

CHRYSLER OUT WITH NEW FOUR

Companion Car to Six Meets Urgent Demand

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 \$895 to \$1095, f. o. b. Detroit, is built for the benefit of the thousands who desire in a four-cylinder car the same comparative superiorities embodied in the Chrysler Six.

This new car is the product of the same engineers and manufacturing executives who, designed 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 its famed companion. It is built to the same close 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," is the comment of Walter P. Chrysler, head of this organization who has become one of the dominant personalities in the automotive field, on his newest achievement. "Adaptation of the results achieved in the Six to our four-cylinder model has been going on since the appearance of the Six."

Record for Power Development

According to the S. A. E. formula, the horsepower of the new Four is 21.03. It actually delivers 38.5. Uniform fuel distribution to all cylinders, complete combustion, perfect valve action, highly efficient operating temperature, ample capacity of cooling system and generous water jacketing of cylinder walls and 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 well worth the extra cost by engineers, rather than having the metal-to-metal contact and rapid wear common to slash oiling.

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 matching of connecting rod and piston assemblies to the fraction of an ounce.

"But 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 disturbances of road irregularities from being transmitted to it through the chassis. The engine front end is mounted on a floating platform spring. Its usual rigid bolting to the chassis frame at the front end is entirely lacking. Fastenings 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 rubber

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 no opportunity for rumble or tremor to reach the body of the car or its occupants. It promotes an unmistakable smoothness to engine and chassis operation particularly, he says.

Chassis is of unusually sturdy construction. Added to the customary design of strong, stiff cross members is 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 squeaks—are thus largely overcome. The radiator is also bolted rigidly to the chassis frame side members.

Unusually Easy to Drive

Steering mechanism is especially designed for balloon tires. The kingpins 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 Lockheed 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, so 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 wheelbase.

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 soundest 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 unusual power in hilly country."

Conference Golfers in Final Matches Saturday

Semi-finals in the Western Intercollegiate Conference golf tournament being held at the Sunset Ridge golf club will be played today. Saturday, the two winners of the semi-finals will play a match to decide the winner of the tournament. More than 100 entrants have been using the club links this week. Monday and Tuesday were set aside as days of practice, Wednesday a qualifying round of 36 holes was

played, and yesterday 16 players engaged in 36 holes match play. The Sunset Ridge club is proving a favor-

ite spot for tournaments, several having been played there already this season.

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"THE CRUISE OF THE NONA"
By Hillaire Belloc
Houghton Mifflin\$4.50

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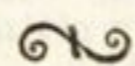
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