

***Japan's proposal on the power  
determination method for combustion  
engines or electric drive trains intended  
for the propulsion of two wheeler***

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# **Proposal for establishment or amendment of the UN regulation (or establishment of the GTR) on the power determination method for combustion engines or electric drive trains intended for the propulsion of two wheeler**

## **1. Background**

- With electrical two wheeler implementation to the market, the need to compare the power of electrical propulsion unit with ICE is increasing from the legislative point of view as well.
- In the several UN Regulations, i.e. lighting, noise, etc., Motor-Power is used for classification.
- While there is internationally harmonized power measurement method for four-wheeler (UNR85), there is not for two wheeler.

## **2. Proposal**

### **1) Basic idea**

To develop regulation based on the UNR85 with modification comparing the existing power determination methods for two-wheelers of the contracting parties with the UNR85

### **2) Approach**

- Expanding the scope of UNR85 to two-wheeler  
or
- New UNR (based on UNR85) or New GTR (based on UNR85 contents)

### **3) Timeline**

- No deadline but as soon as possible taking into account of the introduction of the two-wheel EV
- Prioritizing in L1~L5 category could be considered