

1929 Gardner

Specifications

Source – MoToR January 1929

Major Specifications of 1929 Cars

Engine Details, Weight, Tire Size, Wheelbase, Axle Clearances

MAKE AND MODEL	Price cheapest 5-passenger 4-door sedan	Engine make and model	No. of cylinders and valve arrangement	Bore and stroke	Piston displacement	Taxable H. P.	Maximum brake H. P.	Compression			Weight cheapest 5-passenger 4-door sedan	Gear ratio 5-passenger 4-door sedan	Tire size	Axle clearance for jack (tires inflated)		Wheelbase	Crankcase ventilating system	Oil filter or rectifier, make	Engine lubricating system, type	Chassis lubricating system, make	Fuel feed, make	Carburetor, make and model	Carburetor, size
								Standard	Optional					Front	Rear								
									Ratio	Ratio														Cost
Gardner, 120.....	1595	Lycmg GT	8L	2¾x4¾	225.7	24.20	65@3200	5.00	No	No	.....	4.90	29x5.50	9	13½	122	....	Purol	Pr	Alemite	Stew	Sheblr SX222	1¼
Gardner, 125.....	1895	Lycmg GS	8L	2¾x4¾	246.7	26.45	85@3400	5.05	No	No	.....	4.90	31x6.00	9	13½	125	....	Purol	Pr	Alemite	Stew	Sheblr SX356	1¼
Gardner, 130.....	2395	LycmgMDG	8L	3¼x4½	298.6	33.80	115@3300	5.25	No	No	.....	4.45	30x6.50	12½	12½	130	....	Purol	Pr	Alemite	Stew	Sheblr SX356	1¼

WARNING: The above details are from MoToR January 1929 and appear to have 1928 data. The 1929 Gardner with models 120, 125 and 130 ran from Sept 1, 1928 to July 31, 1929.

Below are details published in MoToR June 1929 with updates in **RED**.

Gardner, 120.....	1595	Lycmg GT	8L	2¾x4¾	225.7	24.20	76@33	4.90	No	No	.....	4.90	29x5.50	9	13½	120	....	Purol	Pr	Alemite	Stew	Sheblr SX222	1¼
Gardner, 125.....	1895	Lycmg GS	8L	2¾x4¾	246.7	26.45	88@33	4.88	No	No	.....	4.90	31x6.00	9	13½	125	....	Purol	Pr	Alemite	Stew	Sheblr SX381	1¼
Gardner, 130.....	2395	LycmgMDG	8L	3¼x4½	298.6	33.80	125@33	4.45	No	No	.....	4.45	30x6.50	12½	12½	130	....	Purol	Pr	Alemite	Stew	Sheblr SX356	1¼

§ — Indicates equipment not fitted

<p>A — Air a — Own rear Bendix front AC — AC Spark Plug Co AMaze — Air Maze Corp AutoLt — Electric Auto-lite Co B&B — Borg & Beck Co Bendix — Bendix Brake Co BLipe — Brown Lipe Gear Co Clark — Clark Equipment Co. C & L — Cam & lever Ca — Cantilever</p>	<p>Colmba — Columbia Axle Co Cone — Continental Motors Corp DeJon — Electric Auto-lite Co DelRem — Delco Remy Corp Dole — Dole Valve Co ¾E — ¾ Elliptic ¾F — ¾ Floating FE — Full elliptic FF — Full floating GasCo,GS — GasCo-Lator, Bassick Mfg. Co</p>	<p>Gemr — Gemmer Mfg Co Handy Hd — Handy Cleaner Corp Hyd — Hydraulic HydPS — Hydraulic Pressed Steel Co Jacox — Saginaw Products Co, LFFram — Left front frame member Lockd — Lockheed-Hydraulic Brake Co Long — Long Mfg Co</p>	<p>MdInd — Midland Steel Products Co Mech — Mechanical Motrst — Motorstat-Bishop & Babcock Mfg Co Murry — Murray Mfg Co NoEast — North East Electric Co ODynto — Owen Dyneto Corp P — Pump Parish — Parish Pressed Steel Co</p>	<p>Pine — Pine Winterfront RCMemb — Rear cross member RFFram — Right front frame Rock — Rockford Drilling Machine Co. Ross — Ross Gear & Tool Co RRFram — Right rear frame Salsby — Salisbury Axle Co SE — Semi-elliptic SF — Semi-floating Smith — AOSmithCo</p>	<p>Sp — Springs Stew — Detroit Lubricator Co Stewart Warner United, Un — United Air Speedometer Corp Sylphn SY — Sylphon-Fulton Co T — Thermosyphan TA — Torque Arm Till — Tillotson Mfg Co Tmken — Timken-Detroit Axle Co Tr — Transverse</p>	<p>Trans — Transmission TT — Torque tube United, Un — United Air Cleaner Co Vac — Vacuum W&G — Worm and gear W&N — Worm and nut W&R — Worm and roller W&S — Worm and sector W&W — Worm and wheel Westgh — Westinghouse 4Whl — 4 Wheels</p>
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Major Specifications of 1929 Cars

Make of Thermostat, Starting, Lighting, Ignition, Clutch, Axles, Brakes, Steering, and Springs

MAKE AND MODEL	Fuel filter, make	Air cleaner, make	Type, water circulation	Location of chassis serial number	Cooling		Electrical		Clutch		Drive		Axles		Brakes			Steering gear		Frame							
					Water thermostat, make	Radiator shutter, make	Ignition, make	Generator, motor, make	Make	No. of driving discs	No. of driven discs	Transmission	Propulsion by	Rear		Front		Service		Hand Location	Rear springs, type	Type	Make	Make	Depth	Thickness	Flange width
														Make	Type	Make	Type	Type	Make								
Gardner, 120.....	Gasco	AMaze	P	Fedco	Dole	\$	DelRem	DelRem	B&B	2	1	Unit	Sp	Colmba	SF	Colmba	5	Hyd	Lockd	Trans	SE	C&L	Ross	Midlnd	7	1/8	2
Gardner, 125.....	Gasco	AMaze	P	Fedco	Yes	\$	DelRem	DelRem	B&B	2	1	Unit	Sp	Colmba	SF	Colmba	5	Hyd	Lockd	Trans	SE	C&L	Ross	Midlnd	7	3/8	2
Gardner, 130.....	Gasco	AMaze	P	Fedco	Dole	\$	DelRem	DelRem	B&B	2	1	Unit	Sp	Colmba	SF	Colmba	5	Hyd	Lockd	Trans	SE	C&L	Ross	Midlnd	7	3/8	2

\$ — Indicates equipment not fitted

A — Air
 a — Own rear Bendix front
 AC — AC Spark Plug Co
 AMaze — Air Maze Corp
 AutoLt — Electric Auto-lite Co
 B&B — Borg & Beck Co
 Bendix — Bendix Brake Co
 BLipe — Brown Lipe Gear Co
 Clark — Clark Equipment Co.
 C & L — Cam & lever
 Ca — Cantilever
 Colmba — Columbia Axle Co
 Cone — Continental Motors Corp
 DeJon — Electric Auto-lite Co
 DelRem — Delco Remy Corp
 Dole — Dole Valve Co
 3/4 E — 3/4 Elliptic
 3/4 F — 3/4 Floating
 FE — Full elliptic
 FF — Full floating
 GasCo, GS — GasCo-Lator, Bassick Mfg. Co
 Gemr — Gemmer Mfg Co
 Handy Hd — Handy Cleaner Corp
 Hyd — Hydraulic
 HydPS — Hydraulic Pressed Steel Co
 Jacox — Saginaw Products Co.
 LFFram — Left front frame member
 Lockd — Lockheed-Hydraulic Brake Co
 Long — Long Mfg Co
 Mdlnd — Midland Steel Products Co
 Mech — Mechanical
 Motrst — Motorstat-Bishop & Babcock Mfg Co
 Murry — Murray Mfg Co
 NoEast — North East Electric Co
 ODynto — Owen Dyneto Corp
 P — Pump
 Parish — Parish Pressed Steel Co
 Pine — Pine Winterfront
 RCMemb — Rear cross member
 RFFram — Right front frame
 Rock — Rockford Drilling Machine Co.
 Ross — Ross Gear & Tool Co
 RRFram — Right rear frame
 Salsby — Salisbury Axle Co
 SE — Semi-elliptic
 SF — Semi-floating
 Smith — AOSmithCo
 Sp — Springs
 Stew — Detroit Lubricator Co
 Stewart — Warner
 Speedometer Corp
 Sylphn SY — Sylphon-Fulton Co
 T — Thermosyphan
 TA — Torque Arm
 Till — Tillotson Mfg Co
 Tmken — Timken-Detroit Axle Co
 Tr — Transverse
 Trans — Transmission
 TT — Torque tube
 United, Un — United Air Cleaner Co
 Vac — Vacuum
 W&G — Worm and gear
 W&N — Worm and nut
 W&R — Worm and roller
 W&S — Worm and sector
 W&W — Worm and wheel
 Westgh — Westinghouse
 4Whl — 4 Wheels

Cylinders, Pistons, Rings, Connecting Rods—1929

MAKE AND MODEL	No. of cylinders and valve arrangement	Bore and stroke	Engine mounting rub-ber, front, rear or both	Engine Make	Cylinder bore finish	Piston										Piston ring				Wristpin			Wristpin bushing			Connect-ing rod			Connecting rod bearing				
						Make or material	Features	Weight, ounces	Length	Clear-ance		Ring groove depth		Is lower groove drilled radially	Oil		Comp.		Length	Diameter	Locking method	Length	Outside diam.	Inside diam.	Length	Material	Weight, ounces	Material	Make	Diam-eter and length	Clearance	Type of shims	
										Top	Bottom	Oil	Comp.		No. used	Width	No. used	Width															Max. wall thickness
Gardner, 120.....	8L	2 $\frac{3}{4}$ x4 $\frac{3}{4}$		LyGT		LycCI	.....	16	3 $\frac{1}{2}$	016	003	146	146	Yes	2	1 $\frac{1}{8}$	2	1 $\frac{3}{8}$	.....	2 $\frac{3}{8}$	7 $\frac{1}{8}$	.....	1	1.005	7 $\frac{1}{8}$	9 $\frac{1}{2}$	1035	37	Babb	Fedrl	2 $\frac{1}{8}$ x1 $\frac{1}{4}$	0015	None
Gardner, 125.....	8L	2 $\frac{1}{2}$ x4 $\frac{3}{4}$		LyGS		NeBohAlAl	.....	23	3 $\frac{1}{2}$	016	002	146	146	No	1	1 $\frac{1}{8}$	2	1 $\frac{3}{8}$	.....	2 $\frac{3}{8}$	7 $\frac{1}{8}$	.....	1	1.068	7 $\frac{1}{8}$	9	1035	38 $\frac{1}{2}$	Babb	Fedrl	2 $\frac{1}{8}$ x1 $\frac{1}{4}$	0015	None
Gardner, 130.....	8L	3 $\frac{1}{4}$ x4 $\frac{1}{2}$		LyMDG		NeBohAlAl	.....	25	3 $\frac{1}{2}$	.....	002	146	146	No	1	1 $\frac{1}{8}$	2	1 $\frac{3}{8}$	.....	2 $\frac{3}{8}$	7 $\frac{1}{8}$	.....	1	1.068	7 $\frac{1}{8}$	9	Dural	1.56	Babb	Fedrl	2 $\frac{1}{8}$ x1 $\frac{1}{2}$	002	None

AlAl — Aluminum
Babb — Babbitt
BrBB — Bronze backed Babbitt
Cn, Cont — Continental Motors Corp.
C — Cast Iron
Crvm Vn — Chrome Vanadium

DeLuxe — DeLuxe Products Corp.
Dural — Duralluminum
Fedrl — Federal Mogul Corp.
Fearg — Fehrig
Flt — Floating
G — Ground

H — Honed
Invar — Invar Struts
L — Lapped
L, Ly, Lyc, Lycomg — Lycoming Motors Corp.
Lamd — Laminated

Lynit, Lynite — Aluminum Co. of America
Molym — Molybdenum
NCI — Nickel Cast Iron
NeBoh — Nelson
Bohnalite
Pist — Piston

R — Reamed
RaDa — Ray Day
S — Sleeve
SeStl — SemiSteel
Slottd — Slotted
Numbers which specify material refer to SAE specifications.

Crankshaft, Timing Gears and Camshaft—1929

MAKE AND MODEL	Vibration damper or front flywheel	Vibration damper type	Counterweights on crankshaft	Which take thrust	Crankshaft bearings										Crankshaft gear		Camshaft gear		Generator gear		Timing chain							
					End play	Material	Clearance	No. 1 diameter and length	No. 2 diameter and length	No. 3 diameter and length	No. 4 diameter and length	No. 5 diameter and length	No. 6 diameter and length	No. 7 diameter and length	Make	Material	Make	Material	Make	Material	Make	Length	Number of links	Width	Pitch	Adjust-ment		
Gardner, 120.....	VD	.....	No	3	004	Babb	002	2 $\frac{3}{8}$ x1 $\frac{3}{4}$	2 $\frac{3}{8}$ x1 $\frac{1}{2}$	2 $\frac{3}{8}$ x1 $\frac{5}{8}$	2 $\frac{3}{8}$ x1 $\frac{1}{2}$	2 $\frac{3}{8}$ x1 $\frac{3}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Morse	24 $\frac{1}{2}$	49	1 $\frac{1}{4}$	1 $\frac{1}{2}$	No
Gardner, 125.....	VD	.....	No	3	004	Babb	002	2 $\frac{3}{8}$ x1 $\frac{1}{2}$	2 $\frac{3}{8}$ x1 $\frac{5}{8}$	2 $\frac{3}{8}$ x1 $\frac{5}{8}$	2 $\frac{3}{8}$ x1 $\frac{5}{8}$	2 $\frac{3}{8}$ x1 $\frac{5}{8}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	LkBlt	24 $\frac{1}{2}$	49	1 $\frac{1}{4}$	1 $\frac{1}{2}$	No
Gardner, 130.....	VD	.....	No	2	004	BrBB	002	2 $\frac{3}{8}$ x2 $\frac{3}{4}$	2 $\frac{3}{8}$ x1 $\frac{3}{4}$	2 $\frac{3}{8}$ x2	2 $\frac{3}{8}$ x1 $\frac{3}{4}$	2 $\frac{3}{8}$ x1 $\frac{3}{4}$	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	LkBlt	34	85	1 $\frac{1}{2}$	.4	Manl

Auto—Automatic
Babb—Babbitt
BrBB—Bronze backed Babbitt
Celrn—Celoron Co.—division of Diamond State Fibre Co.
Clron—Cast Iron
Cont—Continental Motors Corp.

Fbrc—Fabric
FF—Front Flywheel
GE—General Electric Co.
La—Lanchester
LkBlt—Link Belt Co.
Lycom—Lycoming Motors Corp.

Manl—Manual
Mcy—Mercury
Morse—Morse Chain Co.
Ramsey—Ramsey Chain Co.
SeStl—Semi Steel
Textolite—General Electric Co.

Vn—Various
VD—Vibration Damper
Numbers which specify material refer to SAE specifications.
1—Packard 626, 633, 640, 645—No. 8
2 $\frac{3}{8}$ x $\frac{1}{2}$ No. 9 2 $\frac{3}{8}$ x2 $\frac{1}{2}$

2—Stearns Knight H. J.—No. 8 3x1 $\frac{1}{2}$ No. 9 3x3
3—StutzM—No. 8 2 $\frac{1}{2}$ x1 $\frac{1}{2}$ No. 9 2 $\frac{1}{2}$ x2 $\frac{5}{8}$ Whitney

Valves and Lubrication—1929

MAKE AND MODEL	Valve make		Valve head		Angle of valve seat	Valve stem				Valve spring pressure and length				Tapet clearance		Valve timing					Oil pressure			Oil pressure to			Chassis lubrication									
	Intake	Exhaust	Material	Diameter		Material	Length	End type	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Opens	Closes	Opens	Closes	Opens	Closes	Oil grade recommended	Normal oil pressure, pounds at m.s.h.	Pressure at which relief valve opens, lb per sq. in.	Capacity of oil reservoir, quarts	Oil pressure gauge, make	Drain oil, miles	Type of drain	Oil reservoir gauge type	External oil filter, make	Oil recifier, make	Type	Mkr		
					Valve Closed																														Valve open	Valve closed
	A—After		B—Before		CrnNk—Chrome Nickel		Gr—Groove		L&M—Light in Winter; Medium in Summer		Natnl—National Gauge & Equipment Co.		PH Plunger		RSP—Rich Steel Products Co.		Th—Threaded		Va—Various																	
AC—AC Spark Plug Co.		Bijur—Bijur Lubricating Corp.		CrSil—Chromium Silicon		H—Hot		Ly—Lyc-ning		NckSt—Nickel Steel		Pin H Plain		Co—Co.		Tmpan—Thompson Products, Inc.		Wall—Brandenburg Bros. & Eccleston																		
Gardner, 120	Crn Nk	Siler	Gr	Gr	50	50	006H	008H	DC	45A	50B	10A	No	Pr	Pr	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Cent	Alemite
Gardner, 125	3140	Siler	.....	.....	Gr	Gr	50	50	.....	.....	006H	008H	DC	45A	50B	10A	No	Pr	Pr	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Cent	Alemite		
Gardner, 130	3140	Siler	.....	.....	Gr	Gr	36	36	.....	.....	006H	008H	DC	45A	50B	10A	No	Pr	Pr	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Cent	Alemite			

A—After
 AC—AC Spark Plug Co.
 Acryl—Acroloy
 Ad—Adjustable
 Alemite—Bassick Mfg. Co.
 AZerk—Alemite Zerk—Bassick Mfg. Co.
 AlySt—Alloy Steel
 Auto—Automatic
 B—Before
 Bijur—Bijur Lubricating Corp.
 Bowen—Bowen Products Corp.
 C—Cold
 Cent—Central
 Con—Continental Motors Corp.
 CrnNk—Chrome Nickel
 CrSil—Chromium Silicon
 DC—Dead Center
 Det Sp—Detroit Steel Products Co.
 Floa—Float
 G—Gear
 Gits—
 Gr—Groove
 H—Hot
 Handy—Handy Cleaner Corp.
 Hvy—Heavy
 HWHF—HWH Filtrator—Rich Tool Co.
 Id—Idle
 L&M—Light in Winter; Medium in Summer
 Ly—Lyc-ning
 M&H—Medium in Winter; Heavy in Summer
 Med—Medium
 Nagel—Nagel Electric Co.
 Natnl—National Gauge & Equipment Co.
 NckSt—Nickel Steel
 OC—Oil Cups
 OH—Oil Holes
 Oiln—Oilo meter-Stanley Auto Products, Inc.
 PG—Pressure Grease
 PH Plunger
 Pin H Plain
 PO—Pressure Oil
 Pr—Positive
 Pr—Pressure
 Purol—Purador—Motor Improvements, Inc.
 RichT—Rich Tool Co.
 RSP—Rich Steel Products Co.
 Silen—Silicon
 Siler—Silchrome
 Skirr—Skinner Automotive Devices Co.
 Sp—Splash
 Ta—Tapered
 Th—Threaded
 Tmpan—Thompson Products, Inc.
 TSP—Toledo Steel Products Co.
 Tung—Tungsten
 U.S.—U. S. Gauge Co.
 V—Vane
 Va—Various
 Wall—Brandenburg Bros. & Eccleston
 \$ Indicates equipment not fitted
 Numbers which specify material refer to SAE specifications.

Fuel and Cooling Systems—1929

MAKE AND MODEL	Fuel system										Cooling system																						
	Gasoline tank		Feed		Carburetor						Intake		Exhaust		Water pump		Radiator shutter		Radiator		Radiator hose				Fan belt			Fan, make					
	Make	Capacity	Type	Make	Gasoline filter, make	Make and model		Size	Type	Mixtu e heating	Heat adjustment	Electric mixture heating	Air cleaner make	Diam. exhaust pipe	Muffler, make	Circulation, type	Type	Drive	Thermostat, make	Make	Control	Type	Make	Capacity, gallons	Lower		Upper		Type	Coupling	Make	Length	Width
						Inside diameter	Length																		Inside diameter	Length							
Gardner, 120	Evans	16	VT	Stew	Gasco	ShbSX222	1 1/4	AVal	VR	None	...	AMaz	2 1/4	Powel	P	Cent	.....	Dole	.....	.....	Fedder	5 1/2	11 1/2	11-9 1/2	1 1/2	9 1/2	V	End	.....	45 1/4	5 1/2	Hy Duty	
Gardner, 125	Evans	16	VT	Stew	Gasco	ShbSX356	1 1/4	AVal	VR	None	...	AMaz	2 1/4	Powel	P	Cent	.....	Yes	.....	.....	Clur	Fedder	5 1/2	11 1/2	11-9 1/2	1 1/2	9 1/2	V	End	.....	45 1/4	5 1/2	Hy Duty
Gardner, 130	Evans	16	VT	Stew	Gasco	ShbSX356	1 1/4	Dual	.....	.....	.....	AMaz	2 1/4	Powel	P	Cent	.....	Dole	.....	.....	Clur	Fedder	5 1/2	11 1/2	4-6-9	1 1/2	6	V	Cou	GratK	36	5 1/2	Hy Duty

A—Air
 AC—AC Spark Plug Co.
 AF&B—Auto Fan & Bearing Co.
 AMaz—Air Mase Corp.
 Aut, Auto—Automatic
 AutoPrt—Auto Parts
 AVal—Air valve
 Ball—Penberthy Injector Co.
 Bufflo—Buffalo Pressed Steel Co.
 Ctrr—Carter Carburetor Co.
 Chris—Christian
 Ch—Chain
 Chmpy—Champney
 Clur—Cellular
 Cent—Centrifugal
 Cont—Continental Motors Corp.
 Coup—Coupling
 Dayt—Dayton Rubber Mfg. Co.
 Dole—Dole Valve Co.
 DP—Diaphragm pump
 Dplx—Duplex
 DblV—Double valve
 Dret—Direct
 EJ—Exhaust Jacket
 End—Endless
 ES—Exhaust Stove
 Evans—Evans Mfg. Co.
 Ex—Exhaust
 F—Flat
 Fedder—Fedders Mfg. Co.
 Fedrl—Federal Rubber Co.
 Gasco—Gas-Co-Lator-Bassick Mfg. Co.
 Gates—Gates Rubber Co.
 Gilmer—Gilmer Co.
 Goodch—B. F. Goodrich Tire & Rubber Co.
 Goodr—Goodyear Tire & Rubber Co.
 GratK—Graton & Knight Co.
 Grv—Gravity
 Handy—Handy Cleaner Co
 Harisn—Harrison Radiator Corp
 HR—Heat Riser
 HS—Hot Spot
 HT—Horizontal Tube
 HW—Hot water
 HyDuty—Schwitzer Cummins Co.
 IntSt—International Stamping Co.
 James—Jamestown Metal Equipment Co.
 Johnson
 Long—Long Mfg. Co.
 Man, Manl—Manual
 ManRb—Manhattan Rubber Mfg. Co.
 Marv, Marvel—Marvel Carburetor Co.
 MCrd—McCord Radiator & Mfg. Co.
 Modin—Modine Mfg. Co.
 Motrst—Motorstat-Bishop & Babcock Mfg. Co.
 Oakes—Oakes Co.
 Ohio
 Oldbrg—Oldberg Mfg. Co.
 Olive—Oil Vac—Byrne Kingston & Co.
 P—Pump
 Pines—Pines winterfront
 Powel—Powell Muffler Co.
 Pratt—Pratt Chuck Co.
 Service—Service Products Co.
 Shb, Sheblr—Wheeler Schebler Carburetor Co.
 Shft—Shaft
 Sparta—Spartan-Sparks Withington Co.
 Stew—Stewart Warner Speedometer Corp.
 Stewrt—Stewart-Detroit Lubricator Co.
 Strmb, Stromb—Stromberg Motor Device Co.
 Swan—Swan Carburetor Co.
 Syphn—Syphon-Fulton Co.
 T—Thermo Syphon
 ThrCl—Ther-mo-Cool—Dayton Appliances Co.
 Tilot—Tillotson Mfg. Co.
 United—United Air Cleaner Co.
 V—Vane
 Va—Various
 Vert—Vertical
 VP—Vacuum tank with vacuum pump
 VR—Vertical riser
 VT—Vertical Tube
 Wstrn—Western Metal Specialty Co.
 Zen, Zenith—Zenith Detroit Co.
 \$ Indicates equipment not fitted

Ignition—Battery—Starting Motor—1929

MAKE AND MODEL	Ignition unit						Coil			Spark plug			Ignition cable make	Battery						Starting motor					Flywheel										
	Make	De-grees advanced		Breaker gap	Timing		Make	Amperage draw		Ignition switch	Thread	Shell		Gap	Make	Shipped wet or dry	Capacity	Bench charging rate		Terminal grounded	Make	Cranking speed	Normal armature speed	Normal amperage draw	Normal running amperage and torque	State, amperage and torque	Lock voltage	Drive, type	Pinion mesh, ft. or rear	No. of teeth	Width of tooth-face	Teeth type	Ratio to starter		
		Manual	Automatic		Degrees-Spark retarded	Firing order		Engine stopped	Engine running									Ballast fitted	Start															Finish	Voltage
Gardner, 120.....	DR	15	15	018	10B	16258374	DR	4½	6	No	DR	7/8	.....	Champ	.030	Pckd	Prest	Wet	120	4	4	6	P	DR	1520	145	145@2	15-450	3.7	Bendix	F	97	.....	.....	.....
Gardner, 125.....	DR	15	15	018	6B	16258374	DR	4½	6	No	DR	7/8	.....	Champ	.030	Pckd	Prest	Wet	120	4	4	6	P	DR	1520	145	145@2	15-450	3.7	Bendix	F	97	.....	.....	.....
Gardner, 130.....	DR	15	15	018	6B	16258374	DR	4½	6	No	DR	7/8	.....	Champ	.030	Pckd	Prest	Wet	135	4	4	6	P	DR	2000	155	155@2	15-570	3.15	Bendix	F	121	¾	.....	.....

A—After Dead Center
 AL—Electric Auto-Lite Co.
 B—Before Dead Center
 Bendix—Eclipse Machine Co.
 Champ—Champion Spark Plug Co.
 Clum—Clum Mfg.
 DC—Dead Center
 DJ—Electric Auto-Lite Co.
 DR—Delco Remy Corp.

Eltik—Electrolock—Mitchell Specialty Co.
 Exide—Electric Storage Battery Co.
 F—Front
 Hershy—Hershey Mfg. Co.
 Kellg—Kellogg
 Kerite—American Insulated Wire Corp.
 Met—Metric 18 mm.
 N—Negative
 NE—North East Electric Co.

OC—Overrunning Clutch
 OD—Owen Dyneto Corp.
 P—Positive
 Pckd—Paceard Electric Co.
 Prest—Prest-O-Lite Co.
 R—Rear
 Rome—Rome Wire Co.
 Shaler—Shaler Co.

Soreng—Soreng-Manegold Co.
 Sterit
 USL—U. S. Light & Heat Corp.
 Va—Various
 WhBl—Whitney Blake
 Will—Willard Storage Battery Co.
 * Indicates spark full advance.
 † Indicates spark one-half advance

Clutch, Transmission, Drive Shaft—1929

MAKE AND MODEL	Clutch											Transmission							Drive shaft				Propulsion	Torque			
	Make	Disc.		Oil or dry	Facing				No. required	Adjustable	Brake fitted	Make	Location	Speeds forward	Total gear ratio					Oil capacity	Front universal				Rear universal		
		No. of driving	No. of driven		Material	Type	Inside	Outside							Thickness	High	Third (4 speeds)	Second	Low		Reverse	Make			Type	Make	Type
Gardner, 120.....	B&B	2	1	Dry	Asbest	Woven	6½	8⅞	⅜	2	No	No	Warner	Unit	3	4.90	.....	1.69	3.11	3.78	.....	Spicer	Metal	Spicer	Metal	Sp	Sp
Gardner, 125.....	B&B	2	1	Dry	Asbest	Woven	6½	8⅞	⅜	2	Yes	No	Warner	Unit	3	4.90	.....	1.69	3.11	3.78	.....	Spicer	Metal	Spicer	Metal	Sp	Sp
Gardner, 130.....	B&B	2	1	Dry	Asbest	Woven	6¾	9⅞	⅜	2	Yes	No	Warner	Unit	3	4.45	.....	1.69	3.11	3.78	.....	Spicer	Metal	Spicer	Metal	Sp	Sp

Asbest—Asbestos
 B&B—Borg & Beck Co.
 BLip—Brown Lipe Chapin Co.
 Comp—Composition
 CThomp

DG&M—Detroit Gear & Machine Co.
 Goodr—Goodyear
 Long—Long Mfg. Co.
 Mechan—Mechanics Machine Co.
 Muncie—Muncie Products

Raybes—Raybestos
 RBall—Rubber Ball
 Rock—Rockford Drilling Machine Co.
 Spicer—Spicer Mfg. Corp.
 Sp—Springs

TA—Torque Arm
 TT—Torque Tube
 Univer—Universal Products Co.
 Warner—Warner Gear Co.
 a 3½ to 4½ Optional on all models

‡ Indicates equipment not fitted

Rear Axles and Tires and Springs—1929

MAKE AND MODEL	Rear axle										Tires				Rims		Springs										Shackles								
	Make	Type	Road clearance	Differential make	Oil capacity	Gearing			Pinion adjustment	Pinion bearing adjustment	Pinion bearing in sleeve	Make	Size	Inflation pressure		Make	Diameter	Width	Front					Rear					Type	Make					
						Type	Ringgear	Pinion						Number of plies	Front				Rear	Type	Material	Length	Width	No. of leaves	Shackle location	Type	Material	Length			Width	No. of leaves	Spring lubrication	Type	Make
Gardner, 120.....	Clmba	SF	9	NewProc	Spiral	44	9	Screw	Screw	Yes	Va	29x5.50	4	30	35	Cleve	19 23/4	SF	DetSP	SilMan	36	2	9	.....	SE	DetSP	.....	54	2 1/4	.....	Gredg	.....	.....
Gardner, 125.....	Clmba	SF	9	NewProc	Spiral	.....	.....	Screw	Screw	Yes	Va	31x6.00	.....	30	35	MWhl	19 23/4	SE	DetSP	Comp	36	2	9	.....	SE	DetSP	Comp	54	2 1/4	10	Gredg	.....	.....
Gardner, 130.....	Clmba	SF	8	.....	Spiral	.....	.....	Screw	Screw	Yes	Va	30x6.50	4	30	35	Firest	18 23/4	SE	DetSP	Comp	38	2	10	.....	SE	DetSP	Comp	57	2 1/4	11	Gredg	.....	.....

AlStl—Alloy Steel
 Armst—Armstrong Rubber Co.
 Beldex—Beldex
 Bimel—Bimel Spike & Auto Wheel Co.
 B&S—Ball & Sockets
 BLipe—Brown Lipe Gear Co.
 Budd—Budd Wheel Co.
 Ca—Cantilever
 Champ—Champ Spring Co.
 Clark—Clark Equipment Co.

Cleve—Cleveland Welding & Mfg. Co.
 Clmba—Columbia Axle Co.
 Comp—Composition
 CrmVan—Chrome Vanadium
 CStel—Carbon Steel
 DetSP—Detroit Pressed Steel Co.
 DT—Double transverse
 3/4E—3/4 Elliptic

Eat, Eaton—Eaton Axle & Spring Co.
 3/4F—3/4 Floating
 Fafnir—Fafnir Bearing Co.
 Fairmt—Fairmont Machine Co.
 FE—Full Elliptic
 FF—Full Floating
 Frs, Firest—Firestone Steel Products Co.
 —Firestone Tire & Rubber Co.

Fisk—Fisk Tire & Rubber Co.
 Goodrich—Goodrich Rubber Co.
 Gdy, Goodyr—Goodyear Tire & Rubber Co.
 Graph—Graphite
 Gredg—Gredg
 Harvey—Harvey Spring & Forging Co.
 Hayes—Hayes Wheel Corp.
 Hypd—Hypoid

Jaxon—Jaxon Steel Products Co.
 Kelsey—Kelsey Wheel Co.
 Mather—Mather Spring Co.
 MWhl—Motor Wheel Corp.
 NewProc—New Process Gear Corp.
 Penn—Penn Spring Co.
 Perch—Spring Perch Co.
 RSlIn—Rubber Shock Insulator Co.

Salsby—Salisbury Axle Co.
 SE—Semi-Elliptic
 SF—Semi-Floting
 SilMan—Silico Manganese
 StdSS—Standard Spring Steel Co.
 Studeb—Studebaker
 Timkn—Timken Co.
 Tr—Transverse
 Tryon—Tryon
 Va—Various

Steering Mechanism, Front Axle and Brakes—1929

MAKE AND MODEL	Steering							Front axle			Foot brake										Hand brake																
	Gear		Ratio	Turns of wheel for full swing	Car turning radius	Caster angle	Camber angle	Toe-in, inche.	Wheel, make	Make	Section type	End type	No. of brakes	Make	Type	Type lining	Rear				Front				Total breaking area	Per cent braking on rear wheels	Location	Internal or external	Drum diameter	Lining							
	Type	Make															Drum diameter	Internal or external	Lining	Clearance	Drum diameter	Internal or external	Lining	Clearance						Length per wheel	Width	Thickness	Clearance	Length per wheel	Width	Thickness	Clearance
	Ratio	Turns of wheel for full swing	Car turning radius	Caster angle	Camber angle	Toe-in, inche.	Wheel, make	Make	Section type	End type	No. of brakes	Make	Type	Type lining	Drum diameter	Internal or external	Lining	Clearance	Drum diameter	Internal or external	Lining	Clearance	Total breaking area	Per cent braking on rear wheels	Location	Internal or external	Drum diameter	Length per drum	Width	Thickness	Clearance						
Gardner, 120.....	C&L	Ross	15 1/2	27 3/8	20	2	.....	1/4	LdEm	Colmba	I	REll	5	Lockd	Hyd	.....	12	Int	21 3/8	1 3/4	3/16	d	12	Int	21 3/8	1 3/4	3/16	d	158.5	50	Trans	Ext	8	24	2	3/32	1 1/4
Gardner, 125.....	C&L	Ross	.....	2.8	20	2	.....	1/4	LdEm	Colmba	I	REll	5	Lockd	Hyd	.....	12	Int	21 3/8	1 3/4	3/16	d	12	Int	21 3/8	1 3/4	3/16	d	158.5	50	Trans	Ext	8	24	2	3/32	1 1/4
Gardner, 130.....	C&L	Ross	17	3	21 1/2	2	.....	1/4	LdEm	Colmba	I	REll	5	Lockd	Hyd	.....	14	Int	25 7/16	1 3/4	3/16	d	14	Int	25 7/16	1 3/4	3/16	d	178.0	50	Trans	Ext	8	24	2	3/32	1 1/4

a—Own, Rear—Bendix, Front
 Bendix—Bendix Brake Co.
 C&L—Cam & Lever
 Clark—Clark Equipment Co.
 Colmba—Columbia Axle Co.
 Ell—Elliott
 Ext—External

Gemr—Gemmer Mfg. Co.
 Hustd—American Hard Rubber Co.
 Hyd—Hydraulic
 Inlnd—Inland Mfg. Co.
 Int—Internal
 Jacox—Saginaw Products Co.
 LdEm—Lubdell Emery Mfg. Co.

Lockd—Lockheed—Hydraulic Brake Co.
 Mech—Mechanical
 Midlnd—Midland Steel Products Co.
 PuSm—Pouvaismith Corp.
 REll—Reverse Elliott
 Ross—Ross Gear & Tool Co.
 Salsby—Salisbury Products Co.

Shlr—Sheller Wood Rim Mfg. Co.
 Studr—Studebaker
 Timken—Timken-Detroit Axle Co.
 Trans—Transmission
 Tu—Tubular
 Vac—Vacuum
 Westgh—Westinghouse

W&G—Worm & Gear
 W&N—Worm & Nut
 W&R—Worm & Roller
 W&S—Worm & Sector
 W&W—Worm & Wheel
 4Whls—4 Wheels
 *—Self adjusting

Generator and Lighting Circuits—1929

MAKE AND MODEL	Generator													Lights											Horn													
	Make	Driven by	Voltage regulation	Fuse capacity	Thermostat opening temp.	Cutout relay				Maximum normal charging rate					Am-meter, make	Lighting switch, make	Candle power					Head					Side make	Tail make	Dash make	Make	Amperage draw							
						Make	To close		To open	Hot	Cold	Armature speed	Car speed	Voltage			Head	Side	Tail	Stop	Back	Dash	Tail and dash in series	Double filament bulbs	How dimmed	Make						Reflector, type	Cover glass					
							Armature speed	Volts																									Car speed	Amperes	Make	Diameter		
Gardner, 120.....	Del-Rm		No	150	Del-Rm	675	6 1/2	6	2 1/2	9	19	1450	30	6	Natnl	Del-Rm	21	6	3			2	No	Yes	DB	Coren	GloLite	GloLite	9 1/8	Coren	Coren	Natnl		Klaxon	6			
Gardner, 125.....	Del-Rm	Blt	3	No	150	Del-Rm	675	6	5 7/8	6	2	5	12	21	1450	30	6	Natnl	Del-Rm	21	6	3			2	No	Yes	Dim	Coren	TwinBm	GloLite	9 1/8	Coren	Coren	Natnl	M	Klaxon	10
Gardner, 130.....	Del-Rm		3	No	150	Del-Rm	675	6	5 7/8	7	2	5	9	19	1450	30	6	Natnl	Del-Rm	21	6	3			2	No	Yes	Dim	Coren	Coren	GloLite	10 3/8	Coren	Coren	Natnl		Klaxon	10

AC—AC Spark Plug Co.
 AGA—AGA AutoLamp Co.
 Aid—Aid Mfg. Co.
 AutoLt—Electric Auto-Lite Co.
 Basco—Briggs & Stratton Co.
 Bausch—Bausch & Lomb Optical Co.
 Blt—Belt
 Brown—Brown Mfg. Co.
 Ch—Chain

Clum—Clum Mfg. Co.
 Cor, Coren—Corcoran Lamp Co.
 DB—Depressed beam
 DeJon—Electric Auto-Lite Co.
 DelRem—Delco Remy Corp.
 Depr. Bm—Depressed beam
 Dim—Dim bulb
 Douglas—Douglas Mfg. Co.

EA—E. A. Laboratories, Inc.
 Flatlt—American Flatlite Co.
 G—Gear
 Guide—Guide Motor Lamp Mfg. Co.
 Hall—Hall Lamp Co.
 IlRyn—Illico Ryanlite—Indiana Lamp Co.
 Ind, Indna—Indiana Lamp Co.
 Kellog—Kellogg
 Klaxon—Klaxon Co.

M—Motor
 Mngrm—Monogram Lens Corp.
 Nagel—Nagel Electric Co.
 Natnl—Natnl Gauge & Equipment Co.
 NEast, NoEast—North East Electric Co.
 ODynto—Owen-Dyneto Corp.
 Parabm—Parabeam
 Res—Resistance

Sh—Shaft
 Soreng—Soreng-Manegold Co.
 Spartn, Sparton—Sparks Withington
 Stover—Stover Signal Eng. Co.
 TiltRay—Tilt Ray
 Twin Bm—Twin Beam
 US—U. S. Gauge Co.
 V—Vibrator
 Weston—Weston Electric Instrument

Bearings—Axles, Springs, and Steering—1929

CAR NAME AND MODEL NUMBER	BEVEL PINION a. Pinion shaft, front b. Pinion shaft, rear c. Straddle bearing d. Pinion shaft thrust	DIFFERENTIAL BEARINGS AND FRONT SPRING BUSHINGS a. Differential, right b. Differential, left c. Front spring bushing, front d. Front spring bushing, rear	REAR WHEEL BEARINGS AND REAR SPRING BUSHINGS a. Rear wheel, inner b. Rear wheel, outer c. Rear spring bushing, front d. Rear spring bushing, rear	FRONT WHEEL BEARINGS AND TIE ROD BUSHINGS a. Front wheel, inner b. Front wheel, outer c. Tie rod bushing d. Special shackle make	KING PIN a. Upper b. Lower c. Thrust	STEERING GEAR a. Column shaft, upper b. Column shaft, lower c. Cross shaft, right d. Cross shaft, left
Gardner, 120.....	a. Tim 2580W-2520.....	a. Tim 354A-358.....	a. Tim 14137-14274.....	a. Tim 14131-14274.....	a. Bz.....	a. Fabric.....
Gardner, 120.....	b. Tim 2788-2720.....	b. Tim 354A-358.....	b. Tim 14137-14274.....	b. Tim 09074-09194.....	b. Bz.....	b. Ross.....
Gardner, 120.....	c.	c. $\frac{5}{8} \times \frac{7}{8}$	c. $\frac{3}{4} \times 1$	c. B&S.....	c. Ball.....	c. Bz.....
Gardner, 120.....	d.	d. $\frac{5}{8} \times \frac{7}{8}$	d. $\frac{3}{4} \times 1$	d.	d.	d. Bz.....
Gardner, 125.....	a. Tim 2580-2520.....	a. Tim 354A-358.....	a. Tim 14137-14274.....	a. Tim 14131-14274.....	a. Bz.....	a. Fabric.....
Gardner, 125.....	b. Tim 335-3320.....	b. Tim 354A-358.....	b. Tim 14137-14274.....	b. Tim 09074-09194.....	b. Bz.....	b. Ross.....
Gardner, 125.....	c.	c. $\frac{5}{8} \times \frac{7}{8}$	c. $\frac{3}{4} \times 1$	c. B&S.....	c. Ball.....	c. Bz.....
Gardner, 125.....	d.	d. $\frac{5}{8} \times \frac{7}{8}$	d. $\frac{3}{4} \times 1$	d.	d.	d. Bz.....
Gardner, 130.....	a. Tim 2580W-2520.....	a. Tim 355-3520.....	a. Tim 3300.....	a. Tim 337-3320.....	a. Bz.....	a. Fabric.....
Gardner, 130.....	b. Tim 337-3320.....	b. Tim 355-3520.....	b.	b. Tim 2381-2320.....	b. Bz.....	b. Ross.....
Gardner, 130.....	c.	c. $\frac{5}{8} \times \frac{7}{8}$	c. $\frac{3}{4} \times 1$	c. B&S.....	c. Ball.....	c. Bz.....
Gardner, 130.....	d.	d. $\frac{5}{8} \times \frac{7}{8}$	d. $\frac{3}{4} \times 1$	d.	d.	d. Bz.....

Tapered roller bearing numbers are given in the following order: Cup-Cone

Plain bearing dimensions are given in the following order: Inside diameter x outside diameter x length

BCA..... Bearings Co. of America
Bz..... Bronze

Comp..... Composition
Gemmer..... Gemmer Mfg. Co.
GrBz..... Graphite bronze
H, Hy..... Hyatt Roller Bearing Co.
HB..... Hess-Bright—SKF Industries, Inc.
ND..... New Departure Mfg. Co.
Nice..... Nice Ball Bearing Co.

Ross..... Ross Gear and Tool Co.
SKF..... SKF Industries, Inc.
SRB..... Standard Steel and Bearings Co.
Strom..... Strom Bearings Co.
Tim..... Timken Roller Bearing Co.
Other initial letters are part of the numbers of the ball or roller bearings

Bearings—Electrical Units, Fan and Transmission—1929

CAR NAME AND MODEL NUMBER	STARTING MOTOR a. Commutator end b. Drive end c. Outboard bearing	GENERATOR a. Commutator end b. Drive end	FAN AND IGNITION UNIT a. Fan bearing b. Ignition unit, upper c. Ignition unit, lower	CLUTCH a. Throwout b. Thrust c. Pilot	TRANSMISSION		
					a. Spigot or pocket b. Reverse idler	a. Mainshaft, front b. Mainshaft, rear	a. Countershaft, front b. Countershaft, rear c. Does countershaft rotate?
Gardner, 120.....	a. Plain $\frac{1}{8} \times \frac{11}{16}$	a. ND 1203.....	a.	a.	a. Bz.....	a. 1209.....	a. Bz.....
Gardner, 120.....	b. Plain $1 \times 1 \frac{1}{4}$	b. ND 1203.....	b. CI.....	b.	b. Bz.....	b. 1306.....	b. Bz.....
Gardner, 120.....	c. GrBz $\frac{5}{8} \times \frac{7}{8}$		c. CI.....	c. ND 7204.....			c. No.....
Gardner, 125.....	a. Plain $\frac{1}{8} \times \frac{11}{16}$	a. ND 1203.....	a.	a.	a. Bz.....	a. 1209.....	a. Bz.....
Gardner, 125.....	b. Plain $1 \times 1 \frac{1}{4}$	b. ND 1203.....	b. CI.....	b.	b. Bz.....	b. 1306.....	b. Bz.....
Gardner, 125.....	c. GrBz $\frac{5}{8} \times \frac{7}{8}$		c. CI.....	c. ND 7204.....			c. No.....
Gardner, 130.....	a. Plain $\frac{1}{8} \times \frac{11}{16}$	a. ND 1203.....	a.	a.	a. Bz.....	a. 1209.....	a. Bz.....
Gardner, 130.....	b.	b. Plain.....	b.	b.	b. Bz.....	b. 1306.....	b. Bz.....
Gardner, 130.....	c. GrBz $\frac{1}{8} \times \frac{3}{4}$		c.	c. ND 7204.....			c. No.....

Tapered roller bearing numbers are given in the following order: Cup-Cone

Plain bearing dimensions are given in the following order: Inside diameter x outside diameter x length

BCA..... Bearings Co. of America
 Bz..... Bronze
 CI..... Cast Iron
 Comp..... Composition
 Faf..... Fafnir Bearing Co.

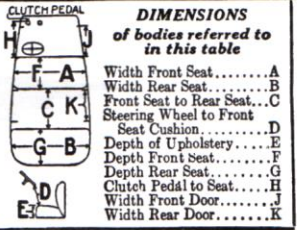
Fed..... Federal Bearings Co.
 Gr..... Graphite
 Gr Bz..... Graphite bronze
 Gur..... Gurney-Marlin-Rockwell Corp.
 HB..... Hess-Bright—SKF Industries, Inc.
 Hy..... Hyatt Roller Bearing Co.
 ND..... New Departure Mfg. Co.
 Nice..... Nice Ball Bearing Co.

Nor..... Norma-Hoffman Bearings Corp.
 Pl..... Plain
 SKF..... SKF Industries, Inc.
 SRB..... Standard Steel and Bearings Co.
 Strom..... Strom Bearings Co.
 Tim..... Timken Roller Bearing Co.

Other initial letters are part of the numbers of the ball or roller bearings

Body Details and Tire Equipment of 1929 Cars

MAKE AND MODEL	Body model	Price and passengers	Wheelbase	Weight	Seating arrangement	Number of doors	Gear ratio	Compression ratio	Tire size	Make of body	Body material			Finish			Standard upholstery				Windshield type	Top		Body dimensions (See diagram at foot of page 234)																						
											Frame work	Fenders	Rear and quarter sec.	Color			Leacuer make	Hardware make	Material			Color		Make		Frame type	Material make	Steering column range	Front seat range	A	B	C	D	E	F	G	H	J	K	Head room	Overall height					
														Below bolt	Above bolt	Striping			Cushions and back	Side and head lining		Cushions and back	Side and head lining	Cushions and back	Side and head lining																					
														Various	Various	Various																														
														Various	Various	Various																														
Gardner, 120	Roadster	1395-4	130	3120	2	4.30	5.00	29x5.50	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Leathr	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	Wxford		40	36	8	18 1/2	18	14	24 1/2												
Gardner, 120	Sport Sedan	1295-5	130	3345	12	4.90	5.00	29x5.50	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	Parox		45	47	9 1/2	19	20	16	30	28											
Gardner, 120	Coupe	1465-4	130	3290	5	4.45	5.00	29x5.50	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	AquaP		45	36	13	19	18	16	30												
Gardner, 120	Sedan	1595-5	130	3410	12	4.90	5.00	29x5.50	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	Parox		45	47	19	19 1/2	19 1/2	14	28 1/2	27 1/2											
Gardner, 125	Roadster	1695-4	125	3240	5	4.45	5.05	30x6.00	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Leathr	Various	Various	Various	Chase	Chase	Chase	Chase	Fold	Wxford		39	36	13	19	18	17	27 1/2												
Gardner, 125	Cabriolet	1795-4	125	3350	5	4.88	5.05	30x6.00	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	Parox		45	36	13	19	18	16	30												
Gardner, 125	Brougham	1875-5	125	3475	10	4.88	5.05	30x6.00	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	Parox		45	47	9 1/2	13	19	20	16	30	28										
Gardner, 125	Sedan	1895-5	125	3520	12	4.88	5.05	30x6.00	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	Parox		45	47	19	13	19	20	16	30	28										
Gardner, 125	Victoria	1895-4	125	3475	8	4.88	5.05	30x6.00	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	Parox		39	36	13	19	18	19	27 1/2												
Gardner, 125	Coupe	135								Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	Parox		45	47	9 1/2	13	19	20	19	30	28										
Gardner, 130	Roadster	2195-4	130	3350	5	3.90	5.25	30x6.50	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Leathr	Various	Various	Various	Chase	Chase	Chase	Chase	Fold	Wxford		45	47	9 1/2	13	19	20	19	30	28										
Gardner, 130	Coupe	2295-4	130	3695	6	4.45	5.25	30x6.50	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	AquaP		45	47	9 1/2	13	19	20	19	30	28										
Gardner, 130	Brougham	2375-5	130	3860	9	4.45	5.25	30x6.50	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	Parox		45	36	13	19	18	19	30												
Gardner, 130	Sedan	2395-5	130	3895	12	4.45	5.25	30x6.50	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	Parox		45	36	13	19	18	19	30												
Gardner, 130	Victoria	2395-5	130	3860	9	4.45	5.25	30x6.50	Centr	Comp	Steel	Steel	Various	Various	Various	Dura	Various	Various	Various	Various	Chase	Chase	Chase	Chase	Hing	Parox		45	36	13	19	18	19	30												



DIMENSIONS of bodies referred to in this table

Width Front Seat A
Width Rear Seat B
Front Seat to Rear Seat ... C
Steering Wheel to Front Seat Cushion D
Depth of Upholstery E
Depth Front Seat F
Depth Rear Seat G
Clutch Pedal to Seat H
Width Front Door I
Width Rear Door J
Width Rear Door K

Alum—Aluminum
Aroo—Aroo Co.
ArtWk—Art Work Shop
Baker R.—Baker-Raulang Co.
BC—BCloth—Broadcloth
BdCd—Bedford Cord
BdSmt—Biddle & Smart Co.
Briggs—Briggs Mfg. Co.
Brunn—Brunn's Carriage Mfg. Co.
Budd—Budd Mfg. Co.
Burbnk—Burbank-Ladlaw Co.
Chs, Chase—L. C. Chase & Co.
Cleve—Cleveland Varnish Co.
Comp—Composite
Cordry—Corduroy
Cr—F. S. Carr Co.
DevKel—Devereaux-Keeler Brass Co.

Diagrams illustrating various seat types and upholstery options, labeled No. 1 through No. 12.

No. 1, No. 2, No. 3, No. 4, No. 5 (Rumble), No. 6 (Rumble), No. 7 (Rumble), Nos. 8 and 9, Nos. 10, 11 and 12

No. 8—Divided front seat
No. 9—Undivided front seat.
No. 10—Two doors.
No. 11—Three doors.
No. 12—Four doors.

Dieth—Dietrie, Inc.
Ditzl—Ditzler Color Co.
Dpt, Dupnt—du Pont de Nemours & Co.
Dunn—Dunn Textile Co.
Duntx—Duntex-Duncan Co.
Dura—Dura Co.
Durtex—Duratex Corp.
Eagle—Eagle Ottawa Leather Co.
EngM—English & Mernick
Egypt—Egyptian
Fabeod—Fabricord
FiaFit—Fleetwood Body Corp.
Fisher—Fisher Body Corp.
Fold—Folding
Gliddn—Glidden
HalKil—Hale Kilburn
Harts—J. C. Harts Co.
Hayes—Hayes Body Corp.
Hayel—Hayes Iona Co.
HHunt—Hayes-Hunt Corp.
Holbrk—Holbrook Co.
ILatr—Imitation leather

Judkin—Judkins Co.
KNabr—Kessel Naber
Laidla—Laidlaw Co.
Leathr, L—Leather
LeBarn—LeBaron
Locke—Locke & Co.
Lolla—Longitudinal slats
M—Mohair
Merit—Meritas-Standard Textile Products Co.
ML&S—Metal laths and slats
Mono—Mono control

Mountn—Mountain Varnish & Color Works
Murcot—Murray Varnish Co.
Murry—Murry Body Co.
Mx—Mimax-Pittsburgh Plate Glass Co.
Ohio—Ohio Body Co.
Parox—Paroxlyn
Phila—Philadelphia Pile Fabric
Philip—Phillips Custom Body Co.
Radel—
Robbin—Robbins Body Corp.

Seaman—Seaman Body Corp.
Shepd—Shepard Co.
Sterl—Sterling Bronze Co.
Stud—Studebaker
Ternt—Teranstedt Mfg. Co.
Textil—Textileather Corp.
Union—Union City Body Co.
Valtn—Valentine & Co.
Varios—Various
VV—Fisher VV
Walker—Walker Body Co.
Wilghy—Wiloughby

No. 13—Open car or closed car having front compartment with roof and open sides.
No. 14—Front compartment without roof.
No. 15—Front compartment closed—no partition.
No. 16—Front compartment closed—sliding partition.
No. 17—Front compartment closed—stationary partition.

No. 18—Open car or closed car having front compartment with roof and open sides.
No. 19—Front compartment without roof.
No. 20—Front compartment closed—no partition.
No. 21—Front compartment closed—sliding partition.
No. 22—Front compartment closed—stationary partition.

Weyman—
Wiese—
WrMh—Wire Mesh
Zapon—Zapon Company