

1926 Gardner

Specifications

Source – MoToR January 1926

Warning

Gardner made major changes during this production run such as the wheel base for the 6 cylinder and the engine CID for both the 6 cyl and 8 cyl. You may need to cross reference with the 1927 specifications for updates

Major Specifications of 1926 Cars

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

CAR MAKE AND MODEL NUMBER	Price and capacity	Engine make and model No.	No. of cylinders	Bore and stroke	Piston displacement	Taxable H. P.	H. P. & R. P. M. Peak	Weight	Gear ratio	Tire size	Axle clearance for jack		Wheelbase	Type, oil system	Type, class's lubrication system	Make, fuel feed	Carburetor, size	Make, air cleaner	Water circulation
											Front axle	Rear axle							
Gardner, 6.....	1395-5	Lyc 2S	6	3' x 4' 1/2	207	23	57@.....	3070	4.9	31x5.25	10 1/2	14	117	Pr	Alemite	Stew	1 1/4	\$	P
Gardner, Line 8.....	1.95-5	Lyc 2H	8	3' x 4' 1/2	276	31	65@2700	3350	4.63	32x6	10 1/2	14	125	Pr	Alemite	Stew	1 1/4	\$	P

★ — "\$" mark indicates equipment not supplied.

*—Pressure to center main bearing only.
 AlmZerk — Alemite-Zerk
 Con — Continental
 Det Per — Detroit Perfection
 Grav — Gravity

I & M — Ireland & Mathews
 Lyc — Lycoming
 O-V — Oil Vac
 P — Pump

Pctmt — Protectomotor
 Pr — Pressure
 Pres — Pressure
 S — Splash

Stew — Stewart
 T — Thermo Syphon
 Vac — Vacuum
 Wis — Wisconsin

Major Specifications of 1926 Cars

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

MAKE AND MODEL	Cooling		Electrical		Clutch			Drive		Axles			Brakes			Springs and steering			Frame, make	Depth	Thick	Flange, width	
	Make, water thermostat	Make, radiator shutter ★	Make, and type ignition	Make, generator starter	Make	Driving discs	Driven discs	Trans. location	Type drive	Rear axle, make	Type	Make, front axle	2- or 4-wheel	Service		Hand brake, location	Type, rear springs	Steering gear, type					Steering gear, make
														Type	Make									Type	Make
Gardner, 6.....	Bishop	Ar'tic	Remy	Remy	B&B	.....	1	Unit	H	Col	SF	Colum	4	Mech	Colum	Axle	SE	C&L	Ross	MS Co	6	5/32	1 1/4
Gardner, Line 8.....	Bishop	Ar'tic	Remy	Remy	B&B	.....	1	Unit	H	Col	SF	Colum	4	Mech	Colum	Axle	SE	C&L	Ross	MS Co	7	5/32	2

★ — "\$" mark indicates equipment not supplied.

A — Automatic
 A-K, At-Kent — Atwater Kent
 Amid — Amidship
 Ar'tic — Arctic
 Auto-L — Auto-Light
 B & B — Borg & Beck
 Bev — Bevel
 C & L — Cam and Lever
 Cant — Cantilever
 Colum — Columbia
 Conn — Connecticut

Cont — Continental
 D G & M — Detroit Gear & Machine Co.
 Ell — Elliptic
 F — Valves in head and side
 F, Flt — Floating
 Gemr — Gemmer
 Grav — Gravity
 Hel — Helical
 Hotch — Hotchkiss
 Hyd — Hydraulic

Hyd (Frames) — Hydraulic Pressed Steel Co.
 L — Valves on one side
 Lockhd — Lockheed
 Lyc — Lycoming
 M & E — Merchant Evans
 m — Manual
 Mech — Mechanical
 MS Co — Midwest Steel Co.
 N-East — Northeast

North — Northway
 O-Dyn — Owen-Dyneto
 O — Overhead valves
 O-V — Oil Vac (Byrnc, Kingston & Co.)
 P — Pump
 P & B — Parish & Bingham
 Plan — Planetary
 Press — Pressure
 R-R — Radius Rods
 RW — Rear Wheel

Ry — Remy
 S — Sleeve Valves
 sa — Semi-automatic
 Semi — Semi-Floating
 S&N — Screw and Nut
 Split — Splitdorf
 S R — Semi-Reversible
 Stew — Stewart
 Syphon — Syphon
 T — Thermo-Syphon
 T — Transmission

T — Valves on opposite sides
 TA — Torque Arm
 TR — Torque Rod
 TR — Transverse
 TT — Torque Tube
 Wg — Wagner
 W&G — Worm and Gear
 Wis — Wisconsin
 W&N — Worm and Nut
 W&S — Worm and Screw
 W&W — Worm and Wheel

Cylinders, Pistons, Rings, Connecting Rods

MAKE	No. of cylinders	Bore and stroke	Engine	Piston						Piston ring				Wristpin		Wristpin bushing			Connecting rod		Crankpin bearings									
				Make	Material	Features	Clearance		Weight, ounces	No. used	Make	Width	Depth of groove	Diameter	Gap clearance	Locking method	Diameter	Length	Outside diam.	Inside diam.	Length	Weight, ounces	Make	Material	Diameter	Length	Clearance	Material	Make	Type of shims
							Top	Bottom																						
Gardner, 6.....	6	3 1/4 x 4 1/2	Lyc2S	Lyc	CI	None	014	003	19	4	.....	1/8	5/16	3 1/4	006-012	Rod	7/8	2 3/4	11 1/2	3/4	1 3/4	.....	Lyc	1035	2 1/4	11 1/2	0015	Babb	Lyc	None
Gardner, Line 8.....	8	3 1/4 x 4 1/2	Lyc2H	Lyc	CI	None	014	003	18	4	.....	1/8	5/16	3 1/4	006-012	Rod	7/8	2 3/4	11 1/2	3/4	1 3/4	.....	Lyc	1035	2 1/4	11 1/2	0015	Babb	Lyc	None

Al — Alloy
 Al CI — Aluminum and cast iron
 Alum — Aluminum
 Anst — Ansted
 AmH — American Hammered
 Babb — Babbitt
 BrBb — Bronze-backed Babbitt

Brns — Bronze
 Brss — Brass
 CI — Cast iron
 Circ — Perfect Circle
 Con — Continental
 Con — Continental
 ConCl — Constant Clearance

Cross — Crosshead
 CrNk — Chrome-Nickel
 CS — Carbon Steel
 DieCast — Die Cast
 Dural — Duraluminum
 Flot — Floating
 HS — Herschel-Spillman

HtPrf — Heat-Proof
 Ind — Indiana
 Lam — Laminated
 Lyc — Lycoming
 Lyn — Lynite
 MNor — McQuay-Norris
 North — Northway

Pin — Plain
 Pist — Piston
 PRCo — Piston Ring Co.
 Qual — Quality
 SeStl — Semistee
 Sklton — Skeleton
 Slot — Slotted

Supr — Super-Sea
 Teet — Tector
 Wis — Wisconsin
 Nors. Numbers which specify material refer to S. A. E. specifications.

Crankshaft, Timing Gears and Camshaft

MAKE AND MODEL	Crankshaft bearings										Timing chain													
	Main bearing journals									Main bearings clearance	Main bearing material	Crankshaft — End play	Crankshaft gear — Make	Crankshaft gear material	Camshaft gear — Make	Camshaft gear material	Generator gear — Make	Generator gear material	Make and maker's No.	Length	Width	No. of teeth	Pitch	Is chain adjustable
	Diameter and length 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 No. 8	Diameter and length No. 9															
Gardner, 6.....	2 5/8 x 2	2 3/8 x 1 3/4	2 3/8 x 2	2 3/8 x 2 3/8	.....	.....	.....	.....	.....	002	BrBabb	003	.....	.....	.....	.....	.....	LkBlt	30 3/4	1 1/2	98	3/4	Auto
Gardner, Line 8.....	2 5/8 x 2 1/4	2 3/8 x 1 3/4	2 3/8 x 2	2 3/8 x 1 3/4	2 3/8 x 2 3/8	.....	.....	.....	.....	002	BrBabb	003	.....	.....	.....	.....	.....	LkBlt	37 1/2	1 1/2	100	3/4	Auto

Auto — Automatic
 AlStel — Alloy Steel

Babb — Babbitt
 Bakr — Bakelite

BrBabb — Bronze-backed Babbitt
 CI — Cast Iron

Comp — Composition
 Cont — Continental

CS — Carbon Steel
 Forg — Forging

GE — General Electric
 Hel — Helical

LkBlt — Link-Belt
 Lyc — Lycoming

Mors — Morse
 SemiS — Semi Steel

Text — Textolite

Valves and Lubrication

MAKE AND MODEL	Valve Make	Valve Head		Valve Stem						Tapet clearance		Valve spring pressure		Valve timing				Overhead valve lubrication	Splash — Yes or no	Oil pressure to				Normal oil pressure	Pounds at	Miles per hour	Pressure at which relief valve opens — Pounds	Oil reservoir — Quarts	Oil pressure gauge, make	Drain oil, when?	Type of drain	Oil level gauge, make	Oil level gauge, type	Ex-ternal oil filter, make	Oil rectifier make	Chassis lubrication:							
		Intake	Exhaust	Material		Diameter	Length	Are stem guides removable?	Are Oversize Valve stems made?	Intake	Exhaust	Intake	Exhaust	Intake		Exhaust				Main bearings	Connecting rods	Wristpins	Cams/haft bearings													Pump — Type	Oil	Pounds at	Miles per hour	Pounds at	Miles per hour	Type	Make
		Intake	Exhaust	Intake	Exhaust									Opens	Closes	Opens	Closes																										
Gardner, 6	RSP	1 5/8	1 1/4	CrNck	SilCr	CrNck	SilCr	1 1/2	5 1/2	Yes	Yes	.004H	.006H	36	36	5A	40A	47B	42B	5A	No	No	Yes	Yes	Yes	No	Yes	P	G	Med	30	20	6	Natnl	500	Plug	Lyo	Plung	\$	\$	PG	Alemite	
Gardner, Line 8	RSP	1 5/8	1 1/4	CrNck	SilCr	CrNck	SilCr	1 1/2	5 1/2	Yes	Yes	.004H	.006H	36	36	5A	40A	47B	42B	5A	No	No	Yes	Yes	Yes	No	Yes	P	G	Med	30	20	6	Natnl	500	Plug	Lyo	Plung	\$	\$	PG	Alemite	

A — After C — Cold CrVan — Chr-Van G — Gear ITng — High Tunsten IMed — Light medium M&H — Medium in winter, OC — Oil cups PG — Pressure grease R — Revolutions per minute SemSt — Semi-Steel USG — U. S. Gauge
 AISc — Alloy Steel CI — Cast Iron CS — Carbon steel H — Heavy Lye — Lyeomng LTng — Low Tunsten heavy in summer OH — Oil holes Plng — Plunger RSP — Rich Tool Co.
 B — Before CobCr — Cobalt Chrome DC — Dead center H — Hot L&M — Light in winter, me- Natl — National P — Positive P — Pump P — Pressure oil S — Sipro Tng — Tungsten Siler — Silichrome VG — Valve closed
 Bay — Bayonet Cont — Continental EWP — Steel HMed — Heavy medium medium in summer Med — Medium NISl — Nickel Steel Puro — Puroator Schl — Schlieder TST — Toledo Steel Products X — Approximate

Fuel and Cooling Systems

MAKE AND MODEL	Fuel system					Intake system				Exhaust		Cooling system											Fan								
	Gasoline tank		Feed	Gasoline filter ★	Carbureter		Mixture heating	Heat adjustment	Air cleaner ★	Electric mixture heating ★	Size exhaust pipe	Muffler	Pump		Water thermostat	Radiator		Cooling system, gals.	Radiator shutter make	Radiator shutter control	Radiator hose				Fan belt						
	Make	Capacity			Make and maker's number	Size							Water	Type		Make	Type				Make	Upper		Lower	Type	Coupling	Make	Length	Width		
Gardner, 6	Evans	16	Stew	Ray	Sheb	1	HS	Fixed	\$	\$	2 1/4	Powell	P	Cent	Lye	None	Honey	Fedder	4 1/4	Artic	Man	3	6	3	3	V	End	Cont	41 1/4	5/8	Oakes
Gardner, Line 8	Evans	16	Stew	Ray	Sheb	1 1/4	HS	Fixed	\$	\$	2 1/4	Powell	P	Cent	Lye	B&B	Honey	Fedder	4 3/4	Artic	Man	3	6	1 1/2	11	V	End	Cont	30 3/4	5/8	Oakes

★ — "\$" mark indicates equipment not fitted.

- | | | | | | |
|-------------------------|----------------------|-------------------------|-------------------------|------------------------------|---------------------|
| Alem — Alemite | Cleve — Cleveland | Gratn — Graton | Inter — International | Oldbrg — Oldberg | Strm — Stromberg |
| Anst — Ansted | Cont — Continental | Gilmr — Gilmer | I&M — Ireland & Mathews | OV — Oil Vac | Syl — Siphon |
| Artic — Arctic | Coup — CoupEng | Goodr — Goodrich | John — Johnson | P — Pump | T — Thermo-siphon |
| Auto — Automatic | Dayt — Dayton | Gratn — Graton & Knight | Join — Jointed | Pres — Pressure | Till — Tillotson |
| AutoP — Auto Parts | Durke — Durkee | Grav — Gravity | Lye — Lyeomng | Prtctmr — Protectomotor | USC — U S Cartridge |
| Ball — Ball & Ball | EJ — Exhaust Jacket | Harris — Harrison | Marv — Marvel | Ray — Rayfield | Var — Various |
| Bishop — Bishop & Babco | ElFog — Electric Fog | Hol — Holley | Mitch — Mitchell | Ribon — Ribbon | VT — Vertical T |
| Bufflo — Buffalo | End — Endless | Honey — Honeycomb | Mod — Modine | SAuto — Semi-Automatic | Wis — Wisconsin |
| Cell — Cellular | ES — Exhaust Stove | HS — Hot Spot | Mull — Mullins | Service P — Service Products | WJ — Water Jacket |
| Cert — Centrifugal | Fed — Federal | Imp — Imperial | Murr — Murray | Sheb — Schebler | Xrdl — Xardell |
| Chris — Christian | Ful — Fulton | Ind — Indianapolis | Natl — National | Stew — Stewart | Zen — Zenith |

Ignition—Battery—Starting Motor

MAKE AND MODEL	Ignition unit						Amperage draw of coil			Spark plugs		Battery					Starting motor													
	Make	Breaker Gap	Degree advanced		Timing	Firing order	Coil	Ignition switch	Engine stopped	Engine running	Ballast resistance	Make	Type	Make	Shipped wet or dry	Amperes hours	Charging rate		Terminal grounded	Make	Amperage, normal	Normal armature speed	Normal running torque—Pounds feet	Static torque—Pounds feet	Drive	Over running clutch	Pinion mesh Front or rear	No. teeth on fly wheel	Width of tooth face	
			Manual	Automatic													Start	Finish												Volts	Terminal
Gardner, 6.....	Remy	.025 15	20	10A	153624	Remy	Remy	4-6	2-5	Y	Remy	Champ	RegS	Prest	W	25	6			P	Remy					Bdx	N	F	121	
Gard, Line 8.....	Remy	.025 20	15	10A	16258374	Remy	Remy	4-6	2-5	Y	Remy	Champ	RegS	Prest	W	135	6			P	Remy					Bdx	N	F	121	

* Spark fully advanced. † Spark one-half advanced.

A—After
AKent—Atwater Kent
ALite—Auto-Lite
AmBeh—American Bosch
B—Before
Bat—Battery
Bdx—Bendix
Briggs—Briggs & Stratton
By—Body

Champ—Champion
C-H—Cutler-Hammer
Conn—Connecticut
DC—Dead Center
Eaid—Exide
F—Front
Kalg—Kellogg
L—Long
Mag—Magneto

N—No
NEast—North East
P—Pipe
Pdl—Pedal
Prest—Prest-O-Lite
R—Rear
R—Regular
Reg—Regular

RyWg—Remy or Wagner
S—Standard
Split—Splittorf
Stan—Standard
V—Votta
Wag—Wagner
West—Westinghouse
Will—Willard
Y—Yes

Generator and Lighting Circuits

MAKE AND MODEL	Generator			Cutout relay			Maximum normal charging rate				Lighting circuits						Lights					Horn											
	Make	Voltage regulation	Field fuse amps.	Thermostat opening temperature	Cutout, make	Cutout closing			Hot	Cold	Armature speed	Car speed	Voltage	Am-meter, make	Switch, make	Candlepower				Tail and inst. in series	Head-lights		Re-lector	Lens-glasses		Side lights, make	Tail light, make	Instru-ment light, make	Type, vibrator or motor	Make	Amperage draw		
						Volts	Car speed	Armature speed								Amps. to open	Big head	Small head	Side		Tail	Instrument		Make	Filament bulb							Diameter	Make
Gardner, 6.....	Remy	3	None	None	Remy	7	675	2.5	11	20	1450	25	Natnl	Remy	31	Dim	3	3	3	No	Core	Core	No	Flatlite	9 1/2	Plain	Core	Core	Culver	Natnl	M	Remy	
Gardner, Line 8...	Remy	3	None	None	Remy	7	675	2.5	11	20	1000	25	Natnl	Remy	31	Dim	3	3	3	No	Core	Core	No	Flatlite	9 1/2	Plain	Core	Core	Culver	Natnl	M	Remy	

AmBeh—American Bosch
AccMfg—Accessory Mfg.
ALite—Auto-Lite
A&W—Adams & Westlake
Briggs—Briggs & Stratton
B & L—Bausch & Lomb
Chic—Chicago
Corc—Corcoran
Cor Gid—Corcoran and Guide
Conn—Connecticut
Dim—Dimmer

Doug—Douglas
EA—EA Laboratories
EdJ—Edmunds & Jones
GH—Griffith-Hope
Guide—Guide Ray
Haver—Hav. Hill
Heins—Heins
In—Indiana
Ind—Indiana
Kell—Kellogg
Klax—Klaxon

Libty—Liberty
M—Motor
Mirro-Tilt—Mirror-Tilt
Monogram—Monogram
Natl—National
NEast—North East
O Dyno—Owen Dyneto
Rolls—Roller-Smith
Schwar—Schwarz
Spar—Spartan

Spec—Special
Speng—Spengler-Loomis
Sterl—Sterling
Stewrt—Stewart
Tiff—Tiffany
Twin B—Twin Beam
US G—United States Gauge
V—Vibrator
Wag—Wagner
Walth—Waltham
West—Westinghouse

Clutch, Transmission, Drive Shaft

MAKE AND MODEL	Clutch												Transmission						Drive shaft				Propulsion			
	Make	Driving discs	Driven discs	Dry	Facing		Thick-ness	No. required	Adjustable	Clutch brake	Clutch brake Adjustable	Clutch Shaft Universal?	Make	Location	Speeds	High	Gear ratio on			Front universal		Rear universal				
					Ma-terial	Make											Diam.		Second	Low	Reverse	Type		Make	Type	Make
																	Inside	Outside								
Gardner, 6.....	B&B	.....	1	Dry	Asbest	Rusco	63/4	97/4	1/8	2	Yes	No	No	No	WarGr	Unit	3	4.9	8.28	15.2	18.5	Metal	Cleve	Metal	Cleve	H
Gardner, Line 8.....	B&B	.....	1	Dry	Asbest	Rusco	63/4	97/4	1/8	2	Yes	No	No	No	WarGr	Unit	3	5.1	8.61	15.8	19.2	Metal	Cleve	Metal	Cleve	H

Almetal — All metal
Amid — Amidships
Asbest — Asbestos
B&B — Borg & Beck
BLipe — Brown Lips
Cambl — Campbell

DGM — Detroit Gear & Machine
Gnuy — Haigh
H — Hotchkiss
Hos — Hoosier
K&O — Kerosene and cylinder oil in equal parts

M&E — Merchant & Evans
Mechan — Mechanics
Multib — Multibestos
North — Northway
Raybest — Raybestos

Rock — Rockford
Rockid — Rockford
Sterl — Sterling
TA — Torque Arm
Therm — Thermoid

TR — Torque Rod
TT — Torque Tube
Univl — Universal
WarGr — Warner-Gear

Rear Axles—Tires—Springs

MAKE AND MODEL	Rear axle							Tires					Rims			Front springs					Rear springs					Spring lubrication recommended	
	Make	Type	Gear ratio	Differential—Make	Pinion adjustment	Pinion bearing adjustment	Mounting	Make	Size	No. of plies	Pressure	Type	Make	Di- am-eter	Base width	Type	Make	Ma-terial	Length	Width	No. of leaves	Type	Make	Ma-terial	Length		Width	No. of leaves
Gardner, 6.....	Col	SP	4.9	Col	.....	.....	.....	Goodyr	31x5.25	4	30-35	SS	MotorW	21	2 3/4	SE	DetSP	SiMn	38	2	10	SE	DetSP	SiMn	57	2 1/4	10
Gardner, Line 8.....	Col	SP	4.63	Col	.....	.....	.....	Goodyr	32x6	4	30-35	SS	MotorW	20	2 3/4	SE	DetSP	SiMn	38	2	10	SE	DetSP	SiMn	57	2 1/4	10

AAP — American Auto Parts
Alst — Alloy-Steel
Armst — Armstrong
BLipe — Brown-Lipe
BMich — Brock-Michelin
Bn Shl — Bean-Sheldon

Buff — Buffalo
Champ — Champion
Cl — Clincher
Cleve W — Cleveland Weld-
ing
Col — Columbia

CrVn — Chrome-Vanadium
CS — Carbon Steel
CylOil — Cylinder Oil
Cyl — Cylinder
DetSP — Detroit Steel Pro-
ducts

E — Elliptic
Etn — Eaton
F — Floating
FP — Full-floating
Fr — Friction
Frnd — Friction

Goodch — Goodrich
Goodyr — Goodyear
Gr — Graphite
Mang — Manganese Steel
Marc — Marcant
Motor W — Motor Wheel

NProc — New Process Gear
Oldfld — Oldfield
OP — Optional
Ovp Cl — Over-Columbus
Ovp Et — Over-Eaton
Ovp Et — Over-Eaton

P — Platform
Penn — Pennsylvania
Sal — Salisbury
SE — Semi-elliptic
SF — Semi-floating
Shldn — Sheldon

Sil — Silicon
SiMn — Silico-Manganese
SS — Straight-side
St-SP — Standard Steel
Strng — Strong

Tim — Timken
Timk — Timken
Tr — Transverse
Tim Et — Timken-Eaton
Vn — Vanadium

