

GEORGE I. COOK General Blacksmithing HORSE-SHOEING A SPECIALTY Michigan. Farmington.

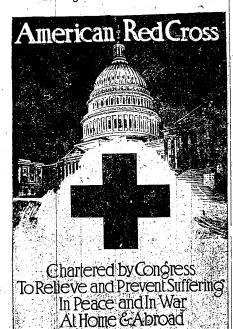
BEST TIRES AT BEST PRICES

U. S. TIRES-PLAIN-USCO-KNOBBY-CORD GOODRICH

BUY YOUR TIRES NOW

FORD SALES & SERVICE

Striking New Red Cross Poster



ALFICING CAADIOGO

TIRES HELP MAKE GOOD CI

Appearance of Machine is On Married by Appearance of Machine is On Married By Appearance of the Capitol at Washington, upon which is superorganization to do more the Capitol at Washington, upon which is superorganization to do more the Capitol at Washington, upon which is superorganization to do more the Capitol at Washington, upon which is superorganization to do more the Capitol at Washington, upon which is superorganization to do more the Capitol at Washington, upon which is superorganization to do more the Capitol at Washington, upon which is superorganization to do more the Capitol at Washington, upon which is superorganization to do more the Capitol at Washington, upon which is superorganization to do more the Capitol at Washington, upon which is superorganization to do more the Capitol at Washington, when the superis the work of Pranklin Booth, a New York artists of wide recommendation of the interesting parts to the casting the superis the work of Pranklin Booth, a New York artists of wide recown. It will be
entally the displayed throughout the country during the Roll Cull period, Armistice
in the work of the Capitol at the Cap

You Auto Know

You Auto Know

That the slightest lace of alignment in the steering wheels will cause there to wear on long will cause there to wear on the steering wheels will cause there to wear on the steering wheels see been secured. This trouble has been secured. This trouble is usually due to slight collisions or even failure to avoid holes in the road. The strain hends the equalising rod and the wheels are thrown out of true—possibly not enough to be seen with the unaded eye but apparent when measurements are taken. As a result of this, one or both tires "grind" with even revolution of the wheel are revolution of the wheel and the revolution of the wheel and the tree which is not protected by the heavy tread.

The remedy and also the prevention of this is to, have the front wheels inspected regularly and to keep a constant watch upon the tires to see that they are wearing evenly and that this wear is beling taken up by the tread. Replatable the manufacturers guarantee their produce the so that they wish they ought to deliver and the year majority of failures to secure this infletice are due to the carelessness of drivers, inther than to faults in the lires themselves.

(Capyright, 1922, by The Wheeler, Special and the san majority of failures to secure this statement of the secure of the wheeler, special can be a secure of the wheeler of the secure of the whole o

(Copyright, 1922, by The Wheeler, Syndicate, Inc.)

PEDAL CONTROL IS ASSURED

Device Illustrated Will Prevent Foot From Bobbing Up and Down on Accelerator.



Steady Foot Control. .'

This air control device is made, remedy that and steady the flow, gasoline. The large pedal reating in the accelerator has an air cylind, operating over a piston attached the toe board. It can be adjusted any car with pedal control.

QUALITY OF OIL IS IMPORTANT

Poor Lubrication Generally the Cause of Excessive Pilen . Friction.

REDUCES POWER OF AGINE

Unbroken Oli Film Should A Vays Be Maintained Between Pistr and Cylinder Walls — "Thin ng" Dutrimental to Vital Pa is.

Dutrimental to Vital Pa in.

It is not generall arealized how much the useful power of an eng he is recoved by the friends of its passon upon their cylinder lais. Namid mention from the first had been recovered by the free of the cylinder lais. Namid mention in the whole car said, if it becomes aborned in manufacture of the cylinder lais of th

with extensive respiting wear.

To secure perfect pistory sphrication and thus to minimize frictic apit as established that there should all are should all the security of the minimize frictic apit as established the security of the minimize the security of the minimize the security of the security of

upon them and entering the CTRING-CAL-below.

The precautions recessary to be tak-in are to use duly-oil of such heat-de-bisting quality and such initial viscol-ity as shall not become watery at the highest allowable engine temperature and, fürthermore, to renew the oil sup-ply before it becomes objectionably thined, by the addition of unburried gasoline componence.

You Auto Know

You Auto Know

That if engine trouble nevelops which is not easily diagnosed, the chances are that the platon rings are at fault and it is therefore always well to examine those before delving further into the more delicate parts of the mechanism.

This may be dobe in a manner sufficiently accupate for \$\circ\{\text{print}\}\$ and the eight parts of the mechanism.

This may be dobe in a manner sufficiently accupate for \$\circ\{\text{print}\}\$ and it the eight parts of the fine plants of the plants of the plants of the mechanism of the minute or twiminus cost, to start from the continuous of the plants of the plants of the continuous properties of the continuous pression will leak out past faulfy biston tings, while it will held by those which are properly fitted. In this connection, the walves must also be considered, for if they leak, it is almost life, between the plants of the continuous properties and the plant rings should be tested, however, before one commences to third with the delicate mechanism of the carbon mech

automobile news ,

Test the valve springs for strength.

Keep spark well advanced and save

You Auto Know

You Auto know

That, in addition to the vistible and external parts of the
car which are marked with
great and the control of the
which are marked with
great and the
interpolation of the
sund the like—there are also a
number of other places which
should be watched, particularly
as these are out of sight and
may therefore be easily forgotten. One of the most impotant of these is the "universal
joint," where the load is very
heavy and practically continuous.

bonn where the presence of the constructed but the housings which cover this joint may be filled with heavy ill. and then loter alone for an indefinite period, depending upon the average mileage the car. But this oil, like sther lubricants this out is timed also becomes clogged with dust and particles of weld from the working parts. Care should therefore be taken to see that it is changed regularly, for dimage to the universal joint memas a considerable extended the construction of pairs.
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AUTOMOBILE NEWS _

and a sponge.

. Soft water or clear rain water is best to use in the cooling system of the engine. . . .

The varnish of a new car is benefited and hardened by washing with clear, cold water.

An excellent lubricant for small and exposed parts is a mixture of half and half engine oil and kerosene.:

When grinding valves, be careful not to let particles of emery get into the cylinders.

An overloaded or an underinflated tire heats more rapidly than a prop-erly loaded or properly inflated tire.

, When a car has been standing idle for some time drain the float chamber of the carburetor. This will get rid of any sediment or water.

It is customary to overhaul a motor at least once a year. The valves are ground, carbon removed, bearings re-fitted and worn parts febushed or replaced. Wood That Will Not Float.

Circassian walnut is heavier than water and will not float.

Algebra's Original Meaning

Algebra is an Italian word derived from the Arabic al-jobr, meaning the reunion of broken parts. It was in early use in the sense of bone-setting.

RED CROSS PUTS UP \$9,739,872

Year's Budget Stresses Relief and Services at Home and Overseas.

MILLIONS FOR VETERAN AID

Over \$3,000,000 Allotted to the Disabled-Foreign Work Lessens.

Washington.-Expenditures totaling Washington—Expenditures totaling \$\text{9.738.972.47} for carrying through its program of services and relled during the fiscal year in the United States and overseas are authorized in the budget of the American Red Cross, ef-fective July 1, 1922. This total is \$2, 735.975 less than the expenditures for the last fiscal year, when disburse-ments reached \$12,475,847.69, it is an-nounced at National Headquarters in a statement emphasizing the necessity a statement emphasizant the precessing of continued support of the organization by eprollment during the annual Roll Call, November Li-November 20 inclusive. This total for the budget is exclusive of the large financial operations of the 3300 nettive Red Cross Chapters, which, it is estimated, will more than double the total.

Red Cross foreign rellef program.

Prapared for Emergeneles

For disaster relief the Red Cross
has set saice \$750,000, and for emergeneies in Chapter work \$500,000 at or
to be available for domestic, insular
and foreign demands. This is more
than \$305,000 above last year's expendittres. For service and assistance
to the \$3,000 Chapters and their
branches \$1,203,000 is provided by the
National organization.

Other budget items of importance
in the domestic program include \$200,

branches \$1,293,000 is provided by the National organization. Other budget items of importance in the domestic program include \$200,000 for assistance to other organizations; and education substitutions for discussions of discussions of the control of the contr

THE RED CROSS
SUPPLEMENTS
OVERNMENT SERVICE
BY MEETING THE
PARTICULAR NEEDS
OF THE INDIVIDUAL
IEX-SERVICE MAN.
THIS WORK CANNOT.
GO ON UNLESS YOU
SUPPORT IT WITH
YOR MEMBERSHIP
DOLLAR DOLLAR PAY UP TODAY