

In The Automobile World

Stitches in Time.

The advent of the woman motor car driver and enthusiast, more than any other one thing indicative of its universal success and therefore, the great future possibilities of the automobile industry.

A piece of old flat clock spring makes an excellent thing to restore the spring of old piston rings. Cut to the length of the ring, that is, its inner circumference and place in the groove beneath the ring.

The man who once predicted that the price of "horseless carriages" would never come down within reach of the average man's purse, is today probably the most enthusiastic motorist in his community.

The automobile is no longer looked upon solely as a pleasure vehicle. It ranks with the telephone and telegraph as a utility.

Anything which is of as much benefit to the whole family and community as the motor car, is bound to be a successful business venture.

The careful motorist equips the rear wheels, and sometimes the front as well, with anti-skid tire chains. These are not expensive and make for a cheap insurance, as they not only provide traction on slippery thoroughfares, but prevent accidents.

Too much emphasis cannot be placed on lubrication. More troubles can be traced to lack of lubrication than to any other cause. Study your lubrication chart and follow it carefully.

Those who are troubled with oil exuding from gearbox or rear axle should try the curative effects of a small air vent. Such escapes of the oil are often caused by internal pressure, the result of the increase of temperature produced under running condition. The oil, besides being thinned by the higher temperature, is forced out by the pressure, and hence the value of some kind of vent. A short vertical tube screwed into the top of gear-box or differential casing will answer for all practical purposes, but if for any reason it does not suit the hole can easily be plugged.

Pedestrians Blamed

The pedestrian is the most dangerous, as well as the most defiant, factor in street traffic, said Dr. H. M. Rowe, of Baltimore, president of the American Automobile Association, speaking at the second annual convention of the Safety First Federation of America at Baltimore.

If pedestrians, he said, were confined to the sidewalks and not permitted to cross streets anywhere except at properly designated crossings, the cause of most accidents and fatalities would be eliminated at one stroke.

Vehicles, Dr. Rowe said, were so well covered by regulations that further attempts in that line could not bring results.

"The pedestrian—the individual for whose safety we are so deeply concerned," he said, "we have not regulated at all, or else to such a limited extent and in so few instances that he is at the moment the uncontrolled factor in traffic. He is by far the most dangerous, as well as the most defiant, factor."

THE CALL OF SPRING.

Soon budding spring will call the city man to the broad fields, the lakes, hills and winding rivers. Reviving nature will cast her spell over winter-bleached toilers in office, factory and store. There will come an intense longing to rush out under the wide, blue sky and breathe deep of the vitalizing ozone, with ever-changing panorama bringing new delights.

The man is fortunate who can climb into his motor, with family and friends beside him, and forget his day's work in an hour's ride over country roads; or who between working hours and dinner time can join them at a lakeside home. He also is fortunate who, as a car owner, can spin along on a time-saving business trip.

For the motor car is business-builder, nature-teacher, dispeller of brain fog, gloom destroyer, a vehicle that transports to the joy-zone of health.

The season of motor-joy is nearing. It will be the greatest season in history.

STARTING ENGINE ON FIRST ATTEMPT

Habit of Flooding Carburetor Does Not Give the Best Results.

How seldom one sees a private owner start his engine with the switch off, though the professional driver very often adopts this procedure when his motor is cold.

The average owner flows his carburetor, or pulls the choke switches on, and presses the starter button ineffectually five or six times. Then he opens the banner, perhaps, floods the carburetor again, and at last gets an explosion.

It is obvious that the idea of flooding the carburetor is to obtain a temporary enriched mixture, but the value of the flooding is lost if it is done when the cylinders and induction pipe are full of mixture, any petrol vapor left in this overnight having long since evaporated.

If the engine be turned over a few times with the switch off, the air is expelled, and a thin mixture of air and petrol inhaled in its place. Flooding then gives a temporarily rich mixture in the cylinders and the engine will start at the first trial.

Try the fan belt once in a while to make sure it is being driven at the right speed. If you can spin the fan, the belt needs tightening. If the fan does not run at the right speed, the engine is more likely to overheat.

Safety First.

If your motor car were stolen, Mr. Motorist, could you describe it in such a way that the police could readily recognize it, if they saw it? There are thousands of black cars and yellow cars, cars with nicks in them and cars with fenders bent. It is out of these many cars which so closely resemble each other that the police have to pick the stolen car. But if you'll clip this form out, fill in your hat band, you'll be able to tell the police the most important things they will want to know about your car, if it is ever stolen. Name and model (year, H.P., special name of manufacturer).

Color, Battery No., License No., Radiator No., Steering Post No.

Motor No., Transmission No., Body No., Clutch No., Top No., Front Axle No., Starter No., Rear Axle No., Tires—Size, number, make.

Front left, Front right, Rear left, Rear right.

Remarks—Special identification marks, dents, noticeable scratches, monogram or initials, upholstery, and special feature device.

Let us tarry awhile at the sign of the smile.

Stop!



IS YOUR CAR INSURED?

We have a very up-to-date policy which we would like to explain to you—it covers all hazards a car is insured against. Call, write or phone at our expense.

J.K. Carroll Agency

Real Estate and Insurance. Phone 68. 56 Brock St.



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Ford Sales

are based on

Ford Service

and

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This is the simple reason why there are so many Ford Cars in Canada today and why the Ford Car is known everywhere as

The Universal Car

Angrove Bros.

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Get Out in the Great Outdoors

WHY not spend your week-ends in the woods—fishing, hunting, or just loafing, as the season or your inclination may dictate?

If you have a

Harley-Davidson Motorcycle

you can get away from town whenever the opportunity presents itself—you don't have to bother about time tables or train connections. With a Harley-Davidson you can go where you want to, when you want to, and stay as long as you like, because you know your mount will get you back again in good time.

We can make it easy for you to own a Harley-Davidson motorcycle. If you do not want to pay cash we can arrange terms to suit your convenience.

This motorcycle can be seen at
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Conqueror of ALL Roads!

YOU will never know what road mastery is till you ride in a Gray-Dort. The Gray-Dort does not merely travel a road—she conquers. Where going is smooth, her flight is swift as an eagle's—unhindered by fatigue of passengers, smooth as a summer's sea. She breasts hills like a bird breasting the breeze—without apparent effort—swiftly, noiselessly, even-tempered. She smooths out the roughest roads by virtue of her long springs and deep upholstery. And mud and sand—hub deep—hold no terrors for her—she goes through without labor, with never a miss or a knock to disturb the even tenor of her motor. Etienne Planché built a masterpiece when he designed the compact, economical giant of power that nestles under her hood.

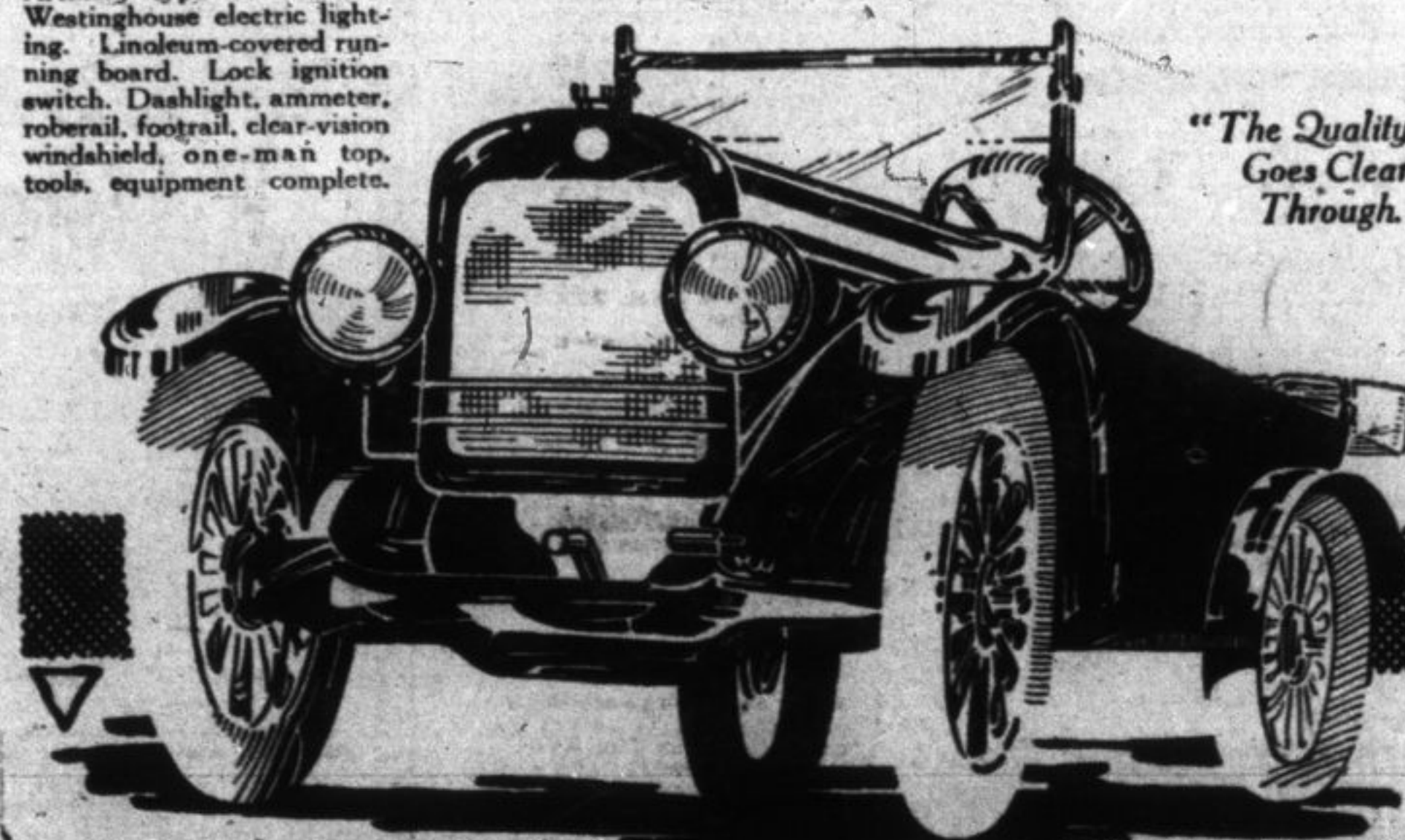
GRAY-DORT

\$910

5 Passenger Touring Model \$910
3 Passenger Roadster Model \$910

GRAY-DORT MOTORS, LTD., CHATHAM, ONT.
American Factory at Flint, Mich.

MOTOR—Gray-Dort, 4-cylinder, cast-iron block, L-head type, bore 3 3/4 in., stroke 5 in.; speed 2,000 R.P.M.; horsepower 28. Cast iron removable heads. Timing gears—cast iron helical. Carter carburetor. Thermosiphon cooling. 3 gallon tube and fin radiator. 4 quart oil-pump and splash lubrication. Westinghouse two unit starting and lighting system. Connecticut battery ignition. 12 inch cone clutch with 6 compensating springs. Three speed and reverse selective transmission, with double row New Departure bearings. Universal joint. Gasoline tank under cowl. 1 beam heavy duty front axle. 3/4 floating rear axle, with forked tube torsion and Hyatt High Duty bearings. 10 inch internal expanding and external contracting brakes. Pressed steel frame. Springs—front, 37 in., elastic rear 50 in., full cantilever. Left-hand drive. 16 in. irreversible worm and nut type steering wheel. Centre gear shift lever. Emergency brake, right pedal. Service brake, clutch pedal. Accelerator. Spark and throttle control on steering-wheel. Artillery type wood wheels. Detroit demountable rims. 30x3 1/2 Dominion tires. Nobby tread rear.



"The Quality Goes Clear Through."

W. P. PETERS, Kingston.