

# Hints for the Motorist

By Albert L. Clough, Editor Motor Service Review of Reviews

## What The Tire Treads Tell

They Are Silent Witnesses Of Certain Derangements

LOOKING OVER YOUR TIRES has it ever seemed that the tread of one of the rear ones was wearing down faster than it should? If so, the fact should be taken note of and not hastily attributed to inferior tread material, for it is far more likely that there is another and a preventable cause. When the tire on one of the rear wheels wears down faster than that on the other, it is usually because it is doing most of the braking and that it is the one that is locked and slides along the road surface, when an emergency stop is made. The thing to do is to jack up the rear-end and adjust both brakes of each set to take hold simultaneously and equally. Rear tires naturally wear their treads faster than front ones, but sometimes inspection shows that the front ones are grinding down equally fast or even faster. This should raise a suspicion that the front wheels are not properly aligned, but are "scuffing" their tires destructively. If the front wheels toe out, this action is very pronounced and more than a very little toeing in is nearly as bad. Bad scratches or tears, lengthwise of the tread, are sometimes occasioned by the front springs having settled, so that a fender touches a tire, when the front wheels strike an abrupt bump.

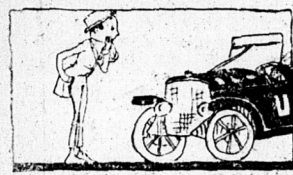
## DIAGNOSING PISTON LOOSENESS



T. S. writes: There is a knock in my engine, which I think may be a piston slap, although the cylinders do not suck much oil and the compression is good. How can this kind of a knock be distinguished?

Answer: Generally the piston slap is more of a rattle or clatter than a pound and usually is not heard at all heavy. It is pretty sure to show up when the throttle is opened suddenly, with the engine at slow speed and it sometimes stops as the engine speeds up, if the pulling is not hard. On a hill it will sometimes continue. It may usually be told from other knocks by following. With the engine warm, knock enough very heavy cylinder oil (air-cooled engine oil for instance) into each cylinder, to work down around the pistons, then start up the car and immediately try opening the throttle fully. If the knock is not heard for a short time or until the heavy oil has worked out, you may infer that the pistons were slipping and that the thick oil around them prevented this temporarily.

## REBUILDING OLD CAR



A. E. S. writes: I have an old car, the power plant of which is still in pretty good shape, but as I do not expect to use it

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

## BIRTHS

**POUND**—To Mr. and Mrs. L. R. Pound on August 24th, twins (girls).

**JAY**—At Covehead Road, Aug 25th, to Mr. and Mrs. Cyrus Jay, a son.

**GILL**—At York, on Aug. 20, 1921, to Mr. and Mrs. A. O. F. Gill, a daughter.

## WILL LEAVE PARLIAMENT

**LONDON**, Aug. 25.—Sir Charles Hanson, at one time associated with the Montreal stockbroking firm of Hanson and Ferguson, will retire from the representation in the British House of Commons of Bodmin, in Cornwall, at the close of the present parliamentary session, owing to ill-health.

Sir Charles has recently resigned as alderman of the city of London.

He has a partner of the late Sir E. Coates.

**Smoke T&B**

For enjoyment, fill your pipe with T & B

**Farm for Sale**

Situated on Robinson's Island, containing 125 acres of upland, about 60 acres under cultivation; valuable cranberry fields. Beautiful also location for hotel or summer resorts. Price reasonable. Apply Guardian.

**Farm for Sale**

In the village of Murray River, containing 65 acres, 25 clear, balance covered with hard and soft wood. Large house and barn in good repair. Five minutes walk to churches, post office, schools, and station.

For particulars apply Harry Bonnell, Hopfield.

Did this ever happen to you?

**Mentholatum**

For Insect Bites, Sunburn and Hay Fever

MADE IN CANADA

## A HUSBAND TO MARCIA

By CAROLYN BEECHER

Chapter V.

John Aldrich often felt a heart-sinking when the bills came in, but as far as possible he avoided mentioning this or saying anything about them to Marcia. They must be paid, but he wouldn't worry her about them. Yet occasionally he could not overlook some extraordinary expense. If he did he shuddered to think to what it might lead.

For instance, her taxicab bill. "You will have to use the stage more, Marcia, if you dislike the street cars and subways so much. I can't see that the taxicab is much better than the street cars."

"I have only had a taxi when it was necessary. Marcia's voice was cold as ice.

"What you consider necessary is not the question. I can't pay such cab bills." Perhaps John spoke more severely than he intended. Marcia burst into a flood of tears, unusual in her. Up to this time she had really cried but little. The suffusion of her eyes, the appeal of unshed tears had been sufficient to bring her husband to her feet. But she realized something before she had not heard before. Since the tears were not restrained, neither were the recriminations.

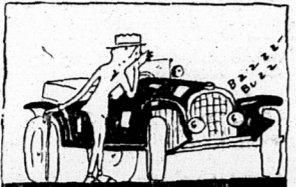
"I always said you should have married some common woman who cared only to ride in dirty street cars or the crowded subways," she declared, sobbing pitifully. As she never had said any such thing, never given this version of her oft-repeated remark about the sort of wife he should have married, it would have tickled John's sense of humor had the occasion not been so serious.

"I suppose I shall have to pay this, but remember, Marcia, I can't afford to pay cab bills of any amount." While he spoke John had been critically examining the bill. "It seems that most of the charges are on the days when you play bridge."

"You can't expect me to be the only who goes to the club in a street car!" Marcia sobbed.

"Then you will have to pay for your cabs out of your winnings," John said, and folding up the bill handed it to her. "I suppose I shall have to pay this, but remember, Marcia, I can't afford to pay cab bills of any amount." While he spoke John had been critically examining the bill. "It seems that most of the charges are on the days when you play bridge."

## NOISY FAN



O. H. writes: My engine makes an objectionable buzzing noise, which I traced to the fan, by holding it from turning while the engine was being run. What causes this and how can it be stopped?

Answer: Possibly one of the blades is loosely riveted and chatters or the fan may be loose on its bearings. If it has ball bearings and these have ever run dry for any length of time, their cups and cones may have become scored, under which circumstances they will never run quietly and must be renewed. We suggest that you see that the blades are tight and inspect the bearings. We assume that you have assured yourself that the blades do not touch anything, when they are in motion.

## Sale of Standing Grain

On Monday afternoon, August 29th, at 3 o'clock I will sell by public auction the standing grain on the farm lately occupied by Joseph Allen Smith, Johnston's River.

The terms of sale are cash.

J. A. MacDONALD, Auctioneer.

## S. S. HARLAND

For your pleasure and health a trip on the "Harland" is unsurpassed. You are offered the opportunity any Tuesday, Thursday, Friday and Saturday at 3 p. m.

Tuesday, Orwell return fare 60 cents.

Thursday, Victoria, return fare \$1.00.

Friday, East River, return fare 35 cents.

Saturday, West River, return fare 35 cents.

Be one of the large number who now take advantage of those very enjoyable excursions.

The accommodations are fine. We know you will be pleased with the results. Phone 773.

## Charlottetown Exhibition Tenders

Separate Tenders will be received by the undersigned up to and on Friday, the second September, 1921, for the following privileges at the Exhibition to be held in Charlottetown from the 27th, September to 1st, October 1921.

- For the privilege of catering under the Grand Stand.
- For the printing and selling of Score Cards for the Races.
- For the supplying of straw as required.
- For selling feed for horses, cattle, etc., on the grounds.
- For supplying pressed hay for race horses.

In Nos. 1, 2 and 4, the highest or any tender, and in Nos. 3 and 5 the lowest or any tender not necessarily accepted.

Conditions may be obtained at the Office of Charles R. Smallwood, Secretary, Treasurer, Charlottetown.

C. R. SMALLWOOD, Secy.-Treas.

## Reds Impose Rule Of Unfit Creamery Butter Making

Salvation for Russia Must Come From Within—Not From Without

## CHURCH ONLY HOPE

Premier of Australia Strongly Denounces Lenin and Trotsky

**LONDON**, Aug. 25.—The Church is the only saviour possible for Russia. The Russians must find a leader who will bear aloft the Cross with some great idea. It is a rule of the unfit that Bolshevism has imposed upon mankind. There is no salvation for Russia from without—it must come from within.

This was the declaration of Premier Hughes of Australia, at the Claridge Hotel, before starting on his homeward journey.

Premier Hughes in scathing language denounced Lenin and Trotsky, blaming them alone for Russia's catastrophe.

"We have seen the fruits of Bolshevism," he said, "in the destruction of a great Empire, whose morass of bloody murder, until people have waded through, there have come to a wilderness of famine. Twenty-two millions will surely perish unless the world brings aid.

"It is not the things that Lenin and Trotsky have done to the bodies of the Russian people that have destroyed them, but it is the things that they have done to the minds of the people.

"They have destroyed religion. Bolshevism stands for the destruction of civilization, which rests upon certain ideals. Those ideals being destroyed, civilization is destroyed."

## SECRET LETTERS DISCOVERED SHOW GERMANY WANTED WAR

BERLIN, Aug. 25.—A double system of diplomatic correspondence—one set of communications having been intended for the public records, while another set was sent for private use and disclosed the real mind of the writers—has been unearthed by the Bavarian Independent Socialists.

The discovery is hailed by them as throwing new light on the beginning of the war. Something of the kind was partially exposed when Kurt Eisner was Premier of Bavaria in 1919, and was vitally in supreme control. His murder hushed whatever might then have been published on the subject.

Now the Munich Morgenpost says proof of the double system has become available through the correspondence of former Premier Hertling of the old regime. It is charged that in addition to the regular, formal correspondence, which was open to all the embassies and foreign representatives, private letters were sent from Berlin by Von Hertling, which were only for the private perusal of those addressed by the real voice of German authority.

The private letters, according to the Morgenpost, tell truly the actual motives of Germany, in the beginning of the war. While the open correspondence shows Germany as wishing to realize the Versailles treaty, Hertling was privately promising German support to Austria in the matter.

## Storm of Feeling Raised

"Letters advising that the conflict be localized," the paper says, "were in effect a lie, which had been decided upon for purposes of official publication, but in private assurances sent out by Von Hertling the will of the Prussian General Staff in favor of an European war was made evident.

"The direct publication has raised a storm of feeling in Munich, although it seems to have made little impression in Berlin so far. Reactionary Bavarians have extended the publicity of it by emphatic denials. As their spokesmen they have chosen Dr. Durr, who once claimed to found the archives of the Ministry of War in Brussels. Information showing Belgium to have been the aggressor against Germany, Durr now denies there was any system of double correspondence in the German Foreign Office.

## Sorry He Spoke

At a dinner given recently, a young man, whose chief aim to distinction seemed to be an eyeglass and a drawl, said to a man near him:

"Beastly nuisance, isn't it? Spoke to that fellow over there, took him for a gentleman, and found he had a ribbon in his coat. The confounded head waiter, I suppose."

"Oh, no," replied the other, "that is the guest of the evening."

"Hang it all, is it?" said the other. "Look here, old chap—would you mind sitting next to me at dinner, and telling me who every one is?"

"I would do so with pleasure, was the reply, "but you see, I can't—I'm the confounded head waiter."

## Do not suffer from PILES

Do not suffer from itching, bleeding or protruding Piles. No surgical operation required. Use Dr. Chase's Ointment which relieves you as once and affords lasting benefit. 50c a box all dealers, or fifty cents free if you enclose this paper and enclose 2 stamp postages.

## Co-operative Creamery Butter Making

Co-operative Creamery Butter making is one of the most suitable and profitable of the stock raising enterprises undertaken in this Province. The separating of milk on the farm where it may be fed to calves or other young stock while containing the animal heat is much more valuable than skim milk returned from a Central Separator Plant that in winter must be kept several days and warmed to blood heat before feeding. It would be just as reasonable to haul grain in the sheep to the shipping point to be threshed hauling the straw and chaff home again as it would be to haul the whole milk five or ten miles to be separated instead of doing it on the farm and hauling only 10 lbs. of cream. However, under the Central Separating Plant there is probably a great deal smaller loss in butter fat than there is at a present, under ordinary farm practice. As the butter maker being a competent machinist would keep the separator in perfect working condition and no butter fat would be lost in separating. The cream separator is a machine that makes 700 or 800 revolutions per minute and as separation takes place by centrifugal force after being divided in thin layers it is absolutely necessary that the bowl or separating device of these machines be kept in perfect running order. A modern hand separator will skim perfectly clean, cleaner than the gravity system under the most favorable conditions, and when this product is selling for 40 to 60c per pound it is a fact that the loss in a skimming separator is not kept in perfect running order. We frequently hear complaints from patrons who are sending cream to the different creameries about their test of cream or percentage of butter fat. It contains a machine butter maker that is planned for careless work in this respect. These men as a class are competent workmen who have been thoroughly instructed in the operations of the Babcock Test, the accuracy of which has been established beyond a doubt. The standard by which milk should be valued, Mr. Morrow, the Provincial Dairy Inspector, who regularly visits the different creameries, examining carefully the percentage of over-run in the make of the test can give the correct answer. A good cream separator carried out of the farm separator that is offered him and the samples of cream delivered by these patrons and has discovered some alarming losses of butter fat in skim milk. A good separator will give 10 per cent. of the butter fat is frequent. If found left in the mill due either to the machine being badly out of order, or too low speed while operating, or to allowing the milk to be comp. to cold before separation. The loss of butter fat is anywhere from five to twenty-five per cent. and it is wise for every patron to keep a sample of his skim milk from time to time. His butter or cheese maker will gladly test it for him, or he can have it done by applying an Inspector. A good separator should be kept thoroughly oiled and the machine kept perfectly level on a solid foundation. We will recognize the importance of these instructions when we consider the process of separating milk. Cream being lighter than milk is separated by centrifugal force in passing through the bowl of the separator, and we will understand why the bowl must be running smoothly (without any shake or rattle, which will interfere with the thorough separation of the milk. Cream being of an oily nature separates much more easily and thoroughly when at blood heat. Therefore new milk should never be allowed to cool before separating.

## Co-operative Creamery Butter Making

Patrons of the creamery are frequently dissatisfied because the test or per cent of butter fat in their cream will often vary greatly from month to month. There are, however, many reasons for this variation, which any experienced dairyman can prevent. The speed with which a separator is driven has quite an influence on the density of the cream. Each make of separator is built to be operated at a certain number of revolutions per minute which will be found in the manual of the machine. It is wise to keep always a little above the number of revolutions recommended, as a slight lowering of the speed will at once cause a loss of cream, and very few men are competent to turn a separator at will without some thing being done. Some makes of separators are fitted with a bell to indicate the speed of the machine, which is most useful. However, turning the machine under watch will generally be sufficient to acquire the proper speed. Another condition that changes the percentage of fat in the cream occurs in the rate of speed at which the milk hits the bowl. If a machine is intended to be turned at sixty revolutions per minute and the milk is turned on while running at only fifty revolutions the first cream to pass but the cream screw hole will be the hand the entire separation

## Co-operative Creamery Butter Making

will be influenced by the way the cream screw is kept flushed off. If, however, the machine is running at a very high rate of speed, somewhat over the rated number of revolutions, the first cream to pass out the cream screw will be very thick and will to some extent gum up and reduce the size of the passage as if the cream screw were turned in. This will influence that entire separation or until the bowl is washed again, the cream will be much thicker, and a person operating a cream separator should see that the milk is always turned on at the same rate of speed each separation. The amount of water that is used in flushing out the bowl will also influence the fat percentage to some extent as will the variation in the percentage of fat in the cows milk, which any experienced dairyman knows varies from month to month due to a variety of conditions well known to any competent stockman. The Department realizes the serious loss in many of our dairy farms from faulty separation of milk, the dissatisfaction frequently met in cream gathering communities over the butter fat test, the number of hand separators that require adjustment, and the value of instructing patrons in caring for both their separator and cream demonstrations will be held at any center where a institute or number of farmers apply, at which cream and skim milk from separators will be tested. Mr. Morrow, and a demonstration of caring for the machine and cream given. Let everyone whether he is satisfied or not with the test he is receiving from the Creamery look carefully into the way his separator is working, and if necessary through skimming takes place. Even five per cent of a loss from this source in one million dollar make will amount to nearly \$50,000, and many separators are losing much more than this percentage. Take your sample from a skimming separator, and if you are not ordinarily followed in your general farm practice and have it tested.

## DEPARTMENT OF AGRICULTURE

## THE MARKETS

**MONTREAL**, Aug. 24.—There were no new developments in the local egg situation yesterday, the feeling being very firm under a fair demand for supplies for immediate consumption. The receipts were 2,280 cases, as compared with 1,615 for the same day last week, and 2,144 for the corresponding day a year ago. The exports of local egg situation yesterday were 3,382 cases, which showed an increase of 2,582 cases, as compared with the previous week, and a decrease of 2,963 cases with the same week last year, while the total shipments for the season to date are 23,797 cases smaller than the same period in 1920.

## Wholesale Jobbing Prices

Selected stock 45c to 46c.  
No. 1 stock 40c.  
No. 2 stock 38c.

## Condition of the Market for Maple Product

The condition of the market for maple product was unchanged. The demand continues to be exceedingly slow and the market is consequently dull, but as the offerings are not excessive, the feeling remains steady, with maple syrup quoted at \$1.45 to \$1.50 per gallon, and maple sugar at 15c to 17c per lb., as to quality.

A good steady trade continues to be done in potatoes, and the market was fairly active, with supplies ample to meet all immediate requirements and prices were unchanged, with sales at \$3 to \$3.25 per bag of 80 lbs.

## NEW YORK, Aug. 24.—EGGS

regular receipts 12,132 cases. Fresh gathered, extra firsts, 37c to 40c; fresh gathered firsts, 33c to 36c; Western Pennsylvania and nearby western hennessy, whites, firsts to extras, 47c to 59c, do, browns, extras 46c, to 48c, do, gathered, browns, and mixed colors, firsts to extras, 35c to 45c, refrigerator special marks, 35c to 38c 1-2c, do, firsts 34c, to 35c.

## NEW YORK, Aug. 24.—HOPS

firm. State 1920, 25c, to 30c; 1919, 20c, to 22c, Pacific Coast, 1920, 27c, to 31; 1919, 21c, to 24c.

## STOCK QUOTATIONS

**HALIFAX**, Aug. 25.—(Quotations furnished by Johnson & Ward, members of the Montreal Stock Exchange.)

Al.	83
Ar.	23
C.	31 1/2
Can. Pac.	115 1/2
Can.	68 1/2
Cru.	49 1/2
Mex. Pet.	90 1/2
Prs.	48 1/2
Rg.	65 1/2
Sp.	73 1/2
Stu.	66 1/2
X.	72 1/2
At.	120 1/2
Cns.	7 1/2

## Queens County Liberal Conservative Association

In accordance with the constitution an inaugural meeting will be held in the

BOARD OF TRADE ROOMS Charlottetown

On Tuesday, Aug. 30th, 1921

At 11 O'clock Forenoon

for the purpose of completing the organization of the County.

Liberal Conservative Voters of the County are invited to be present.

W. H. AITKEN, President

## PRINCE EDWARD ISLAND AGRICULTURAL & TECHNICAL SCHOOL

Five months' course. Tuition free. Students pay for board and text books only. Full courses in Arithmetic, English, Live Stock, Field Crops, Dairying, Poultry, Manual Training, Motor Mechanics and Blacksmithing. Write for calendar, application forms, etc. Send in your

application form. Unable to raise bail, he was remanded to the Tombs.

After the line-up of prisoners at police headquarters yesterday morning, Olsson told detectives that a "dead sure tip" on the stock market that turned out disastrously was responsible for his forgeries. As an auditing clerk, he said, as much as \$3,000,000 passed through his hands daily, and the large sums had not tempted him until he sought to make further provision for his family by taking "filers" in the market.

Olsson is married and has two children. He has been in the life insurance company's employ for seven years, rising from a \$6-a-week office boy to the position he held at the time he was arrested Friday in Stamford when he was leaving on an automobile trip with his wife and friends.

When the insurance company's counsel told Magistrate Corrigan that between \$35,000 and \$50,000 Olsson is said to have received by forgery was "floating around," the prisoner interrupted to say that his wife was on the way from the country, with keys to a safe deposit box in a bank at Eighth avenue and Fourteenth street, and that all the money he is alleged to have obtained could be restored. He informed the court that he had signed an order giving the Metropolitan Life officials access to the missing funds were intact in safe.

## FORGER PROMISES TO GIVE UP \$100,000

NEW YORK, Aug. 25.—After pleading guilty in the Tombs Court yesterday morning to a charge of forgery, Arthur E. Olsson, a \$50-a-week clerk with the Metropolitan Life Insurance Company, promised full restitution for some \$1,000,000, he is said to have obtained through check signatures other than his own.

Although Olsson admits having signed other checks, the specific charge made against him was that of forging a check for \$18,000 payable to C. Frederick Johnson, Magistrate Joseph E. Corrigan held the prisoner in \$200,000 bail, after counsel for the insurance company had objected to the \$10,000 originally fixed, and demanded \$25,000 bonds on the ground that only a portion of the money Olsson is alleged to have secured through forged checks has been discovered. Olsson told the court that all the missing funds were intact in safe.

## More Honors for Heintzman Pianos

MADAM MELBA, the world's Premier Prima Dona has lately purchased a style E. Heintzman Grand Piano for personal use in her home in Australia.

MADAM TETRAZZINI has also ordered a style G. Semi-Grand Heintzman for personal use in her castle in Rome.

With the pick of the world's best pianos at their disposal the selection of a Heintzman by each of the two most famous artists in the world is a wonderful endorsement of the quality of tone and other well-recognized features of this already world-famous instrument. It is PROOF that they are getting THE BEST PIANO THAT MONEY CAN BUY—AND NO OTHERS ARE SO WELL QUALIFIED TO JUDGE OF WHICH IS THE BEST.

Can any higher tribute be paid to the worth of Heintzman Pianos? It is proof positive proof—that when you buy a HEINTZMAN PIANO YOU BUY THE WORLD'S BEST PIANO. There is no difference in Heintzman Pianos except in the CASES. The action and tone is the same in the cheapest as well as in the most expensive styles.

## MINARD'S LINIMENT

YARMOUTH, N. S. The Original and Only Genuine. Beware of imitations sold on the merits of Minard's Liniment

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