

AVERAGE AUTOIST THROWS AWAY HUNDREDS OF DOLLARS BY FAILURE TO GET TIRE MILEAGE

Too Prone to Neglect Casings; Overloads His Tires as a General Rule; Another Fault Is Underinflation.

It is unfortunate that it is necessary to warn the average American who owns and drives a motor car not to waste money in tires. But that is exactly what the said average car owner does. He literally throws away a goodly number of his hard-earned dollars every year through failure to get the mileage from his tires that is in them. In the aggregate, this wastage amounts to millions of dollars every year, so that any educational campaign, any means of pointing out to owners their mistakes in this particular is a direct contribution to our national prosperity.

The failure that causes the greatest loss in tires is underinflation. The big tire companies are a unit in agreeing on this. It is for this reason that all the tire manufacturers are so careful to instruct their patrons in the air pressure needed by any given size of tire. If the pressure is permitted to fall even five points below that proper figure it is bad for the casing, obviously ten pounds is worse and below that is atrocious to tires.

RESULTS OF EDUCATION
Through education car owners are becoming a little more careful about actual underinflation, but very few of them realize that all the effects of underinflation may be produced in quite other ways. For instance, suppose a six inch tire is designed to carry a load of 900 pounds. If 1200 pounds are loaded on this tire, we have all the effects of underinflation though the pressure is actually at the designated poundage. Of course, it is impossible to ask a car owner to weigh his passengers as they take their seats in his vehicle, nor is it possible to avoid carrying an overload in cases of emergency, but it is possible to avoid habitual overloading. Simply do not carry seven passengers in a five passenger car, not four passengers in a small roadster. And if it is necessary to carry a considerable overload for an extended run, it is not difficult to increase the pressure in the tires to care for the added weight.

If cuts in the rubber tread are allowed to remain open, dirt and water and even stones are able to work their way into the fabric base. The water rots this and a blowout is the result. Dirt, and small stones entering a cut force their way along the fabric, separating the rubber from the cotton cloth as they go; again the result may be a terrific blowout, sometimes half way around the casing. The only remedy for this is constant watchfulness and plugging of small cuts as fast as they appear. Larger cuts, over half an inch, must be vulcanized without delay.

A word as to the modus operandi of tire grending may not be out of place. The cut to be plugged or vulcanized must always be thoroughly cleaned in the first place. A cloth soaked in gasoline is the best medium for cleaning the cut. If it is a deep one the cloth may be used on the end of a screwdriver. After the cut and the surrounding area has been thoroughly cleaned and is dry, a coat of cement is applied to the sides and bottom. After this has dried another coat is put on, and when this has dried the tire filler is applied. A bit of the filler is worked into the cut with the blade of knife or a screwdriver. In case the tire must be used on the road immediately, a small piece of cloth or paper should be centered over the repair to keep dirt from being picked up.

KEEP WHEELS ALIGNED
Another common cause of tire failure is found in misalignment of the front wheels. This condition sets up a scraping movement of the tires in addition

to their rolling. The result is that the tread rubber is ground off by the rough surface of the ground. This trouble may be eliminated by having the alignment of the wheels checked up a couple of times a year and as often as a bump or accident might lead one to suspect that they had been knocked out of line.—Salt Lake Tribune.

BIG PART AUTO COST REPRESENTS LABOR

Howard Harris, Reo Agent, Says High Wages Will Keep Automobile Cost Up for a Time.

That labor represents 95 per cent of the cost of manufacturing an automobile is the statement of Howard Harris, sales representative of the Reo Motor Car company, who is in the city conferring with the Boise Motor Car company, Reo representatives.

"This does not mean," says Mr. Harris, "that where an automobile costs the manufacturer \$1000 to produce that he has paid out \$950 for wages on that car in his shop, but tracing all the material that is used from the time it is found in its raw state through its course of mining, smelting, refining, finishing and the car assembled, a careful survey of the cost will show that 95 per cent of it found its way into labor's pocket."

"First comes the iron ore. The cost of mining it is mostly all for labor, and at the smelter where it is refined the condition is the same. At the factory it has to be moulded. Then the machinists must turn it into the parts that go to make the car. The same also applies to the tires. Practically all the cost there is for labor, from the gathering of the rubber until the tire is on the car."

WAGES AT WARTIME LEVEL
"Labor has not come down any since the end of the war, nor is there any immediate prospect of a lowering of wages. Neither the manufacturers nor the men are desirous of a reduction. High wages mean generally greater prosperity and greater prosperity means more business for everybody. I will admit, though, that the manufacturers have not always looked upon it in this light, however logical it appears, but the war has brought capital and labor closer together, with the result that there is a better understanding between both. Each in considering his own circumstances is giving more and more consideration to the other and I, for one, firmly believe that the days of big strife between capital and labor are rapidly drawing to a close, irrespective of the futile efforts of the raving agitators."

"Taking that fact into consideration, that labor represents 95 per cent of the cost, and that labor has not, nor is likely to come down, how then can we look for a reduction in the price of automobiles? It will not come until there is a very material lowering of wages, therefore the layman is just as well qualified to express an opinion as to when the cost of cars will come down as the manufacturer."

FEW CHANGES MADE
"This season will not reveal any radical changes in models. To effect any appreciable change requires months of preparation and last year's conditions were so uncertain that manufacturers gave no thought whatever to new models. It must be remembered that up to

AVOID GRIT WHEN FILLING GREASE CUP

There are as many ways of filling grease cups as there are motor car owners. One is to take the cup and scrape it along through the grease, trusting to chance to get enough in it to give the proper lubricating qualities. This is not the best method. To begin with, in filling grease cups the first thing to do is to wipe off all dirt that may be present before removing the cups from the car; this is to prevent grit getting into the grease, which it will do otherwise. For filling the cups an old table knife makes an admirable instrument, and saves one getting into a mess. It is a good idea to take off the cups singly, fill each and return to its place before removing the next.

November 11 we were facing a complete cessation of operations on January 1 and since then we have been putting all our efforts into getting back to production.

"We are looking for one of the best years' business in our history. The only problem facing us is whether we will get into the full swing of quantity production early enough to keep up with our spring orders, and the same can be said to apply to all manufacturers. The prospective purchaser will be wise to make his selection as early as possible to avoid the necessity of waiting his turn later on. The man who holds off expecting a reduction in price is doomed for a big disappointment. The far-sighted man will secure his car early."

"If the advance orders which the Boise Motor Car company is placing with me for cars and trucks is an indication of how all distributors are preparing for the season it sure must be going to be a hummer."

YOUR AUTO'S FINISH REQUIRES ATTENTION

If You Would Preserve Your Car's Varnish, Use These Simple Precautions; Keep Car in Warm Place.

"Methods and materials for finishing the bodies and running gear of motor cars have been brought to a high state of perfection by most manufacturers," says "Goldie" Goldstein of the Bannock Motor Car company, distributors of Maxwell cars, "but it is as well to remember that there are certain abuses against which no finish, however perfect and durable, can long endure."

"No varnish will withstand being scrubbed with a brush or with hot water. No varnish will withstand the chemical action of ammonia or any kind of lye soap nor any of the common washing fluids or powders. "The varnish of an automobile will not stand having dust or mud rubbed off nor will it endure the grits of dust and mud driven into it by the water blast from a high-pressure hose to which it is often subjected."

"Use water between 40 and 50 degrees with a soft, bleached wool sponge. It is best to use no kind of soap unless it be pure castile or a neutral lye soap. Mud, wet or dry, should be removed with flowing water squeezed from a clean sponge or flowing water from a hose with a little pressure—never with a nozzle. Dry off with a clean, soft cloth. Do not rub the finish or use hand pressure more than sufficient to dry off the water. The water evaporates and leaves the finish in good condition."

CLOTH PROTECTS AUTO
"When not in use keep your car covered with a soft linen cover. All dust contains grit and all smoke is heavily charged with acid, and against these a cloth offers adequate protection."

"However well varnish has endured the weather testing, it may be seriously affected by sudden extremes of temperature. A glass dish may be filled with boiling water without breaking, it providing the water is poured in slowly—the same thing holds true when using ice water. But it will invariably crack if plunged instantly from boiling water into ice water and vice versa."

"A neat appearing car reflects the owner's sense of care. Here are some useful hints for those who take pride in their motor cars."

"Don't wash the hood while it is hot. The effect is the same as washing it with hot water. Unless the hood is allowed to cool before washing the luster will disappear."

KEEP CAR WARM
"Don't allow curious persons to lay their hands on the varnish of your car—it creates instant change of temperature."

"Don't keep your car in a stable or near horses. Ammonia fumes are deadly to the finish of any automobile."

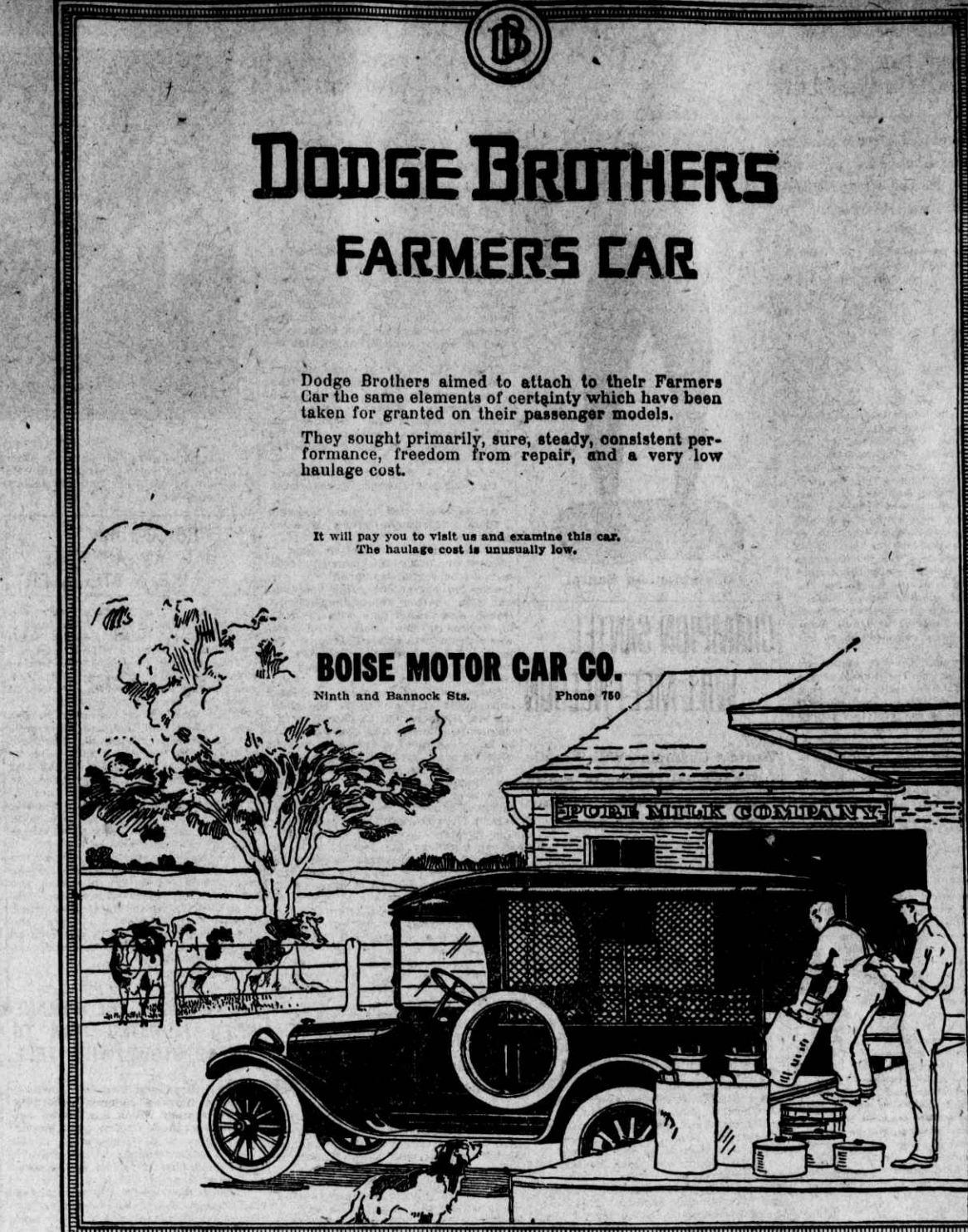
"Don't keep it in the coldest possible place. Long-continued cold freezes the wood and fills the metal with frost, which affects the varnish. If you can't have artificial heat in the garage, at least have it warmly built. Perhaps this particular piece of advice is premature now—but I'm in hopes many motorists will preserve this list for future use."

"Don't assume that any finish will last forever. Good paint and varnish lasts a reasonable length of time, even with careless treatment, but it lasts two or three times longer if you treat it well."—Exchange.

MAY NOT MAKE REPORT ON RED PROPAGANDA BILL

Washington, March 1.—Senator Overman indicated today that his committee investigating Bolshevik propaganda might not make a report.

"If the senate does not want a report on Bolshevikism in the United States, I do not care. I want to get home any way," Overman told the senate when objection was made to consideration of a resolution to extend the life of the committee beyond March 4.



DODGE BROTHERS

FARMERS CAR

Dodge Brothers aimed to attach to their Farmers Car the same elements of certainty which have been taken for granted on their passenger models.

They sought primarily, sure, steady, consistent performance, freedom from repair, and a very low haulage cost.

It will pay you to visit us and examine this car. The haulage cost is unusually low.

BOISE MOTOR CAR CO.

Ninth and Bannock Sts. Phone 750

Advice to Girls

By ANNIE LAURIE

LETTER CANNOT BE USED

RUBY LIPS AND CURLY LOCKS:
Don't you think you are too young to consider the boys seriously? They probably like all the girls and are not ready to settle down, and then, young men usually wish to wait until they can maintain a home before they talk of being engaged or married, and these boys are too young for that."

Just have a good time for a while and don't consider the boys as beaux, just as friends, won't you, my dears?
ANNIE LAURIE.

LETTER CANNOT BE USED

HAPPY JIM: I am very glad to help the boys in any way, however I am unable to do so in this case as all letters to Annie Laurie are confidential and I would not under any circumstance disclose the names of those who honestly write for advice.
ANNIE LAURIE.

LETTER CANNOT BE USED

DEAR ANNIE LAURIE:
We are two girls of fifteen and seventeen. We are in love with two young men. We can cook and sew and mend and make our own clothes. Don't you think we are old enough to be married?
M. and D.

LETTER CANNOT BE USED

BLUE EYES: Your question is one better answered by Dr. Hirschberg. I have turned your letter over to him with the request that he reply to you through his column. "Answers to Correspondents." If you will watch his column, you will soon find the answer you want.
ANNIE LAURIE.

LETTER CANNOT BE USED

STRAIGHT WIG: Your question is one better answered by Dr. Hirschberg. I have turned your letter over to him with the request that he reply to you through his column. "Answers to Correspondents." If you will watch his column, you will soon find the answer you want.
ANNIE LAURIE.

LETTER CANNOT BE USED

V. F. Yours: is a hard problem, indeed. There is no question about doing wrong—you know you are. He must have told this woman he loved her when he married her—he must have promised to protect her. Do you think he is doing it? What about his dear little boy? Is it just to bring disgrace on him so that other children will twit him of it?

LETTER CANNOT BE USED

Do you think he has the respect or love for you that you give him credit for? If so why would he ask for such a friendship? People would stun you if they were to know of it. True love is founded on respect, my dear, and I

can not feel that he respects you. He would tire of you, just as he has of his wife.
ANNIE LAURIE.

LETTER CANNOT BE USED

DEAR ANNIE LAURIE:
I am a girl of 18.
The other night a young man of 19 asked me to go to a show. I know this young man and so do my parents. Well, I guess he was trying to be grown up, as while we were going home he pulled out a cigar and began smoking. I didn't say anything because I knew this was his first time and he didn't like to be dictated to. Well, pretty soon he began to weave around on the sidewalk as if he were ill. I didn't know what to do. What could I have done but help him along? It was embarrassing on his part, but I made fun of him. I made him go in the next doctor's office that we came to and then I "beat it," because I didn't know what else to do. Was this a very ridiculous thing to do?

LETTER CANNOT BE USED

JANUARY: This was an unusual experience. I do not see what else you could have done, as he would have been unable to accompany you home. He will not be likely to smoke again for a while at least. When you see him again you might mention the fact that you thought best to return home and not wait for him, but don't tease him about it as men are very sensitive. I would let the matter drop and not mention it again.
ANNIE LAURIE.

LETTER CANNOT BE USED

Q.—Please tell me what will darken my eyebrows.
A.—A little white vaseline will darken your eyebrows.

LETTER CANNOT BE USED

Q.—Kindly tell me the cause of appendicitis.
A.—An increased number of white corpuscles in the blood. A blood examination is necessary for this, rigidity of the muscles of the abdomen, nausea, vomiting, constipation are all present in some kinds of appendicitis, while other kinds of appendicitis have different symptoms. All of the symptoms that are present in appendicitis may also occur in other diseases so that mere description of symptoms are not enough for the inexperienced, non-medical person to discover what is wrong. Many kinds of appendicitis disappear without an operation, while an operation is the only thing that will cure certain kinds of appendicitis.

PAYETTE.

Payette, March 1.—Word has been received from Lieutenant Colonel Patch, now in Bordeaux, France, that he expects to be home in March.

Miss Nell Steffen came from Boise Friday to spend the week-end with relatives.

Miss Ruth Short has gone to spend the summer in Burns, Ore.

Rev. Wallis of the M. E. church attended the centenary convention at Boise the first of the week.

Miss Ruby Landon has gone to Washington, D. C., where she has a government position. Before her departure Mrs. Glen Landon gave a handkerchief shower in her honor. The affair was in the nature of a surprise party.

Born to Mr. and Mrs. Ira Culler, Feb. 24, a son.

Mrs. F. O. Yates has gone to Boise,

where she will enter St. Luke's hospital to take training.

Born to Mr. and Mrs. W. E. Perkins, Feb. 22, a son.

W. Sherwood has returned from Walla Walla, where he purchased a carload of equipment for his brick manufacturing plant.

G. Z. Arment has leased the Fred Wolfe stock ranch near Cascade. Mrs. Arment and Loren and Hollice will join him about the middle of March, while Horace will not go till school closes.

H. Schlottman of Broomfield, Ore., has purchased the residence of De Mont Judd on Sixth street. Mr. and Mrs. Schlottman and their two sons will move into their new home shortly.

An American scientist has photographed 2000 snow crystals, and found none alike.

Ford

THE UNIVERSAL CAR

The Ford Motor Company have instructed us to sell the genuine Ford Parts to any and every reliable Garage who will pledge their use in the repair of Ford cars. The genuine Ford Parts are absolutely necessary to the owner of Ford cars that he may get full service from his car. We carry them and so, we hope, in a short time will every reliable Garage. We solicit your service business because we have the Ford Methods, the Ford Parts, the Ford Mechanics and the Ford prices. Incidentally would be glad to get your order for one or more Ford cars.

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Backed by Years of Square Dealing With Farmers

WATERLOO BOY

Original Kerosene Tractor

To FARMERS who are in doubt what TRACTOR to choose, the WATERLOO BOY name and backing offer a strong guarantee of satisfactory service. For over a quarter of a century the WATERLOO BOY name has stood for reliable, economical power; added to this is the backing of JOHN DEERE PLOW COMPANY, whose farm IMPLEMENTS have made good on FARMS over 80 years.

Power and Quality Guaranteed

THE WATERLOO BOY is built to sustain the long standing reputation of its makers. It is a TRACTOR without any makeshifts or deceptions; all our claims for it are fully sustained by its performance in the hands of users.

THE WATERLOO BOY is built and guaranteed by JOHN DEERE PLOW COMPANY and sold by us. We have them right here on our sample floor for your inspection. A CAR on the way from factory due to arrive in a few days. Price including No. 5 3-Bottom 14-inch Tractor Plow, F. O. B. Boise, \$1820.00. A FULL LINE of repairs in stock to give you first class service during the busy season.

OUR ILLUSTRATED CIRCULAR covering points of construction which commend the WATERLOO BOY to all tractor buyers, is FREE. Call and see the TRACTOR or write us for circular.

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