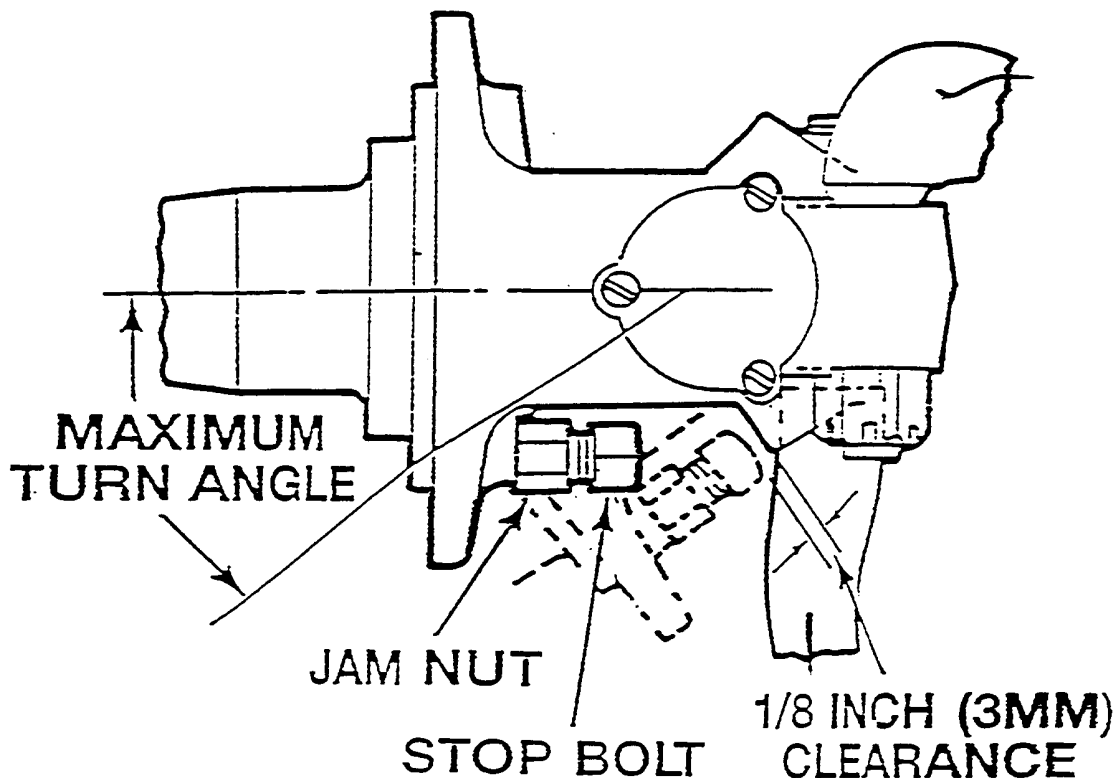


Pressure Relief / Unloading Valve Adjustment

- A. The pressure relief/unloading valves are provided to reduce pressure when the wheels have reached the end of turn.
- B. The valves keep the pump from operating at maximum pressure relief when the steer wheels reach their steering limits.
- C. Adjust axle stops according to the manufacturer's specs
- D. Start the engine and allow it operate at idle speed.
- E. Full weight of the vehicle must be on the wheels.
- F. Turn steering wheel one direction until a high pressure hiss is heard or the axle stop makes contact.
- G. Turn the relief valve in or out until a high-pressure hiss is heard when there is 1/8-inch clearance between the axle stops. (See diagram below).
- H. Repeat the procedure steering in the opposite direction adjusting the valve on the opposite end of the steering gear.
- I. Turning the adjusting screws in increases the clearance between the axle stops. Turning the adjusting screws out decreases the clearance.
 1. On Sheppard steering gears DO NOT screw the adjusting screws out beyond flush with the housing or a leak will occur.



ADJUST THIS POPPET SCREW

