

# COVANA

## Covana Service Update

It has come to Sterling Leisure Products attention that the chains in the jacks that are within the posts require adjusting after an initial break in period. This procedure will take less than an hour to perform but will improve the performance of the Covana and will eliminate the possibility of future problems. This procedure applies to the new hardcover Covana.

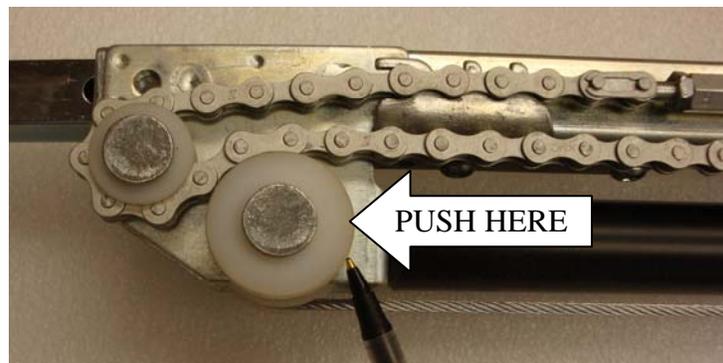
1. With the Covana in the down position remove the five screws per post that secure the top cap to the telescoping extrusions.



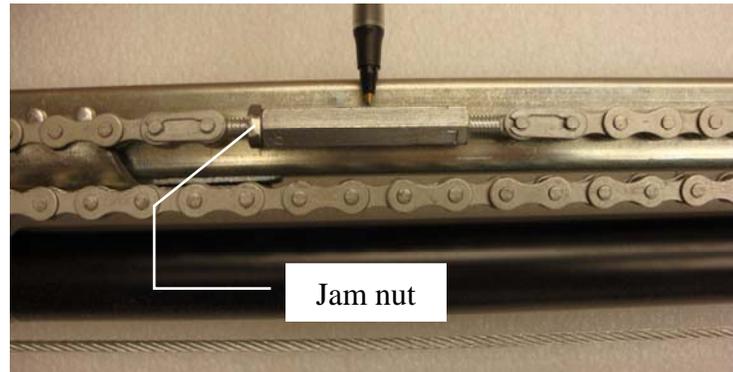
2. Extend the jacks in short 6" strokes by turning the key to expose the internal workings. After each short extension inspect the cable, special care must be taken to ensure the cables on the jacks stay tight, should be piano string tight.



If by chance the cable has become loose manual pressure must be applied at this point to push this part up

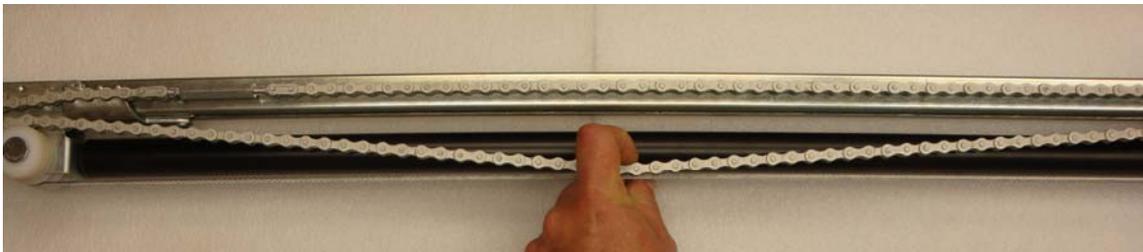


3. Once full extension has been attained locate the turnbuckle  
VERY IMPORTANT TO FOLLOW THE INSTRUCTIONS CAREFULLY.



Warning: Thread lock was applied at the factory which could make the nut and turnbuckle difficult to turn. Take care not to break the bolt, ensure the bolt is not twisting and is threading as it will shear off. It will help dramatically if a penetrating oil is sprayed on this area.

- a) Unlock the jam nut and turn it from left to right all the way up to the top.
- b) Rotate the body of the turnbuckle 2 complete turns from right to left to first loosen the chain and expose the thread lock, while securing the bottom chain to prevent twisting. Remove as much thread lock as possible.
- c) Rotate the turnbuckle body from left to right while securing the bottom chain to prevent twisting. Special attention must be given not to damage the connecting links from twisting.
- d) The proper chain tension can be checked by applying side pull in the middle of the left chain so that approximately 5 pounds pressure will produce the results seen in the picture below.



4. After all four jacks have been adjusted run the unit up and down a couple times, this might require some additional weight applied to the top of the jack in the down stroke to help compress the gas cylinders.
5. Inspect the chains to ensure proper chain tension, and when all appears fine lock the jam nut on the turnbuckle.
6. This also provides a great opportunity to lubricate the jacks, spray a generous amount of lubricating spray/penetrating oil on all the parts of the jack.
7. Lower the unit back in place and reinstall the five screws on the top cap.

We highly recommend inserting these screws by hand and not with a power tool.

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