

Air Bleeding Single Steering System

Note: If this is a replacement steering gear, please follow the poppet/plunger adjustment procedure for automatic adjusting steering gears prior to bleeding system.

Caution: For Steps 1 and 2 do not turn steering wheel or air may be induced into system.

Step 1: Fill reservoir to nearly full. Crank the engine for 10 seconds without allowing it to start. If it does start, shut off immediately. Check and refill the reservoir. Repeat process at least three times, checking the reservoir each time.

Caution: Do not allow fluid to drop significantly or run out of reservoir as this may induce air into system.

Step 2: Start engine and let it idle for two minutes. Do not steer. Shut off engine and check the reservoir fluid level. Refill if necessary.

Step 3: Start the engine again. Steer the vehicle from full left to full right several times. Add fluid, as necessary to full line on dipstick.

Note: The above procedure should remove all air from steering system. If gear is mounted in an inverted position and is equipped with a manual bleed screw, commonly found with TRW/Ross steering gears, please continue to step 4.

Step 4: Follow the above procedure. Leave engine idling. With the steering gear in centered position, loosen the bleed screw about one turn (5/16 inch socket required for TRW/Ross, 1/8" allen wrench for Sheppard). This allows the air and aerated fluid to "bleed out" around bleed screw until only clear (non aerated) fluid is present. Close bleed screw and check and fill reservoir if necessary. Torque manual bleed screw to 27-33 inch pounds.

Caution: Do not turn steering wheel with manual bleed screw loosened.

Keep your system clean

We recommend when replacing a power steering pump or gear:

* Inspect all hoses and fittings * Fluid is flushed and replaced *Filter is changed