

exposes much less surface to the road than a soft tire, and also deflects sharp objects that would penetrate a soft tire.

Running a tire flat, even for a short distance, is sure to be costly. Better run on the rim, very slowly and carefully, rather than on a flat tire.

Remember that fast driving and skidding shorten the life of the tires. Avoid locking the wheels with the brake—no tire will stand the strain of being dragged over the road in this fashion.

Avoid running in street car tracks, in ruts, or bumping the side of the tire against the curbing.

The wheel rims should be painted each season and kept free from dust.

When a car is idle for any appreciable length of time, it should be jacked up to take the load off the tires. If the car is laid up for many months, it is best to remove the tires, and wrap up the outer casings and inner tubes separately, and store them in a dark room not exposed to extreme temperatures. Remove oil or grease from the tires with gasoline. Remember that heat, light and oil are three natural enemies of rubber.

*How is a puncture in  
the Inner Tube repaired?*

### *Answer* *No. 108*

After locating the puncture, carefully clean the rubber around the leak with benzine or gasoline. Then rough the surface with sandpaper from your tire repair kit to give a hold for the cement. Apply the cement to both patch and tube, allowing it to dry for about five minutes, repeating the application twice with like intervals between for drying. When the cement is dry and sticky press the patch against the tube firmly and thoroughly to remove all air bubbles beneath it and insure proper adherence to the surface—then spread some soapstone or talc powder over the repair so as to prevent the tube sticking to the casing. Before the tube is put back into the casing plenty of talc powder should be sprinkled into the latter. A cement patch is not usually permanent and the tube should be vulcanized as soon as possible. In replacing the tire on the rim be very careful not to pinch the tube.

IMPORTANT—Read carefully chapter on Lubrication, page 53