



TRW900B Diagnostic Testing Form Rev. 2017

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 Date Mileage Miles Kilometers

Repair Date Vocation System

Tire Type System Cooler? Y N

Diagnostic Information

Customer Complaint

Was complaint occurring during testing? Y N

Diagnostic Notes

PRELIMINARY CHECKS*

Fluid (Aerated, Discolored) (Y) (N)

Hoses (Damage, Leaks, Wear) (Y) (N)

Linkage (Damage, Wear) (Y) (N)

Intermediate Shaft (Bind, Play) (Y) (N)

Gear/Pump (Leaks) (Y) (N)

Steering Wheel (Play) (Y) (N)

* Provide additional comments in Diagnostic Notes

PUMP INFORMATION & TESTS

Pump Part Number

Serial Number

Engine Idle RPM

System Temperature

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? (Y) (N)

GEAR INFORMATION & TESTS

Gear Part Number

Serial Number

Assist Cylinder Part Number

Serial Number

System Temperature

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)