Vehicle Noise Rules

Tiffany Lester, WSP





Vehicle moise rule!



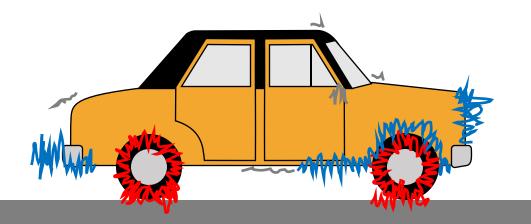
disclaimer

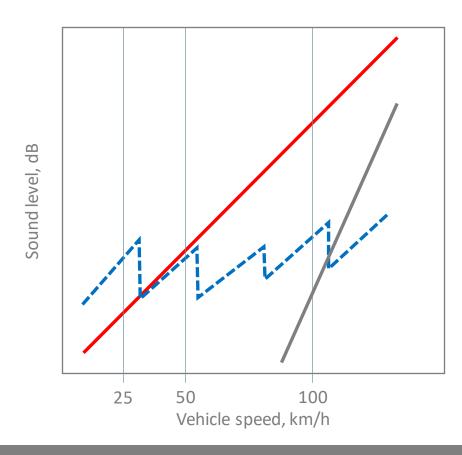
bubble

Vehicle Noise Rules

Vehicle noise, very briefly

- Powertrain noise including exhaust noise
- Tyre-road noise
- Aerodynamic noise
- Stereos, horns, burnouts...





Drive-by noise

- Powertrain noise including exhaust noise
- Tyre-road noise
- Aerodynamic noise



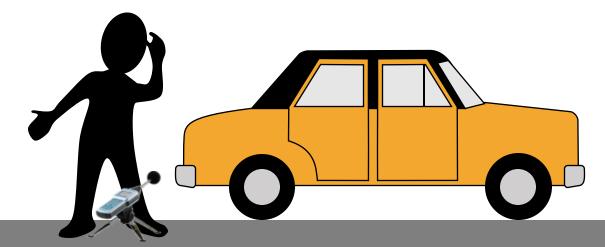
Drive-by noise

- Powertrain noise including exhaust noise
- Tyre-road noise
- Aerodynamic noise



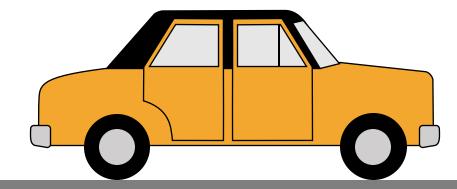
Vehicle Equipment Rule

- Drive-by noise limits for vehicles entering the fleet
- Exhaust noise limits for vehicles operating in the fleet
 - Subjective noise test
 - Objective noise test



Vehicle Equipment Rule

- Drive-by noise limits for vehicles entering the fleet
- Exhaust noise limits for vehicles operating in the fleet
- Noise limits set high, to target only the noisiest vehicles

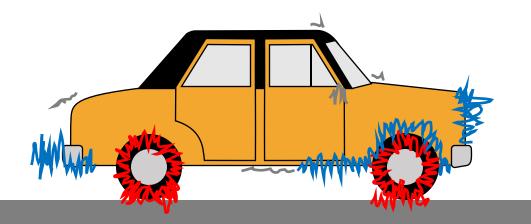


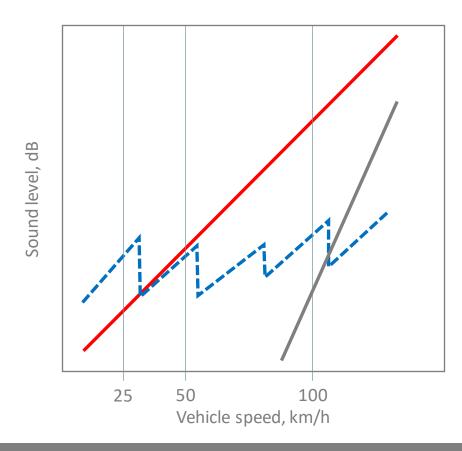
United Nations vehicle noise emission regulations

- Drive-by noise limits for vehicle types entering production
- Target all vehicles over time, for improvement of the road-traffic noise environment

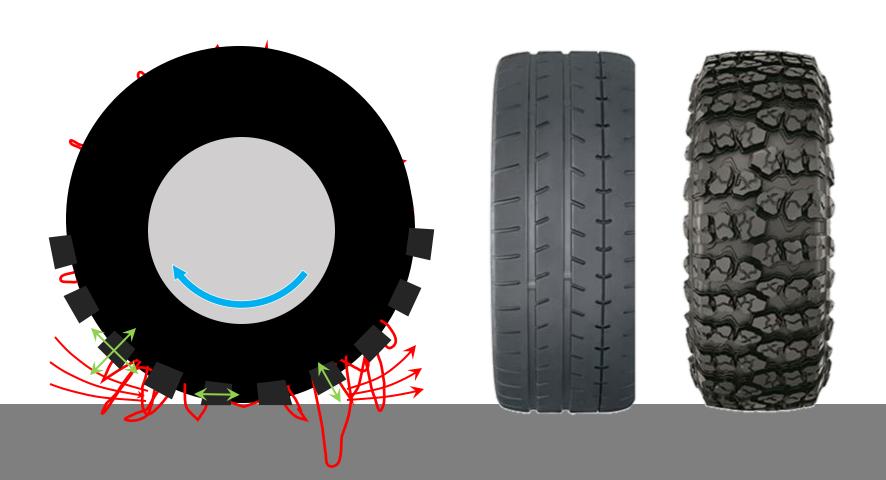
Vehicle noise

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Road-tyre noise

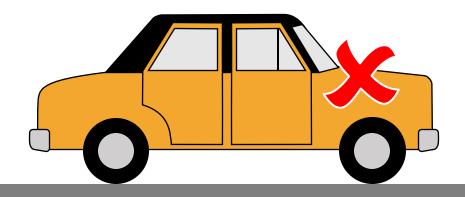


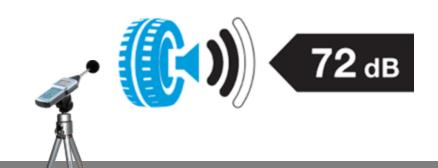
Coast-by noise





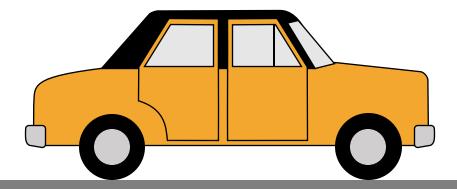
Coast-by noise





Vehicle noise

- Powertrain noise including exhaust noise
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Road User Rule

7.4 Noise

- (1) A driver must not operate a vehicle that creates noise that, having regard to all the circumstances, is excessive.
- (2) A person must not create by any means (for example, a car stereo) within or on a vehicle any noise that, having regard to all the circumstances, is excessive.
- (3) In determining whether any noise is excessive, regard may be had, in addition to all other relevant matters, to—

Chile

- (a) the manner of operation of the vehicle:
- (b) the condition of the vehicle:
- (c) the time of the day when the noise is created:
- (d) the locality where the noise is created:
- (e) the likelihood of annoyance to any person:
- (f) any relevant standard or specification that applies under the Act.

Compression release braking noise = Engine braking noise

PLEASE NO
ENGINE BRAKES
NEXT 4 km

Land Transport Act

Bylaws can be made to prohibit engine braking in an area where the speed limit is 70 km/h or less

Road User Rule

Noise from a vehicle must not be excessive, having regard to all circumstances



Specialist mufflers

Vehicle Noise Rules

Vehicle Equipment Rule

- Drive-by noise limits for vehicles entering the fleet
- Exhaust noise limits for vehicles operating in the fleet

Road User Rule

Noise from a vehicle must not be excessive, having regard to all the circumstances

Land Transport Act

• Bylaws can be made to prohibit engine braking in nominated areas