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In mechanical engineering, the term reverse engineering (often abbreviated to RE) is used to summarise the process of reconstructing an existing object. When designing an object from scratch, an engineer will draw up a design specification and produce drawings from which the item is constructed. Conversely, with reverse engineering, the design engineer starts with the final product and works through the design process in the opposite direction to arrive at the product design specification.

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There are many ways in which reverse engineering and 3D laser scanning can help your business. It is the most efficient way to create a CAD model from a physical object of any kind and reverse engineering has a whole range of applications suitable for countless industries. 3D scanning to reverse engineer an object is infinitely easier and more accurate than the use of traditional measurement ...

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Reverse engineering is a powerful way to create digital designs from a physical part, and can be a valuable tool in your prototyping toolkit alongside technologies like 3D scanning and 3D printing. 3D scanners measure complex objects very quickly, and can speed up your design workflow tremendously when real-life references are involved.

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Reverse Engineering. Traditionally, many industries use scanned 3D data as part of their design processes. In the past, this has required a time-consuming, and sometimes complicated process. Irregular shapes, in particular, required extensive reverse engineering so that they could be used for 3D printing, mold design, analysis, or other uses.

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