

**Request for change
IVI - Initial Vehicle Information
Version 1.8.1**

Date : 29th January 2023

Version:1.0

Status: Final

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1. Version history

Date	Version	Status	Comments
27-01-2023	1.0	Final	Change unit for fields for PermissibleFrontalArea and Min/Max. Enumeration VersionNumberXSD 1.8.1

2. Correction PermissibleFrontalArea fields

After consultation with some manufacturers, the fields as mentioned below have to be corrected. As the unit will change to cm² also the format will be changed. These fields have been newly added to IVI 1.8 version and will be corrected in version 1.8.1. This will not be backwards compatible anymore so if these fields are relevant for the vehicle category and the CoC only version 1.8.1 can be used.

The already published 1.8.1 versions with only changes in description of fields have been replaced by this most recent 1.8.1 versions of the documents.

Field	PermissibleFrontalArea
XSD Grouping	Body, CocDataGroup, AllowedParamValMultistageGroup
Format	NUM 6
XML Format	NonNegativeInteger
Unit	cm ²
Description	Permissible frontal area, stated by the base vehicle manufacturer, in case of multistage vehicles.
	2020/683 : 0.2.2.1.

Field	MinimumPermissibleFrontalArea
XSD Grouping	Body, CocDataGroup, AllowedParamValMultistageGroup
Format	NUM 6
XML Format	NonNegativeInteger
Unit	cm ²
Description	Minimum permissible frontal area, stated by the base vehicle manufacturer, in case of multistage vehicles.
	2020/683 : 0.2.2.1.

Field	MaximumPermissibleFrontalArea
XSD Grouping	Body, CocDataGroup, AllowedParamValMultistageGroup
Format	NUM 6
XML Format	NonNegativeInteger
Unit	cm ²
Description	Maximum permissible frontal area, stated by the base vehicle manufacturer, in case of multistage vehicles.

2020/683 : 0.2.2.1.

Field	VersionNumberXSD
XSD Grouping	Body, CocDataGroup
Enumeratie	1.8.1

3. Change ICM check VehicleFamilyNumber

Field	Vehicle Family Number
New rule Interpolation family identifier	<p>For M1 and N1 vehicle categories with a type approval the tag FamilyIdentifierCode has to be present for the IP family. It should consist of the following five sections: IP-TA-WMI-yyyy-nnnn</p> <p>FamilyIdentifierCode = IP FamilyIdentifierValue = IP-TA-WMI-yyyy-nnnn</p> <p>Or</p> <p>FamilyIdentifierCode = IP FamilyIdentifierValue = FT-9999999999999999-WMI-x</p> <p>5. GENERAL REQUIREMENTS 5.0. Each of the vehicle families defined in paragraphs 5.6. to 5.9. shall be attributed an unique identifier of the following format:</p> <p style="text-align: center;">FT-TA-WMI-yyyy-nnnn FT-annnnnnnnnnnnn-WMI-x</p> <p>Where:</p> <p>FT is an identifier of the family type:</p> <ul style="list-style-type: none"> — IP = Interpolation family as defined in paragraph 5.6. — RL = Road load family as defined in paragraph 5.7. — RM = Road load matrix family as defined in paragraph 5.8. — PR = Periodically regenerating systems (K) family as defined in paragraph 5.9. — AT = ATCT family as defined in paragraph 2. of Sub-Annex 6a. <p>nnnnnnnnnnnn is a string with a maximum of fifteen characters, restricted to using the characters 0-9, A-Z and the underscore character '_';</p> <p>— TA is the distinguishing number of the authority responsible for the family approval as defined in section 1. of point 1. of Annex VII of Directive (EC) 2007/46</p> <p>— WMI (world manufacturer identifier) is a code that identifies the manufacturer in a unique manner and is defined in ISO 3780:2009. For a single manufacturer several WMI codes may be used.</p> <p>Mandatory for CO2 Monitoring (value VFN).</p>