

OCTOBER 2018
AUTOPASS IP

TECHNICAL VEHICLE INFO CSV FORMAT

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TECHNICAL VEHICLE INFO CSV FORMAT SPECIFICATION

PROJECT NO.

DOCUMENT NO.

VERSION

DATE OF ISSUE

DESCRIPTION

PREPARED

CHECKED

APPROVED

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Revision history

Date	Version	Description	Author
09.10.2018	1.0	Created	Freddy Baardsen
01.11.2018	1.1	Nationality – ISO 3166-1 Alpha 2	Mona Johansen
10.03.2019	1.2	Updated file name format	Marianne Thorsrud

1 Basic CSV format details

CSV files are required to follow these rules in order to be parsed correctly.

- > Character encoding ISO/IEC 8859-1
- > The first line of the CSV file is expected to contain column headers (the column headers are considered a visual guidance only and are not accounted for when parsing the CSV file)
- > Column separator character , (comma)
- > Record separator newline
- > " (double quotation mark) as part of text must be escaped with another " (i.e. resulting in "")
- > Format of filename EPHxxxxxyyyymmddss_zzzzzz_vvvvvv

xxxxxx = Identifier of the sender of the EPH list, originated by an actor (6 characters).

yyyy = year part (4 characters)

mm = month part (2 characters)

dd = day part (2 characters)

ss = Sequence within the day (sequential number of 2 characters increased separately for each file/list per each sender/receiver combination per day beginning with 01).

zzzzzz = Receiver (files to the AutoPASS IP have actorID 000002).

vvvvvv = Version name (example : if latest version in revision history is 1.2, version name will be 000012).

2 Columns

The technical vehicle CSV format contains a fixed number of columns in a defined sequence.

The following columns must be present in the CSV file.

Column	Data type	Required	Description
LicensePlate	String	Required	The license plate number of the vehicle
Nationality	String	Required	Nationality according ISO 3166-1 Alpha 2. NO=Norway, DK=Denmark, SE=Sweden etc.
RegistrationYear	Integer	Optional	The registration year of the vehicle
StatusCode	String	Optional	The status code for the vehicle
GroupCode	String	Optional	The group code for the vehicle, i.e. 101
GroupText	String	Optional	The group text for the vehicle, i.e. PERSONBIL
MakeText	String	Optional	The make of the vehicle, i.e. VOLKSWAGEN
EuroGroupCode	String	Optional	The euro group code of the vehicle, i.e. N1G
TechnicalSubGroup	String	Optional	The technical sub group of the vehicle, i.e. SA
IsEmergencyVehicle	Integer	Optional	Whether the vehicle is an emergency vehicle. 0 = false, 1 = true
Weight	Integer	Optional	The weight of the vehicle
Length	Integer	Optional	The length of the vehicle

FuelCode	String	Optional	The fuel code of the vehicle, i.e. 01
FuelText	String	Optional	The fuel text of the vehicle, i.e. BENSIN
EuroNorm	String	Optional	The euro norm, i.e. 4L
HasParticleFilter	Integer	Optional	Whether the vehicle has particle filter. 0 = false, 1 = true
ParticleEmission	Integer	Optional	The total particle emission of the vehicle. This will be converted to decimals, when read.
NoxEmission	Integer	Optional	The total NO _x emission of the vehicle, this will be converted to decimals, when read
Co2Emission	Integer	Optional	The total CO ₂ emission of the vehicle, this will be converted to decimals, when read
IsHybrid	Integer	Optional	Whether the vehicle is a hybrid, 0 = false, 1 = true
HybridCategory	String	Optional	The hybrid category of the vehicle, i.e. PLUGIN

3 CSV file sample

LicensePlate,Nationality,RegistrationYear,StatusCode,GroupCode,GroupText,MakeText,EuroGroupCode,TechnicalSubGroup,IsEmergencyVehicle,Weight,Length,FuelCode,FuelText,EuroNorm,HasParticleFilter,ParticleEmission,NoxEmission,Co2Emission,IsHybrid,HybridCategory

BD74260,NO,2011,0,101,PERSONBIL,OPEL,M1,,0,2105,470,02,DIESEL,5L,1,4,148,119,0,

HB82280,NO,2016,0,101,PERSONBIL,VOLVO,M1G,,0,3010,495,01,BENSIN,6L,1,4,148,119,1,PLUGIN

HJ88732,NO,2011,0,316,CAMPINGBIL,BURSTNER,M1,SA,0,4000,722,02,DIESEL,4T,0,0,366,0,0,

