

Highway and Auto Dope

AUTOMOBILE NEWS

Traffic and Tourist News

LIGHT WEIGHT CHRYSLER IS BROUGHT OUT

Manufacturer of Famous Six Designs Cars to Enter the Low Weight Class.

Chrysler today announces a new four-cylinder line, in response to a public demand for another car bearing this name which has become recognized as one of the most distinguished in the motor car industry.

The new Chrysler four, offered in touring car, club coupe, coach and four door body sedan styles, priced from \$1995 to \$2695, built in Detroit, is built for the benefit of the thousands who desire in a four-cylinder car the same comparative superiority embodied in the Chrysler six.

This new car is the product of the same engineers and manufacturing executives who in the Chrysler six revolutionized motor car design and construction. Motor car authorities who have seen the new model consider it to be equally as notable an achievement in its field as the famed champion. It is built to the same class manufacturing limits and of the same high quality of materials.

The new Chrysler four is the outgrowth of research, design and test which first resulted in the conception of the Chrysler six, in the opinion of Walter P. Chrysler, head of this organization who has become one of the dominant personalities in the automotive field, in his newest achievement. "Adaptation of the results achieved model has been going on since the appearance of the six."

Six Forward for Power.

According to the S. A. E. formula, the horsepower of the new four is 21.98. It actually delivers 23.5. Uniform fuel distribution to all cylinders, complete combustion, perfect valve action, highly efficient operating temperatures, ample

capacity of cooling system and general water-jacketing of cylinders with wide valve ports are factors that make this noticeable general efficiency possible.

"You can drive this car all day under heavy load or at top speed and the engine will not overheat or lose power," Mr. Chrysler continues.

Engine lubrication is by positive, full-force, feed, sending a continuous flow of oil under pressure to all main bearings and, through drilled passages in the crankshaft, to all connecting rod bearings. A cushion of oil at these points is called wet sump, the extra cost by no means, rather than having the obsolete-metal contact and rapid wear common to splash sump.

Remarkably Free from Vibration.

The entire car is called remarkably free from vibration. Elimination of it is due to balancing all rotating and reciprocating parts; short, heavy, and rigid crankshaft in conjunction with light pistons and connecting rods; dynamic balance of all parts that revolve such as crankshaft, clutch hub and flywheel; and mounting of connecting rods and pistons assemblies to the frame of an engine.

That the engineers have not stopped there in disposing of vibration, Mr. Chrysler continues, "One of the most unusual features is the method by which the engine is isolated from the frame to prevent the disturbance of road irregularities from being transmitted to it through the springs. The engine front end is mounted on a floating platform spring. Its usual rigid bolting to the chassis frame as the front end is entirely lacking. Bushings of the rear engine arms to the chassis have rubber bushings and pads interposed, eliminating the destructive contact of metal with metal. Thus the engine is literally cushioned on either at that point. The combination of these two unusual practices means complete insulation against vibration in the chassis frame."

This ingenious arrangement, Mr. Chrysler says, gives to occupants for ramble or tremor to reach the body of the car or its occupants. It promotes an unmistakable smoothness in engine and chassis operation particularly, he says.

Chassis is of unusually sturdy construction. Added to the customary design of strong, stiff cross members in a stout torque tube at the front, and a wide, strong integral brace of heavy gauge metal at the rear. Frame weaving and distortion—the two actions which

loosen body bolts and set up stresses—are thus largely overcome. The motor is also bolted rigidly to the chassis side frame side members.

Unusually Easy to Drive.

Steering mechanism is especially designed for balloon tires. The king-pins are provided with ball thrust bearings rather than the customary plain type. Steering mechanism is designed to straighten itself out after making a turn. Another indication of Chrysler progressiveness is the fact that the new four is the lowest priced car ever offered with the option of Chrysler Lockroad four wheel brakes, which have gained so much popularity on the six-cylinder models.

The body design combining compactness for easy handling on the road, easy parking and economy, with generous roominess, no distinctive of the six, is also to be found in the new four. In this new model the motorist is given greater roominess than in many cars that have a longer wheel-base.

All closed bodies are by Fisher, with one-piece, vision-ventilating windshield, rapid acting window lifters and high quality upholstery and hardware.

The Chrysler organization is equally as proud of this new four as of the Chrysler six," concludes Mr. Chrysler. "It is in every way modernly engineered and designed—and the simplest and thoroughly modern expression of the four cylinder principle."

Its abilities include a gasoline economy of 25 miles per gallon, acceleration from practically a standstill to 25 miles an hour in eight seconds and a speed range remarkably adapted for dynamical power in hilly country.

All closed bodies are by Fisher, with one-piece, vision-ventilating windshield, rapid acting window lifters and high quality upholstery and hardware.

The Chrysler organization is equally as proud of this new four as of the Chrysler six," concludes Mr. Chrysler. "It is in every way modernly engineered and designed—and the simplest and thoroughly modern expression of the four cylinder principle."

Its abilities include a gasoline economy of 25 miles per gallon, acceleration from practically a standstill to 25 miles an hour in eight seconds and a speed range remarkably adapted for dynamical power in hilly country.

FROM BILL WHITE.

"Another hakenried family has been made happy by the addition of a Star to their family. However, this one did not arrive by freight or via the drive-way, but was brought by the stark, in the form of an eight pound baby boy, who they named John Star Hawkins. When asked why he was so called, the mother proudly replied, 'He's Tomorrow's Man Today.'"

Murdock, at Hixsonville, tells it. Murdock is with the Central Garage, Star car dealers.

The skinny has a slender chance of keeping cool, but the pump has a fat chance.

Another angle in the work of giving the owner the ultimate in driving satisfaction is the service

Chevrolet Service Schools Increased

The Chevrolet Motor Company, expanding its policy of assuring four years of driving satisfaction thru proper service, has added three more units to its chain of service schools.

There are now ten schools in various parts of the country, each in charge of the highly skilled instructors. It is automatic that there always is one right way and several wrong ways of doing anything. The Chevrolet instructor teaches that right way. Their classes are small—not more than six or eight men—to permit of individual attention. Each week, the ten schools return to the service department between 50 and 100 graduates, mechanics whose specialized knowledge of the car and its servicing equipment stimulates the element of chance and guesswork.

"Improper fitting of a nut or part may cause expensive damage to any automobile," declares T. R. Baldwin, director of Chevrolet parts and service departments, "and when a man leaves one of our schools he is a precision mechanic. He does not guess, he knows. He has knowledge of the Chevrolet mechanism unobtainable in any other way."

The seven original service schools were established last summer at each of the Chevrolet assembly plants in the United States located at the following cities: Flint, Mich.; Tarrytown, N. Y.; Buffalo, N. Y.; Norwood, O.; St. Louis, Mo.; Ingersoll, Wis.; and Oakland, Calif. The success of this group resulted in the establishment of the three additional schools at Dallas, Texas; Denver, Colo.; and Portland, Ore., for service men in territory geographically remote from the assembly plant schools.

A chief instructor travels constantly from one school to another. In the schools are Chevrolet chassis used motors, gears, axle and transmission assemblies upon which the students work with Chevrolet precision equipment. Often a motor is intentionally disabled and then placed in perfect order.

The students come from the service departments of the 2,400 direct dealers and the many associate dealers. The intensive course lasts one week. Shop foremen but many subordinate mechanics also attend the schools. Only Chevrolet men are accepted as students.

Another angle in the work of giving the owner the ultimate in driving satisfaction is the service

It is well recognized that in communities where the highways are marked with standard signs by the highway department in charge of the roads, motorists are sure to heed the notices of caution or danger. They know that such signs warn of a hazard that actually exists and are not placed merely to frighten them into paying an advertisement.

States known for their comprehensive marking systems are the states that are receiving a large share of the motor tourist business. There travel is quick and sure and

the judgment of the visiting tourist is enthusiastically favorable. It is one thing to solve crossword puzzles by the roadside but quite another to solve crossword puzzles on the highway.—Illinois Motorist.

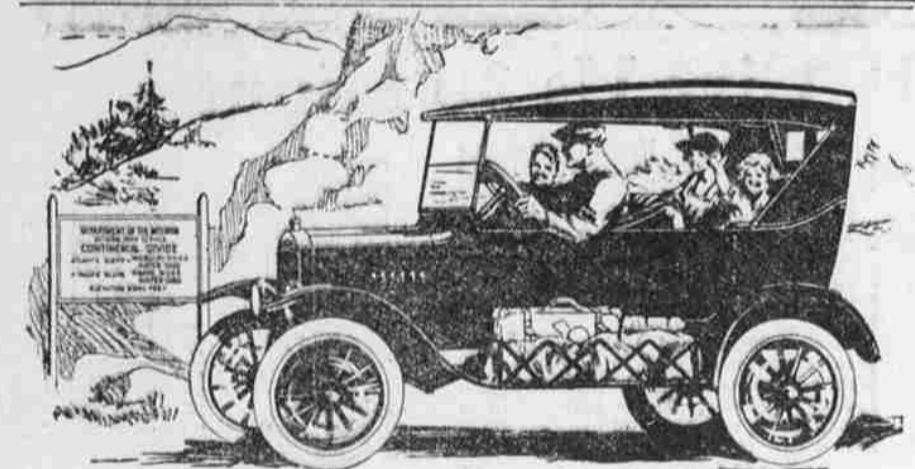
The clothes that make the woman are the clothes that break the men.

As the brides say, a ring on the hand is worth two in the store.

With far costs stewed away the moths have it soft.

NO JINN "13" BUILT.

on a recent occasion when the day and the thirteenth occurred at the same time, numbers of the Kaiser Brothers, Los Angeles, builders, were fortunate. Scattered about to the four winds, and strangely, Lady Luck, in the form of many car sales, were recovered from a way two hours as the day was about to close. There were some, however, who returned to buy on Friday, the thirteenth, and the remaining orders were closed the next day.



Vacation Days

More than 8,900 Ford cars from every section of the country visited the Yellowstone National Park during the open season of 93 days in 1924. Here is real evidence that for long tours as well as short trips, the Ford car is a favorite among motorists everywhere.

Ford popularity is based upon small first cost and low operating expense. You can buy a Ford on easy payments and take a real vacation this summer—go with the whole family to the mountains, or seashore; visit the Yosemite Valley, the Grand Canyon, Glacier National Park, the Great Lakes or the Adirondack Mountains. Wherever you drive along the nation's highways, you will find an Authorized Ford Dealer ready to serve you and glad to direct you along the way.

Touring \$290	Runabout	\$260
	Coupe	\$240
	Tourer Sedan	\$280
	Fordor Sedan	\$60

On open cars demountable rims and starter are \$65 extra. All prices f.o.b. Detroit.



SEE ANY AUTHORIZED FORD DEALER OR MAIL THIS COUPON

Please tell me how I can secure a Ford Car on easy Payments:

Name _____

Address _____

City _____ State _____

Mail this coupon to **Ford Motor Company**, Detroit

Rubber Case Batteries

Look! At These Prices

FORD CHEVROLET STAR All Small Cars.	\$14.75
BUICK STUDEBAKER NASH ETC.	\$18.50
DODGE	\$22.50
FRANKLIN	\$22.50

UNITED MOTOR SERVICE
Delco - Klaxon - Remy
A Complete Stock—Expert Service

Battery & Electric Station
1311 Washington Ave. DALE COX

The Aristocrat of Low-Cost Cars

This 1925 Star Sport Coupe has swept the country with its aristocratic beauty.

Line for line it's the handsomest coupe built—and at a price which you can afford.

Distinction in every feature of its design. Beautifully finished in Flint gray and slashed with snap black. Comfortably compact—roomy as a coach.

Powered with the new Million Dollar Motor. One-piece windshield, balloon tires, four-wheel brakes—and all the value features that make any Star model—the greatest value buy in the world.

"Tomorrow's Car Today"
See It at Your Dealer's

Safety!

No skidding with Four-Wheel Brakes—that's why all high-priced cars have them. The 1925 Star Car is the only low-priced car with Four-Wheel Brakes.

J. P. MORELOCK
THE GREATEST VALUE BUY IN THE WORLD

Diamond Tires Reduced

IN ORDER TO GIVE TIRE USERS OF THIS COMMUNITY WHO GET LICENSE PLATES JULY FIRST A CHANCE TO EQUIP WITH NEW TIRES AT A REAL PRICE, WE ARE GOING TO SELL DIAMOND TIRES AT THE FOLLOWING PRICES.

These Are Regular Quality Guaranteed Diamond Tires.

30x3	Fabric Cl.	\$ 7.20	33x5	SS Cord	\$32.60
30x3 1/2	Fabric Cl.	\$ 8.10	34x4	SS Cord	\$20.25
32x3 1/2	Diamond Cord	\$15.50	34x4 1/2	SS Cord	\$26.00
31x4	SS Cord	\$16.95	35x5	SS Cord	\$33.90
32x4	SS Cord	\$18.70	33x4 1/2	SS Cord	\$25.50
32x4 1/2	SS Cord	\$24.70	33x4	SS Cord	\$19.50

These Prices Are Good Only to July 4th. We Have All Sizes in Stock.

Oregon Hdw. & Imp. Co.