



NEW RULES ON VEHICLE SAFETY AND AUTOMATED MOBILITY

6 JULY 2022

Thanks to the EU General Safety Regulation, all vehicles in the EU will now have to be equipped with a series of new safety features to assist the driver and help better protect passengers, pedestrians and cyclists across the EU. The rules also establish the first legal framework to allow automated and fully driverless cars to become available on European roads, making the EU a leader in the field.

NEW SAFETY FEATURES IN YOUR CAR



FOR ALL ROAD VEHICLES

New safety features required in vehicles **FROM 6 JULY 2022:**

- Intelligent speed assistance
- Reversing detection with camera or sensors
- Attention warning in case of driver drowsiness
- Emergency stop signal
- Cybersecurity measures

Further measures to be progressively introduced between **JULY 2024 TO JULY 2029:**

- Advanced driver distraction warning
- Safe and longer lasting tyre performance



FOR CARS AND VANS

- Lane keeping assistance
- Advanced emergency braking
- Event data recorders

- Safety glass



FOR BUSES AND TRUCKS

- Detection and warnings to prevent collisions with pedestrians or cyclists
- Tyre pressure monitoring systems.

- Improved direct vision to better see cyclists and pedestrians
- Event data recorders

PAVING THE WAY FOR AUTOMATED VEHICLES

The General Safety Regulation sets a legal framework to have autonomous and driverless cars in the EU. The Commission will adopt by the summer a series of technical rules to ensure that such vehicles are safe and technology mature enough before they are placed on the market.

AUTOMATED VEHICLES



KEY CHARACTERISTICS:

- Driver present
- Automated driving mode limited to motorways up to 60 km/h, up to 130km/h from January 2023
- No limitation to size of vehicle series
- Cybersecurity measures

FULLY DRIVERLESS VEHICLES



KEY CHARACTERISTICS:

- No driver present
- Automated driving permitted in defined areas
- Limit on size of vehicle series to max.1500 vehicles per model per year
Review of limit by July 2024
- To be allowed from September 2022

WHAT THE TECHNICAL RULES WILL REGULATE:

- Maturity of technology
 - Data recording
- Cybersecurity measures

- Capability to handle automated driving on motorways (lane keeping and lane change)
- Monitoring safety in the field
- Interaction with driver

- Capability to handle automated driving in defined areas
- Advanced safety monitoring in the field
- Interaction with passengers and road users
- Remote intervention operator
- New vehicle design possibility (no driver seat)