

ECE No. 41.03: Noise (Motorcycle)

Technical requirement

The 61th Asia Expert meeting
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JAPAN AUTOMOBILE STANDARDS INTERNATIONALIZATION CENTER



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1. The main purpose of this regulation

To limit the volume of the noise made by Motor cycle.

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2. Requirement

(1) Motorcycles and Tricycles

	L1	L2	L3	L4	L5
No. of wheels	2	3	2	3 Asymmetrical	3 Symmetrical
Seating capacity	N.A.				
Vehicle mass	N.A.				
Eng. displacement	≤50cm³		≥50cm³		
Type of body	N.A.				
Other criteria	Max.speed≤50kmh		Max.speed>50kmh		
Applied noise regulation	R63	R9	R41-03	R9	

The **CLASSIFICATION OF VEHICLES** is specified by the Annex 4.



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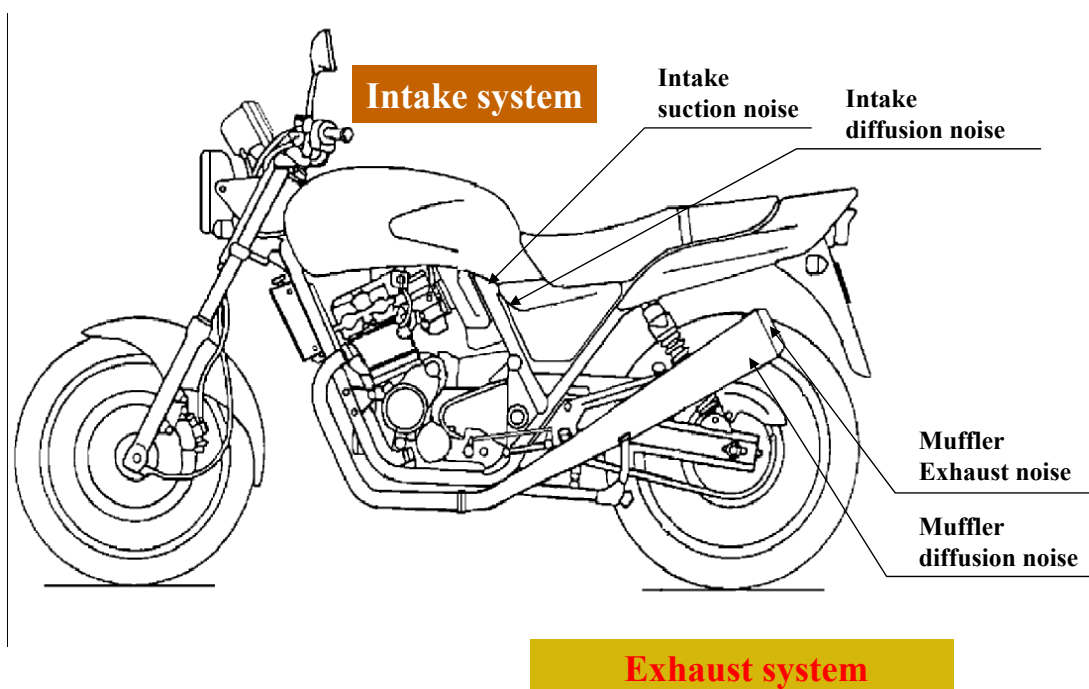
2. Requirement Summary

Series	R41	R41-01	R41-02	R41-03
Date of entry into force	Jun 1, 1980	July 24, 1984	Apr. 1, 1994	Feb 5 2000
Limit value	86 ($<500\text{cc}$) 85 ($350 \leq 500\text{cc}$) 83 ($175 \leq 350\text{cc}$)	83 ($<175\text{cc}$) 80 ($80 \leq 175\text{cc}$) 77 (≤ 80)	80 ($<175\text{cc}$) 77 ($80 \leq 175\text{cc}$) 75 (≤ 80)	80 ($<175\text{cc}$) 77 ($80 \leq 175\text{cc}$) 75 (≤ 80)
Updated contents • ; Modified + ; Added	80 ($80 \leq 175\text{cc}$) 78 (≤ 80)	+ Over-run(*) provision + Transitional provisions • Classification • Gear choice • Approach speed	+ Durability requirement for silencer using fibrous materials + Providing stationary noise information on vehicle • Engine speed of stationary noise test	+ ISO road surface + Back ground noise coefficient + “E” Marking on silencing systems • Value calculation • Over-run provision

(*)Over-run means the engine speed at the exit of acceleration area exceeding defined value.

3. Scope for Motorcycle

Noise reduction system of motorcycle



Thank you!