

# ALLDATA

Send Via: EMAIL

Library Research Services  
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Attention: STAN  
Email Add: schoynacky@cardone.comFeedback 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

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	300 500	7.00 x 14Ⓢ 7.50 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)
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							
Police & Taxi	6.70 x 15	24	6.0J 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