

THE DAILY MISERY OF ILL-HEALTH

Three Years of Suffering Quickly Relieved by "FRUIT-A-TIVES"



MR. GASPARD DUBORD

150 Avenue Pius IX, Montreal.

"For three years, I was a terrible sufferer from Dyspepsia and my general health was very bad. I consulted a physician and took his medicine and faithfully carried out his instructions; but I did not improve and finally the doctor told me I could not be cured."

"At this time, a friend advised me to try 'Fruit-a-tives' and I did so. After taking two boxes of 'Fruit-a-tives', I was greatly relieved; and gradually this marvelous fruit medicine made me completely well. My digestion and general health are splendid—all of which I owe to 'Fruit-a-tives'."

GASPARD DUBORD.

Box a box, 6 for \$2.50, trial size, 25c. At all dealers or sent postpaid by Fruit-a-tives Limited, Ottawa, Ont.

Tells How to Stop a Bad Cough

Carrying relief from this famous old home-made syrup. Easily prepared and costs little.

If you have a severe cough or chest cold accompanied with soreness, throat tickle, hoarseness, or difficult breathing, or if your child wakes up during the night with croup and you want quick help, try this reliable old home-made cough remedy. Any druggist can supply you with 2 1/2 ounces of Pinex (50 cents worth). Pour this into a 16-oz. bottle and fill the bottle with plain granulated sugar syrup. Or you can use clarified molasses, honey, or corn syrup, instead of sugar syrup, if desired. This recipe makes 16 ounces of really remarkable cough remedy. It tastes good, and in spite of its low cost, it can be depended upon to give quick and lasting relief. You can feel that you have had a cough in a way that means business. It loosens and raises the phlegm, stons throat tickle and soothes and heals the irritated membranes that line the throat and bronchial tubes with such promptness, ease and certainty that it is really astonishing.

Pinex is a special and highly concentrated compound of genuine Norway pine extract, and is probably the best known means of overcoming severe coughs, throat and chest colds. There are many worthless imitations of this mixture. To avoid disappointment, ask for "2 1/2 ounces of Pinex" with full directions and don't accept anything else. Guaranteed to give absolute satisfaction or money promptly refunded. The Pinex Co., Toronto, Ont.

Keep Roup Out of Your Flock

Even though an advanced case of Roup, Gout, Canker or Catarrh can be cured by

Pratt's Roup Remedy

It is a wise precaution to use "Pratt's" as a preventive before the disease develops. Roup hens will not lay and are a serious menace to the rest of the flock.

Mr. L. S. Arnold, Melita, Maine, writes: "I got some of your Roup Remedy last fall and it cured my chickens in no time."

Order today. In powder or tablet form. Booklet FREE.

Pratt Food Co., of Canada, Limited, Carlaw Ave., Toronto.

330-A Carlaw Ave., Toronto.

HINTS FOR The Motorist

BY ALBERT L. CLOUGH

IMPROVING THE DRIVING LIGHT

Don't Hide Your Car's Light "Under a Bushel."

Are the headlights of your car adjusted to the best advantage as regards practical and legal considerations? During the season of long nights is the time when you depend most upon them. Very often, indeed, cars leave the factory with little or no attention paid to the lamps beyond seeing that they burn and it is left to the owner to regulate them. Do your lamps point downwardly too much, so that the beams do not carry far enough ahead or do they point upwardly enough so as to violate anti-glare regulations? If so you will probably find that these are an adjustment capable of correcting this. Very often this is where the lamp is fastened to the front fender. Do they point too much toward one another or do they diverge unduly? If the former there may not be a broad enough illuminated area and, if the latter, there may be a dark spot in the center of the road. This adjustment can readily be corrected by unclamping the lamp standards in their supports and turning them to give the best effect. The pointing of the two lamps should be symmetrical. Are the bulbs correctly focused in their reflection? If one lamp gives a better field illumination than the other it is usually a matter of focusing. Lamps should be focused with anti-glare lenses removed and the process is as follows: Point the car directly at a board fence or building of a rather light color and far enough from it so that the tow lamp beams do not merge. Usually the bulb is adjusted as to its position in its reflector, simply by drawing it in and out, in a slide which is provided for its socket. Care should be taken not to touch the reflector with the hand and not to use too much force on the bulb. The bulb should be moved in and out until it throws as nearly a uniformly illuminated circle as it is capable of. For long distance concentrated illumination the circle of light thrown should not be greatly larger than the lamp front, but for more diffused effect, some wider divergence of the rays, as shown by a larger circle of light, may be advisable. When one bulb is satisfactorily focused to give a beam of the right form and free from the dark areas, the other should be adjusted as nearly like it as possible. Finger marks can be removed from the reflectors by gently wiping them with absorbent cotton moistened in alcohol, after dusting them with dry cotton.

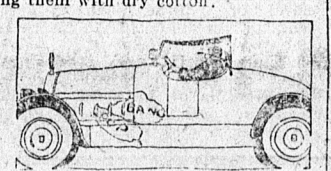
short contacts. Leaks in the secondary wiring may also cause it.

TREATMENT OF REVERSED BATTERY

B. M. M. writes: Recently I left my battery at a garage to be charged and they charged it in the wrong direction. If I discharged it by turning on the car lights and then have it recharged in the right direction, will it be injured by the treatment which it has received?

ENGINE BACKFIRES AT HIGH SPEED

Answer: If you attend to this battery at once we believe that it can be brought up all right. We should advise however, that instead of discharging through the lights you take it to a charging station and have them put it on charge, in the right direction at a very low rate—say four amperes for a battery of the usual size. At first the effect will be to discharge it, but after a



C. A. G. asks: What causes an engine to backfire and miss when it is running at a high rate of speed with wide open throttle? Is it defective carburation or ignition?

Answer: Backfiring into the carburetor is generally the result of a too lean mixture, the specific cause differing with the type of carburetor used. It may be the auxiliary air valve sticks open or that its spring is too weakly adjusted. In a double-jet carburetor the secondary jet may not come into action properly. In a carburetor with metering-pin for the gasoline this may not open at a rapid enough rate as throttle is opened. Any carburetor with insufficient fuel feed from the tank or a partially obstructed spraying-nozzle may backfire at high speeds. Lack of heat around the manifold may also result in a too weak mixture. Missing at high speeds is likely to occur if the spark-plug gaps are too wide, if there are cracked porcellans or if the timer makes uncertain or too

Why Suffer?

from Coughs, Colds, Sore Throat, Cramps, Gout, Rheumatism, etc.

Johnson's ANODYNE Liniment

is a doctor's famous prescription for internal and external use. A soothing, healing, pain quieting anodyne with a record of over 100 years of remarkable success.



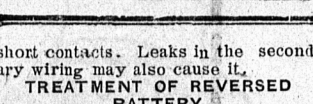
Muscles Mean Nothing

when the nerves fall down. The nerves control the muscles. The stomach feeds both.

HAWKER'S NERVE & STOMACH TONIC

has no equal as a nerve food, blood maker and invigorator. It is an excellent remedy for depression and despondency. Read what Mr. E. L. Rising, of the well known St. John firm of Waterbury and Rising, has to say: "I have used Hawker's Nerve and Stomach Tonic in my family for years, and consider it has no equal as a blood builder and appetizer. It was especially beneficial to my children after an attack of fever. Yours truly, E. L. RISING."

Sold by all druggists and general stores at 50c. The same price everywhere. None genuine without Company's name. HAWKER'S TOLU AND CHERRY BALSAM IS A SAFE AND SPEEDY CURE FOR ALL COUGHS AND COLDS. HAWKER'S LITTLE LIVER PILLS CURE ALL STOMACH ILLS. THE CANADIAN DRUG CO., Limited, ST. JOHN, N. B.



J. F. R. writes: I am a young man employed as a helper in a large plumbing establishment and, as my outlook for advancement here is not very brilliant I have decided to try to enter the automobile business. Can you advise me how to proceed to fit myself as an expert automobile repairer?

Answer: Your training should be of two kinds—study of automobile principles from books and the actual handling of cars—and these two lines of work should be carried on simultaneously. If you can secure any kind of a position in a first class repair shop where you will be able to see all kinds of jobs being done and be able to take part in some of them, the practical side of your training will be well taken care of. All your spare time, meanwhile should be utilized in the reading and study of automobile books, the automobile journals and motor car trade literature in general. We believe too that a correspondence school in automobile engineering, would prove of the greatest benefit.

AUTOMATIC SPARK TIMING

L. B. C. asks: Does the use of the automatic spark advance remove all danger to an engine from too early spark does not occur earlier than dead center, there is no danger from early ignition assuming that the rate of automatic advance is adapted to the particular engine in question. Questions of general interest to motorists will be answered in this column, space permitting. If an immediate answer is desired, enclose self-addressed, stamped envelope. Address Albert L. Clough, care of this office.



time it will begin to build up its normal direction. This low rate of charge may have to be kept up for nearly a week to bring up the gravity to normal and otherwise to put the battery in its original condition. We are assuming that it was in good condition when the mistake was made, but if this is not the fact and its condition was not good when the accident occurred there may be some doubt as to how completely recovery will take place.

IMPROVING THE DRIVING LIGHT

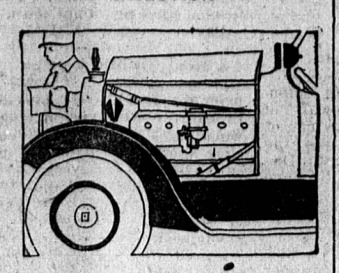
When Making Adjustments. Don't Forget The Headlights

If you are using non-glare lenses are you sure that the ones you have do their work with a minimum of loss of useful light? There is some loss with all of them, but some are more efficient than others, and as these efficient lenses will often eliminate the vices are not very costly a little experimenting with different approved makes is not out of the question. It is very natural to install very high-powered bulbs to counteract the losses due to anti-glare attachments but it should be remembered that very powerful bulbs are quite a drag upon a battery and they should not be used unless there is no other way of getting sufficient light on the road. Perfect adjustment and the adoption of efficient lenses will often eliminate the need of it. Sometimes, however, cars are put out with too low-powered headlight bulbs, and it is found advisable to replace them with larger ones. It does not pay to use anything but the highest grade bulbs, preferably those of the gas-filled tungsten type with concentrated filaments, that make possible accurate focusing. A lamp that has seriously blackened, or that has so increased in resistance as to pass to little current to give a good light, had better be discarded at once. Such a lamp is likely to burn out at almost any time. Extra bulbs can safely be carried upon a car and should always be at hand, if unpleasant and unsafe driving experiences are to be avoided. Lamps that burn overbrightly burn out quickly and over high voltage in the system as well as the use of too low voltage bulbs should be avoided.

BROKEN SPOKES IN WIRE WHEELS

L. E. S. writes: I find that the spokes of the wire wheels on my car have begun to rust badly and that several have broken close to the hub. Is there danger in running them longer? Answer: They will bear very close watching, especially the front wheels, for more spokes are likely to give way soon. However, the factor of

safety in these wheels is liberal and the chance of sudden collapse is not great. If your spare wheel is in good condition, why don't you put it on in place of the worst wheel, sending the latter away for repairs and treating the others similarly as soon as possible? DECARBONIZING BY WATER-INJECTION



WANTS TO ADVANCE

R. D. McA. asks: What can you tell me about the method of decarbonizing engines, which consists of injecting water into the intake, through a primer or otherwise when the engine is hot?

Answer: It seems to be pretty generally agreed that this method is of value and in cases in which we have seen it applied there was quite a considerable amount of carbon thrown out through the exhaust after the water had been applied. A suction primer, fed with water, is apparently a very good device to use in this connection.

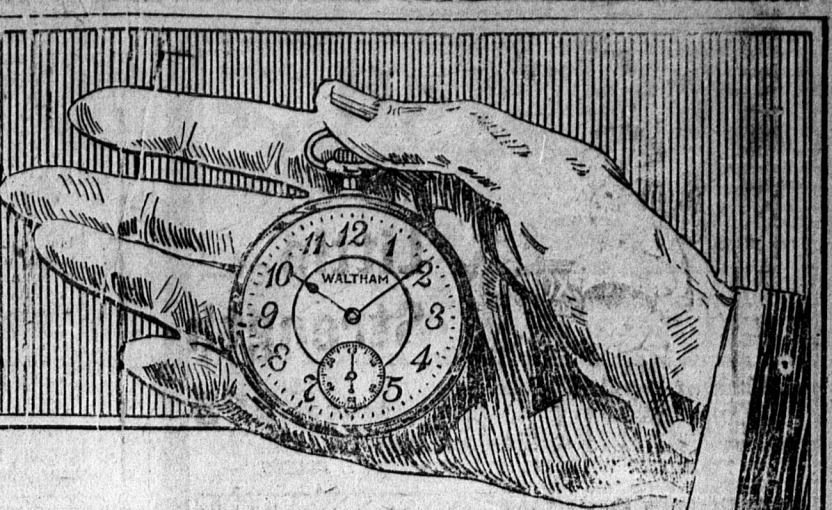


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WALTHAM THE WATCH FOR ALL TIME

Here is the "Riverside"—The Business Man's Watch

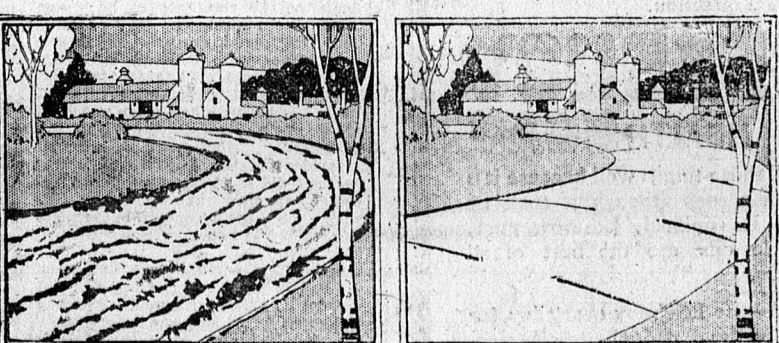
ECONOMY of time is characteristic of the successful business or professional man. Consequently, a dependable timepiece is of the first importance. This is why you find so many of the leading business and professional men carrying a Waltham Watch.

Our "Riverside" model is the first favorite for the business man, because it is the most dependable moderately-priced watch in the world.

It is a 21 jewel movement, adjusted to temperature, isochronism and 5 positions, thus assuring dependable time-keeping qualities under all circumstances.

Ask your jeweler to show you the "Riverside" and other famous Waltham Watches. There is a Waltham movement for every purpose and every pocket-book.

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The Road—As It Is and As It Seems In Overland 4 on Three-Point Suspension Springs

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Yet Overland 4 retains all the advantages—lightness, economy, and ease of handling, of 100-inch wheelbase. Overland 4's equipment is no less admirable than its construction. The list is complete from Auto-Lite Starting and Lighting to Demountable Rims.

The Diagonal attachment of the Three-Point Suspension Springs at the ends of a 130-inch frame gives the road steadiness achieved by a car of long wheelbase.

Come in and see this remarkable car. Ask for Booklet. Overland 4 Touring, \$1195; Roadster, \$1195; Coupe, \$1845; Sedan, \$1995. Prices f. o. b. Toronto, War Tax included.



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