

CVF POWER STEERING BLEEDING PROCESS



THANK YOU FOR YOUR PURCHASE!

*****IMPORTANT***** - It is very important to follow these instructions and procedures entirely. Failure to do so could result in voiding of warranty and severe damage to the power steering pump.

- 1.) Do not start the engine until the entire bleed process is completed and there are no air bubbles present in the reservoir
- 2.) If using a remote reservoir, the fittings on the bottom of the reservoir should be above the fittings on the power steering pump
- 3.) If using a hydro boost system, follow the bleeding instructions from the manufacturer
- 4.) Use only quality power steering fluid, preferably synthetic or one that is specially formulated for race applications. Do Not Use ATF.
- 5.) Do not reduce the return side of the pump if using a remote reservoir. Combination of line ID and fitting couplings should not be smaller than 3/8"

Carefully inspect the power steering system plumbing and ensure that all hoses are free and clear from touching any other part of the vehicle, i.e., not resting on the frame rail or gearbox, etc. Also check that all the fittings are mated correctly and tight.

Bleeding Process:

*****IMPORTANT***** - Please re-read the section above before beginning the bleeding process

1. Disable the vehicle ignition system
2. Raise the front wheels off the ground and secure with jack stands
3. Turn the steering wheel all the way to the left and fill reservoir to appropriate dipstick level or ¼" below threads.
4. SLOWLY turn the wheel from lock to lock (40-50 times). Rushing this step will result in repeating it
 - a. If the fluid level has not dropped or air bubbles are still present this indicates air is still in the system. A rise in fluid level is also indicative of air trapped in the system. Continue to cycle back and forth until there are no air bubbles present and fluid level remains constant.
5. Once fluid remains level and no air bubbles are present and while ignition is still disabled crank the engine for 3-4 revolutions. If the fluid level changes or air bubbles become visible repeat Step 4. Continue until there are no changes in fluid level or air bubbles.
6. Reconnect ignition system and lower car back to the ground. Start the vehicle and let idle for 2-3 minutes while cycling the steering in both directions. At this point you should have smooth operation of the power steering and no noise. The fluid should be clear and free of any bubbles or foam and the level should remain constant. If not, start back at step 1.

If you have any questions regarding this process, please call or email CVF directly.

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