

# In The Automobile World

## DRAFT INCREASES VALUE OF MOTOR CAR

Automobile Proving Its Value To Business Men And Farmers Alike.

Tangible evidence that the automobile is playing a great part in solving the problem of labor scarcity is supplied by the requests received at the Gray-Dort factory from dealers asking that shipments be speeded up. "These requests," says Robert Gray, president of the company, "come particularly from dealers in farming communities, and they show

that the farmers, no less than the city man and suburbanite, realize that in these days when help is scarce the automobile is a valuable aid in increasing their own personal efficiency. This demand for light, dependable and economical cars will become more and more noticeable as the drain on available labor from the cities and farming centres becomes more acute as a result of the drafting of our man-power into the army. In other words, the automobile has been "discovered" in these days. It is one of the "short cuts" that daily saves thousands of hours of precious time.

"Our investigations," continued Mr. Gray, "disclose the fact that

farmers are teaching their wives and daughters to drive and that many of the cars running into town are piloted by women who leave with their cars loaded up with all manner of provisions and supplies. Thus the automobile is performing the function of both common carrier and pleasure car, and it is this factor we are chiefly considering in building the Gray-Dort—to make it sturdy and dependable yet light and easy to handle even by women drivers.

## MANY USED CARS SOLD

Without Noticeably Affecting Sale of New Automobiles.

The imposition of the new tax of ten per cent on the selling price of motor cars has had the effect of increasing the sales of second hand cars. It is stated that just as many new cars are being sold as ever, but that the transfers of used cars are much more numerous.

At the present time there is a great demand for used cars in good condition, as there is no tax on the sale of such automobiles, and many young men who have been called to the colors have disposed of their cars.

Some dealers report there has never been such a good market for used cars, and that they can dispose of all that they can get. The imposition of an extra tax of ten per cent above the import duty taxes has frightened some would-be purchasers, and as a consequence a used car in good condition has usually been purchased instead of the new auto. The dealers state, however, that new cars have not been displaced on the market and that large numbers are being sold in spite of the taxes.

## Britain Mobilizes Motor Cars.

The Board of Trade has made the following announcement regarding the Petrol Control Department for the renewal of motor spirit licenses (for motor cars) in the United Kingdom:

The issue of a license will be subject to the condition that the licensee shall hold himself, or his paid driver, and his motor car or cars at the disposal of the military authorities for use in the event of a national emergency.

The particular "emergency" contemplated by this endorsement is that which would be caused by the invasion or apprehended invasion of Great Britain's shores by an enemy force. In such an event the immediate supply of motor vehicles in districts affected would be of great military value.

The War Office proposes to direct the county commanders of counties to ascertain the number of motor vehicles thus available in a county through the Motor Volunteer Corps organization.

Most of the tea that is raised in Burma is picked and eaten as a condiment.

## BRAKE INSPECTION MOVEMENT STARTED

An Important As Stopping Glaring Headlights, Says Robert Gray.

Success in bringing about the proper suppression of glaring headlights has turned attention to the necessity of inaugurating a movement to prevent the possibility of accidents due to imperfectly adjusted or defective brakes.

Prominent automobile, police and insurance men throughout America have given their approval to such a movement. Although no compulsory legislation has been yet proposed to compel inspection, the idea has had the endorsement of prominent officials such as Arthur Woods, former police commissioner of New York City.

The plan of the movement is to ask every motorist and truck owner to have his brakes inspected by authorized inspectors at the beginning of the season and at frequent intervals thereafter. An official seal could be devised to be placed on the car showing the date of last inspection.

In commenting on this movement Robert Gray, president of the Gray-Dort Motors, Limited, Chatham, says:

"To my mind, the plan to have inspection of brakes at certain intervals is along the right lines. In fact, I have often wondered why the necessity of having good brakes was not incorporated in the motor laws long ago, because if there is one

part of a car that should be in A-1 condition, and of the proper size, it is the brakes. A thousand laws can be passed, the object of which is to safeguard motorists and pedestrians, but if the brakes are not right, accidents are bound to happen.

"This plan is right in line with the ideas of Gray-Dort engineers who have insisted on brakes of larger size than has been previously thought necessary for light cars, thus giving a greater margin of safety and dependability."

## Fuel Feed Troubles.

While driving along a country road a local driver of a car suddenly felt that the motor was not running and his actions were such as to make him believe that the fuel tank was empty. The car was fitted with a large tank at the rear and a vacuum tank under the hood behind the radiator. An examination showed that there was gasoline in the tank, although very little. The float chamber cover of the carburetor was empty. In order to get fuel to the vacuum tank, the driver forced air into the main tank with his breath, placing his mouth in the tank opening and pressing hard so as to prevent air escape. The vacuum tank soon became filled and the car was driven for some distance before the performance had to be repeated. This was done until a supply station was reached.

The first object of the movement is to have all brakes inspected before the touring season opens. This will decrease the accidents due to faulty or improperly adjusted braking.

## AUTO REGISTRATION IN CANADA GROWS

More Than 285,000 Cars Are Owned in the Dominion This Year.

In 1914 Canada registered 61,058 automobiles. By 1915 the registrations climbed to 116,383. The next year they nearly doubled again, and in 1917 came through with 193,000 registrations. In 1918, estimates Robert Gray, president of the Gray-Dort Motors, Limited, the registration will probably reach the figure of 285,000.

"For many reasons," says Mr. Gray, "these figures are interesting, but their chief significance lies in the fact that they fully establish the present position of the motor car as one of the prime factors in the economic life of the present day. With the growing scarcity of help, due to the drafting of men into the army, the saving of time effected by the automobile is of vital importance. It appeals strongly both to business men and farmers. I believe that the automobile's service in saving time that is doubly precious under war conditions is one of the chief causes that make possible the huge consumption."

"Further proof of this," adds Mr. Gray, "lies in the fact that the tendency these days is more and more to the light dependable and economical car which is the truly efficient time saver and within the scope of any farmer's or business man's purse."

## MICHELIN TIRE HINTS.

The Proper Care of Spare Tubes are Described.

Mr. Chown, of E. Chown & Son, local selling agent for the Michelin Tire Company, says that the average motorist has learned by experience to take proper care of the mechanism of his car, but he too often neglects his tires. Ordinary care accorded spare casings and tubes is good insurance, and will save the motorist both cash and trouble and a few suggestions, therefore, regarding the proper care of tires may benefit the reader.

For example, never carry spare tubes unprotected in the tool box—they are almost certain to come in contact with sharp tools and perhaps greasy rags, or other greasy articles, all of which are deadly enemies to rubber.

Exposure to strong light and varying degrees of temperature is also injurious to rubber, robbing it of its elasticity and making it brittle. Always carry spare tubes in the water-proof cloth bags supplied by all accessory dealers for this purpose.

Motorists sometimes try to avoid trouble by carrying spare tubes in the original cardboard boxes. Jolting is sure to cause tubes to chafe against the more or less rough inner sides of the boxes, eventually weakening the tubes by wearing away the rubber. Unless inner tubes are to be stored in the garage they should always be taken from the original boxes and placed in the tube bags already described.

**Overland**  
The Thrift Car

It doesn't cost much to drive the Overland Model 90.

That's one of the five reasons why the sale of Overlands in Canada doubled last year.

The other four reasons are that this light Overland Four has every advantage of appearance, performance, comfort and service.

Buy an Overland and speed up.  
It will help in winning the war.

Appearance  
Performance  
Comfort  
Service  
Price

Local Dealers Overland Sales.  
Rooms,  
Arthur W. H. Callaghan, Dist.,  
214 Wellington Street.  
Willys-Overland, Limited  
Willys Knight and Overland Motor Cars and Light Commercial Vehicles.  
Head Office and Works, West Toronto, Ontario.



## The Ford Saves the Hay and Oats the Horses Eat

IT HAS been estimated that five acres of land are required to maintain one horse for a year, and that the same five acres would produce nearly enough food for two people. If 50,000 Canadian farmers each replaced one horse with a Ford, 250,000 acres would be added to the Nation's source of food supply and enough extra food made available to feed 100,000 people.

Just think what a great service this means to the country at the present time and the benefit to the farmers from the sale of food produced on this acreage.

A Ford car also saves the farmer a week or more of valuable time each year, which can be used for further productive work. The Ford travels three times as fast as a horse and rig—costs less to run and keep, and is far easier to take care of. With labor so scarce and high priced, time means money, so do not delay in getting your Ford.

**Ford**

Runabout	\$575
Touring	\$595
Coupe	\$770
Sedan	\$970
Chassis	\$535
One-ton Truck	\$750

**Van Luven Bros., Kingston - Moscow**  
G. H. Richardson, Tamworth.  
J. A. Goodfellow, Parham.

## The Quality Goes Clear Through For Average Roads

The boulevard is the motor car-manufacturer's paradise. But the average road too often is his undoing.

We cannot always ride on boulevards, but we can build to the grim exactions of the average road, and be sure the boulevard will not find us wanting. Gray-Dort has done just that—built this car to the average road.

The Gray-Dort motor is amply powerful for the load it carries. It is quiet, smooth, simple. It does not get out of order. It gives long service. The Gray-Dort chassis is extra strong, extra safe. Every part is co-ordinated to the highest degree. Each does its work quickly; unnoticed, but efficient and reliable. Gray-Dort design and Gray-Dort coach-building have added great comfort to the performance of this car. All this you get in a thrifty car, a car of low upkeep and of low first cost.

And the result of it all is the Gray-Dort as you can buy it today—a better car, built to the average road and able to serve well there; a light car of unusual quality and brimming with value.

The new Gray-Dort embodies all the good features that won instant success for former models. The 4-cylinder motor is a triumph of smooth, economical speed and power. The chassis is sturdy and quiet. The springs are long. The upholstery is deep. The equipment is absolutely complete from electric starting and lighting to the tools. New lines of beauty have been given this model.

The five-passenger touring car is \$1,125; the three-passenger fleur-de-lys roadster is \$995; the Gray-Dort special, beautifully finished and with extra details of equipment, is \$125 above the list. All prices are f.o.b. Chatham.

# GRAY-DORT

## Boyd's Garage Kingston

Dealers in Every Locality

**GRAY-DORT MOTORS, LIMITED**  
CHATHAM ONTARIO

In the United States:  
THE DORT MOTOR CAR COMPANY, Flint, Mich.