around hole. A dab of silicone helps hold the flange plate in place
- 5.) Align sub-assembly and press in place

Held in place with two-faced tape so socket can be replaced easily

Standard Light Flange Plate



LFPA

- 1.) Drill 1 3/16" to 7/8" holes
- 2.) Bring sockets thru panel
- 3.) Put felt washer in place
- 4.) Screw on threaded flange plate
- 5.) Apply small dab of silicone to hold socket in place

A small dab of silicone will help prevent rotation. Felt Washer to prevent scratching

Threaded Light Flange Plate