# Relation between Vehicle Type Approval System and UN Regulation - Vehicle Type Approval System in Japan -

International Affairs Office

Vehicle Regulation and International Affairs Division Logistics and Road Transport Bureau, MLIT



## Enhancing automobile safety and environment



 MLIT promotes integrated safety and environmental measures from vehicle development to measures for new vehicles and vehicles in use as part of its automotive technology administration.

# Framework for Safety and Environmental Measures - from vehicle development to end of life -

Promote vehicle development and commercialization

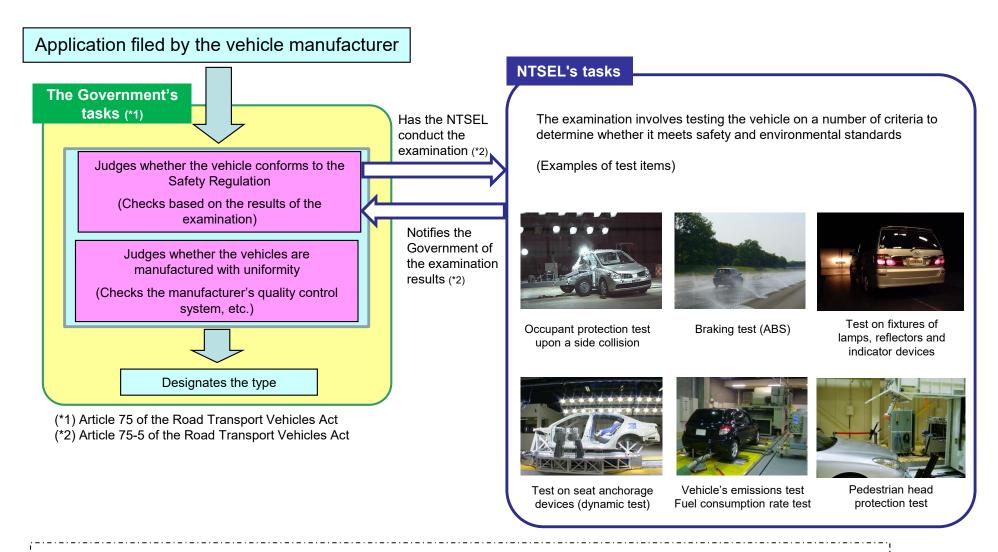
Measures for new vehicles

Measures for vehicles in use

Promote vehicle development and commercialization	Safety Standards Environmental Standards	Type Approval	NCAP	Check/ Maintenance	Inspection	Recall
Promote vehicle development and practical application of advanced technology	<ul> <li>Strengthen and expand the safety and environmental standards</li> <li>Promoting harmonization of international standards</li> </ul>	Confirmation of conformity of production procedure	<ul><li>Safety evaluation</li><li>Provide information to users</li></ul>	Ensure safety performance when using vehicles	Confirmation of conformity of standards for in-use vehicles	Market recall of defective vehicles resulting from design and manufacturing

### Flowchart of Vehicle Type Designation



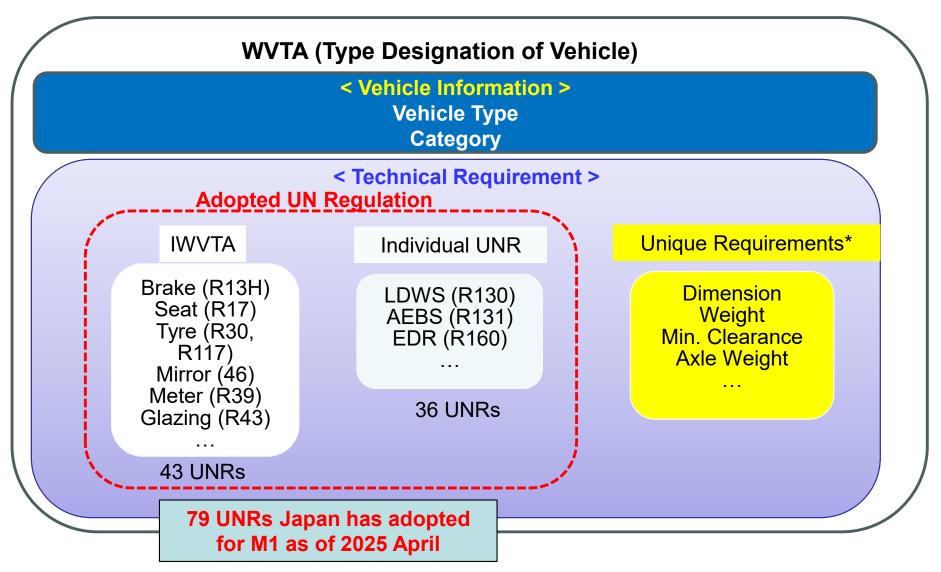


What is the type designation system?

When a vehicle manufacturer produces or sells a vehicle, they must apply to the Minister of Land, Infrastructure, Transport and Tourism in advance and undergo inspections that examine whether the vehicle conforms to the Safety Regulation and the manufacturer ensures proper quality control (uniformity).

Type-designated vehicles are exempt from presenting the actual vehicle at the time of inspection for new car registration.

## Positioning of UN Regulation in the VTA System in Japan



Unique requirements: Technical requirements not covered by UN regulations.

# Advantages of Harmonization of Vehicle Regulations

- O The harmonization of automotive standards and the Reciprocal recognition of type approvals will enable the global deployment of vehicles with high levels of safety and environmental performance
- O In addition to reducing administrative costs, it allows the industry to cut development, certification, and production expenses by adopting unified design specifications and common parts, establish globally adaptable supply chains, and ultimately concentrate more on advancing safety and environmental technologies.
- O The widespread adoption of vehicles with superior safety and environmental performance, along with cost reductions that lead to lower vehicle prices, also brings significant benefits to automobile users.

#### user

ODissemination of vehicles with superior safety and environmental performance OReasonable car prices

#### manufacturer

OStandardization of design specifications and parts
OGreater focus on developing safety and environmental technologies

Harmonization of Vehicle Regulations

#### government

OStreamlining the process of standards development
OStreamlining the review process



## Thank you for your attention!