International Whole Vehicle Type Approval

Definition of vehicle type
(outcome of IWG on IWVTA; June 2015)
2-10. Definition of a vehicle type for IWVTA

- A **vehicle type** can contain all variants regardless of their level of conformity → it corresponds to what we are used to
- Within a vehicle type every single **IWVTA type** defines one level of conformity
- 1 IWVTA approval always covers 1 IWVTA type
- Manufacturer identifies the IWVTA types within a vehicle type by a unique type designation
- Vehicles within one vehicle type get approval numbers that are related (see next slide)
- Approvals for all IWVTA types within 1 vehicle type shall be handled by the same approval authority

**Vehicle type Beetle**

**IWVTA type 1:** “Beetle with ESC”

**IWVTA type 2:** “Beetle without ESC”
2-11. Modified Approval Number for IWVTA

E4*0R00/U*0004/01*02

Section 1: # of CP

Section 2: Regulation #, # of series of amendments /letter U for universal, L for limited

Section 3: sequential number of the approval

Section 4: Number of the extension

Explanation of changes:

• The letters U or L are included in section 2 after the number of the series of amendments

• A 6-digit number for Section 3 is proposed which is construed as follows:
  • First 4 digits identify the vehicle type: a new sequential number is assigned by the approval authority once the manufacturer applies for the first approval of a new vehicle type
  • / followed by 2 last digits which sequentially number the different type approvals within a vehicle type starting with 01. They correspond to different IWVTA types
2-12. Example how to deal with extension of an IWVTA

**Before**
- vehicle type covered by U-IWVTA

**What happens**
- New requirements enter into force
- Manufacturer performs technical changes in order to meet new requirements (involves no change in vehicle type characteristics) but only for part of the vehicles

**What to do**
- Extend existing U-IWVTA, here Sections 1-3 of the approval number and marking remain unchanged
- Create a new L-IWVTA under a new type designation

**U-IWVTA**
- E4*0R01/U*0021/01*01
- E4*0R01/U*0021/01*02

**New requirement: pole impact**
- Covers vehicles complying to pole impact
- Covers vehicles not complying to pole impact