

Submitted by Phil Peters - Durant Technical Advisor

1929 Durant Model 60
General Facts, Specifications & Data

Type Bodies: Roadster, Coupe, 2 Door Sedan, Sedan, Cabriolet
Manufacturing Locations: Oakland, CA, Elizabeth, NJ, Lansing, MI, Leaside, Toronto
Total Sales-1929 Durant-47,716, 1922-32-166,838
Total Durant/Star/etc. 1922-32 Sales-595,368

Basic Specifications:

Wheelbase: 109/110"

Engine:

Cylinders: 6

Type: Continental 14L/15L

Brake HP: 47 @ 2,800 RPM

Spark Plugs: AC Type A Gap: .025-.027"

Valve Spring Tension-85# @ 2"

Valve Settings (Hot) - Intake and Exhaust: .006/.008"

Oil Filter: Filtrator (Baldwin P-174)

Oil Capacity: 6 quarts

Timing: 8 1/2 degrees BTDC (2 1/2 teeth)

Firing Order: 1-5-3-6-2-4

Displacement: 185 cu. in.

Brake HP: 47 @ 2,800 RPM

Spark Plugs: AC Type A

Valve Settings (Hot)

Oil Pressure: 10-40 PSI

Dwell: 38-42 degrees(est.)

Compression: 70 PSI

Bore: 2 7/8" Stroke: 4 3/4"

Compression Ratio: 4.79 to 1

Gap: .025-.027"

Oil Grade-30w

Point Gap: .020-.022"

Carburator:

Type: Tillotson/Zenith(New)

High Speed/Main Jet Adj. 1 3/4-2 1/4/ 1 1/2 turns

Service Kit P/N: NA/K2033

Model: SP-13B/13922

Float Level: 13/16"/1 7/32"

Idle Speed: 775 RPM

Idle Adj.: 3/4-1 1/4/ 3/4 turns

Electrical:

Starter: Autolite MZ-4012

Generator: Autolite GAL-4104, 4107

Distributor: Autolite 1GB-4006B, C, 4F

Battery: 6 Volt Negative Ground

Mazda Lamp Spec: Headlight-1129, Rear-63, Instrument-64, Dome-81

Starter: Autolite MZ-4012

Fuse-20 amp

Distributor: Autolite 1GB-4006B, C, 4F

Rating: 90 AMP hour

Coil: Autolite 1G-4070

Battery Cable Lengths-23.5/5.5/13"

Drive Train:

Clutch Disc: I.D.-6.5", O.D.-9 7/8", Thick.-5/32", Segments-8(1.5" x 3.25"@ 4" radius)

Clutch Bearing: Nice 4923

Transmission-Own/Wagner: 3 Speeds Forward, 1 Speed Reverse

Ratio: 1st - 3.32:1, 2nd - 1.77 :1, 3rd - 1:1, Reverse - 4.2:1

Trans. Bearings-New Departure-12071/1206

Rear End-Own/Wagner - Ratio: 4:44 to 1

Pinion Teeth: 9, Ring Gear Teeth-40

Pinion Bearings-Timkin 2689-2631(Front), 3187-3120A(Rear)

Differential Bearings-Ball 208

Axle Bearings-Timkin R0261T/R02527

Axle Seals-CR-17271/National-473237

Pinion Seal-TCM 168263 VHY/Federal Mogel-473446

Brakes: Mechanical-Bendix

Size: 11" Dia. (5/32" Thick x 1.5"W x 59.25"TL)

Tires: 19" diameter X 5.00"

Pressure: 34 PSI

Alignment:

Total Caster (Empty):1 degree Camber: 2 degrees (5/8")

Toe-in: 1/8"

King Pin Incline: 6 degrees

Steering Ratio: 11:1

Steering Wheel- 17" dia.

Steering Type: Worm & Gear

Bearings: 17904

Front Wheel Bearings: Timkin-Inner-14132 cone-14274 cup, Outer-09074 cone-09194 cup

Cooling:

Radiator-Fedders: 3 Gallons

Upper Hose: 1 1/4" x 5"

Lower hose: 1 1/4" x 5"

Capacity:

Gas Tank: 10-11.5 gals

Rear End: 1Qt.(600wt)

Trans: 1 Qt.(600wt)

Suppliers:

Headlites: Corcoran Lamp Co.

Lenses:

Glolite 988GL-Clear-9.375" dia. x 1/8" thick.

Windshield Wiper: Trico-8" long

Vacuum Tank: Stewart Warner-Model 309

Wheels: Bimel/Kelsey Hayes-19" Wood, Opt. Budd Wire

Gauges: Temperature-Moto Meter-Opt., Oil Press./Ammeter-Nagel Electric

Timing Chain: Morse

Vibration Damper: Lanchester

Thermostat: Motostat-160 degrees/New NAPA 17-170 degrees

Fan Belt: Caten-Flat 40" x 1"/New-Gates K060-408 41.75" x 13/16"

Cooling Fan: Schwitzer-Cummins Co.-4 blade

Ign. Switch: Clum Mfg. Co.

Ammeter: Nagel Electric Co.

Drive Line: Spicer

Springs: Eaton

Spring Shackles: Tyron

Chassis Lubrication System: Alemite

Paint: Acme White Lead &Color Works

Tunis & Florentine Blue

Albambra Tan

Brazilian Brown

Galway, Cambray, Shepbrooke & Calbary Green