

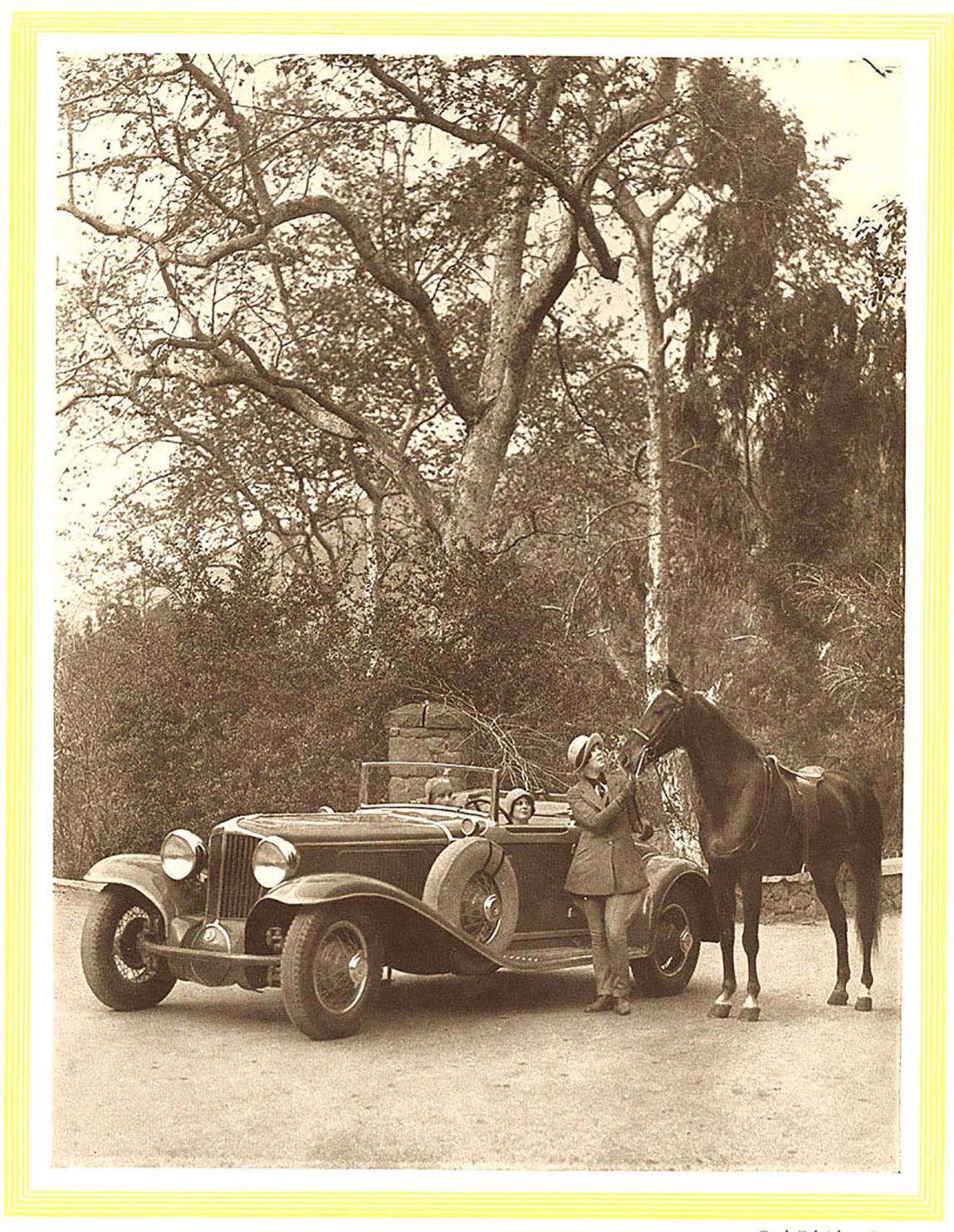
Auburn Automobile Company Auburn, Indiana, U.S.A.

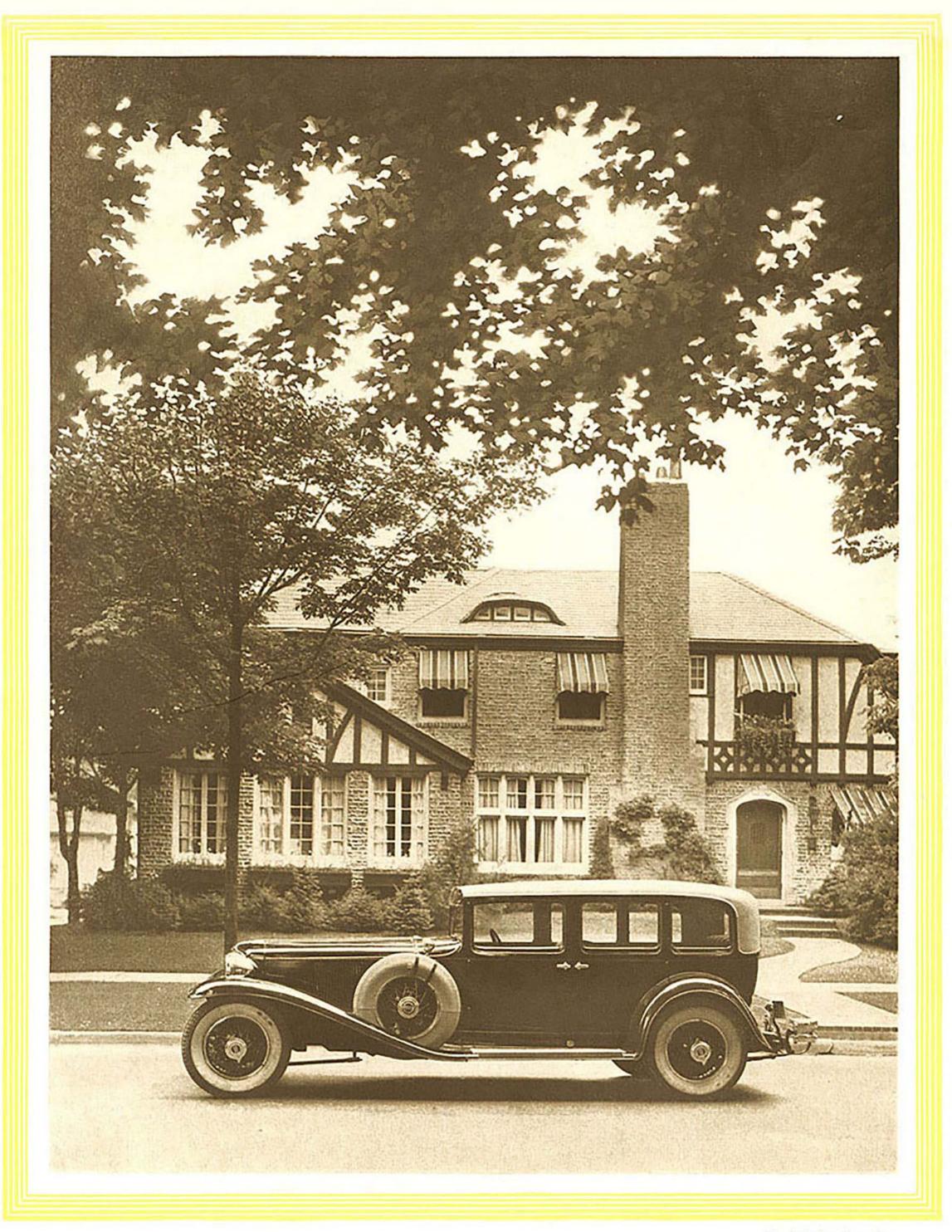
## Why We Introduce a Front Drive Automobile

By E. L. Cord

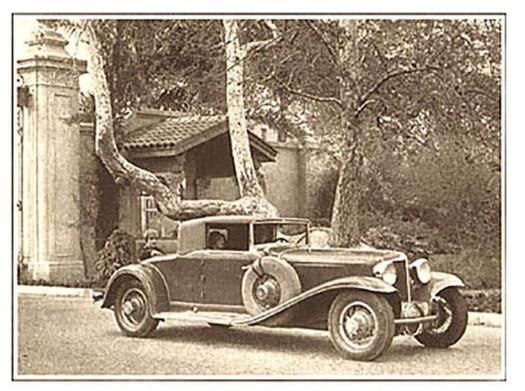
AUBURN'S policy for five years has been to strenuously seek new ways to improve, develop and originate better automobiles. In the course of this earnest search it was inevitable that we should investigate the possibilities of the established principle of front-wheel drive. We had as a precedent the progress of aviation where puller planes were adopted instead of the original pusher types. Our long experimental work has conclusively demonstrated that automobiles that are pulled, instead of pushed, have pronounced exclusive advantages. Therefore in order to continue to grow and maintain our own leadership we are introducing America's first production front-drive automobile. The Cord car is a specialty car, different from others. Its purpose is not to obsolete rear-drive cars. Being the very latest automotive development however, it creates an entirely new place never before occupied by any other car. We offer it as an addition to our other products, being priced between our complete line of Auburn and Duesenberg cars. No automobile built can have all the advantages nor appeal to all people, no more than one house can embrace every residential advantage and meet the needs of every family. We found in our thorough sales tests that the front-drive car has inherent features that attract more people even than we anticipated. Its favorable reception has been universal and decisive. Its exclusive advantages in safety, easy handling, comfort and durability have already won a host of

converts! In order that the attributes peculiar to the frontdrive may be fully enjoyed by those who desire them, we are determined to build the Cord car so substantially and of such unquestioned quality in every respect, that owners will have an extremely satisfactory and economical investment for many years. The basic difference of the Cord makes possible many drastic claims, but we prefer that the public learn of these exclusive advantages from the car itself. No technical explanation nor description could convey the difference in roadability, sense of safety and sure control of this new kind of automobile. These things are revealed and appreciated only through driving. Therefore this brochure is confined to reproductions of actual photographs of the four Cord models, a few of its structural features and its specifications. It seems fitting however to refer to the significance of the leadership of the Cord in this inevitable progress. Years have been devoted to its development. Being the leader, we were unhurried. Being first we have had many advantages no longer available to others. We could deliberate and exhaust all of the possibilities. Nothing has been spared; time, money nor effort to make this a strictly quality car in every respect. We have had a free hand to benefit from the best that the whole world offered. We have been privileged to pick and choose from all designs and patents. We have been able to procure the exclusive services not of one, but of as many of the most experienced and leading front-drive engineers as we wanted. We have had ample time to design, test and experiment. We have the rights, for as long as we care to use them, to the patents of the famous Harry Miller, internationally famed for his front-drive racing cars. We submit it as a simple statement of fact that this car requires no selling to those who can afford it.







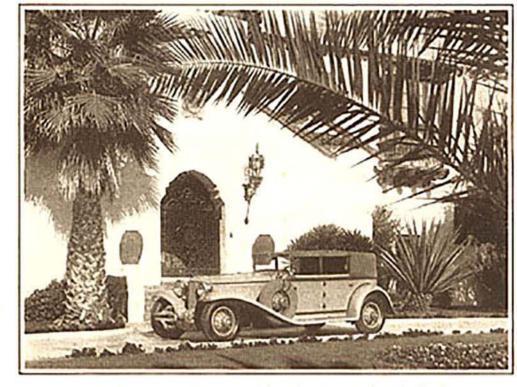


Comfortable rumble seat in Cabriolet

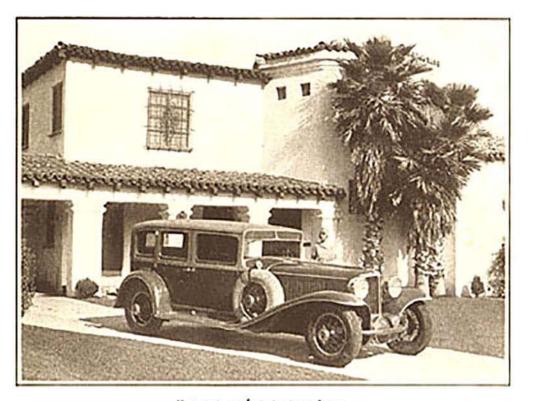




Distinctive and pleasing front end appearance



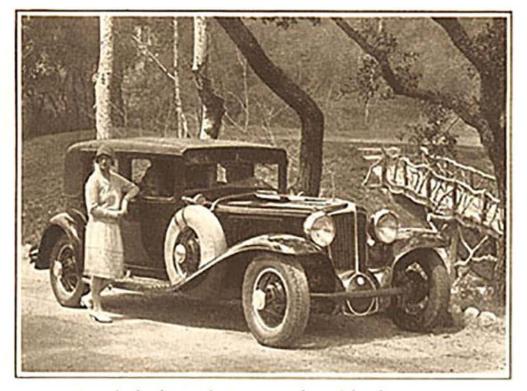
Custom type Convertible Phaeton Sedan body



Smart cadet type visor



Doors of unusual width for convenience



Low body design but no sacrifice of head room



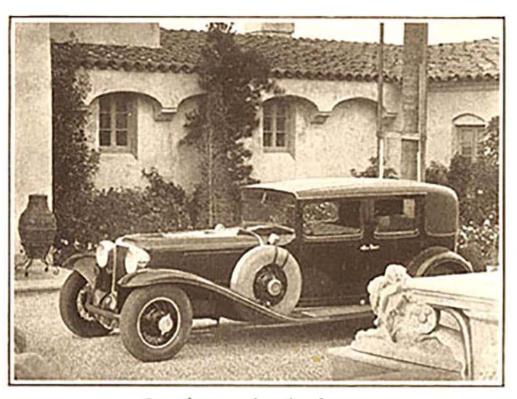
Fenders of long, sweeping lines



Headlights and cowl lights of special design



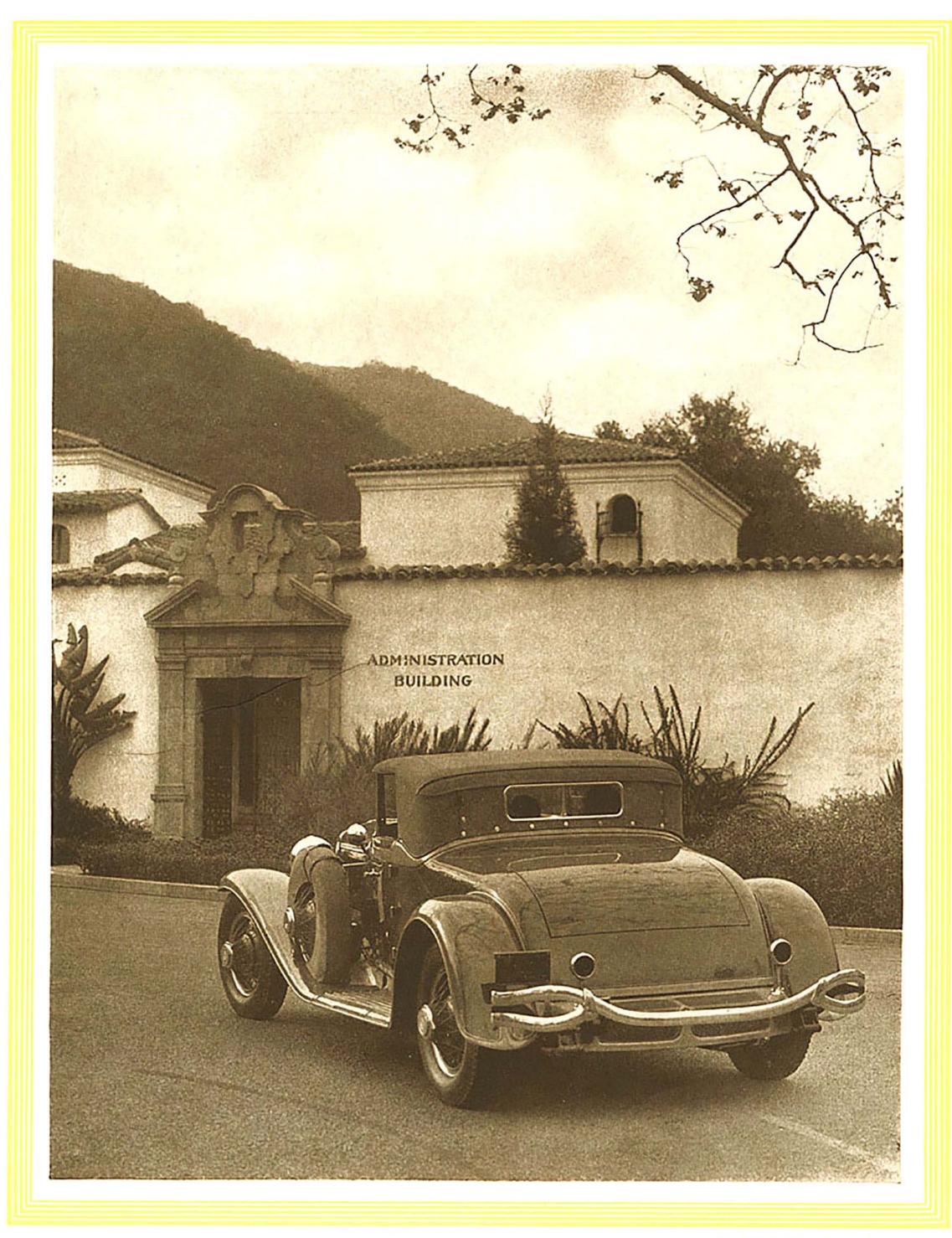
Long, low, racy lines

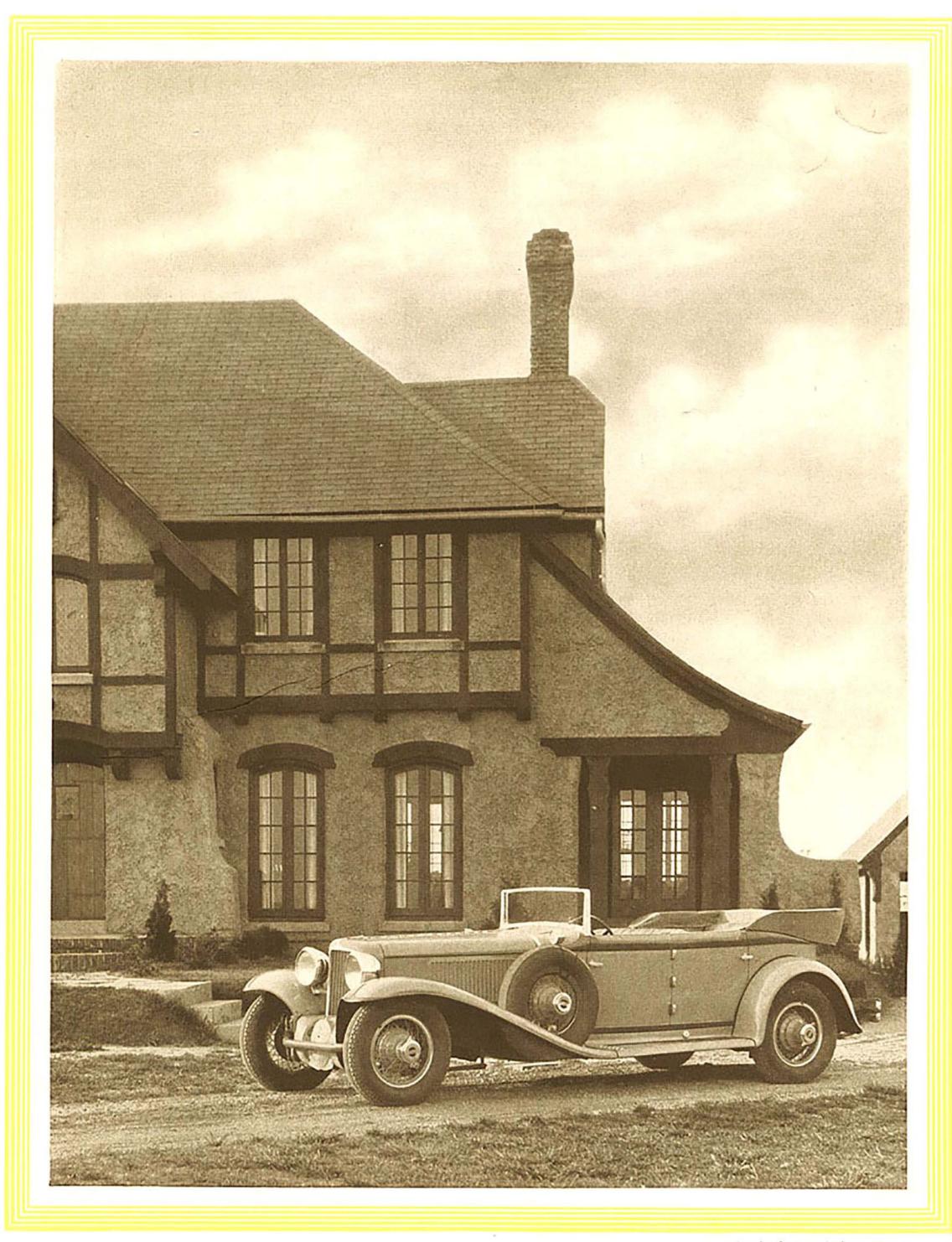


Complete comfort for five

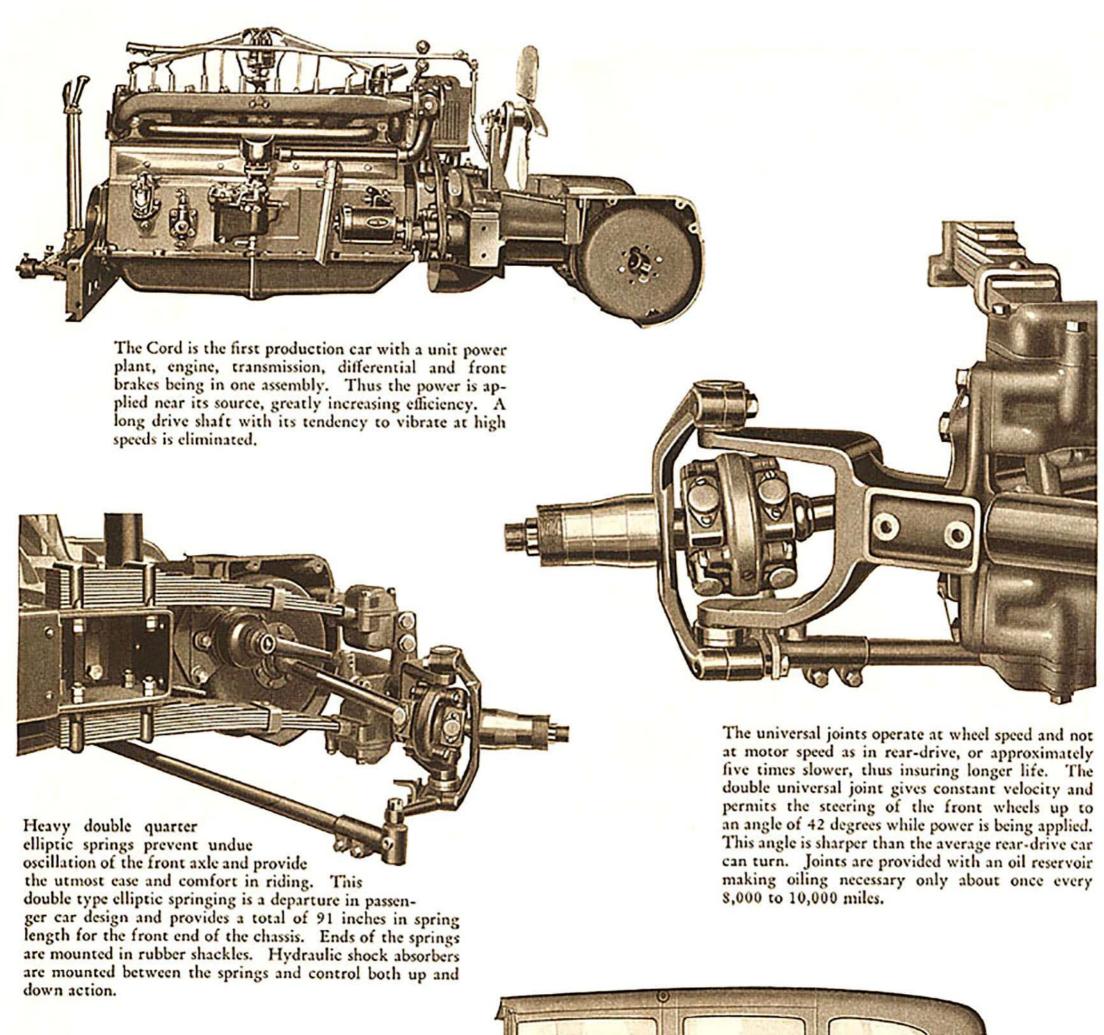


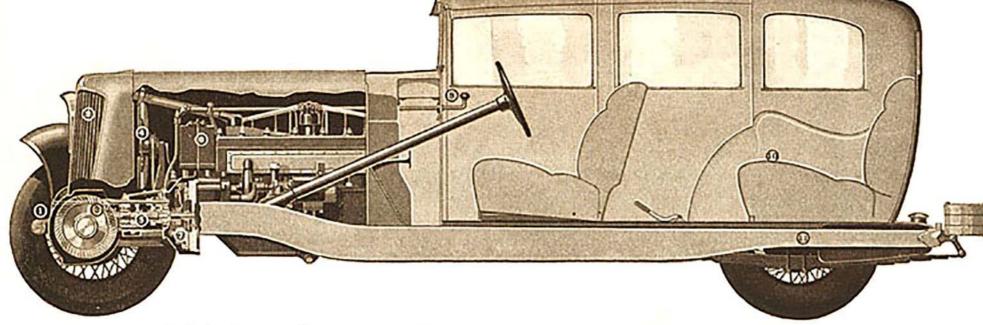
Narrow corner posts for clear vision







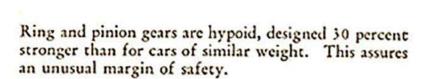


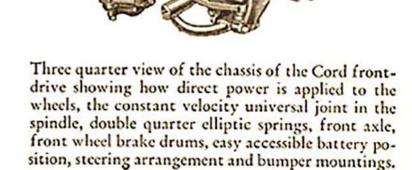


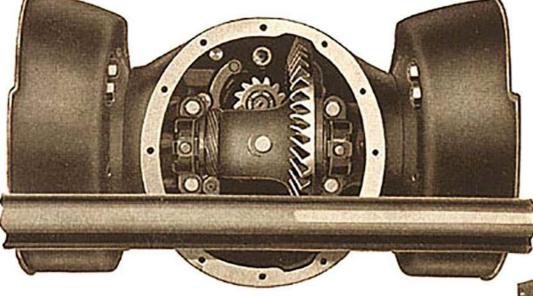
- 1 Tubular Front Axle.
- 2 Automatic Radiator Shutters.
- 3 Differential.
- 4 Four-Blade Fan.
- 5 Transmission.
- 6 Battery.
- 7 Single Plate Clutch.
- 8 Gear-shift lever.
- 9 Greater head-room.
- 10 Both seats on same level.
- 11 Straight frame-no kick-up.



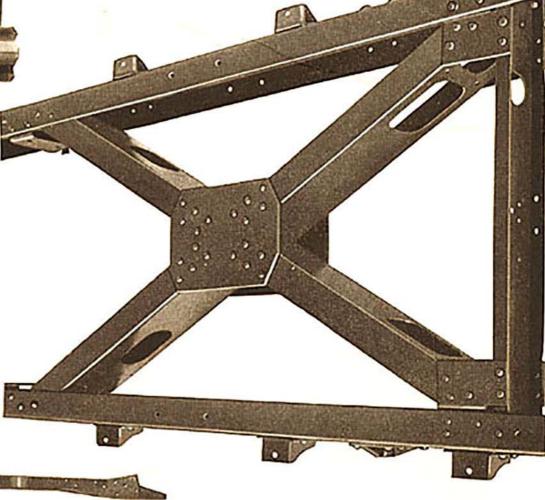
The metal instrument panel is in three divisions. The left group contains the speedometer, motor temperature indicator, oil pressure gauge, spark control, throttle, instrument lamp and left windshield wiper. In the center is a glove compartment and just below this is the ignition lock and the gear shift lever. The group on the right contains the starter, choke, manifold heat control, right windshield wiper, gasoline gauge, engine oil level gauge and ammeter. Background of the panel is in a rich crackle finish and instruments are of the approved aviation type, white figures on black background. Special attention has been given to arrangement of instruments for ease in operation.

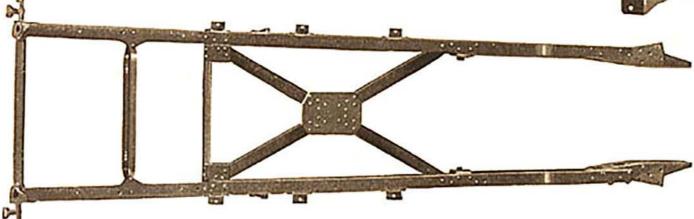






Bridge like construction of the chassis frame (right) giving the Cord front-drive the strongest frame under any passenger car built. The X-cross member is an innovation in chassis frame bracing and is possible through the absence of a drive shaft. Illustration below shows the straight side rails and rear cross-members. Side rail stock is 7/32 inches thick. No tramp, shimmey, nor wobble with a frame like this. Absence of frame "kick-up" at rear makes lower body possible and enables Cord designers to place rear seat on same level as front.





## SPECIFICATIONS

AXLE—Front	Connecting Rod Length 9" center to center	Gear Shift
Type	Connecting Rod Bearing Diam. 21/8"	Std. in Transmission, 1 3
Axle End Type Reverse Elliot	Piston Material	reversed in lever * *
Trans. Inclination of King PinNone	Piston TypeInvar Strut	***
Trans. Inclination of Spindle11/2 deg.	Piston Rings3 compression, 1 oil	P 2
Castor Angle2 deg.	Piston Rings LocationAll Above Pin	Transmission Ratios—
Toe-in Nothing	Valve Port. Diam.	
Inside Universal Joints Universal Products	1-5/16 Exhaust, 1-7/16 Intake	Low 3.11-1 Second 1.69-1
Outside Universal Joints	Valve Lift 11/32"	High Direct
Mechanics—special constant velocity	Exhaust Valve Material Silicrome	Reverse 3.78-1
Final DriveInverted Hypoid	FUEL SYSTEM	Note: All driving and front braking torque
Gear Ratio4.076-1, 4.416-1, 4.818-1		taken directly on the frame. Rear brak-
	Tank Capacity 20 gallons Fuel Feed Pump	ing torque taken by the springs.
AXLE—Rear	Carburetor Schebler 11/4" Dual	
TypeI Section	Carburetor	GENERAL FEATURES
.)	FRAME	Height of Sedan61"
BRAKES-Foot	Channel Depth7"	Height of Phaeton-Sedan 58"
	Flange Width 3"	Head Room—Rear of Sedan36" - 37"
TypeInternal Hydraulic	Thickness7/32"	Wheelbase1371/2"
Operate on4 wheels	Cross Members 3 Straight, 2 Diagonals	Tread58" front, 60" rear
Front Drum Diam12"		WheelsWire
Rear Drum Diam	IGNITION & ELECTRICAL	Horns, I on each side, tuned to give beat note
Division of Braking Effort	Make Delco Remy	Instrument Board—
60% front, 40% rear	Generator DriveChain	Water Temp. Gauge
pp. gra II I	Starter DriveBendix	Oil Pressure Gauge
BRAKES—Hand	Battery Make	Left Inst. Group   Speedometer
TypeInternal Mechanical	Battery Capacity 104 a. h. at 5 amp. dis.	Left Windshield Wiper
Operate on Rear Wheels	Battery Location Under Hood	Spark Control
This system operates the serv. brake shoes	Spark Control Semi-automatic	Left Con. Group Throttle
in rear drums.	Automatic Advance15 deg. engine	Inst. Light Switch Gear Shift Lever
	Manual Advance	
CLUTCH	Firing Order1-6-2-5-8-3-7-4	Center Group Ignition Switch Glove Compartment
Type Dry Disc	Ignition Switch Delco Remy	Rt. Windshield Wiper
Type		
Driven Discs	LUDDICATION	Starter
Driven DiscsI	LUBRICATION	Rt. Con. Group Starter Choke
Driven Discs1 Facings2	Chassis Bijur	Rt. Con. Group. Choke
Driven Discs1 Facings2	Chassis Bijur Points Reached—	Rt. Con. Group Choke Carb. Heat Control
Driven Discs 1 Facings 2	Chassis Bijur Points Reached—	Rt. Con. Group Choke Carb. Heat Control Gasoline Gauge
COOLING TypeCentrifugal Pump	Chassis Bijur Points Reached— Rear Springs 6 points Fan 2 points	Rt. Con. Group Choke Carb. Heat Control Gasoline Gauge Oil Level Gauge
COOLING  Type Centrifugal Pump Pump Drive Chain	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point	Rt. Con. Group Choke Carb. Heat Control Rt. Inst. Group Gasoline Gauge Oil Level Gauge Ammeter
COOLING Type Centrifugal Pump Pump Drive Chain Radiator Type Tube	Chassis Bijur Points Reached— Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point	Rt. Con. Group Choke Carb. Heat Control Gasoline Gauge Oil Level Gauge Ammeter All instruments are of the rotating dial type.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points	Rt. Con. Group Choke Carb. Heat Control Gasoline Gauge Oil Level Gauge Ammeter All instruments are of the rotating dial type. Two Cowl Ventilators.
COOLING Type Centrifugal Pump Pump Drive Chain Radiator Type Tube	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump	Rt. Con. Group Choke Carb. Heat Control  Rt. Inst. Group Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity 8 quarts	Rt. Con. Group Choke Carb. Heat Control Gasoline Gauge Oil Level Gauge Ammeter All instruments are of the rotating dial type. Two Cowl Ventilators.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity \$\text{quarts}\$ Pressure to—	Rt. Con. Group Choke Carb. Heat Control  Rt. Inst. Group Gasoline Gauge Oil Level Gauge Ammeter All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity Squarts Pressure to— Main Bearings	Rt. Con. Group Choke Carb. Heat Control  Rt. Inst. Group Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center. Gear Shift Lever—sliding rod type through instr. board.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity S quarts Pressure to—  Main Bearings Camshaft Front Bearing	Rt. Con. Group Choke Carb. Heat Control  Rt. Inst. Group Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center. Gear Shift Lever—sliding rod type through
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity 8 quarts Pressure to—  Main Bearings Camshaft Front Bearing Rod Bearings	Rt. Con. Group Choke Carb. Heat Control  Rt. Inst. Group Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center. Gear Shift Lever—sliding rod type through instr. board.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement L	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity S quarts Pressure to—  Main Bearings Camshaft Front Bearing	Rt. Con. Group Choke Carb. Heat Control  Rt. Inst. Group Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center. Gear Shift Lever—sliding rod type through instr. board. Hand crank in conventional position. CORD crest on starting crank hole cover, glove compartment lid, and gasoline
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity 8 quarts Pressure to—  Main Bearings Camshaft Front Bearing Rod Bearings	Rt. Con. Group  Choke Carb. Heat Control  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center. Gear Shift Lever—sliding rod type through instr. board. Hand crank in conventional position. CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement L Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in.	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity S quarts Pressure to—  Main Bearings Camshaft Front Bearing Rod Bearings Timing Case  SPRINGS—Front	Rt. Con. Group  Choke Carb. Heat Control  Rt. Inst. Group  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type.  Two Cowl Ventilators.  Two Windshield Wipers.  Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement L Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity S quarts Pressure to—  Main Bearings Camshaft Front Bearing Rod Bearings Timing Case  SPRINGS—Front Type Double 1/4 elliptic	Rt. Con. Group  Choke Carb. Heat Control  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement L Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity 8 quarts Pressure to—  Main Bearings Camshaft Front Bearing Rod Bearings Timing Case  SPRINGS—Front Type Double 1/4 elliptic Shackle Type Rubber	Rt. Con. Group  Choke Carb. Heat Control  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically. Four Houdaille shock absorbers.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement L Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5,25-1	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity 8 quarts Pressure to—  Main Bearings Camshaft Front Bearing Rod Bearings Timing Case  SPRINGS—Front Type Double 1/4 elliptic Shaekle Type Rubber Leaf Material Silico-Manganese	Rt. Inst. Group  Rt. Inst. Group  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically. Four Houdaille shock absorbers.  Torchieres in rear corners and dome light
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement L Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity S quarts Pressure to—  Main Bearings Camshaft Front Bearing Rod Bearings Timing Case  SPRINGS—Front Type Double 1/4 elliptic Shackle Type Rubber Leaf Material Silico-Manganese  SPRINGS—Rear	Rt. Con. Group  Rt. Inst. Group  Rt. Inst. Group  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type.  Two Cowl Ventilators.  Two Windshield Wipers.  Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically.  Four Houdaille shock absorbers.  Torchieres in rear corners and done light in all closed cars.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement L Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise Points of suspension 4	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity S quarts Pressure to—  Main Bearings Camshaft Front Bearing Rod Bearings Timing Case  SPRINGS—Front Type Double ¼ elliptic Shackle Type Rubber Leaf Material Silico-Manganese  SPRINGS—Rear Type Semi-elliptic	Rt. Inst. Group  Rt. Inst. Group  Rt. Inst. Group  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type.  Two Cowl Ventilators.  Two Windshield Wipers.  Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically.  Four Houdaille shock absorbers.  Torchieres in rear corners and dome light in all closed cars.  Courtesy light on running board of all models.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement L Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise Points of suspension 4 Mixture Heated by Exhaust around riser	Chassis Bijur  Points Reached—  Rear Springs 6 points  Fan 2 points  Water Pump 1 point  Clutch 1 point  Clutch and Brake Pedals 2 points  Engine Gear Pump  Capacity 8 quarts  Pressure to—  Main Bearings  Camshaft Front Bearing  Rod Bearings  Timing Case  SPRINGS—Front  Type Double ¼ elliptic  Shackle Type Rubber  Leaf Material Silico-Manganese  SPRINGS—Rear  Type Semi-elliptic  Length 62"	Rt. Con. Group  Rt. Inst. Group  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type.  Two Cowl Ventilators.  Two Windshield Wipers.  Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically.  Four Houdaille shock absorbers.  Torchieres in rear corners and dome light in all closed cars.  Courtesy light on running board of all models.  Tail light on left rear, stop and back up light
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement I. Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise Points of suspension 4 Mixture Heated by Exhaust around riser Heat Control Manual	Chassis Bijur  Points Reached—  Rear Springs 6 points  Fan 2 points  Water Pump 1 point  Clutch 1 point  Clutch and Brake Pedals 2 points  Engine Gear Pump  Capacity 8 quarts  Pressure to—  Main Bearings  Camshaft Front Bearing  Rod Bearings  Timing Case  SPRINGS—Front  Type Double 1/4 elliptic  Shackle Type Rubber  Leaf Material Silico-Manganese  SPRINGS—Rear  Type Semi-elliptic  Length 62"  Shackles Metallic	Rt. Con. Group  Rt. Inst. Group  Rt. Inst. Group  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type.  Two Cowl Ventilators.  Two Windshield Wipers.  Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically.  Four Houdaille shock absorbers.  Torchieres in rear corners and dome light in all closed cars.  Courtesy light on running board of all models.  Tail light on left rear, stop and back up light on right rear.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement 1. Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise Points of suspension 4 Mixture Heated by Exhaust around riser Heat Control Manual Vibration Dampener Tortional—Lanchester	Chassis Bijur  Points Reached—  Rear Springs 6 points  Fan 2 points  Water Pump 1 point  Clutch 1 point  Clutch and Brake Pedals 2 points  Engine Gear Pump  Capacity 8 quarts  Pressure to—  Main Bearings  Camshaft Front Bearing  Rod Bearings  Timing Case  SPRINGS—Front  Type Double ¼ elliptic  Shackle Type Rubber  Leaf Material Silico-Manganese  SPRINGS—Rear  Type Semi-elliptic  Length 62"	Rt. Inst. Group  Rt. Inst. Group  Rt. Inst. Group  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type.  Two Cowl Ventilators.  Two Windshield Wipers.  Emergency Brake Lever placed well forward in center.  Gear Shift Leversliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically.  Four Houdaille shock absorbers.  Torchieres in rear corners and dome light in all closed cars.  Courtesy light on running board of all models.  Tail light on left rear, stop and back up light on right rear.  Lights controlled by knurled knob in center
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement 1. Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise Points of suspension 4 Mixture Heated by Exhaust around riser Heat Control Manual Vibration Dampener Tortional—Lanchester Crankshaft Counter-balanced	Chassis Bijur  Points Reached—  Rear Springs 6 points  Fan 2 points  Water Pump 1 point  Clutch 1 point  Clutch and Brake Pedals 2 points  Engine Gear Pump  Capacity 8 quarts  Pressure to—  Main Bearings  Camshaft Front Bearing  Rod Bearings  Timing Case  SPRINGS—Front  Type Double ¼ elliptic  Shackle Type Rubber  Leaf Material Silico-Manganese  SPRINGS—Rear  Type Semi-elliptic  Length 62"  Shackles Metallic  Leaf Material Silico-Manganese	Rt. Inst. Group Choke  Carb. Heat Control  Rt. Inst. Group Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically. Four Houdaille shock absorbers.  Torchieres in rear corners and dome light in all closed cars.  Courtesy light on running board of all models. Tail light on left rear, stop and back up light on right rear.  Lights controlled by knurled knob in center of steering wheel.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement L Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise Points of suspension 4 Mixture Heated by Exhaust around riser Heat Control Manual Vibration Dampener Tortional—Lanchester Crankshaft Counterbalanced No. Main Bearings 5	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity 8 quarts Pressure to—  Main Bearings Camshaft Front Bearing Rod Bearings Timing Case  SPRINGS—Front Type Double ¼ elliptic Shackle Type Rubber Leaf Material Silico-Manganese  SPRINGS—Rear Type Semi-elliptic Length 62" Shackles Metallic Leaf Material Silico-Manganese  STEERING GEAR	Rt. Con. Group Choke Carb. Heat Control  Rt. Inst. Group Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center. Gear Shift Lever—sliding rod type through instr. board. Hand crank in conventional position. CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft. Steering column adjustable vertically. Four Houdaille shock absorbers. Torchieres in rear corners and dome light in all closed cars. Courtesy light on running board of all models. Tail light on left rear, stop and back up light on right rear. Lights controlled by knurled knob in center of steering wheel. Speedometer drive off differential shaft giv-
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement L Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise Points of suspension 4 Mixture Heated by Exhaust around riser Heat Control Manual Vibration Dampener Tortional—Lanchester Crankshaft Counterbalanced No. Main Bearings 5 Main Bearing Diam. 2½"	Chassis Bijur  Points Reached—  Rear Springs 6 points  Fan 2 points  Water Pump 1 point  Clutch 1 point  Clutch and Brake Pedals 2 points  Engine Gear Pump  Capacity 8 quarts  Pressure to—  Main Bearings  Camshaft Front Bearing  Rod Bearings  Timing Case  SPRINGS—Front  Type Double 1/4 elliptic  Shackle Type Rubber  Leaf Material Silico-Manganese  SPRINGS—Rear  Type Semi-elliptic  Length 62"  Shackles Metallic  Leaf Material Silico-Manganese  STEERING GEAR  Type Worm and Roller	Rt. Con. Group  Rt. Inst. Group  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type.  Two Cowl Ventilators.  Two Windshield Wipers.  Emergency Brake Lever placed well forward in center.  Gear Shift Leversliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically.  Four Houdaille shock absorbers.  Torchieres in rear corners and dome light in all closed cars.  Courtesy light on running board of all models.  Tail light on left rear, stop and back up light on right rear.  Lights controlled by knurled knob in center of steering wheel.  Speedometer drive off differential shaft giving proper recording with all gear ratios.
COOLING Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement L Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise Points of suspension 4 Mixture Heated by Exhaust around riser Heat Control Manual Vibration Dampener Tortional—Lanchester Crankshaft Counterbalanced No. Main Bearings 5 Main Bearing Diam. 2½" Camshaft Drive Chain	Chassis Bijur  Points Reached—  Rear Springs 6 points  Fan 2 points  Water Pump 1 point  Clutch 1 point  Clutch and Brake Pedals 2 points  Engine Gear Pump  Capacity 8 quarts  Pressure to—  Main Bearings  Camshaft Front Bearing  Rod Bearings  Timing Case  SPRINGS—Front  Type Double ¼ elliptic  Shackle Type Rubber  Leaf Material Silico-Manganese  SPRINGS—Rear  Type Semi-elliptic  Length 62"  Shackles Metallic  Leaf Material Silico-Manganese  STEERING GEAR  Type Worm and Roller  Gear Ratio 20-1	Rt. Inst. Group Choke  Garb. Heat Control  Rt. Inst. Group Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically. Four Houdaille shock absorbers.  Torchieres in rear corners and dome light in all closed cars.  Courtesy light on running board of all models. Tail light on left rear, stop and back up light on right rear.  Lights controlled by knurled knob in center of steering wheel.  Speedometer drive off differential shaft giving proper recording with all gear ratios. Front fenders approximately 80" in length.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement 1. Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise Points of suspension 4 Mixture Heated by Exhaust around riser Heat Control Manual Vibration Dampener Tortional—Lanchester Crankshaft Counterbalanced No. Main Bearings 5 Main Bearing Diam. 2½" Camshaft Drive Chain No. Camshaft Bearings 6	Chassis Bijur  Points Reached—  Rear Springs 6 points  Fan 2 points  Water Pump 1 point  Clutch 1 point  Clutch and Brake Pedals 2 points  Engine Gear Pump  Capacity 8 quarts  Pressure to—  Main Bearings  Camshaft Front Bearing  Rod Bearings  Timing Case  SPRINGS—Front  Type Double 1/4 elliptic  Shackle Type Rubber  Leaf Material Silico-Manganese  SPRINGS—Rear  Type Semi-elliptic  Length 62"  Shackles Metallic  Leaf Material Silico-Manganese  STEERING GEAR  Type Worm and Roller	Rt. Inst. Group Choke  Garb. Heat Control  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically. Four Houdaille shock absorbers.  Torchieres in rear corners and dome light in all closed cars.  Courtesy light on running board of all models. Tail light on left rear, stop and back up light on right rear.  Lights controlled by knurled knob in center of steering wheel.  Speedometer drive off differential shaft giving proper recording with all gear ratios.  Front fenders approximately 80" in length. Hood 46" in length.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement 1. Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise Points of suspension 4 Mixture Heated by Exhaust around riser Heat Control Manual Vibration Dampener Tortional—Lanchester Crankshaft Counterbalanced No. Main Bearings 5 Main Bearing Diam. 2½8" Camshaft Drive Chain No. Camshaft Bearings 6 Camshaft Bearing Diam. 2 " Camshaft Bearing Diam. 2 "	Chassis Bijur  Points Reached—  Rear Springs 6 points  Fan 2 points  Water Pump 1 point  Clutch 1 point  Clutch and Brake Pedals 2 points  Engine Gear Pump  Capacity 8 quarts  Pressure to—  Main Bearings  Camshaft Front Bearing  Rod Bearings  Timing Case  SPRINGS—Front  Type Double ¼ elliptic  Shackle Type Rubber  Leaf Material Silico-Manganese  SPRINGS—Rear  Type Semi-elliptic  Length 62"  Shackles Metallic  Leaf Material Silico-Manganese  STEERING GEAR  Type Worm and Roller  Gear Ratio 20-1	Rt. Inst. Group  Rt. Inst. Group  Gasoline Gauge Oil Level Gauge Ammeter All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center. Gear Shift Lever—sliding rod type through instr. board. Hand crank in conventional position. CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft. Steering column adjustable vertically. Four Houdaille shock absorbers. Torchieres in rear corners and dome light in all closed cars. Courtesy light on running board of all models. Tail light on left rear, stop and back up light on right rear. Lights controlled by knurled knob in center of steering wheel. Speedometer drive off differential shaft giving proper recording with all gear ratios. Front fenders approximately 80" in length. Hood 46" in length. Tires 18 x 7.00 standard.
COOLING  Type Centrifugal Pump Pump Drive Chain Radiator Type Tube Thermostat Dole Radiator Shutter Automatic  ENGINE  Make Lycoming Cylinders 8 in line en bloc Valve Arrangement 1. Crankcase Separate Bore and Stroke 3½ x 4½ Piston Displacement 298.6 cu. in. Tax HP 33.8 Maximum Developed HP 125 Compression Ratio 5.25-1 Rotation of Engine Counter-clockwise Points of suspension 4 Mixture Heated by Exhaust around riser Heat Control Manual Vibration Dampener Tortional—Lanchester Crankshaft Counterbalanced No. Main Bearings 5 Main Bearing Diam. 2½" Camshaft Drive Chain No. Camshaft Bearings 6	Chassis Bijur Points Reached—  Rear Springs 6 points Fan 2 points Water Pump 1 point Clutch 1 point Clutch and Brake Pedals 2 points Engine Gear Pump Capacity 8 quarts Pressure to—  Main Bearings Camshaft Front Bearing Rod Bearings Timing Case  SPRINGS—Front  Type Double 1/4 elliptic Shackle Type Rubber Leaf Material Silico-Manganese  SPRINGS—Rear  Type Semi-elliptic Length 62" Shackles Metallic Leaf Material Silico-Manganese  STEERING GEAR  Type Worm and Roller Gear Ratio 20-1 Turning Radius 23 ft.	Rt. Inst. Group Choke  Garb. Heat Control  Gasoline Gauge Oil Level Gauge Ammeter  All instruments are of the rotating dial type. Two Cowl Ventilators. Two Windshield Wipers. Emergency Brake Lever placed well forward in center.  Gear Shift Lever—sliding rod type through instr. board.  Hand crank in conventional position.  CORD crest on starting crank hole cover, glove compartment lid, and gasoline tank cover.  Front Seat adjustable fore and aft.  Steering column adjustable vertically. Four Houdaille shock absorbers.  Torchieres in rear corners and dome light in all closed cars.  Courtesy light on running board of all models. Tail light on left rear, stop and back up light on right rear.  Lights controlled by knurled knob in center of steering wheel.  Speedometer drive off differential shaft giving proper recording with all gear ratios.  Front fenders approximately 80" in length. Hood 46" in length.



Copyright 1929
AUBURN AUTOMOBILE COMPANY
AUBURN, INDIANA