

1930 Gardner

Specifications

Source -- MoTor January 1930

Major Specifications of 1930 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)		Wheel-base	Tread		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
								Ratio		Pounds at R. P. M.				Front	Rear		Front	Rear							
								Standard	Optional																
Gardner, 136.....	1295	LycWR	6L	2 7/8x4 3/4	185.0	19.84	70@3500	5.05	No		3330	4.45	5.50x19	9	13 1/2	122			Yes	Purol	Pr	Alemite	Stew	Sheblr	1 1/4
Gardner, 140.....	1695	LycGR	8L	2 7/8x4 3/4	246.6	26.45	90@3300	5.15	No		3500	4.45	5.50x19	9	13 1/2	125			Yes	Purol	Pr	Alemite	Stew	Sheblr	1 1/4
Gardner, 150.....	2045	LycMDG	8L	3 1/4x4 1/2	298.6	33.80	126@3300	5.25	No		3890	4.45	6.50x18	8	12 1/2	130			Yes	Purol	Pr	Alemite	Stew	Sheblr	1 1/4

AC — AC Spark Plug Co.
Alemite — Alemite Mfg. Co.
AlmAut — Alemite automatic system
AlmZerk — Alemite Zerk — Alemite Mfg. Co.
Bijur — Bijur Lubricating Corp.
Blfix — Belflex Syphon
Carter — Carter Carburetor Corp.

Cont — Continental Motors Corp.
Cuno — Cuno Engineering Corp.
Gits — Gits Bros. Mfg. Co.
Handy — Handy Cleaner Corp.
John — Detroit Lubricator Co.
Lyc — Lyecoming Motors Corp.
Male — Marvel Carburetor & Corp.
King — Bryne, Kingston

Pr — Pressure
Purol — Purolator — Motor Improvements Co.
Sheblr — Wheeler-Shebler Carburetor Corp.
Skinr — Skinner Auto Devices Co
Sp — Splash
Stanley — Stanley Auto Products Co.

Stew — Stewart Warner Corp.
Strom, Stromb — Stromberg Motor Devices Co.
Till — Tillotson Mfg. Co.
VS — Van Sicklen
Wall — Brandenburg Bros.
Zenith — Zenith Detroit Co.
\$ — Indicates equipment not fitted

Major Specifications of 1930 Cars

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

MAKE AND MODEL	Fuel filter, make	Air cleaner, make	Location of chassis serial number	Type, water circulation	Cooling		Electrical		Clutch			Drive		Axles			Brakes			Rear springs, type	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	Total number	Service			Hand	Type	Make	Make	Depth	Thickness	Flange width	
														Make	Type	Make		Make	Type		Location							
Gardner, 136.....	Gasco	\$	Dash	P	Dole	Pine	DelRem	DelRem	B&B	2	1	Unit	Sp	Colmba	SF	Colmba	SF	5	Lockd	Hyd	Trans	SE	C&L	Ross	Midlnd	6 1/2	1 1/2	2
Gardner, 140.....	Gasco	AMaze	Dash	P	Dole	Pine	DelRem	DelRem	B&B	2	1	Unit	Sp	Colmba	SF	Colmba	SF	5	Lockd	Hyd	Trans	SE	C&L	Ross	Midlnd	7	3/4	2
Gardner, 150.....	Gasco	AMaze	Dash	P	Dole	Pine	DelRem	DelRem	B&B	2	1	Unit	Sp	Colmba	SF	Colmba	SF	5	Lockd	Hyd	Trans	SE	C&L	Ross	Midlnd	7	3/4	2

A --- Air
AC --- AC Spark Plug Co.
A Maze --- Air Maze Corp.
AutoLit --- Electric Auto-lite Co.
B&B --- Borg & Beck Co.
--- Bendix Brake Co.
Belflex-Belflex Corp.
BLipe --- Brown Lipe Gear Co.
C&L --- Cam & lever
Clark --- Clark Equipment Co.
Cliffd --- Clifford

Colmba — Columbia Axle Co.
Cont — Continental Motors Corp.
DeJon — Electric Auto-lite Co.
DelRem — Delco-Remy Corp.
Dole — Dole Valve Co.
3/4 — 3/4 floating
FB — Floor board
Gasco — Gasco-Lator—Alemite Mfg. Co.
Gemr — Gemmer Mfg. Co.

Handy — Handy Cleaner Corp.
Hyd — Hydraulic
Jacox — Saginaw Products Co.
King — Kingston Products Corp.
LFram — Left frame
LFFram — Left front frame member
Lockd — Lockheed-Hydraulic Brake Co.
Long — Long Mfg. Co.

Midlnd — Midland Steel Products Co.
Mech — Mechanical
Motrst — Motorst-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 Winterfronts

RBS —
RFram — Right frame
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 — A. O. Smith Co.
Sp — Springs
Stew — Stewart Warner Corp.
Sylphn — Sylphon-Fulton Co.
T — Thermosyphon
TA — Torque Arm
Till — Tillotson Mfg. Co.
Tim — Timken-Detroit Axle Co.
Tr — Transverse
Trans — Transmission

Trusn — Truscon
TT — Torque Tube
United — United Air-Cleaner Co.
Vac — Vacuum
Va, Varius — Various
W&G — Worm & gear
TA — Torque Arm
W&R — Worm & roller
W&S — Worm & sector
W&W — Worm & wheel
4Whls — 4 wheels

Cylinders, Pistons, Rings, Connecting Rods—1930

MAKE AND MODEL	No. of cylinders and valve arrangement	Bore and stroke	Engine mounting rubber, front, rear or both	Engine Make	Piston										Piston ring				Wristpin				Connecting rod			Connecting rod bearing									
					Make or material	Features	Weight, ounces	Length	Clearance		Ring groove depth		Is lower groove drilled radially	Oil			Comp.			Length	Diameter	Locking method	Clearance	Hole finish	Length	Material	Weight, ounces	Material	Make	Diameter and length	Clearance	End Play	Type of shims	Type	
									Top	Bottom	Oil	Comp.		No. used	Width	Gap	No. used	Width	Gap																Max. wall thickness
Gardner, 136.....	6L	2 $\frac{7}{8}$ x4 $\frac{3}{4}$	Rear	LycWR	NeBohAlAl	Slottd	...	3 $\frac{3}{4}$	015	0015	147	137	Yes	2	5	...	2	1 $\frac{1}{8}$	...	125	2 $\frac{1}{8}$	7/8	Flot	...	R	9 $\frac{1}{2}$	1035	...	Babb	...	2 $\frac{1}{8}$ x1 $\frac{1}{4}$	001	...	None	Pour
Gardner, 140.....	8L	2 $\frac{7}{8}$ x4 $\frac{3}{4}$	Rear	LycGR	NeBohAlAl	Invar	...	3 $\frac{3}{4}$	015	0015	147	137	Yes	2	5	...	2	1 $\frac{1}{8}$	...	125	2 $\frac{1}{8}$	7/8	Flot	...	R	9 $\frac{1}{2}$	1035	...	Babb	...	2 $\frac{1}{8}$ x1 $\frac{1}{4}$	001	...	None	Pour
Gardner, 150.....	8L	3 $\frac{1}{4}$ x4 $\frac{1}{2}$	Rear	LycMDG	NeBohAlAl	Invar	...	3 $\frac{1}{8}$	019	0015	145	135	Yes	2	5	...	2	1 $\frac{1}{8}$	...	125	2 $\frac{1}{8}$	7/8	Flot	...	R	9	1035	...	Babb	...	2 $\frac{1}{8}$ x1 $\frac{1}{4}$	001	...	None	Pour

AlAl — Aluminum
AlSt — Alloy steel
B — Broach
Babb — Babbitt
CI, CIron — Cast iron

Con — Continental Motors Corp.
Copr — Copper
CStee — Carbon steel
CrMol — Chrome molybdenum
DB — Diamond bore

DeLux — DeLux Products
Dural — Duralumin
FC — Fly cut
Fahrg — Fahrig
Fedrl — Federal Mogul Corp.
Flot — Float

G — Ground
Invar — Invar struts
Lyc — Lycoming Motors Corp.
Lamd — Laminated
Lyn, Lynite — Aluminum Co. of America

NkCI — Nickel cast iron
NeBoh — Nelson Bohnalite
Permite — Aluminum Industries, Inc.
Pist — Piston
R — Reamed

RaDa — Ray Day
SeSteel — Semi-Steel
Slottd — Slotted
StBB — Steel backed babbit
Number which specify material refer to SAE specifications

Crankshaft, Timing Gears and Camshaft—1930

MAKE AND MODEL	Vibration damper or front flywheel	Vibration damper type	Counterweights on crankshaft	Crankshaft bearings										Crankshaft gear		Camshaft gear		Generator gear		Timing chain						
				Which takes thrust	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	Adjustment
Gardner, 136.....	No	...	No	3	004	BrBB	0015	2 $\frac{3}{8}$ x1 $\frac{1}{2}$	2 $\frac{3}{8}$ x1 $\frac{1}{2}$	2 $\frac{3}{8}$ x1 $\frac{1}{2}$	2 $\frac{3}{8}$ x1 $\frac{1}{2}$	.....	.....	Lyc	1020	Lyc	CIron	Lyc	CIron	LkB	24 1/2	49	1 $\frac{1}{4}$	1 $\frac{1}{2}$	No	
Gardner, 140.....	VD	La	No	3	004	BrBB	0015	2 $\frac{3}{8}$ x1 $\frac{1}{2}$	2 $\frac{3}{8}$ x1 $\frac{1}{2}$	2 $\frac{3}{8}$ x1 $\frac{1}{2}$	2 $\frac{3}{8}$ x1 $\frac{1}{2}$	.....	.....	Lyc	1020	Lyc	CIron	Lyc	CIron	LkB	24 1/2	49	1 $\frac{1}{4}$	1 $\frac{1}{2}$	No	
Gardner, 150.....	VD	La	No	2	004	BrBB	0015	2 $\frac{3}{8}$ x2 $\frac{1}{8}$	2 $\frac{3}{8}$ x1 $\frac{1}{4}$	2 $\frac{3}{8}$ x2	2 $\frac{3}{8}$ x1 $\frac{1}{8}$	2 $\frac{3}{8}$ x2 $\frac{1}{8}$	.....	Lyc	1020	Lyc	CIron	Lyc	CIron	LkB	34	85	1 $\frac{1}{2}$	.4	Man	

Auto — Automatic
BrBB — Bronze backed babbit
Celrn — Celoron — Continental-Diamond Fibre Co.
CIron — Cast iron
Cont — Continental Motors Corp.
Diam — Diamond Chain & Mfg. Co.
DIRm — Delco-Remy Corp.

Fabre — Fabric
FF — Front flywheel
Fhrg — Fahrig
GE — General Electric Co.
La — Lancaster
LkBlt — Link Belt Co.
Lyc — Lycoming Motors Corp.
Man—Manual

Mey — Mercury
Morse — Morse Chain Co.
Ramsey — Ramsey Chain Co.
SeStl — Semi-steel
StBB — Steel backed babbit
Texto — Textolite — General Electric Co.
Va, Var, Varius — Various

VD — Vibration damper
Whit, Whitney — Whitney Mfg. Co.
1 — Nash, Twin Ignition, 8 — No., 8, 2 $\frac{3}{8}$ x1 $\frac{1}{8}$. No. 9, 2 $\frac{3}{8}$ x2 $\frac{1}{2}$
2 — Packard, 726, 733, 740, 745—No. 8, 2 $\frac{3}{8}$ x $\frac{3}{4}$. No. 9, 2 $\frac{3}{8}$ x2 $\frac{1}{4}$
3 — Pierce-Arrow, All—No. 8, 2 $\frac{3}{8}$ x1 $\frac{3}{8}$. No. 9, 2 $\frac{3}{8}$ x2 $\frac{1}{2}$

4 — Stearns-Knight, H, J—No. 8, 3x1 $\frac{1}{4}$. No. 9, 3x3
5 — Studebaker Com. 8, Dict. 8—No. 8, 2x1. No. 9, 2x1 $\frac{1}{4}$
6 — Stutz, MA, MB—No. 8, 2 $\frac{1}{2}$ x1 $\frac{1}{4}$. No. 9, 2 $\frac{1}{2}$ x2 $\frac{1}{2}$
Numbers which specify material refer to SAE specifications

Valves and Lubrication—1930

MAKE AND MODEL	Valve make		Valve head		Angle of valve seat		Valve stem						Valve lift		Are valves with over-size stems made?		Are valve guides removable?		Valve spring pressure and length				Tappet clearance				Valve timing			
	Intake	Exhaust	Material				Diameter		Material		Length								Diameter	Clearance	Intake		Exhaust		Operating	Valve timing °	Operating	Valve timing	Intake		Exhaust
			Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Intake	Exhaust	Valve closed	Valve open	Valve closed	Valve open	Opens	Closes	Opens	Closes												
Gardner, 136.....	RSP	RSP	3140	Siler	1 1/4	1 1/4	45	45	3140	Siler	341		1 1/4	Yes	Yes	44@2 1/8	85@1 1/4	44@2 1/8	85@1 1/4	006 H	010	008 H	010	5B	40A	503	10A			
Gardner, 140.....	RSP	RSP	3140	Siler	1 1/4	1 1/4	45	45	3140	Siler	341		1 1/4	Yes	Yes	44@2 1/8	85@1 1/4	44@2 1/8	85@1 1/4	006 H	010	008 H	010	DC	45A	503	10A			
Gardner, 150.....	RSP	RSP	3140	Siler	1 1/4	1 1/4	45	45	3140	Siler	341		1 1/4	Yes	Yes	44@2 1/8	85@1 1/4	44@2 1/8	85@1 1/4	006 H	010	008 H	010	DC	45A	503	10A			

MAKE AND MODEL	Oil pressure to																Chassis Lubrication		
	Lubrication type	Main bearings	Connecting rods	Wristpins	Camshaft bearings	Timing gear lubrication	Oil pump, type	Oil, grade recommended	Normal oil pressure, pounds at m.p.h.	Pressure at which relief valve opens	Capacity of oil reservoir, quarts	Oil pressure gauge, make	Drain oil, miles	Type of drain	Oil reservoir gauge type	External oil filter, make	Oil rectifier make	Chassis Lubrication	
																		Type	Make
Gardner, 136.....	Pr	Yes	Yes	No	Yes	Po	G	Med	50@30	7	MotM	1000	Plug	Stick	Purol	\$	PG	Alemite	
Gardner, 140.....	Pr	Yes	Yes	No	Yes	Po	G	Med	50@30	8	MotM	1000	Plug	Stick	Purol	\$	PG	Alemite	
Gardner, 150.....	Pr	Yes	Yes	No	Yes	Po	G	Med	30@30	8	MotM	1000	Plug	Stick	Purol	\$	PG	Alemite	

DC -- Dead Center G -- Gear MotM -- Motor Meter Gauge Po -- Positive Purol -- Purolator Pr -- Pressure Siler -- Silechrome RSP -- Rich Steel Products Co.

Fuel and Cooling Systems—1930

MAKE AND MODEL	Fuel system								Intake			Exhaust		Cooling system																	
	Gasoline tank		Feed		Gasoline filter, make	Carbureter			Heat adjustment	Electric mixture heating	Air cleaner make	Diam. exhaust pipe	Muffler, make	Circulation, type	Water pump		Thermostat, make	Radiator shutter		Radiator		Capacity, gallons	Radiator hose				Fan belt			Fan Make	
						Make and model	Size	Type							Type	Drive		Make	Control	Type	Make		Lower		Upper		Type	Make	Length		Width
	Make	Capacity	Type	Make	Make and model				Size	Type	Type	Drive	Make	Control			Type					Make	Inside diameter	Length	Inside diameter	Length				Type		Make	Length	Width
	Gardner, 136. . .	Evans	16	VT	Stew	Gasco	ShbMV	1 1/4	Sing	No	\$	\$	2	Bufflo	P	Cent	Shft	Dole	Pine	Aut	Cluir	Fedder	4 1/4	1 1/2	7	1 1/2	8 1/2	V	Dayton	44 7/8	3/4	HyDuty
Gardner, 140. . .	Evans	16	VT	Stew	Gasco	Shb5X381	1 1/4	Dual	Man	\$	AMaze	2 1/4	Bufflo	P	Cent	Shft	Dole	Pine	Aut	Cluir	Fedder	4 3/4	1 1/2	11	1 1/2	9 1/2	V	Dayton	44 7/8	3/4	HyDuty
Gardner, 150. . .	Evans	16	VT	Stew	Gasco	Shb5X356	1 1/4	Dual	Man	\$	AMaze	2 1/4	Bufflo	P	Cent	Shft	Dole	Pine	Aut	Cluir	Fedder	5	1 1/2	6	1 1/2	7	V	GrKt	36	5/8	HyDuty

AMaze -- Air Maze Corp. Aut -- Automatic Bufflo -- Buffalo Pressed Steel Co. Cluir -- Cellular Dayton -- Dayton Rubber Mfg. Co. Dole -- Dole Valve Co.
 Evans -- Evans Mfg. Co. Fedder -- Fedders Mfg. Corp. Gasco -- Gasco Lator-Alemite Mfg. Co. GrKt -- Graton & Knight Co. HyDuty -- Schwitzer Cummins Co.
 Man -- Manual Pine -- Pines Winterfront Shb -- Wheeler Schebler Carburetor Co. Shft -- Shaft Stew -- Stewart Warner Corp. VT -- Vertical Tube, Vacuum Tank

Ignition—Battery—Starting Motor—1930

MAKE AND MODEL	Ignition unit						Coil			Ignition switch	Spark plug				Battery						Starting motor						Flywheel									
	Make	De-grees advanced		Breaker gap	Timing		Make	Amperage draw			Ballast fitted	Thread	Make			Ignition cable make	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	Lock, amperage and torque	Lock voltage	Drive, type	Pinion mesh, fit. or rear	No. of teeth	Width of teeth-face	Teeth Type	Ratio to starter	
		Manual	Automatic		Degrees-Spark retarded	Firing order		Engine stopped	Engine running				Model	Gap	Start					Finish	Voltage															
Gardner, 136...	DR	15	15	018	8B†	153624	DR	...	...	No	DR	7/8	...	Champ	030	Pack	Prest	Wet	120	4	4	6	P	DR	...	1520	145	145@2	15@450	3.7	Bendix	F	97	7/8	I	..
Gardner, 140...	DR	15	15	018	6B†	16258374	DR	4.5	.6	No	DR	7/8	...	Champ	030	Pack	Prest	Wet	120	4	4	6	P	DR	...	1520	145	145@2	15@450	3.7	Bendix	F	97	7/8	I	..
Gardner, 150...	DR	15	15	018	6B†	16258374	DR	4.5	.6	No	DR	7/8	...	Champ	030	Pack	Prest	Wet	135	4	4	6	P	DR	...	2000	155	155@2	15@570	3.3	Bendix	F	121	7/8	I	..

Champ -- Champion Spark Plug Co. Dr -- Delco Remy Corp. Pack -- Packard Electric Co. Prest -- Prest-O-Lite Co.

Generator and Lighting Circuits—1930

MAKE AND MODEL	Generator														Am-meter, make	Light-ing switch, make	Tail and dash in series	Lights						Horn		
	Make	Driven by	Voltage regulation	Fuse capacity	Thermostat opening temp.	Cutout relay				Maximum normal charging rate								Double filament bulbs	How dimmed	Make	Side make	Tail make	Type	Make	Amperag draw	
						Make	To close			Amperes— To open	Hot	Cold	Armature speed	Car speed												Voltage
							Armature speed	Volts	Car speed																	
Gardner, 136.....	Del-Rem	Bl†	3	No	150	Del-Rem	675	6.5	6	2.5	9	19	1450	30	6	MotM	.....	No	Yes	DB	Coren	Coren	Coren	V	Motvx	10
Gardner, 140.....	Del-Rem	Bl†	3	No	150	Del-Rem	675	6.5	6	2.5	9	19	1450	30	6	MotM	Natnl	No	Yes	DB	Coren	Coren	Coren	V	Motvx	10
Gardner, 150.....	Del-Rem	Ch	3	No	150	Del-Rem	675	6.5	6	2.5	9	19	1450	30	6	MotM	Natnl	No	Yes	DB	Coren	Coren	Coren	V	Motvx	10

Bl† -- Belt Ch -- Chain Coren -- Coreoran Lamp Co. Del-Rem -- Delco Remy Corp. MotM -- Moto Meter Gauge & Equipment Co. Motvx -- Moto Meter Gauge & Equipment Co. V -- Vibrator

Clutch, Transmission, Drive Shaft—1930

MAKE AND MODEL	Clutch								Transmission										Drive shaft						Propulsion	Torque				
	Make	Vibration insulation	Disc.		Facing				Make	Location	Speeds forward	Gear ratio				Oil capacity lbs.	Front universal		Rear universal		Lubrication									
			No. of driving	No. of driven	Type	Diam.		Thickness				No. required	Total	Transmission				Make	Type	Make		Type								
						Inside	Outside							Third (4 sp'ds)	Second		Low						Reverse							
																								High			Third (4 sp'ds)	Second	Low	Reverse
Gardner, 136	B&B	2	1	Wave	6 $\frac{1}{2}$	8 $\frac{7}{8}$	1 $\frac{1}{2}$	2	Warner	Unit	4	4.45	1.42	2.32	3.74	3.20	4	Spicer	Metal	Spicer	Metal	.....	Sp	Sp						
Gardner, 140	B&B	2	1	Wave	6 $\frac{1}{2}$	8 $\frac{7}{8}$	1 $\frac{1}{2}$	2	Warner	Unit	3	4.45	.....	1.69	3.11	3.78	3	Spicer	Metal	Spicer	Metal	.....	Sp	Sp						
Gardner, 150	B&B	2	1	Wave	6 $\frac{3}{4}$	9 $\frac{7}{8}$	1 $\frac{1}{2}$	2	Warner	Unit	3	4.45	.....	1.69	3.11	3.78	3	Spicer	Metal	Spicer	Metal	.....	Sp	Sp						

Alemite — Alemite Mfg. Co.
 B&B — Borg & Beck Co.
 BLip, BLipe — Brown Lipe Gear Co.
 Cleve — Cleveland Steel Products Corp.
 DG&M — Detroit Gear & Machine Co.

Detr — Detroit
 Fa, Fabre — Fabrice
 FibGr — Fibre graphite
 Goodrh — B. F. Goodrich Rubber Co.
 Long — Long Mfg. Co.

Mech — Mechanics Universal Joint Co.
 Muncie — Muncie Products
 RR — Radius rod
 Rock — Rockford Drilling Machine Co.
 Ru, Rubr — Rubber

Sp — Springs
 Spicer — Spicer Mfg. Corp.
 TA — Torque arm
 TT — Torque tube
 Univer — Universal Products Co.

Warner — Warner Gear Co.
 \$ — Indicates equipment not fitted

Rear Axles, Tires and Springs—1930

MAKE AND MODEL	Rear axle												Tires				Rims			Springs															
	Make	Type	Road clearance	Differential make	Oil capacity	Gearing					Make	Size	Number of plies	Inflation pressure	Make	Diameter	Width	Front					Rear					Spring lubrication	Shackles						
						Type	Ring gear	No. of teeth	Pinion	Pinion adjustment								Pinion bear'g adjust	Pinion bearing in sleeve	Type	Make	Material	Length	Width	No. of leaves	Shackle location	Type		Make	Material	Length	Width	No. of leaves	Type	Make
Gardner, 136.....	Cmba	SF	9	NwProc	2	Spiral	40	9	Sc	Sc	No	Va	5.50x19	4	30	35	Cleve	19 4	SE	Champ	Comp	36	2	8	Rear	SE	Champ	Comp	54	2 1/4	10	.....	Rubber	ON	
Gardner, 140.....	Cmba	SF	9	NwProc	2	Spiral	40	9	Sc	Sc	No	Va	5.50x19	4	30	35	Cleve	19 4	SE	Champ	Comp	36	2	8	Rear	SE	Champ	Comp	54	2 1/4	10	.....	Rubber	ON	
Gardner, 150.....	Cmba	SF	8	NwProc	2	Spiral	49	11	Sc	Sc	No	Va	6.50x18	4	35	40	Cleve	18 4	SE	Champ	Comp	38	2	10	Rear	SE	Champ	Comp	57	2 1/4	12	.....	Rubber	ON	

Cleve — Cleveland Welding & Mfg Co. Cmba — Columbia Axle Co. Champ — Champ Spring Co. Comp — Composition NwProc — New Process

Steering Mechanism, Front Axle and Brakes—1930

MAKE AND MODEL	Steering										Front axle			Foot brake														Hand brake									
	Gear		Turns of wheel for full swing	Car turning radius	Caster angle	Camber angle	Toe-in, inches	Kingpin crosswise inclination	Wheel, make	Make	Section type	End type	No. of brakes	Make	Type	Type lining	Rear					Front					Total braking area	Per cent braking on rear wheels	Location	Internal or external	Drum diameter	Lining					
	Type	Make															Length per wheel	Lining			Length per wheel	Lining															
																		Width	Thickness	Clearance		Width	Thickness	Clearance													
Gardner, 136.....	C&L	Ross	3 7/8	20	2	2	1/4	.....	.....	Columbia	I	REIL	5	Lockhd	Hyd	Wave	12	Int	21 3/4	1 3/4	1 3/8	b	12	Int	21 3/4	1 3/4	1 3/8	b	152.2	50	Trans	Ext	6	18	2	3/8	1 1/4
Gardner, 140.....	C&L	Ross	3 7/8	20	2	2	1/4	.....	.....	Columbia	I	REIL	5	Lockhd	Hyd	Wave	12	Int	21 3/4	1 3/4	1 3/8	b	12	Int	21 3/4	1 3/4	1 3/8	b	152.2	50	Trans	Ext	6	18	2	3/8	1 1/4
Gardner, 150.....	C&L	Ross	3 7/8	20	2	2	1/4	.....	.....	Columbia	I	REIL	5	Lockhd	Hyd	Wave	14	Int	25 3/8	1 3/4	1 3/8	b	14	Int	25 3/8	1 3/4	1 3/8	b	177.6	50	Trans	Ext	8	24 1/2	2	3/8	1 1/4

Columbia — Columbia Axle Co. Lockd — Hydraulic Brake Co. Trans — Transmission

Equipment Used on 1930 Cars

MAKE AND MODEL	Body model	Price and passengers	STANDARD EQUIPMENT INCLUDED IN PRICE LIST																															
			Speedometer, make	Gasoline gauge		Thermometer, make	Car lock		Clock, make	Cigar lighter, make	Non-shatterable glass		Wind-shield cleaner		Windshield wings, make	Car heater, make	Trunk rack	Trunk, make	Front bumper, make	Rear bumper		Backing light	Tail and stop light, make	Shock absorbers		Standard wheels		Spring Covers Make	Spare Rim or Wheel	Power tire pump				
				Make	Type		Make	Type			Make	Location	Make	Type						Make	Type			Make	Type	Make	Type				Make	1 or 2 way	Make	Type
Gardner, 136...	Roadster	1245-4	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 136...	SptPhae	1295-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 136...	SptPhae	1545-7	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 136...	SptSedan	1195-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 136...	Coupe	1245-4	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 136...	Brougham	1245-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 136...	Sedan	1295-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 136...	Sedan	1595-7	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 140...	Roadster	1645-4	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 140...	SptPhae	1895-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 140...	SptPhae	1945-7	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 140...	SptSedan	1595-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 140...	Coupe	1645-4	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 140...	Brougham	1645-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 140...	Sedan	1695-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 140...	Sedan	1995-7	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	\$	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 150...	Roadster	1995-4	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	Y	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 150...	SptPhae	2045-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	Y	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 150...	SptPhae	2295-7	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	Y	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 150...	SptSedan	1945-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	Y	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 150...	Coupe	1995-4	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	Y	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 150...	Brougham	1995-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	Y	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 150...	Sedan	2045-5	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	Y	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				
Gardner, 150...	Sedan	2345-7	Stwrt	MotM	Ele	MotM	DelRm	Igntn	Borg	Cuno	\$	\$	Trico	Vac	\$	\$	\$	\$	CG	CG	FnGrd	Y	Coren	Lovjy	..	Bimel	Wood	\$	1R	\$				

Bimel -- Bimel Spoke & Auto Wheel Co.
 Coren -- Coreoran Lamp Co.
 Cuno -- Cuno Engineering Co.
 Daytn -- Dayton Wire Wheel Co.
 DelRm -- Delco Remy Corp.
 Eaton -- Eaton Axle & Spring Co.
 Ele -- Electric.
 Elgin -- Elgin Clock Co.
 Eltlk -- Electrolock -- Mitchell Specialty Co.
 FnGrd -- Fender guard.
 Gab -- Gabriel Snubber Mfg. Co.
 Gen -- General Spring & Bumper Co.
 Guide -- Guide Motor Lamp Co.
 Hall -- C. M. Hall Lamp Co.
 Houde -- Houde Engineering Co.

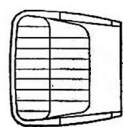
Hydro -- Hydrostatic.
 Ignnta -- Ignition.
 IgnSt -- Ignition and steering.
 Indna -- Indiana Lamp Co.
 Jaegr -- Jaeger Watch Co.
 Jaxon -- Jaxon Steel Products Co.
 KIHys -- Kelsey-Hayes.
 Kok -- Kokomo.
 KSTel -- King Seeley Corp.
 Lovjy -- Lovejoy-Delco Remy Corp.
 Man -- Manual
 Mckn --
 Mec -- Mechanical
 Men -- Monroe Auto Equip. Mfg. Co.

MotM -- Moto Meter Gauge and Equip. Co.
 MWh -- Motor Wheel Corp.
 New H -- New Haven Clock Co.
 NEast -- North East.
 Oakes -- Oakes Hershey Lock.
 Pitts -- Pittsburgh Safety Glass Co.
 Pfen -- Perfection Heater.
 R -- Rim.
 Roch -- Rochester.
 Safety -- Safety Glass.
 Shalr -- Shaler.
 Strlg -- Sterling Electric Clock Co.
 Strmb -- Stromberg Moto Devices.
 Stwrt -- Stewart-Warner Corp.

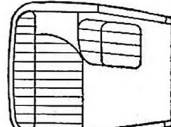
T -- Throughout.
 Trans -- Transmission.
 Trico -- Trico Products Co.
 Trplx -- Triplex Safety Glass Co.
 Va -- Various.
 Vac -- Vacuum.
 W -- Windshield, Wheel.
 Wahl -- Wahl Co.
 Watsn -- John Warren Watson Co.
 Wlth -- Waltham Watch Co.
 Yale -- Yale and Towne Mfg. Co.
 \$ indicates equipment not supplied.
 *Standard equipment but not included in list price

Body Details and Tire Equipment of 1930 Cars

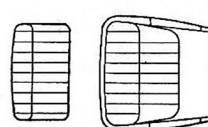
MAKE AND MODEL	Body model	Price and passenger	Wheelbase	Weight	Seating arrangement	Number of doors	Gear ratio	Compression ratio	Tire size	Make of body	Body material		Finish	options	Lacquer make	Hardware, make	Standard upholstery				Windshield, type	Front pillar diagonal	Top frame, type	Steering column adjustment, inches	Front seat adjustment, inches	Body dimensions (See diagram at foot of page 228)											Head Room	Overall height	
											Frame work	Panels					Rear and quarter	Material	Side and back	Cushions and head lining						Make	Side and head lining	A	B	C	D	E	F	G	H	J			K
Gardner, 136....	Roadster	1245-4	122	3050	3	2	4.10	5.05	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Lea	Lea	Va	Va	Fld	....	Bow	Yes	No	41	37	43	7½	11	21	18	16½	27½	....	44	67		
Gardner, 136....	SptPhae	1295-5	122	3120	6	4	4.10	5.05	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Lea	Lea	Va	Va	Fld	....	Bow	Yes	No	42	43	23	8	9½	19	21	16½	27½	25	47	72		
Gardner, 136....	SptPhae	1545-7	122	3420	7	4	4.45	5.05	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Lea	Lea	Va	Va	Fld	....	Bow	Yes	No	42	43	37½	8	9½	22½	21	16½	27½	25	47	72		
Gardner, 136....	SptSedan	1195-5	122	3250	6	4	4.45	5.05	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	47	50	19½	8	13	19	21	15	30	27½	47	72		
Gardner, 136....	Coupe	1245-4	122	3180	3	2	4.10	5.05	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	48	37	43	8½	11½	20	18	16½	30	....	45	70		
Gardner, 136....	Brougham	1245-5	122	3250	6	4	4.45	5.05	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	47	50	19½	8	13	19	21	15	30	27½	47	72		
Gardner, 136....	Sedan	1295-5	122	3330	6	4	4.45	5.05	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	47	50	19½	8	13	19	21	15	30	27½	47	72		
Gardner, 136....	Sedan	1595-7	122	3630	7	4	4.45	5.05	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	47	50	38	8	13	19	21	15	30	27½	47	72		
Gardner, 140....	Roadster	1645-4	125	3200	3	2	4.45	5.15	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Lea	Lea	Va	Va	Fld	....	Bow	Yes	No	41	37	43	7½	11	21	18	16½	27½	....	44	67		
Gardner, 140....	SptPhae	1695-5	125	3290	6	4	4.45	5.15	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Lea	Lea	Va	Va	Fld	....	Bow	Yes	No	42	43	23	8	9½	22	21	16½	27½	25	47	72		
Gardner, 140....	SptPhae	1945-7	125	3600	7	4	4.90	5.15	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Lea	Lea	Va	Va	Fld	....	Bow	Yes	No	42	43	37½	8	9½	22½	21	16½	27½	25	47	72		
Gardner, 140....	SptSedan	1595-5	125	3400	6	4	4.45	5.15	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	47	50	19½	8	13	19	21	16	30	27½	47	72		
Gardner, 140....	Coupe	1645-4	125	3350	3	2	....	5.15	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	48	37	33	8½	11½	20	18	16½	30	....	45	70		
Gardner, 140....	Brougham	1645-5	125	3400	6	4	....	5.15	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	47	50	19½	8	13	19	21	15	30	27½	47	72		
Gardner, 140....	Sedan	1695-5	125	3500	6	4	....	5.15	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	47	50	19½	8	13	19	21	15	30	27½	47	72		
Gardner, 140....	Sedan	1995-7	125	3810	7	4	4.90	5.15	5.50x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	47	50	19½	8	13	19	21	15	30	27½	47	72		
Gardner, 150....	Roadster	1995-4	130	3560	3	2	3.90	5.25	6.00x19	Cntrl	C	S	..	22	Glid	Fer	Lea	Lea	Va	Va	Fld	....	Bow	Yes	No	41	37	43	7½	11	21	18	16½	27½	....	44	67		
Gardner, 150....	SptPhae	2045-5	130	3630	6	4	3.90	5.25	6.00x19	Cntrl	C	S	..	22	Glid	Fer	Lea	Lea	Va	Va	Fld	....	Bow	Yes	No	42	43	23	8	9½	22	21	16½	27½	25	47	72		
Gardner, 150....	SptPhae	2295-7	130	3920	7	4	5.10	5.25	6.00x19	Cntrl	C	S	..	22	Glid	Fer	Lea	Lea	Va	Va	Fld	....	Bow	Yes	No	42	43	37½	8	9½	22½	21	16½	27½	25	47	72		
Gardner, 150....	SptSedan	1945-5	130	3800	6	4	4.45	5.25	6.00x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	47	50	19½	8	13	19	21	15	30	27½	47	72		
Gardner, 150....	Coupe	1995-4	130	3720	3	2	3.90	5.25	6.00x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	48	37	43	8½	11½	20	18	16½	30	....	45	70		
Gardner, 150....	Brougham	1995-5	130	3800	6	4	4.45	5.25	6.00x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	47	50	19½	8	13	19	21	15	30	27½	47	72		
Gardner, 150....	Sedan	2045-5	130	3890	6	4	4.45	5.25	6.00x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing	....	Slat	Yes	No	47	50	19½	8	13	19	21	15	30	27½	47	72		
Gardner, 150....	Sedan	2345-7	130	4210	7	4	5.10	5.25	6.00x19	Cntrl	C	S	..	22	Glid	Fer	Va	Va	Va	Va	Hing		Slat	Yes	No	47	50	19½	8	13	19	21	15	30	27½	47	72		



No. 1



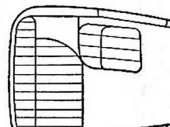
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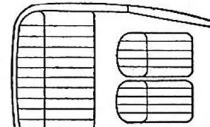
No. 3



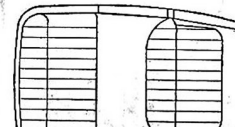
No. 4



No. 5



No. 6



No. 7



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.....J
Width Rear Door.....K

Ad — Adjustable.
A — Aluminum.
AW — Art Work Shop.
BC — Broadcloth.
BdC — Bedford Cord.
BR — Baker Raulang Co.
Brig — Briggs Mfg. Co.
Budd — Budd Mfg. Co.
C — Composite.
Chs — L. C. Chase & Co.
Clev — Cleveland Varnish Co.
Cdr — Corduroy.
Cntrl — Central Body Co.
Crn — Crank.

DK — Devereaux-Keeler Brass Co.
Diet — Dietrich, Inc.
Ditz — Ditzler Color Co.
Duc — Duco-dePont de Nemours & Co.
Dur — Dura Co.
Eag — Eagle Ottawa Leather Co.
Egy — Egyptian Lacquer Mfg. Co.
Fisr — Fisher Body Corp.
Flt — Fleetwood Body Corp.
Fld — Folding.
Glid — Glidden.
Hays — Hayes Body Corp.
HK — Hale-Kilburn.
Hrz — J. C. Hartz Co.

F — Fabric.
Jud — Judkins Co.
Laid — Laidlaw Co.
Lea — Leather.
LeBar — LeBaron.
Lock — Locke & Co.
LoSlat — Longitudinal slats.
Mo — Mohair.
ML&S — Metal laths and slats.
Mon — Mono control.
Mur — Murphy Varnish Co.
Mury — Murray Body Co.
Pyr — Paroxlyn.
Phil — Philips Custom Body Co.

S — Steel.
Seam — Seaman Body Corp.
Stud — Studebaker.
Ter — Ternstedt.
Val — Valentine & Co.
Va — Various.
Vl — Velour.
Vlm — Velmo.
VV — Fisher VV.
Wilg — Wiloughby.
Wey — Weyman.
Wes — Wiese.
Wor — Worsted.
WrM — Wire mesh.

Bearings—Electrical Units, Fan and Transmission—1930

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, 136.....	a. Pl $\frac{9}{16} \times \frac{15}{16}$	a. ND 1203.....	a.	a.	a. Bz .629x.817x1.1...	a. Hy NC 307.....	Hy NC 210
Gardner, 136.....	b. Pl $1 \times 1 \frac{1}{4}$	b. ND 1203.....	b. CI.....	b.	b. Bz .984x1.176x1.7	b. Ball 1306.....	Hy C 208
Gardner, 136.....	c. Gr Bz $\frac{5}{8} \times \frac{7}{8}$		c. CI.....	c. ND 7204.....			No
Gardner, 140.....	a. Pl $\frac{9}{16} \times \frac{15}{16}$	a. ND 1203.....	a.	a. Gr.....	a. Hy 27992.....	a. 204.....	Ba 998x1.194x2 1/4
Gardner, 140.....	b. Pl $1 \times 1 \frac{1}{4}$	b. ND 1203.....	b. CI.....	b.	b. Bz .99x1.175x1.7..	b. 306.....	Ba 998x1.194x2 1/4
Gardner, 140.....	c. GrBz $\frac{5}{8} \times \frac{7}{8}$		c. CI.....	c. ND 7204.....			No
Gardner, 150.....	a. Pl $\frac{9}{16} \times \frac{15}{16}$	a. ND 1203.....	a.	a. Gr.....	a. Hy 27992.....	a. 209.....	Ba 998x1.194x2 1/4
Gardner, 150.....	b. None.....	b. Pl.....	b.	b.	b. Bz .99x1.175x1.7..	b. 306.....	Ba 998x1.194x2 1/4
Gardner, 150.....	c. GrBz $\frac{9}{16} \times \frac{3}{4}$		c.	c. ND 7204.....			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.

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