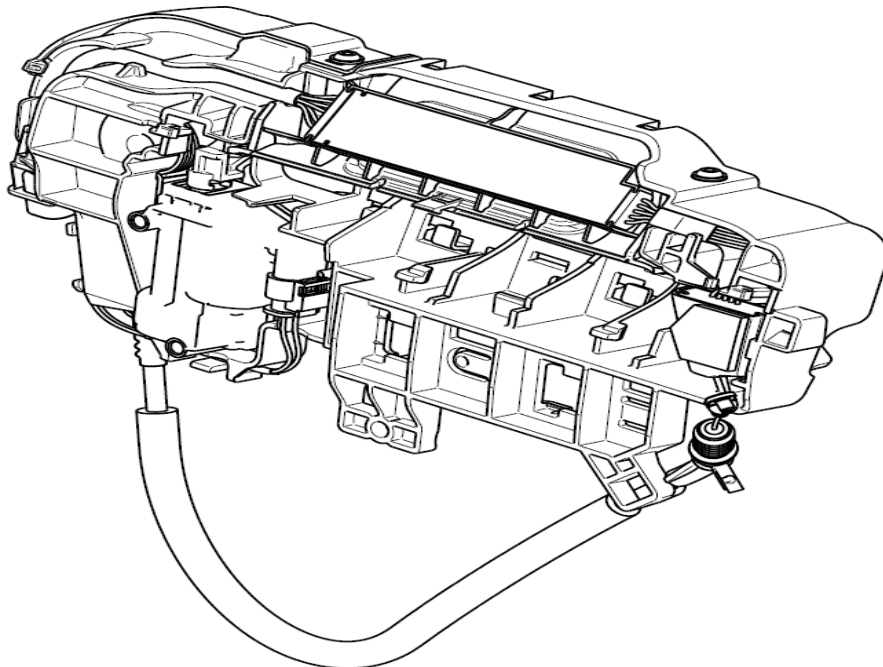




Label Draft Audi eTAB

Huf project number.: 3025.002
Huf project name: Audi / AU513/4 / Bracket - eTAB
Customer: Audi
Component: eTAB V5 for homologation
Vehicles: E6, B10, C9
HW-Version: C1 sample (HW X04)
SW-Version: 05.05.05
HUF administrator: Thomas Herzog (PD-G, thomas.herzog@huf-group.com)



Prepared on 30 - 11 - 2022
Prepared by S. Bitirim – PD-AS3



I. Change History

Index	Changes	Date	Name
000	Initial version	30.11.2022	S. Bitirim PD – AS3

II. Table of Contents

I.	Change History.....	2
II.	Table of Contents.....	2
III.	List of abbreviations.....	2
1	Product Overview.....	4
1.1	Product variants.....	4
1.2	Area for label.....	4
1.3	Overview left and right version V5 and V5 eTSG.....	5
1.4	Detailed content for version V5 and V5 eTSG left.....	5
1.5	Detailed content for version V5 and V5 eTSG right.....	6

III. List of abbreviations

AM	Amplitude modulation
ASK	Amplitude shift keying
CW	Continuous wave
ECU	Electronic Control Unit
eTSG	eTür-Steuer-Gerät
ETSI	European Telecommunications Standards Institute
Huf	Huf Hülsbeck & Fürst GmbH & Co. KG



IEC	International Electro technical Commission
ISO	International Organization for Standardization
LPCD	Low Power Card Detection
MECVD	Multipuls Enhanced Capacitive Voltage Divider
NFC	Near Field Communication
OEM	Original Equipment Manufacturer
OOK	On/ Off Keying
PCB	Printed Circuit Board
PCBA	Printed Circuit Board Assembly
PCD	Proximity coupling device
PICC	Proximity integrated circuit card
RED	Radio Equipment Directive
RF	Radio-Frequency

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1 Product Overview

1.1 Product variants

The AU513/4 - eTab door handle electronics is subdivided into six different variants , For homologation are only V5 Versions are relevant the V1 and V4 versions are not additionally mentioned:

- **V5 → IND-ACT-CAP-LED-NFC-CAN: (existing as left and right version)**
 - Inductive open sensor with capacitive unlock sensor, actuator control, capacitive lock sensor, integrated illumination, Near Field Communication, CAN-FD interface
- **V5 eTSG → IND-ACT-CAP-LED-NFC-CAN: (existing as left and right version)**
 - Inductive open sensor with capacitive unlock sensor, actuator control, capacitive lock sensor, integrated illumination, Near Field Communication, CAN-FD interface, eTSG interface

The eTSG Variants are used for electrical driven cars.

1.2 Area for label

The area for the label is mirrored on left and right brackets marked in the red Box

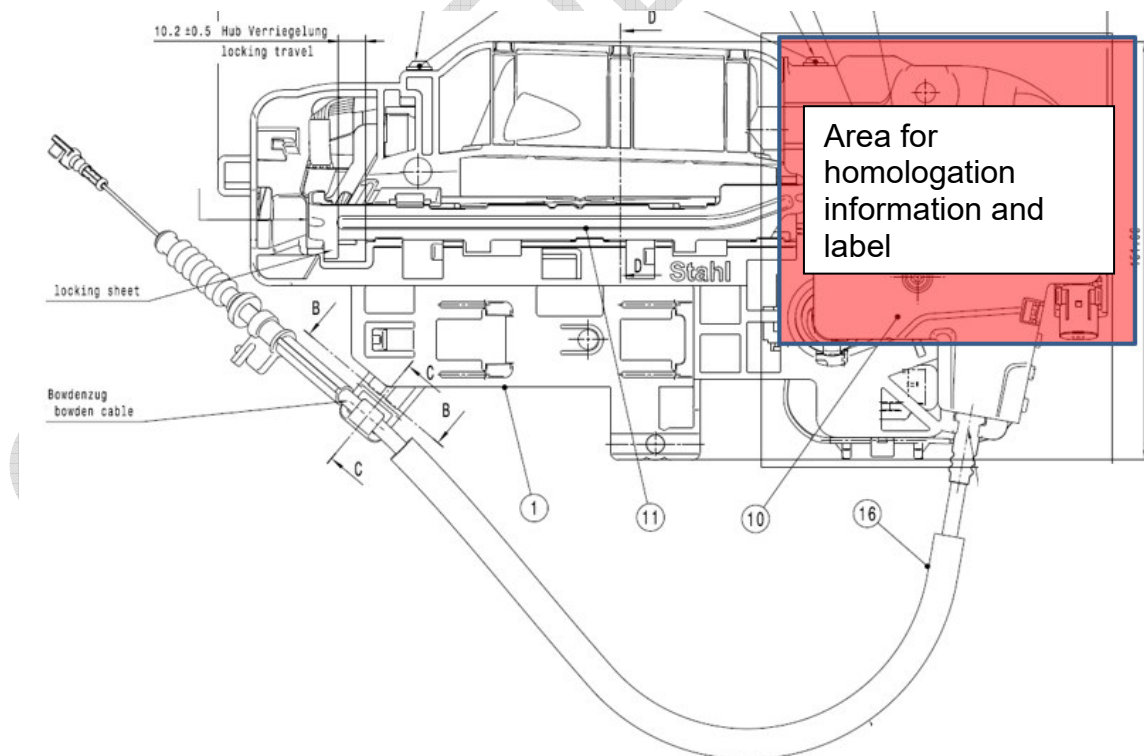


Figure 1: Bracket overview for label area



1.3 Overview left and right version V5 and V5 eTSG

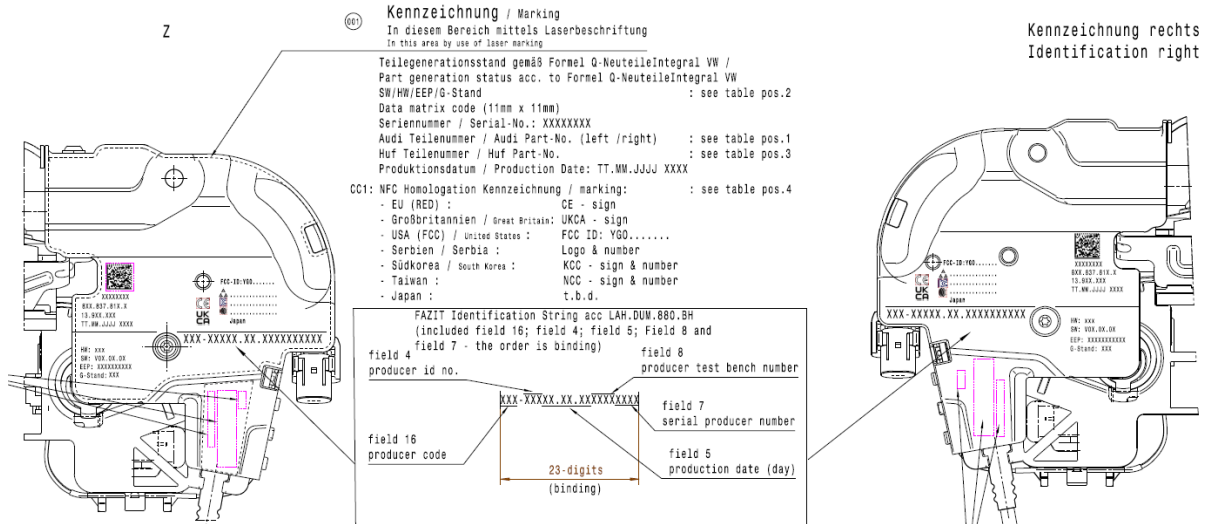


Figure 2: Bracket left and right overview

1.4 Detailed content for version V5 and V5 eTSG left

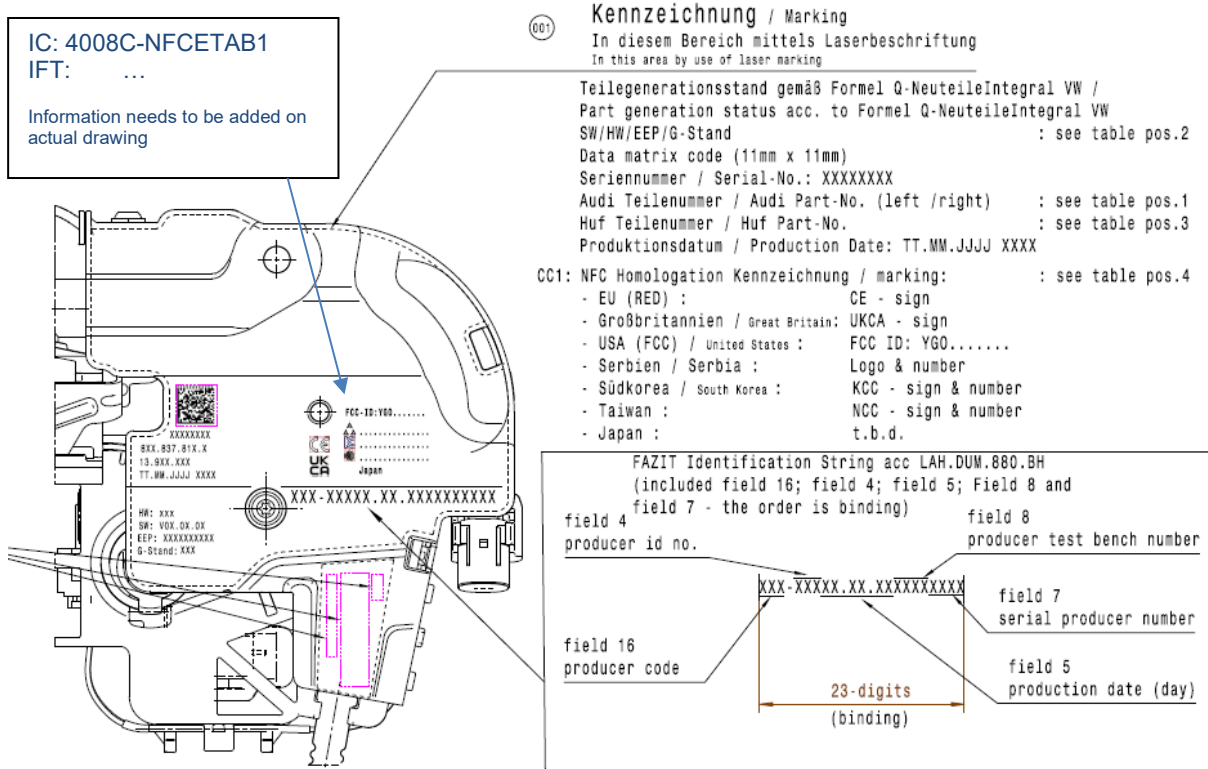


Figure 3: Bracket V5 and V5 eTSG left detailed

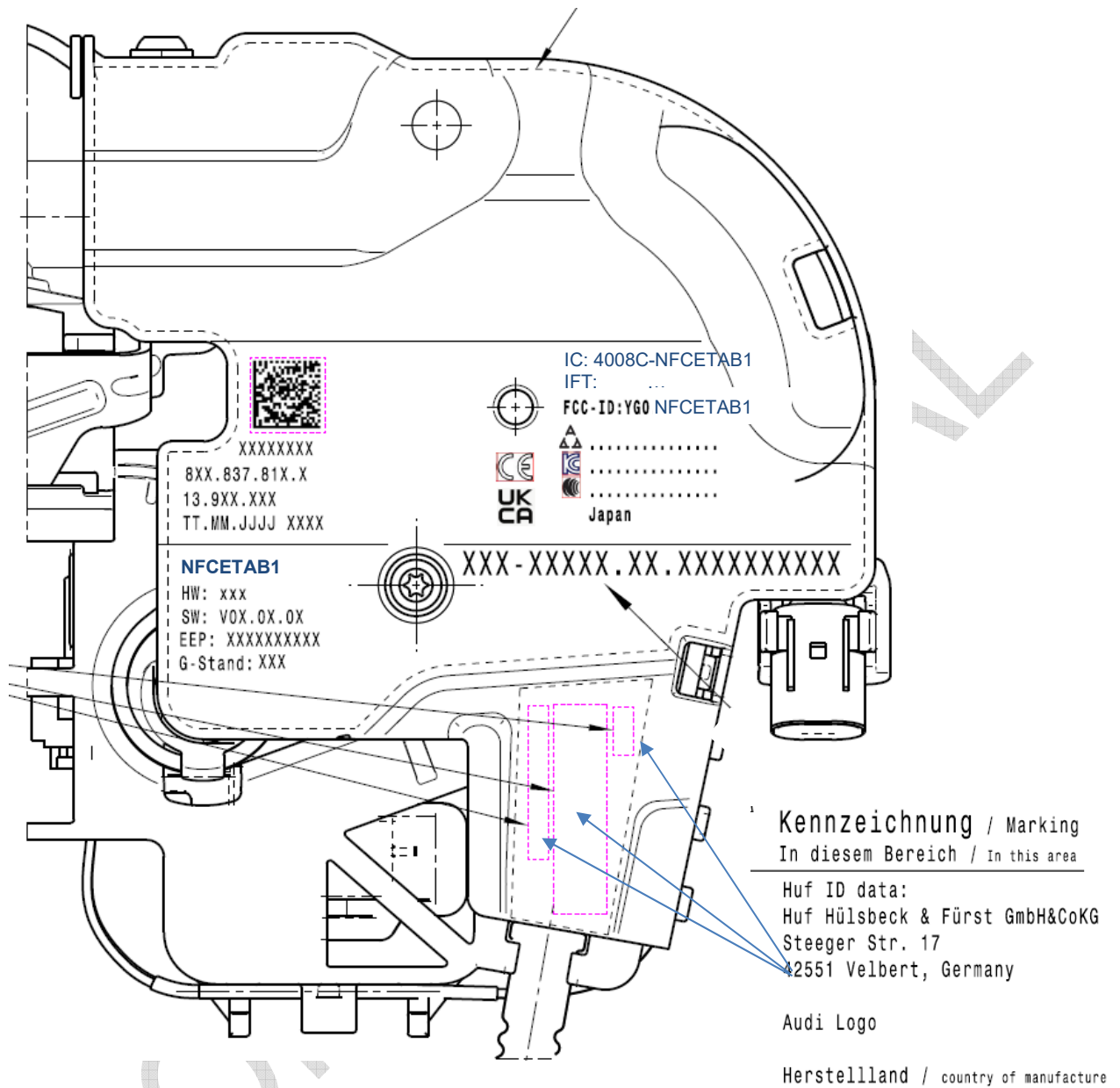


Figure 4: Bracket V5 and V5 eTSG left detailed and zoomed



1.5 Detailed content for version V5 and V5 eTSG right

① Kennzeichnung / Marking
 In diesem Bereich mittels Laserbeschriftung
 In this area by use of laser marking

Teilgenerationsstand gemäß Formel Q-NeuteileIntegral VW /
 Part generation status acc. to Formel Q-NeuteileIntegral VW
 SW/HW/EEP/G-Stand : see table pos.2

Data matrix code (11mm x 11mm)
 Seriennummer / Serial-No.: XXXXXXXX
 Audi Teilenummer / Audi Part-No. (left /right) : see table pos.1
 Huf Teilenummer / Huf Part-No. : see table pos.3
 Produktionsdatum / Production Date: TT.MM.JJJJ XXXX

CC1: NFC Homologation Kennzeichnung / marking: : see table pos.4

- EU (RED) : CE - sign
- Großbritannien / Great Britain: UKCA - sign
- USA (FCC) / United States : FCC ID: YGO.....
- Serbien / Serbia : Logo & number
- Südkorea / South Korea : KCC - sign & number
- Taiwan : NCC - sign & number
- Japan : t.b.d.

FAZIT Identification String acc LAH.DUM.880.BH
 (included field 16; field 4; field 5; Field 8 and
 field 7 - the order is binding)

field 4 producer id no.	field 8 producer test bench number
field 16 producer code	field 7 serial producer number
23-digits (binding)	
	field 5 production date (day)

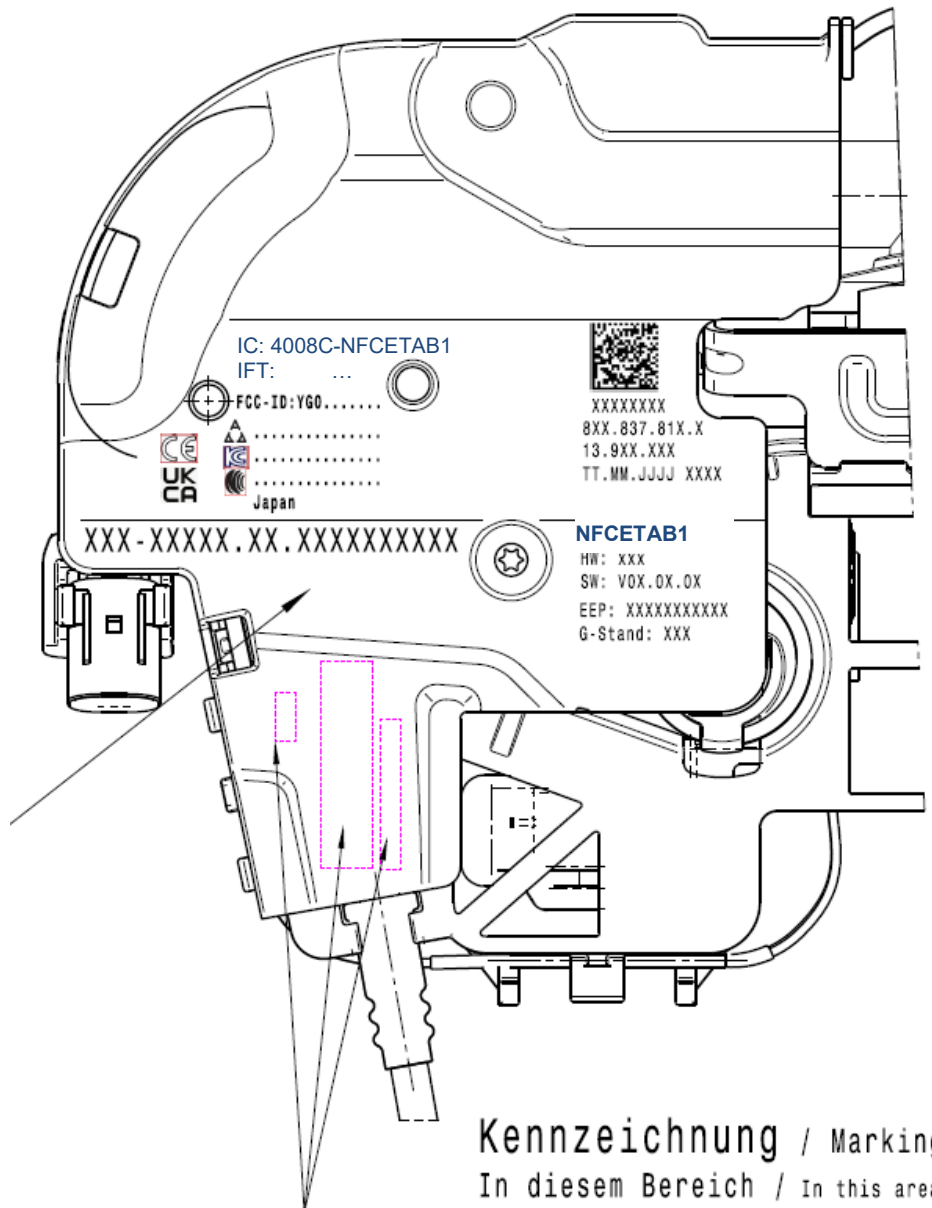
IC: 4008C-NFCETAB1
 IFT: ...

Information needs to be added on actual drawing

Kennzeichnung rechts
 Identification right

Figure 5: Bracket V5 right detailed

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Kennzeichnung / Marking
In diesem Bereich / In this area

Huf ID data:
Huf Hülbeck & Fürst GmbH&CoKG
Steger Str. 17
42551 Velbert, Germany

Audi Logo

Herstellland / country of manufacture

Figure 6: Bracket V5 right detailed and zoomed