



**SHEPPARD**  
*Quality Engineered Products. Unlimited Capabilities.*

**POWER STEERING TROUBLESHOOTING CHECKLIST**

Before proceeding with the following tests, check all mechanical and external conditions before hydraulic testing. **Do not remove the steering gear or pump until hydraulic tests are completed and an authorization number has been received from Sheppard.**

Date: \_\_\_\_\_  
 Dealer Name & Location: \_\_\_\_\_  
 \_\_\_\_\_  
 Dealer Contact Name: \_\_\_\_\_  
 Contact Phone Number: \_\_\_\_\_  
 Servicing Tech Name: \_\_\_\_\_

**Sheppard Returned Goods  
 Authorization Number:**  
 \_\_\_\_\_

Description of Steering Complaint:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Vehicle Model \_\_\_\_\_ Mileage \_\_\_\_\_ VIN \_\_\_\_\_  
 Engine Model \_\_\_\_\_  
 Steering Gear Model \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Slave Gear Model (if equipped) \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Pump Manufacturer \_\_\_\_\_ Pump Part # \_\_\_\_\_  
 Front Axle Weight Rating \_\_\_\_\_

**Hydraulic Tests: Refer to RH Sheppard Service Manual available on line at: [www.rhsheppard.com](http://www.rhsheppard.com)**  
**Do not remove the steering gear! Install a pressure and flow tester in series with the pressure line of the pump as outlined in the Diagnosis and Troubleshooting Section. Record the following information:**

Engine Idle RPM \_\_\_\_\_  
 Stabilized Oil Temperature \_\_\_\_\_  
 System Backpressure @ Idle \_\_\_\_\_ Backpressure @ Full RPM \_\_\_\_\_  
 Maximum System Pressure (Pump Relief Setting) \_\_\_\_\_ PSI  
 Flow @ Idle with Backpressure Only \_\_\_\_\_ GPM  
 Flow @ Full Governed RPM Backpressure Only \_\_\_\_\_ GPM  
 Flow @ Idle With 1500psi Load Applied \_\_\_\_\_ GPM  
 Flow @ Full Governed RPM With 1500psi Load Applied \_\_\_\_\_ GPM  
 Steering Gear Internal Leakage Right Turn \_\_\_\_\_ PSI \_\_\_\_\_ GPM  
 Steering Gear Internal Leakage Left Turn \_\_\_\_\_ PSI \_\_\_\_\_ GPM  
 Static Steer Pressure Right Turn \_\_\_\_\_ PSI Left Turn \_\_\_\_\_ PSI  
 Static Steer Input Effort Right Turn \_\_\_\_\_ In. Lbs Left Turn \_\_\_\_\_ In. Lbs.

**Sheppard Field Service Hotline: 1-800-274-7437.**

**Call the Hotline for authorization and fax completed checklists to Sheppard at 717-633-4121 for review prior to pump or steering gear replacement authorization. No authorization will be given without a completed checklist.**