

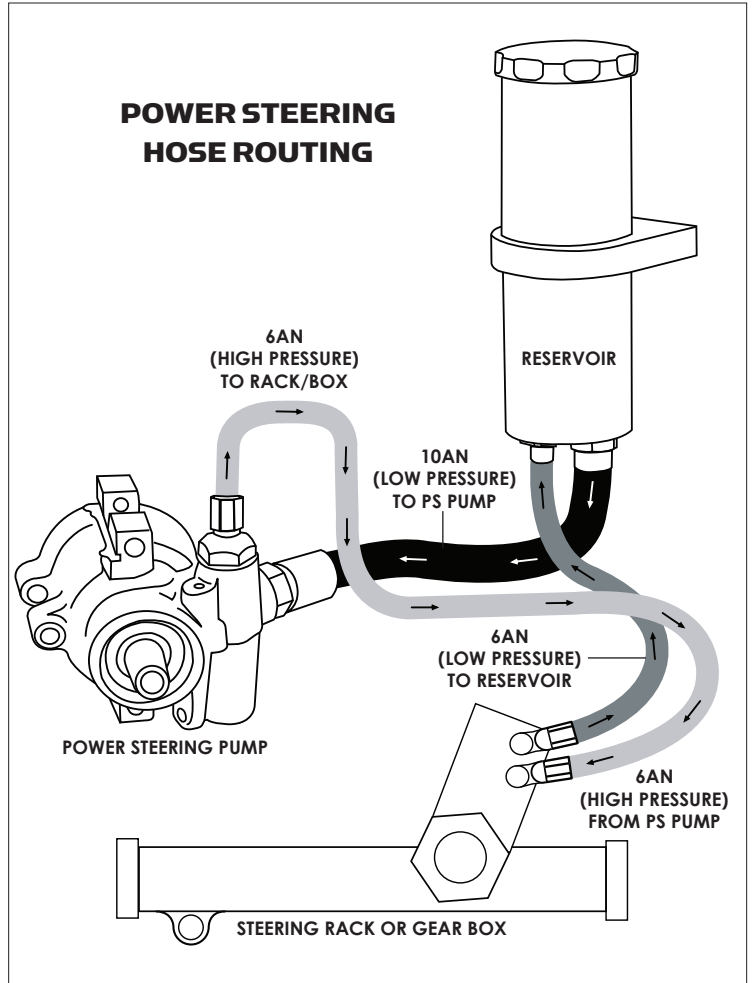


POWER STEERING BLEED PROCEDURE

IMPORTANT

Billet Specialties strongly suggests using a high quality power steering fluid such as Lucas Oil P/S fluid w/ Conditioners, Royal Purple Max EZ P/S fluid, or Red Line Oil P/S fluid. Automatic Transmission Fluid (ATF) should never be used in place of a quality brand name power steering fluid.

- Do not start engine until the power steering system has been bled or damage may occur to the pump.
- Raise the front of the vehicle until the wheels are off the ground and support with jack stands.
- Turn the steering wheel fully to the left and fill power steering reservoir to appropriate level. On Billet Specialties reservoirs we recommend filling reservoir with fluid to 1-3/4" from the top edge or 7/8" above return tube. Leave cap off reservoir at this time.
- With an assistant at the steering wheel, turn the steering wheel lock to lock at least 20 times while you check the fluid level in the reservoir. Trapped air may cause fluid to over flow from reservoir.
- While the steering wheel is being turned, check fluid constantly to ensure proper level and that no bubbles or foam exist in the fluid.
- When the system is properly bled; the fluid level should be steady and there should not be any sign of bubbles or foam in the fluid.
- Start engine, while engine is idling check fluid level again. The system should maintain proper fluid level and remain steady, check for leaks at fittings and bubbles in the fluid. Shut motor off and reinstall cap, return wheels to center and lower vehicle to ground.
- Start the engine with vehicle on the ground and let idle for at least two minutes. Turn steering wheel lock to lock and verify the following conditions:
 1. Smooth power assist
 2. Noiseless operation
 3. Proper fluid level
 4. No system leaks
 5. No bubbles, foam or discoloration in fluid (remove cap to check)
- Turn engine off, power steering fluid should not rise in the reservoir when the motor is turned off. If this occurs, air remains in the system.



POWER STEERING TIPS

- Always mount the remote reservoir higher than the power steering pump, mounting it lower will result in air pockets in the system.
- Mount the reservoir as close to the pump as possible, an ideal place is the radiator core support.
- Power steering hoses must not come in contact with any other part of the vehicle - steering system noise may be caused by the hose(s) touching the chassis.
- Hoses may also suffer damage from rubbing suspension or body components causing hose failure.
- Check all hose connections, loose connections may not leak but can allow air into the system.
- Check all flare seat connections for exact fit.
- Use hose and fittings specified for power steering applications, use of the improper hose may result in the hose collapsing under use and causing heavy steering and or noise.
- Use premium or synthetic power steering fluid only. DO NOT use transmission fluid; transmission fluid does not contain the same friction inhibitors or additives that a power steering system needs.