COMFORT IN RIDING IS MAJOR PROBLEM

For Easy Travelling.

serious scientific study to the rid- society's journal, O. C. Mock analing qualities of automobiles with yzed the action of simple single a determination to find out what springs and of the combination of makes a car comfortable or uncom- front and rear springs on automofortable to ride in and to improve biles. the riding characteristics. This is Discomfort felt by the passenger ing period of around or below 100 a complicated problem that involves he found, was due to force im per minute, while pitching motion physical effects, mental reactions and pressed on his person by upward etween 120 and 160 per minute is the physical properties of springs, movements of the car body and by distinctly disagreeable. The coupe

All that is finest in motor car enjoy-

ment-all that the heavy, cumbersome

cars can give—the Chrysler Six affords.

More than that, it joins to these ad-

vantages the glorious performance

and driving ease in which the Chrysler

Six surpasses anything the industry

It does all this at a low first cost-

and low after-costs - which would

enable you to buy and keep two

Chrysler Six cars at approximately

the cost of one of the heavier, older-

The Sedan

has known.

noise, and many other factors.

ing comfort. In a comprehensive Engineers Studying New Methods paper on spring dynamics delivered at the semi-annual meeting of the Society of Automotive Engineers and Automotive engineers are giving printed in the July issue of the

Exploded! The Idea That

Car Luxury Means High Cost

We are pleased to extend the convenience of time-payments. Ask about Chrysler's attractive plan. Chrysler dealers and superior Chrysler service overywhere.

CLARK BROS.

371 King Street.

Everyone is praising the beauty,

power and performance of this

great Six. Sales are soaring steadily

In all the showrooms of Canada no other car can show

you dollar-for-dollar value on a par with the value offered

Compare it for beauty . . . style . . . comfort . . . power . . . smoothness . . . pick-up. Compare it and test it every way you please, and you will discover at once the many unusual advantages of the new Overland Six Coach. A perfectly balanced, full-sized, five-passenger Coach with

a 38-horsepower engine. 1123/4-inch wheelbase. Beautiful finish. Exceptional leg room and comfort.

52 weeks to pay, beginning with a small down payment. See this car today. Get a demonstration.

in this great car.

tires, steering mechanisms and other the rate of change of the force. Ac or roadster, with most of the and tiring.

of force and its rate of application, not stiffen the springs. are increased markedly by either stiffness or friction in the springs.

The best riding cars have a pitch-

fashioned vehicles which might com-

Space engineering makes the Chrysler

Six a revelation in generous roomi-

ness. Its roadability and ease of rid-

And Chrysler is unsurpassed, too, in

that plain, old-fashioned, common-

sense economy that enables you to do

We're downright eager to have you

put this car through its paces-with

you at the wheel. Come in and try it.

pare with Chrysler in quality.

ing are unsurpassed.

more with your money.

Telephone 2357f.

De Luxe Sedan \$1638

F.O.B. Factory.

Taxes Extra.

OVERLAND

COACH

with FOUR

Cylinders

parts of the vehicle, vibration and upward force of more than 300 weight near the middle, pitches pounds was distinctly uncomfort- much faster than a long car with Spring action, as comprised of the able, but smaller forces, changing overhang at the rear, the easiest springs, the tires and the seat rapidly or repeatedly for a long riding car being one with the encushions, has most to do with rid- time, also became uncomfortable gine well forward and luggage and spare tires mounted on the rear. The more flexible the spring the Shock absorbers, said the speaker, more efficient it is in decreasing the should not resist the compression upward force agaainst the car body of the springs but should slow dow and the rate of increase of pressure the return of the spring to and past against the passenger. The amount its normal position, and they should

Is Announced by the Reo. Motor Car

Considerable significance attaches to the announcement just made by the Reo Motor Car Company concerning the new Heavy Duty Speed Wagon, a vehicle designed to handle loads ap-

proximately two tons. The purpose of the Heavy Duty Speed Wagon is to make available the factors of economy and fleetness for the hauling of loads which-by reason of bulk or weight-are not suited to the Speed Wagon qualifications. An increased wheelbase, stronger springs and a heavier frame better adapt the Heavy Duty Speed Wagon to such service as lumber hauling, furniture moving and other classes of carrying where added chassis length is desir-

That the Heavy Duty Speed Wagon can maintain fast schedules with passenger car smoothness is due to the use of a 6-cylinder engine, pneumatic cord tires and a spiral bevel gear drive. The same speeds when returning empty, without undue shock or jar to the chassis parts—a feature decidedly not present in the average 2-ton truck. It is a seeming paradox that any vehicle can travel faster when loaded than when empty; the explanation is that without the retarding influence of the load, vibration is allowed full play, and vibration is one of the greatest destructive forces in commercial car operation. In the Heavy Duty Speed Wagon, vibration is largely absorbed by the tires and springs, and finally by the double-frame-a distinctive Reo

Like all Reo products, the Heavy Duty Speed Wagon is designed and manufactured complete in the Reo shops-not merely assembled from parts supplied by different manufacturers. The stated advantages include; better balancing of relative strengths, a single standard of quality, closer inspections and centralization of responsibility.

The 6-cylinder engine is husky and powerful, and of time-proved efficiency. It has a 4-bearing crankshaft and a exceptionally large cooling area. A 13-plate clutch, large gears, smoothly operating spiral bevel gear drive, and a semi-floating axle-possessing the advantages of the full floating type without its disadvantages-are among the mechanical features deserving com-

On examination, the combination stake and rack body shows the use of highest grade materials and careful workmanship, comfort for the driver being a pronounced feature.

SIGNAL NOT ENOUGH IN TURNING CORNERS

Judge Decides Motorist Must See That His Signal Is Observed.

According to recent judgment in an appeal case, it is not sufficient that a motorist signal that he is about to change the direction, slow down or stop, but he must also ascertain that the signal is observed by other users of the highway concerntice Orde. Just how a driver is to ascertain this drivers will ask in vain. The adjutant in charge of Canadian Mechanical Transport during the war hazards the opinion: "I suppose every blinking vehicle will have to be equipped with a radio receiving and broadcasting set now."

Commenting on Mr. Justice Orde's declaration, Mr. Justice Middleton remarked: "That is the maritime law; a signal is never assumed to be heard until it is answered."

This comment was made in the appeal of Joseph Richechi from the decision of Judge Gauld, awarding F. C. Cooper \$120 damages. One Sunday evening in August last, Richechi and family were driving from Beamsville to Hammilton. Mrs. Cooper was driving family party in her husband's car from Hamilton to Beamsville. At place where a private drive seemed an opportune place to turn, Mrs. Cooper cut in across the line of traffic. The Richechi car bumped the Cooper car and both cars were

Richechi sued for 120 damages. Cooper counter-claimed for a simflar amount. The case was tried by Judge Gauld. The plaintiff's action was dismissed and judgment entered for Cooper at \$120.

"Where automobile people go wrong," said Justice Middleton, during the hearing of the appeal. "is that they assume that they are lords of the highway."

"Where can a motorist turn if not as here?" asked G. C. M. German, for the defendant,

"It is dangerous on the Hamilton highway at any time, and the greatest care must be employed." said Chief Justice Latchford.

Justice Lennox of the opinion that the judgment was previously wrong. The second divisional court allowed the appeal, entered judgment for the plaintiff for \$120 and dismissed the defendant's counter-

CAUTION AND CHAINS.

"If you are thinking of taking to mobile drivers.

Observe the special equipment: balloon tires with steel disc wheels, nickeled radiator shell, front and rear bumpers, motometer with lock, windshield wiper, cowl lights, scuff plates and special body striping.

Dode-Brothers

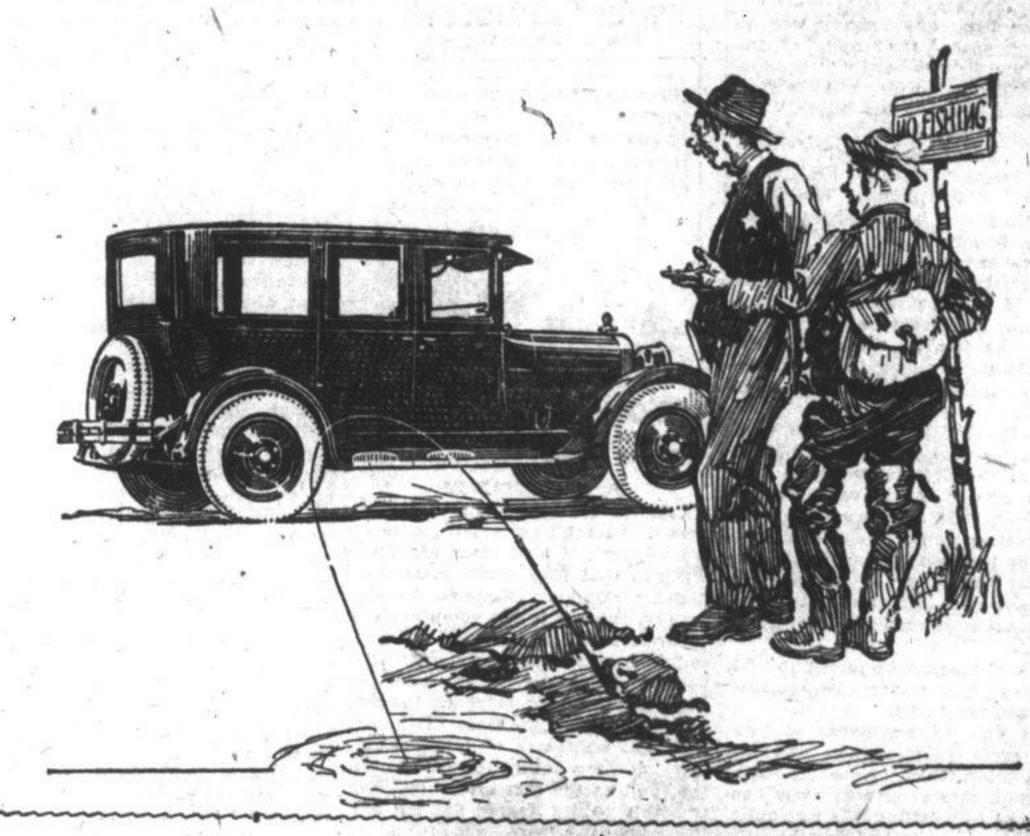
SEDAN

SPECIAL

Then consider the sturdy and dependable character of the car itself and you will understand why it is equally attractive to men and to women -and exceptionally attractive to both

Five Balloon Tires

M. OBERNDORFFER 124 CLARENCE STREET,





Reo offers the Heavy Duty Speed Wagon for the economical and expeditious hauling of loads approximating two tons.

Traditional Reo reliability is evidenced in every part. Inherent Reo carefulness is incorporated in the selection of materials, the character of workmanship and the standards of inspection.

Reo's twenty years of automotive engineering predetermine the correctness of every detail of design and construction. Institutional stability guarantees its permanence.

Low-cost operation, loaded or empty, is established by the small investment, low fixed charges, dependability of performance, relatively light weight, celerity of travel, and such chassis features as:

Husky six-cylinder engine-high-powered, and developed and tested by years of usage,

Double-frame anchoring of major units-long a Reo feature,

Spiral bevel gear drive putting smoothness and quietness into rapid

Heavy, rigidly-braced frame—13-plate clutch—pneumatic cord tires— powerful brakes—oversized vital parts complete electrical system,

Manufactured as an entirety (not assembled) in the big Reo shops, and promptly serviced by Reo dealers or Reo factory branches throughout the

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REO MOTOR CAR COMPANY OF CANADA, LIMITED, Windsor, Ontario

OVERLAND COMMI

ARTHUR CALLAGHAN 210-214 Wellington Street, Kingston motor tourists. The reason for such | find conditions about the same as | much more valuable on the dirt, clay

yourself with plenty of chains" sug- slippery. In the east most of the chains, although good preventatives daily inspection of the car after or gests the National Safety Council to roads are paved so that tourists will of skidding on paved roads, are before the day's run.

precaution is apparent to most auto- in the city in which he lives. In the or sand road, because they get betmiddle west fewer roads are paved. ter clinching contact with the road the open highways in your automo- "Country roads are in many Improved roads and those consisting surface."

bile this summer, on an extended ways more dangerous than city mainly of dirt, clay and sand are all Another suggestion by the Nacamping trip, be sure and provide streets when they are wet and dangerous in wet wether. Non-skid tional Safety Council to tourists is