



TRW900B Diagnostic Testing Form Rev. 2022

Diagnostic Testing Information

It is recommended that **TRW900A Diagnostic Testing Procedures** be followed completely while performing these tests. **TRW900A Diagnostic Testing Procedures** can be found at www.truck-steering.trw.com under Diagnostics. Further assistance can be found in **Steering System Maintenance**

Dealer/Customer Information

OEM Dealer R.O. #

Dealership

Address City

State/Province ZIP

Contact Name Phone Number

Owner/Company

Vehicle Information

Model VIN

Warranty Start Mileage Miles Kilometers

Date

Repair Date Vocation System

Tire Type System Cooler? Yes No

Diagnostic Information

Customer Complaint

Was complaint occurring during testing? Yes No

Diagnostic Notes

PRELIMINARY CHECKS*

Fluid (Aerated, Discolored)	Yes	No
Hoses (Damage, Leaks, Wear)	Yes	No
Linkage (Damage, Wear)	Yes	No
Intermediate Shaft (Bind, Play)	Yes	No
Gear/Pump (Leaks)	Yes	No
Steering Wheel (Play)	Yes	No

* Provide additional comments in Diagnostic Notes

PUMP INFORMATION & TESTS

Pump Part Number	<input type="text"/>
Serial Number	<input type="text"/>
Engine Idle RPM	<input type="text"/>
System Temperature	<input type="text"/>

TABLE A

	<u>GPM</u>	<u>PSI</u>
IDLE (Load Valve Open)	<input type="text"/>	<input type="text"/>
500 PSI (Load Valve)	<input type="text"/>	
1500 PSI (Load Valve)	<input type="text"/>	
Load Valve Closed		<input type="text"/>
1500 RPM (Load Valve Open)	<input type="text"/>	<input type="text"/>
500 PSI (Load Valve)	<input type="text"/>	
1500 PSI (Load Valve)	<input type="text"/>	
Load Valve Closed		<input type="text"/>
Erratic?	Yes	No

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GEAR INFORMATION & TESTS

Gear Part Number	<input type="text"/>
Serial Number	<input type="text"/>
Assist Cylinder Part Number	<input type="text"/>
Serial Number	<input type="text"/>
System Temperature	<input type="text"/>

TABLE B

Pressure Range (while turning)

PSI @1500 RPM

Minimum Maximum

Left

Right

Poppet Trip Pressure

PSI @1500 RPM

Left

Right

TABLE C

Internal Leakage

Primary Gear

GPM PSI

Left

Right

With Assist Cylinder (If Applicable)

Left (isolated)

Right (isolated)