

### THE LADY AND THE HAIRPIN

Introducing a New Member of the Automobile Tool Kit—Mechanical Miracles Wrought by Woman's Traditional Weapon

By Florence M. Foster

Everybody is familiar with the old ballad, "For want of a nail—a kingdom was lost," and all the other variants incidental to "the lack of a horseshoe nail."

Certainly much worry may be lost by the use of a hairpin in simple repairs for the motor car. The stout wire hairpin is a first cousin in handy usefulness to the storied nail. A box of heavy wire hairpins and one of the invisible variety are surprising assets in minor emergencies. We have tried them and we know. They come in the most convenient lengths, are adaptable, and easily applied, necessitating nothing but a pair of pliers and a little ingenuity. Therefore carry these trouble-chasers conveniently.

No fan-belt is immune to wear. It may break at almost any time. And this striker soon stirs up trouble. The overwarm motor will probably send out an SOS call by causing the radiator to boil over. A wire hairpin may be easily threaded through the leather even though the break comes where holes haven't been left by stitches. Should your awl be in the depths of your tool chest, your hairpin may be used for making holes through the belting before fastening

with the hairpin. This temporary repair will last until you can get where a more permanent one is available. In the mountains of Colorado we drove in high altitudes over forty miles with a fan-belt repaired by a hairpin. Even upon reaching Denver the belt was still performing efficiently and would have lasted much longer.

As an instrument for tire preservation the all-in-all hairpin likewise excels. Any shoe is likely to become pitted with many little cuts. Naturally dust, and even fine stones enter. The curved end of the hairpin is entirely efficient in removing these foreign substances. In addition, when you get ready to fill in the cuts with tire dough, the hairpin again is for more efficacious than the screwdriver for plugging the tiniest tire wounds.

Right along in a similar connection, the hairpin end may be spread, spatulate in form, for filling grease cups. It is convenient, effective, and makes the task less cozy. Should any oilhole become clogged by dust or dirt, the hairpin again may be used in the guise of an awl for removing these clogging bits. Another awl-use comes when the little homely substitute aids in picking out broken stitching

in the upholstery or when the mica becomes broken in the car light. Closely akin to this function is using it as a bodkin for pulling through binding cords which may have loosened in the slip-on upholstery covers or threading through anything else.

Wires are acutely sensitive to wear. When any metal cable becomes worn, instant rewinding is necessary or a short circuit may result. The fine wire hairpins, if wound tightly, make an excellent broken-cable reinforcer. And insulation may be obtained by winding the result either with bicycle tape or heavy twine. Battery terminals may have their lives enhanced surprisingly by this repair.

Cotterpins are great loiterers, constantly dropping by the roadside. A hairpin reduces this loss to a minimum, although a box of assorted sized cotterpins ought always to be accessible. Once in a while a sparkplug threading may become a bit worn, thereby permitting the issuance of oil. This means merely that the sparkplug leaks where the threading is worn. The appearance of oil can be prevented by winding the spark-plug threading with a fine invisible hairpin.

Again when a little catch on your mudchains refuses to function the chains may be secured by winding the links together with a hairpin. The only precaution necessary is that the ends of the wire are fastened so that they cannot impale the tires. As a grand finale where the humble hairpin may actually play a leading part in a major necessity, comes its use when the inescapable tow confronts one. There is always a possibility of losing the towline hookpin. In this case the grapple hook may be

### REX LA PRARIE MAKES RECORD RUN

Rex La Prarie is being congratulated on what appears to be near a record run from here to Portland, which he recently made in a new Oakland sedan.

The distance traversed is practically four hundred miles and the run was made on a consumption of gas that averaged 27 1/2 miles to the gallon and a quart of lubricating oil for the trip. And in the trip, from Ashland on, he ran continuously in high gear. The record is the more remarkable owing to the fact that in many places on the route, he ran into stretches of water, eight to ten inches deep, and these miniature lakes, left by the heavy rains and snow, extended in some instances from a half to a mile in length. Notwithstanding this he says he had an uneventful trip not broken, even in Corvallis, where the Sunday lid is shut down so tight that there is nothing "open" except the churches.

### Keeping Cotter Pins

A very convenient method of keeping cotter pins of assorted sizes is to string them through the eyes on a bit of string or wire. In this way when the whole lot is picked up it is easy to select the size needed, whereas in fishing through a box of loose pins there is much chance for lost temper.

made to hold by wiring it tightly with a heavy hairpin.

From the actual uses involving the hairpin, then, it would seem that nothing is too humble to lend surprisingly satisfactory aid in little carping maladies. Surely this bit of wire has earned a worthy place in your tool box.

### Short Circuit in Battery

Nothing will so completely discharge your storage battery in a short time as a short circuit in the electric system. To guard against short time circuits occurring watch your ammeter—a discharge reading when current is not being used by lights, starter, etc., indicates trouble. If the ammeter does not register correctly have it repaired immediately. However without the ammeter as a guide you can still ascertain if there is a current leak by opening the switches, removing a terminal from its connection at the battery and quickly touch to the lead where it is fastened, noting when the battery lead and cable come in contact if a spark occurs. If the electric system is short circuited somewhere and should be tested, the leak located and repaired.

By putting off the renewal of your subscription until the last minute, you may be too late to get the benefit of the special rate. It will not be extended beyond December 1st.

### Loss of Current in Battery

A storage battery may be constantly discharged by a ground or short circuit in the electric system, overtaxing the strength of the battery, too much use of the starter, the lights, by carrying too many additional accessories which require electric current or by having lamps of too high candlepower or low efficiency. Leaking electrolyte from the battery cells will also weaken the battery constantly, as will an insufficient current charge from the generator.

By putting off the renewal of your subscription until the last minute, you may be too late to get the benefit of the special rate. It will not be extended beyond December 1st.

### 50,000 PEOPLE AT LOS ANGELES AUTO RACE

LOS ANGELES, Nov. 26.—Thirteen drivers, including a half dozen of the best known in the country, roared around the Beverly Hills speedway here Thanksgiving Day before a crowd of spectators estimated by the management at more than 50,000 persons. Eddie Hearne of Los Angeles won the event and Tommy Milon came in second, thereby taking the lead in the contest for seasonal points, and heading out Roscoe Harke, who was forced out of today's race at the 120th lap.

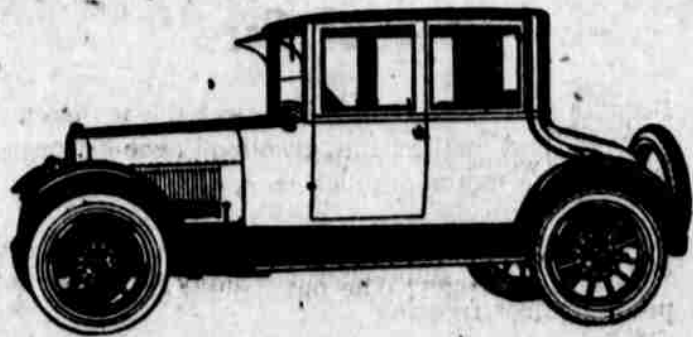
The track was slippery from showers that fell intermittently during the first hour of the long grind, but despite the danger from skidding the racers kept right along at an average speed among the leaders of 110 to 112 miles an hour. They took the banked turns at a rate that brought gasps of apprehension from the spectators but not a man was hurt and not a car was damaged.

The racers finished with Hearne first, time 2 hours, 16 minutes and 55 seconds for the 250 mile distance. Milton was second; Frank Elliott third; Jimmie Murphy fourth; Harry Hariz, fifth; Eddie Miller, sixth; Ralph de Palma seventh; Joe Thomas eighth, and Art Klein ninth. The other contenders were forced out at various stages of the contest.

# Buick Sales and Service

Seventh and Klamath Avenues

## Consistent Buying Denotes Buick Quality



The adaptability of the Buick car to Klamath county ruggedness is proven by the satisfaction of all Buick owners.

Inspect our cars today.

## We have some bargains in second hand cars that you should inspect immediately.

- 1 1921 Seven passenger Buick Six
- 1 1920 Ford Sedan
- 1 1918 Buick Six
- 1 1918 Seven Passenger Buick Six
- 1 1917 Buick Four
- 1 1920 Chandler Dispatch

These cars are real bargains.