

EasyGo+ and EETS DSRC Tolling Data Specification

Enclosure B to Document 202 “Roadside and on-board equipment”

This copy of the document was published on www.easygo.com and is for information purposes only. It may change without further notice.

Table of contents

DOCUMENT REVISION HISTORY	3
ABBREVIATIONS	4
1 INTRODUCTION	5
2 EFC ATTRIBUTES.....	5
2.1 EFC ATTRIBUTE OVERVIEW	5
2.2 ATTRIBUTE DATA.....	6
2.1.1 ATTRIBUTE 0: EFC-CONTEXT MARK.....	6
2.1.2 ATTRIBUTE 32: PAYMENTMEANS	7
2.1.3 ATTRIBUTE 16: VEHICLELICENCEPLATENUMBER	7
2.1.4 ATTRIBUTE 17: VEHICLE CLASS	8
2.1.5 ATTRIBUTE 18: VEHICLE DIMENSIONS.....	9
2.1.6 ATTRIBUTE 19: VEHICLE AXLES	9
2.1.7 ATTRIBUTE 20: VEHICLE WEIGHT LIMITS	10
2.1.8 ATTRIBUTE 22: VEHICLE SPECIFIC CHARACTERISTICS.....	10
2.1.9 ATTRIBUTE 24: EQUIPMENTOBU ID.....	11
2.1.10 ATTRIBUTE 26: EQUIPMENTSTATUS	12
2.1.11 ATTRIBUTE 33: RECEIPT DATA 1	12
2.1.12 ATTRIBUTE 34: RECEIPT DATA 2.....	13
3 OPERATING AND CONFIGURATION PARAMETERS.....	14
3.1 MANUFACTURERID AND EQUIPMENTCLASS.....	14
4 DIFFERENTIATION OF OBE MODELS OR VERSIONS OF THE SAME MANUFACTURER IN EFCCONTEXTMARK.....	14
4.1 SETMMI	14
5 SECURITY FEATURES.....	15
5.1 USE OF ACCESS CREDENTIALS	15
5.2 KEYREFERENCES FOR AUTHENTICATOR KEYS.....	15
5.3 KEYS.....	15
6 REFERENCES	16
6.1 STANDARDS AND EXTERNAL DOCUMENTS	16
6.2 EASYGO DOCUMENTS	17
7 INFORMATIVE ANNEXES	18
7.1 VEHICLE DECLARATION DOCUMENT.....	18

Document revision history

Version	Date	Author	Main changes
V1.0	13.12.2010	HHA	Doc. release
2.0	02.05.2013		Approved by steering committee
3.0	07.04.2016		Approved by steering committee
3.1	29.07.2016	HHA	Ch. 4 added.
4.0	24.11.2016		Approved by steering committee
4.1	27.11.2017	HHA	Update for EETS, editorial changes
4.11	13.12.2017	HHA	Editorial changes only
4.2	22.02.2018	HHA	Release version
5.0	27.02.2018		Approved by steering committee

Abbreviations

Abbreviation, Term	Description
TSP	Toll Service Provider, Contract issuer, issuer
CI	Toll Service Provider, Contract issuer, issuer
TC	Toll Charger, Operator
EETS	European Electronic Toll Service
RSE	Roadside Equipment
OBU	On-board Unit (Term used often in DSRC standards for OBE too)
OBE	On-board Equipment
EFC	Electronic Fee Collection
PAN	Personal Account Number
SP	Service Provider
HGV	Heavy Goods Vehicle
MII	Major Industry Identifier
IIN	Issuer Identifier Number

1 Introduction

This document specifies in detail OBE data content and use of this data within a EasyGo+ or EETS transaction at EasyGo toll domains.

All attributes and function names in this document are named according to [EFC API].

If in this or other documents the term OBU is used, the meaning of «OBU» and «OBE» is to be interpreted identically.

2 EFC Attributes

2.1 EFC Attribute overview

OBE data is personalised to EFC attributes acc. to [IAP] with minor deviations (see column “Remarks”)

Each Attribute contains one or several data fields according to EN 14906. Personalisation must be made by the Contract Issuer (TSP) according to the rules as specified in this specification.

For further details on specification of Attributes and security features which have to be implemented and supported by the OBE, see [EFC-API] and [EasyGo-202-A].

“Read” and “Write” define access rights to a given Attribute for GET, GET Stamped or SET **used by RSE**. Definition of access rights for personalisation is up to the TSP’s special OBE requirements.

ATTRIBUTES (EID>0)	AttrId	Type	Length in bytes	Read	Write	Remarks
CONTRACT						Information associated with the service rights of the Toll Service Provider (TSP=CI)
EFC Context Mark	0	32	6	Yes	No	Contains the TSP Identification (transmitted as part of the VST)
PAYMENT						Data associated with the Payment transaction.
PaymentMeans (including PAN)	32	64	14	Yes	No	Includes: <ul style="list-style-type: none"> the Personal Account Number, including the Payment Means Issuer (identified by the IIN), The PAN Expiry Date The payment means Usage Control
VEHICLE						Information pertaining to the identification and characteristics of the vehicle.
VehicleLicencePlateNumber	16	47	variable (10...14) + 3 bytes	Yes	No	Length of the Attribute, incl. country code, Alphabet Indicator and length. **)
VehicleClass	17	49	1	Yes	No	
VehicleDimensions	18	50	3	Yes	No	
VehicleAxles	19	51	2	Yes	No	

ATTRIBUTES (EID>0)	AttrId	Type	Length in bytes	Read	Write	Remarks
VehicleWeightLimits	20	52	6	Yes	No	
VehicleSpecificCharacteristics	22	54	4	Yes	No	
EQUIPMENT						Information pertaining to the OBE.
EquipmentOBUId	24	56	5 (=4+1)	Yes	No	Length of EquipmentOBUId is fixed to 4+1 bytes as specified in EN 15509
EquipmentStatus	26	58	2	Yes	Yes	Include transaction counter and black list flag
RECEIPT						Information associated with a specific session, including both financial and operational data.
ReceiptData1 (last)	33	65	28	Yes	Yes	
ReceiptData2 (penultimate)	34	66	28	Yes	Yes	

***) According to EN15509 variable length (13 .. 17 bytes in total) of this attribute is allowed. Though the RSE can read LPN information with 10 to 14 characters, only the first 10 significant characters are further processed in some EasyGo central systems (see chapter 2.1.3).

2.2 Attribute data

The general structure of Attributes and their data elements is shown in [EFC API], chapter “EFC attributes”.

2.1.1 Attribute 0: EFC-Context Mark

The **EFC-ContextMark** denotes a specific EFC context in the OBE, comprising the organisation that issued the contract, the type of contract and the context version. EFC-ContextMark data is transmitted in VST as part of the ApplicationContextMark to enable the RSU to select the suitable EFC application as well the appropriate OBE data element, if the OBE is presenting more data elements.

Data element	Definition	Use in EasyGo+ and EETS context
ContractProvider	Identifies the organisation that issued the service rights given in the Contract, i.e. the Toll Service Provider. Numbers shall be assigned on a national basis. It is outside the scope of this standard to identify the data that specify the service rights.	mandatory
TypeOfContract	ContractProvider-specific designation of the rules that apply to the Contract. Allows, e.g., for the determination of the tariff or designating the type of purse associated with the contract.	mandatory
ContextVersion	ContextVersion denotes the implementation version of the concerned contract within the context of the given ContractProvider, value assigned at the discretion of the ContractProvider. The ContextVersion may also be used as a security key reference.	mandatory

Note: For statistical purposes different ContextVersions can be requested for different OBE types issued for operational contracts by the same TSP (To be defined by TSP). EFCContext Mark data for test contracts is usually different to operational contracts and to be defined by the TSP.

2.1.2 Attribute 32: PaymentMeans

The attribute PaymentMeans holds the contract data as PAN, ExpiryDate and UsageControl:

Data element	Definition	Use in EasyGo+ and EETS context
PersonalAccount Number (PAN)	Coded according to financial institutions, consists of the Major Industry Identifier (MII), the Issuer Identifier Number (IIN, including the MII), the account number and a check digit (calculated with the Luhn algorithm).; acc. to ISO7812	mandatory
PaymentMeans ExpiryDate	Expiring date of payment means. Payment means expires at 24h of PaymentMeans ExpiryDate. (Expiry date to be chosen by issuing TSP)	Mandatory *)
PaymentMeans UsageControl	Indicates issuer's specified restrictions on the geographic usage and services allowed for the applications	Not used, optional (or set to zero)

*) Note: Interpretation of PaymentMeansExpiryDate is mandatory at RSE, so the OBE must be personalized with a date freely chosen by the issuing TSP.

2.1.3 Attribute 16: VehicleLicencePlateNumber

This attribute is holding information about the vehicles licence plate content (LPN) and the registering country. The licence plate information can have up to 14 characters acc. to 15509, but for legacy and compatibility reasons only up to 10 characters can be used for identification in some toll contexts (LPN information is truncated to 10 characters at RSE of some toll domains for historical reasons).

The license plate information shall always be padded with NULL characters after the last character to achieve the total length indicated by the length determinant.

For the LPN only Latin Alphabet No. 1 (according to ISO 8859-1) upper case letters and numbers (without any spaces and hyphens) shall be used.

Please note that further restrictions for use of Latin-1 characters apply according to restrictions for LPN data in EasyGo HGV files (see [EasyGo-203], "Technical requirements, data formats and interface specifications").

Non-Latin Alphabet No. 1 characters used in a LPN (i.e. characters from ISO 8859-2 Latin Alphabet No. 2 and ISO 8859-5 Latin/Cyrillic alphabet) shall be coded as lower-case letters applying the translation table from Annex E of EN ISO14906 [EFC API].

Data element	Definition	Use in EasyGo+ and EETS context
CountryCode	Two letter countrycode(ISO 3166-1-alpha-2 code) . coded in ITA-2 alphabet acc. to EN14816	mandatory
AlphabetIndicator	Latin alphabet No1(ISO8859-1)	mandatory
Length determinant	10 ... 14	mandatory
LPN	Up to 10 significant LPN characters , padded with NUL to achieve the specified length	mandatory

2.1.4 Attribute 17: Vehicle Class

The attribute VehicleClass is holding information about trailer presence, the vehicles “Harmonised European vehicle Class” and a local class, if defined by the TSP for his own local use. In interoperable context general interpretation of LocalVehicleClass at RSE is not possible.

The data element Trailer Presence Indicator is used to indicate whether the vehicle is towing a trailer (Trailer not present = 0, trailer present= 1).

The value of Trailer Indicator (T) shall be always 1, if the value of VehicleAxlesNumber.NumberOfAxles.Trailer > 0.

The data element EuropeanVehicleGroup is based on UNECE vehicle classes [UNECE].

European Vehicle Group	Description	Characteristics	UNECE Class
0	No entry		(formerly Motorcycles acc. to EN15509:2007)
1	small passenger vehicles	seats ≤ 8+driver	M1 (See note 1)
2	Light goods vehicles	weight < 3.5 t	N1 (See note 2)
3	Large passenger vehicles	seats > 8 + driver	M2, M3 (See note 3)
4	heavy goods vehicles (up to 12 t)	weight > 3.5 t and ≤ 12 t	N2
5	heavy goods vehicles (over 12 t)	weight > 12 t	N3
6	Motorcycles	2 or 3 wheels	L (new acc. to EN15509:2014)
7	other vehicles	weight > 3.5 t	See note 4

Note 1: Assumed to be ≤3.5 tons, otherwise assigned to group 7

Note 2: Assumed to have 2 axles, otherwise the vehicle is assigned to group 7

Note 3: Assumed to be >3.5 tons Note that a few of these vehicles may be ≤3.5 tons

Note 4: Any vehicle not defined in European Vehicle Groups 1- 6. This includes small passenger vehicles weighing more than 3.5 tons.

Weight is the information F2 in the European Certificate of Immatriculation for vehicles according to [Reg_doc].

Data element	Definition	Use in EasyGo+ and EETS context
TrailerPresencerIndicator	Trailer no/yes	mandatory
EuropeanVehicleGroup	European vehicle group based on UNECE	mandatory
LocalVehicleClass	Local vehicle class, defined by the TSP for special local use	Optional (or set to zero)

If the OBE shall allow manual declaration of additional trailer axles, TrailerPresencerIndicator shall be set to 0 at initial personalisation and the TrailerPresencerIndicator shall be set automatically to 1 by the OBE logic, if additional axles are declared manually

The data element EuropeanVehicleGroup is used to distinguish between trucks, bus (both > 3.5 t) and other vehicles as follows:

Vehicles in European Vehicle Groups 3, 4, 5 and 7 are considered to be “heavy vehicles” (weighing more than 3.5 tons); they are relevant for EasyGo+ and EETS

If LocalVehicleClass is not used by any TC for local use, the value shall be set to zero

2.1.5 Attribute 18: Vehicle Dimensions

The attribute VehicleDimensions is holding information about the nominal overall dimensions of the vehicle acc. to ISO 612.

Data element	Definition	Use in EasyGo+ and EETS context
VehicleLengthOverall	Nominal maximum overall length of the vehicle according to ISO 612, in dm, rounded to the next dm.	Not used, optional (or set to zero)
VehicleHeightOverall	Nominal overall unladen height, according to ISO 612, in dm, rounded to the next dm.	Not used, optional (or set to zero)
VehicleWidthOverall	Nominal overall width, according to ISO 612, in dm, rounded to the next dm	Not used, optional (or set to zero)

The attribute VehicleDimensions is not used in the EasyGo+ and EETS context.

2.1.6 Attribute 19: Vehicle Axles

The attribute VehicleAxles is holding information about the first axle’s height, the usage of dual tyres and the number of axles (including drop axles) for tractor vehicle and trailer.

Data element	Definition	Use in EasyGo+ and EETS context
VehicleFirstAxleHeight	Bonnet height, measured over the front axle, in dm, rounded to the next dm	Not used, optional (or set to zero)
VehicleAxlesNumber	VehicleAxlesNumber.TyreType: Claimed tyre type	Not used, optional (or set to zero)
VehicleAxlesNumber	VehicleAxlesNumber.NumberOfAxles.Trailer: number of axles on trailer including drop axles	mandatory
VehicleAxlesNumber	VehicleAxlesNumber.NumberOfAxles.Tractor: number of axles of the tractor unit including drop axles	mandatory

Use in EasyGo+ and EETS context:

If the OBE allows to manually declare trailer axles, VehicleAxlesNumber.NumberOfAxles.Trailer shall be set to 0 at initial personalization; VehicleAxlesNumber.NumberOfAxles.Trailer will be automatically set by the OBE logic, if additional axles are declared.

If not other agreed, VehicleAxlesNumber.NumberOfAxles.Tractor shall be set to values 2, 3, 4 only at personalization (Value 4 will be interpreted as “4 or more” axles at the tractor vehicle).

2.1.7 Attribute 20: Vehicle Weight Limits

The attribute VehicleWeightLimits is holding information about vehicle weight limits according to ISO1176.

Data element	Definition	Use in EasyGo+ and EETS context
VehicleMaxLadenWeight	Maximum permissible total weight including payload, according to ISO 1176. 10 kg units, rounded down to the next 10kg step.	Not used, optional (or set to zero)
VehicleTrainMaximumWeight	Maximum permissible weight of the complete vehicle train, as defined in ISO 1176. 10 kg units, rounded down to the next 10kg step.	Not used, optional (or set to zero)
VehicleWeightUnladen	Nominal unladen weight, according to ISO 1176 in 10 kg units, rounded down to the next 10 kg step.	Not used, optional (or set to zero)

2.1.8 Attribute 22: Vehicle Specific Characteristics

The attribute VehicleSpecificCharacteristics is holding information about environmental characteristic (emission class), engine type and other vehicle characteristics.

Data element	Definition	Use in EasyGo+ and EETS context
EnvironmentalCharacteristics.EuroValue	Euro value as defined in EC directive 88/77/EEC and consecutive amendments	mandatory
EnvironmentalCharacteristics.CopValue	Cop value as defined in EC directive 2003/127/EEC.	Not used, optional (or set to zero)
EngineCharacteristics	Claimed engine type	Not used, optional (or set to zero)
DescriptiveCharacteristics	Vehicle shapes for silhouette	Not used, optional (or set to zero)
FutureCharacteristics	Reserved for future use	Not used, optional (or set to zero)

The data element EnvironmentalCharacteristics.EuroValue is used to determine the EURO Emission Class, this value is interpreted at some EasyGo RSE for tariff calculation.

Coding of VehicleSpecificCharacteristics.EnvironmentalCharacteristics.EuroValue:

The EURO emission class is to be coded 1:1 as value to VehicleSpecificCharacteristics.EnvironmentalCharacteristics.EuroValue , for EEV classified vehicles value 15 shall be used.

Note: "Enhanced environmentally friendly vehicle" or EEV is a term used in the European emission standards for the definition of a "clean vehicle" > 3.5 tons.

2.1.9 Attribute 24: EquipmentOBU ID

The EquipmentOBUId shall be a unique identification number assigned to OBE by the manufacturer during the production process.

Data element	Definition	Use in EasyGo+ and EETS context
EquipmentOBUId	Coding and personalisation by the manufacturer	mandatory

The EquipmentOBUId is used a.o. like a PAN to identify a specific OBE e.g. for blacklisting purposes (together with the ManufacturerId, submitted in VST).

If the attribute EquipmentOBUID is shorter than 4 Byte (+1 Byte length indicator), it is righthpadded with 0'B to achieve the desired length of 4 Bytes before being inserted in the RSE's database (see example in document 202-C).

2.1.10 Attribute 26: EquipmentStatus

The attribute EquipmentStatus is holding EFC application-related information pertaining to the status of the equipment.

The coding of EquipmentStatus has the bit ordered substructure LBL L CCCC CCCC CCCC, where:

CCCC CCCC CCCC: The lower 12 bits of this attribute are used for a transaction counter (increased by RSE at each transaction), which can be used for proving some instances of fraud.

LBL L = 4 bits for local use (coding and use is at the discretion of the operator (TC)).

Bit B can be used for blacklisting purposes (“Blacklist Bit”).

Data element	Definition	Use in EasyGo+ and EETS context
CCCC CCCC CCCC Transaction Counter	Set to zero at initial personalisation	Mandatory update at RSE
LBL L Where B= Blacklist Bit	If the BlistBit= 1, the OBE can be treated as blacklisted (Use (set/reset and interpretation up to agreements between SP and TC)	Not used, optional (or set to zero)

Use of EquipmentStatus in EasyGo+ / EETS context:

Interpretation of the transaction counter is up to the TC’s decision.

Blacklist bit:

Setting/ resetting the BlacklistBit is reserved to the TSP, the usage has to be agreed between TSP and TC, because for the time being, not all TCs can read/interpret this bit accordingly at RSE. If the usage is agreed, the OBE is treated like to be on the blacklist, if the BlacklistBit is set.

2.1.11 Attribute 33: Receipt Data 1

The attribute ReceiptData1 contains information associated with the last transaction, including both financial and operational data according to EN ISO 14906. This attribute is written by RSE only; initial personalization shall be done with zeros. It is used only by the TC who has written it.

Use of ReceiptData1 in EasyGo+ / EETS context:

This attribute is written by RSE only; initial personalisation shall be done with zeros. The attribute ReceiptData1 is used for enforcement purposes only.

2.1.12 Attribute 34: Receipt Data 2

The attribute ReceiptData2 contains information associated with the penultimate transaction, including both financial and operational data according to EN ISO 14906. This attribute is written by RSE only; initial personalisation shall be done with zeros. It is used only by the TC who has written it.

Use of ReceiptData2 in EasyGo+/ EETS context:

This attribute is written by RSE only; initial personalisation shall be done with zeros. The attribute ReceiptData2 is used for enforcement purposes only.

Internet
www.easygo.com
COPY

3 Operating and configuration parameters

3.1 ManufacturerId and EquipmentClass

Manufacturer identifier (ManufacturerId) and EquipmentClass are written by the manufacturer to the OBE. This information is submitted in VST and can be used at RSE e.g. to select transaction operating parameters suitable for this OBE.

Data element	Definition	Use in EasyGo+ and EETS context
ManufacturerId	Value assignment see ENV ISO 14816 Register of manufacturers.	mandatory
EquipmentClass	Shall be used to show different OBE versions from same manufacturer	mandatory

The value of EquipmentClass must be different for different OBE models and different OBE hardware/ software versions of the same OBE model.

4 Differentiation of OBE models or versions of the same manufacturer in EFCCContextMark

To enable transaction based OBE quality evaluation in systems where the EquipmentClass cannot be used to distinguish different OBE models or OBE versions with the same ManufacturerId for a given TSP (EFCCContextMark.ContractProvider) it is mandatory to vary EFCCContextMark.TypeOfContract and/ or EFCCContextMark.ContextVersion (The keyset could be the same).

4.1 SetMMI

In different versions of EN14906 different ActionParameters for SetMMI were defined. For EasyGo+/EETS the RSE shall use Container choice = 69 dec.

5 Security features

5.1 Use of Access Credentials

For EasyGo+/ EETS exclusive use of security level 1(= use of AccessCredentials) is mandatory.

5.2 KeyReferences for authenticator keys

For EasyGo+/ EETS the key reference range for TC Authenticator (Operator authenticator, KeyRef to be used in the first GET_STAMPED.request) is 115 to 118.

For EasyGo+/ EETS the key reference range for TSP Authenticator (CI authenticator, KeyRef to be used in the second GET_STAMPED.request) is 111 to 114.

5.3 Keys

For the test phase use of a test key set different to the operating keys is recommended.

6 References

6.1 Standards and external documents

For dated references, subsequent amendments to or revisions of any of these publications apply only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

Reference	Document Ref	Date / Version	Document title
[IAP]	EN 15509	2014	Road Traffic and Transport Telematics (RTTT) – Electronic Fee Collection – Interoperability application profile for DSRC
[EFC API]	EN ISO 14906:2011/ Amd1:2015	2011/ Amd1:2015	Road Traffic and Transport Telematics (RTTT) – Electronic Fee Collection – Application interface definition for dedicated short range communication
[AVI No]	EN ISO 14816	2005	Road Traffic and Transport Telematics (RTTT) – Automatic Vehicle and Equipment Identification – Numbering and Data Structures
[UNECE]			ECONOMIC COMMISSION FOR EUROPE - INLAND TRANSPORT COMMITTEE - Working Party on the Construction of Vehicles TRANS/WP.29/78/Rev.1/Amend.2 - CONSOLIDATED RESOLUTION ON THE CONSTRUCTION OF VEHICLES (R.E.3)
[Reg_doc]			Directive 1999/37/EC on Registration Documents

6.2 EasyGo documents

Reference	Document Ref	Date / Version	Document title
[EasyGo-202]			EasyGo Roadside and On-board Equipment
[EasyGo-202-A]			EasyGo+ and EETS OBE Functional Requirements (this document) (Replacements for “Functional requirements for EasyGo+ OBEs”)
[EasyGo-202-B]			EasyGo+ and EETS DSRC Tolling Data Specification (Replacement for “EasyGo+ OBE personalisation, configuration and operating parameters”)
[EasyGo-202-C]			EasyGo+ and EETS DSRC transaction for Tolling and Enforcement (Replacement for “EasyGo+ DSRC transaction for tolling and enforcement”)
[EasyGo-202-E]			EasyGo+ and EETS Acceptance Procedures (Replacements for “EasyGo+ OBE compatibility tests”)
[EasyGo-203]			Technical requirements, data formats and interface specifications

7 Informative Annexes



7.1 Vehicle declaration document

The vehicle declaration document serves as an evidence for a valid contract in case of missing or defect OBE showing at least the following information:

- TSP name and address,
- License plate number and nationality of license plate,
- PAN,
- OBU-ID (ContractProviderId (6hex chars)+ManufacturerId (4 hex chars)+EquipmentObuId (8 hex chars) printed readable and as barcode (with an add. check digit, code 128A acc. to EN799, see example below),
- Euro emission category,
- Personalized number of axles of the tractor vehicle
- Personalized European vehicle class (UNECE)
- Issuing date and time

For an example of a vehicle declaration document see next page.

EasyGo+ VEHICLE DECLARATION (BroBizz+)

BroBizz A/S Vester Sogade 10 DK-1601 København V, Denmark VAT no. 31854822 www.brobizz.com easygo+@brobizz.dk , easygoplus@brobizz.dk Tel.: 0045 70 20 70 49 Fax: 0045 33 44 34 99	
VEHICLE DECLARATION	
License Plate	
Nationality	
PAN:	
OBU-ID	
Emission Class	
Number of Axles of the tractor vehicle	
European Vehicle Class	
Date/ Time	
Advice for usage/ Nutzungshinweise	
Please check before departure, if the above mentioned BroBizz+ OBE was installed properly in the aforementioned vehicle. With a built-in device, please check vehicle license plate number and EURO emission class. The vehicle declaration is kept by the driver of the vehicle while driving. By any change in the above, registered data loses the subject vehicle is declared invalid. <u>Changes must be reported to BroBizz A/S without delay</u>	
Bitte überprüfen Sie vor Fahrtantritt, ob die oben angeführte BroBizz+ OBE in dem oben angeführten Kraftfahrzeug ordnungsgemäß montiert wurde. Die Fahrzeugdeklaration ist vom Kraftfahrzeuglenker während der Fahrt mitzuführen. Durch jedwede Änderung der oben angeführten, registrierten Daten verliert die gegenständliche Fahrzeugdeklaration ihre Gültigkeit. Änderungen sind der BroBizz A/S umgehend mitzuteilen.	
Nutzung in Österreich	
Hinweis für die GO Vertriebsstelle in Österreich:	
Bitte klicken Sie am Bildschirm auf „Bestehender Kunde“ und „keine GO-Box aufgelegt/ externer Kunde“ und scannen Sie den Strichcode mittels Barcodescanner als Fahrzeuggerätenummer ein. Sollte dies nicht möglich sein, tippen Sie entweder die Nummer unter dem Strichcode ein oder suchen nach dem oben angeführten Kennzeichen und Land.	
OBU ID:	 9780030003647A28B2
Usage in Scandinavia	
In case of stop in a Toll Station with barriers in Scandinavia:	
The toll attendant must use the barcode representing the PAN number below as the barcode for the PAN number is not on the OBE.	
PAN No:	 9208606298027405