

PRACTICAL HINTS FOR MOTOR CAMPER

First of Series of Stories for the Novice Voyager.

ARTICLE No. 1.

Before starting out on a motor car camping tour look over the tool box and see that it contains the necessary wrenches, such as open end wrenches, and adjustable (or monkey) wrench, a Phillips wrench and a spark plug socket wrench, a pair of pliers, also a clean repair pier, a mechanic's hammer, a large and small screw driver, files, a spool of soft iron wire, a box each of assorted nuts, bolts and cotter-pins, a box of extra tire valves, a tire pressure gauge, some extra spark plugs and rim lugs, a box of talcum powder, a few feet of high and low tension cable, a roll of tape, an extra valve and spring, a grease gun and an extra spring clip and bolts.

Begin the journey with tires in good condition and with two extras (with covers), preferably inflated on rims; three extra tubes, carefully rolled and packed in burlap to keep from chafing; a box of tube patching outfit for punctures and a blow out patch or inner boot. Carry a tire pump in good order and a road block, also a small piece of plank 2x3x18 inches, to use as a base for the jack on soft ground. Weed chains, preferably two sets, are necessary equipment and a half dozen extra cross chains should be in the tool box. Carry a steel rope for towing, a collapsible canvas bucket and a five gallon canvas water bag, also one upper and one lower rubber hose connection for radiator, with clamps. Bring a two pound box of cup grease and a gallon can of extra lubricating oil.

To carry duffel bags, tent, commissary boxes and other camp equipment securely on the running board equip the car with a folding parcel carrier or use footman bags, through which run webbing straps for fastening the equipment snugly. Similar loops may also be screwed to the tonneau floor to be used for strapping down suit cases or other baggage to keep them from shifting and annoying the passengers.

See that the car is in good working

Notice to Readers

The automobile editor will cheerfully furnish you with further information about any passenger car, motor truck or accessory described in these columns but not named. He will be pleased also to be of service to you in furnishing special touring information. Just address your communication to Burton S. Brown, Automobile Editor, THE SUN AND NEW YORK HERALD.

order and all parts well lubricated before starting on the tour and that the battery is fully charged. Have the top in good shape and the curtains with no broken lights. Number the side curtains to facilitate quick attachment in a sudden storm. Now a few words of final advice, which read over every day or two to see that none of it is forgotten:

Do not overload the car. Distribute the weight to equalize the strain on springs. Use soft water for radiator; rain water is best, continuous use of hard water is bad; watch the breaks, making prompt adjustments to take up wear and renew brake lining when worn. Shift gear when motor begins to labor on a grade; do not strain it unnecessarily. Watch the alignment of the wheels. When driving watch the instrument board to see that the ammeter indicates charging the battery by the generator. If there is no generator on the car have the battery tested often.

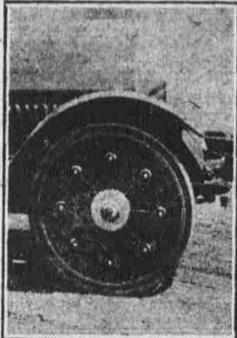
In all States, except those listed below, glaring headlights are prohibited, the laws requiring anti-glare lenses or dimmers: Alabama, Arkansas, Idaho, Louisiana, Mississippi, New Mexico, Oklahoma, Rhode Island, South Carolina and Tennessee.

Remember that proper lubrication is absolutely essential to best performance of the car and to its economical use. When touring turn down grease cups and fill oil cups and oil holes every day; lubricate spring leaves often; replenish oil in crank case every day and renew at least every thousand miles; replenish grease in universal joints every 500 miles, even though they are hard to reach underneath the car; do not pour heavy oil into differential above the level of overflow hole or it will escape at the brake drum and spoil the efficiency of

the brakes besides causing injury to the tires. Remember that abrupt stops, quick starts and side slides are very bad for tires. Repair small tire cuts promptly. Have sand blasters or mud bolts repaired as soon as they appear; they are due to under inflation. Use talcum powder when inserting tubes in casings, but do not use too much. Do not drive in ruts; it wears out the sidewalls of the casings. Do not allow oil or grease to remain on the casings; wipe off with a rag moistened with kerosene. When using Weed chains do not adjust them too tightly; allow them to creep. Always drive with proper regard for the tires, avoid boulders, sharp stones and severe jolts. Remember that wet rubber cuts. It is tough only when dry. Finally, keep the tires well inflated (this is excellent economy), using for fabric tires a pressure of twenty pounds for each inch of diameter and for cord tires sixteen pounds. Use gauge to determine pressure accurately and make tests every morning.

When stuck in a mudhole or on a sandy stretch do not speed up the engine and "jump" the clutch. This will only cause the wheels to spin and the car to sink deeper. Open the throttle only far enough to keep the engine from stalling and engage the clutch slowly. The chances are that this method will procure traction.—By A. L. Westgard, A. A. A.

New Type of Wheel



The claims for this unusual wheel are that it is frictionless and noiseless and does not require lubrication. Instead of the conventional rigid spokes there are eight cushion spiral springs, while the rubber cushion around the hub still further protects the car from shocks and strains.

Dr. Robertson, the inventor, maintains that his wheel thoroughly cushions the car against all vertical, torsional, tangential, lateral and radical thrusts.

One of the great uses of this wheel is expected to be on motor trucks.

Travel and Transport Topics

The upper Hudson River ferries are now running on their regular summer schedules. This includes the ferries between Hudson and Athens, Catskill and Greendale, Kingston and Rhinecliff, Poughkeepsie and Highland.

Cartoonist ferry, used by many tourists passing through Staten Island en route to Hahway, New Brunswick and Trenton, will open this month.

The best route to Philadelphia for the present is through Morristown, Bernardsville, Somerville to White House, then taking the York road through Flemington, Lambertville to Philadelphia. The Lincoln Highway, though more direct, is still in repair.

MOTOR INDUSTRY MAKES A RECORD

Advances in Price Are Less Than Those in Other Lines.

"The fact that the average price of automobiles has increased less than 10 per cent since 1915, as against an increase of 138 per cent in the price of commodities, should indicate to the public that the automobile manufacturers and dealers have been doing some real constructive work toward keeping down the high cost of living," says E. S. Partridge. "With an opinion prevailing very generally that the quality of general commodities and merchandise offered now is not up to prewar standard, the automobile industry again scores very heavily because the quality, appointments and general 'get up' of the cars of to-day are greatly superior to those of four years ago. This puts the in-



BRAND NEW Owen Magnetic Model W 42-1919
2 Passenger Roadster
2 Extra Seats.
Bought for Export.
Customer cancelled order.
Price: \$7,000.
Apply Monday or following days.
N. Benzon
Phone: STUYVESANT 8206

dustry in the unique position of giving to the public more for their money than ever before and at the lowest possible increase in price.

"The latest figures furnished by Bradstreet's show that seven groups of commodities—breadstuffs, livestock, metals, coal and coke, naval stores, building materials, chemicals and drugs—advanced between March 1 and April 1 of this year; while six—provisions, fruits, hides and leather, textiles, oils and miscellaneous products—declined. In textiles a sharp line was drawn between cotton and its products and other textiles, the former rising and the latter

declining. All breadstuffs advanced, but provisions showed marked irregularity, with milk and eggs turning the index scale downward. In all thirty-eight products advanced, twenty-seven declined and forty-one remained unchanged in March.

"In 1916 the average price of automobiles was about \$1,500. To-day the average price is about \$2,500. This includes all the cars manufactured. The condition of affairs in the automobile industry indicates how rapidly the manufacturers put through their after the war readjustments. With many other industries still in an unsatisfactory con-

dition the automobile men are increasing their production day by day to take care of not only the natural increase of buyers that comes from year to year, but an abnormal rush of new business.

"So, no matter how much gouging may be going on in some quarters in the opinion of the public, none of it can be laid at the door of the automobile industry, which is making an honest and successful effort to keep down the high cost of living. As one able citizen has put it, the automobile industry does not want to increase the high cost of living for the profit there is in it because of the high cost of living it down."



LAFAYETTE

Nowhere will the LA FAYETTE find truer appreciation than among the people of New York, whose long and intimate association with fine motor cars has made them so responsive to real engineering achievement.

PORTER-LA FAYETTE CO., Inc.
1763 Broadway, at 57th St., New York.



LA FAYETTE MOTOR COMPANY
at Mari Hill, Indianapolis

Ford cars go 32.1 miles on a gallon of gas

THAT is the record recently made in 16 official tests of Ford Cars fitted with the Pledger Gas Saving Accelerator. They were just ordinary used cars. They had been averaging only 16 and a fraction miles to the gallon—probably about what your own car is making.

The test runs were made in thirteen different southern cities. One car in New Orleans ran 40.2 miles before its single, measured gallon of gasoline was exhausted. The average increase in mileage was over 100 per cent.

None of the gas was WASTED—that's the answer. The Pledger Accelerator enabled their engines to get the full driving force out of every particle of it; to vaporize and EXPLODE every particle of it, instead of merely burning up a lot, as almost all motors do.

Thousands of Ford Car owners are now obtaining 50% more mileage by using the Pledger Gas Saving Accelerator.

You can do the same—there's not the slightest doubt of it. We are just introducing the Accelerator in New York. It is for sale here now. You can have one fitted to your engine by any one of the dealers mentioned below.

PLEDGER GAS SAVING ACCELERATOR increases your mileage 50%

Two basic principles are responsible for the enormous success of the Pledger Gas Saving Accelerator. First, it automatically supplies the engine, at all speeds, with exactly the right quantity of air. Second, it delivers a strong jet of auxiliary heated air, setting up an air friction that vaporizes instantly even the lowest grade gasoline. All carburetors are adjusted while the engine is running at some certain speed. And what is the inevitable result? They supply the RIGHT amount of air ONLY when the engine is running at that speed.

The automatic Pledger Accelerator corrects that fault. It enables the engine to thoroughly vaporize the gasoline at every speed. It prevents it from pumping a semi-liquid mixture, which is combustible but NOT EXPLOSIVE. It prevents the formation of carbon in the cylinders. And it eliminates the smoke and odors from unexploded gasoline.

A convenient foot throttle is another feature of the Pledger Gas Saving Accelerator; the usual hand control is used only in starting, and for an unusually heavy pull, after which the supply of gas is regulated entirely with the foot pedal. The Pledger Gas Saving Accelerator both in principle and application is unlike any automobile appliance ever before manufactured.

Price, including installation, \$25

It takes only from 30 to 45 minutes to install the Pledger Gas Saving Accelerator. Any one of the well known dealers listed at the right will sell you the appliance and fit it to the engine of your car without charge for installation. Get a Pledger today. Begin at once to cut down the cost of your gasoline. Write for Booklet.

Responsible Distributors

Correspondence is invited from responsible parties in a position to represent the Pledger Gas Saving Accelerator in exclusive New York and New Jersey county territory. The opportunity is a great one; no other automobile accessory ever has equalled the success of the Pledger Accelerator wherever it has been introduced.



AUTOMOTIVE APPLIANCES ASSOCIATION

Exclusive Distributors for New York and New Jersey
63 Wall Street, New York

Telephone Hanover 350

HORNE & LE BLANC, New Orleans, Sole Distributors.

50 per cent. more mileage guaranteed

Watch for this car on the Concourse May 11 and 12

It will be just an ordinary, 5-passenger Ford. But it will be demonstrating to every Ford car owner the enormously important fact that he now can get from the same amount of gasoline 50 per cent. more mileage.

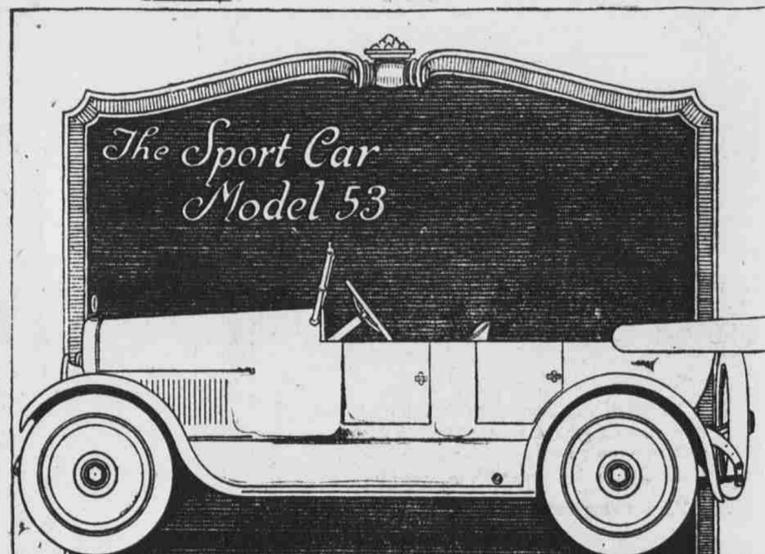
The car will start at 5 o'clock on Tuesday afternoon and continue to run on the Concourse as far as ten gallons of gas will carry it. The gasoline will be measured out, sealed in the tank and the run made in the presence of the following committee of experts.

- CHARLES L. LAWRENCE, Consulting Engineer, New York City
- F. L. BELKNAP, Engineer, Board of Purchase, City of New York. Official Observer for the City
- FRANK TARANTOUS, Managing Editor of Motor, New York City
- L. V. SPENCER, Associate Editor of Motor Life, New York City
- FRED MACALLISTER, Automobile Editor New York American, New York City
- R. B. HALLEY, New York Sun, New York City

See the start, at 5 P. M. on Tuesday, May 11, and the finish sometime Wednesday morning.

Installation Stations

- HANOVER SQUARE GARAGE
122 Pearl Street
- LAFAYETTE GARAGE
277 Canal Street
- GRAMERCY PARK GARAGE, Inc.
57 Irving Place
- S & T GARAGE
148 West 20th Street
- FORD SERVICE & PARTS
117 West 51st Street
- WEST SIDE AUTO REPAIRS
214 West 65th Street



The Sport Car Model 53

MODERATELY PRICED, yet supremely good—the new Davis models have established their undisputed right to the claim, "Built of the Best." The distinctive beauty of the snappy-appearing four-passenger sport car is typical of the entire Davis line.

MODELS: OPEN CARS—MOD. 51, FIVE-PASS. TOURING. MOD. 52, FOUR-PASS. SPORT. MOD. 53, FOUR-PASS. SPECIAL SPORT. ENCLOSED CARS—MOD. 54, FIVE-PASS. SEDAN. MOD. 55, FOUR-PASS. COUPE.

DAVIS MOTOR CORP.,

DAVIS MOTOR SALES CO., 1392 Bedford Ave., Brooklyn.
STATE MOTOR SALES CO., 368 Broad St., Newark, N. J.
E. S. MOTOR SALES CO., 1411 Bergaline Ave., West New York.
R. H. MOE, INC., 127 Central Ave., Tarrytown, N. Y.

1748 Broadway, New York City.



"Built of" **DAVIS** "the Best"

Geo. W. Davis Motor Car Co.,—Richmond, Ind.