

AUTOMOTIVE SECTION



Receive Inquiries For All Popular Models in Motor Line.

NOTE OPTIMISTIC TREND 40 miles an hour on direct drive.

Farmers Are Showing Preference For Closed Cars This Season.

BY J. L. MIDDLETON.

Not only are people feeling better, takes another 35 per cent. but they are buying, and that is the Resistance through exhaust pipes, formation, a return to optimism in the remaining power to about 20.8 Modern high speed automobile racthe great farming districts of the province has been noted. In the dealers are doing better, some of maining for useful work. them being entirely content with the return of business activity.

Inquiries Are Reported. sales, and believe that before many that can be obtained.

days things will be moving along just

Dependent or as though nothing had happened. People have waited to the last mo ment before purchasing. Merchants have been skeptical about replacing depleted stocks, but with the turnover of the last six weeks they are sending rush orders to wholesale houses and manufacturers, and the general movement is one that can only mean better business everywhere.

Manufacturers Busy. Sensing this return to normal, Can-adian automobile manufacturers have miles as possible out of every galbeen building accordingly, and the lon consumed. A few fundamental starting up the car, but to let it idle demand which now is coming will be met. According to one manufacturer, the trend toward closed cars even in the farming districts is impressive, and the action on the part of this manufacturer in meeting this demand little more than the touring models each cylinder; the ignition system with sedans and coupes priced very with sedans and coupes plus and to little more than the touring models is meeting with a rémarkable response.

each cylinder; the ignition system and its auxiliaries, the spark plugs, should be working properly. The mixtures of most cars are too rich, ers will begin to give their cars a

"In the matter of price, further reductions are not looked for," said F. E. Spooner of Detroit, in a letter to the London Advertiser. "Stablization of automobile prices is believed to have been reached in the industry. The average price of the majority of the principal standard touring car models is now 22 per cent below the average price on September to the principal standard touring car models is now 22 per cent below the average price of the greater to the London Advertiser. "Stablization of automobile prices is believed to have been reached in the industry. The average price of the the car out on a smooth road and see how it coasts. If the tires are not properly inflated, if the front wheels are out of alignment, or if the brakes drag, the car will be 1, 1920, but the price of the greater quantity of cars sold represents a found to come to a stop much quickmuch greater reduction, some as er than it should after the power alignment is rapid wear in the cenmuch as 42½ per cent. of the motor is cut off.

Series of Price Cuts. "This reduction has been brought line is being wasted to say nothing about by a series of price cuts of the unnecessary wear on the tires bearings, for a loose bearing means

Under these conditions there is no the motorist's standpoint. sound logic or sense in putting off buying an automobile. There is every fuel is wasted is to permit the enindication that those who do wait will pay much more than those who buy now.

The relative the case of the case of

London dealers can sell you a car at a speed of ten miles an hour.

They can sell you an automobile for business or pleasure—a closed or an account of the same quan-business or pleasure—a closed or an account of the same quantation of the same quantat open car-it makes no difference- tity of gasoline is being consumed a year.

Fine Display Offered. My advice is to visit the many fine showrooms in the city and see all of the cars on display for your-Then get together and buy. If

you haven't looked into the various creations that London dealers have on displey for 1922, you have a real treat in store-a genuine revelationan eyeopener, before you,

POOR PAINT JOB RUINS BEST CARS

Nothing so detracts from the appearance of a motor as a poor paint job, it is declared. It freequently leaves the car look

ing a great deal worse than if it had not been repainted at all. "So often, when a car acquires

little age, and summer sun and winter rain have blurred the once lux urious finish and caused the paint to crack, the owner gets a notion that i will be more economical for him to repaint and revarnish the car himself. But nine times out of ten he doesn't know any more about that kind of work than a baby does about phonographs.

"Any car that is worth taking the ordinary amount of pride in is worth taking to an expert for repainting when that becomes necessary. It is not only more satisfacfory in the long run, but is much ss expensive, for the simple reason that an expert job lasts."

REPAIRING A CRACKED SPOKE. It occasionally happens that a against the curb or some other blow upon the side cracks one or two or the spokes in a wooden wheel. If you drill a hole through the split portion insert a rivet, and hammer the head down tightly it will make a very practical repair. The rivet head will prevent side play in one direction, while the shank of the rivet will prevent motion at right angles. wheel the repair will not be noticed, except when the spoke is closely in

spected. OVER-PRIMING. In case the motor will not start do not keep flooding the carburetor.

Prime the motor by putting gasoline in the petcocks. If this does not work look for ignition troubles.

AUTO FUEL LOSSES LEAVE LITTLE FOR POWER

most out of it is evidenced by a the best types of stationary inter- The hook is attached to a spoke on the opposite side, the bar is insert-

The diagram, prepared by automotive engineers, shows the dispersion of energy from fuel as it passes through the engine of the average iring car traveling at a speed of

Through radiation, friction and various forms of resistance, the power dwindles down to a little above 5 per cent for the actual movement of the car.

Radiation.

With a perfect motor, engineers Business conditions, from an auto- have found that more than 35 per notive standpoint, in London and all cent of the fuel's heat energy is ver Western Ontario during the past lost at the start by water cooling. week have been exceptionally good. Direct radiation by exhaust gas

real thing. According to reliable in- muffler and by engine friction bring per cent. That is the Diesel type.

many cities and small towns in On- transmits to the rest of the car. It terio merchants and automobile represents the amount of energy re-

Of this 20.8 per cent, however, more than 8 per cent is lost in friction from transmission and through This has affected every line of com- the tires. Air resistance takes an-modity. A large number of auto-other 7 per cent, which leaves only mobile dealers report inquiries and 5.4 per cent as all the excess power Dependent on Car.

Each design of engine and car

First of all it is important to see

that the power plant is tuned up. The compression must be good in

This indicates clearly that gaso-

the motor.

POINTS OUT PRACTICES

WHICH WASTE GASOLINE

tice becomes apparent.

Timely Hints

It is ordinarily wise to let the

About Tires

engine idle a minute or two before

ter of the tread. Examination of the

Gasoline is not as plentiful as miles an hour over average roads

vater, and never will be. It is a Thus the wastefulness of this prac-

principles, if properly observed, will for any long time when it is not

help to increase the efficiency of necessary is economically wrong.

gine in good shape to get the percentages of power losses.

and an S-hook. The wheel is ro-buzzer to give audible indications in the state of the percentages of power losses.

The highest efficiency obtained in tated until the high spot is found, making certain tests.

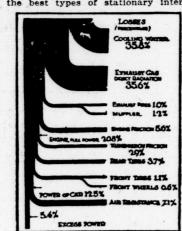


DIAGRAM OF AUTOMOBILE ENGINE FUEL LOSSES. nal combustion engines is about 35

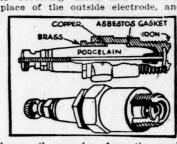
TO STRAIGHTEN WHEEL.



MPORTANCE of keeping the on- there is not much difference in the ened by means of a long steel bar cludes a small ammeter and

ed and the wheel forced straight. CARBON-PROOF PLUG.

French autoists obtain a carbonproof spark plug for their motors. A revolving metal disk takes the place of the outside electrode, and



keeps oil or carbon from the spark center to form the gap with the

WRIST TROUBLE METER. A small meter to detect battery, cars can go as fast as 50 miles an



ing for the source of trouble. It in- and automobile parts.

AUTO NOTES

Keep battery terminals clean. miles an hour.

Air-cooled engine requires heav ier oil than a water-cooled motor. Excessive carbon causes the engine to overheat. Every state in the union now has

a highway department. France is offering a prize for the discovery of a gasoline substitute. Motor bus in England is termed a char-a-banc.

One motorist in every three is is a "flivver." careless at grade crossings, investi-India as an idol, was furnished by the Lutheran Council for the use of the Rev. G. A. Rupley, Lutheran mis"Lizzie," however, rambled serenegation has shown. Out of 12,000 persons killed on the highways in 1920, 7,000 were sionary at Ranchi, Bengal. The sta- ly on her way up the hill to the struck at grade crossings. tion is one from which German mis- town of Chainpur, while Mr. Ruplay

Cuba turns her molasses crop into sionaries were barred during the had a good laugh at the expense of war. It has been turned over by the denatured alcohol for auto Some of France's small motor

Thirty miles a gallon is average gasoline consumption of some Europe's small cars.

If the car misses regularly in one or more cylinders, the miss is due to faulty ignition. If engine overheats see if spark

is retarded, or if the mixture is too Too much priming causes gasoline to wash the oil from the piston and

cylinder walls. Ammunition works in Germany to leave both hands free in search- are now manufacturing automobiles

The following table may be accepted as generally accurate in its an extent that it is severed comrecommendations for lubrication at- pletely, causing a break in the cirtentions to the various parts of the mechanism, though there will be variations in regard to certain cars and models.

Lubrication

ing by, without a thought, Christ-

ianity with all of its higher teach-

banks of the nearby stream.

Dally Lubrication. Clutch collar and thrust bearing:

rease or graphite. Spring bolts: grease or graphite. Drag-link joints or steering gear: rease or graphite. Tie rods and king bolts: cylinder

Lubrication Every 300 Miles. Steering gear case: grease or Brake levers and clevises: cylinder

Commutator: - cylinder oil (few Steering post: cylinder oil.

cylinder oil. Lubrication Every 500 Miles. Spring leaves: graphite or heavy

Crankcase: cylinder oil, drain lush out and refill. Magneto-distributor: drop of cylinder oil in holes. Gearcase: oil light in winter and heavier in summer.

Lubrication Every 1,000 Miles. Wheel bearings: grease or graphte after through cleaning.

Universals: grease or graphite. Torsion tube, radius rods and imilar parts: grease or graphite. Gearcase: drain, flush with kerosene and refill with oil, light for winter, heavier for summer.

Indians Now Worship Automobile HOW TO In Place of Idols of Ancient Days

railway station in Ranchi, 200 miles inland from Calcutta, a large pack-

PROTECT BATTERY CONNEC-

The heavy copper cable used for

battery connections often becomes

cuit. This corrosion is due to the gas of the sulphuric acid in the cells,

which, in combination with the damp atmosphere, attacks the copper

and converts it into a powdery copper

sulphate. A very simple and effec-

tive preventive of this condition con

sists in coating the wires at and

around the terminals with petroleum

jelly, cup grease or some non-fluid

BATTERY ACIDS.

battery box to permit the overflow

of water or the acid to escape. Ven-

tilation is also provided by placing

four small wooden cleats in the bot-

tom of the box to raise the battery

from the floor. Boil these cleats in paraffin before they are put in place,

as this prevents deterioration due to

Auto Tops

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We also carry a full line of Auto Trimmings

Mose Wilson

Corner York and Talbot Sts.

the action of the acid.

Drill a hole in the bottom of the

miles from a railroad.

People in India are turning from British Government of India to the

Brahminism and Animism, and pass-ing by without a thought Christ-When Mr. Rupley received at the

ings, to take up new forms of idol age of new slides to be used with worship. The new idols are not the stereopticon, his enthusiasm was

laboriously carved out of ebony or great. At once he packed machine jade in a dark, dingy corner of the and slides into his little motor car

priest's thatch-hut, nor are they and started out for Chatnpur, 100 fashioned of sacred clay from the miles farther into the hills and 50

They are made of tin and iron and As the flivver shot forward to vanadium steel and are the most take the last of the hills on high

peculiar idol which has yet been the commotion, while yet afar off, seen in India. The idol, which is

about six feet wide and six feet a farmer. Here was a new sort of high, has large luminous eyes shaded devil to worship.

with green eyelids, and a voice In great fear he fell to his knees, which is hoarse and raucous and bowed his head and raised his hands

which terrorizes all those who hear in supplication, while his lips fever-it. The body is painted black. It ishly murmured a babel of strange

s a "flivver."

The particular one, first used in to have mercy upon him, so that he

CLAMP POLISHED PARTS.

Clamping polished brass or nickel parts of a motor car in a vice, for the attachment of accessories, etc., usually presents difficulties as cloth or other cushioning matter wrapped about them does not prevent them from slipping, with the result that they are scratched in spite of all procautions

If some dry plaster of paris is sprinkled on heavy paper which is wrapped around the article before placing it in the vise, this will serve as an effective protection. You must be sure that there is plenty of plaster between the paper and the polished surface. In the case of polished pipes, two blocks of wood with hollow faces should be used. If these are not readily available, the ordinary lead faces of the vice sprinkled with plaster of paris may be inserted. Felt covered with the plaster will obtain the desired result. The plaster is used in each instance to increase the friction of the polished part in the vise and thus insure a firm grip.

TO SILENCE RATTLING SPRING CLIPS.

Rattling spring clips quickly and easily silenced by wrapping the lower portion with time tape, either sufficiently to prevent them from moving or just enough to cushion them. The tape can be painted over to match the spring so that it will not impair that detail of the car's appearance.

Miracle

ricant-the oil that enters the pleting combustion.

Miracle Oil

entering the cylinders with the every friction point in the entire system of cylinders. The perfect lubrication of these heretofore unreached friction points enables the motor to run with a smoothness, life and buoyance not otherwise attainable. It changes the Interior of the motor from a dry, unlubricated piece of machinery, to one which is perfectly lubricated. The Improvement In running is like magic. A single trial convinces any motorist. DISTRIBUTOR

F.M. Stevenson

229 Horton Street, London. DEALERS WANTED.

Car Makers, in Efforts to Induce Buying, Lower Prices to 1913 Level

DETROIT, March 24.—The present condition of the automotive industry, with respect to manufacturing costs and the prices placed upon the finished product, many manufacturers are going to find themselves in difficulties unless things change. get their cars down to a figure that would start buying has brought many to the point of ruin. In spite of the high price of labor and the taxes, and many other items that add to building cost in the end, cars are today selling at about the 1913 figures. Makers are actually selling their cars to dealers and distributors at less than the manufacturing cost and the public is reaping the benefit.

up of the giants of the battle coming, will be made more and more possible as the days go by. The independent manufacturers not in combination and the manufacturers who are controlled largely by bankers, who will be unwilling to stand the pressure, will have to go out of business unless the price of cars increase. Throughout the

The threatened shortage of cars for spring long predicted is going to be a certainty, no matter what the volume of buying may be. There is no stock of cars to speak of in storage, dealers and distributors refused to load themselves with surplus stock, and now with the spring demand started, the makers will be unable to meet it The fact that record-breaking attendances were reported at all shows that the fact that retail sales were and are undoubtedly good at every show, is indication of business for a year at least or better than the business of 1921.

bearings, for a loose bearing means a wobbly wheel.

pecially the rubber tubing and the he is in a position to feel thorconnections. If the leather piston oughly content as regards his tire spread over more than a year, so that we now stand at what appears to be the end of the period of price revision rather than at the beginning."

The wastes go together, and one leads to and causes others from one leads to and causes others from the thindest process. If the leather piston oughly wheel.

Examine the casings of tires for cuts. If cuts are filled with heal-application of vascline. If the leather piston oughly wheel.

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Examine the casings of tires for cuts. If cuts are filled with heal-application of vascline. If the leather piston coughly equipped to the cuts will not grow be a softened by a liberal application of vascline. If the leather piston cuts. If cuts are filled with heal-application of vascline. If the leather piston coughly equipped to the cuts will not grow be applied to the cuts will not grow be a softened by a liberal application of vascline. If the leather piston coughly equipped to the cuts will not grow be applied to the cuts will not grow applied to the cuts will not grow applied to the cuts will not grow be applied to the cuts will not grow applied to the cuts will not grow be applied to the cuts will not grow applied to the cuts will not grow applied to the cuts w Tubes should receive special at- new leather at a supply store. The

> equipped his car with a cold-patch as when the car is traveling ten | The pump should be tested, es- kit for punctures, a blow-out patch for emergency use, a can of soapstone, a roll of tape for tire or inition trouble, a tire gauge for testing inflation, and a good spare,

Examine the casings of tires for head in your hand-pump has dried equipment, no matter what hap-

VULCANIZING

TIRES AND RUBBER BOOTS TIRES AND TIRE ACCESSORIES

W. FRONT ST., STRATHROY. Red Store Service Station. PHONE 137.

Conditions of today cannot continue. If continued, the lining

manufacturing district, it is admitted that there will have to be a price increase before very long, and that others will have to follow.

Visit Our Used Car Showroom on King Street Any Time

We will try to treat you courteously. We have at all times a large number of USED CARS to select from, as we are continually taking cars in as part payment on new Overlands, Studebakers and Packards.

A few choice cars listed below:

1 McLAUGHLIN, K45, SPECIAL YOURING, 4 cord tires, brand new, body newly finished, extra good top. Car looks like

1 McLAUGHLIN ROADSTER, 5 tires, bumper; in first-class condition. Can recommend it \$1,350.00 highly 1 OVERLAND COUPE, 1921 model,

5 tires. Car only gone about six thousand miles and looks like \$900.00 TIME PAYMENTS CAN EASILY BE

ARRANGED.

The tire mileage

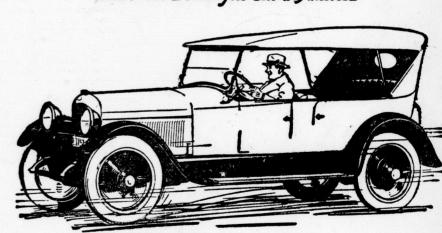
Danse B २०७

PRICES DELIVERED. Sedan \$2,145, Coupe \$1,915, Touring Car \$1,315, Roadeter \$1,275.
Panel Business Car \$1,465, Screen Business Car \$1,320.

is unusually high

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THE Paige 6-44 is a smaller brother of the famous 6-66. There is a difference in power, wheel base, seating capacity and price. But both cars have one thing in common—the spirit and beauty of a Kentucky thoroughbred.

To merely look at the 6-44 is a pleasant experience. But to drive it, to tap that mighty reservoir of fifty horse power, to sink back in the cushions and feel the gentle sway of perfect spring suspension—these are things that mean the real thrill of living.

Surely you are entitled to a good motor car when it means so much in health and happiness. The 6-44 has always been good, but this year it is much better than ever. And at the greatly reduced price, where can you find a sounder, safer investment?

The New 6-66 Prices

131 inch wheel base 70 herse power 6-66 Lakewood. 7-Pass. Touring - \$3,360 5-66 Larchmont II, Sport Type - 3,450 6-66 Daytona, 3-Pass. Roadster - 3,775 6-66 Sedan, 7-Pass. - - - 4,785

6 Limousine, 7-Pass. - - -

The New 6-44 Prices 119 inch wheel base-50 horse power

6-44 Touring, 5-Pass. - - -6-44 Sport Type, 4-Pass. . 6-44 Roadster, 3-Pass. • • • • 6-44 Sedan, 5-Pass. • • • • 2.235 6-44 Coupe, 4-Pass. - . . 6-66 Coupe, 5-Pass. - - - 4,675 All Prices F.O.B. London.

Cord tires standard equipment on all models.

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