THE DAILY CAPITAL JOURNAL, SALEM, OREGON, SATURDAY, JULY 19, 1919.

ECONOMIC NECESSIT

Growing Popularity Of Auto-

mobiles Emphasizes Vital

Need

"The growing use of the automobile as a medium for both business and

pleasure has emphasized the tremen dons need for better highway legisla-

tion " says Lee L. Gilbert, distributor for the Elgin Sir. Mr. Gilbert rentin-"When it is recalled that 6,100,000

motor vehicles were registered in our

48 states on January 1st, 1919, it will be seen at once that we are rapidly com-

ing to a period when automobile travel will be almost universal in this coun-

try. Up until this time all the federal aid projects which have assisted the various states in the construction and

maintenance of highways have niways been scattered over a number of di-verse units of roads not connected, in

most cases, with any main system. The result has been that while we have

stretches of improved highways in ever,

state that these have been constructed

near settlement.

NATIONAL HIGHWAYS

PAGE ELEVEN



Has been established beyond all question. Many other cars have come into competition with the Ford---The high cost of operation, arts and service has put them in the discard.

#### A WONDERFUL RECORD

There has not been a Ford on\_our Sales Floor for over one year---Nevertheless they have proven theils ever-increasing popularity. Wise buyers are willing to wait their time.

#### CONDITIONS ARE CHANGING

The Ford factory has incrased its production to meet the demand and we can give August delivery on practically the entire line---Roadster, Touring, Sedan, Coupe and Truck.

> PLACE YOUR ORDER TODAY We have a number of Good Snaps in

Second Hand Fords alley Motor Co.

SALES AND SERVICE

×

x

10

### The Life Of Your Car Depends Largely On **Correct** Lubrication

It has long been recognized that ma-chinery of every kind must be lubricated with oil of a particular consist-

needs of the engine in which it is used, worn parts are likely to be the result.

ports. Realizing this, the Standard Oil heating.

company established a board of lubriention engineers that has determined by exhaustive study and netual tests the correct consistency of Zerolene for ev-

FORMERLY

VICK BROS

ery make of automobile. -The results of the experiments and test of the board of lubrication engineers have been embodied in a series of correct lubrication charts and a separate chart has been prepared for each make

The same is true of automobile en- of car. The wise motorist will do well gines. Unless an oil meets exactly the to follow these charts implicitly if he would get the mest out of his car.

### When Water Pump Fails

And worn parts are likely to be the result. And worn parts mean the ever present danger of a break. It is certainly cheap-er in the end to buy good lubricating oil of the correct consistency than to buy new parts. To specify the correct grade of oil for every type of e gine is the work of ex-perts. Realising this the Standard Oil heating.

send bill in the United States senate. INTERESTING HORSE Massachusetts Autoists POWER FACTS CITED

## Ford Develops Maximum Of

weighs 3000 pounds in touring form, has crease of \$331,817.11 or 29 per cent. The an engine that develops 44.3 brake horse highway commission officials say that power at 2200 revolutions per minute," within the rest of the year to register says a writer is a recent issue of Motor vehicles the total will be at icast 72, 500,000 for 1919. There had been issued the national magazine of motoring. This 113,000 plates for cars so far this year.



funds appropriated to the various states rests entirely in the hands of the officials of the states and naturally they are more interested in the needs of their respective states than in any Senttle, Wash., July 19 .- Six Lusky war veterans, eager for adventage in coping with a bold gang of fish trap pirates, now operating in northern waters, and undaunted by the dangers of their mission, have sailed for southeast-

of their respective states than in any national necessity. Of course improv-ed roads, no matter where constructed are of value but if all the appropria-tions were expended with no regard to the pressing need for a national thor-oughfare, it would be a fatal mistake. "Furthermore, no state department is equipped to care for this need. A na-tional highway system, such as that pro-of Alaska e Should this small army of voterans, o operating with a vigilance committee tional highway system, such as that pro-vided in the Townsend Bill, is serious- apprehend the perpetrators of fish trap tional highway system, such as that pro-vided in the Townsend Bill, is serious-ly needed and not until such a plan is in operation under a Federal Highway is operation under a Federal Highway submarine chasers to patrol southeast. ern Alaska seas. Operations of the fish

 Construction of the interstate routes and their maintenance by the deepest and their maintenance by the deepest and their maintenance by the deepest and their maintenance by the Townsend States and their maintenance by the Townsend States and their maintenance by the deepest and their maintenance by the Townsend States and their maintenance by the deepest and their maintenance by the deepest and their maintenance by the Townsend States and their maintenance by the Townsend States and the deepest and their maintenance by the Townsend States and the terreful consideration of the Townsend States and the terreful consideratio birates began two months ago. In the Juncau district and advices received by Scattle mariners and cannery officials is now holdly rifling traps as far south as Ketchikan, resulting in the loss of thousands of dollars. Bend Country To Be Tapped By Railroad From Trisco

ost careful consideration of the Town.

Bend, Or., July 19 .- San Francisco will benefit over Portland through an announcement of pending railroad con-struction made here.

Pay \$1,500,000 In Taxes J. W. Poster, construction engineer of the Myler Construction company an-

A striking example of the amount of control of railroads ends, probably in September, the company will build from Mount Angel, on the west side of the cascades, to Bend, by way of Sisters From its auto taxes from its auto taxes from its auto taxes howing the amount of money which that state rentizes from its auto taxes howing the account of the cascades, to Bend, by way of Sisters From Bend the railroad will give a reached \$1,522,786.96. For the same period last year it was \$1,190,902.65, as in order to San Francisco 281 miles shorter than any other line south from Porting.



Bill Spivens and his mush hound "Steve." Steve is a Parisian mush hound Square Of Canvas In Tool

Yes folks my "Chevrolet" is light enough

so as to be easy on tires and fuel and

9h! It was a Chevrolet 6

which saved Miss Gasoline

heavy enough for safely under

Bill-Spivens (

all road conditions.

was blown 40 feet, receiving a broken Few car owners realize what a con entent accessory is a little square of man of the crew had several tibs brok auves, about 18 inches over all. It saves

the knnes of the trousers when you have "Forget It"-Buy At Home to kneel to get at some inaccessible spot and it keeps the jack from supping or mow or ice. It keeps the inner tube aut of the dust when this part is being inserted by the roadside. It will serve to strain gasoline through. It will keep

and NOT Retreaded or So-called Ke-built Tires. ly no room in the tool box.

Plumbing and Water Systems Installed by GRABER BROS, 141 South Liberty St., Phone 550. Also agent for Fair-banks-Morse Gas Engines



**Special Prices on Cord Tires** 

Goods Shipped C.O.D., Express or Parcel Post, Ma

By the premature explosion of a binst

m the new Pacific highway between

Cow creek and Wolf creek, out man

log and internal injuries and the fore-

Firsts

Notskid Specials Tobas Guaran- Guaran- Guaran toed.

\$11,25 14,25 15,09

19.85

23.80

29.00

teed

\$2,95 2,35 11,85 3,00

3.65 3.73 3.85

3:95

4.95

4.80

4.95

5,10

4.20

1.25

ey Refunded on Gouds Retarned Intact Within 10 Days.

MALCOLM TIRE CO. **Commercial and Court Streets** Salem, Oregon



Box Big Help To Motorist

# The Dangerous Stone Bruise

### How New Methods Fortify This Tire Against It

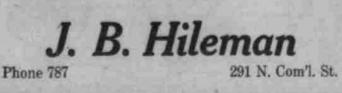
Bruises mean broken inner fabric, and broken fabric mean blowouts --- the ruination of more tires than all other causes combined.

Frequently bruises result from underinflation, but too often they are due to faulty construction and to the shortcomings of ordinary rubber and fabric.

Two Years of Drastic Road Tests Have Proved The THERMOID CROLIDE COMPOUND CASING to be remarkably resistant to the stone bruise. CRO-LIDE makes the tread tougher and the fabric stronger. And it unites the plies of fabric to one another and to the tread in one solid and practically inseparable whole.

> Naturally you pay a higher price for this casing than for avreage tires. But you pay more only at first --- in the end you pay LESS. One THERMOID CRO-LIDE COMPOUND casing will prove this to you.

We ask you to take no risk, for this tire is sold on a basis of 6,000 miles of GUARANTEED service (in Ford sizes, 7,500 miles).



the national magazine or means that the car has one horsepower available for every 63 pounds of weight without passengers. Incidentally, it uses a year ration of 4.35 to 1. Coming to consideration of the chartine. The highest many it was 156,000, so the 1918 figures will be overtaken in a short time. Coming to consideration of the chartine. The highest many is a solution of the chartine. The highest many is a solution of the chartine. The highest many is a solution of the chartine. The highest many is a solution of the chartine. The highest many is a solution of the chartine. The determined is a solution of the chartine. The doctor maintains the girl came is a solution of the court room. Coming to consideration of the anather neteriaties of specific engines, the au-thor finds that "the Ford has an en-gine which develops its maximum horse gine which develops its maximum horse Straight Side Tires Told speed is 2800 revolutions per minute,

speed is 2800 revolutions per minute, which is claimed to be the peak of the horsepower curve of the Cole, Mercer Nash and Oldsmobile. This engine speed is not the highest of which the engine is canable, but that encode the tire in its proper position. The beak of the tire in its proper position. The beak for ten inches on both sides of the valve and after starting the tire in this way speed is not the highest of which the engine is capable, but that speed at which it develops its greatest power. average speed is about 2206 revolutions per minute." per minute."

In figuring out the average brake horsepower, the usual figure is 145 for the F. R. P. is left out of the reckonnes. The lowest power is 20, which is devel- brought into place by means of a screw oped by the Ford, and the bigliest om-mitting the F. R. P. is 85 developed by the McFarian. The average horsepower the wrong end of the rim on top. This method is for use when a rim expe # 44.3. 17

The tabulation showing the ratio of and contracting tool is not available, as horsepower to weight discloses some in-teresting facts. The F. R. P. has the

swest figure of 25 plunds of car weight er engine horsepower, but easting this American Battle Deaths mide as being unusual, the Onkland is owest with only 35 pounds per house power and the Mailsohm highest with 91 pounds per horsepower. The average for all ears is 63.4 pounds.

**Open Cut-Outs Dangerous** 

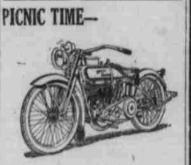
pen Cut-Outs Dangerous To Shell Shock Victims Chicago, July 19.—Authorities in a mber of central west cities have taken eps to prevent motoring with the mutteps to prevent motoring with the mufsteps to prevent motoring with the mut-flers of their motor open. It is declared that the sudden explosions have the same effect as bursting shells and ma chine gun fire on the shattered nerves chine gun fire on the shattered nerves of returned soldiers who are suffering of returned soldiers who are suffering

om shell shock. The authorities say that many shell Mexican Bandits Compe! hock victims who had virtually re-overed have had to return to hispitals

is the result of the sudden "pop-pop of the motorcycle engine behind them.

as the result of the sudden "pop-pop" of the metorcycle engine behind them. Thinning Cement The attention of car owners should be directed to the inadvismbility of thinning rubber sement with ordinary gasoline, which contains too much oil to be safe for that purpose. Oil is a dicadly foe of rabber, High test gaso-line or bisulphide of carbon are the proper agents for thinning rubber ee-ment. Marfa, Texas, July 19.-Mexican banddis, who claimed to be Carranza soldiers, surrounded the Mexican vil-lage of San Actonic, fifteen miles south of Presidio. Texas, Sanday night and impgessed all make citizens of mil-itary age in service, according to ad-vices here today. The bandits also requisitioned all cattle and food applies, holding the papalation of the town prisoners sutif Marfa, texas, July 19.-Mexican bandits, who claimed to be Carranza soldiers, surrounded the Mexican vil-inge of San Actonic, fifteen miles south of Presidio. Texas, Sanday night

to him in a high nervous state and in-sisted on remaining in his office for treatment until an early morning hour.



Hear the irresistible call of In War Numbered 50,000 the open places, to jolly, friendly picnics, to secluded Washington, July 19 .- Deaths from little lakes, tumbling streams wounds received during the war are still occurring in the United States or woodland nooks.

> You will appreciate the rugged certainty of the

### HARLEY-DAVIDSON

jaunts. That will fill your lungs with fresh air and put sparkle back in your eyes. Come and see the new

models today.

Harley-Davidson Motorcycles "The motorcycle that is being talked about"

> HARRY W. SCOTT 147 S. Com'l. Street

# LAIDE Starter Batteries What Does Testing Mean?

"Testing" means to find out the condition of your storage battery. It means MORE than just sticking a hydrometer in your battery---it means to find out if the acid is weak or strong---if the battery is charged or run down---and if there is plenty of solution in the battery. It also means the car owner will be advised how to keep his battery in the best of condition. If you want to know more about your battery and how to get the most service from it--let us get together.



171 South Commercial Street

**Phone 1107** 

We'll Call for Your Battery and Deliver it, too.

Peons To Join In Ranks

driver to use in prying, and care should

be used not to make a mistake and get

nding