Fig. 9

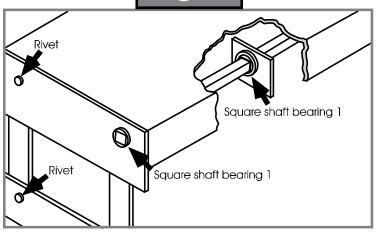


Fig. 10

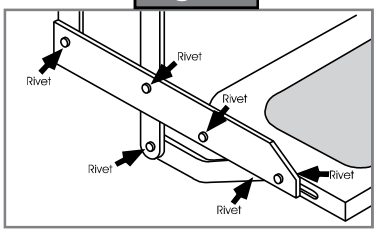


Fig. 11

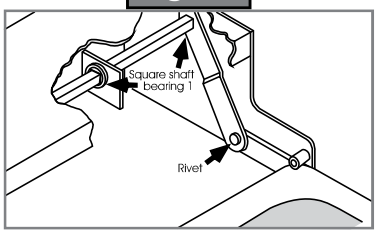


Fig. 12

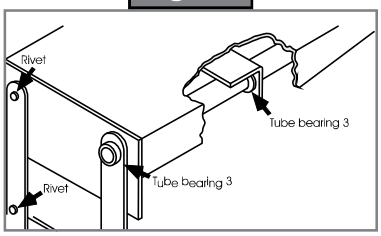


Fig. 13

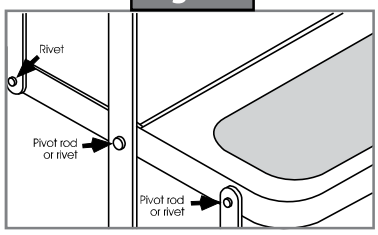


Fig. 14

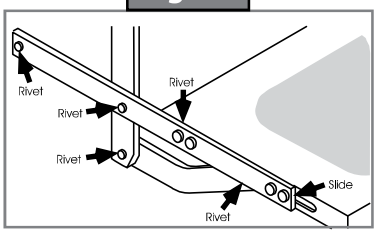


Fig. 15

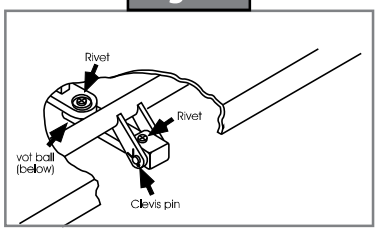
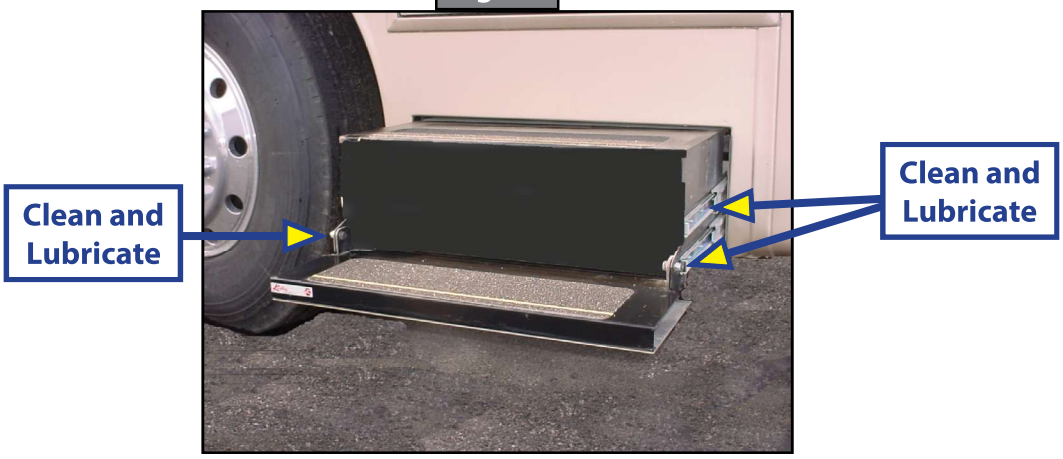


Fig. 16



Maintenance

Step Assembly 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 9 - 16 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.

1. On the square shaft bearing, lubricate around outside (Fig. 9) and under head of bearing (Fig. 11).
2. On step models equipped with a plastic cover, this cover will have to be removed to lubricate center bearings (Fig. 12). Lubricate bearings under cover every 90 days.
3. Lubricate around the bushing-in-bushings (Fig. 12).
4. Maintain clean, dry electrical connections at the 2-way and 4-way connectors and any butt connections leading from the 4-way connector to the coach. A small dab of dielectric 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.

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

Maintenance In a Salt Environment

To maintain step finish when the step is exposed to a salt environment for extended periods of time, routinely spray step with fresh water.

Adjusting Cam Stops

⚠WARNING

If the cam stops are not properly adjusted the step may not extend fully to the locked-out position. Using a step with loose or out-of-adjustment cam stops may cause damage to the motor assembly and/or the drive linkage.

⚠CAUTION

When working under the step, be sure that the step cannot be activated and that nothing can get caught in the step mechanism.

NOTE: The adjustment of cam stops applies to 24, 25, 27, 32, 34, 35, 36, 38, and 40 Series Steps.

Kwikee® Steps are fitted with adjustable cam stops on the step frame that help lock the step in the "out" position, creating a firm stepping platform and relieving load-bearing stress on the motor and drive linkage. The cam is adjusted at the factory, but due to the rigors of shipping, installation, and normal use the cam may fall out of adjustment and need to be tightened. When the cam stops are out of adjustment, the step may feel loose or "mushy" when stepped on. The cam stops are located under the step top on the 32, 36, and 38 Series Steps, and on the bottom tread side rail on the 24, 25, 27 and 40 Series Steps. There is one stop on each side of the step.

1. Loosen the stops so they move freely, and retract the step.
2. Extend the step fully to its locked extended position (Fig. 16). Make sure that the motor assembly linkage rests against the gear case as illustrated (Fig. 17). Repeat if needed until the motor assembly locks in the extended position.
3. Push the stops against the leg and tighten securely (Fig. 18). Make sure that both stops are tightened and that they rest securely against the leg.
4. 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 secure against the legs. Repeat the procedures if needed to properly adjust the stops.
5. Push on the front edge of the step tread. If the step seems loose, the stops may not be properly adjusted so that they rest tightly against the leg. Repeat steps 1-4.

Fig. 17

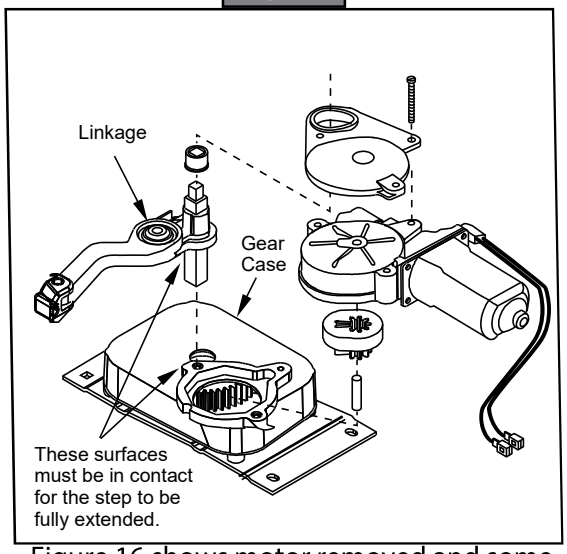


Figure 16 shows motor removed and some parts enlarged for clarity. Disassembly not necessary for cam adjustment.

Fig. 18