



Future of „power determination and approval“ in the 58 Agreement

Request for a half-day workshop in May 2024
(GRPE 91)



Future of „power determination and approval“ in the 58 Agreement

- OICA has raised concerns in several sessions of GRPE regarding this issue
- The EU has adopted the first legal act for EU7 which includes requirements for "power determination"
 - It is the stated intention of the EC to integrate GTR 21 (Determination of Electrified vehicle power) into EU7 for light duty vehicles.
- OICA would like to propose an open workshop for GRPE members to discuss a number of issues:



Examples of discussion points

- R-85 (LD & HD) covers PEVs with a single electric motor and HEVs whereby GTR-21 (LD only) covers PEVs with multiple electric motors and HEVs
- R-85 (LD & HD) determines a power curve for ICEs whereby GTR-21 (LD only) determines a peak power
- The scopes of R-85 and GTR-21 have technical differences beyond the vehicle categories covered.
- Vehicles with power restrictions under certain conditions and with “power on demand” are coming to the market.



Alternative for future Regulation(s)

- Based on the assumption that the requirements of GTR-21 (Light Duty Vehicles) should be integrated into a UN-R, there are 3 alternatives:
 - Retain R-85 and create a new UN-R for LDV system power
 - Integrate the requirements of GTR-21 into R-85
 - Create a new UN-R to cover all „power approval“
- OICA believes that GRPE should take the time to discuss these points in an open manner and is prepared to coordinate a workshop to do so.