

# ROSTER OF ELECTRICAL AUTOMOBILES

compiled by **Ervin Seltzer**

## Editor's Note

*The listing of the world's electric vehicles which follows is a first attempt and both the author and ANTIQUE AUTOMOBILE are aware there are most likely omissions and errors. Readers are encouraged to make additions and corrections they may note in the following.*

W. S. J.

The persistence and intensity of the world's dream of an electric powered automobile is shown by an inspection of this roster of the various makes which have

appeared, from the beginning of the commercial automotive industry in the 1890's, thru the present.

From a total of about 4000 makes of automobiles, the electric contributes 311, or almost 8%. The United States produced a little more than half the makes, with France, Germany and Great Britain accounting for most of the balance.

What is a "Make"? This is difficult to answer because different manufacturers sometimes pick the identical name or "make" for their car, such as in the case of "Century," "Columbia," and "Standard". In some cases a manufacturer has issued more than one "make" of electric automobile.

The list indicates, to the extent information was available, if the make is a passenger car or truck, if the motive power is straight electric or a hybrid of a gasoline engine powering a generator to furnish electricity and the years the make was issued.

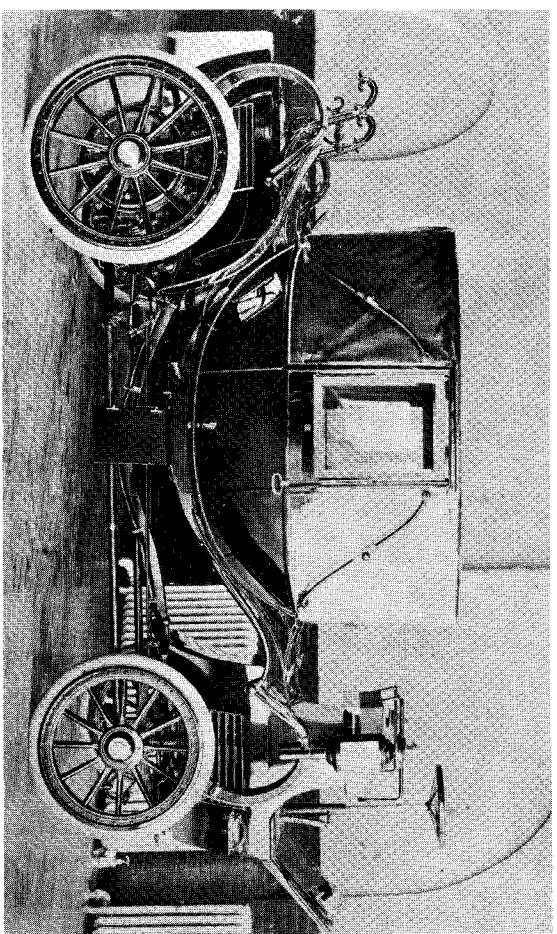
There are at least five companies in the United States at the present time from whom an electric road vehicle can be purchased.

MAKE	YEARS MFG.	PASSENGER	TRUCK	ALL-ELECTRIC	GAS-ELECTRIC
A.A.A.	1919-1922	x		x	
Accumulator Industries	1902-3	x		x	
A.E.M.	1926-7	x	x	x	
Ajax	1901-3	x		x	
Alexandra	1905-6	x		x	
ALFI	1922-4	x		x	
Altha Electric	1900-01	x		x	
American Electric	1899-	x		x	
Amer. Juvenile Electric	1902	x		x	
	1907	x		x	

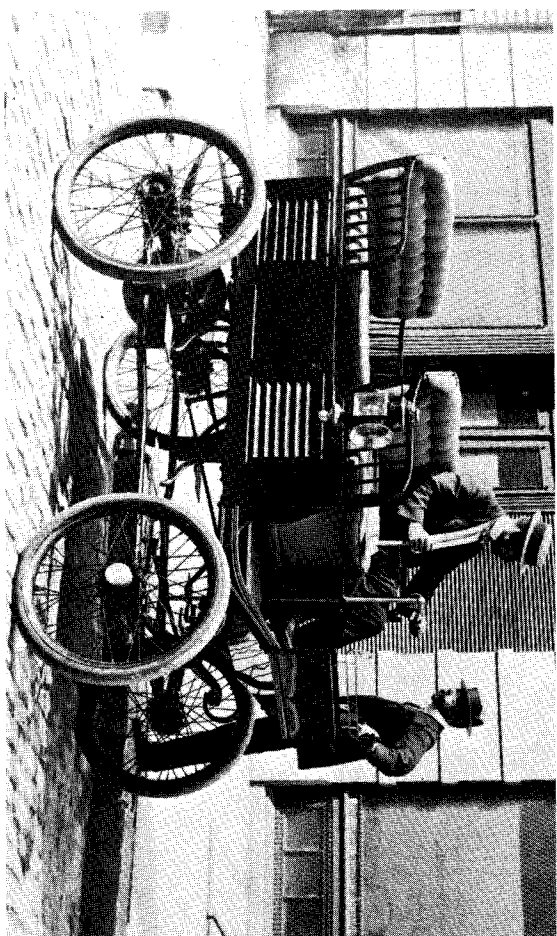
MANUFACTURER	LOCATION	COUNTRY
AG for Akkumulatoren- und Automobilbau	Berlin	Germany
Accumulator Industries Ltd.	Woking, Surrey	G.B.
Ste'd' Application Electro-Mechanique	Asnières, Seine	France
Ajax Motor Vehicle Co.	New York, N.Y.	US
Phoenix Carriage Co.	Birmingham	G.B.
Automobil- und Akkumulatoren-Bau-GmbH	Berlin	Germany
Altha Auto and Power Co.	Dover, Delaware	US
American Electric Vehicle Co.	Chicago, Ill.	US
American Electric Vehicle Co.	Hoboken, N.J.	US
American Metal Wheel and Auto Co.	Toledo, Ohio	US

MAKE	YEARS MFG.	PASSENGER	TRUCK	ALL-ELECTRIC	GAS-ELECTRIC
Anderson Electric	1907-19	x		x	
Andover	1910-20		x	x	
Andreas	1900-02	x		x	
Anthony	1897				x
Arbel	1957		x		
Argo	1912-14	x		x	
Argo	1912-17				
Arnold Electric	1895	x		x	
Arrol-Johnston	1915-20			x	
Atlantic	1908		x	x	
Aultman Electric Lorry	1946		x	x	
Autarquua	1899-		x	x	
Auto Car	1911				
Auto-Car	1906-10		x	x	
Autoette	1965-8	x		x	
Auto-Electric	1940		x	x	
Automatic	1921	x		x	
Auto-Mixte	1906-12			x	
Averley	1899-	x		x	
	1901				

MANUFACTURER	LOCATION	COUNTRY
Andover Motor Vehicle Co.	Andover, Mass.	US
Sachsishe Accumulatoren-Werke AG	Dresden	Germany
Automobiles Francois Arbel	Colorado Springs	US
Argo Electric Vehicle Co.	Paris	France
Borland Electric	Saginaw, Mich.	US
B.J. Arnold	Chicago, Ill.	US
Arrol-Johnston Works		G.B.
Atlantic Vehicle Co.		US
Autarquua SA	Barcelona & Madrid	G.B.
Auto Car Co.	Ardmore, Pa.	US
Auto-Car Equipment Co.	Buffalo, N.Y.	US
Autoette Electric Car Co.	Long Beach, Calif.	US
Murphy Ltd.	Buffalo, N.Y.	G.B.
Automatic Electric Transmission Co.	Liege	US
SA Auto-Mixte Herstal	Lyons	France
G. Averley		France



An early electric carriage, make unknown. Photo courtesy the Long Island Automotive Museum.



A 1900 Riker electric surrey. Photo courtesy the Long Island Automotive Museum.

MAKE	YEARS MFG.	PASSENGER	TRUCK	ALL-ELECTRIC	GAS-ELECTRIC
Babcock	1906-12	x		x	
Bachelles Electric	1901	x		x	
Bailey	1907-15	x		x	
Baker	1899-1916	x	x	x	
Baker & Elberg Electric	1894	x		x	
Banker Juvenile Electric	1905	x		x	
Barrett & Perret Electric	1895	x		x	
Barrows Electric	1897	x		x	
Batronic	1964-1914-17	x	x	x	x
Beardsley	1907-13	x		x	x
B.E.F.	1916	x		x	x
Belmont	1907-22	x	x	x	x
Bergmann	1907-22	x	x	x	x
Bersey	1895-99	x		x	
Berwick	1904	x		x	
Berwick Electric	1926	x		x	
B.G.S.	1899-1906	x	x	x	
Blakeslee Electric	1906	x		x	
Bleichert	1936-39	x	x	x	
B.M.A. Hazelcar	1952-7	x		x	
Bogard	1895	x		x	
Borbein Electric	1905	x		x	
Borland	1903-13	x		x	
Bouhey	1898-1902	x		x	
Boston Electric	1913	x		x	
Brecht	1901-03	x		x	
Britannia	1896-99	x		x	
Broc	1906-16	x	x	x	
Buffalo	1900-15	x	x	x	
Bushbury Electric Cart	1897	x		x	
Byrider	1908-09	x		x	
California	1901	x		x	
Canadian Motors	1900	x	x	x	
Cantono	1900-07	x	x	x	
	1904-07	x	x	x	

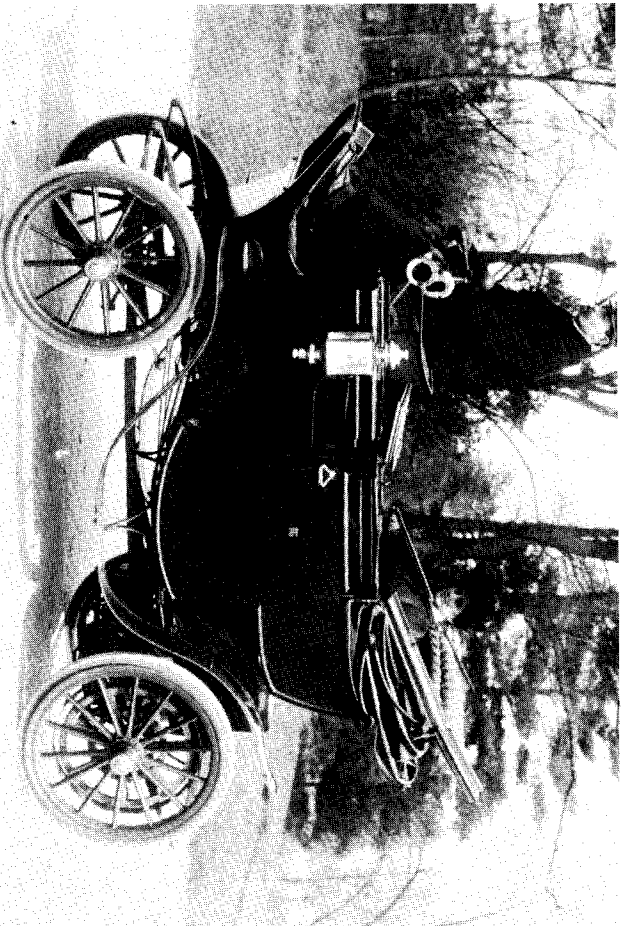
MANUFACTURER	LOCATION	COUNTRY
Babcock Electric Carriage Co.	Buffalo, N.Y.	US
S.R. Bailey and Co.	Chicago, Ill.	US
Baker Motor Vehicle Co.	Amesbury, Mass.	US
Baker, Rauch and Lang Co.	Cleveland, Ohio	US
Dr. H.C. Baker - J.R. Elberg	Kansas City, Mo.	US
Banker Brothers Co.	Pittsburgh, Pa.	US
C.H. Barrows Electric Vehicle Co.	Williamantic, Conn.	US
Batronic Truck Co.	Boyetown, Pa.	US
Beardsley Electric Co.	Los Angeles, Calif.	US
Berliner Elektromobilfabrik GmbH	Berlin	Germany
Belmont Electric Auto Co.	Wyandotte, Mich.	US
Bergmann-Metallurgique	Berlin-Reinickendorf-	Germany
Bergmann Elektrizitätswerke, AG	Rosenthal-Berlin-	US
W.C. Bersey	Halensee	Germany
Berwick Auto Car Co.	London	G.B.
Sté de la Voiture Bouquet Garcin et Schrivre	Grand Rapids, Mich.	US
Blakeslee Elec. Car Co.	Neully, Seine	France
Bleichert Transportanlagen GmbH	Cleveland, Ohio	US
Battery Manufacturing Assoc. '52	Leipzig	Germany
B.M.A. and Electric Equipment Co. '53		
Gate and Pearson Ltd. '53		
Electric Motors '53-'57		
The H.F. Borbein Co.	Hove, Sussex	G.B.
Borland-Grannis Co.	St. Louis, Mo.	G.B.
Sté des Usines Bouhey	Chicago, Ill.	US
	Paris	France
Brecht Automobile Co.	St. Louis, Mo.	US
Britannia Electric Carriage Syndicate, Ltd.	Colchester	US
Broc Carriage and Wagon Co.	Saginaw, Mich.	G.B.
Buffalo Electric Carriage Co.	Cleveland, Ohio	US
Buffalo Electric Vehicle Co.	Buffalo, N.Y.	US
Thomas H. Parker; Wearwell Motor Co.	Buffalo, N.Y.	US
The Byrider Electric Auto Co.	Wolverhampton, Staffs	G.B.
California Automobile Co.	Cleveland, Ohio	US
Canadian Motors Ltd.	San Francisco, Calif.	US
E. Cantono, Rome, Italy	Toronto, Ont.	Canada
Cantono Electric Tractor Co.	Rome	Italy
	Canton, Ohio	US

MAKE	YEARS MFG.	PASSENGER	TRUCK	ALL-ELECTRIC	GAS-ELECTRIC
Cardinet	1900-06	x		x	
Carpenter Electric	1895	x		x	
Century Electric	1901				
Century	1911-15	x		x	
C.G.E.	1941-46	x		x	
Champion Electric	1899		x	x	
Champrobert	1902-05	x		x	x
Chapeaux	1940-41	x		x	
Chapman	1899-	x		x	
	1901				
Chelsea	1922	x		x	
Chicago	1915-16	x		x	
Church-Field	1912-13	x	x	x	
C.I.E.M.	1904-06	x			x
City and Suburban	1901-05	x		x	

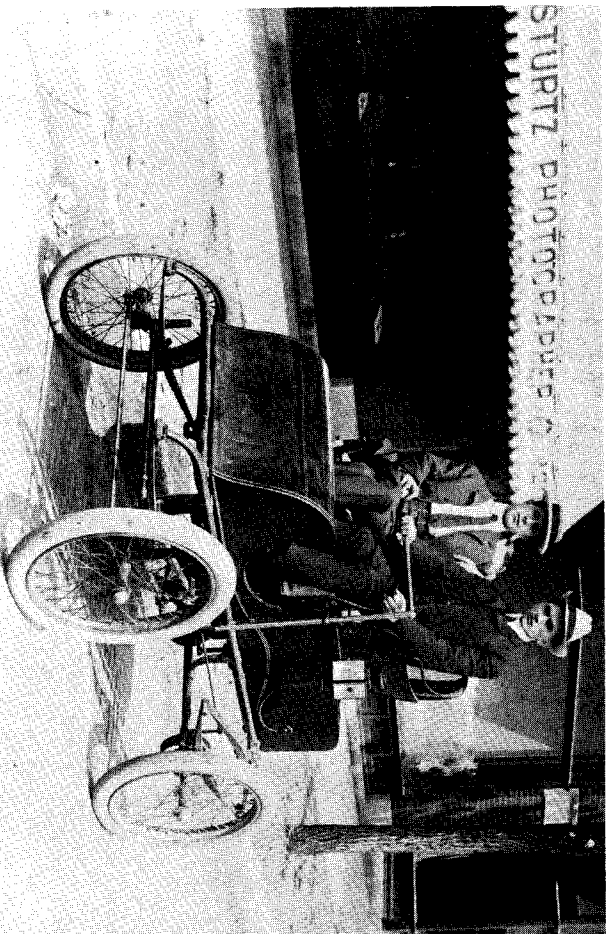
**MANUFACTURER**  
 Campagnie Francaise de Voitures Electromobiles  
 H.H. Carpenter  
 Century Motor Co. 1911-13  
 Century Electric Car Co. 1913-15  
 Compagnie Générale Electrique  
 McCrea Motor Truck Co.  
 De Champrobert and Cie Levallers  
 Voitures E. Chapeaux  
 Belknap Motor Co.  
 Wandsworth Eng. Works  
 Chicago Electric Motor Co.  
 Church-Field Motor Co.  
 Compagnie d'Industrie Electrique et Mecanique  
 City & Suburban Electric Carriage Co. Ltd.

**LOCATION**  
 Paris  
 Denver, Colo.  
 Detroit, Mich.  
 Detroit, Mich.  
 Paris  
 Cleveland, Ohio  
 Perret, Seine  
 Lyons  
 Portland, Me.  
 Wandsworth, London  
 Chicago, Ill.  
 Sibley, Mich.  
 Geneva  
 London

**COUNTRY**  
 France  
 US  
 US  
 US  
 France  
 US  
 France  
 France  
 US  
 G.B.  
 US  
 US  
 Swz.  
 G.B.



A circa 1900 Riker electric landau. Photo courtesy the Long Island Automotive Museum.

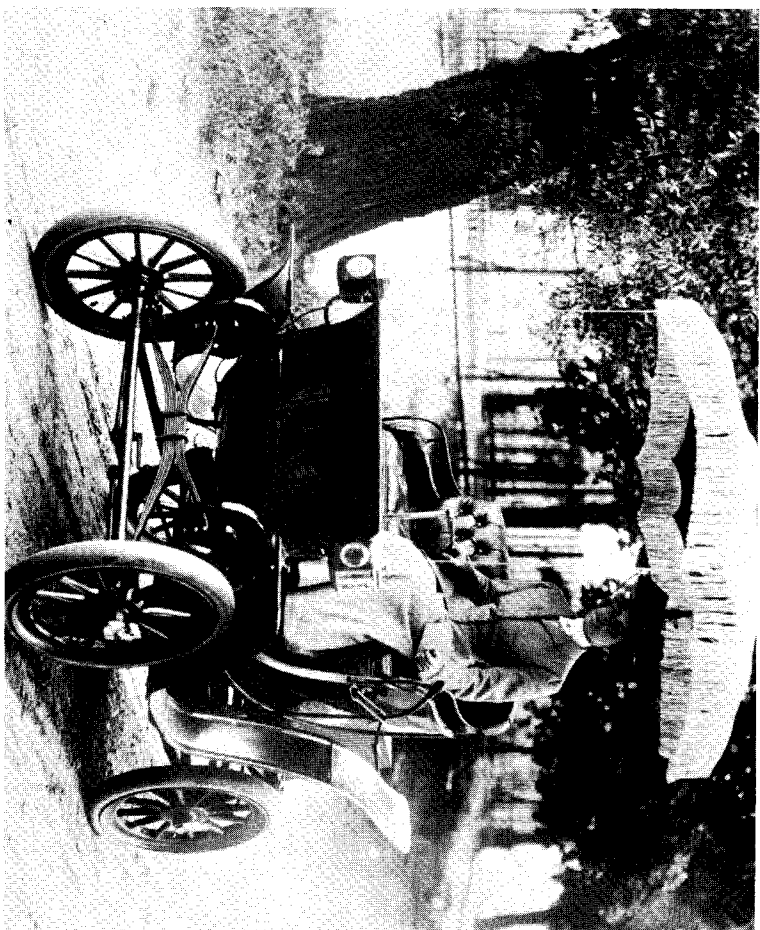


Sturtz Photography must have thought this 1903 Studebaker electric significant enough to photograph in front of their shop. Photo courtesy the Long Island Automotive Museum.

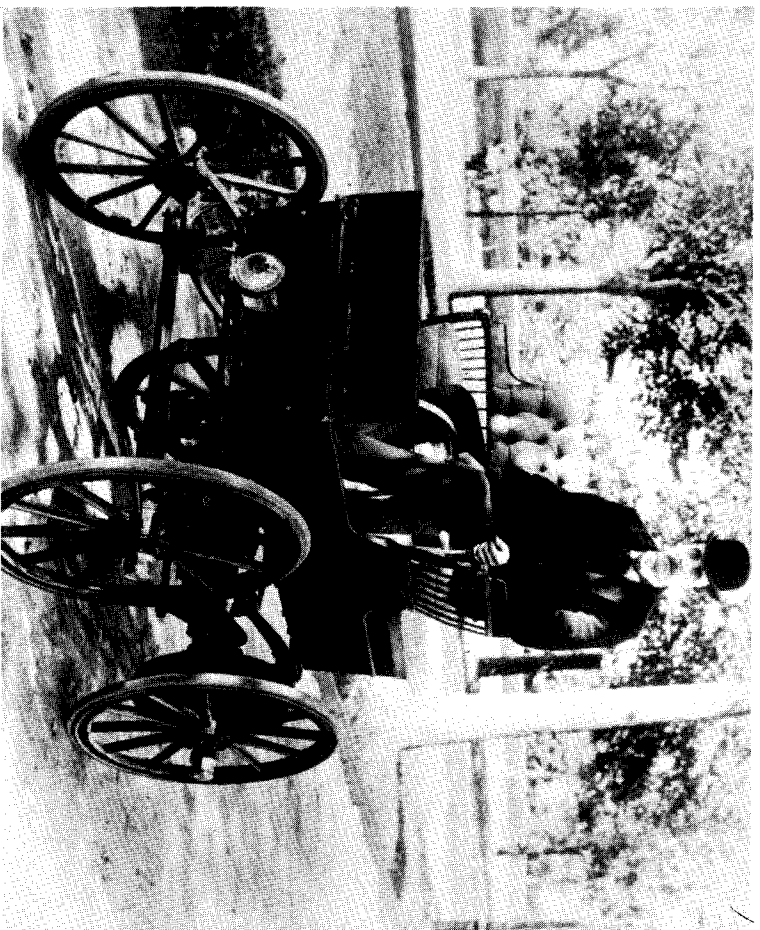
MAKE	YEARS MFG.	TYPE				MANUFACTURER	LOCATION	COUNTRY
		PASSENGER	TRUCK	ALL-ELECTRIC	GAS-ELECTRIC			
Clark Electric	1906-1912	x		x		Brunno Carriage Mfg. Co.	Buffalo, N. Y.	US
Cleco	1940	x	x	x		Cleco Electric Industries Ltd.	Leicester	G.B.
Cleveland	1899-1901	x		x		Cleveland Machine Screw Co.	Cleveland, Ohio	US
Cleveland Electric	1955-60		x	x		Cleveland Electric Vehicle Co.	Cleveland, Ohio	US
Cliff	1899-1902	x		x		E.H. Cliff and Co.	London	G.B.
C.M.V.	1944-46	x		x		Construcciones Morviles De Valencia	Valencia	Spain
Collins Electric	1901	x		x		Collins Electric Vehicle Co.	Seranton, Pa.	US
Colonial	1912-13	x		x		Colonial Electric Car Co.	Detroit, Mich.	US
	1917-21							
	1895							
Columbia Electric	1897-1913	x		x	x	Columbia Perambulator Co.	Chicago, Ill.	US
Columbia		x		x		Pope Mfg. Co. 1897-99	Hartford, Conn.	US
						Columbia Automobile Co. 1899	Hartford, Conn.	US
						Columbia & Electric Vehicle Co. 1900	Hartford, Conn.	US
						Electric Vehicle Co. 1901-09	Hartford, Conn.	US
						Columbia Motor Car Co. 1909-13	Hartford, Conn.	US
						Columbia Electric Vehicle Co.	Detroit, Mich.	US
						Columbus Buggy Co.	Columbus, Ohio	US
Columbus	1914-1916	x		x	x	Commercial Truck Co. of America	Phila., Pa.	US
Columbus	1903-13	x		x		Commercial Truck Co. of America	Dayton, Ohio	US
Comet Electric	1921					Comet Electric Tricycle Co.	Grand Rapids, Mich.	US
Commercial	1912		x	x		Couple-Gear Freight Wheel Co.	Chicago, Ill.	US
Conklin Electric	1895			x		Crowdus Automobile Co.	Wilkes-Barre, Pa.	US
Couple-Gear	1920		x	x		Owens Magnetic Motor Car Corp.	Duresnes	France
Crowdus	1901-03	x		x		Société A. Darraeq	Dayton, Ohio	US
Crown Magnetic	1921-22	x		x		Dayton Electric Car Co.	Puteaux	France
Darraeq	1896	x		x	x	De Dion Bouton & Cie	Cleveland, Ohio	US
Dayton	1911-15	x		x		O de Ruyter, Demissine	Brussels	Belgium
De Dion-Bouton Electric	1906-08	x		x		Anderson Electric Car Co.	Detroit, Mich.	US
DeMars	1905-06	x		x		Detroit Electric Car Co.		
Demissine	1901-03	x		x		Zschopauer Motorenwerke		
Detroit Electric	1907-38	x		x		J.S. Rasmussen AG Filiale	Berlin	Germany
D.E.W.	1927	x	x	x		Dey Electric Corp.	York, Pa.	US
Dey	1917	x		x		Dey-Griswold and Co.	New York, N.Y.	US
Dey-Griswold	1895-98	x		x		Alfred Dinen and Co.	Puteaux, Seine	France
Dinen	1904	x		x		Sta Industriale Haliana Dora	Genoa	Italy
Dora	1905-06	x	x	x		Sté G. Dore Levallois	Perret, Seine	France
Dore	1900	x		x		H. J. Dowsing		US
Dore	1898	x		x	x	Automobiles Durey-Sohy	Paris	US
Dowsing	1898	x		x		E.H. Geist Elektrizitäts AG	Cologne	France
Dudley Electric	1915	x		x		Eagle Electric Automobile Co.	Detroit, Mi.	US
Durey-Sohy	1899-1903	x		x		Silent Transport Ltd.	Working, Surrey	G.B.
Dynamobil	1906	x	x	x		Eastman Automobile Co.	Cleveland, Ohio	US
Eagle Electric	1915-17							
Eaglelet	1948	x		x				
Eastman	1899-1902	x		x				

MAKE	YEARS MFG.	PASSENGER	TRUCK	ALL-ELECTRIC	GAS-ELECTRIC
Eaton	1898	x		x	
Eclair	1907-08	x		x	
Eddy Electric	1902				
Electra	1899-1900	x		x	
Electra King	1913-15	x		x	
Electrette	1961-	x		x	
Electricar	1906-08		x	x	
Electricar	1920-24			x	
Electric Shopper	1964-			x	
Electric Vehicle	1897-1910	x		x	

MANUFACTURER	LOCATION	COUNTRY
Eaton Electric Motor Carriage Co.	Boston, Mass.	US
SA des Constructions d'Automobiles l'Eclair	Paris	France
Eddy Electric Mfg. Co.	Windsor, Conn.	US
H. Krugen	Berlin	Germany
Storage Battery Power Co.	Chicago, Ill.	US
B & Z Electric Car Co.	Long Beach, Calif.	US
Lansden Co.	Newark, N.J.	US
Electricars, Ltd.		G.B.
(Crompton, Parkinson, Ltd.)		France
Couailliet St. Ouen	Seine	France
Electric Shopper	Long Beach, Calif.	US
Electric Vehicle Co.	Hartford, Conn.	US



Mrs. Thomas Hartley was quite proud of her new Mark XII Columbia electric victoria when photographed in 1900. The car had a top speed of 15 mph and a range of 40 miles. Photo courtesy the Long Island Automotive Museum.



A 1900 Waverley electric, photographed when new with owner H. G. Stevens, Riverside Drive, New York City. Photo courtesy the Long Island Automotive Museum.

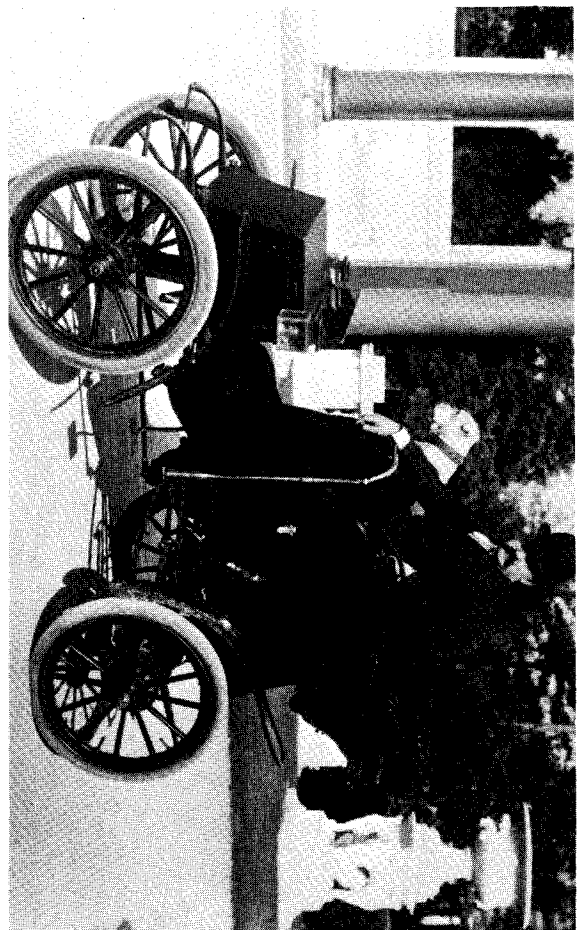


MAKE	YEARS MFG.				
		PASSENGER	TRUCK	ALL-ELECTRIC	GAS-ELECTRIC
Phipps-Grimmell	1910-13	x		x	
Hagen	1903-08	x	x	x	
Hallford	1910				x
Hart	1900-01	x		x	
Hart-Durtnall					x
Hautier	1899-1905	x		x	
Hawa	1923-25	x		x	
Headland	1898-1900	x		x	
Healy Electric	1911				
Holtzer-Cabot	1895		x	x	
Helvétia	1899-1900	x		x	
Henry Kilowatt	1960	x		x	
Henschel	1899-1906	x		x	
Hewitt-Lindstrom	1900-01	x	x	x	
Hub	1899-1900	x		x	
Hupp-Yeats	1911-16	x		x	

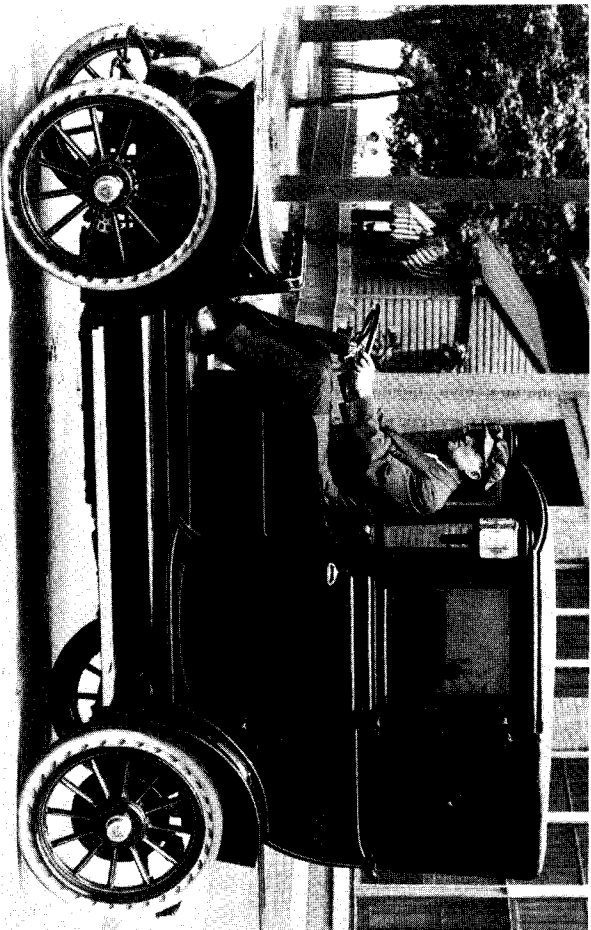
MANUFACTURER  
Phipps-Grimmell Auto Co.  
Kölnner Accumulatorenwerke Gollfried Hagen  
E.W. Hart & Co.  
Ste'Hautier  
Hannoversche Waggonfabriks AG  
Headlands Patent Electric Storage  
Battery Co. Ltd.  
Holtzer Cabot Electric Co.  
Compagnie des Voitures Electriques  
Helvétia  
Henry Motor Car Co.  
Berliner Maschinenfabrik Henschel & Co.  
Hewitt-Lindstrom Electric Co.  
Hub Motor Co.  
R.C.H. Corp. 1911-12  
Hupp-Yeats Electric Car Co. 1912-16

LOCATION  
Detroit, Mich.  
Cologne-Kalk  
Luton, Beds  
Paris  
Hanover  
London  
Boston, Mass.  
Combs-la-ville  
Freeport, Ill.  
Berlin  
Chicago, Ill.  
Chicago, Ill.  
Detroit, Mich.  
Detroit, Mich.

COUNTRY  
US  
Germany  
G.B.  
G.B.  
France  
Germany  
G.B.  
US  
US  
US  
US  
US  
US  
US



Mr. George J. Gould of the prominent New York Gould family was photographed in his 1904-1906 vintage Columbia electric Victoria phaeton with an unidentified friend. Photo courtesy the Long Island Automotive Museum.



A 1911 Rauch & Lang electric landaulet. Photo courtesy the Long Island Automotive Museum.



MAKE	YEARS MFG.	PASSENGER	TRUCK	ALL-ELECTRIC	GAS-ELECTRIC	MANUFACTURER	LOCATION	COUNTRY
Ideal	1909-14	x		x		MANUFACTURER Ideal Electric Co.	Chicago, Ill.	US
Illinois Electric	1897-1901					Illinois Electric Vehicle Co.	Chicago & Cicero, Ill.	US
Illinois	1909-14	x		x		The Owenholt Co.	Galesburg, Ill.	US
Imnisch	1894-97	x		x		Acme & Imnisch Electric Works Ltd.	London	G.B.
Imperial	1904-05	x		x		The Anti-Vibrator Co. Ltd.	Croyden, Surrey	G.B.
Imperial	1905-07		x	x		Commercial Truck Co. of America	Phila., Pa.	US
Induhag	1922	x		x		Industrie-und Handels - Gesellschaft GmbH	Dusseldorf	Germany
International	1898		x	x		Société Des Transports Automobiles	Paris	France
International	1942	x		x		Internationale Automobil Mfj	The Hague	Netherlands
Interurban	1905	x		x		F.A. Woods Auto Co.	Chicago, Ill.	US
Ivanhoe	1903	x		x		Canada Cycle and Motor Company	Toronto, Ont.	Canada
Jeantau	1881	x		x		C. Jeantau	Paris	France
Jenatzy	1893-1906					Camille Jenatzy	Brussels	Belgium
Joel	1898-1903	x	x	x		National Motor Carriage Syndicate Ltd.	London	G.B.
Kaha	1899-1902	x		x		Electromobilwerk Kaha GmbH	Wasseralfingen	Germany
Kaiser	1921-22	x		x		Justus Christian Braun	Nuremberg	Germany
Kaiser	1911-13	x	x	x		Premier Werke AG	Buffalo, N.Y.	US
Kensington	1899-1904	x		x		Kensington Mfg.	Chicago, Ill.	US
Kentucky Electric	1911	x		x		Kentucky Wagon Co.	Bronxville, N.Y.	US
Kimball	1910-12	x		x		C.P. Kimball & Co.	Paris	US
Ward Leonard	1901-03	x		x		Ward Leonard Electrical Co.	Paris	US
Krieger	1897-1909	x	x	x	x	Compagnie Parisienne des Voitures Electriques (System Krieger) 1897-1907 Compagnie Parisienne des Voitures Electriques 1907-09	Colombes Berlin, Charlottenburg London Newark, N.J. Lancaster Paris	France Germany G.B. US G.B. France Belgium
Kuhlstein	1898-1902	x		x		Kuhlstein Wagenbau	Ghent	Belgium
Lacre	1904-05	x		x		Lacre Motor Car Co.	London	G.B.
Lansden	1906-08	x		x		Lansden Co.	Lancaster	G.B.
Lecar	1940	x	x	x		Lancaster Electrical Co.	Paris	France
LeDauphine	1941-42	x		x		Andre L. Dauphine	London	G.B.
Lefert	1902	x		x		J. Lefert	Hartford, Conn.	US
Lems	1903	x		x		London Electromobile Syndicate	St. Louis, Mo.	US
Lenox	1908-09	x		x		Maxim & Goodridge	Bremen	Germany
Lewis	1898	x		x		J.D. Perry Lewis	Vienna	Austria
Lloyd	1906-14	x		x		Norddeutsche Automobil-und Motoren AG		
Lloyd	1950-63	x		x		Lloyd Motoren-Werke GmbH 1950-63		
Lohner: Lohner-Porsche	1896-1906	x	x	x	x	Jacob Lohner & Co.		
Loubieres	1951-53	x		x		Compagnie Normande de Etudes		France
Lunant	1900-14	x		x	x	Sté des Constructions de cycles et Automobiles Lunant	Lyons	France

MAKE	YEARS MFG.	PASSENGER	TRUCK	ALL-ELECTRIC	GAS-ELECTRIC	MANUFACTURER	LOCATION	COUNTRY
Lux	1897-1902	x	x	x		MANUFACTURER Lux-Werke Ludwigschafen 1897-98 Lux'sche Industriewerke AG Ludwigschafen 1898-1902	Ludwigschafen Edinburgh	Germany G.B.
Madelvic	1898-1900 1898-1902	x	x	x		Madelvic Motor Carriage Co. Ltd. Granton Motorfahrzeug- und Motorenfabrik Berlin AG Marienfeld	Berlin	Germany
Mark Electric	1897	x		x		Marketour Electric Cars	Hartford, Conn.	US
Marketour	1964	x		x		Electric Fuel Propulsion Corp.	Long Beach, Calif.	US
Mars	1965	x		x		Maxim-Goodridge Co.	Ferndale, Mich.	US
Maxim Goodridge	1908	x		x		Elektrizitäts- und Automobil-Gesellschaft Harff & Schwars AG	Hartford, Conn.	US
Maxwerke	1899-1903	x	x	x	x	McCrea Motor Truck Co. Menominee Electric Mfg. Co. Daimler Motoren Gesellschaft Pritchett & Gold Ltd. Fedham Metropolitan-Vickers Electrical Co. Ltd. Midlands Vehicles, Ltd. Milburn Wagon Co. Milde & Co. Milde & Co.	Cologne Cleveland, Ohio Menominee, Mich. Marienfelde Middlesex Manchester Leamington Spa Toledo, Ohio Levallois-Perret, Seine Levallois-Perret, Seine Long Beach, Calif.	Germany US US Germany G.B. G.B. G.B. US France France US France
McCrea Electric Wagon	1905-07		x	x		Mobillette Electric Cars	Phila., Pa.	US
Menominee	1915	x	x	x		H. Monnard	Des Moines, Iowa	US
Mercedes Electricque	1906-07	x	x	x		Morris & Salom	London	US
Meteor	1903-05	x		x		William Morrison	London	G.B.
Metrovick	1930-1940		x	x		A.E. Morrison & Sons, Ltd.	LaPorte, Ind.	US
Midland	1930-1940		x	x		Munson Electric Motor Co.	Maidenhead	G.B.
Milburn	1914-1922	x	x	x		Murphy Cars & Trucks Ltd.	Indianapolis, Ind.	US
Milde	1898-1909	x	x	x	x	National Automobile & Elec. Vehicle Co. Douglas Neale	Edinburgh	G.B.
Milde' Krieger	1940-42	x	x	x		Neelco	Boston, Mass.	G.B.
Mobillette	1965-	x		x		New England Electric Vehicle Co.	New York, N.Y.	US
Monnard	1902?	x		x		N.Y. Electric Vehicle Co.	Toledo, Ohio	US
Morris & Salom Electrobat	1895-7	x		x		Ohio Electric Car Co.	Paris	France
Morrison	1890-96	x		x		Cie Francaise de Cycles et Automobiles Carl Opperman 1898-1902 Carl Opperman Electric Carriage Co., Ltd. 1902-07		
Morrison	1940	x	x	x		Ransomes, Sims & Jeffries, Ltd.	London	G.B.
Munson	1899-1902	x	x	x	x	Baker Rauch and Lang Co. 1914-19	Ipswich	G.B.
Murphy	1940-42	x		x		Owens Magnetic Motor Car Corp. 1919-22	Cleveland, Ohio	US
National	1900-05	x		x		Parsons Electric Motor Carriage Co. Cie Electricque O. Patin W.H. Patton	Wilkes-Barre, Pa. Cleveland, Ohio Paris Chicago, Ill.	US US France US
Neale	1897	x		x				
Nelco	1930-46	x	x	x				
New England	1899-1901	x	x	x				
New York Electric	1900	x		x				
Ohio	1910-18	x		x				
Omnobil	1922	x		x				
Opperman	1898-1907	x		x				
Orwell			x	x	x			
Owen Magnetic	1914-22	x		x				
Parsons				x				
Patin Dog Cart	1905-06 1899-1900	x		x				
Patton	1890	x		x	x			

MAKE	YEARS MFG.					MANUFACTURER	LOCATION	COUNTRY
		PASSENGER	TRUCK	ALL-ELECTRIC	GAS-ELECTRIC			
Peck	1913	X		X				
Perl	1907-27		X	X				Canada
Pfluger	1900	X		X				Austria
Pieper	1900-10	X	X		X			Germany
Pioneer	1959	X		X				Belgium
Pittsburgh Electric	1905-11	X		X				US
Pope-Waverley	1903-07	X	X	X				US
Pritchette & Gold	1903-04	X	X	X				US
Rae	1898	X		X				G.B.
Rae	1902-1909			X				US
Rauch & Lang	1905-1928	X	X	X				US
Raulang								US
Red Bug	1923-28	X		X				US
Regina	1903-08	X		X				US
Riker Electric Stanhope	1896-1901	X		X				France
Rinker Electric	1898	X		X				US
Royal	1905	X		X				US
Samsom Electric Truck	1907-10		X	X				US
S.A.T.A.M.	1941	X		X				France
S.B.	1920-24	X		X				US
Scheele	1899-1910	X	X	X				Germany
Schuckert	1899-1900	X	X	X				Germany
Scott	1899-1901	X		X				Germany
Siemens-Schuckert	1906-1910	X		X	X			US
Silvertown	1905-10	X		X				Germany
Solignac	1900-03	X		X				G.B.
Sperry	1901	X		X				France
Standard Electricque	1903	X		X				US
Standard Electric	1912-15	X		X				US
Stearns Electric	1900-04	X		X				US
Stela	1941-44	X	X	X				US
Stigler	1921	X	X	X				France
Still	1899-1903	X	X	X				Italy
								Canada

MAKE	YEARS MFG.	PASSENGER	TRUCK	ALL-ELECTRIC	GAS-ELECTRIC	MANUFACTURER	LOCATION	COUNTRY
Storms	1915	x		x		William E. Storms	Detroit, Mich.	US
Story	1941-44	x		x		Strong & Rogers	The Hague	Netherlands
Strong & Rogers	1900-01	x		x		Stuart Motors	Cleveland, Ohio	US
Stuart	1961	x		x		Studebaker Co.	Kalamazoo, Mich.	US
Studebaker Electric	1902-04	x	x	x		Sturges Electric Motor Cycle Co.	S. Bend, Ind.	US
Sturges	1898		x	x		Sunbeam Motor Car Co., Ltd.	Chicago, Ill.	US
Sunbeam	1935-40		x	x		Syracuse Automobile Co.	Wolver Hampton	G.B.
Syracuse Electric	1899-		x	x			Syracuse, N.Y.	US
(Van Waggoner)	1903							
Tama	1947-51	x		x		Tokyo Electric Motor Car Co. 1947-9	Tachekawa	Jap.
Tate	1912-13	x		x		Tama Electric Motor Car Co. 1949-51	Windsor, Ont.	Canada
Thresher Electric	1900		x			Tate Electrics Ltd.	Dayton, Ohio	US
Thrige	1909-18		x			Thomas B. Thrige AS	Odense	Denmark
Thompson - Houston	1910		x		x	British Thompson-Houston Co.		G.B.
Tilling-Stevens	1940		x			Tilling-Stevens, Ltd.	Maidstone	G.B.
Tribelhorn	1902-20	x		x		A. Tribelhorn 1902-18	Feldbach	Swz.
Triumph	1900-01	x		x		Electricse Fahrzeug AG 1918-20	Altsotten	US
U.S. Electric	1899-1901	x		x		Triumph Motor Vehicle Co.	Chicago, Ill.	US
Urban	1910-15		x			U.S. Automobile Co.	Atleboro, Mass.	US
V.A.T.E.	1908	x			x	Urban Electric Vehicle Co.		US
V.E.C.	1903-05	x		x		Voitures Automobiles de Transmission	Paris	France
Vedovelli-Priestly	1903?	x	x	x		Electric	Long Island City	US - N.Y.
Vedrine	1904-10	x		x		Vehicle Equipment Co.		France
Victor	1938-40	x		x		La Voitures Electrique Vedrine	Neully, Seine	France
Vulkan	1899-1905	x		x		Victor Electric, Ltd.	Berlin	Germany
Walker Electric	1905					Vulkan Automobilgesellschaft MbH	Chicago, Ill.	US
Walker	1923-31		x	x		Walker Auto Maintenance Mfg. Co.	Chicago, Ill.	US
Ward	1914-16	x		x		Walker Vehicle Co.	New York, N.Y.	US
Walter	1923-31		x	x		Ward Motor Vehicle Co.	Long Island City, N.Y.	US
Warner Electric	1895					Walter Motor Truck Co.		US
Waverley	1896-1903	x		x				
	1908-1914					Indiana Bicycle Co. 1896		
Williams	1907-08					Waverley Co. 1896-1901	Indianapolis, Ind.	US
Wilson	1935-36	x	x	x		International Motor Car Co. 1901-03	Cleveland, Ohio	US
Wood Electric Ambulance	1900		x	x		Waverley Co. 1908-14	Leicester	G.B.
Woods	1899-1919	x		x		Blakeslee Electric Car Co.	New York, N.Y.	US
Zeddeco	1905-06	x		x	x	Partridge, Wilson & Co., Ltd.	Chicago, Ill.	US
						F.R. Wood & Son		France
						Woods Motor Vehicle Co.		