

# Bleeding Instructions for an Existing System

## READ ALL INSTRUCTIONS BEFORE STARTING

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*(Two people will be needed for this operation.)*

1. The lifting frame must be fully lowered and unlocked. Do not bleed the system with a body on the vehicle.
2. Use a small funnel or a pump to fill up the plastic reservoir (Mobil DTE-13 or Shell Tellus T-32, **cold weather** use Mobil DTE 11 or Shell Tellus T-15).
3. Go to the right side of the **FRONT** cylinder (at the top) and open the bleeder port. There may still be some pressure in the cylinder. **Always wear safety glasses.**



4. After opening the bleeder port, have a helper hold a container at the bleeder plug opening to catch oil. By using a short flexible hose over the bleeder plug, catching the oil will be a lot easier and cleaner.
5. Turn power cut-off switch to **ON** and ignition key to **ON**. Go to the control box and push **DOWN**. Watch the plastic reservoir. **DO NOT RUN THE OIL LEVEL LOW** (less than 2" from bottom). Stop periodically and add additional oil. Air will come out first and then oil from the bleeder port opening. Make sure you have a steady flow of clear oil. If no oil comes out, check the pressure gauge. If it reads less than 1500 PSI, then set the pressure (See "Check and Set the Hydraulic Pressure"). **Try to bleed 2 quarts of oil. Do not let the reservoir run out of oil during this process.**
6. Stop the pump.
7. Close bleeder plug snug. **Do not over tighten!**
8. Go to the left side of the **REAR** cylinder (at the top) and open the port. There may be some oil or air pressure in the cylinder.

9. After opening the bleeder port, have a helper hold a container at the bleeder port opening to catch oil. By using a short flexible hose over the bleeder plug, catching the oil will be easier and cleaner.
10. Go to the control box and push **DOWN**. Watch the plastic reservoir. **DO NOT RUN THE OIL LEVEL LOW** (less than 2" from bottom). Stop periodically and add additional oil. Air may come out first and then oil from the bleeder port opening. Make sure you have a steady flow of clear oil. **Do not let the reservoir run out of oil during this process. Stop the Pump.**



11. Have helper stand clear. Fully raise (push **UP** button) the Chassis Lift.  
*NOTE: The pump will decrease the truck battery power. Run the truck to maintain proper power.*

**Do not lower the system until all air has settled in the plastic tank. Lowering the system with air in the oil may require another bleeding procedure!!**

12. **IMPORTANT** - Be sure the Flow Valve is set correctly. The valve must be set so that the Chassis Lift lowers **SLOWER** than it raises **or oil will overflow!!** The pressure gauge should read around 300 psi when lowering without a body. Tighten lock nut.



13. When the Chassis Lift is lowered, be sure it is sitting on top of the front mounts. When fully lowered, any air space here will indicate air is trapped in the top of the front cylinder.

***THIS PROCEDURE MAY HAVE TO BE DONE TWO OR THREE TIMES!***

*NOTE: Bleeding is not uncommon on new vehicles as air may settle to the top of the front cylinder prior to arrival to your company. **PLEASE call Demountable Concepts, Inc. at 1-800-254-3643 if you have any questions.***

*NOTE: If you think you have an air-bleeding problem PLEASE carefully check if air (or frothy oil) comes out of the front bleeder port during initial bleeding. If you have repeated problems and only oil comes out, **PLEASE call Demountable Concepts, Inc. at 1-800-254-3643.***

*NOTE: If you are installing a new Chassis Lift, a new pump, and a new cylinder or have lost a major amount of oil, **PLEASE call Demountable Concepts, Inc. at 1-800-254-3643** for a different set of bleeding instructions!*

# Customer Service

Service available through:

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