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# **Enlarged Exterior Rear View Mirrors** **Situation for Sports Cars**

**based on a study conducted by**



**PORSCHE**

## Serious safety problems resulting from enlarged exterior rear view mirrors - from a sports car point of view

A low seating position, a wide track at the rear axle combined with a narrow greenhouse and the capability of high speed driving result in the following sports car specific issues:

- Significantly higher projection of exterior mirrors outside the vehicle contour resulting in higher injury risks for pedestrians and bike riders
- Severe reduction of direct field of vision through drivers side window
- Increase of mirror image distortion from vibration.

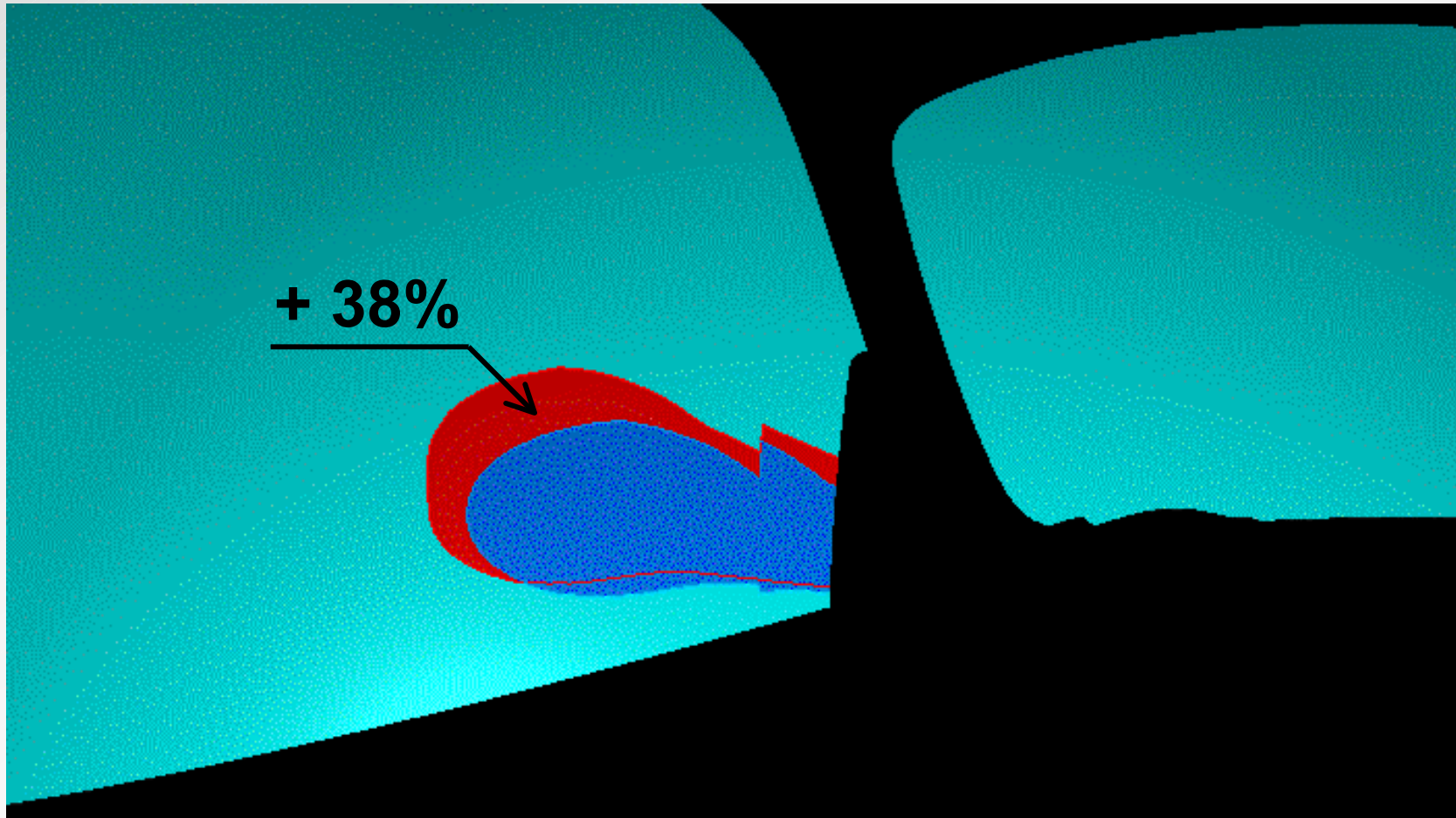
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## Exterior rear view mirror projection (Porsche Carrera)



## Increase of blocked direct field of vision through exterior rear view mirror (Porsche Boxster)



## Conclusion

The TRANS/WP.29/GRSG/2004/10/Rev.1 document submitted by the experts from the Netherlands, Germany, France, the United Kingdom and OICA should be supported in order to avoid future increased safety risks from M1 vehicles due to

- Higher projection of exterior mirrors outside the vehicle contour
- Severe reduction of direct field of vision through drivers side window
- Increase of mirror image distortion.

These safety risks can be avoided without sacrificing any of the requirements regarding the blind spot.