

LEVELING AND STABILIZATION

Purpose

To maintain and extend the product life of hydraulic leveling systems.

Safety

WARNING

Failure to follow the instructions provided in this manual may result in death, serious personal injury, severe product or property damage or voiding of the component warranty.

WARNING

The unit should be supported at both front and rear axles with jack stands before working underneath. Failure to do so may result in death, serious personal injury, severe product or property damage or voiding of the component warranty.

CAUTION

Always wear eye protection when performing service or maintenance to the unit. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the service.

CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Resources Required:

- Dexron® III or Mercon® V Class "A" automatic transmission fluid (ATF)
- Electrical contact cleaner
- Lint-free cloth
- Zip ties

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Maintenance Steps

1. Check fluid in reservoir every 12 months. If fluid is a clear red color, do not change. If fluid is milky, pink and murky and not clear red in color, drain reservoir and add new fluid. Hydraulic fluid in reservoir should be changed a minimum of every 5 years.

NOTE: Check the fluid only when all the jacks are fully retracted.

NOTE: When checking the hydraulic fluid level, fill to within $\frac{1}{4}$ " to $\frac{1}{2}$ " of fill spout.

2. Inspect and clean all power unit electrical connections every 12 months. If corrosion is evident, spray power unit electrical connections with electrical contact cleaner.
3. Remove dirt and road debris from jacks as needed.

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4. If jacks are down for extended periods, it is recommended to spray exposed jack rods with a silicone lubricant every 3 months for protection. If the unit is located in a salty environment, it is recommended to spray the rods every 4 to 6 weeks.

Fluid Recommendation

ATF with Dexron® III or Mercon® V or a blend of both is recommended by Lippert Components, Inc. For a list of approved fluid specifications, see [TI-188](#). To obtain this Technical Information sheet on-line, go to: https://www.lci1.com/assets/content/support/technical-information-sheets/TI___188_Hydraulic_Operation_Fluid_Recommendation.pdf

NOTE: In colder temperatures (less than 10 °F) the jacks may extend and retract slowly due to the fluid's molecular nature. For cold weather operation, fluid specially formulated for low temperatures may be desirable.