By Williamson

-AND USE YOUR CHOKE ONLY FOR STARTING, JUDGE.

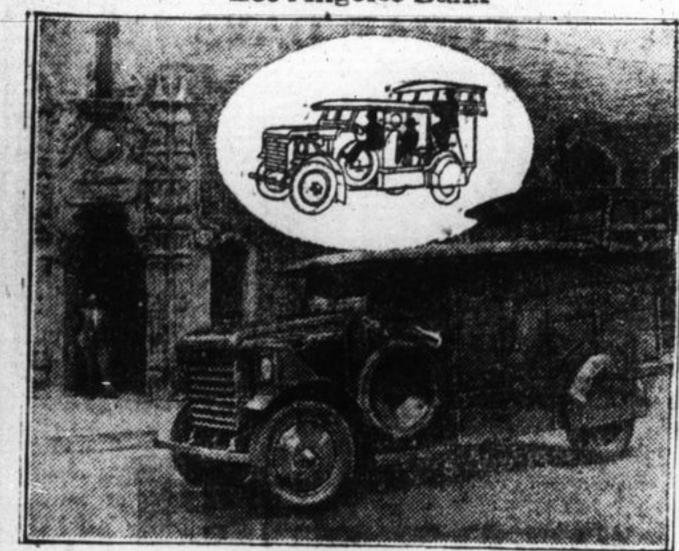
THANK YOU VERY MUCH, GENTLEMEN. I THINK I KNOW HOW TO HANDLE

HAVE A CIGAR!

MY OLD BUS NOW. CASE DISMISSED

## IN THE AUTOMOBILE WORLD

Armored Speed Wagon Tank Serves Los Angeles Bank



Five thousand rivets are required result of the ruthless shooting of to hold together the latest "life in- messengers by bandits who attemptsurance policy" which a Los Angeles | ed to seize payrolls and money in bank has taken out for the protec- transit between banks, railroad sta-

tion of its messengers. ly constructed for the Hellman Com- rates on the money alone, it is said,

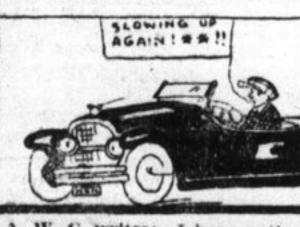
tions and the express company. A powerful tank has been especial- The reduction in the insurance mercial Trust & Savings Bank as a will pay entirely for the tank within

## Keeping Down Headlight Glare

There Is Plenty Of Non-Glare Law, But It Is Laxly Enforced

NOT ONLY INCORRECT FOCUSING of the bulbs, but improper pointing of the headlamps themselves result in glare. When pointed upwardly too much the intense beam, even if correct in other respects, will rise more than the legal distance from the level on which the car is setting and will dazzle the eyes of persons approaching. There is usually a clamp adjustment, by using which each headlamp can be given such an elevation as will secure a good roadlight, but will keep the beam below the legal height, which is generally given as 40 inches or slightly more above the ground. Many instruction books give very clear directions for adjusting headlamps, but it is perhaps safer to follow the regulations of the local authorities. In some sections there are official headlight testing stations and most electrical service stations can make the adjustments required by law and satisfactory service for motorists who do not care to do this work themselves. Motor vehicle departments and the police have occasional spasms of headlight statute enforcement, and it behooves all motorists, if for no better reason than to avoid trouble with these authorities, to keep their lights out of the glaring class and up to the required standard of road and roadside illumination. Watch the effect of your lights on buildings and judge from that the probable effect on the "other fellows" eyes.

WON'T SPEED UP PROPERLY | lever considerably when you want



A. W. C. writes: I have noticed that my --- car increases speed steadily up to about 35 miles per hour, but that when I try to force it to go faster, it will start to accelerate and then soon slacken speed. The carburetor appears clean and all the piping has been looked over. What is the cause of this trouble?

Answer: We believe that the gasoline feed to the carburetor is not ample enough to supply the fuel demands of the engine, when being that the gasoline level in the of the axle on the springs and if float-chamber falls to a low point; this is such as not to give the steerand not enough fuel can be drawn ing knuckles the correct inclinathrough the spray-nozzle to keep tion, steering is likely to be very the mixture up to full power pro- wobbly. A slight downward slant ducing quality. It may be that the in the downward inclination of the filter screen in the line from the knuckles, causing the front wheels vacuum tank to the carburetor to "caster" slightly, discourages needs cleaning or it may be that shimmying tendencies. By placing the vacuum tank itself does not suitably formed shims between the keep filled. You better clean the axle and the springs, this inclinagauze filter screen at the top of tion can be secured. Are you sure the vacuum tank, tighten all pipe that the steering arms are perfectly connections and make sure that the secure in the knuckles? Any lack vent in the main tank is not ob- of tightness there will lead to shimstructed. Unless the muffler has mying. Is the steering column rigbecome badly choked, we believe idly supported on the frame and to this engine will speed up satisfac- the dash? This is a requisite. Are torily, as soon as it gets an ade- you certain that the front wheels quate gasoline supply. As ignition have their normal camber, that is, is controlled by hand on this car, that they are closer together at

Answer: One thing that often it is running very fast, the result causes shimmying is the mounting

WHAT CAUSES SHIMMYING?

tested the wheel alignment, exam-

ned all bolts and bushings for

tightness and have had heavier

springs put into the steering con-

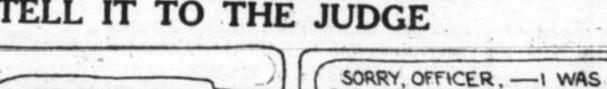
nection rod, but still have this trouble, especially on brick streets.

J. E. M. asks: What causes my car to shimmy. I have

we presume you advance the spark their bottoms than at their tops? Questions of general interest to the motorist will be answered by Mr. Clough in this column, space permitting. If an immediate answer is destred, enclose self-addressed, stamped envelope.

**AUTO SENSE** 

TELL IT TO THE JUDGE





Not every car can be expected to, make twenty-five miles to the gallon

reasonable length of time "It is the lives of our messengers and not the money that we consider first, however," said Irving Hellman, vice-president of the bank.

The body of the tank, constructed of armor plate, is mounted on a standard Reo Speed Wagon chassis. All apertures are filled with bulletproof, laminated glass, fully tested. One of the panes, struck by a bullet from a policeman's pistol at close range, showed only a mark like a pin-prick.

The motor, radiator, lamps, rearvision mirrors and even the hand signal also are armored.

The driver sits alone, or with one companion, in the front seat. Behind this seat is the gun chest and then, practically in the center of the car, is the compartment for money. Access-to it is had only through a sliding door over which the messengers who sit in the rear of the compartment have no control. They are locked in. Behind and above the placing your order. messengers, in a square, highly armored tower, sits the chief guard. By a series of buttons he controls the ignition and can shut off the motor at will. He also controls a brake lever to stop the car quickly and another brake lever which control the door to the money compartment where the messengers sit. There is no access from the tower to the money compartment.

The tank is said to be the most completely defended motor vehicle ever built for civil use, and far more effective than the earlier war tanks.

Removal of Cylinders.

Before removing a cylinder, draw off the water, remove the rubber connection between the radiator and the full force of the rays is thrown cylinder head, detach the cable from the plugs and remove the cable sup- mobile where it belongs. ports or otherwise free the head from the wiring. Free all nuts that that by killing the glare one can hold the head to the block and then, save lives as well as light," Marsh with a blunt screwdriver, pry be- said. "There is a period of one or tween head and block at intervals, two seconds that every motorist is until the parts are free.

For An Easy Start.

To make starting easier, throw out the clutch when starting the engine. Otherwise the starting motor has to turn over the clutch and countershaft gears, besides the engine, which is a heavy strain on the bat-

Rubber tape is better than friction tape for aerial work.

Your carburetor acts as an atom- If your car has no mixture adjust- starts down on the power stroke. circle marked "Average Summer of gasoline, but by proper care and izer for the fuel. There are too ment on the instrument board, try The spark lever on the steering Heat." A shutter of some kind is handling a material saving can be many types of carburetors on the placing a smalller jet in your car- wheel regulates the time of the ex- necessary if you are to regulate the realized on a large majority of them. market to attempt to explain the ad- buretor and drawing out the choke plosion. Poorly seated valves allow the vap- justments necessary, but it is neces- rod to a point where you can get the the explosion to take place a little or to be forced out of the cylinder sary to keep them all clean and to most power. This will enable you to later and results in loss of power. on the compression stroke and wast- have the needle valve adjusted to a cut the mixture to a much leaner A cold engine requires more gaso- a piece of newspaper against the

Prices for labor on grinding

valves and cleaning out Car-

6 cylinder . . . . . \$8.00

4 cylinder . . . . \$5.00

Ford Cars ..... \$3.00

6 cylinder . . . . \$10.00

4 cylinder .... \$6.50

Chevrolets and Fords, rear

See us and get our prices and

know what it will cost before

35 MONTREAL STREET

PHONE 2544w.

"Kill the Glare-Save the Light."

Will H. Marsh, chief of the di-

vision, points out that motorists, by

eliminating the glare of their lights,

can conserve their illumination,

since if lights are properly adjusted

on the highway in front of the auto-

"We might well add to this slogan

completely blinded and driving with-

out sense of direction when passing a

car with glaring lights. At such

times serious accidents are extremely

Reports received by Chief Inspec-

tor C. K. Harder indicate that the

campaign is being successfully con-

ducted in all parts of the State.

These reports show that since the 1st

inst., approximately 1,000 motorists

have been stopped daily by the offic-

ers and compelled to have their lights

A Bad Weather Aid. One of the easiest mixtures to

make for preventing an obscured windshield glass during stormy weather, is equal parts of kerosene and glycerine. Apply a thin, even layer over the glass surface with a soft cloth. Another effective cleaner is ordinary plug tobacco. One side is sliced a trifle so that a fresh

leaf is exposed. This is then rubbed up and down on the glass-and if the operation is repeated until the

entire surface has been thoroughly gone-over, the glass will be covered with a thin and perfectly transparent

Fool stunts. Starting the car with the brake

Shifting gears without throwing

Looking for a "gas" leak with a

Starting from a standstill on high.

Throwing gears into forward speed when the car is moving backward, or

Wheel Alignment. Because alignment of the wheels is an important factor in the life of the front tires, the distance or tie

rod is provided with adjustments. The front of the tires would, as a

rule, be 5-16 closer together than the rear, measured at the same height

Replacement of Rings.

fitting rings should be used at the

top, so that the oil below cannot be consumed by the high temperature of the exploding gas. The replacement

of the rings is the reverse of the re-

When replacing rings, the best-

likely to occur."

adjusted.

film of oil.

out the clutch.

lighted match.

from the ground.

moval

vice versa.

and racing the engine.

SAVE THE LIGHT"

Cars without removable heads

Chevrolet with 4 cylinders

or old models:

axles, labor \$6.00.

"KILL THE GLARE

ed. Carbon causes loss of power point where it gives the most power point. If you are to get all the pow- line than a warm one. If your car radiator, but remove it as soon as and it requires more gasoline to ov- on a set throttle. Be sure there are er you are entitled to, the explosion has a motor meter, the mercury the desired heat is reached.

Retarding it causes

BUSY TELLING HIM HOW TO GET

MORE MILES TO THE GALLON

AND FORGOT HOW FAST WE

OH! ZATSO! WELL TH' JUDGE OWNS A CAR. MEBBE HE C'N

USE SOME O' YOUR

ADVICE!

WERE GOING.

no air leaks in the intake manifold. | should take place just as the piston | should be kept in the center of the heat of the engine, although the temperature may be run up by placing

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Glass Lights

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STRIPPED of detail, here are the reasons why the Mighty Speed Wagon will out-perform any other commercial motor vehicle in the world, regardless of weight, size, capacity or price.

-Inner-frame suspension of power units.

-More engine power than any other vehicle in or near its class,

-Far more braking efficiency than any other.

-More equitable distribution of weight over wheels, insuring greater safety and roadability.

-Spiral bevel gear axle for fleetness and quietness, oversized for tremendous endurance.

-Twelve standard bodies, providing a style for practically every business.

More than 100,000 Speed Wagons are supplying faster, safer and cheaper haulage in nearly every line of business because of visible quality, demonstrable efficiency and known economy-factors.

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