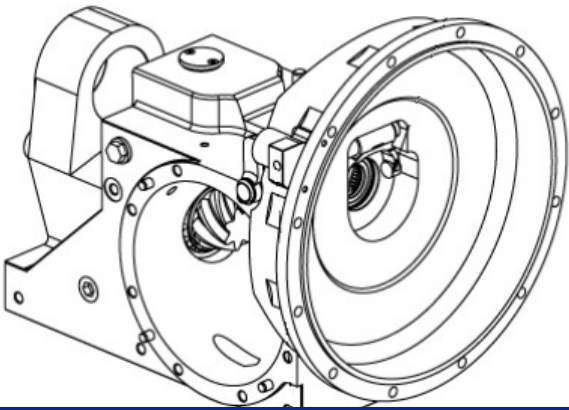
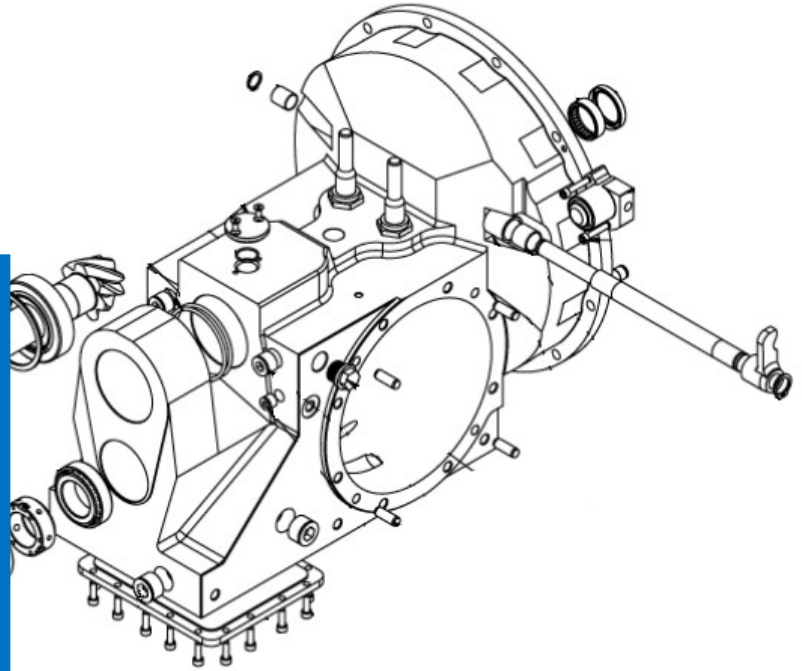


"High stresses on critical components can put your equipment out of action making you to loose time and money."



Reverse Engineering

www.weservices.com.au



At WES we reverse engineer critical components. Our procedure begins with the placement of the real component in an absolute measuring arm to calculate critical interfaces, e.g. bearing journals, mating faces and centre distances.

By then a contour scan is performed to generate a matrix, which we import into our CAD software. As a result a 3D model becomes available and serves fundamentally for our analyses.

Either a stress analysis can be carried out or a specific analysis for product improvements and modifications. For the latter WES runs frequent projects to enhance components, which failed in the field. Our qualified engineers are comprehensive knowledgeable in mechanical, electrical, mechatronic and structural to design the process.

Additionally, WES provides detailed workshop drawings for manufacturing processes for both fabrication and machining. 3D models are created to streamline fabrication processes in order to facilitate the data transfer into a CAD Cam software.

