

AUTOMOBILE SECTION

EXCELSIOR MOTORCYCLE



ALWAYS MAKE GOOD—Sold on Easy Payments

AL. J. WALZ
LAKE COUNTY DISTRIBUTOR

229 State Street Hammond, Indiana

The Power of Your Dollar

—is determined entirely by the manner in which you use it. A dollar is worth one hundred cents if you use discretion in its expenditure.

You will have no trouble in making one dollar do the work of two if you buy your

Auto Parts and Used Tires

from M. E. Ein. Used material yes, but as serviceable as new parts. See me if you want to buy or sell anything in the auto line.

MAURICE E. EIN

GENERAL AUTOMOBILE SALVAGE.
Office and Yard Calumet and Conkey Ave., Hammond.
TELEPHONE 2728.



Cards on the Table

You can't make any storage battery last forever—that's a fact.

You've got to keep it filled with water and test it, just like a tire has to be kept filled with air, or it will cost you money.

Some day—if you have an ordinary battery—it's sure to have to be re-insulated, no matter who made it.

But—if you'll buy a Willard Battery with Threaded Rubber Insulation, you'll get clear away from the biggest cause of battery troubles. The insulation will probably last as long as the plates.

Drop in and ask us any question you can think of. We're here to give you the kind of help, service and advice that make friends.

ELECTRIC SERVICE STATION

714 Hohman St. Tel. 554
Hammond, Indiana

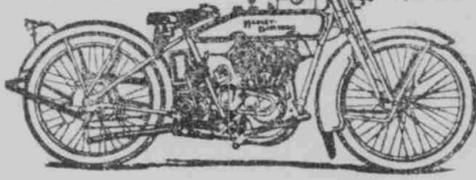


The New Grant Six

Just Arrived also
COLUMBIA SIX
Touring, Sport Model and Sedan
SAXON SIX

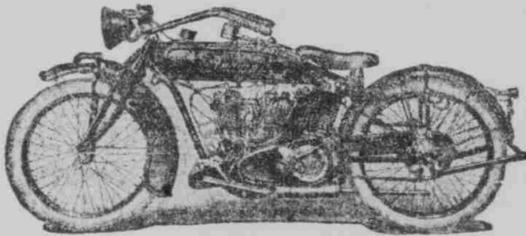
Immediate Delivery
Herrington & Sorensen
99 State Street, near Hohman
Telephone 74

1920 MODEL PRICE \$384



J. E. LEECH

671 Hohman St. Hammond, Ind.



SOLD ON EASY PAYMENTS

SLIGER BROS.

514-16-18 Hohman Street—Tel. Hammond 122

C'MON IN!

'And look over our stock of necessities and comfy articles for this winter's driving.

"Yours for Service"

M. Ilroy Motor Supply Co.
HAMMOND

CADILLAC

—MAXIM—

"It's the CHARACTER OF THE CADILLAC CAR which sheds lustre on the Cadillac name—not the name which confers lustre on the car."

Bohling Auto Sales

Douglas and Hohman. Hammond.
Michigan and Grapevine. Indiana Harbor.

THE QUESTION BOX

HIS BOLICKIN ROD OUT OF POSITION.

Dear Editor of Q. B.—My 1919 pin doesn't seem to hold the bolickin rod in position, which causes great annoyance while the machine is in second speed. What shall I do?
ANSWER—Go to Loganport first. If this doesn't help, tighten up on your wheel base. See if there is a short circuit in your muffler.

QUESTION—My motor knocks when running slow. The bearings are in perfect condition, carburetor is properly adjusted and carbon thoroughly cleaned out of motor, but still she knocks. Please enlighten me in Question Box.

ANSWER—Your motor is probably out of time, the spark being too far advanced. You might have a sloppy piston or your piston pins might be loose. If so this would cause knocking. It is also possible your cam shaft may have end play, which could cause knocking. Check up on these points and if you still have knocking would advise you to see the dealer who sold you.

QUESTION—Since cold weather started I experience difficulty in shifting my gears. It requires considerable effort to get them in place. What could cause that condition?

ANSWER—Owing to colder weather you evidently have been using grease in your transmission which is O. K. for summer but not for winter. Would suggest you add one quart of lubricating oil or clean out transmission and use 600-W or transmission oil.

QUESTION—I purchased a new car recently and my transmission is noisy. Please tell me in Question Box what can be done to remedy this.

ANSWER—Who will furnish the answer for this?

QUESTION—There is a hum in my differential. The trouble came on gradually. Car is two years old now. Please offer suggestion in Question Box.

ANSWER—The differential bearings may be slightly out of adjustment. Adjusting this properly is a tedious job and requires a man who understands it thoroughly. But to properly set the pinion and bevel gear must mesh flush with about ten-thousandths of an inch play.

QUESTION—(1) I have an old model Harley-Davidson motorcycle, 1915 model twin. The solder inside the gas tank keeps falling off and plugs up my gas lines. I have cleaned my tanks three times in the last two months, but I still have the same trouble.
(2) Can I remove the carburetor and manifold without loosening a cylinder on the machine?

ANSWER—(1) We would suggest that you just watch this machine carefully after you have made sure that the tanks are thoroughly cleaned. To clean the tanks properly they should be removed from the motorcycle. Take off the filler caps and shake the tanks back and forth. If there is any loose solder in them it can be heard. Loose solder can then be dropped out of the filler holes in the tanks.
(2) The carburetor and manifold can be removed from the motor without the necessity of loosening the cylinders. To remove the carburetor and manifold as one assembly, disconnect the gasoline pipe and the throttle control. Then loosen the manifold backing nuts (these are the two nuts toward the nose of the manifold). The short two hexagon nuts are nipples, one end of which screw into the cylinders. Turn these nipples entirely out of the cylinders and you can take out your carburetor and manifold assembly. All these threads are right threads. If you wish to remove the carburetor from the manifold you will find that the nut clamping the union which is secured to the carburetor is a left thread.

About Magnetos

You own or operate a passenger car, or a truck, a motorcycle, a motor boat, a tractor, or a stationary gas engine, or even an airplane. No doubt the engine is good.

Yet if you can make this good engine better, surely you want to know how.

First look to see whether it is equipped with a Magneto. If it is, then the rest of this little talk won't help you to make your good engine better, but it will increase your confidence in it.

But, be sure you have a Magneto—lots of people don't know what a Magneto is. Some call the generator of their battery-ignition system a Magneto, which is unfair to themselves and to the real Magneto.

Here is a definition: "A Magneto is the only dependable, self-contained unit that generates high-tension ignition current and delivers it to the spark plugs without any help from, or connection with, a battery or coil."

And why does a Magneto make a good engine better? First, and beyond every other reason, "It's Dependable." And see us for the other reasons.

Auto Electric Equipment Company

701 So. Hohman St. Phone 2343. Hammond, Ind.
Ignition Parts for All Makes of Cars. Experts on Magnetos, Starters and Generators.

ECONOMY IN THE LONG RUN

If you use your car all the time—winter and summer—you are getting 100 per cent service—just what you paid your money for when you bought the machine.

Snodgrass Winter Sides

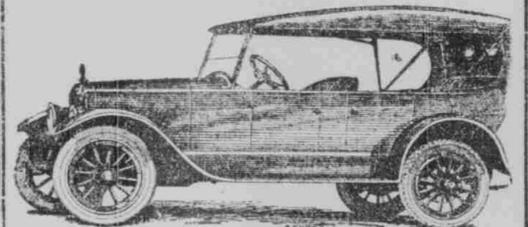
emphasize economy because this very reasonable addition enables you to get that service up to the 100 per cent mark—and you get the comfort and "class" too. Can be used the year over.

SEE US NOW—TODAY

Auto Customs Shop

BODY PAINTING AND TOP WORKS. PAINTING AND TRIMMING.
302-4 EAST STATE ST., HAMMOND.
TELEPHONE 3450.

"New Allen"



1920 Model

Call 386 for Demonstration

O. K. Garage & Sales Co.

TELEPHONE 368

822 Calumet Ave. Hammond

Read the
Question Box
Next Week