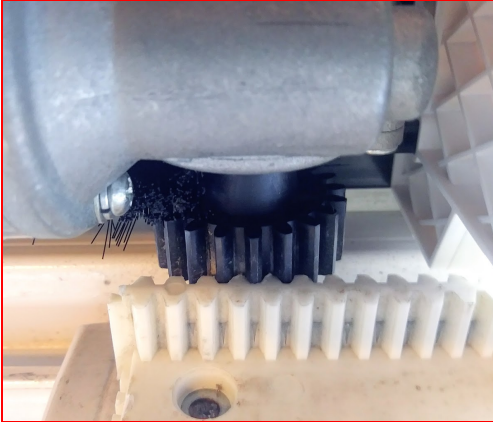


## Advanced AutoSlide Installation: Using Shims and Spacers

### Incorrect Meshing:

The gear should have as much intersection with the track as possible. A partial mesh of the gear and the track may work initially, but can reduce the lifespan of the unit and its parts, and cause grinding.



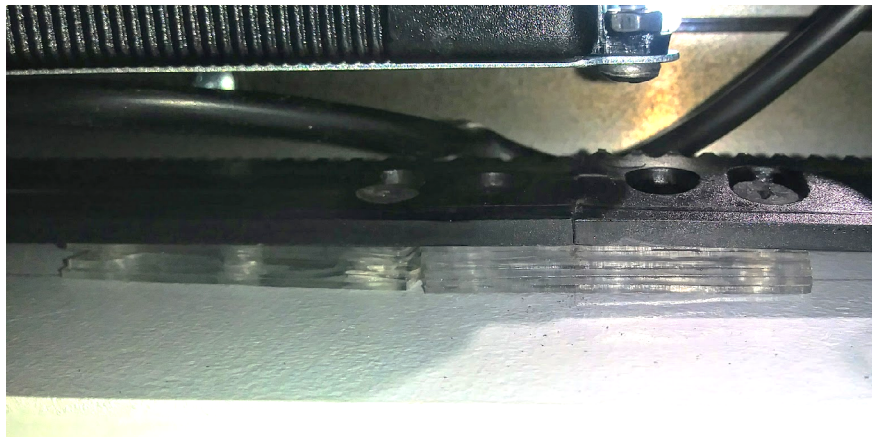
### Shims:

Shims can be used to extend out the tracks from the door's surface in order to meet the wheel of the motor, and can be used to let the tracks fully engage the wheel. Be sure to measure the shim thickness needed prior to purchasing. Shims can be made from various materials - aluminum, wood, and plastic are the most popular options, which you can purchase at most local hardware stores such as Lowe's and Home Depot. For specific plastic shims, we'd recommend Tap Plastics at their website [www.tapplastics.com](http://www.tapplastics.com)



### Spacers (if provided):

An alternative solution is to use sets of spacers (thin individual plastic tabs with pre-cut drill holes) to extend out the tracks. These stacked spacers are put at every point the track is drilled/mounted to the door to extend it out the exact distance needed. *Note that if spacers are only used at the ends of the tracks and not the middle, the middle of the tracks may become warped inward.* To counter this, be sure to use spacers at multiple points evenly throughout.



### Correct Meshing:

The gear should be as fully engaged with the track as possible to prevent slippage, which can lead to grinding and upsets the calibration of the unit. A complete mesh has the most grip, and is the sign of a good install.

