

Structural components by JHI

Jaya Hind Industries has come to be known as an end-to-end solutions' provider for aluminium castings among leading domestic and global OEMs. The company has now forayed into the manufacture of structural components for automobiles. In a technical agreement with a leading European company, the company will produce complex aluminium structural parts. The company is known to have concluded the development and manufacture of its first structural part for an auto OEM's forthcoming model

using the high-pressure die-cast route. Implemented in single-stage manufacturing, with higher dimensional accuracy, without any additional processes like machining, primer application or topcoat paint application, the part is said to go directly to the final assembly line. Averred Prasan Firodia, Managing Director Jaya Hind Industries, "Though automobile manufacturers abroad are regularly using aluminium structural parts, in India, this is being done for the first time. I am sure it will open up for Jaya Hind

Industries, a whole new avenue of opportunities given the severe pressure on OEMs to lightweight the vehicles". Despite the use of aluminium across the board including engine components like engine blocks, cylinder heads, clutch housing and transmission components, the adoption of aluminium for structural parts has not been rampant especially due to non-availability of component makers who had the capability to do concurrent engineering with OEMs and develop such complex structural parts.