ALBERT L. CLOUGH

Editor Motor Service Bureau Review of Reviews

Wasning Cars Too Often

Phe Other Extreme Is More Usual, But Both Extremes Are Bad

this is true in the matter of washing cars, it being a fact that the finish

of many cars is prematurely destroyed and an expensive repainting job

thus necessitated too early simply because of unnecessarily frequent

washing. Even when the cleaning process is performed in the most

approved manner, with the greatest regard for the durability of the finish, there is a well defined limit as to the number of such operations

the surfaces will stand, without marked deterioration, and when the work is carelessly done, with severe rubbing, with dirty water and with

the indiscriminate use of strong soap, the best finish will survive but a

limited number of such ordeals. Just as clothing will outlast but a limited number of washings, even when the gentlest methods are used.

and a very much smaller number when laundry machinery and strong

soap-powders are employed, so it is with motor car finish, especially

that of the body. The appearance of too many cars is ruined and their protective coatings destroyed, the first season, by too many "baths,"

which might have been kept looking well for two or even three years,

if moderation in the use of water—and soap—had been practiced. Many

motorists, who can afford it, have their cars washed every day they are

used, whether they need cleaning or not, and their varnish coats and even the color coats thus become deteriorated very early. This is not

intended as a plea for sunning dirty cars. Mud that dries onto body finish will permanently spot and finally destroy it and should be washed

off promptly, but a little road dust has very slight injurious effect. The

idea that it is here intended to convey is that the finish of a car is

something that in time will be removed by washing and that there is,

in the matter of washing, a "golden mean," that will keep it in present-

ELECTRIC STARTER TROUBLE | to remain quiet. Sometimes, unless

C. J. A. writes: The starter your rims accurately and tightly motor of my car turns the engine all around, we believe they will

over rapidly, but as soon as I not move relatively to the wheels switch on the ignition, the engine and thus will not squeak. It should chokes, almost stops and turns over not be forgotten that wheels them-

by jerks. As soon as I throw off selves sometimes squeak from the ignition, the engine is again looseness of the spokes in the hub turned over rapidly. The engine flanges, occasioned by the wood

cranks all right by hand. How do drying out, particularly when the you account for this?

A. F. asks: What can I do to climbing a hill on high gear be stup the squeaking of the rear caused by a poorly adjusted push-

am told is caused by the demount- Answer: It is hardly likely.

sprung out of their true shape, of the load on the engine, but this they will not have a full bearing is much more noticeable when an

on the felloe band and will continue to squeak. Moreover, if they are not mounted true on the wheels, they cannot be expected essarily less quietly.

If these rims are same amount of sound irrespective

- car, which I rod?

Answer: One possible theory is that when you crank with the elec-

tric starter, you have the ignition

too far advanced and that when

firing occurs, the engine kicks back. causing the jerking you speak of and slowing down the speed. When

you crank by hand, you retard the spark fully, for safety's sake, and

that then the explosions act in the

direction of rotation, causing start-

REAR WHEELS SQUEAK

ing to take place normally.

the clamp nuts are tightened in the

right order and by the right

amounts the rim gets out of line

with the wheel and has an insecure

bearing on the felloe band, so that

it can "work" slightly. Bent bolts,

with battered threads, may not tighten properly and thus lead to

squeaking. Coating the inside of the rim and the band with flake graphite, mixed in gasoline, will

lubricate the parts and tend to eliminate noise. If you can seat

IS THIS A VALVE NOISE?

sound that I hear when my car is

Noisy pushrods make about the

J. M. G. asks: Can the tapping

able appearance and still not unduly shorten its life.

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Answer:

STALLING OF ITS ENGINE, when a car is in traffic, is not only annoying to all concerned, causes irritating delay and calls forth withering expressions from the traffic cop, but it involves some collision danger, if it happens to an unskilled operator, especially on a steep grade. The likelihood of its occurring can be greatly reduced by carrying out the following suggestions: Set the hand throttle so that the engine will idle at a brisk speed, considerably higher than it is ordinarily allowed to This will keep enough energy stored in the flywheel to help in accelerating the car. If there is a dashboard carburetor adjustment, set the mixture somewhat richer than would be used on the open road. Rely upon the footbrake rather than the emergency to hold the car, for if in a moment of confusion, the clutch is let in, with the emergency brake still set, the engine will probably stall. Keep the clutch in such a condition that it is free from any "grabbing" tendency and always engage it gently, speeding up the engine somewhat before letting it in. If the car has come to rest, never try to start on any gear but low and if it is very much slowed down, do not attempt to accelerate on high, but slip into second speed.

PRESERVING BODY FINISH



W. K. asks: Is there any concoction, soap or liquid of any kind worth using on the body finish of a car to prolong its life and to defer the need of repainting? I try to keep my car out of the direct

sun and protected from the elements as much as possible. Answer: A fine grade of furniture or plano polish, applied very sparingly at not too frequent intervals and thorughly rubbed off, is the only preparation that can ba recommended for this purpose and we have only a moderate degree of faith in the value of this treatment. The exercise of ex- deep groove worn on the inside of treme care in washing, the avoid- the spokes of the rear wheels of my ance of unnecessarily 'frequent car, apparently by their touching washings and, as you say, protec- the center anchor pine of the brake tion from unfavorable outside con- bands, but upon jacking up the

CHARGING FROM HOUSE



can recharge my six-volt battery dicate the utter failure of the

Answer: Yes. One should be "cock around" so as to bring some absolutely sure that the circuit used part of the mechanism into contact of the supply circuit is connected to the negative pole of the battery. You watch the result.

The two lamps connected in multiple will limit the current flowing to about 2 amperes, which will be the charging current that the battery receives. If the end of the wire from the lamps and that of the wire from the other side of the circuit and held slightly apart in salted water, the one of them which gives off the more gas is the negative and should be connected to the negative battery post.

SPOKES RUB ON BRAKE



C. F. F. writes: There is quite a ditions, are the best safeguards for wheels, I cannot find end-play enough in the axle shafts to let these parts rub and the bearings seem as good as new. What do you think causes this?

Answer: It seems hardly possible that there is sufficient end-play present to enable the wheel to move inward enough to take up the large clearance, which exists between the parts that you think rub together. We suggest that you put some paint on the end of the anchor pin, run the car and see if it is rubbed off. If it is, contact has evidently taken place and there W. K. writes: I am told that I think, enough, it would seem, to inmust be more end-play than you by taking current from my direct thrust bearings to act. There is one hundred watt lamps. Is this correct?

Questions of general interest to the motorist will be answered by Mr. Clough in this column, space permitting. If an immediate answer to desired, enclose self-addressed, stamped envelope.

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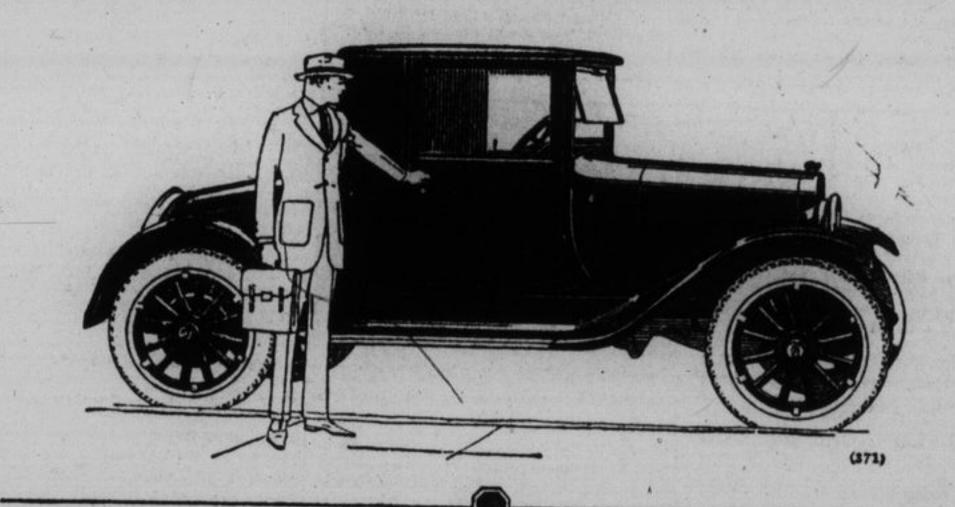
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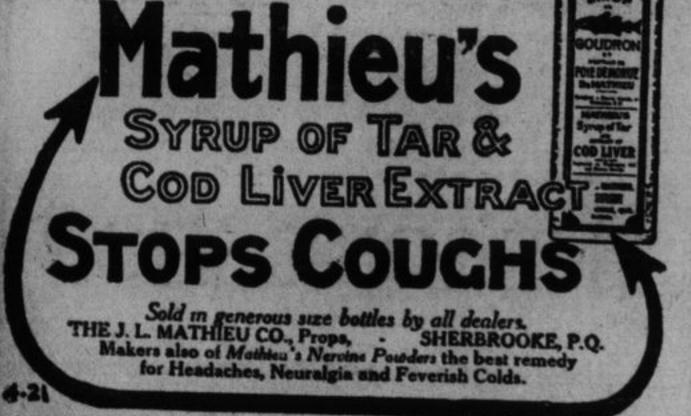
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speak of it.



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