

# **Automotive Stamped Components Market (By Material Type – Traditional Steel, Hot-Formed Steel, Aluminium, Magnesium, Composite Materials. By Vehicle – Passenger Cars, Commercial Vehicles. By Type – Body In White (BIW), Chassis) – Global Industry Analysis, Size, Share, Growth, Trends and Forecast, 2016 – 2025**

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## **Abstracts**

Automotive stamping or pressing is the procedure where a flat metal sheet is placed into a stamping press to form the metal into its desired shape. This stamping process is adopted in many manufacturing fields that helps in performing of hardened surfaces such as plastic components and sheet metal. Several operations such as bending, embossing, blanking, coining, drawing, curling, ironing, hemming and others can be done with the aid of stamping machine. Automotive stamping components market has been growing steadily throughout the forecast period. In automotive industry the stamping process is the bedrock of all building process as most of the components needed to build up a vehicle is originated by the stamping process. Moreover, the rise in demand for automobiles has increased in the past couple of years which in turn leads to an increasing demand of the stamping process in the automotive sector. Further down, the rise in use of stamping machines has credited the growth of automotive stamped parts and hence it is assumed to grow at a very fast rate during the forecast period of 2016-2025.

Automotive stamping components offer wide range of benefits in the automotive sector. These benefits may include lower wastage of material, the process is much faster than any other operation, has very high accuracy and the process is much more versatile and flexible which results to lower the cost of manufacturing. In an automotive industry,

copper stamping is the most common of process as copper has good ductility and corrosion resistance properties. the use of copper stamping process is done to manufacture engine radiators and other fuel components. Further down stainless steel stamping is also done by automobile manufacturers as they are used to construct tubing systems, brackets and sensors. Thus automotive stamped components are likely expected to boost the market growth during the forecast period.

The automotive stamped components market in report is segmented by type which is further categorized into two different parts such as BIW (Body in White) and Chassis. Further down, the report has been further segmented by material type which includes traditional steel, hot-formed steel, aluminium, magnesium, and composite materials. Additionally, the report has also been segmented by vehicle type which includes passenger cars and commercial vehicles. The global automotive stamped components market has been moreover segmented geographically into North America, Europe, Asia-Pacific, and rest of the world.

Automotive stamped components system is a new kind of technology which is expected to grow at a high rate with the increase in production of automobiles across the globe. This process leads to lower labour requirements due to involvement of automation process with the aid of computers. Additionally, this process leads to lower material wastage and the production cost is very low. This stamping process can replace other metal working activities such as die casting and forging. Hence, the rise in demand in the manufacturing network, stamping technology can increase the demand for automotive stamped components market.

Some of the major players in the automotive stamped components market are include Gestamp, Orchid International, Santec Group, Schuler Group, Hyundai Rotem, Eagle Press & Equipment Co. Ltd, AIDA Global among others.

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