

WILLYS-KNIGHT 70 IS FINE PERFORMER

Hills Are Flattened by Remarkable Engineering Principles of Car

Among the first of advantages pointed out by these owners' letters is the roadability of the new "Seventy." "I have never driven a six-cylinder that possesses such a fine balance and road poise," writes one enthusiastic owner who has given his car many severe tests, while another simply says, "It out-performs any other six-cylinder automobile I have ever driven."

In the designing and construction of the first "Seventy" Willys-Knight Six, Willys-Overland engineers spent months and months of planning to develop a performance in the new car that would be outstanding. That they have succeeded is evinced, not only by the popular stamp of approval voiced for this new car, but in the results of the most strenuous of engineering tests before the car was accepted for production.

Cove Mountain, Md., was the scene of official tests of the new "Seventy." It was here that, under the closest of observation the new car was tested under similar loads and tests with twenty of some of the most prominent of American-made automobiles and some half dozen foreign cars. The results of these engineering tests indicated that the new Willys-Overland product developed the surprising torque of 118 foot pounds, the highest torque of any of the American-made cars tested. This exceptional performance was equalled by only one car, and that another sleeve-valve engine of foreign make. Under test the new Willys-Knight "70" developed 668 foot pounds per cubic inch

of displacement while the next highest was but .562. With the compression ratio of the sleeve-valve engine greatly exceeding that of the poppet type, this feature in combination with the unusually high torque is responsible, according to engineers, for the remarkable flexibility of the new engine and its ability to climb steep hills without seeming effort. The compression ratio of the new car is 18.4 and, with the unequalled cooling arrangement about the cylinder, makes possible engine operation under load or at excessive speed with no detonation.

Another practical test of the new "Seventy," conducted with two of the new cars, was a 2500 mile run north into Canada and return in which the greatest possible range of temperature were obtained. During this long distance the new car averaged 18 miles per gallon under all weather and road conditions, neither of the carburetors having their adjustment changed during the entire trip.

In addition to these tests, some unique features which bring the design of the sleeve-valve engine to a leading position, assist in making this new car an outstanding performer. With the carburetor located on the opposite side of the engine from the exhaust ports, the exhaust gases are conveyed around the front of the engine and into a header between the carburetor and the inlet manifold. This arrangement greatly assists in the vaporization of intake gases, maintaining the gas vapor at a higher temperature and assisting in a quicker and more complete combustion.

In a recent drive, a Willys-Knight "Seventy" produced some remarkable results. N. B. Bronner of Little Falls, New York, in company with four others, drove one of the new Willys-Knight "Seventies" from Little Falls to Buffalo with these achievements: They covered the entire distance of 238.1 miles in 8 1/4 hours despite the fact that they drove through one of the worst snow storms New York state has experienced in years. Leaving Little Falls at 6:15 P. M., they started for Buffalo through the storm with a 927 pound load. The "Seventy," ready for the road and carrying chains, weighed 3100 pounds.

The accurate check of Mr. Bronner showed that during that distance the new car averaged 19 1/4 miles to the gallon of gasoline despite the high wind and snow. After the trip the driver made this statement: "I have been in the automobile business since 1911, driving all makes of cars, but I have never yet found a car that would perform under such difficult and trying conditions as did the "Seventy."

In another drive against time, the new "Seventy" beat the time of the fastest train between Chicago and St. Louis, making the 570 miles at an average speed of 41.22 miles per hour. It is such performance records from owners and dealers that have paved the way for future success of this new six.

tion of Georgians will accompany the statue to Washington for the ceremony.

UNION AUTOMOBILE INSURANCE COMPANY

Synopsis of the Annual Statement of the UNION AUTOMOBILE INSURANCE COMPANY of Los Angeles, in the State of California, on the thirty-first day of December, 1925, made to the Insurance Commissioner of the State of Oregon, pursuant to law:

Table with columns for Capital, Income, Disbursements, Assets, and Liabilities. Total income: \$1,940,202.25. Total assets: \$65,619,510.87.

THE FIDELITY MUTUAL LIFE INSURANCE COMPANY

Synopsis of the Annual Statement of THE FIDELITY MUTUAL LIFE INSURANCE COMPANY of Philadelphia, in the State of Pennsylvania, on the thirty-first day of December, 1925, made to the Insurance Commissioner of the State of Oregon, pursuant to law:

Table with columns for Capital, Income, Disbursements, Assets, and Liabilities. Total income: \$1,940,202.25. Total assets: \$65,619,510.87.

MERCHANTS LIFE INSURANCE COMPANY

Synopsis of the Annual Statement of the MERCHANTS LIFE INSURANCE COMPANY of Des Moines, in the State of Iowa, on the thirty-first day of December, 1925, made to the Insurance Commissioner of the State of Oregon, pursuant to law:

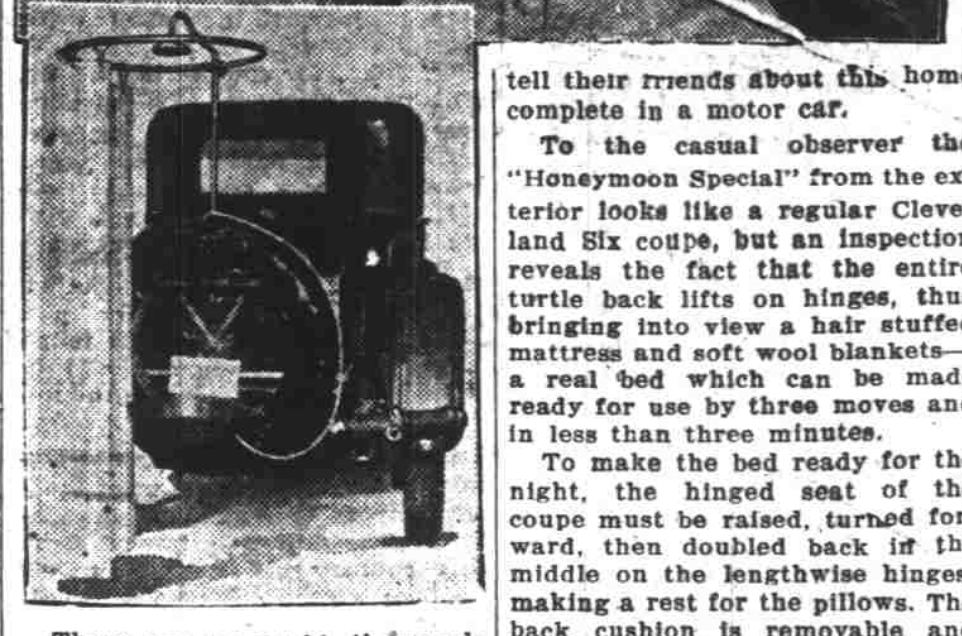
Table with columns for Capital, Income, Disbursements, Assets, and Liabilities. Total income: \$1,940,202.25. Total assets: \$65,619,510.87.

HOME LIFE INSURANCE COMPANY

Synopsis of the Annual Statement of the HOME LIFE INSURANCE COMPANY of New York, in the State of New York, on the thirty-first day of December, 1925, made to the Insurance Commissioner of the State of Oregon, pursuant to law:

Table with columns for Capital, Income, Disbursements, Assets, and Liabilities. Total income: \$1,940,202.25. Total assets: \$65,619,510.87.

Parlor, Bedroom, Kitchen and Bath Available on "Honeymoon Special"



There are, no doubt, thousands of newly married couples throughout this broad land who would desire nothing better than to start out on the matrimonial highway in this unique Cleveland Six "Honeymoon Special," states R. N. MacDonald, local Cleveland Six distributor. It surely lives up to its name for it's a virtually a happy home on wheels—even to the extent of a shower bath.

Full credit for designing this attractive "Honeymoon Special" goes to the Cleveland Motor Sales Company, Cleveland Six distributors at St. Louis, Mo. It was built from a regular series 43 Coupe model, but when one investigates its makeup it is so unusual that it has made people talk about it wherever it has been on display.

At St. Louis, it proved to be a sensation at the automobile show, likewise at Boston. At Cleveland distributors' salesrooms it pulled record breaking crowds to view it. Each year more and more motorists realizing the advantages to be gained through touring by motor car and because the "Honeymoon Special" completely incorporates all the necessities of a most extended camping or honeymoon tour, people flock to see it, study it and then go away and

out of place when the bed is being made up. The door and windows are equipped with detachable screens. No flies or mosquitoes will find entrance in this "One Shot" Honeymoon Special.

The car is finished in a rich shade of rookite tan Duco with a green shade above the raised head. The narrow horizontal door panels are hand-painted in colors, depicting scenes such as "The Devil's Dance" and other side "Dance of the Seven Veils." A pea green color predominates over the chassis, while a plakin brown is the color finish on the wheels.

In all, this Honeymoon Special is a rare creation. It is anticipated that this model will be shown at the various distributing points throughout the United States. If it is, you want to see it, because it is the most unique combination of utility features you ever laid your eyes on.



The car illustrated is the De Luxe Coach, priced \$2840 at Lansing.

ASKS NO FAVORS FEARS NO ROAD

The ease with which Oldsmobile Six absorbs road punishment is directly traceable to the exacting standards and precision of Oldsmobile manufacture. Specially designed, accurately constructed, superbly capable of meeting every driving condition—here is a car, high in quality, low in price. Big, beautiful, staunch—powered by a motor of extraordinary performance capacity—it asks no favors and fears no road!

COACH \$950 F.O.B. Lansing, Mich.

Capitol Motors BIDDY BISHOP, Mgr. 370 N. High Street Telephone 2126



Facts you should know about Studebaker Cars

4. Completely Machined Crankshafts

STUDEBAKER spends \$600,000 a year to give you this costly-car feature. There are probably less than ten cars in the world with fully machined crankshafts—and there are less than ten other engines in the world that run as smoothly as Studebaker. Vibration is eliminated. Longer engine life is the result. Compare Studebaker prices with prices of other cars that have this important feature.

MARION AUTOMOBILE CO. 235 South Commercial Street—Telephone 362 DAY AND NIGHT SERVICE

Erect Statue to Discoverer of Ether as an Anesthetic

ATLANTA, Ga.—Bruises led Dr. Crawford W. Long to the National Hall of Fame. His statue will be unveiled in Washington March 30, on the eighty-fourth anniversary of his discovery of the value of ether as an anesthetic.

Inhalation of ether for its exhilarating effects and the subsequent discovery of bruises of other painful wounds on his person which he had no recollection of receiving, led him to the conclusion that ether was valuable as an anesthetic.

Governor Walker and a delegation...

Magneto Specialists

Magneto repairing and replacement of parts done by long experienced men. No use to worry—if the job is done here—it will be done right.

Official Service on Bosch Magnetos

AUTO ELECTRICAL WORK OF ALL KINDS BATTERY TESTING AND REPAIRING

Battery and Electrical Service E.H. BURRELL 238 N. High Street Phone 203

The New 70!

Now on display at our showrooms

... a car of unparalleled efficiency, powered with the patented Knight sleeve-valve engine, out-performing anything ever built of its size, type, or class.

NOW—the "70"... A new Willys-Knight Six... With the patented Knight sleeve-valve engine... A new running-mate for the car with the greatest performance-record in America! In every sense a comrade-car to the famous Willys-Knight Great Six... And this new creation is now available to a welcoming public at the price of the ordinary poppet-valve Six!

The world's acceptance of the Knight sleeve-valve engine's outstanding superiority over all other types of internal combustion engine has already become an unquestioned fact. It admits of no controversy. With the expiration of the Knight patents in Europe, the trend of leading manufacturers across the water has definitely turned toward the Knight motor. A study of the equipages of Royalty, and of the winning racing cars of Europe demonstrates this beyond the shadow of a doubt.

In speed and power the new "70" Willys-Knight literally out-performs all other stock cars of comparable size. It combines the Knight sleeve-valve engine in its utmost perfection, with the finest and best achievements of brilliant engineers on both sides of the Atlantic. This car presents an unparalleled engine-efficiency, a super-efficiency possible of attainment only in the Knight type of engine. It affords an unequalled combination of liberal room with compact appearance. It has a long, racy effect, with moderate actual length. Here, too, is economy of weight never before achieved in a motor car of its type.

See this car today or during the week at MacDonal Auto Company Corner Cottage and Ferry Telephone 409