

Automotive

VIDEO: OSG Solutions for Electric Vehicles — Bi-Metal Drilling

Brought To You by OSG | Sep 06, 2022

In this video, OSG discusses bi-metal drilling, an application that requires you to drill one hole simultaneously on top of two different materials. A possible area where this type of application can be found is on the transaxle component of the vehicle. A transaxle is a single mechanical device which combines the functions of an automobile's transmission, axle, and differential into one integrated assembly.

As previously mentioned, bi-metal drilling applications can possibly stem from the transaxle and other similar areas of the vehicle, also referred to as e-axle or housing. Materials for this application can be a combination of steel, usually an alloy steel, and an aluminum.

OSG offers solutions to common challenges of drilling on top of two different materials at the same time with its ADFO flat bottom drill. With four margins versus the standard two-margin drill design, the ADFO features unique double-margin geometry which helps to maintain the drill running true to center.

Watch the short video above to learn more.

Previously Featured on OSG's YouTube channel.

www.mscdirect.com/betterMRO

Copyright ©2025 MSC Industrial Supply Co.