

## **NOISE TESTING INFORMATION**

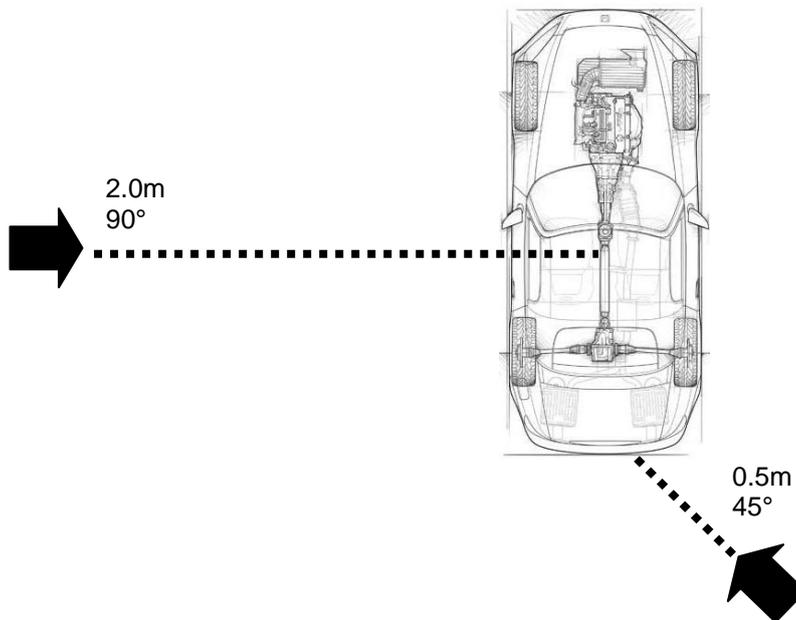
Only those MSV personnel who are appointed and trained as Noise Testers are permitted to carry out noise checks.

Noise meters must be fitted into their specific cradle when in use. This will help maintain accuracy in terms of both the 0.5m distance and the 45° angle.

Noise meters must be calibrated at least once a week and records must be kept of the calibration dates and results. If a meter fails to calibrate accurately it must not be used.

## **CARS**

### **Static Noise Testing of Cars**



All measurements will be taken at a distance of 0.5m from the end of the exhaust pipe with the microphone at exhaust outlet level at an angle of 45°.

The noise meter should be between 0.5m and 1.0m from the ground.

Measurements should be taken in open space, at least 3.0m from large objects and in an environment remote from other noise sources. Background noise must be a minimum of 10 decibels below the expected reading.

The noise limits for **car test days** are as follows:

- **Saloon and Sports Cars** - **105dB(A) Static to MSA Regulations**
- **Single Seater & Sports Racing Cars** - **108dB(A) Static to MSA Regulations**

