



T.I.P. Troubleshooting Information on Power Gear

Diagnosing a leaking jack

Jacks reported to be leaking under warranty are required to be resealed rather than replaced. A high percentage of the jacks returned are found to be in good working order when tested even under extreme tests.

Please review the following when considering the warranty of a leaking jack:

A jack with a bad seal will allow substantial amounts of oil to leak out. The shoe of the jack will typically have a pool of oil in it and oil will visibly leak when the jack is under pressure. If you can see the color of the fluid in the shoe, the jack should be inspected for damage to the chrome rod and resealed if it is found in good condition. Reseal kits and information can be found on our website at www.powergearus.com.

A jack is not “leaking” if there is a film of oil on the barrel or shoe. This film of oil typically attracts dust/dirt and can look damp or wet. This is typical of hydraulic cylinder operation and does not constitute a “leaking” jack. The surface finish of the chrome rods used in Power Gear jacks are designed to carry a thin film of oil as the jack operates, to lubricate the seals and reduce corrosion. This thin film is wiped off when the jack retracts and can cause the shoe to look damp.

A spring retract style jack that “leaks” down without an external leak is not a leaking jack. This leaking down condition can be caused by a leaking valve on the pump manifold. Check your trouble-shooting guide in the appropriate service manual for more information, or call Power gear at 800-334-4712.



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