

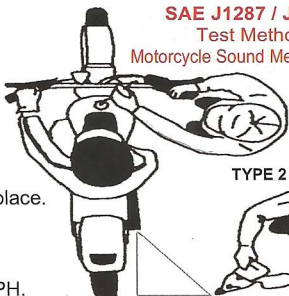
Vehicle Sound Testing

Stationary Motorcycle & ATV Sound Measurement Procedure SAE J1287 J2825

- 1) Verify vehicle model identification.
- 2) Verify test RPM—1/2 Low Redline speed.
See MIC Book or www.DPSTechnical.com.
- 3) Check sound meter—ANSI Type.
Type 1 = Law Enforcement,
Type 2 = Awareness
* Confirm calibration
- 4) Select meter settings—"A" weighted scale
Slow response, Microphone windscreen in place.
- 5) Check RPM instrument function.
- 6) Select test site—15' clearance=ideal.
- 7) Confirm ambient conditions, free of other noise sources <10dB. * Wind speed <20 MPH.
- 8) Perform Test.
- 9) Confirm Test.
- 10) Indicate reading - note pass/fail target.

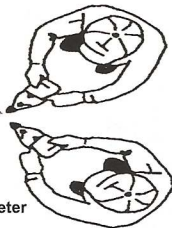
Follow published test procedures!

SAE J1287 / J2825 Test Method Motorcycle Sound Measurement

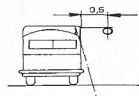
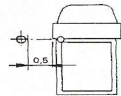
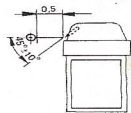
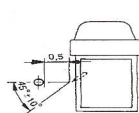
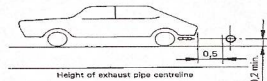
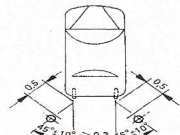
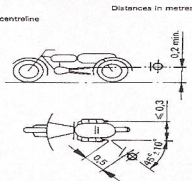
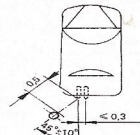
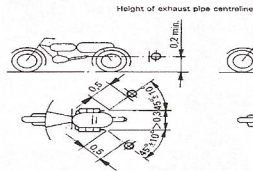
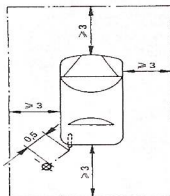
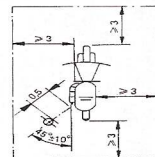


TYPE 2 Sound Meter

Microphone location:
20" (.5m) @ 45°



TYPE 1 Sound Meter



Exhaust pipe to top

Stationary vehicle sound test methods:
Off Road Motorcycles / ATVs - SAE J1287
Street Motorcycles - SAE J2825
Cars / Trucks / Sand Rails - SAE J1169, J1492

**Review appropriate sound test methods
prior to measuring vehicles!**

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www.DPSTechnical.com www.MotorcycleNoise.com

Education • Equipment • Field Services • Sound Training

