

Section 3. 1967-69 Lift System

This unique system basically pushed out the beds and in so doing raised the road cover. On each end of each bed is a chain engaged to a sprocket mounted on an actuator shaft. So by turning the crank, the sprockets pushed out or pulled in the beds. In order for the beds to move in unison, the actuator shaft of each was connected to the other by a drive chain. The drive chain runs along the road side of the trailer and connects to the actuator shafts by a sprocket identical to the ones which drive the beds out.

1. BED TIMING PROCEDURE.

Insert pry bar between the sprocket shaft and the bed. Using the pry bar, lift the bed up jumping it over the sprocket to the next link in chain. Jump links in this fashion until the bed is back in time. If the bed keeps jumping out of time an adjustment in the corner shaft plates is necessary Figure 15. See para.2 on Chain drive Slippage and Beds Jumping Time.

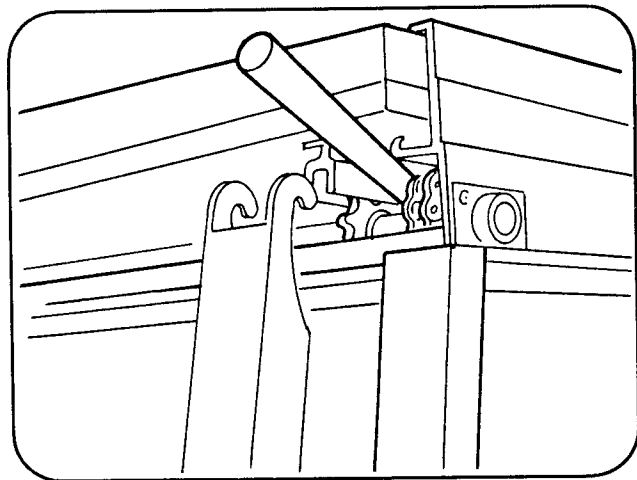


Figure 15. Retiming Beds.

2. DRIVE CHAIN SLIPPAGE AND BEDS JUMPING TIME.

This procedure will lift the sprocket up into the bed chain and out to help keep drive chain tight.

- a. Drill out the two pop rivets securing the corner plate.
- b. Remove plate and turn it upside down so that the rivet holes are now at the bottom.

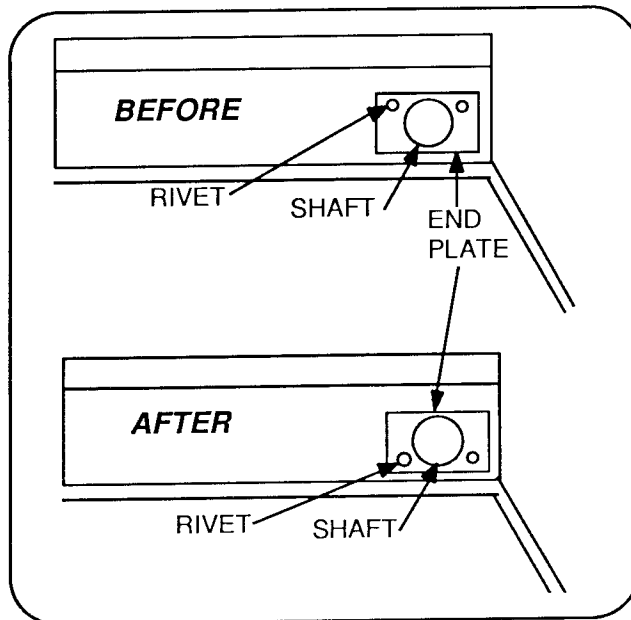


Figure 16. Rotating End Plate.

c. Insert crank into the actuator shaft, lift it up and out toward the end of the trailer. While held in this position, drill two new holes using the holes in the plate as a guide. Install rivets to secure plate.

3. PLASTIC BED SLIDE REPLACEMENT.

a. Changing one slide.

1. Open the trailer and set up bed legs.
2. Drill out the two pop rivets holding the bed stop (point A, figure 17).
3. Using a 1/4" drill bit, drill out the rivet holding the road cover support bow to the galvanized bed slide (point B, figure 17).
4. Push this galvanized slide back into the trailer which will expose the two plastic slides on that side of the bed.
5. Replace slide or slides and slide galvanized slide back over the new nylon slides. Replace the bed stop with two #64 pop rivets.
6. Replace 1/4" rivet to secure road cover support bow to bed slide (point B).

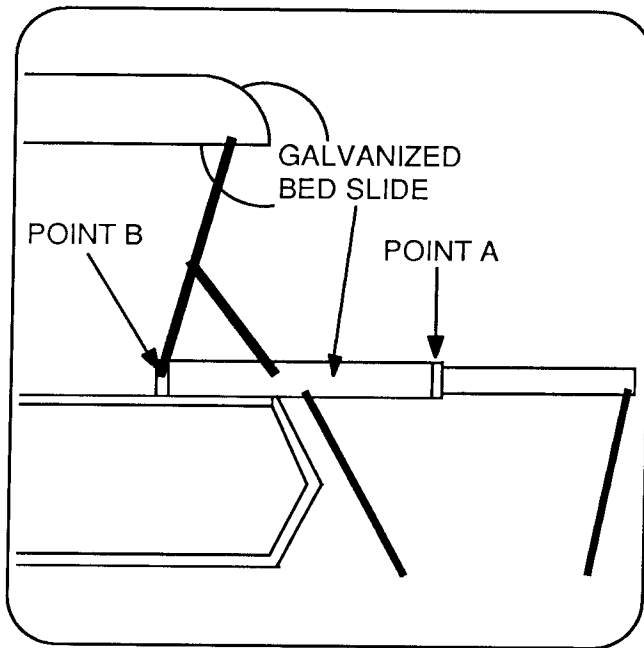


Figure 17. Replacing Bed Slides (1 of 2)

B. REPLACING BED SLIDES ON ONE END.

1. Open the trailer up and set up bed legs.
2. With help to hold up the road cover, drill out the two pop rivets holding the bed stop on each side of trailer (point A, figure 17). Lower the road cover onto the body (figure 18) which will expose all four bed slides on that end.
3. After changing the plastic bed slides, lift up the road cover and in so doing slide the galvanized slides back over the plastic slides. Reinstall bed stops.

5. SPROCKET REPAIR.

a. Bed Sprocket.

1. Get the roof raised and install a "c" clamp on each bed track to keep the roof up (point B, figure 17).
2. Drill out the two rivets holding the bed stop. Remove the stop on both sides of bed (point A, figure 17).
3. Remove rivets securing bed vinyl seal, remove seal. Remove the bed or slide in out enough to work between the bed and trailer body.

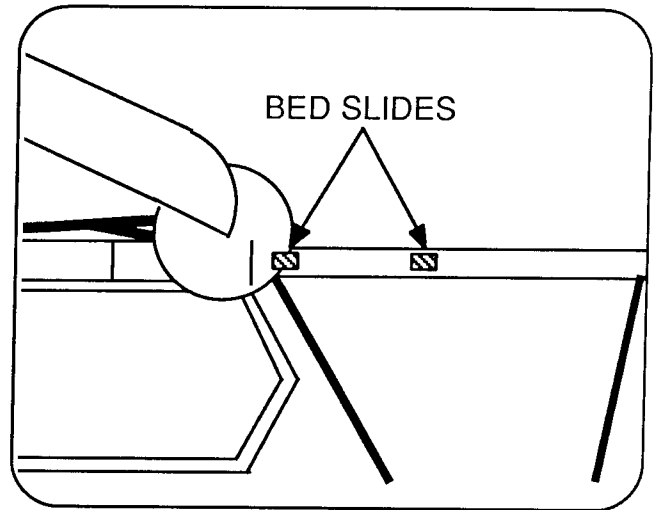


Figure 18. Replacing Bed Slides (2 of 2)

4. Remove the sprocket pins and drive the actuator shaft to the side enough to remove and replace the damaged sprocket(s).
5. Reposition actuator tube and reassemble in reverse order of disassembly.

b. Chain Drive Sprocket.

The chain drive sprocket is accessed in the same way as the bed sprockets. Before removing the chain drive sprocket, it will be necessary to take the drive chain apart. Locate the master link (repair link), pry it apart and remove chain.

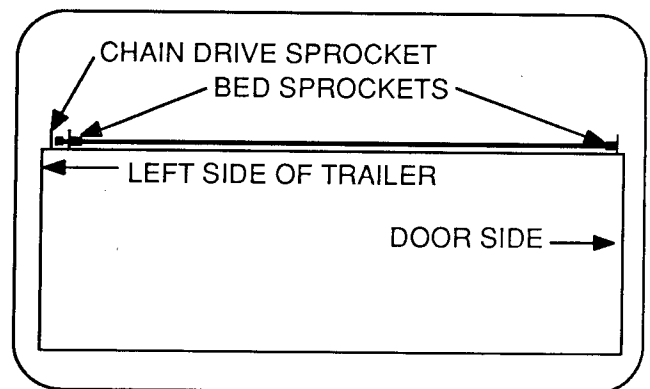


Figure 19. Sprocket Replacement.