



HAPPIJAC®

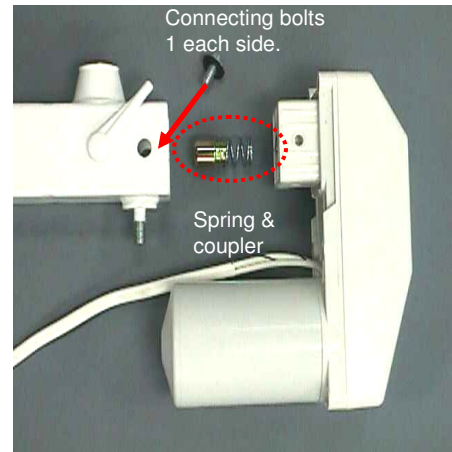
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CAMPER JACK LUBRICATING INSTRUCTIONS

Tools required: Rags, Fine Scotch-Brite® or other non-metallic scrubber, needle nose pliers, small flat blade screwdriver, 3/8" wrench, 3-IN-1® or other light machine oil, high temp grease.

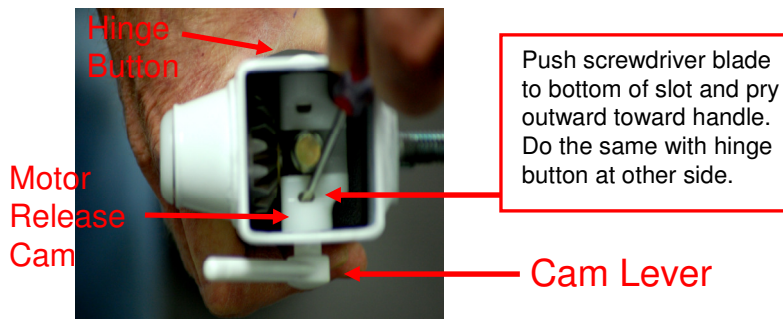
Important: Retain all removed parts for reinstallation

1. If a motor is installed on the jack, begin by removing the two hex screws which hold motor to jack - then lift out motor, coupler, and spring.. (Make a note of how these parts go back together)



2. **Study the cam carefully (white plastic parts inside jack leg).** This part must be reinstalled precisely as it was prior to removal.

Use small screwdriver blade to pry out cam lever and hinge button from sides of motor cam, then use needle nose pliers to remove motor cam.



3. Use screwdriver to pop off E-clip from end of crank socket shaft, then pull crank socket from jack tube. It may be necessary to wipe grease from gears to locate E-clip

Crank
Socket

E-clip



4. Pull out the crank socket, then clean the surface of the crank socket with a fine scrubber pad to remove any tarnish and restore to a polished surface. If the bushing in which the socket turns is plastic, wipe it out with a clean, lint free rag. If it is a bronze bushing, use the 3M scrubber to polish as with the crank socket. Lubricate socket and bushing with light machine oil such as 3-IN-1 oil, then reinstall crank socket and E-clip.



5. Apply a light coating of high temperature grease, such as bearing grease to the beveled gears in the top of the jack then complete reassembly.

Note: When installing the motor heads, make sure the spring is above the coupler and that the motor head is facing the correct direction.



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