

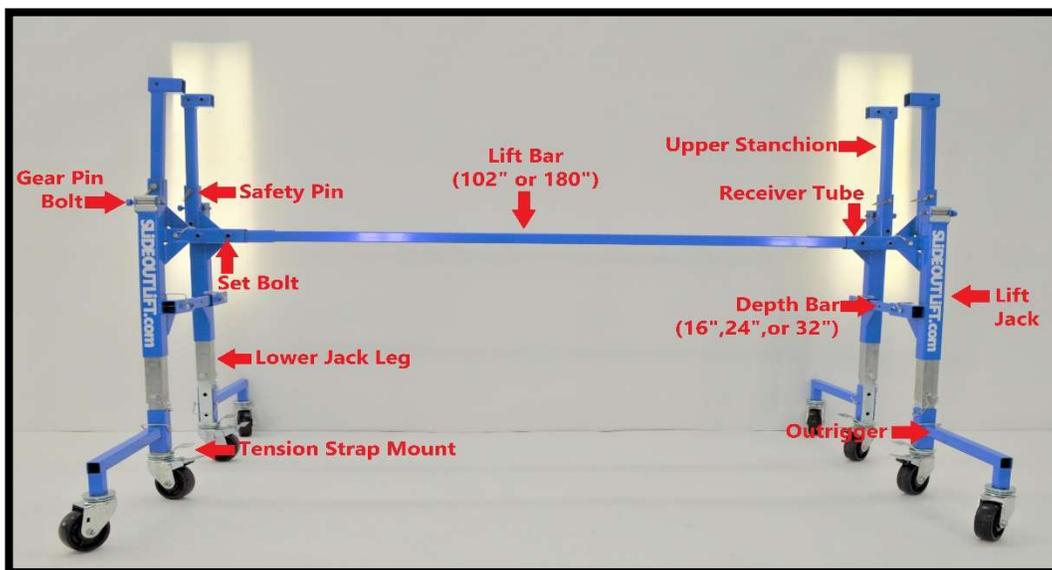
# SLIDE-OUT-LIFT

*A Better Way To Remove RV Slide Out Rooms*

## Safety & Assembly Guide

### Slide-Out-Lift Contents:

- 4x..... Lift Jack
- 4x.....Upper Stanchion
- 4x..... Outrigger
- 2x.....16” Depth Bar
- 2x..... 24” Depth Bar
- 2x.....36” Depth Bar
- 2x.....102” Lift Bar
- 2x.....180” Lift Bar
- 24x.....Safety Pin
- 16x.....Set Bolt
- 1x...Outrigger Storage Plate



**Additional Items Needed (Not Provided):**

15/16" Socket

1/4" Allen Socket or Wrench

1/2" or 3/8" Ratchet

Cordless Electric Drill (Optional)

16' Ratchet Straps (Set)

24'> Ratchet Straps (Set)

Safety Glasses

Leather Gloves

***Please ensure that anyone who will be using or setting up a Slide-Out-Lift has had a chance to read, and fully understand, the information in this document. Failure to do so could result in bodily harm, including death, or damage to property.***

**Safety:**

- Do not permit anyone to use the Slide-Out-Lift unless they have read, and understand, the items outlined in this guide.
- If in doubt about the Slide-Out-Lift ability to handle a particular job, consult your supervisor or contact Slide-Out-Lift by calling 417-725-2902 or by using [slideoutlift.com](http://slideoutlift.com).
- Never use a Slide-Out-Lift that is damaged or not properly set-up.
- Slide room lifting and removal should be conducted on level concrete surfaces. Do not attempt to use Slide-Out-Lift on uneven surfaces or on dirt or gravel.
- Never allow anyone to be underneath the Slide-Out-Lift when it is loaded with a slide room or any other item.
- Always apply caster brakes before lifting a slide room or when loaded with any other item.
- Do not operate the Slide-Out-Lift if anyone is on the lift or slide room.
- Do not stand or climb on the Slide-Out-Lift
- Ladders or "makeshift" equipment should not be used on a Slide-Out-Lift.
- Do not overload the Slide-Out-Lift. Maximum load capacity is 2800 lbs.
- Tighten ALL Allen set bolts before lifting the slide room (maximum of 15 ft lbs).

- Install ALL safety pins when in use.
- Always lift or lower the Slide-Out-Lift using all 4 jacks together. Never allow one corner to be more than 1” higher or lower than the other corners.
- Do not over-torque the gear pins bolts. Immediately stop spinning the bolt once the legs are out of travel. Gear pin bolts should spin easily with a ratchet or cordless electric drill. If the bolts are seized, remove the cover from the top of the jack and inspect for damage.
- Do NOT use a cordless or air impact to raise or lower jacks. Doing so can cause damage to the lift and/or injury to the user.
- Use two people to assemble and disassemble the Slide-Out-Lift.
- Always use safety equipment (such as safety glasses and gloves) when assembling, disassembling, or using the Slide-Out-Lift.
- When removing a narrow slide room (24” or less) or slide rooms with excessive cantilevered weight, use the four outriggers to widen the Slide-Out-Lift’s base.
- When removing narrow slide rooms (24” or less) or slide rooms with excessive cantilevered weight, always use safety straps to secure the slide room to the lift.
- If the top of the slide room exceeds 9 ½’ from the floor, always use safety straps to secure the slide room to the lift.
- Always use tensioner (ratchet) straps just above the casters when using the Slide-Out-Lift.
- Do not drag casters sideways.
- Do not exceed a rolling speed of 3 MPH.
- Always make sure the floor around the lift is cleaned and free of debris.
- Items may extend out from the lift assembly, take necessary precautions to protect individuals and property from damage.

### **Assembly & Use:**

1. Prep slide room by removing necessary trim, furniture, cabinets, slide toppers, skirt panels, etc. Fully extend slide room, be careful not to over-extend the room. Do NOT disconnect the slide room’s rams or slide mechanism until the lift is in place.
2. Unpin and remove the outriggers and mounting plate from the Slide-Out-Lift, set assembly aside to use later.

3. Loosen the ¼ Allen set bolts holding the short lift bars and remove safety pins.
4. Having one person steady each jack assembly, remove the short lift bars, one at a time. This will split the lift into two assemblies each with 2 jacks. Lay the two assemblies on the floor.
5. Loosen the ¼ Allen set bolts for the depth bars and remove safety pins (if a different depth bar is needed).
6. Install the appropriate length depth bars (16", 24", or 32") into each jack assembly. Set the overall depth according to the depth of the slide room. Set the depth as wide as possible. Then, tighten the ¼ Allen set bolts (maximum of 15 ft lbs.) and reinstall the safety pins. NOTE: make sure that the depth tubes or lift jacks do not come into contact with the side of the RV.
7. If necessary, unpin the lower jack legs to set the unloaded height as close to the bottom of the slide room floor as possible. Once height is set, reinstall the lower jack leg pins. Set the jack assemblies back onto their casters for the next steps.
8. If pulling a galley, living room, other low slide room, install the appropriate length of lift bars, (102" or 180") into each jack assembly. If you are pulling a 5<sup>th</sup> wheel bedroom slide, or other slide room that is high up, install the lift bars into the upper stanchions. (Lift bars may need to be installed with the jack assemblies set up at the slide room so that the bars can be installed over the slide room's rams.) If pulling a tall slide less than 102" in length, it is recommended that you install the additional set of lift bars into the jack assembly for added stability. Set the overall length according to the width of the slide room, ensuring the edges of the room's floor sit on the receiver tube of each lift jack or directly on the upper stanchion. Then, tighten the ¼ Allen bolts (maximum of 15 ft lbs.) and reinstall the safety pins.
9. Lock the casters.
10. Once the Slide-Out-Lift is assembled under the slide room, install a set of tension (ratchet) straps into the holes of the plates located just above each caster. The straps should make an "X" across the bottom of the lift. Snug the straps to ensure that the jacks are perfectly perpendicular to the floor and tie up any loose ends of the straps. NOTE: do not over-tighten tension (ratchet) straps or it will pull the jacks in towards the center of the Slide-Out-Lift.
11. If removing a narrow slide room (24" or less) or rooms with excessive cantilevered weight, then pin the outriggers to the lower jack legs. (Outriggers may be used for removing any slide room but must be used for rooms that are 24" or less.)
12. Check set bolts and safety pins before transferring weight of slide out room to lift.

13. Using a 15/16 socket with a ratchet or cordless electric drill (do NOT use a cordless or air impact), begin raising each jack using the gear pin bolt until it makes contact with the floor of the slide room. Be sure not to allow one jack to be more than 1" out of sync with the other jacks. Do NOT over-torque the gear pin bolts.
14. Once the weight of the slide room is transferred to the Slide-Out-Lift, you can remove the RV's slide out rams, or mechanism. Retract the rams, or mechanism, using the RV's controls.
15. Unlock the casters and slowly roll the slide room away from the RV. Lock the casters once the slide room is clear of the RV. If the top of the slide room is more than 9 ½' from the ground, or has excessive cantilevered weight, then use safety straps to secure the room to the lift.
16. To re-install the slide room back into the RV, simply reverse these steps.
17. When storing the Slide-Out-Lift, it is recommended that it is collapsed back down to its shipping configuration, re-tighten all ¼ Allen set bolts and re-install safety pins.



*(Shipping Configuration)*

**Maintenance:**

- Apply grease to jack gear packs via the attached fittings before each use.
- Keep lift jacks & inner tubes clean, use dry lube on inner tubes as needed.
- Keep casters clean and free of debris.
- Apply grease to casters via the attached fittings as necessary.
- Replace broken or stripped set bolts as necessary.

For replacement parts call Slide-Out-Lift at 417-725-2902 or visit [slideoutlift.com](http://slideoutlift.com)