

# Bumper Issue (UN R42)

KATRI

The Republic of Korea

- The current bumper regulation requires a certain level of impact safety performance, but makes exceptions to sensors and radar devices of driver assist systems.
- 6.1.5. “ The vehicle's propulsion, suspension (including tyres), steering and braking systems shall remain in adjustment and shall operate in a normal manner.  
This requirement does not apply to sensors, cameras, radar devices, etc. being part of driver assist systems. They may become damaged, disoriented or broken due to an impact carried out according to Annex 3 as long as the basic braking and steering performance are still intact.”

- The exceptions are valid for autonomous driving systems?
- Circumstance
  - Autonomous driving systems are under development, about to be launched, or introduced in the market
  - For a while, autonomous vehicles and non-autonomous vehicles will share roads together
- **Proposal/Suggestion**
  - GRSP needs to discuss the level of impact safety performance of bumper systems with autonomous driving systems for clear guideline to industry ASAP (possibly as a discussion item for AVs)



**고맙습니다.**  
**Thank you for your attention.**