PAINT PEEL OFF- A NUISANCE IN AUTOMOTIVE PROPELLER SHAFT ASSEMBLY

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\section*{ABSTRACT}

Manufacturing an automotive propeller shaft is really a challenging process. The propeller shaft consists of many sub components known as sub-assemblies. The sub components like Stub yoke, Flange Yoke, Sleeve Yoke, Tube, Split Spline Shaft, Mid Slip Shaft, Bearing Cup, Cross etc. As the propeller shaft is located beneath the Automobile, a little attention is given towards its aesthetic appearance. The propeller shaft is coated and painted with paint and phosphate, which is mostly carried out in the paint booth \cite{3}. The main reason is to reduce the warranty issues and enhance the life of it and also to avoid premature failure during when the propeller shaft is in operation.

\textbf{KEYWORDS:} Paint Peel Off, Propeller Shaft Assembly & Paint Booth Issues

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