

In The Automobile World

FASHION TIPS FOR MOTORISTS.

Fur coats are popular for touring wraps, as they are easily slipped on and off. These of the short haired fur make the prettiest garments. One made of beaver has a deep cape which has the arms slits if the wearer cares to use them; the front vest has two deep pockets and a fur belt. Another garment, fashioned on much the same lines, has a little shorter, cape and longer vest tabs which are full enough for deep muff pockets. The fur is nutria. A beaver trench coat is a novelty. The belt and buttons are of polished wood and there is the smart little forage cap to go with the coat. This makes an ideal

touring outfit for extreme winter weather. Fur lined coats follow the full raglan lines and are covered with tweeds, bolivia cloth, duvetyne and other popular materials.

Dog bags and baskets are all being woollen lined for the winter, as pneumonia stalks the expensive canine as persistently as it does his human owner, and no pains are spared in making their outings comfortable and safe. Tiny blankets, soft pillows, knitted sweaters, even knitted booties are all provided for the expensive pets.

French Ride "Bikes."
The war is repopularizing the bicycle in France.

The automobile is out of reach of everybody except the very rich, because gasoline is \$1.25 per gallon. So the French masses have turned again to the bike.

Everybody bikes. On the boulevards of Paris as well as on the rural highways almost as many women are to be seen riding as men.

When a polite Frenchman asks, "Would you enjoy a ride with me tomorrow?" don't jump at the conclusion that he's coming around after you in an eight cylinder machine. The chances are three to one he

will show up on his bicycle, leading another for you to ride.

In Paris and its environs there are now more than 290,000 bicycles in service, and the proportion in smaller towns is greater.

A topnotch bicycle with coaster appliance can be bought for \$50.

A faulty set of piston rings will cause a motor to run irregularly. All the cylinders should have equal compression. One weak cylinder will cause a disagreeable sound, which is not only very annoying to the driver, but injurious to the whole mechanism.

ONE CAR TO EVERY 20 PEOPLE IN U.S.

Nearly 5,000,000 Motor Vehicles are Owned and Operated in the Republic.

The latest census of automobiles and motor trucks for the United States shows one car to every 20 inhabitants of the 48 states that make up the Union. There were registered in the year just closed nearly 5,000,000 motor vehicles, an increase of about 1,400,000 over 1917. That, in turn, was a gain of about 1,100,000 over 1916. It can be seen that the daily use of the motor car is constantly growing, and war conditions are proving that automobiles are, as is now generally conceded, first-grade utilities.

The figures are drawn from an exhaustive article in the current issue of Automobile Industries. They show New York has the most cars up to January 1st, 1918. The Empire State's total is 404,000. Illinois is second, with 340,000. Ohio with 333,000 is third, Pennsylvania fourth, with 325,000. Iowa, which gained more than 100,000 registrations in the year, is fifth, with 278,000 cars. New York's increase is from 279,000 to 404,000. There are altogether eight States that have more than 200,000 cars, California, Michigan, and Texas being the others.

The grain-growing States showed great increase in 1917, nearly 700,000 more cars being enrolled than in 1916.

Other statistics show that there are 28,704 dealers, 25,800 garages, 13,574 repair shops, 8,800 automobile companies having supply departments, 279 jobbers and 2,626 exclusive supply stores in the United States. This is surely a pretty large industry to be juggled with in a light way.

DOES YOUR BUMPER FIT YOUR MOTOR?

That is to say, is it in keeping with the Rest of the Car?

Occasionally one sees on the street a big, good-looking and expensive automobile upon the front of which is mounted a bumper which certainly is not in keeping with the rest of the layout.

For instance, only the other day we saw a limousine which cost not less than \$7,500 protected by a rigid bumper of tubular iron. Not only is this entirely too cheap an affair to be on so expensive a car, but it does not offer the proper amount of protection. This sort of bumper is destroyed, in one accident, and it does not save the radiator or fender behind it.

The kind of bumper which does not survive one collision is not worth the buying. The old type of channel bumper, which looked pretty good but was not any more effective than the tubular type, also has gone out.

There are several excellent bumpers on the market which really do protect and go through a series of mishaps without the need of replacement. This is the sort of bumper that every motorist who drives at all in traffic should have, and certainly it is poor economy and poor taste to put a cheap-looking bumper on a fine-looking car.

The habit of using bumpers fore and aft is growing. This is double protection of the most desirable kind.

DIFFICULT TO SECURE JUSTICE

There is Public Prejudice Against the Owners of Motor Cars.

This from a recent issue of Motor Travel, the organ of the Automobile Club of America.

It is possible that in the present temper of the public it is difficult for the motorist to receive even-handed justice. A campaign of education should be carried on to counteract the unreasoning prejudice that is often in the mind of the citizen against the car-owner. There are one or two organizations in the State— one especially in New York City— who assemble their statistics from newspaper reports of accidents, the information often being so meagre that there is no way of telling whether a motorist is in the least at fault, nothing to indicate where the responsibility lies, and yet it is assumed, the way reports are written, that the motorist is to blame. This alleged "statistical bureau" sends out an elaborate report every month, and it is regretted that many of our metropolitan papers judging from their editorials, consider these statistics, unintelligently assembled, as reliable data. It is time that the motorist, the same as any other citizen when summoned to court, is not presumed to be guilty until the case is proven against him.

Fireflies.
Mining Irving, in Milwaukee.
When twilight drops a purple veil
O'er dusky wood and wild,
The velvet shadows scintillate
With tiny stars of gold.
They flash along the winding road
And twinkle through the park.
And glitter in the garden walks
Like jewels in the dark.

They are the souls of motorists—
Those little points of light
That fill with incandescent sheen
The drowsy summer night—
Condemned to haunt for evermore
The evening dews and damps,
Because as mortals here on earth
They failed to light their lamps.

For electric signs that simulate rockets a compressed air attachment has been invented that emits a hissing sound like that made by the fireworks.

Used Car Market

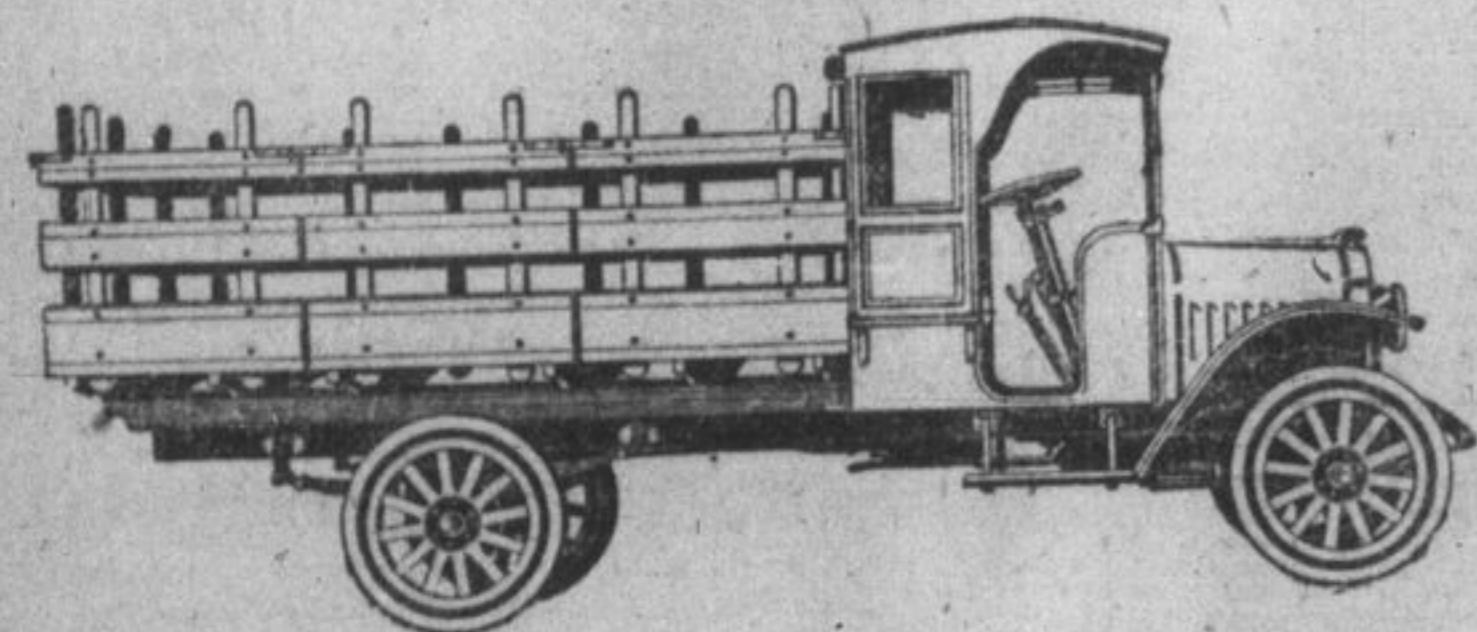
Passenger Cars—Commercial Cars—Motorcycles—Trucks

Make of Cars	Year	Body	Cyl.	Price	For Sale By	Phone	Equipment, Condition.
Briscoe	1917	Five Passenger	4	Bargain	Vanluven Bros.	1609	Guaranteed First Class
Regal	1915	Five Passenger	4	Right	Vanluven Bros.	1609	All new oversize tires thoroughly overhauled.
Ford	1916	Five Passenger	4	Bargain	Vanluven Bros.	1609	Self Starter, Speedometer, Water Gas Saver, Nickel Plate New Tires; guaranteed good shape.
Cadillac	1913	Five Passenger	4	Bargain	W. J. Moore & Son	815	Fully equipped; newly painted and overhauled.
Dodge	1916	Five Passenger	4	\$600	Anglin Brothers Montreal St.	1327	First Class Condition.
Studebaker	1915	Five Passenger	4	\$650	Anglin Brothers Montreal St.	1327	Good Condition
Ford	1915	Five Passenger	4	Bargain	Central Garage 335 King Street	2185	Good Condition
Excelsior Motorcycle	1916	Twin Cyl.		\$250	H. Milne 272 Bagot street	542	Good Condition

If You Want to Sell Your Car, List It Here. Call Phone 243

British Whig, for Space in This Classified Display Department.

Earns its Cost in One Trip Around the Calendar



MAXWELL TRUCK

The more you need capital in your business the less you can afford to delay ownership of this cash and time saver. It earns its keep and puts money in the bank.

Figures show that it yields 100% every twelve months by its "penny counting economy". More than 16 miles to the gallon. Worm drive. Electric lights and generator. 10-foot loading space. 2500 pounds. 99.6% perfect, as shown by service department evidence. It pays its way from day to day. \$1415 chassis only—the lowest priced truck of similar capacity in the world.

Local Agent.

J. W. MARTIN, 110 Clergy Street.

NEWEST NOTES OF SCIENCE

The area of Canada's forests is more than double that of Europe's. When cooked by electricity, meats shrink less than when cooked by coal. The College of Hawaii has added a four-year course in sugar technology. About \$500,000,000 a year is being spent on education in the United States.

A wireless station, open to the public, has been opened in Tierra del Fuego.

To record the work done by stenographers, a typewriter meter has been invented.

A metal clamp to hold two pieces of wood together at right angles has been patented.

For home consumption, Great Britain imports about 30,000,000 pounds of coffee annually.

A new clamp to hold a cover on a milk bottle also serves as a handle to carry the bottle.

Nine-tenths of Russia's gold mining is done on lands owned or formerly owned by the czar.

One of the easiest ways to cool an overheated oven is to stand a basin of cold water in it.

Most of Japan's pearl divers are women, who begin to learn the trade at the age of thirteen or fourteen.

An ounce of sugar of lead to a pail of water will help to fix the blue color in many textiles.

The development of waterpower in Norway has made electricity cheaper than steam in that country.

A recently patented cigar holder is little more than a pair of hinged jaws controlled by a spring.

Iron imbedded in concrete in Germany has been found to be free from rust after more than forty-five years.

Rapid cooling of a liquid produces fine crystals; the slower it changes form, the larger the crystals.

An Englishman has invented a process of coloring wool khaki and orange shades with dilute nitric acid.

In the United States there are found 111 distinct species of snakes, of which only seventeen are dangerous to man.

France is the best foreign patron of the United States patent office with Great Britain following closely.

An Iowa inventor's currying comb consists of flexible loops of corrugated metal through which dirt passes quickly.

Guineese raise stags for their horns, which are cut off when soft and used in the manufacture of native medicines.

For fighting lumber yard fires a monitor hose nozzle has been designed to be mounted on lumber stacking machines.

A lever operated machine to aid students to learn the multiplication tables has been invented by a French teacher.

A recently invented steamer chair can be folded compactly and covered with its upholstery, carried like a handbag.

Japanese copper mines yielded 11,562 tons of ore last year, an increase of nearly 30,000 tons from the preceding year.

For railroad men a Michigan inventor has patented a pocket flashlight that shows red from one end and white from the other.

A Swedish engineer's stoking device makes 1.3 tons of pulverized peat produce as much power in locomotives as a ton of coal.

A wire cutter to be fastened to the muzzle of a military rifle and operated by a bullet as the weapon is fired has been patented.

That he can build up diamonds from chips from ordinary illuminating gas and a mercury amalgam is the claim of a European scientist.

A piece of tungsten the size of a lead pencil contains enough material

for five miles of filament for electric lamps of ordinary size.

To give him absolute quiet a Dutch scientist has had three rooms built, one inside the next, and has created vacuums between the walls.

Saint Louis is experimenting with surrounding traffic policemen at night with light thrown from searchlights mounted on nearby buildings.

Paris has established a museum of the horse, presenting a complete history of the animal from the earliest known period to the present day.

Duplex automobile springs have been invented by a Californian, an auxiliary spring coming into action if the main one breaks or is overloaded.

The state government has bought several large brown-coal fields in the vicinity of Leipzig with a view to the electrification of its railroads.

The inventor of a new electric brake for automobiles claims it will stop a car moving at a speed of 50

miles an hour within 45 feet without skidding.

AUTO PRICES RISE SLOWLY.

Only Four Per Cent. Advance in Period of Rapid Increase.

Motor cars have been slow in following the worldwide price increase movement during the last three years. This fact is shown in a comparative analysis of price fluctuations of automobiles and other commodities, made by the National Automobile Chamber of Commerce.

The average wholesale price of all motor vehicles produced in the United States during the last six years shows a decrease each year ranging from 4.7 per cent. to 36.5 per cent. until the last year, when there was an increase of 4 per cent.

Prices of thirteen principal commodities, as reported by Bradstreet's index, decreased slightly until 1916.

In that year they increased 18 per cent., in 1916 more than 28 per cent., the last year more than 30 per cent. English commodity prices have in-

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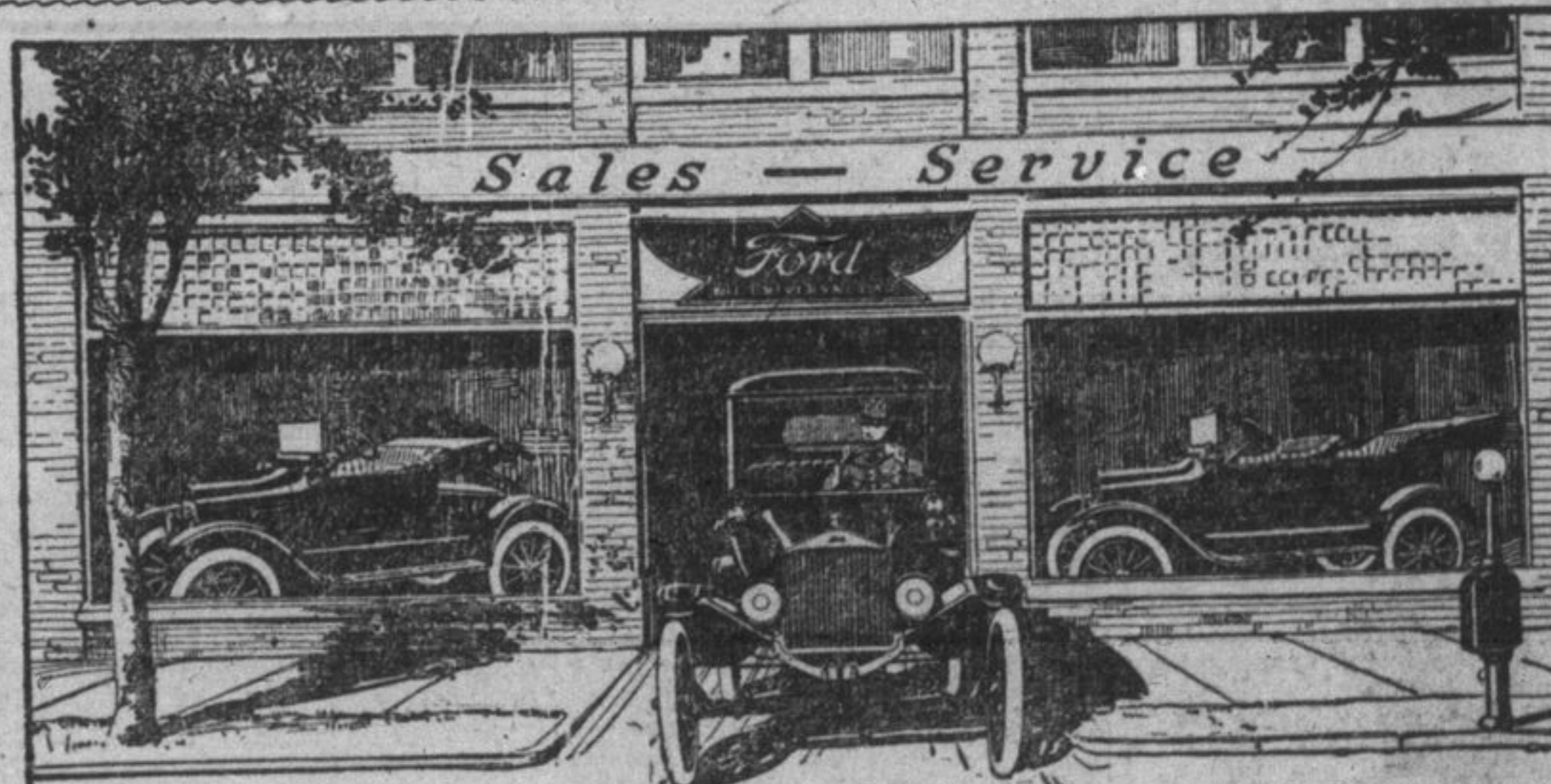
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Complete Service to Ford Owners Everywhere

COURTEOUS attention to your needs wherever you may travel is something you appreciate, and being a Ford owner you can get it. You are always "among friends".

There are more than 700 Ford Dealer Service Stations throughout Canada. These are always within easy reach of Ford owners—for gasoline, oil, tires, repairs, accessories, expert advice or motor adjustments.

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THE UNIVERSAL CAR

Touring . . . \$595
Coupe . . . \$770
Sedan . . . \$970
Chassis . . . \$535
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G. H. Richardson, Tamworth.
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