Maintenance and Lubrication

Clean all mud, salt, and road grime from the step before lubricating. Lubricate all moving parts (bearings, pivot points, slides, clevis pin, and drive linkage ball) every 30 days with a good quality moisture and heat resistant penetrating grease. KwikLube™ Spray Grease is specially formulated to lubricate Kwikee Electric Steps and is recommended for lubricating all moving parts. Refer to the figures below for lubrication locations. NOTE: Silicone lubricants and WD-40 are not recommended as they have a tendency to evaporate and dry the mating surfaces which leave them vulnerable to the elements.

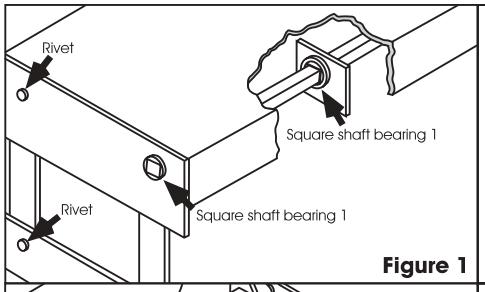


Figure 1

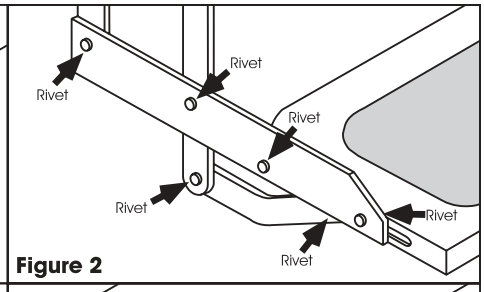


Figure 2

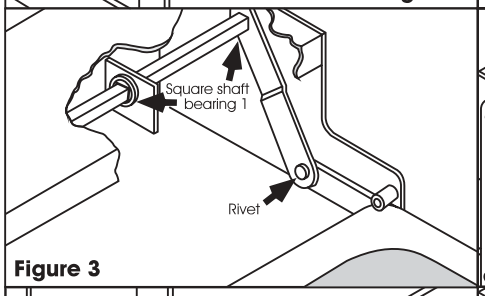


Figure 3

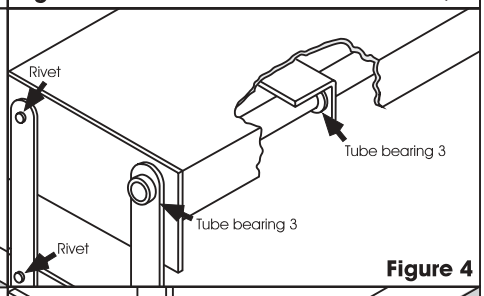


Figure 4

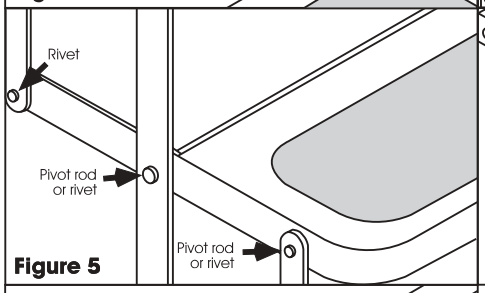


Figure 5

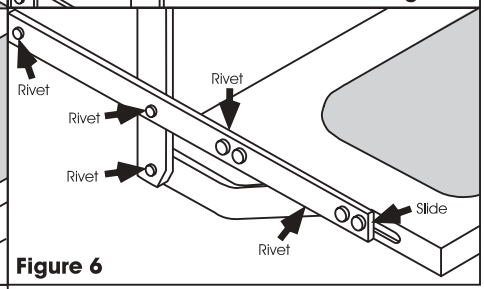


Figure 6

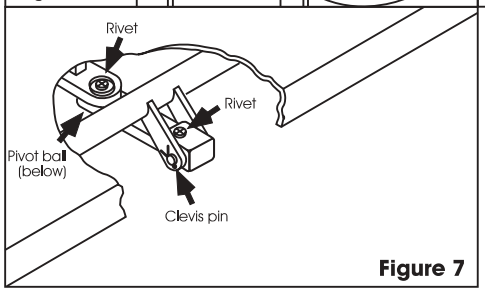


Figure 7

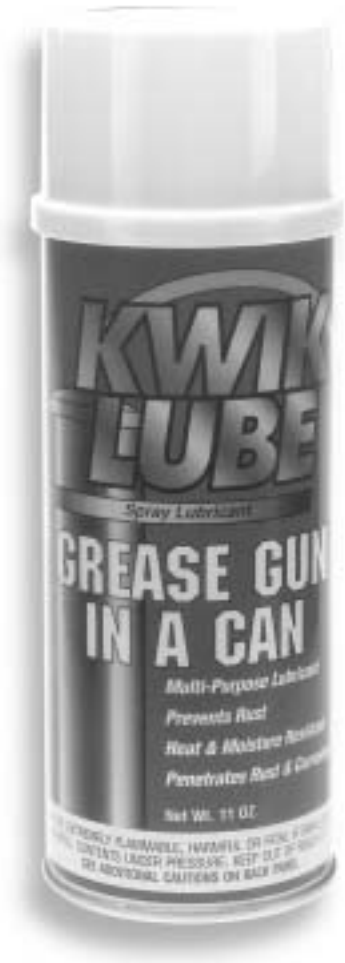
NOTE: Figures are to be used for general reference purposes only. Some may not pertain to your particular step model.

1. Figures 1 & 3 - square shaft bearing - lubricate around outside and under head of bearing.

2. Figure 4 - on step models equipped with plastic cover, this cover will have to be removed to lubricate center bearings. Lubricate bearings under cover every 90 days.

3. Figure 4 - Lubricate around the bushing-in-bushings.

4. Maintain clean, dry electrical connections at the two-way and four-way connectors and any butt connections leading from the four-connector to the vehicle. A small dab of di-electric grease at the connections and replacing corroded butt connections with heat shrink type crimp style automotive connectors will help maintain a good electrical source for the step.



KwikLube™ is a unique aerosol grease that has hundreds of automotive, household, and industrial uses in addition to lubricating Kwikee Electric Steps. It sprays on and into hard to reach places. KwikLube™ changes from a penetrating fluid to a tough, protective grease in a matter of minutes! The cured film is impervious to moisture and can withstand temperatures above 400° F (204° C). This formulation also contains additives to prevent rust and reduce wear.

Ask for Kwik Lube at your local RV Dealer

Maintenance and Lubrication

Adjusting the stops on 27, 32, 34, 35, 36, 38, and 40 Series Steps

The 27, 32, 34, 35, 36 38, and 40 Series steps are fitted with adjustable cam stops on the step frame which help lock the step in the out position, creating a firm stepping platform while relieving load bearing stess on the motor and drive linkage. The stops are adjusted at the factory but may become loose during shipping, installation and/or normal use. The following procedure outlines the proper method for adjusting the cam stops.

WARNING: When the cam stops are out of adjustment the step may feel loose or "mushey" when stepped on. If the cam stops are not properly adjusted the step many not extend to its full and locked out position. Using a step with loose or out of adjustment cam stops may cause damage to the motor assembly or drive linkage. A broken drive linkage will allow the step to move freely in and out creating an unsafe stepping platform.

TO ADJUST THE STOPS:
The stops are located under the step top on 32, 36, and 38 Series Steps, and on the bottom tread side rail on 27 and 40 Series Steps. There is one stop on each side of the step.

CAUTION: WHEN WORKING UNDER THE STEP, BE SURE THAT THE STEP CANNOT BE ACTIVATED OR THERE IS A DANGER OF GETTING CAUGHT IN THE STEP MECHANISM.

1. Loosen the stops so they move freely.

2. Retract the step.

CAUTION: BE SURE THAT NOTHING CAN GET CAUGHT IN THE STEP MECHANISM.

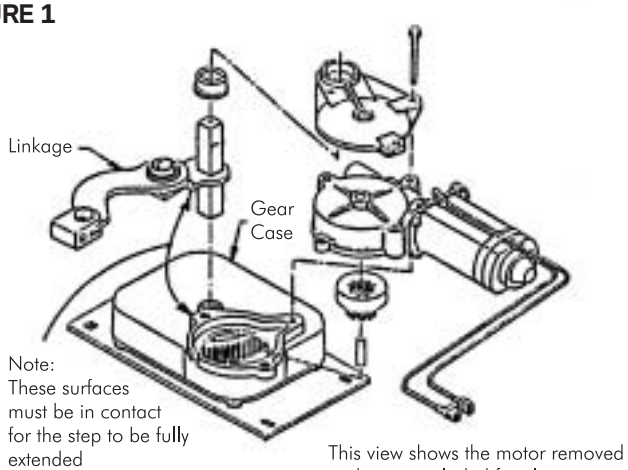
3. Extend the step fully to its locked extended position (*see* **Figure 1,** *right, top*). Be sure that the motor assembly linkage rests against the gear case as illustrated in the figure.

4. Using 2, 1/2" wrenches, loosen the cam stop nut with one wrench and rotate the cam stop with the other wrench. Once the stop is pushing against the leg and taken all the play out of the step frame, tighten the cam step nut so it won't back off. Be sure that both stops are tightened and that they rest securely against the leg.

5. Retract and fully extend the step. Check the motor assembly to be sure that it is locked all the way out, and that both stops are securely against the legs.

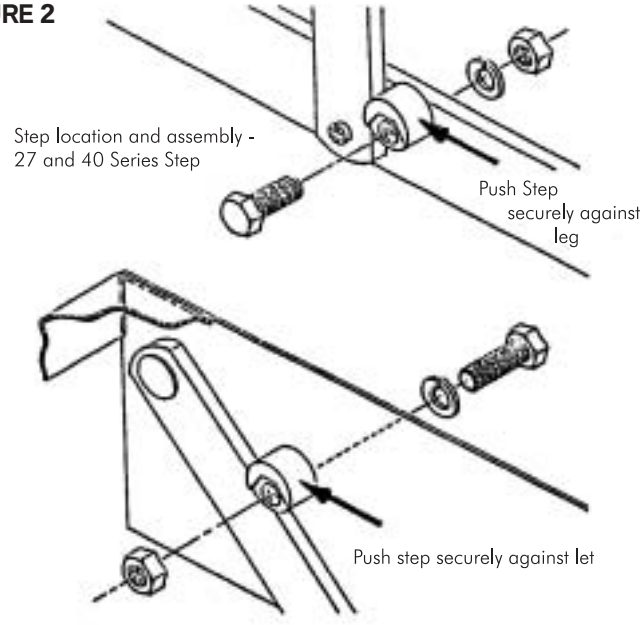
6. Push on the front edge of the step tread. If the step seems loose, repeat the cam stop adjustment procedures.

FIGURE 1



This view shows the motor removed and parts exploded for clarity.

FIGURE 2



Step Location and assembly - 32, 34, 35, 36, and 38 Series Steps