

## **SPRING CHANGE PROCEDURE**

It is important when changing springs to do only one end of the camper at a time. The roof should be DOWN before repairing, to take pressure off the system.

1. Remove the tie plate by removing (2) self-tapping screws. Refer to (K) on attached sheet.
2. Remove the two (2) screws that attach the spring tubes to the master tube. Refer to (L) on attached sheet for location.
3. Remove two (2) screws each from floor plates that attach spring tubes (N) on attached sheet to the frame of the camper.
4. Pull the spring (P) on the attached sheet out from the bottom of the telescoping posts (A, B, & C on the attached sheet).
5. Pull the spring tube off of the spring.
6. Pull the spring assembly (2 springs attached) out of the master tube (L) on the attached sheet.
7. Put the new spring assembly in the master tube and push all the way to the stop. Note: The cable lies between the springs and must slide freely.
8. Put the spring tubes on the springs. (You may put some oil in the tube to ease pushing spring through).
9. Attach the spring tubes to the corner of the frame of the camper.
10. Attach the spring tubes to the master tube.
11. Attach the tie bar.
12. Repeat the above procedure on the opposite end of the camper if necessary.

\*\*NOTE: If you have a Dutchman unit and the winch is in the rear reverse these instructions.

## **CABLE CHANGE PROCEDURE**

1. Start with rear tubes first. Follow instructions 1,2,3,4 & 6 above with roof down.
2. Hold pair of springs in one hand, lay crimped end of cable and pusher plate over end of springs then insert springs and cable into master tube pushing them all the way to the other end.
3. Run cable around pulley (M) and insert end of cable into master tube between the two (2) springs and feed it thru to the front. If you are unable to feed thru, due to grease in the master tube, you will need to disconnect spring tubes on the other end maybe even pulling springs out opposite end to assist getting cable thru.
4. Pusher plate (see insert) in middle of cable must be in front of the springs.
5. Wrap cable around drum on winch one turn then push end of cable out slot on side of winch housing and secure end under cable keeper (I), TIGHTEN BOLT SECURELY (see T).
6. Re-assemble lift tubes to corner of frame to the end of master tube and re-assemble tie plate.

System should be ready to use. You may put more grease in the master tube.

If front and back of the roof do not start up at the same time you need to adjust the pulley. (M).