GLASS

WINDSHIELD WINGS

brass nickel-plated fit-

tings; very handsome and

Regular Price.....\$20.00

SALE PRICE \$11.95

BIKE TIRES

worth \$4 and \$5.

PEERLESS

Sale Price

with rivets.

Finest quality; best non-

Sale Price \$1.84

AMERICAN BEAUTY

Ford Cork-Faced

Transmission Lining

lining, faced with cork;

complete set of three bands

Usual Price.....\$3.00

SALE PRICE 98¢

A good grade of cotton

popular.

Plate glass with solid

"ROAD HOG" GROWS IN PUBLIC DISFAVOR

Joy Taken Out of Motoring, Lives Endangered.

DRIVERS POLITE

all Autoists Know How Quickly Big Car Pulls to One Side at First Toot of Horn

With the rapid increase of motor travel on the nation's highways, there is a growing demand that all motorists observe with greater care some of the simple rules of fairness and safety.

The driver who refuses to show courtesy to other cars is growing in disfavor, and his unpopularity bids fair to increase rather than grow

One of the most despised types of discourteous driver is the one termed inelegantly but quite accurately the "road hog." He is the fellow who insists on taking two-thirds of the road and crowding your car off the paved road when you meet him, or who refuses to turn out so you can get by when you overtake him. By his tactics he not only takes joy out of the lives of other motorists, but also actually endangers their safety.

Truck Drivers Courteous. Passenger car drivers might well follow the example of drivers of mo-tor trucks on this point of giving the other fellow his share of the road. Every motorist who spends much time on highways frequented by motor trucks knows that there ms to be a feeling of pride among truck-driving fraternity in hav ing trucks show every possible con-

sideration to other cars.

It is a much less simple matter for a big truck to pull to one side than it is for a light passenger vehicle, yet many a motorist touring on heavily traveled roads will remember with what cheerful quickness some heavily loaded truck pulled to one side to let him pass at the very firs

blast of the horn.
In searching for a reason for the almost uniform courtesy shown by truck drivers, it is not necessary to look far. Nearly every motor truck bears conspicuously the name of the firm which owns it.

Truck Is an Advertisement. That truck is a touring advertise-ment of the company. Every truck driver who is proud of his company knows that no easier method could be found of establishing good will for it than by manifesting on the high-way the courtesy and fair dealing way the courtesy and fair dealing

firm stands for.
passenger cars were similarly placarded with the names of their investigation.
owners, some drivers who now dash along the turnpikes with little regard for other people's rights or com-fort might join the army of those

MACK OFFICIAL.

Cities, and Designed to Reccive Small Loads.

Freight terminals designed and op-

and capacity of highways will come increased demands upon the traffic resources in cities, and that the result will be serious congestion unless city traffic facilities are increased to off-set the effects of outside highway construction. Since it is practically impossible to build more city streets or to widen them, it will be necessary or to widen them, it will be necessary to distribute freight more efficiently.

This can be done by establishing strator in the new car you have bought, running it looks just as easy handling small shipments, similar to a giving candy to a child, but when one of Novel Uses to Which Passes.

the ratiway terminals, each to serve as a clearing house where outgoing and incoming loads can be assembled.

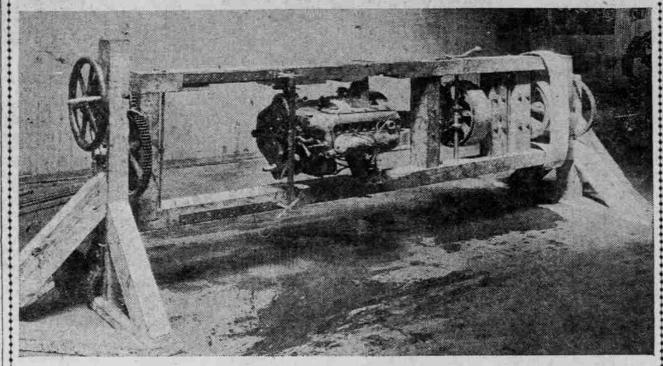
About the first trouble you have is and distributed. Such a system im-plies the co-operation of the motor express concerns both in delivering merchandise and in obtaining return

"Operated either by private con-cerns or reciprocally by the express concerns themselves, and located on the outskirts of cities, these terminals would eliminate the expense and congestion involved in delivering and calling for small consignments. Their method of operation would be to receive truckloads that are made up of several consignments and to deliver them on definite organized routes to the consignees. They would not, of course, handle loads in which the full capacity of the truck is taken up by one consignment because this up by one consignment because this type of haul can be handled better without using terminals. They would be confined to delivering and calling for small shipments where much du-plication is ordinarily to be found. "Motor truck freight terminals would thus be a benefit to both the motor express concern and to the city—to the former by lowering delivery cost and insuring return loads, and to the latter by providing a means for offsetting traffic in-

Handy Tool Set.

An admirable tool set was recently An admirable tool set was recently designed by an ingenious motorist. This consisted of 11 tools and an adjustable handle to be used with all the weapons. This handle has a wind nut on the side so as to hold firmly the particular tool being used. The set comprises three carbon scrapers, one small mirror for inspections, one rod for itesting electrical connections, a hook for removing cotter pins, a knife blade for cutting and cleaning electric wires, a small bearing scraper, four-edged reamer and an awl.

It is estimated that no less than 5000 persons are riding about New York city in stolen automobiles. REVERSIBLE RUN-IN STAND IS NEW FEATURE FOR MECHANICAL DEPARTMENT OF



EQUIPMENT FOR FITTING CRANKSHAFT BEARINGS DEVISED BY LOCAL MAN.

To accommodate the largely increased stock of parts now being carried, the White company factory branch at Park and Couch streets is greatly enlarging its stockroom, as well as installing new features in its service department. This progressive move has been rendered necessary by reason of the increasing number of White fleets which are being put into service by Portland firms.

Among the features added to the mechanical department of the plant is a reversible run-in stand for assembling White motors and for fitting crankshaft bearings. This stand, devised by the head of the mechanical department at the local branch, permits all White cases to be handled in a small space, and the reversible feature allows easy access to any part of the motor or case. While the motor is in the stand the bearings are run in oil and the cylinders polished, the motor being run for 48 hours under mechanical power and 44 hours under its own power, so that it is in condition for immediate service as soon as installed. This run-in stand is said to be the only one in Portland, and it is well worth a visit to the White plant to see it in operation. plant to see it in operation.

LIGHT VEHICLE IS POPULAR WITH BUSINESS MEN.

Theory of Economical Power Wagon so Sound 8000 Were Sold in Very First Year.

The motor-truck business might at this time very appropriately be called

Emerson, "had in view two distinct objects; one, to determine on exactly what basis the successful truck busiwho try to please. It would be mightly poor advertising for some business man who depends on public favor to rush about constantly showing directorists to other motorists. certain business concerns could han-dle their work more expeditiously and economically with almost any Motorist Who Regularly Looks BOUND TO COME SOON, SAYS of discovering the average man's needs—that proved a revelation. posting men on loading docks, freight yards, on steamship docks, They Will Be on Outskirts of Large tour the rural districts, we discov-

ered that 'most loads carry too much truck."

To explain: Most trucks, it was found, traveled at least 50 per cent of the time under loads far less than their rated capacity. Now, when a man buys a truck he buys it for the

Freight terminals designed and operated exclusively for motor trucks in the large cities of the United States will be the next stage in the development of highway transportation, according to R. E. Fulton, vice-president of the International Motor company, manufacturers of Mack trucks.

"With appropriations estimated to total nearly a billion dollars available for building roads in 1920, it is only necessary to enlarge highway construction facilities before we will have a comprehensive network of these trade arteries that will bring goods from hitherto undeveloped territories into large cities," said Mr. Fulton in a recent interview.

"It must be remembered, however that with this increase in the number and capacity of highways will come."

THEY ALL DO AT FIRST vertised brake lining put on and the

New Drivers Try to Start With the Brakes On, and All That.

About the first trouble you have is with your gears, and, while you are certain that you can shift them as well as the demonstrator did, you discover that you can't, and in all probability blame it on the car.

Then, there's the rules of the road, and especially rating by the treef, and especially rating by the treef.

two or three cars pass you and you can see black looks and hear a voice calling out something that you know isn't complimentary.

When you try to back up you are likely to back into another car, or over a curb, or into a telephone pole, and when you're our for the first time, and when you're our for the first time.

and when you're out for the first time you usually want the entire street clear when you go to pass another machine, and you feel like you'd rathmachine, and you feel like you'd rather stop than try to pass a street car.

Then, again, you've wondered what was the matter with your new car, because it wouldn't go right and bumped along and the engine heated like a furnace and you couldn't get your machine out of a slow walk.

Possibly you have stopped and telebroned the service man to come and

The new driver usually kills his engine on the track when he passes the car carrying 50 pounds of mall a year (though well known in the engine on the track when he passes passenger car field for a score of in front of a street car. Again, did years), undertook the manufacture of you ever step on the accelerator intrucks only after making a searching stead of the brake and run over the investigation.

THERMOID RUBBER COMPANY ISSUES CHART.

After Brakes Will Have Them When Need Is Greatest.

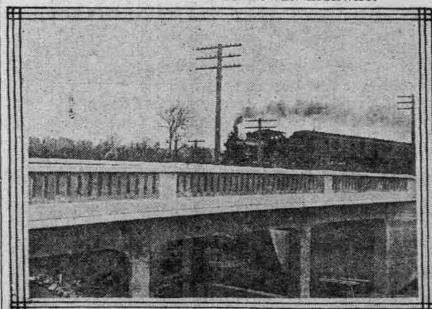
"We have too many laws." Well, we do have a good many, but do we every stop to reason why so

vised upward twice in the attempt to keep up with the increasing demand." If they need adjustment, see your repairman and have some standard adproper adjustment made.

Gasoline and lubricating oils in

and especially getting by the traffic policeman. If you ever noticed it, when the officer holds up his hand you stop and kill your engine and bump back and forth when you go to start, and tie up other cars and finally gine was installed as power.

NEW CONCRETE BRIDGE ON LOWER HIGHWAY.



is bridge, recently opened to traffic, is on the lower Columbia river highway just below Deer island, where for several months while it was building motorists had to detour into a gully around the new concrete work. It parallels the tracks of the Spokane, Portland & Scattle railway.

DOWN HALF DAY.

Car Carries 50 Pounds of Mail From San Francisco to New York; Another Makes Time.

this time very appropriately be called the world's wonder industry. Springing up as it has in so very few years, and against such ingrained prejudice, the greatest wonder is that it stands on so firm a foundation.

Speaking in this vein, P. L. Emeron, sales manager of the Olds Motor Works, Lansing. Mich., went on to say that his company, which has been in the truck business for less than a year (though well known in the leaf of the service man to come and a few minutes over four and one-half a days, clipping all previous records of the kind over half a day, is one of the greatest emurance tests ever applied to a motor car, in the opinion and exhausted your battery. Also, perhaps you forgot all about your lights until a policeman warned you.

The new driver usually kills his auspices of the postal authorities, are records of the kind over half a day, is one of the greatest emurance tests ever applied to a motor car, in the opinion and exhausted your battery. Also, perhaps you forgot all about your lights until a policeman warned you.

The event was arranged under the auspices of the postal authorities, and the company is a few minutes over four and one-half a few minutes over four and one-half of the kind over half a day, it one of the greatest emurance tests ever applied to a motor car, in the opinion of C. L. Boss, local Essex distributor, who has received additional data regarding the run from Essex head-your lights until a policeman warned you.

The event was the united States in only a few minutes over four and one-half a day, clipping all previous records of the kind over half a day, clipping all previous records of the kind over half a day, clipping all previous records of the kind over half a day, to one of the kind over half a day, to one of the kind over half a day, to one of the kind over half a day, to one of the kind over half a day, to one of the kind over half a day, to one of the kind over half a day, to one of the kind over half a day to one of the kind over half a day to one of the kind over ha car across the United States in only

from San Francisco to New York. The same machine was used throughout the entire trip, an Essex stock car being taken for the purpose, and the machine was pushed through the the machine was pushed through the long trip virtually without a stop. The time made from coast to coast was four days, 14 hours and 43 minutes. This record is 12 hours and 48 minutes less than the fastest previous time for a coast to coast automobile trip, and was the first time in history that a machine was ever driven across the continent in less than five days. At the same time that the machine was speeding eastward another Essex, also a stock car, was making the trip from east to west and while the time in this inwest, and while the time in this in-stance was not quite so good, this car also succeeded in smashing all previous records and delivered the mail sack in San Francisco just four days,

same motive power was used throughnext territory. It was a wonderful exhibition for one of the smaller types of car to make and one of which we are mighty proud."

HONOLDLY, T. H., May 18.—(spectrum of the control of the

Maxwell Wins in Canada.

Complete Line-

11/2-ton

21/2-ton

31/2-ton

5-ton

In a drizzling rain and driven by a private owner, a Maxwell captured the coveted prize in Canadian motor-

CROSS-COUNTRY TRIP IS CUT

VULCANIZERS Our Marvel Junior Vulcanizer does a permanent repair job in less time than you can put on an ordinary patch; very simple to oper-

Usual Price......\$1.50 SALE PRICE.....69¢ PUMPS Two-cylinder Hand Pumps; black enameled steel barrels; heavy base. Strong, efficient pumps. Usual Price.....\$2.45 SALE PRICE \$1.46 PORTLAND

All of us have said before now: 19 hours and 17 minutes out of New to make the stage runs in the old revolutionary days," explained Mr. Bass, "except that in this instance the provided for its being driven by one began from a standing start and of his men. The car containing the whirled across the finish line at 40 government mail was thus received miles per hour. by a new driver in each territory, rushed through that territory and turned over to another driver in the

Morocco may be purchased at practically the same prices as in most European countries.

Notice to Dealers: Write, your territory may be open.

W. C. Garbe, Inc.

Formerly Oregon Motor Car Co.

DISTRIBUTORS BROADWAY AT BURNSIDE

Phone Broadway 616

PORTLAND-SEATTLE-PENDLETON

skid; each tire guaranteed;

The World's Master Tire

The Tire That Gives Complete Satisfaction

No other tire surpasses it in

Real Service Performance

GUARANTEES

Fabrics - 6,000 miles Ford sizes 7,500 miles Cords - - 8,000 miles

SPECIAL PRICES

CUT TO THE QUICK

TIRES AND ACCESSORIES

WEEK AUG. 23-28

	- 1		FABRICS		
Size.			List Price.	SALE PRICE	SAVING
30x3	Nonskid	*****	\$23.55	\$16.48	\$ 7.07
30x31/2	Nonskid		29.90	20.93	8.97
32x3½	Nonskid		38.45	26.91	11.54
31x4	Nonskid		42.35	29.64	12.71
32x4	Nonskid		46.20	32.34	13.86
33x4			47.90	33.53	14.37
34x4			49.20	34.44	14.76
			69:75	41.85	27.90
35x5	Nonskid		78.85	47.13	31.72
37x5	Nonskid		83.50	50.10 -	33.40
			CORDS		
32x31/4	Nonskid		\$49.45	\$37.07	\$12.38
32x4	Nonskid		62.80	47.10	15.70
			64.55	48.41	16.1
34x4	Nonskid		66.20	49.65	16.55
			72.65	53.49	19.16
34x41/2	Nonskid		74.55	55.91	18.64
35x41/4	Nonskid		76.30	57.23	19.0
			78.20	58.65	19.5
35x5	Nonskid		92.70	69.53	23.17
37x5	Nonskid	****	96.95	72.71	24.2
Send for	Our NEV	v ILLUS	TRATED FA	ALL CATALOGU	E of Tire

REAR VIEW MIRRORS

3 inches by 15 inches; bevel plate glass; placed inside at top of windshield: new and popular.

Regular Price.....\$5.00 SALE PRICE....\$3.05

FORD PISTONS

Best grade close grain new iron, ground to size; complete with pins and bushings. Regular size and oversize, per set of four-

SALE PRICE \$9.40 SEALTITE INNER TUBE

SHEET PATCHING Quantity sufficient for patching fifty punctures; made by Federal Rubber Co.; tube of cement, buffer and directions with each Usual Price50c SALE PRICE..... 17¢

FORD HEAD LAMP BULBS

21 Candlepower, 9-Volt Tungsten Lamp Bulbs; quality guaranteed. Regular Price.....50c SALE PRICE. 19¢

COIL POINTS

For use with Ford or K-W coil units; quality guaranteed. Usual Price, per pair...40c

SALE PRICE, pair ... 17¢

SEATTLE SPOKANE BOISE WALLA WALLA

AUTOPARTS SUPPLY CO TACOMA YAKIMA 80-82 Sixth St. BELLINGHAM Phone Broadway 5508.

Honolulu Has 5000 Autos. HONOLULU, T. H., May 18 .- (Speiff's office in the matter of registra-

Care of Wheels.

Only Truck Built With 3 Final Drives

Double Reduction

Timken Worm

Internal Gear

医医尿管医医尿管

The wood wheels with which the

same motive power was used throughout, and they didn't change engines like they used to change horses on their old stage coaches. Drivers were changed, however, and the trip was designed to indicate the endurance of the machine, and not of the drivers. Each Essex distributor through which the trip was routed had charge of sending the car through his territory and either drove the car from one territorial boundary to the other or provided for its being driven by one

Yourself

TRUCKS

When you are ready to buy a truck ask yourself

- 1. Who is the manufacturer?
- 2. How long has he built trucks?
- 3. Will he continue in business?
- 4. Who are the distributors and the dealers?
- 5. What financial backing have they in my community?
- 6. Are they responsible?
- 7. Will they continue in business?
- 8. What is their service policy?
- 9. Do they carry a large stock of parts, and where is it?
- 10. Will they give me continuous service, the service that satisfies?

The answering of these questions will persuade you to give earnest consideration to GMC Trucks.

Wentworth-Irwin, Inc.

Second Street, Corner Taylor, Portland, Oregon