

R94 AMENDEMENT BENEFITS APPROACH

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1. Possible benefits (passive safety approach)

- 2. Parameters that influenced accidents data
- 3. Methodology to improve the current situation

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PARAMETERS THAT INFLUENCED FRONT FORCE DEFORMATION



POSSIBLE IMPROVEMENTS





METHODOLOGIE: CURRENT SITUATION



FUTURE SITUATION WITH R94 AMENDEMENT INTRODUCTION

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⇒ Accident analysis focused on self and partner is required

⇒ Vehicles are designed with inhomogeneous front end force to meet current R94.

⇒ Inhomogeneous front end force are responsible for different severity rates among fleet mass

⇒ Changing front end force vs mass slope will reduce and harmonize severity rates