

Service Bulletin

Power Steering Noise

It is possible to hear an audible hiss at the steering wheel during a steering maneuver. This noise can be considered normal and does not adversely affect steering performance. Hydraulic fluid operating under high pressure in a steering system can occasionally create a turbulence as the fluid passes through the flow orifices of the control valve of the steering gear generating an audible sound in the driver compartment. On occasion the resonant frequencies of the chassis and steering gear intersect resulting in this audible hissing sound being transmitted through the steering column. Steering output and performance are not compromised as a result of this noise and operation of the steering system will not be affected. In most cases where a noise is present in the steering system, the noise is prevalent only at static steer or low speed maneuver.

Steering noise is not an operational or warrantable repair, but is a driver annoyance situation. This noise can be significantly reduced by installing a noise reduction disk, **Sheppard Part Number 3331991K**, in the return line of the steering gear.

Procedure:

1. Secure the vehicle for servicing.
2. Remove the return line taking care to collect the oil in the drain pan.
3. Remove the return fitting from the steering gear. Note the location of the fitting for reassembly.
4. Install the restrictive disk into the return port of the steering gear using the bladed screwdriver in the slot of the restrictive disk. Turn the disk into the port until it bottoms in the port. Do not over tighten.
5. Install the return line fitting into the steering gear. Locate the fitting to properly align with the return hose. Tighten the fitting and install the return hose
6. Fill the reservoir with an approved fluid, check and correct the fluid level in the reservoir. Start the engine and check for leaks.
7. Lower the hood and remove the drain pan.

Should you have any questions on this procedure, please contact Sheppard Power Steering Field Service at **1-800-274-7437**.