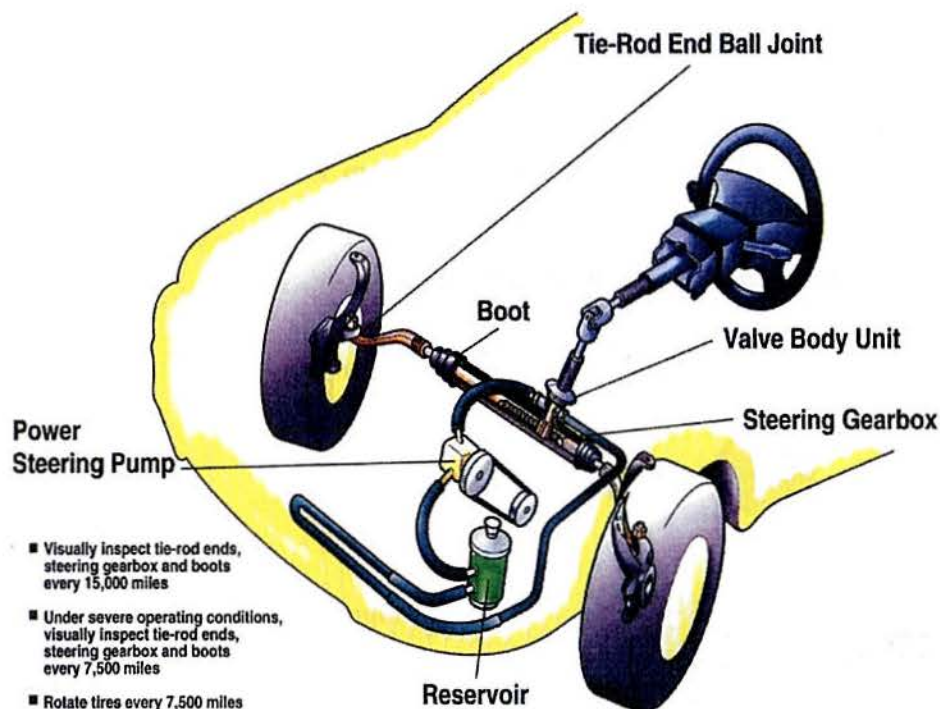


BLEEDING THE STEERING SYSTEM

Check all connections for leaks or other hose problems, Fill fluid to "cold" mark. Safely lift and support vehicle so front wheels clear ground. **With engine off, slowly turn the wheels completely to one lock. Wait 5 seconds, then slowly turn the wheels completely to the opposite lock. Wait 5 seconds then repeat cycle 15-20 times.** Regularly check the reservoir for fluid level. Continue until there is no foaming and fluid looks normal.

Many technicians will fill the system and immediately crank the vehicle in an attempt to bleed the system quickly. If an air pocket exists in a system, it will remain there and greatly increase the probability of pump failure.

*Note: Ford passenger vehicles can be the most difficult when bleeding air from the steering system. The above procedure may be required to be completed several times to eliminate all air from the system.



Tech Hotline: (866) 593-5566 8am to 8pm EST Monday through Friday

ALTERNATORS/STARTERS/ POWER STEERING RACKS, PUMPS & GEARS

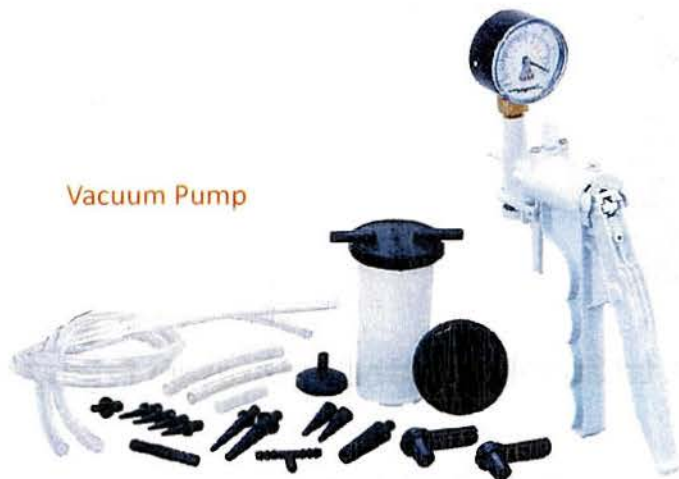


POWER STEERING SYSTEM VACUUM BLEEDING

1. Verify that hoses are routed properly. Contact with the frame or engine may cause system noises.
2. Verify all hose connections are tight.
3. Remove the pump reservoir cap.
4. Fill the reservoir to the FULL COLD level.
5. Tightly insert rubber vacuum plug onto the pump reservoir.
7. Attach the vacuum pump to the rubber vacuum plug.
8. Apply a vacuum of 60-68kPa (18-20 in Hg) maximum for a minimum of 3 minutes.
9. Slowly release the vacuum.
10. Remove the vacuum pump and rubber plug.
11. Repeat steps #4 through #9 until fluid no longer drops.
12. Fill the reservoir to the FULL COLD level*. Reinstall the pump reservoir cap. Start the engine.
Allow engine to idle.
13. Turn of engine. Verify the fluid level.
14. Start the engine. Allow the engine to idle.
- CAUTION: Do not hold steering wheel at the lock to lock positions**
15. Turn the wheel, lock to lock, three times.
16. Switch engine off. Verify fluid level. Check for any signs of air in the system. If air is present repeat the procedure as necessary.

Flushing the system reduces system contamination and increases service life!

*When adding or changing the fluid, be sure to use only the manufacturer's suggested fluid.



Adapter Plugs



This is a quick reference guide only. For more detailed information on system operation and servicing, always refer to a technical service manual or approved information system.