



NVH & DATA COLLECTION

Description

CSA Group's engineers have applied measurement analysis techniques to a wide range of products, ranging from component level all the way up to full vehicle and beyond. With over 20 years NVH experience on commercial, off-highway, passcar and general vehicle based work, CSA Group understands the dynamics behind vehicle NVH testing & development. Our personnel can support your NVH requirements at our facility in Leyland, through one of our satellite offices (over 37 globally) or at your international facilities.

Typical Applications

- Squeak and rattle
- External noise (UN ECE R51 & RDW Technical Service)
- Vehicle NVH data collection / analysis (On-road / VSAC)
- Data collection (microphone / vibration / strain / temp / displacement / pressure)
- Engine NVH testing
- General NVH development & problem solving
- Modal testing
- Sound power measurements (ISO 3744)

Equipment & Facilities

- VSAC
- Small semi anechoic chamber
- LMS Test.Lab software & Scadas hardware (up to 80 Channels)
- ICP & Charge accelerometers (Inc. high temp)
- ICP microphones
- Impact hammers
- Modal shakers
- Access to / experience with acoustic cameras
- Access to / experience with laser vibrometers
- Binaural head (Coming soon!!)