HINTS FOR THE FARM TRUCK OWNER

Truck Corporation) Lubrication.

1. One drop of oil on a bearing grease added if necessary, and the worth a barrel on the ground, whole should be thoroughly Apply it to the spot meant for drained and washed out with ker-

wears out, if you will examine will do if you have pressure. old oil drained from a motor you will find it is very thin and dirty, this is very economical in the long with considerable hard sediment in it. Off in this condition is very a good reputation, pay a little harmful to the motor.

3. Don't expect good oil to do uct. It is practically impossible to its work effectively when mixed judge oil by inspecting samples. with old oil, any more than you would expect one good battery to do its work effectively when hooked up with four dead or part-

4. For best results the oil in the motor should be thoroughly truck is operating full time.

grease added if necessary, and the large repair charges.

(Prepared by Mack International drained once a week when the truck is operating full time. 5. Most transmissions should

be inspected at least once a month, osene or a hose at least once a Remember that oil actually year. Either cold or hot water 6. Buy a good quality oil, as

> run. Look up an oil company with more and buy a high-grade prod- ply before starting a day's run. Care of Tires.

Inspection and Repair.

dranted once a week when the justment and lubrication are to be tire on road bumps and causes emphatically recommended in the overheating. 5. Most transmissions should interests of saving expensive rebe inspected at least once a month, placements during overhaul and this cuts the tires by centering the

should be thoroughly 3. Every motor truck requires evenly over the trend.

an overhauling every so often, if taken care of immediately will an expert. result in lower future repair costs.

clean. Dirt. if allowed to accumulate, may find its way into many of the bearing surfaces and in some cases may make lubrication difficult or impossible. The result will be increased wear and reduced life of parts.

5. Form the excellent habit of examining water, oil and gas sup-

1. Don't overload. Overloading stresses the tires beyond their "Take care of small troubles elastic limit, destroying the life before large ones develop," is the of the rubber and the durability keynote of any successful main- and cushioning quality of the tires 2. Don't overspeed. Excess 2. Systematic inspection, ad- speed magnifies the impact of the

> 3. Don't run in car tracks, as pressure at one point instead of



DUICK predominance among business men means but one thing-Buick is absolutely dependable. It has proved its dependability for twenty years.

You don't need to try out a Buick for dependability. That is universally known. But you should try out a Buick to realize its comfort, its power, how easy it is to operate. There's real pleasure in driving a Buick.

New Series and Prices Effective June 1st, 1921

Model 22-24 Three Passenger Roadster	\$1495
Model 22-45 Five Passenger Touring	\$1525
Model 22-46 Three Passenger Coupe	\$2135
Model 22-47 Five Passenger Sedan	\$2435
Model 22-48 Four Passenger Coupe	\$2325
Model 22-49 Seven Passenger Touring	\$1735
Model 22-50 Seven Passenger Sedan	\$2635
E O D ENGLY WILLIAM	



Center and Commercial Street

VHEN BETTER AUTOMOBILES ARE BUILT, BUICK WILL BUILD

4. Don't spin the wheels or per- heating of brakes on long descents. principally because in this way mit them to run out of line; align- by applying hand and foot brakes conditions will be disclosed which ment should be taken care of by alternately.

5. Avoid skidding. In applying the throttle lever to give just Most experienced truck operators the brakes the wheels should not enough opening to prevent stalling recommend an overhauling once a slide. Not only does sliding the motor if the foot is moved from year or once in twelve thousand wheels injure the tires, but it re- the pedal for braking. duces the braking effect. Quicker 4. The truck should be kept action is secured when the wheels wheels do not give traction. In barely turn and the abrasion on attempting to drive in mud or slippery spots, wheels should revolve

the tires is least. 6. Most anti-skid devices are slowly, as this increases traction very hard on tires. Don't use them | 8. If engine becomes overheated unless it is absolutely necessary, shut it down immediately or seri-

7. To avoid unnecessary strain ous damage may result. Allow it on pneumatics or flat spots on to cool and add warm (not cold) solids, lift the truck weight from water before proceeding. Never the tires by raising on jacks when pour cold water directly into a hot the truck is to be idle any consid- motor, as this often causes the cylinder walls to crack or warp.

8. With pneumatic tires it is important to know your inflation trouble, and if possible do not pressures. Proper inflation pres- proceed until an expert opinion sure is as necessary as proper loads and speeds. Driving.

1. Overloading. overspeeding and bad driving are the three principal controllable causes of truck breakdown. Check the first two and learn to avoid the third and you will be giving your truck a square deal on the road.

2. Use low gear in starting and others in proper sequence. If a trailer is attached, take up the slack very slowly to prevent shock.

morning worship 11 o'clock. Sermon by the paster on the subject, "The Ministries of Leisure." Afternoon park service 4:20 o'clock. Intermediate and senior Epworth league services 7 o'clock. 3. Shift gears to lower speed when driving slowly in traffic. When traveling through sand use the highest gear possible and keep the truck rolling, but do not permit the engine to knock.

4. Do not wait until the engine knocks before shifting to a lower speed. When climbing a grade, shift to a lower gear as soon as the engine gives the slightest indication of laboring.

5. When descending steep hills Aldrich, pastor: 9:45 a.m. Sunday school E. A. Rhoten, superintendent; 11 a.m. public worship with sermon by the pas use the engine as a brake. Avoid



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6. If the accelerator is used, se

7. Remember that

First Methodist Episcopal-State and

Church streets, Blaine E. Kirkpatrick, minister. Class meeting, 9:15 a.m., Geo. P. Litchfield, leader: Sunday school, 9:45 a.m., Alpheus J. Gillette Superintendent;

There will be no evening service. Pray-

r service Thursday evening 8 o'clock

Scandinavian Methodist-Fifteenth and

Leslie Methodist Episcopal-Horace

or: "The Cost of a Fit of Temper." The choir will sing 'Rock of Ages, Meredith, with solo by Miss @race Sher

wood, For the offertory solo, Leon Jennison will sing 'in My Father's House Are Many Mansions," Ward Stephens, No evening service as this congregation

cooperate in the 4:30 p.m. service held in Willson Park.

Jason Lee Memorial-Winter and Jef-

ferson streets, Thomas Acheson, pustor, On Sunday August 14th services will be held as usual at this church. Prayer service for Christian workers 9:15 a.m.

service for Christian workers 9:15 a.m. Sunday school 9:45 a.m., with every class running full swing and manned by capable teachers. Two services at 11 a.m. Auditorium, subject, "The Compassion of Jesus." Junior church in the primary room, Miss Shinn of the Highland school will speak. Combined Epworth league and church service from 7 to 8:30 p.m. Subject. "The Challenge of

league and church service from 7 to 8:30 p.m. Subject, "The Challenge of Christian Brotherhood. We cordially invite the public to come and worship with us. Do not forget junior church devotional meeting Wednesday evening 7 p.m.

CHRISTIAN

First Christian — Center and High streets, J. J. Evans, paster. The paster

Court Street Christian-North Seven-

you among this friendly people. R. Putnam, pastor.

FRIENDS.

Highland Friends—Services held in the Highland school building. Bible school at 10 a.m., Clifton Ross, superintendent. Preaching services at 11 a.m. and 8 p.m. Young peoples' C.E. meeting at 7 p.m. Prayer meeting on Thursday at 8 p.m. in the basement of the school building.

in the basement of the school bullding. Young peoples' prayer meeting and Bible study at the parsonage on Wednesday at 8 p.m. Mrs. Lee is giving very interesting Bible lessons. Thepublic is cordially invited to all our service. I. G. and Ida J. Lee, pastors.

South Salem Friends-Corner of South

Commercial and Washington streets.
Sunday school 10 a.m., Walter Wright,
superintendent. Morning worship, 11
o'clock. Short sermon for the children
at the close of Sunday school. C.E. at
and preaching service at 8 p.m. Prayer
meeting Thursday evening at 8 o'clock.
Nathan Swabb, pastor.

LUTHERAN

Christ Lutheran—East State and Eighteenth streets, Sunday school at 9:4:

a.n. Holy communion and preaching service (German at 10:30 a.m., subject:
"The Truth Shall Make You Free." Visitors are welcome, There will be no evening service. Geo. Koebler, pastor.

UNITED BRETHREN

First, United Brethren- Yew Park

ers, classes (or all ages, good musi-come and enjoy a pleasant hour with a studying the scriptures. Quarterly co-

ference business meeting on Saturday evening at 8 o'clock. Elder A. S. Hen-derson presiding. He will preach Sun-day at 11 a.m. and hold communion fol-

lowing the sermon. Junior C.E. at 11 a.m., in the parsonage, senior C.E. at 7 p.m. and preaching at 8 p.m. by Elder Henderson. Mid week prayer meeting on Wednesday evening at 8 o'clock, together

with good music.
Central Congregational— South Nine-teenth and Ferry streets, H. C. Stover, minister. A merged service of the Sunday school and morning worship at 10 a.m., Mrs. B. E. Edwards in charge of Sunday school hour. A missionary story, a vocal duct and sermon are a part of the morning service. Christian endeavor at 7:15 p.m. Morning and evening sermons by the pastor.

CHRISTIAN SCIENCE

First Church — 440 Chemeketa street. At 11 a.m., Bible lessen, subject: "Son!." Sunday school at 9:45 a.m. Wednesday

Reading room, 209 Masonic Temple, open from 11:45 to 5 p.m. All are cordially invited to our services and to our read-

PRESBYTERIAN

PRESBYTERIAN

First Presbyterian—On Church street
between Chemeketa and Center. Sabbath school meets at 9:45 a.m., C. A.
Kells, superintendent. Preaching at 11
n.m. by Rev. Arthur B. Van Zante of
Tacoma, Wash. Subject, "The Will of
God," There will be no evening service.
The senior and intermediate C.E. societies
join in union service at Willson park
following the preaching service there
at 4:30. Prayer meeting on Thursday
at 7:30 p.m.

LATTER DAY SAINTS

Church of Jesus Christ of Latter Day
Saints—Sunday school at 10:30 a.m.
Meeting at 11:30. At the armory. You
are welcome.

First Baptist Church— Marion and Liberty streets. Sunday school 9:45 a.m. Preaching services 11 a.m. and 8 p.m. Dr. Myron W. Haynes of Me-Minnville will preach both morning and evening. Prayer meeting Thursday even-ing 8 p.m. Prof. Hewitt in charge.

Center Street Methodist Episcopal orth Thirteenth and Center streets G. Roeder, minister. Sabbath school 10

Nathan Swabb, pastor.

with good music

and adult prayer meeting at 8 p.m.

Elaborate Preparations for Coming Trade Made by Buick Company

Announcement is made today of the presentation before the motoring public of Buick's new four cylinder line. There are four 9. Stop at the least sign of models in the line, including roadster and five passenger touring in the open cars, and three-passenger is obtained on the seriousness of coupe and five-passenger sedan in he closed models.

Inasmuch as it has been known

in the automotive trade for some time that Buick purposed adding ine of fours, considerable interest attaches to the specifications covering the new models? In motor construction Buick has adhered to the valve-in-head principle with which its name has been so prominently connected for twenty years. The cylinder bore is 3% inches with stroke of 4% The motor develops between 35 and 40 brake horsepower and road tests have shown that the power plant will deliver up to 50 miles an hour with ease. Features of motor construction are the large three-bearing crankshaft and 12-inch long connecting rods. extra long rods being provided to reduce vibration to a minimum. A circulation splash oiling system. which is standard equipment on all Buick cars, is the automatic carburetor heat control through which ideal vaporizing conditions are obtained.

The transmission is of the selecive sliding gear type, three speeds forward and one reverse. The universal joint is of standard Buick construction, being virtually an integral part of the transmission and automatically lubricated from the transmission. The clutch is of the multiple disc dry plate type, built in exact accordance with the principles which have guided clutch construction in Buick sixes. All moving driving parts are en-

Front axle of the four cylinder car is an I-beam forging. The rear axle is three-quarter floating type, all the weight of the car being carried on the axle tubes and only driving torque and steadying of the wheels being taken by the axle driving shafts. The third member is of standard Buick type of construction, designed successfully to eliminate all twisting or weaving in the rear axle. Gear ratio of the rear axle on high

streets, J. J. Evans, pastor. The pastor has returned from his vacation and will occupy the pulpit at the morning service. "The Soul's Great Question" will be the sermon topic. In view of the union service at the Park at 4:30 and the union young peoples' program immediately following there will be no night service at the church. The Bible school continues with interesting study and assembly program, opening at 9:45 o'clock. The orchestra, under the leadership of Miss Martha Swart, and the chalk illustrations by T. E. McCroskey are interesting features of the program. Exspeed is 4 2-3 to 1. Wheelbase of all models is 109 inches. The spring suspension is designed to give fine riding qualities to a car of this wheelbase. teresting features of the program. Ex-cellent music at both Bible school and church service. type, are 36 inches long, and the rear springs, also semi-elliptic, are

55 1/2 inches long. Court Street Christian—North Seventeenth and Court streets. Our morning and evening discourses during the summer are sto, he admentise in nature so that we may all know why we are Christians only. If you are interested you want to hear all of them. It is also for the purpose of getting us ready for the group evangleism work this year. Theme, 'I' am, 'The Christ of the Church.' Evening theme, 'The Place of the Clif Testament in Christianity.' Five minutes will be devoted each evening to a recital of the history and purpose of the Restoration movement. Junior following Lord's supper each Lord's Day morning. Union Christian endeavor meeting Willson Park following after union preaching service. Young people urged-to attend. Prayer meeting and topic study Thursday 8 p.m., Prentiss Simpson, leader. You are invited to these services. ou will always find a welcome for you among this friendly people. R. Cord tires are standard equipment on all models. These tires, which are 31x4, are the first straight side cord tires in this size ever manufactured and were built especially to meet Buick requirements for the new four cylinder cars. The tires have been

adopted as standard size. The chassis is lubricated with the high pressure Alemite system. Delco starting and lighting system is standard equipment. All models are complete with tire carrier and extra rim and all are equipped with non-glare headlight lenses.

Shipping weights of the four models are: roadster, 2310 pounds touring car, 2380 pounds, coupe, 2430, sedan, 2650 pounds.

In adding the four cylinder models to the seven models of sixcylinder cars now produced, Buick executives feel that they have rounded out their line and constructed cars which are in every respect worthy of the Buick name.

OLD WHEELS REJUVENATED

There are hundreds of automobile wheels that are nearly worthless on account of loose spokes which will either have to be repaired or replaced by new ones. Replacing with new ones means the outlay of considerable money. running them loose is dangerous. Vick Brothers have just found a very satisfactory way to repair loose wheels which is worth investigating. It can be done while you wait and at a very nominal cost. They will gladly tell you all about it.

m., H. H. Grulapp, superintendent. English and German classes for all ages at 11 o'clock. There will be no even-ing service at this church.

TIRES.. ACCESSORIES

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Investigate our tire, ask

any users about them Let us explain to you the construction and the advantage of the asbestos breaker strip and cushion embodied in the casing. No loose tread causing premature deterioration and trouble.

Fabrics guaranteed 6000 and 8000 miles Cords guaranteed 10,000 miles

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You ride safe and sure on Federal cords because of their scientific non-skid

Their loose cords built up in diagonal layers give you a pliant feeling of comfort that adds to the ease of motoring.

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Cars in good condition and all have been overhauled

Gingrich Motor Co. 371 COURT STREET

PERFORMANCE COUNTS

Experience Is

Best Teacher

We do not expect the time ever to come when all motor truck owners will standardize on MACK trucks-that's beyond probability-but the time now is HERE when more and more of the SHREWD buyers of trucks are choosing MACKS.

The reason for this fact is the satisfactory service MACK trucks render in the hands of their owners. If you care to verify our statement consult the list of recent truck buyers and see the big percentage of them that have chosen MACKS.

Ask why the MACK was selected and the answer will be that previous experience as a MACK owner had shown the MACK to be the best truck equipment on the market, or that the recommendations of owners of MACKS had decided the question of what truck to buy.

Will You Be the Next?

Mack International Motor **Truck Corporation**

A. T. STEINER, District Representative 258 STATE ST. SALEM, OREGON



The Ford Sedan with electric starting and lighting system, with demountable rims with 3½-inch tires all around, is a family car of class and comfort, both in

summer and in winter. For touring it is a most comfortable car. The large

plate glass windows make it an open car when desired, while in case of rain and

all inclement weather, it can be made a most delight-

ful closed car in a few minutes. Rain-proof, dust-

proof, fine upholstering, broad, roomy seats. Simple

in operation. Anybody can safely drive it. While

it has all the distinctive and economical merits of

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