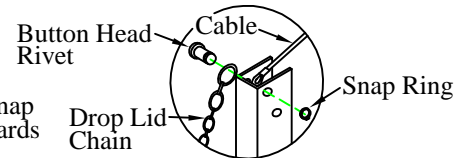
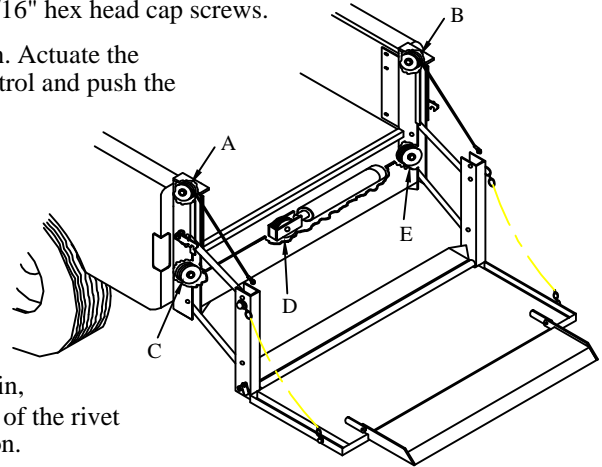
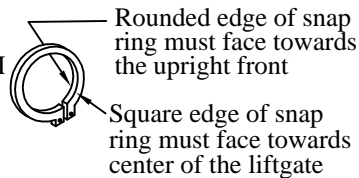


## INSTALLING LIFT CABLES - MINI, 500, 1000, 1300, & 1600 SERIES

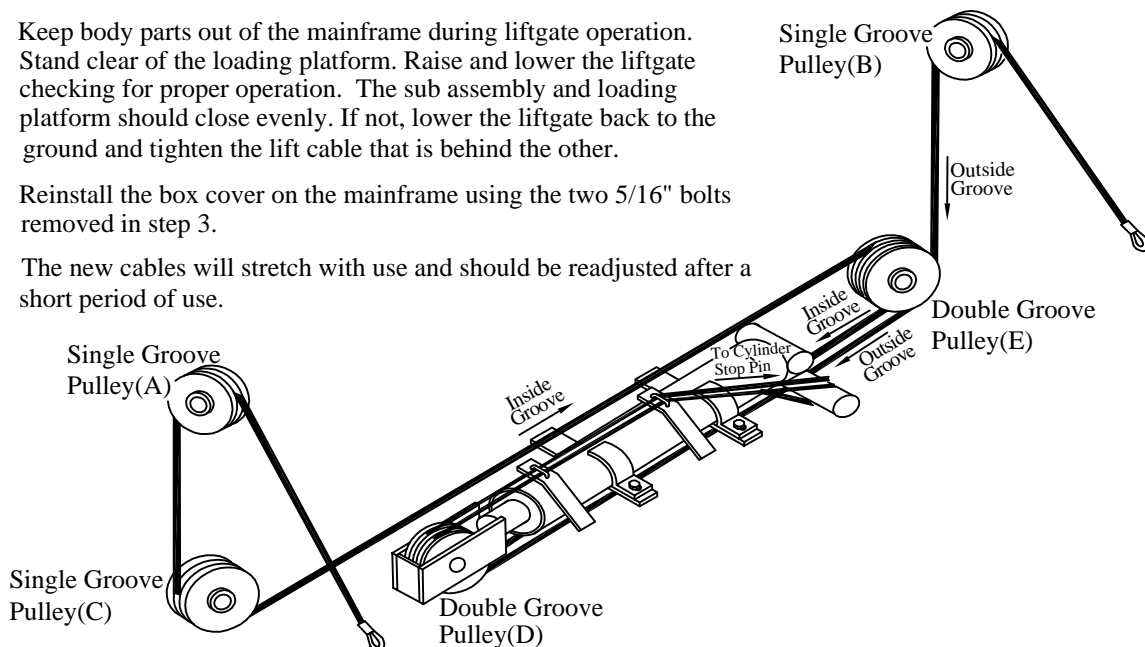
- Step 1. Park vehicle on a level surface and lower the liftgate to the ground.
- Step 2. Remove the mainframe box cover by taking out the two 5/16" hex head cap screws.
- Step 3. Keep body parts out of mainframe during liftgate operation. Actuate the lowering function of the control lever or timed electric control and push the hydraulic cylinder in until it is collapsed.
- Step 4. To avoid risk of a 12 volt electrical short, disconnect the #4 power cable from the positive side of the battery.
- Step 5. Loosen the cable clamps, paying close attention to the location of the cable clamps.
- Step 6. Remove the cable from around the pulleys and from within the uprights.
- Step 7. Remove the button head rivet where the cable, drop lid chain, and sub assembly meet by either grinding the inside flange of the rivet or removing a snap ring. When grinding wear eye protection.
- Step 8. With the liftgate cables removed, check all pulleys and pins for any excess wear. All pulleys should rotate freely without excessive side to side play.
- Step 9. String the new cable through the pulleys in the upright and mainframe. The driver's side upright cable should be strung through the inside groove of the double groove pulleys. (groove closest to the front of the vehicle) The passenger's side cable should be strung through the outside groove of the double groove pulleys. **NOTE:** Pay close attention that the cables are not crossed during this step. See figure at the bottom of the page.
- Step 10. Install end of new cable, button head rivet with snap ring and drop lid chain in the upright front as shown.



**NOTE:** FAILURE TO INSTALL THE SNAP RING IN ACCORDANCE WITH THIS DIAGRAM COULD RESULT IN PREMATURE SLIDE OFF BEFORE REACHING MAXIMUM HOLDING CAPABILITY.



- Step 11. Install the cable clamps. Pull the cables tightly through the cable clamps. Position both cable clamps evenly and tighten nuts on clamps. Again check cables for proper routing and clamp location. **NOTE:** Having one cable tighter than the other will cause one side of the subassembly and loading platform to close before the other end. The cable clamps must not touch each other.
- Step 12. Reconnect the liftgate's main power cable to the positive side of the battery.
- Step 13. Keep body parts out of the mainframe during liftgate operation. Stand clear of the loading platform. Raise and lower the liftgate checking for proper operation. The sub assembly and loading platform should close evenly. If not, lower the liftgate back to the ground and tighten the lift cable that is behind the other.
- Step 14. Reinstall the box cover on the mainframe using the two 5/16" bolts removed in step 3.
- Step 15. The new cables will stretch with use and should be readjusted after a short period of use.



**IMPORTANT: USE ONLY CABLES FURNISHED BY TOMMY GATE COMPANY.**