

Ford

ONE-TON TRUCK

The Ford One-Ton Truck brings down the cost of delivery and hauling to a sensible figure. First cost is low. Operation and maintenance costs are low. Few items can afford to cling to the old costly ways of hauling and delivering goods.

If you have a delivery problem, if you are paying cartage bills, learn now what the Ford Truck will save for you. Solve that problem. Let us show you a Ford One-Ton Truck. We have them complete with body and enclosed cab.

PRICES F.O.B. KINGSTON
Ford One-Ton Truck, Chassis only \$774
For either Stake or Express Body in lead coat, with cab but without doors \$1150
If painted job desired add \$4.00
If doors desired on cab can add \$5.00

VAN LUVEN BROS.
34 Princess Street Phone 1809

Don't For Your Storage Battery.

The motorist who will examine the battery of his car regularly every week and heed the following instructions, will continue to receive satisfactory service from his battery day after day, says T. G. Breen, dealer in Chevrolet passenger cars and trucks.

Don't allow your storage battery to stand in a discharged condition for any length of time. Should the battery, for many reasons, become discharged, have it fully charged at once at the nearest garage or charging station. A battery, when in a discharged condition sulphate rapidly, making charging extremely hard and in time entirely destroying the elements.

Don't allow dirt, water or any pieces of metal to come in contact with or remain on the top of your battery. Inspect regularly and keep clean. Don't continue to crank your engine with the starting motor if it does not start after a few revolutions. Something is wrong with your ignition system or carburetor. Locate and remedy the trouble before again cranking the engine. Just turning the engine over will not help you start, but it will exhaust your battery if continued for any length of time.

Don't forget to turn "on" the ignition switch before attempting to start the motor. Don't forget that you must restore the battery whatever current has been withdrawn for starting. It requires about twenty times as long to restore current to the battery as it takes to remove the amount in starting the engine.

Don't turn on all the lights of your car and leave it standing for several hours. Conserve the battery supply by using only such lamps as are absolutely needed to prevent accident.

Don't allow the battery to become loose on the brackets.

THE MOTOR CAR OF THE FUTURE

Looking Ahead to the Ideal Vehicle—May Not Be Gasoline Driven.

The automobile of the future will be weather-tight. Of course, there will always be as many, if not more, body models, but they will all tend towards one standard. And this standard model will be a weather-proof affair. Probably all glass sides, front, rear and roof.

The glass sides will come down, of course, for warm weather. Curtains inside will help keep off sun when shade is wanted. But frames, instead of being of heavy wood or metal, will approximate the framing now used on most modern glass showcases. If malleable glass is ever made, the frame may be dispensed with, but this story cannot go.

The power plant of a car will be under the body, or on or near the rear axle. Now wait a minute. A thousand gasoline engines are about to rise and call me wicked names and tell me it can't be done. I dare say it can't, with a gasoline engine.

But who said the car of the future was to have a gasoline engine? There is at least one comparative new development in the steam car field which does this very thing—

puts the power plant where it belongs, close to the rear axle, thus dispensing with the long shaft, the universal, and their likelihood of breaking and wearing out, and their power loss.

Electric automobiles of the present all have their power plants on or near the point of power application. One truck which drives from left to right, and at least one front drive passenger car, show that some engineers appreciate the real source of power and the place where the power is applied as close together, not as far apart, as possible.

The car of the future won't leave anything to be done by man power. In a few years, foot brakes will be things of the past, except on cheap cars. Why should man exert muscle to stop a car any more than to start it? What's that great brute of an engine idling under the hood for? And in the near future the car with the steering wheel will be as obsolete as the car with hand pump for gas or oil to-day.

The car of the future will have no such thing as "driver's seat." All the seats in the car, except one, will be movable. Driving will be done by a small control board which can be held in the lap. It will be connected to the mechanism by a flexible electric cable.

A small finger lever, not a wheel, will guide the car. Another will attend to speed changes, buttons will light and warm the car, blow the horn, apply the brakes, everything. The driver will sit right or left, as he pleases, or even on country roads in the rear seat. Driving then will be what it ought to be, not a physical, but a mental exercise.

This is no wild guess, but the inevitable end of practice foreshadowed in the present developments. We have with us now, for instance, the push button, electric gear shift. It displaces the manual work of moving around a set of gears, and does labor electrically, with energy stored in the storage battery by the engine. Of course, the car of the future will be without gears—but that is not the question.

Steam or electric steering has displaced hand steering on all the large ships, so why should the motorist sit humped over a much-in-the-way-of-your-comfort-wheel, when your engine can supply the muscle, and all you need to supply is the brain?

Government Sells Tractors

The Department of Agriculture of Ontario has some seventy tractors on hand which are to be sold at a reduction of 10 per cent. to all returned men who are bona-fide farmers. These tractors were purchased by the Government for plowing, and used in the greater production campaign last year, but now that the emergency for production has passed, there is no further need of the tractors by the Department of Agriculture. Hence it is that the reduction of 10 per cent. is being offered to returned men who are farmers.

Cylinders—Cast En Bloc

Practically four-fifths of all the designs produced have the cylinder cast in block. The exceptions to this usually have some other reason rather than foundry practice for so doing. There are two air-cooled engines on the market now, and they, of necessity, have to use individual cylinders. All of the V motors have the cylinders cast in the same manner, although in a few of the designs the block consists of only three cylinders, instead of six or four.

Newest Notes Of Science

South Dakota led the states for wild hay last year, harvesting 3,232,000 tons.

One city in England waters its streets entirely with electric sprinkling wagons.

Hinged rear feet on a new straight chair permit it to be used much like a rocking chair.

Discoveries of deposits of talc, or soapstone, have given a new industry to South Africa.

For the convenience of travellers liquid soap is being packed in easily punctured capsules.

The oil fields of Algeria will be exploited by a company that is being formed in France.

An inventor has mounted a cutter for railroad rails on a turntable for use in crowded shops.

After falling many times Italian engineers have successfully bored an artesian well in Tripoli.

The deadly phosgene gas has been found valuable for bleaching sand for use in making fine glass.

Japan is utilizing the crater of an extinct volcano in which are many hot springs as a sanitarium.

To permit soft coal to be used in hard coal base burner stoves is the purpose of a new attachment.

India is reviving its ancient industry of building wooden ships, using timber from its vast forests.

A recently invented kerosene torch for thawing ice, frozen in cars is powerful enough to weld metals.

The smallest known bird is a Central American hummingbird that is about as large as a blue bottle fly.

A new current regulating attachment for any incandescent lamp gives it a range of twelve different intensities.

Fibers used in textiles and cordage have been extracted by a Frenchman from the water hyacinth of Indo-China.

Detecting the presence of gasoline fumes in sewers is the purpose of a new lamp which normally burns hydrogen.

Experiments in Japan with the cultivation of flax have obtained the best results when Belgian seed has been used.

An inventor has patented a broom with a resilient handle with the idea that it will last longer and be easier to use.

Spain is studying its extensive deposits of peat with a view of utilizing them for the production of gas and electricity.

A recently designed bed for automobile tourists consists of a rope bound canvas sling on which the cushions of a car are laid.

Motorboats equipped with mowing machines are used for gathering papyrus for manufacture into paper pulp by a plant in Zululand.

By the use of a new motor driven machine old concrete sidewalks and roadways can be crushed so the material can be used in new ones.

Using only bamboo, Dutch engineers have built a bridge in Java more than 100 feet long and with a central span of more than 60 feet.

Easily adjusted reducing valves have been invented to permit high pressure fire hydrants to be used for streams of ordinary pressure.

A patent has been granted the Spanish inventor of a process for utilizing banana fiber instead of hemp and jute in textiles and cordage.

A crib for babies has been invented that folds so compactly that it can be carried about and used by tourists in an automobile or hotel room.

English scientists have decided that passing electricity through freshly cut timber makes it more resistant against decay and fungus growths.

On the principle of the old-fashioned bullet mold is a mold for recasting on an iron handle the head of a lead hammer that has been battered.

Practically all the equipment for wireless stations that are to be erected in remote parts of China will be carried to the sites by aeroplanes.

A recently designed motor scraper to build roads or clear them of snow has two small scrapers in front of the fore wheels to give them good traction.

A dive to a depth of 262 feet in the sea by a Greek sponge fisherman is believed to be the world's record for a man unprotected by diving apparatus.

Using a single rear wheel for steering, a self-propelled threshing machine has been designed, supplied with power by a 40 horsepower kerosene engine.

A Spanish engineer has invented a straw compound fuel which is claimed to have advantages over coal when used in locomotives and agricultural tractors.

Adjustable frames to fit heating radiators have been invented which can be covered with any desired material to exclude dust from the radiator crevices.

Though French scientists have constructed the world's most powerful electro-magnet it is so expensive to operate that its use is limited to laboratories.

Geological survey estimates of 245,500,000 barrels for petroleum marketed in the United States last year indicate the establishment of a new high record.

Experts are investigating Sweden's alum shale deposits for the government in the hope of obtaining illuminating oil, sulphur and other products therefrom.

Carbonator, storage tank, cooler, dispensing faucet and rack for glasses are combined in a new space saving device for places in which beverages are sold.

Seaweed is being used in England as a binding material in concrete building blocks made of crushed slag and other heretofore neglected mineral products.

A Chicago man is the inventor of portable apparatus for lifting patients from hospital cots without disturbing them and moving them from room to room when necessary.

FORD CARS FOR SALE
CARS FOR SALE OR TRADE
Central Garage
Bert Stansbury

Stop! Look! Listen!
Is the new international signal board for railway crossings. But, do you ever Stop, Look and Think of what is best to do when you have a breakdown either with your Automobile, Motorboat or other machinery.
We can help you if you will consult with us.
If satisfactory repairs can be made we shall be pleased to do them for you.
If new parts are required we shall be only too glad to procure and fit them for you.
We do all kinds of OXY-ACETYLENE WELDING, OXY-CUTTING, etc., and can guarantee our work.
Gasoline engines, Propeller wheels, Spark coils, Plugs, Batteries, etc. Give us a call.
Davis Dry Dock Company
East End of Wellington St., Kingston

Feed Chicks Right
They develop twice as fast.
Purina Chicken Chowder and Purina Chick Feed will develop chicks into broilers for market faster and bring them to the egg-laying period much earlier than ordinary feed. Purina Feeds are adapted to young chicks, and give perfect development.
PURINA CHICKEN CHOWDER AND CHICK FEED
Purina Chicken Chowder and Purina Scratch Feed are guaranteed to make hens lay more eggs.

The Veiled Future
In all ages men have sought to pierce the veil of the future—but in vain. In their failure they have used the wisdom and means of the present in order to provide for the uncertainties of the future.
The allied nations through their representatives at the Peace Conference are devoting all their power and wisdom to the end that there shall be provided ample guarantees against the calamities of future wars.
The principle of future protection that is actuating the nations in their concern for the welfare of posterity is but a magnified example of that principle which inspires a thinking man to provide for his dependents by means of life insurance.
Men properly accept this responsibility for the welfare of their dependents as a matter of course—so long as they are alive and able to provide. Does not this acceptance of duty entail responsibility for the time when these loved ones may no longer have a bread winner?
The Mutual Life of Canada will gladly send you particulars of its many different plans of insurance. Whether your income be large or small there is a plan to meet your requirements.
The Mutual Life of Canada WATERLOO
S. ROUGHTON, District Agent Kingston, Ont.

The stand for a new electric flat. The government of Formosa is from automatically disconnects the planning the establishment of one current when the iron is placed up-of the greatest hydro-electric plants on it, the current flow being resumed in the Far East, capable of supplying 130,000 horsepower and serving according to a British scientist the entire island.
The first brewery in the Society ending more than 3,000 individuals, islands has been built, mainly with left handedness is inherited, often materials and equipment from the through several generations. United States.

Dartridge Tires
The Motorists Friends
Tried and proven under all conditions. Together they have travelled many rough roads and earned the reputation of—Dependability.
Partridge Tires—better than the best.
EDWIN CHOWN & Son, Kingston, Ont., Distributors



Success—and the Reasons
Reo is one of the recognized successes in the automotive industry. And Reo success is more than merely financial. That alone would not constitute success as we understand it. Reo has paid big dividends to owners of Reo cars—more millions have been distributed in the form of increased efficiency—earning capacity—and in savings of operation and upkeep.
More and more we are learning that only those concerns that perform a better service for the public are entitled to survive. Selfish concerns—those enterprises which are conducted only for the benefit of owners and whose policies are narrowed down to that viewpoint—are under a ban of public opinion. Nor can such enjoy a lasting success—however great the earnings in the first brief period of years. Reo success has been progressive. It has shown a uniform growth from the very beginning. Each year has shown a remarkably even relative increase over the preceding year. It has been the steady, sturdy growth of the oak—that is why Reo has easily weathered the storms that have swept away many of faster—but flatter—development. From the first the Reo policy has been right. That policy looked to a moderate growth with later fruition—not to immediate big dividends or immediate big dividends. From the first the Reo policy has been one of quality first. Never ambitious to make all the motor cars but only the best. Reo early succeeded in establishing a reputation that always has been the envy of less foresighted rivals. Although an annual turnover of thirty millions of dollars places Reo among the few great manufacturing concerns of the world, yet we never have boasted of the quantity we produce. For quantity is secondary in our plans. We never have and never will make more motor cars or motor trucks than we can make and feel sure that each Reo will be as good as the best Reo that ever left these shops. Adhering to that policy, we feel confident that Reo success will continue in the future as it has in the past—a well rounded, well deserved success—because based on the fundamental consideration—service to the public.
Reo Motor Car Company, Lansing, Michigan

George Boyd :: Local Agent