



RESCUE 42
Innovative Tools for Extrication and Rescue

Strut Jack Operation

The TeleCrib® Strut Jack is a removable 8,000 lb jack which fits over the strut body and gives the rescuer a controlled means for lifting or lowering a load. When needed, the Strut Jack rests on the baseplate and pins into the white or blue tube.

The Jack has a 15" extension, at which point, the strut can be pinned, the Jack lowered and re-pinned, and continue lifting up to the entire length of the long strut body.

Because it is removable, it can be moved from strut to strut as needed.

The TeleCrib® Strut DVD shows Tripod setup and operation in detail. To request a free instructional DVD, please contact Rescue 42, Inc. toll free at (888) 427-3728 or by e-mail at Rescue42@rescue42.com.



4,000 lb working load / 8,000 lb test load

Sometimes You've Just Gotta Strut Your Stuff...



– WARNING –

The Strut Jack is a powerful tool for moving loads. Proper care and planning must be used to ensure that you maintain control of the load.

Only move a load the minimum amount needed to free or access the victim. Moving a load should be done slowly and methodically. Make sure that you maintain control of the load at all times.

Supplementary stabilization should be added to prevent uncontrolled movement of the load.

Observe the strut at all times to make sure you do not overextend the strut past the last interlock and that the middle interlock correctly pulls out the white tube. Stop operation and reverse cranking if any orange safety bar becomes visible.

Never attempt to extend or collapse a strut with yellow strut pins in the red tube.

Never use a yellow strut pin in the jack head.

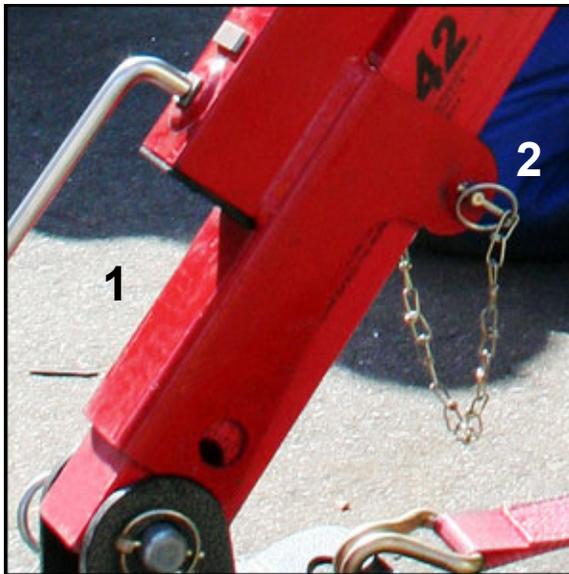


Strut Jack Setup:

To extend a strut: Make sure that the jack is cranked all the way in.

(1) Slide the base bracket over the red strut and slide it down until the bracket is resting on the baseplate ears. Check that the spring(s) on the yellow strut pins in the red strut are not going to be obstructed by the jack body.

(2) Install the safety pin in the base bracket



The strut jack may also be used with a spike foot instead of a baseplate on the bottom of the strut. Remove the baseplate, insert the spike foot (the white and blue sections will have to be extended at least one hole to do this), and insert the steel base pin through the spike foot hole in the jack base bracket, the bottom hole on the red strut section, and the inserted spike foot.





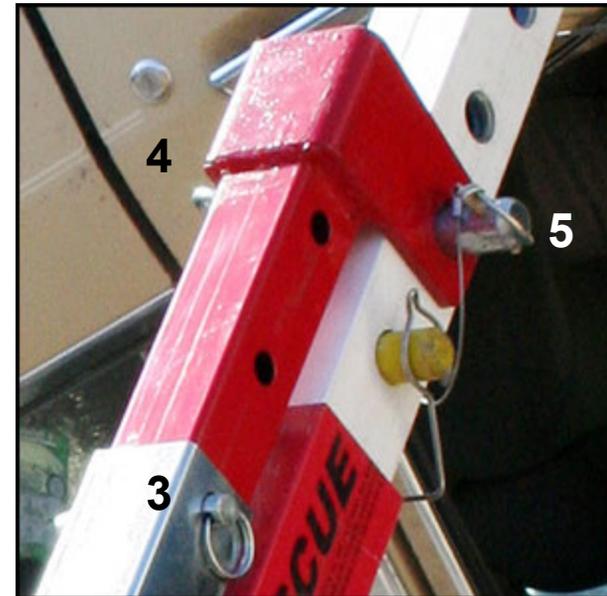
Strut Jack Setup (cont.):

(3) Remove the manual adjustment pin from the jack

(4) Extend the jack head until it is above the red section and replace the pin.

(5) Crank the jack until the hole in the jack head lines up with a hole in the strut and insert a steel strut base pin through the jack head and strut.

Crank the jack handle slightly clockwise until the pressure is taken off of the yellow pin(s) in the red strut section.

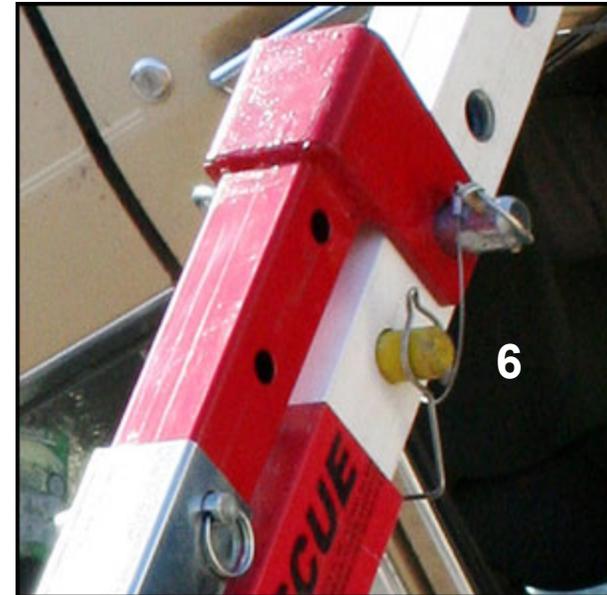




Strut Jack Setup (cont.):

Remove the yellow pin(s) from the red strut section. Crank the handle to extend the strut and move the load. If you extend the blue section to its limit, the interlock will start pulling out the white section.

Place a yellow strut pin through the top hole in the white section as soon as it appears above the red section to lock the blue and white sections together, and then continue cranking.



(6) You may place a yellow pin in the first hole above the red section for a safety pin to catch the load in the unlikely chance that the jack should have a problem.



Strut Jack Operation:

If you are extending the white tube you must take great care not to extend the white section past the interlock (indicated by the orange safety bar appearing). This interlock may be damaged if the strut is extended too far. You should observe the small holes on the top sides of the red tube to observe the interlock button when it snaps into one of the holes at full extension.



When you have extended the strut to the desired length, reinsert a yellow strut pin into the top red tube hole, crank the jack down slightly until the pressure is released on the pin in the jack head and remove it. If you need to continue extending the strut, simply crank the jack back down, pin the jack head to another hole, and repeat the process.



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Strut Jack Operation:

To lower (collapse) a strut, extend the jack before pinning it to the strut until it lines up with a hole, pin the head to the strut, slightly extend the strut until you can remove the yellow strut pin from the red section, and then lower.

When the strut is extended or lowered and pinned at the desired position, remove the jack for use elsewhere.



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