Details of
ESSEX SIX CONSTRUCTION
How Essex Six Quality is Kept High

The Essex Six, built by Hudson under Hudson patents, yields a remarkably high degree of all-around economy and pleasing operation because an exacting system of inspection holds quality to a uniformly high standard. Illustrations on this page picture a few steps in this program. In many vital units the Essex has as fine workmanship as any car whatever, because human ingenuity has not discovered any method by which a better standard of work can be accomplished.

Piston pins and main crankcase bearings, for example, are held to an accuracy of 1/10000 of an inch. To comprehend such precision, imagine for yourself a quarter-inch divided into 1000 equal parts. Or, the same thing, imagine a hair split into equal fractions, or a cigarette paper's thickness divided four times. Such watch-like standards are manifestly impossible with human senses. Yet these standards are maintained month after month as a part of the regular day's work in manufacturing Essex automobiles by the thousand. The result is obtained because the Hudson plant—in which Essex is built—utilizes in its inspection system the latest and most sensitive instruments known to the scientific-industrial world—devices which detect the most minute inaccuracies. In hundreds of parts an error of one-thousandth means rejection. Workmen are paid only for results which meet these inspection requirements.

Essex has been designed so that these many inspections do not necessitate inordinate costs. Modern automatic machinery is used which can work to this high standard of accuracy, and moreover can continue to do it indefinitely without incurring fatigue or miscalculation.

The object of this great care is to assure parts which fit so precisely that they may move or revolve on each other with no appreciable friction. This not only conserves power, but makes for long wear, and brings about the smooth running satisfaction which all Essex owners know so well. Thus a combination of careful design, which takes advantage of the best modern facilities, and a full equipment of scientific inspection instruments works out to give Essex owners a car of remarkable quality at a most unusually favorable price.
The Essex Six is built by the Hudson Motor Car Co., under the famous and exclusive Hudson Super-Six patents, in the same plant and by the same workmen as the Hudson Super-Six. It embodies the principles of design and building which the Hudson organization has learned in more than 15 years of successful manufacture.

In its operation, the Essex yields a comfort and ease of riding previously unknown in its price field. To economy and reliability it adds easy control, smoothness and quick pick-up.

Brief Detailed Information on the New Essex


Transmission—Unit with engine. 3-speed and reverse, aluminum case. Hyatt bearings on main shaft. Neutral lock. Spicer universal joints and tubular propeller shaft.

Rear Axle—Semi-floating, Timken bearings throughout, fully adjustable, 1 1/4 x 1 1/4 brakes.


Steering—Worm and full worm wheel—17 inches, with wood wheel with aluminum spider.

Gasoline Tank—Located at rear of car. Vacuum feed.

Chassis Lubrication—Hudson patented oils.

Bodies—5-Passenger Touring, 3-Passenger Coach.

Note—The Hudson Motor Car Company reserves the right to make changes or improvements at any time without incurring any obligation to install same on any car previously sold.