

# SkyLift Standard & Heavy Duty Riser Installation Instructions

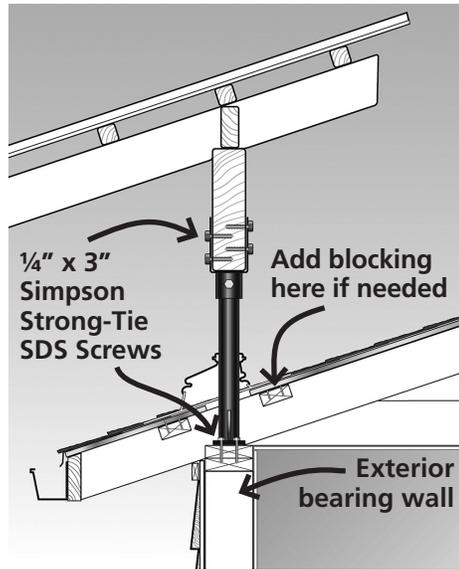
## PARTS LIST:

- (1) SkyLift Riser, black
- (1) Saddle
- (1) Red Plastic Cap
- (1) 3/8" x 3" Bolt & Nut (for Standard Riser), or (1) 3/8" x 3 1/4" Bolt & Nut (for Heavy Duty Riser)
- (12) Simpson Strong-Tie SDS 1/4" x 3" Structural Screws (for Standard Riser), or (16) Simpson Strong-Tie SDS 1/4" x 3" Structural Screws (for Heavy Duty Riser)



**1** Determine approximate positioning of all SkyLift Riser brackets prior to cutting any access holes. The Risers must be positioned directly over exterior load bearing walls. Consider roofing layout, rafter locations, and interior conditions. Repositioning may be necessary due to discovered conditions.

**2** Carefully remove roofing materials and save for reinstall.



**3** Cut an access hole in the roof directly over the exterior bearing wall. (Save this material; you will use it to re-seal the access.) Set saw depth to avoid cutting concealed items. Size of access holes may vary; recommended size: 12" x 12". If you're installing the optional Lateral Stabilizing Strap in step #6, cut the access 10" H x 22" W to install rafter-to-rafter blocking. If unfavorable conditions are discovered, reposition the Riser base location. **Do not cut any roof trusses or rafters.**

**4** Insert the SkyLift Roof Riser section through the access hole and attach to the exterior wall top plate using the 1/4" x 3" Simpson Strong-tie SDS structural screws (included). **Do not substitute fasteners.** Drilling pilot holes will avoid splitting the wood blocking. If the SkyLift column does not extend above the roofline, you may need to purchase a different SkyLift product, and/or consider using blocking on top of the wall framing to raise the SkyLift base elevation. When raising the Riser height, use appropriate blocking and fasteners, extending from rafter to rafter.



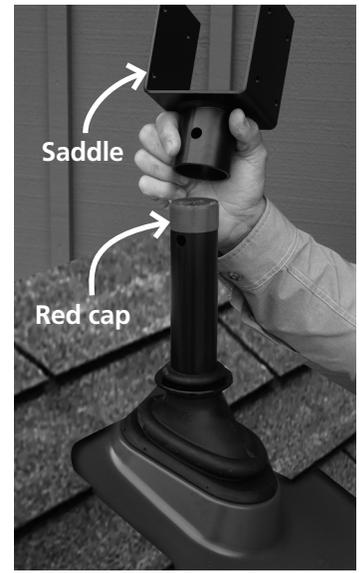
**5** Install backing and blocking under the edges of the opening. Use the saved plywood piece that was removed in step #3, then cut or drill a hole for the Riser. Secure the plywood piece to the blocking underneath.



**6** **OPTIONAL:** For extra lateral stability, now install the optional SkyLift Lateral Stabilizing Strap around the riser and secure to the plywood and required 2x6 blocking. (See separate instructions provided with the Strap.)



**7** Install the pipe flashing by working the flexible boot over the Riser column. Follow manufacturer's instructions on securing the flashing to the roof. Reinstall the saved roofing material (removed in step #2) around the flashing.



**8** Install the red plastic cap on top of the Riser. Place the Saddle over the cap and Riser.



**9** Secure the Saddle with the 3/8" bolt, flat washer and nut (included). After tightening, there will be a small amount of play with the Saddle on the Riser, which is acceptable.



**10** Place the wood beam in the Saddle. Secure the beam with the 1/4" x 3" Simpson Strong-tie SDS structural screws (included). **Do not substitute fasteners!**

**Sky Lift**  
roof riser hardware™  
[SkyLiftHardware.com](http://SkyLiftHardware.com)



Scan this QR code with your smart phone to view our YouTube video *How to Build a Patio Cover Using SkyLift.*

**11** Depending on your engineer and project design, then attach supporting beams and framing. Care should always be taken to follow applicable building codes, and regional conditions such as seismic, wind and snow loads.

**SkyLift makes no warranty or representations for project development, finish product design or installation methods.**

Please see [SkyLiftHardware.com](http://SkyLiftHardware.com) for limited warranty information.