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GVW-EV-TOP-LIFT

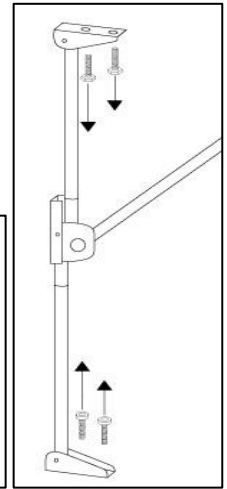
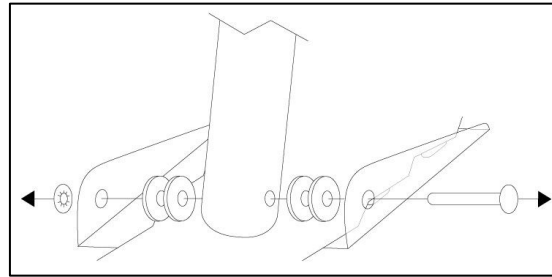
GAS STRUTS FOR EUROVAN WITH H-BAR POP-TOP LINKAGE

This kit includes all the necessary hardware to either **replace** the invasive and cumbersome “H-Bar” lift-linkage in Eurovans with modern pneumatic struts, or to add struts to **assist** the stock set-up.

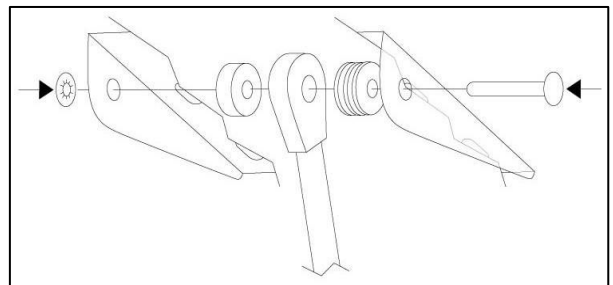
Installation Instructions for REMOVAL of H-Bar Lift-Linkage

1. Prop the top in the “up” position and remove the H-bar lift-linkage assembly by removing the two bolts that hold each “foot” down. The upper mounting hardware will be re-used—the lower Allen bolts can be put back into the open holes in the roof.

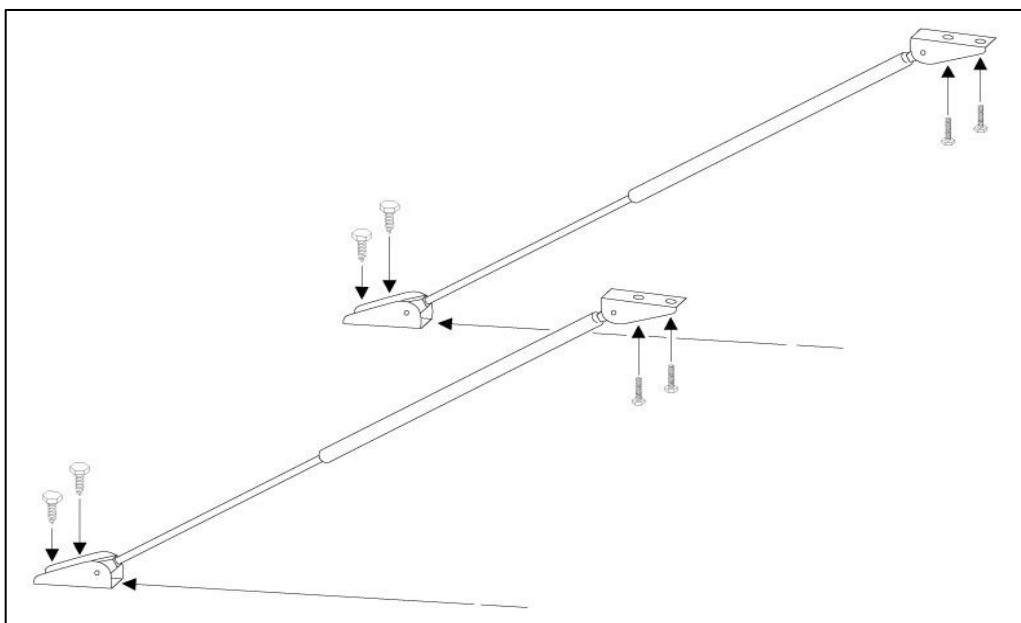
2. Disassemble the feet from the lift-linkage. *Note: The end clip-washer needs to be pried from the thru-shaft: use a flat blade screwdriver or needle nose pliers. Be careful not to warp these as they will be re-used.*



3. Remove the ball-ends from the struts, and install the included eyelet ends.
4. Assemble the strut ends into the stock mounting feet, as shown, using the provided plastic spacers along with the stock white plastic washers (spacer placed on inboard side). *Note: The locking mechanism on the strut can be left installed or removed by popping the tube off the strut after removing the ball-end.*



5. Mount the top of the strut assembly to the roof first, using the original hardware. With the roof propped FULLY OPEN, mark where the mounting holes in the lower feet rest. **NOTE: This will be the height of your top with the struts completely extended so it pays to stretch the top open as far as possible for this step.** Use the provided hex-head, self-drilling, self-tapping screws to attach the lower end of the strut assembly to the vehicle body.





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Installation as Lift-Assist in *Addition* to H-Bar

1. Position the lower mounts at the rear of the van directly in front of the rear hinge mechanism with the ball-stud facing inboard. There is a rivet head that will need to be drilled out to allow the bracket to sit flush.
2. Mark each mounting point and use the provided hex-head, self-drilling, self-tapping screws to fasten them in place. Note: There will be two layers of metal to go through at the forward hole.
3. Install the strut onto the lower mount, and install the upper mounting bracket to the top of the strut. *Note: The locking mechanism can be left installed or removed by popping the tube off the strut after removing the ball-end.* Mock up the strut into position with the ball-stud facing outboard and mark where the upper bracket comes to rest with the top ***completely open***. ***NOTE: Pay attention to the path of the H-bar linkage and ensure it doesn't interfere with the strut.***
4. Drill a 1/4" hole for each mounting point, and use the provided stainless steel, 6mm bolts, washers, and nuts to attach the upper bracket with the ball-stud facing outboard. ***NOTE: Use the included anti-seize on the stainless fasteners to prevent galling of the threads.*** The large washers should be used outside and the small washers on the inside. A thin film of marine grade silicone sealant on both sides of the exterior washers will ensure the moisture stays outside where it belongs.

