

HINTS FOR The Motorist

BY ALBERT L. CLOUGH

CORK INSERT TRANSMISSION BANDS



S. S. asks: What advantage if any is there in the use of Ford transmission bands that have pieces of cork set into them?

Answer: We cannot say how cork inserts work out in this particular application, but they have been successfully used in brake shoes and in the engaging parts of clutches.

NATURE OF SPARK COIL FAILURES

J. H. G. asks: What actually happens when an ignition coil goes bad? Does it really "burn out" as it is said to?

Answer: There is usually no actual burning involved in such a failure. An ignition coil generates a very high tension current, one capable of sparking quite a distance, and this high tension current is generated in a small, closely wound coil, consisting of a great length of very fine wire.

INFLATION PRESSURE INQUIRY

C. M. McP. asks: To what pressure should the four-inch tires of my seven passenger car be inflated? It weighs 2,955 lbs.

Answer: The Society of Automotive Engineers schedule of loads and inflation pressures for a four-inch fabric tire is as follows: Five hundred lbs. load, 40 lbs. pressure; 500 lbs., 45 lbs. pressure; 625 lbs., 50 lbs. pressure; 650 lbs., 55 lbs. pressure; 750 lbs., 60 lbs. pressure; 875 lbs., 65 lbs. pressure; 975 lbs., 70 lbs. pressure; 1,000 lbs., 80 lbs. pressure.

STORAGE BATTERY ELECTROLYTE

Its Condition Means Long Life Or Premature Death To The Battery

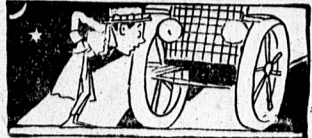
It is just about as good practice to try to maintain a storage battery without a hydrometer syringe as it is to care for tires without a tire gauge. The hydrometer costs little, but the battery is expensive and this little instrument, coupled with the knowledge of how to use it, is a money saver.

results in premature discharge. These are the reasons why pure water only should ever be used.

EVAPORATIVE LOSS FROM FUEL TANKS

F. M. writes: I have recently read an advertisement which states that 15 per cent. of the gasoline supplied to motor car fuel tanks is lost by evaporation through the hole in the filling cap.

Answer: Most certainly it is. The loss from this cause is trifling, indeed almost negligible in respect to other forms of waste. The space above the liquid in the fuel tank keeps filling with saturated fuel vapor and there is very little escape of this except when changes of temperature occur and then the loss is extremely slight.



however, the loss, such as it is, is of the most volatile constituents of the gasoline so that it is sometimes which it connects and these sockets hard work to start an engine on fuel that is so stale.

STEERING CONNECTIONS NEED ATTENTION



A. F. writes: Of late, when driving over "bubbly" roads, the steering wheel of my car jars my hand more than it used to and there is considerable rattling underneath, although I can find nothing loose.

Answer: The most likely explanation is that the end connections of the rod from the lower end of the steering column to the left knuckle are out of order. This rod usually has a socket at each end, into which are fitted with buffer springs, designed to cushion the shocks, which would otherwise be transmitted from the road wheels to the steering wheel.

WARM WEATHER AND GASOLINE SAVING

Although the war is over, the necessity for saving gasoline is hardly less pressing. Looking at the matter in the narrowest and most selfish way, wasted fuel means not only money out of the users pocket at the time but, in conjunction with the wastes permitted by all other users, it means a higher future price for gasoline.

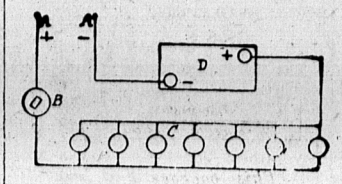
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rists object should be to avoid letting his engine cool down, in order that he may avoid not only the loss of fuel occasioned in bringing the circulating water to its proper temperature, but also that due to failure to burn of the heavier portions of the fuel, while the cylinders are still cold.

CHARGING FROM FARM LIGHTING PLANT.



X. ask: Can I recharge the 6 volt battery on my car by means of current supplied from a 32 volt farm lighting plant and, if so, how? Is it necessary to run the dynamo, while doing so, or can it be done from the battery direct?

Answer: You can charge from current supplied from the battery, with the dynamo shut down, and the connections should be made in accordance with the accompanying diagram, where AA represents any pair of wires in the farm lighting system, B a switch, C a group of lamps and D the car battery.

OIL-SOAKED TIMER WIRES

T. W. F. writes: My Ford lacks hill climbing power and overheats badly and I notice that the wires, close up to the timer, are badly oil soaked. Can this account for my trouble?

Answer: If your engine misses explosions, or the cylinders ever fire out of the correct order, there may be crossed due to faulty insulation of those timer wires, but if ignition is perfectly regular you can hardly suspect that these wires are causing trouble. They should be replaced, nevertheless, as they may fall at almost any time.

TRAVELLER'S REST SCHOOL CLOSING

The yearly examination and closing of the Traveller's Rest School took place on Wednesday afternoon.

Mr. Dalziel's Dept. Grade III—Josephine Haberlin, Catherine MacKinnon, Frances MacCormack, Rose Fairchild, Faustina Gotell, Dora Lavender, Mary Kehoe, Genevieve Solomon, Annie Murphy, Mary Batchelder, Estelle Salomon, Myrtle Ross, Joseph Mooney, Sarah McEachern, Dorothy Lavers, Madeline Johnson.

ST. PATRICK'S SCHOOL

The semi-annual examination of St. Patrick's School was held on Monday, June 30th in the presence of upwards of fifty ratepayers and visitors. The examination was conducted by their teacher Miss Agnes O'Connor.

Dear Teacher:—We the pupils of St. Patrick's School assembled here today, we feel as though that we cannot let an occasion pass without showing in some tangible form our appreciation of your earnest endeavors to instill into our youthful minds the first principles of a good education.

MOUNT PLEAGANT SCHOOL CLOSING

The closing exercises of Mount Pleagant School took place in the school-room on Wednesday afternoon, June 25 in the presence of a large number of visitors and ratepayers including the trustees and secretary.

GEORGETOWN HIGH SCHOOL

The closing exercises of the Georgetown High School took place in the Town Hall at 2:00 o'clock. The following are the list of winners of certificates in the several grades.

We have assembled here on this the closing day for this school year, to extend to you a few words of farewell. As we look back over the past five years in which you have labored among us, a feeling of sincere gratitude uprises within us. Such a term as this in a school district casts a reflection of an ability in the work in which you are being employed.

STURGEON SCHOOL CLOSING

The closing exercises of the Sturgeon School took place in the school room Friday, June 27th.

The prizes were awarded to the different Grades and after which the pupils of Grade VI presented the teacher Mr. E. J. Morrissey with some very useful presents.

TRAVELLER'S REST SCHOOL CLOSING

The yearly examination and closing of the Traveller's Rest School took place on Wednesday afternoon. There was a large assembly present including parents, ratepayers and visitors.

SEA COW POND SCHOOL

The closing examination of Sea Cow Pond was held on Friday, June 27th in the presence of a large number of ratepayers and members of the school board.

Principal's Dept. Honor List—Governor General's Medal Eileen Hibbert Shield (History) Isabel Morrissey, J. D. Stewart, Prize (English) Katie Fraser, T. Morrissey, Medal (Writing) Kathleen Fairchild, ( ) Prize for English (by Mrs. Hibbert) Dorothy Doyle.

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Maxwell: advanced by fine engineering. FIVE decided improvements have been made in the Maxwell. One makes it look better. Another makes the electrical unit far more efficient. A third makes the engineer run sweeter, steadier, and gives it advanced economy. A fourth adds a comfort in seating. A fifth produces increased durability in the top.

Little Sands School. The annual examination of the Little Sands school was held on Friday, June 27th. Besides the pupils nearly forty parents and visitors were present. The pupils were examined in their studies by the teacher Miss Mabey and showed a good knowledge of the subjects taught.

Shelter from the BURNING SUN. Introduced 40 years ago - still the best: Mennen's TALCUM POWDERS.

DODD'S KIDNEY PILLS. RHEUMATISM, BRIGHT'S DISEASE, DIABETES, BACKACHE. 23 THE PRO...