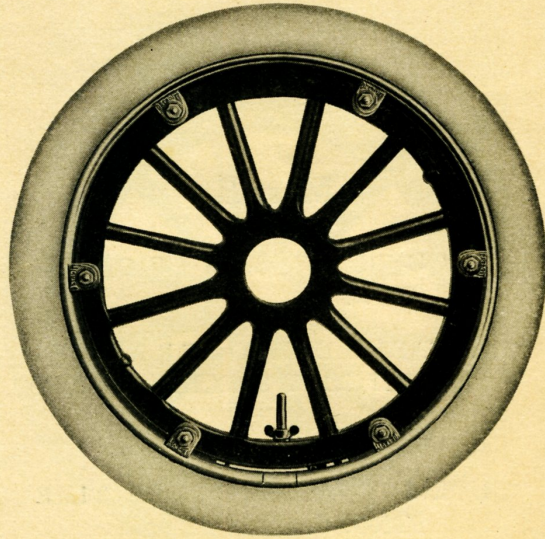


**Detroit
Demountable
Rim**

**The Perfect
Rim**

**Detroit, Michigan
U. S. A.**

Detroit Demountable Rim



**Its Record Substantiates Its
Every Claim for Consideration**

Detroit Demountable Rim Co.

**247 Jefferson Avenue
Detroit, Michigan**

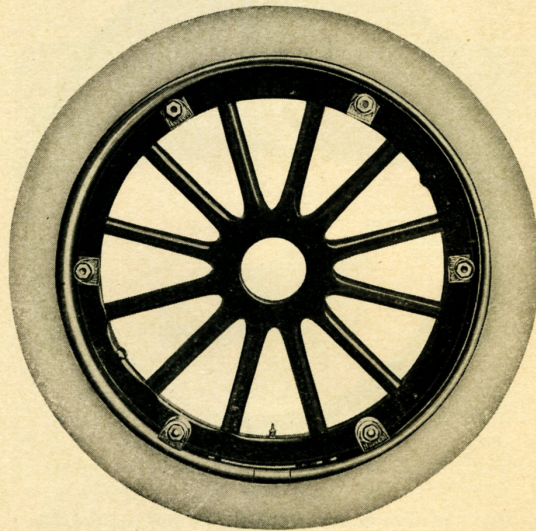
Phone Cherry 2716

The Perfect Demountable Detachable Rim

The Rim that SAVES TIME and TEMPER

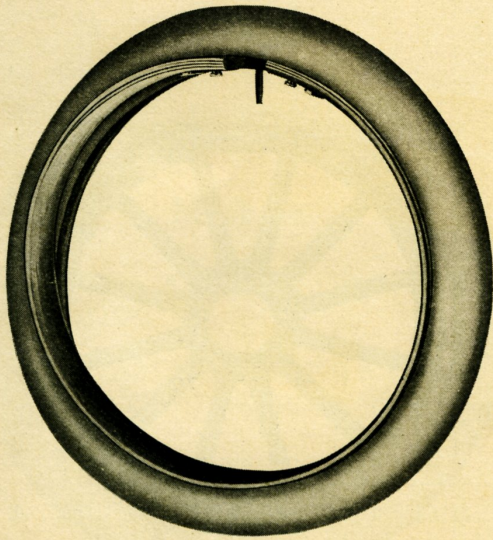
Must Be

1. QUICK AND EASY OF OPERATION.
2. CAPABLE OF OPERATION WITHOUT SPECIAL TOOLS
3. POSITIVE.
4. LIGHT—AT THE SAME TIME STRONG.
5. LOW OF COST.



QUICKNESS AND EASE OF OPERATION of the "Detroit" is proven by the fact that the loosening of but four nuts and the half turning of four wedges on their bolts, permits of the immediate demounting of the rim and tire from the wheel.

THE MOST READILY DETACHABLE RIM



When demounted from the wheel, in the hands of the user, the used or rusted-on tire can be more easily and readily detached from the "Detroit" than from any other demountable rim made. This is a strong statement and is made possible only because of the "cut-out section construction" of the "Detroit," which permits of such a liberal contraction of the rim on the base of the tire as to make it impossible for a rusted-on tire to cling to the rim.

The Only Detachable Rust Proof Rim



The average user of a "Detroit" Demountable Rim can, with but little difficulty, detach same from a deflated tire, using no tools aside from his hands and possibly an ordinary sized screw driver, and can mount a new tire upon the rim in the same way. For the convenience, however, of "Detroit" users, a simple expanding and contracting tool is furnished, by means of which, when the cut-out section is removed from the rim, the two ends can be drawn close to either side of the valve stem, at which point the tire is easily placed on the rim. The same tool will, even though the new tire may be slightly undersized, expand the rim on the inside of the tire, sufficient so that the cut-out section can readily be inserted.

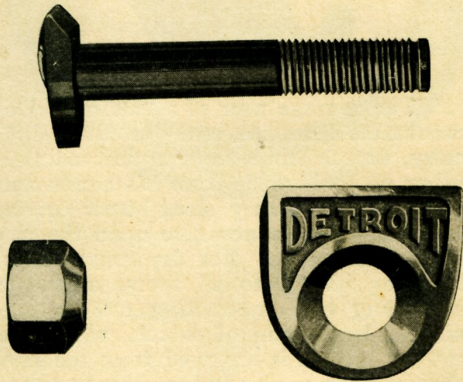
The Rim with the Chance of Trouble Gone

POSITIVENESS of the "Detroit" is provided:

1st. By the type, number, strength and special construction of the bolts, nuts and wedges used.

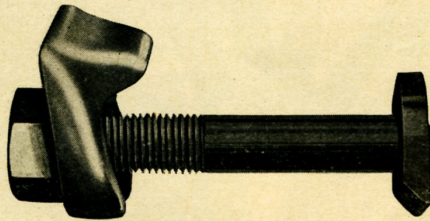
2nd. By the number of bearing points and by the V Block construction.

Each "Detroit" rim is bolted to the wheel by six carbon steel bolts and supported by six substantial wedges. The wedges have socket faces and are forced to their position by ball-faced steel nuts.



This construction provides a perfect bearing between nut and wedge and permits of the greatest pressure, without danger of breakage of wedge, or the bending of the bolt.

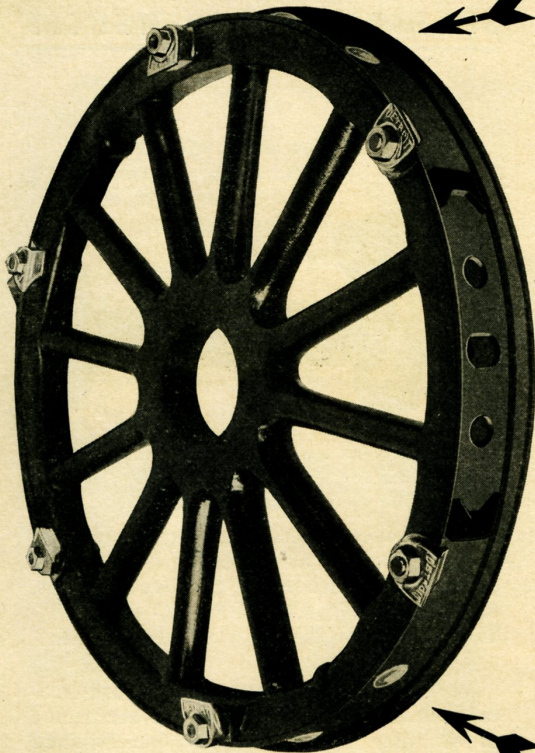
SELF RELEASING WEDGES



The ball and socket construction also provides a self releasing wedge, releasing itself at all times without injury or damage, either to the wedge, nut, or bolt. NO OTHER CONSTRUCTION HAS EQUAL ADVANTAGES.

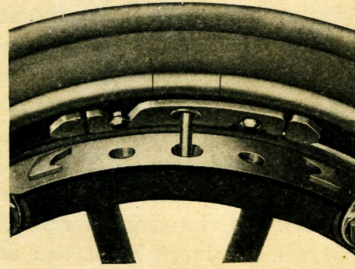
At least six liberal wedges are provided upon each wheel, as an assurance of stability and to supply the balance of carrying points necessary in every rim construction to prevent squeaking and other uncertainties.

POSITIVELY CENTERED RIM



Each "Detroit" rim is supported on its entire inside circumference by the felloe band, and by twelve carrying points, "nibbed" into the base of the felloe band—two points between each pair of wedges—this construction also gives a positive centering of the rim on the wheel and is an EXCLUSIVE FEATURE of the "Detroit."

The Rim Adopted by Thirty Auto Factories Because of Its Record



The V block is also an EXCLUSIVE and strong feature of the "Detroit." In fact, without a similar locking device, a split rim cannot be produced and MAINTAINED satisfactorily.

The V blocks are riveted, the male block to the face of the rim on each side of the cut-out section, the female block to the felloe band on each side of the valve stem opening.

Split—But Not Dependable on Tire Inflation

As the Rim is placed on the wheel, the male block fits closely into the female block, thus preventing any possible separation in the rim at the cut-out section, making it as strong at this point as a continuous rim would be, and removing all necessity for dependance on tire inflation to maintain the rim circumference. Any variance in rim circumference, as is well known, produces great tire strains and invariably noisy and squeaky rims.

The V block feature is absolutely essential in the prevention of longitudinal or lateral motion in a demountable Rim.

By the use of the V blocks and bearing points the "Detroit" is produced so perfectly and uniformly in circumference that it easily meets the critical inspection of the Tire Companies. The "Detroit" is made to take any make of tire, either clincher or straightside.

As Light as the Lightest--As Strong as the Strongest

The simplicity of the "Detroit" accounts for its LIGHTNESS. A rolled rim with a section cut-out and replaced by means of a swivel plate attached to its under face, makes a rim as light as it is possible to make a demountable detachable rim and preserve its strength. The method of mounting this rim on the wheel—by V block construction—provides a rim as strong as any continuous rim, and as positive as the heaviest and most complicated construction. By comparison, a complete set of "Detroits" have been found as light as a set of the standard Q. D. type, and fully one hundred pounds per set lighter than some of the more complicated demountable rims.

The LOW COST of the Detroit is made possible primarily because it requires less material, fewer manufacturing operations in its production, and still less operations in its assembling, than any other Demountable Detachable Rim. The quantities in which the "Detroit" are being produced also has its influence. Three distinct sources of manufacturing supply furnish "Detroits" to the large number of present users.

Detroit Demountable Rim

A complete set of rims consists of 4 felloe bands, 5 removable rims, the necessary bolts, wedges, nuts and felloe plates, 1 brace socket wrench and 1 expanding tool.

PRICE LIST

	Complete Set	Removable Rims Each	Felloe Bands Each
30 x 3½ to 36 x 3½	\$30.00	\$4.00	\$3.00
32 x 4 to 36 x 4	35.00	4.50	3.50
34x4½, 36x4½, 36x5	40.00	5.00	4.50
All sizes 38-in. to 42-in.	50.00	6.50	5.00
Cut-out section			1.50
Brace socket wrench			.75
Expanding tool			.75
Wedges			.15
Bolts, each			.15
Nuts			.10
Felloe plate, each			.05

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