

ROUSH®

ACCESSORY NVH ENGINEERING

Roush has developed component level bench tests to characterize the noise and vibration of automotive accessory components. Our engineering staff's diverse background allows us to develop innovative solutions without compromising performance. We support product development from the initial design stage through production.

www.roush.com

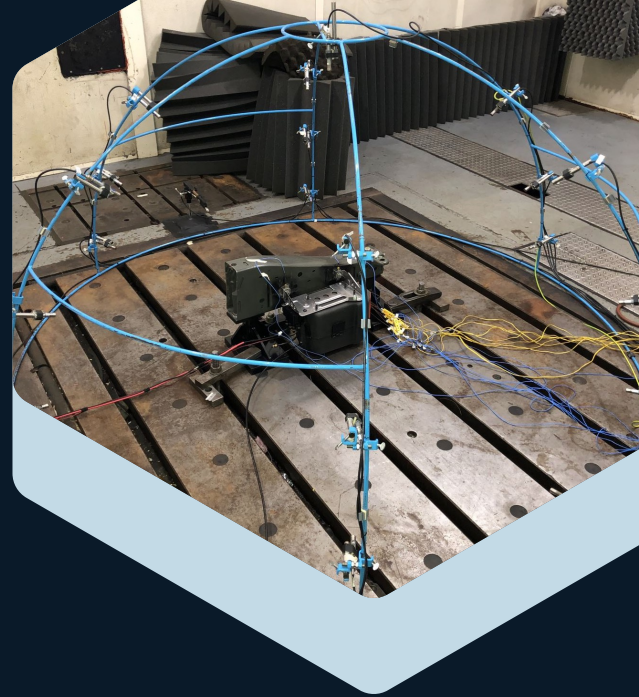
We're focused, we're efficient, and we're at our best when we're challenged to think outside the box — critical traits when our customers' success depends on how quickly we can take their visions from the sketchpad to the marketplace.

For more information, please [click here](#).



ACCESSORIES TESTED FOR THE FOLLOWING PURPOSES:

- Developing improved designs
- Root cause NVH investigation
- Benchmarking various models
- Structural and acoustic analysis
- Component validation and certification testing
- Target setting



COMPONENT TEST CELL FEATURES:

- Located in a hemi-anechoic room
- Fully enclosed 50 HP electric motor with a silent driveline
- Loaded components can be either shaft-driven or belt-driven
- Components loaded with representative electrical, fluid, or pressure loads
- Signals are acquired with Siemens LMS Data Acquisition System
- Customized data acquisition and analysis can be performed per customer request