



**MAINTENANCE &
TROUBLESHOOTING
STABI-LITE/LEVEL-LITE
SYSTEMS**



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EQSystems.us

MAINTENANCE ITEMS

Leg Assemblies: The leg assemblies are basically a motor driven screw jack.

Keep the leg assemblies clean. Extend the leg to around mid-point and clean the assembly using a wet rag. A mild detergent such as a car wash solution may be used. If using a spray cleaner such as Simple Green or fantastic do not spray heavily on to the motor gearbox portion. It may be rinsed using low pressure spray from a hose.

(Do not Use a Pressure washer)

It is important that the screw/nut be kept clean and dry

In extreme cases the use of WD 40 or similar may be used to clean the screw/nut the leg assemblies however they then must be completely washed and rinsed and allowed to dry. The use of compressed air may be used to help the drying process.

**After cleaning, the pivot points and the screw/nut must be lubricated
Lubrication must be done using a dry film Silicon/Teflon Spray lubricant**

The use of oily or greasy lubricants is not allowed as they will attract dirt which will create issues with the screw/nut.

Electrical: Check electrical connections to assure that connections are tight and free from corrosion. The power supply wires may come directly from the battery or some other power source depending on the installer. **(Check the owners/installation manual for connector and components involved)**

Safety interlocks: On motorized units one or more safety interlocks should have been connected. Check to verify that extend operation is denied when the ignition key is on or when the park brake is released (Note only one is required to disable the extension). Check the owners/installation manual for these connection options.

STABI-LITE / LEVEL-LITE TROUBLESHOOTING

No operation:

1. Verify that the power switch is in the on position.
2. Check for a disable interlock preventing operation. Try operation with the ignition key off and the park brake applied.
3. Locate the controller (black box) verify that there is power and ground to it.
4. Check for voltage to the control panel.
5. Check to see if power and ground is being applied to the motor connectors when the switch is activated.
6. If voltage is being applied to the motors and they won't run then the motor/gearbox may be bad or the jack assembly may be jammed. Try the cleaning/lubrication process under maintenance items.

Other Notes:

If a leg assembly is jammed or stuck you may gently try the override hex (see owner's manual for this). If trying this care should be taken not to "overstress" the override or the override may break or other damage to the gearbox may occur. If it acts like it does not want to turn remove the motor and try to drive the screw directly using a ¼ inch square drive.

If there is no operation in an extreme cold then the legs may be "frozen" in place. Warm up to "thaw out" then perform the cleaning and lubrication outlined in the maintenance items.

The owner's manual can be seen and down loaded from the manual section under service and support on the EQ Systems web site.