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# ALLDATA

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To: CARDONE INDUSTRIES  
Attention: STAN  
Email Add: schoynacky@cardone.com

Feedback ID: 1927371  
Additional Request: N  
Action: MISSING  
Product:

# Pages: 2 LRS: RP Bus. #: 215-912-3873

Fax #: 215-912-3869

CSR: mcano

Year	Make	Model	Engine	Trans
1900	Unlisted	Vehicle	-	A

Toc Zone: 39 - Steering and Suspension

Component/Path: Steering  
Power Steering  
Power Steering Pump

Info Type: 28 - Specifications

Additional Info:

Problem: 1964 Ford Galaxie V8 390 - Stan is looking for pressure specifications for the Power Steering system / pump

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LRS Comments:

*If the data received does not meet your needs please let us know*

*Thank You for choosing ALLDATA*

## REAR LEAF SPRING

Body Style	Number of Leaves	Capacity at Normal Load Height	Spring Length at Normal Load
Hardtop	4	880-920 pounds	60 inches
Convertible	4	980-1020 pounds	60 inches

## SUSPENSION LUBRICATION

Steering Arm Stop	M-1C31
Rear Spring Bushings And Center Mounting Insulator	M-99C45-A

## WHEELS AND TIRES

Model Application	Tire Size	Inflation Pressure (psi)*		Wheel Type	Rim Type	Bolt Circle Diameter (inches)	Number of Bolts	Wheel Nut Torque (Foot-Pounds)	Front Wheel Bearing End Play
		Front	Rear						
Ford Sedan	300	7.00 x 14⊕	24	Disc	5.5J	4.5	5	75-110	0.005 to 0.0065 with torque at 17-25 ft-lbs (With nut backed off one castellation)
	500	7.50 x 14⊕							
Mercury Sedan		8.00 x 14							
Convertible	Six	7.50 x 14							
	V-8	8.00 x 14							
Station Wagon		8.00 x 14	28		6.0J				
Police & Taxi		6.70 x 15	24		5.5J				

\*For Sustained High Speed Driving or for Hauling Heavy Loads, add 4 lbs. to recommended pressures.

⊕ Use 7.50 x 14 with Air Conditioning; or with Power Brakes and Power Steering; or with 352 CID Engine.

⊗ Use 8.00 x 14 with Air Conditioning.

## TREAD WIDTH AND WHEELBASE

Front Tread Width.....	61 inches
Rear Tread Width.....	60 inches
Wheelbase.....	119 inches

## LUBRICATION

Front Wheel Bearings.....	Pack with ESA-M1C60-A
Front Wheel Bearing Seal.....	Soak in Oil M-4629

## POWER STEERING

## CHECKS AND ADJUSTMENTS

Maximum Pull Required to Turn Wheel at Least One Complete Turn, Either Direction (Engine Idling)	12 pounds
Normal Fluid Pressure Against Either Stop (Engine Idling)	
Mileage Maker Six or 289 V-8	700- 900 psi
352 or 390 V-8	950-1100 psi
Control Valve Spool Travel (from Center)	Approx. 0.060 inch

## POWER STEERING RESERVOIR FILL\*

Engine Mounted Reservoir	Fill to a point ¼ inch from top, or to the "F" mark on the dipstick.
Remote (Fender) Mounted Reservoir	Fill to 1 inch from the top of the reservoir.

\*Use Automatic Transmission Fluid M2C33-C or -D.

## STEERING SPECIFICATIONS, ADJUSTMENTS AND TOLERANCES

## STEERING GEAR

Model	HCA-AX	HCA-BL
Gear Type	Manual	Power
Gear Ratio	22:1	20:1
Turns of Steering Wheel (Stop to Stop) #	5½	5
Lube Capacity	11 Oz.	11 Oz.
Worm Bearing Preload @	4-5 in-lbs	3-4 in-lbs
Total Preload (Worm Bearing Plus Sector Mesh) \$	9-10 in-lbs	*8-9 in-lbs

## ADJUSTMENTS

Adjusting screw clearance at bottom of sector shaft T-slot—.000"-.002".  
Backlash at 30° on either side of straight ahead steering position—None  
Sector shaft end play—Steering linkage disconnected—None

## NOTES

# Gear Only—Not attached to Pitman arm

@ Torque required to rotate input shaft at approx. 1½ turns either side of center. (Gear out of car or steering wheel removed and Pitman arm disconnected)

\$ Required to rotate input shaft and worm assembly past center high point

\* Total preload must be a minimum of 2 in-lbs greater than bearing preload