

## Road Load Data Collection and Correlation Vehicle

Millbrook offers a fully instrumented vehicle for road load data collection and proving ground correlation. The set-up of instrumentation in the vehicle can be replicated on customer vehicles for data collection on development or benchmark products.

### The vehicle:

- 2017 VW Tiguan 2.0 TSI SEL DSG 4wd
- Left Hand Drive, UK road-registered
- Factory accessories include
  - tow bar
  - roof box
  - cycle carrier
- Advanced driver assistance systems include
  - AEB
  - ACC
- Off-road package

### Fitted with the latest HBM SomatXR data acquisition system:

- Over 60 channels permanently installed
- Key channels for structural and powertrain tests
- DC accelerometers in key locations for road load data

- HBM strain gauges on key suspension components
- Torque measurement on driveshafts and propshaft
- Wheels and brackets available for wireless wheel force transducers
- Additional channels can be added on request

### Available for:

- Proving ground correlation
- Public road correlation
- Benchmarking
- Data collection in any location on most on- and off-highway surfaces
- Tyre measurement and modelling
- Vehicle dynamics testing



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