

AUTOMOTIVE SECTION

FIX GLASSES ON HEADLIGHTS

Vibration of Car May Cause Looseness of Lens and Allow It to Creep Out of Position.

Many of the light diffusing devices now popular are designed to operate when in a certain fixed position. Vibration may loosen the glasses in their rims so that the whole lens creeps around and the diffusing properties are lost. Some of these glasses have a means of anchoring them firmly in place, but others have not, and it is up to the car owner to see that they are properly in place. Screws may be used for fastening them and a lock washer should be inserted under each of them.

AUTOMOBILE NEWS

Motor car production is to be undertaken in Australia, to supply a light, medium-priced car which can withstand hard usage economically.

Inclosed side-car motor taxis are effectively operated in London and Paris at a low cost, reasonable rates, and easily handled in crowded traffic.

As arrival of the automobile among the finished products in the United States, the finished articles in men's and women's clothing are second in line.

AUTO JACK THAT WORKS QUICKLY

Prolongs Life of Tires by Taking Off Heavy Load While Car Is in Garage.

CONSTRUCTION VERY SIMPLE

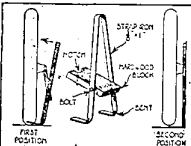
Once Made and Put to Use Set Will More Than Pay for Themselves in Few Months—Illustration Shows Operation.

It is possible to prolong the life of automobile tires if the car is jacked up as often as possible when not in use. During the night, and at other times when the car is in the garage, which usually represents more than half of the time, the car might just as well be raised from the floor, saving that much weight on the tires. Extra load is not only removed from the tires, but any tendency toward flattening of the shoe and making its wearing qualities uneven is lessened considerably.

Pay for Themselves.

A set of home-made jacks will not take long to make, and once made and put to use, will more than pay for themselves in a few months.

The construction of the jacks is simple. A six-foot length of strap iron three-fourths inch in thickness and one inch wide is required for each jack. This is bent nearly double in the center, and each end provided with a right-angle turn and four inches turned to slightly more than right angles with the length of the jack. A block of wood, preferably



These Four Jacks Will Relieve the Tires of the Weight of the Automobile.

hard wood, is cut from a 2-by-6 about 10 inches in length, and a notch cut in one end as shown to fit the under side of the wheel-hub. This is then bored for a one-quarter-inch bolt six inches from the other end and holes to match drilled through each side of the jack at a height which will place the bottom of the notch on a level with a point about the center of the wheel-hub.

How Jack is Used.

The illustration shows how the jack is used. The first position shows the feet of the jack placed tight against the tire with the notch of the wood block against the under side of the wheel. When the top of the jack is pushed in toward the wheel, the action raises the wheel about two inches and transfers the weight from the tire to the hub. The feet afford sufficient bearing to enable the car to stand rigidly when four jacks have been applied and receive all possibility of its shifting to one side and back to the floor—*See Van Horn in Popular Science Monthly.*

AUTOMOBILE GOSSIP

A 34 by 4 tire in going 5,000 miles revolves 5,871,940 times.

Automobiles in North Carolina represent an investment of \$140,000,000.

New York city now has 1,103 automobile dealers, an increase within a year of 35 per cent.

The Savannah Automobile club in Georgia is planning to hold motor car races once a month.

Do not clutch the wheel with a vise-like grip. It is not strength which guides the car, but sureness of hand.

Colorado, with a registration of 128,651 motor vehicles, averaged a consumption of 209 gallons of gasoline per car last year.

Saskatchewan, with a total of 60,352 automobiles and 424 motorcycles, now stands second in Canada, in regard to the number of registered motor vehicles.

While the Automobile Club of Rochester, N. Y., is one of the largest motor clubs in the country, plans of a membership campaign are under way to boost the roll to 10,000 members.

Because of perfect year-round conditions, motor vehicles in Florida consumed on an average of 942.7 gallons of gasoline last year. The average consumption in the United States is 450 gallons.

Arizona, Illinois, Kansas, Michigan, Nebraska, Rhode Island and Vermont have adopted black and white as a color combination for 1921 automobiles.

Ford

THE UNIVERSAL CAR

What The Ford Ton Truck Will Do.

THE Ford One-Ton Truck offers an efficient dependable delivery service at the lowest cost. Thousands of owners; wholesalers, retailers, farmers, transfer and baggage companies, ice and coal dealers, public service corporations—all have learned of the "delivery cost-cutting" Ford. It does the work of several horses at a very greatly reduced upkeep and operating cost.

The light but strong steel frame, the ever-reliable Ford motor, the powerful aluminum-bronze worm-drive, demountable rims and pneumatic tires both front and rear, all combine to make the one-ton Ford the truck of flexibility, reliability and utmost service with lowest first and after costs. Our Ford service organization—right at your elbow, with complete stocks of genuine Ford parts, special equipment and Ford mechanics—insures full-time service from your Ford truck all the time. The demand grows—orders should be placed without delay. Call or write for free illustrated booklet, "Ford—A Business Utility."

O. RUSSELL

Ford Sales & Service

Farlington, Mich.

Phone No. 113

Fordson

TRADE MARK

Farm Tractor

There is only one model of the Fordson tractor. Henry Ford knows the wisdom of concentrating every energy on one model; his genius has been centered on building just one compact, easily operated tractor—a tractor useful on small farms or large farms, field work or belt work—and that will cost the least to maintain and operate.

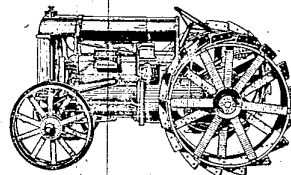
Henry Ford & Son have specialized—they have made one tractor and made it well. That means lower manufacturing costs and a lower selling price for tractor parts, and a most serviceable, reliable tractor.

It means that the Fordson dealer is able to carry a goodly stock of tractor parts, and that he can give prompt, efficient service to the Fordson farmer. The Fordson, like the Ford

car, is a utility for use during the entire year.

The demand for Fordsons is far greater than present production. Place your order now—if you delay, you may not be able to get your tractor when you want it. Order now—it is your protection.

Made by Henry Ford & Son and sold by



O. RUSSELL

FORD SALES & SERVICE

FARMINGTON, MICH.

PHONE 113.

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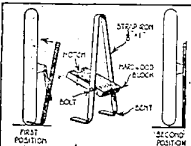
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Farm Implement

Prices are Falling

Take Advantage Of Them

10 PER CENT CUT ON ALL MACHINERY NOT AFFECTED BY MARCH 1ST CUT, SINCE THE REDUCTION OF THE PRICE OF STEEL.

WE ARE NOW GIVING YOU THE ADVANTAGE OF THESE CUTS AND IT WILL MORE THAN PAY YOU TO SEE US BEFORE BUYING ANY PIECE OF MACHINERY.

WE ARE IN A POSITION TO SUPPLY YOU WITH MOLINE AND OTHER MAKES.

SPARE PARTS AND REPAIRS ARE OUR SPECIALTY.

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FARM IMPLEMENTS.

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"Whitest Service On Grand River."

AUTO SUPPLIES AND LUBRICANTS

Vulcanizing, Tire Repairing and Battery Service
Ford Magneto Re-Charging

Authorized "VESTA" Service Station

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