

## EC TYPE-APPROVAL CERTIFICATE

Communication concerning:  
~~EC type approval~~ <sup>(1)</sup>  
 extension of EC type approval <sup>(1)</sup>  
~~refusal of EC type approval~~ <sup>(4)</sup>  
~~withdrawal of EC type approval~~ <sup>(1)</sup>

Of a Type of:  
~~complete vehicle~~ <sup>(4)</sup>  
~~completed vehicle~~ <sup>(4)</sup>  
~~incomplete vehicle~~ <sup>(1)</sup>  
 vehicle with complete and incomplete variants <sup>(1)</sup>  
~~vehicle with completed and incomplete variants~~ <sup>(1)</sup>

with regard to Directive 2007/46/EC as last amended by Commission Regulation (EU) No. 2019/543

EC type-approval No: e5\*2007/46\*1033\*07

Reason(s) for extension:

- 1) Information folder as latest amended by (EU) 2022/1177
- 2) Variants/Versions revised according to table Covered Variant/Version - Summary  
 (deleted - crossed out in red, added - underlined in blue)

Changes on version level:

- 3) Position 21: Name of Fuel revised to Fuel and Brake System; C deleted, F, H; and J added  
 (Cotter point changes resulting from the revised Covered Variant/Version - Summary will not be marked)
- 4) Address of maintenance revised
- 5) 3.2.8.3.3 Actual Intake system depression revised
- 6) 8.9. optional EPB added
- 7) 9.10.3.1.1 Location and arrangement max no 15 Seats row 5 single & dual & single seat,  
 removable added back
- 8) Cotter Point 11.1. Class and type of the coupling device(s): component approval number revised
- 9) Part III revised
- 10) Attachments revised
- 11) Test results revised
- 12) Editorial Changes

### SECTION I

0.1. Make (trade name of manufacturer): Ford

0.2. Type: FBD

0.2.1 Commercial name(s) <sup>(2)</sup>: Transit

0.3. Means of identification of type, if marked on the vehicle: On the manufacturer's plate

0.3.1. Location of that marking: Manufacturer's plate and bodywork

0.4. Category of vehicle <sup>(3)</sup>: M2

0.5. Company name and address of manufacturer of the complete/~~completed~~ vehicle <sup>(1)</sup>:

Ford-Werke GmbH  
Henry-Ford-Straße 1  
50735 Koeln  
Germany

0.5.1. For multi-stage approved vehicles, company name and address of the manufacturer of the base/previous stage(s) vehicle: Not applicable

0.8. Name(s) and address(es) of assembly plant(s):

Ford Otomotiv Sanayi A.S.  
Denizevler Mahallesi Ali Ucar Caddesi No. 53  
Golcuk, Kocaeli  
Turkey

0.9. Name and address of the manufacturer's representative (if any): Not applicable

## SECTION II

The undersigned hereby certifies the accuracy of the manufacturer's description in the attached information document of the vehicle(s) described above ((a) sample(s) having been selected by the EC type-approval authority and submitted by the manufacturer as prototype(s) of the vehicle type) and that the attached test results are applicable to the vehicle type.

1. For complete ~~and completed vehicles~~ / variants <sup>(1)</sup>:

The vehicle type meets / ~~does not meet~~ <sup>(1)</sup> the technical requirements of all the relevant regulatory acts as prescribed in Annex IV and ~~Annex XI~~ <sup>(1) (4)</sup> to Directive 2007/46/EC.

2. For incomplete vehicles / variants <sup>(1)</sup>:

The vehicle type meets / ~~does not meet~~ <sup>(1)</sup> the technical requirements of the regulatory acts listed in the table on side 2.

3. The approval is GRANTED / ~~REFUSED / WITHDRAWN~~ <sup>(1)</sup>

4. ~~The approval is granted in accordance with Article 20 and the validity of the approval is thus limited to dd/mm/yy.~~

Place: Borlänge

Signature:   
Anna-Karin Bergström  
Head of Section Vehicle Type Approval

Date: 20 December 2022

Attachments: Information package

Test results (see Annex VIII)

Name(s) and specimen(s) of the signature(s) of the person(s) authorised to sign certificates of conformity and a statement of their position in the company.

NB: If this model is used for type-approval pursuant to Articles 20, 22 or 23, it may not bear the heading, "EC Vehicle Type-Approval Certificate" except:

- in the case mentioned in Article 20 where the Commission has decided to allow a Member State to grant a type-approval in accordance with this Directive.

In the case of vehicles of the category M1, type-approved according to the procedure prescribed in Article 22.

## Side 2

This EC type-approval is, where incomplete and completed vehicles, variants or versions are concerned, based on the approval(s) for incomplete vehicles listed below:

Stage 1: Manufacturer of the base vehicle: Not applicable

EC type-approval number:

Dated:

Applicable to variants or versions (as appropriate):

Stage 2: Manufacturer: Not applicable

EC type-approval number:

Dated:

Applicable to variants or versions (as appropriate):

Stage 3: Manufacturer: Not applicable

EC type-approval number:

Dated:

Applicable to variants or versions (as appropriate):

In the case where the approval includes one or more incomplete variants or versions (as appropriate), list those variants or versions (as appropriate) which are complete or completed.

Complete / ~~completed~~ variant(s): BKHA2DCX, BKHA2DDX, BLHA2DCX, BLHA2DDX

List of requirements applicable to the approved incomplete vehicle type, variant or version (as appropriate, taking account of the scope and latest amendment to each of the regulatory acts listed below).

| Item | Subject                                                                                         | Regulatory act reference | Last amended | Applicable to variant or, if need be, to version |
|------|-------------------------------------------------------------------------------------------------|--------------------------|--------------|--------------------------------------------------|
| 1A   | Permissible sound level                                                                         | ECE R51.03               | -            | BKHA?D?Y/<br>BLHA?D?Y/                           |
| 3A   | Prevention of fire risks (liquid fuel tanks)                                                    | ECE R34.03               | -            | ?????D?Y/                                        |
| 3B   | Rear underrun protective devices (RUPDs) and their installation, rear underrun protection (RUP) | ECE R58.03               | -            | ?????D?Y/                                        |

|     |                                                                                    |              |             |                                                                                                                                                                                           |
|-----|------------------------------------------------------------------------------------|--------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4A  | Space for mounting and fixing rear registration plates                             | EU/1003/2010 | EU/2015/166 | ?????D?Y/                                                                                                                                                                                 |
| 5A  | Steering Equipment                                                                 | ECE R79.03   | -           | ?????D?Y/                                                                                                                                                                                 |
| 7A  | Audible warning devices and signals                                                | ECE R28.00   | -           | ?????D?Y/                                                                                                                                                                                 |
| 8A  | Devices for indirect vision and their installation                                 | ECE R46.04   | -           | ?????D?Y/                                                                                                                                                                                 |
| 9A  | Braking of vehicles and trailers                                                   | ECE R13.11   | -           | ?????D?Y/C?M???A?F?????<br>?????D?Y/C?R???A?F?????<br>?????D?Y/T?M???A?F?????<br>?????D?Y/Z?M???A?F?????<br>?????D?Y/Y?M???B?H?????<br>?????D?Y/Y?R???B?H?????<br>?????D?Y/Z?R???A?J????? |
| 10A | Electromagnetic compatibility                                                      | ECE R10.06   | -           | ?????D?Y/                                                                                                                                                                                 |
| 13A | Protection of motor vehicles against unauthorised use                              | ECE R116.00  | -           | ?????D?Y/                                                                                                                                                                                 |
| 15A | Seats, their anchorages and any head restraints                                    | ECE R17.09   | -           | ?????D?Y/                                                                                                                                                                                 |
| 17A | Vehicle access and manoeuvrability                                                 | EU/130/2012  | EU/130/2012 | ?????D?Y/                                                                                                                                                                                 |
| 17B | Speedometer equipment including its installation                                   | ECE R39.01   | -           | ?????D?Y/                                                                                                                                                                                 |
| 18A | Statutory plates                                                                   | EU/19/2011   | EU/249/2012 | ?????D?Y/                                                                                                                                                                                 |
| 19A | Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages | ECE R14.07   | -           | ?????D?Y/                                                                                                                                                                                 |
| 20A | Installation of lighting and light-signalling devices on vehicles                  | ECE R48.04   | -           | ?????DCY/<br>?????DDY/                                                                                                                                                                    |

|     |                                                                                                                            |         |  |  |
|-----|----------------------------------------------------------------------------------------------------------------------------|---------|--|--|
| 21A | Retro-reflecting devices for power-driven vehicles and their trailers                                                      | See 20A |  |  |
| 22A | Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers               | See 20A |  |  |
| 22B | Daytime running lamps for power-driven vehicles                                                                            | See 20A |  |  |
| 22C | Side-marker lamps for motor vehicles and their trailers                                                                    | See 20A |  |  |
| 23A | Direction indicators for power-driven vehicles and their trailers                                                          | See 20A |  |  |
| 24A | Illumination of rear-registration plates of power-driven vehicles and their trailers                                       | See 20A |  |  |
| 25A | Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both | See 20A |  |  |
| 25B | Filament lamps for use in approved lamp units of power-driven vehicles and their trailers                                  | See 20A |  |  |
| 25C | Motor vehicle headlamps equipped with gas-discharge light sources                                                          | See 20A |  |  |

|     |                                                                                                                                             |                 |                   |                        |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|------------------------|
| 25D | Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles                                           | See 20A         |                   |                        |
| 25E | Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules | See 20A         |                   |                        |
| 25F | Adaptive front-lighting systems (AFS) for motor vehicles                                                                                    | See 20A         |                   |                        |
| 26A | Power-driven vehicle front fog lamps                                                                                                        | See 20A         |                   |                        |
| 27A | Towing Device                                                                                                                               | EU/2021/535/VII | 2021/535          | ?????D?Y/              |
| 28A | Rear fog lamps for power-driven vehicles and their trailers                                                                                 | See 20A         |                   |                        |
| 29A | Reversing lights for power-driven vehicles and their trailers                                                                               | See 20A         |                   |                        |
| 30A | Parking lamps for power-driven vehicles                                                                                                     | See 20A         |                   |                        |
| 31A | Safety belts and restrain systems                                                                                                           | ECE R16.08      | -                 | ?????D?Y/              |
| 33A | Location and Identification of hand controls, tell-tales and indicators                                                                     | ECE R121.01     | -                 | ?????D?Y/              |
| 36A | Heating systems                                                                                                                             | ECE R122.00     | -                 | ?????D?Y/              |
| 41A | Emissions (Euro VI) heavy duty vehicles/access to information                                                                               | EU/595/2009     | EU/2019/1939<br>E | BKHA?D?Y/<br>BLHA?D?Y/ |
| 45A | Safety glazing materials and their installation on vehicles                                                                                 | ECE R43.01      | -                 | ?????D?Y/              |

|     |                                                                                                       |                   |          |                                                                                                                                                                                                                                                 |
|-----|-------------------------------------------------------------------------------------------------------|-------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 46A | Installation of tyres                                                                                 | ECE 142.01        | -        | ?????D?Y/                                                                                                                                                                                                                                       |
| 46C | Pneumatic tyres for commercial vehicles and their trailers (Classes C2 and C3)                        | See item 46A.     |          |                                                                                                                                                                                                                                                 |
| 46D | Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C1, C2 and C3) | See item 46A.     |          |                                                                                                                                                                                                                                                 |
| 47A | Speed limitation of vehicles                                                                          | ECE R89.00        | -        | ?????D?Y/                                                                                                                                                                                                                                       |
| 48A | Masses and dimensions                                                                                 | EU/2021/535/XII I | 2021/535 | ?????D?Y/                                                                                                                                                                                                                                       |
| 50A | Mechanical couplings components of combinations of vehicles                                           | ECE R55.02        | -        | ?????D?Y /C???AH?????AB<br>?????D?Y /C???AH?????AC<br>?????D?Y /C???AH?????AP<br>?????D?Y /C???JH?????AB<br>?????D?Y /C???JH?????AP<br>?????D?Y /C???KH?????AB<br>?????D?Y /Y???AH?????AB<br>?????D?Y /Y???JH?????AB<br>?????D?Y /Y???KH?????AB |
| 52A | M2 and M3 Vehicles                                                                                    | ECE R107.08       | -        | ?????D?Y /?C???A?????AB<br>?????D?Y /?C???A?????AC<br>?????D?Y /?C???K?????AB<br>?????D?Y /?F???A?????AB<br>?????D?Y /?F???K?????AB<br>?????D?Y /?H???A?????AB<br>?????D?Y /?H???K?????AB<br>?????D?Y /?J???A?????AB<br>?????D?Y /?J???K?????AB |
| 52B | Strength of the superstructure of large passenger vehicles                                            | ECE R66.02        | -        | ?????D?Y/<br>/?J?????????AB                                                                                                                                                                                                                     |
| 65  | Advanced emergency braking system                                                                     | ECE R131.01       | -        | ?????D?Y/BKHA????<br>?????D?Y/BLHA????                                                                                                                                                                                                          |
| 66  | Lane departure warning system                                                                         | ECE R130.00       | -        | ?????D?Y/                                                                                                                                                                                                                                       |

(List only subjects for which an EC type-approval exists)

In the case of special purpose vehicles, exemptions granted or special provisions applied pursuant to Annex XI and exemptions granted pursuant to Article 20: Not applicable

| Regulatory act reference | Item Number | Kind of approval and nature of exemption | Applicable to variant or, if need be, to version |
|--------------------------|-------------|------------------------------------------|--------------------------------------------------|
|                          |             |                                          |                                                  |

- (1) Delete where not applicable.  
(2) If not available at the time of granting the type-approval, this item shall be completed at the latest when the vehicle is introduced on the market.  
(3) As defined in Annex II.A.  
(4) See side 2.



Information Folder No. : FBD

---

## INFORMATION FOLDER

@

in accordance with Annex II of Commission Implementing Regulation (EU) 2020/683  
as last amended by (EU) 2022/1177  
relating to EC-Type-approval of a vehicle type and with regard to the

### **Type-approval of motor vehicles and their trailers**

(Directive **2007/46/EC** as last amended by Commission Regulation (EU) 2019/543)

e5\*2007/46\*1033\*07





Information Folder No. : FBD

## Index to Information Folder

@

| Description                                                                                                             | Page(s) | Drawing-No.        | Issue date  | Date of revision |
|-------------------------------------------------------------------------------------------------------------------------|---------|--------------------|-------------|------------------|
| Cover Sheet Information Folder                                                                                          | 1-1     | --                 | 15-Mar-2019 | 24-Oct-2022      |
| Index of Information Folder                                                                                             | 2-2     | --                 | 15-Mar-2019 | 24-Oct-2022      |
| Type-Variant-Version Overview                                                                                           | 3-3     | --                 | 15-Mar-2019 | 24-Oct-2022      |
| Type-Variant-Version Summary                                                                                            | 4-5     | --                 | 15-Mar-2019 | 24-Oct-2022      |
| Information Document                                                                                                    | 6-59    | --                 | 15-Mar-2019 | 24-Oct-2022      |
| Attachment to item 1.1.                                                                                                 | --      | HL-KK31-000056-001 | 11-Jan-2019 |                  |
| Attachment to item 3.2.9.2.1.                                                                                           | --      | HL-GK31-090100-001 | 03-Jun-2015 |                  |
|                                                                                                                         | --      | HL-KK31-090000-002 | 05-Feb-2020 |                  |
| Attachment to item 3.2.9.4.                                                                                             | --      | HL-GK31-090100-001 | 03-Jun-2015 |                  |
| Attachment to item 3.2.12.1.1.                                                                                          | --      | HL-GK21-030804-001 | 03-Jun-2015 |                  |
| Attachment to item 3.2.12.2.10.1.                                                                                       | --      | HL-JK21-090200-004 | 11-Feb-2020 |                  |
| Attachment to item 9.17.1.                                                                                              | --      | HL-BK21-000100-011 | 17-Jan-2012 | 22-Oct-2014      |
|                                                                                                                         | --      | HL-BK21-000100-012 | 17-Jan-2012 | 22-Oct-2014      |
|                                                                                                                         | --      | HL-BK31-000100-014 | 17-Jun-2017 |                  |
| Attachment to item 9.17.2.                                                                                              | --      | HL-BK21-000100-013 | 17-Jan-2012 |                  |
| Attachment to item 11.3.                                                                                                | --      | HL-DK31-020402-001 | 22-Jan-2013 |                  |
|                                                                                                                         | --      | HL-DK31-020402-004 | 22-Jan-2013 |                  |
| Attachment to item Name and specimen of the signature(s) of the person(s) authorized to sign certificates of conformity | --      | HL-0000-SIGN-001   | 29-Apr-2009 | 04-Oct-2022      |

### Reason for extension:

- Information folder as latest amended by (EU) 2022/1177
- Variants/Versions revised according to table Covered Variant/Version - Summary (deleted - crossed out in red, added - underlined in blue)
- Changes on version level:
- Position 21: Name of Fuel revised to Fuel and Brake System; C deleted, F, H; and J added
- Cotter point changes resulting from the revised Covered Variant/Version - Summary will not be marked
- Address of maintenance revised,
- 3.2.8.3.3. Actual Intake system depression revised,
- 8.9. optional EPB added,
- 9.10.3.1.1. Location and arrangement max no 15 Seats row 5 single & dual & single seat, removable added back
- Cotter Point 11.1. Class and type of the coupling device(s): component approval number revised
- Part III revised
- Attachments revised
- Test results revised
- Editorial Changes





Information Folder No. : FBD

## Type-Variant-Version Overview

| Type  | Name               | Explanation                      |
|-------|--------------------|----------------------------------|
| 1 2 4 |                    |                                  |
| F     | Model              | Transit                          |
| B     | Body Type/Category | Van / Bus / Kombi / Kombi-Van M2 |
| D     | Homologation Year  | 2014                             |

| Variant | Name                      | Explanation                                        |
|---------|---------------------------|----------------------------------------------------|
| 5-8     |                           |                                                    |
| BKHA    | Engine Code               | 2.0 I Panther Upgrade Diesel 130PS (96 kW), HDT6   |
| BLHA    | Engine Code               | 2.0 I Panther Upgrade Diesel 165 PS (121 kW), HDT6 |
| 2       | Number/Drive/Steered Axle | 2 / RWD / 1                                        |
| D       | Body Variant              | Bus [CA#KA]                                        |
| C       | Trim Level                | Medium Roof Line [A1FAE]                           |
| D       | Trim Level                | High Roof Line [A1FAC]                             |
| X       | Stage of completion       | Complete [BASAB]                                   |
| Y       | Stage of completion       | Incomplete [BASAC]                                 |

| Version                                | Name                 | Explanation                                 |
|----------------------------------------|----------------------|---------------------------------------------|
| 13 14 15 16 17 18 19 20 21 22-24 25 26 |                      |                                             |
| C                                      | Model Designation    | 410 L [SE#B8]; LWB (Long wheelbase)         |
| T                                      | Model Designation    | 1.7-350M-2T [SE#FM]; MWB (Medium wheelbase) |
| Y                                      | Model Designation    | 460 E [SE#GM]; E (Long wheelbase EF)        |
| Z                                      | Model Designation    | 440 E [SE#GP]; E (Long wheelbase EF)        |
| 3                                      | Max. number of seats | 3                                           |
| C                                      | Max. number of seats | 12                                          |
| F                                      | Max. number of seats | 15                                          |
| H                                      | Max. number of seats | 17                                          |
| J                                      | Max. number of seats | 18                                          |
| R                                      | Transmission         | 10R80 [TR-EU]                               |
| M                                      | Transmission         | MT82 [TR-AX]                                |
| B                                      | Final drive          | 3.31 [EGAFG]                                |
| E                                      | Final drive          | 3.73 [EGAJB]                                |
| A                                      | Packs/SVO            | Standard                                    |
| J                                      | Packs/SVO            | GLASS VAN PACK [AALJH, AALJJ]               |
| K                                      | Packs/SVO            | SVO SCHOOL BUS [AALJD, AALGQ, AALPZ]        |
| S                                      | Front Axle           | FRT GAWR-NORMAL [DYEAB]                     |
| H                                      | Front Axle           | FRT GAWR-MAXIMUM [DYEAD]                    |
| B                                      | Rear Axle            | DUAL REAR WHEEL PACK 2 [J4VAC]              |
| A                                      | Rear Axle            | LESS DUAL REAR WHEEL PACK [J4VAA]           |
| A                                      | Innovation(s)        | No                                          |
| F                                      | Fuel / Brake system  | Diesel / FD-W8A                             |
| H                                      | Fuel / Brake system  | Diesel / FD-W10A                            |
| J                                      | Fuel / Brake system  | Diesel / FD-W11A                            |
| 00Y                                    | CO2 Family/IWC       | 2270 (II)                                   |
| 00Z                                    | CO2 Family/IWC       | 2270 (III)                                  |
| A                                      | Tyre group           | No                                          |
| B                                      | GVM                  | BASE GVM RATING [AA7AB]                     |
| C                                      | GVM                  | REDUCED GVM RATING [AA7AC]                  |
| P                                      | GVM                  | REDUCED GVM – 3950 KG [AA7AY]               |

@





Information Folder No. : FBD

Type: FBD

@

| Covered Variant/Version - Summary |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variant                           | Version                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| BKHA2DCX                          | <del>CGMEAHAAAC00ZAB; TCMBAHAAAC00ZAB; TCMBASAAC00ZAB; TCMEAHAAAC00ZAB; TCMEASAAC00ZAB; CCMEAHAAAF00ZAB; CFMEAHAAAF00ZAB; TCMBAHAAAF00ZAB; TCMBASAFAF00ZAB; TCMEAHAAAF00ZAB; TCMEASAFAF00ZAB</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BKHA2DCY                          | <del>C3MEJHAAC00YAB; C3MEJHAAC00ZAB; C3MEKHAAC00YAB; C3MEKHAAC00ZAB; CCMEAHAAAC00ZAB; CCMEKHAAC00ZAB; T3MBJHAAC00YAB; T3MBJSAAC00YAB; T3MBKHAAC00YAB; T3MBKSAAC00YAB; T3MEJHAAC00YAB; T3MEJSAAC00YAB; T3MEKHAAC00YAB; T3MEKSAAC00YAB; TCMBAHAAAC00YAB; TCMBAHAAAC00ZAB; TCMBASAAC00YAB; TCMBASAAC00ZAB; TCMBKHAAC00YAB; TCMBKHAAC00ZAB; TCMBKSAAC00YAB; TCMBKSAAC00ZAB; TCMEAHAAAC00ZAB; TCMEASAAC00ZAB; TCMEKHAAC00ZAB; TCMEKSAAC00ZAB</del><br><del>C3MEJHAAF00YAB; C3MEJHAAF00ZAB; C3MEKHAAF00YAB; C3MEKHAAF00ZAB; CCMEAHAAAF00ZAB; CCMEKHAAF00ZAB; CFMEAHAAAF00ZAB; CFMEKHAAF00ZAB; T3MBJHAAF00YAB; T3MBJSAAF00YAB; T3MBKHAAF00YAB; T3MBKSAAF00YAB; T3MEJSAAF00YAB; T3MEKSAAF00YAB; TCMBAHAAAF00YAB; TCMBAHAAAF00ZAB; TCMBASAFAF00YAB; TCMBASAFAF00ZAB; TCMBKHAAF00YAB; TCMBKHAAF00ZAB; TCMBKSAAF00YAB; TCMBKSAAF00ZAB; TCMEAHAAAF00ZAB; TCMEASAFAF00ZAB; TCMEKHAAF00ZAB; TCMEKSAAF00ZAB</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BKHA2DDX                          | <del>CCMEAHAAAC00ZAB; YHMEAHBAC00ZAB; YJMEAHBAC00ZAB; CCMEAHAAAF00ZAB; CFMEAHAAAF00ZAB; YHMEAHBAH00ZAB; YJMEAHBAH00ZAB</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| BKHA2DDY                          | <del>C3MEJHAAC00YAB; C3MEJHAAC00ZAB; C3MEKHAAC00YAB; C3MEKHAAC00ZAB; CCMEAHAAAC00ZAB; CCMEKHAAC00ZAB; Y3MEJHBAC00ZAB; Y3MEKHBAC00ZAB; YHMEAHBAC00ZAB; YHMEKHBAC00ZAB; YJMEAHBAC00ZAB; YJMEKHBAC00ZAB</del><br><del>C3MEJHAAF00YAB; C3MEJHAAF00ZAB; C3MEKHAAF00YAB; C3MEKHAAF00ZAB; CCMEAHAAAF00ZAB; CCMEKHAAF00ZAB; CFMEAHAAAF00ZAB; CFMEKHAAF00ZAB; Y3MEJHBAH00ZAB; Y3MEKHBH00ZAB; YHMEAHBAH00ZAB; YHMEKHBH00ZAB; YJMEAHBAH00ZAB; YJMEKHBH00ZAB</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| BLHA2DCX                          | <del>CGMEAHAAAC00ZAB; CCMEAHAAAC00ZAB; CCREAHAAAC00ZAB; TCMBAHAAAC00ZAB; TCMBASAAC00ZAB; TCMEAHAAAC00ZAB; TCMEASAAC00ZAB</del><br><del>CCMEAHAAAF00ZAB; CCMEAHAAAF00ZAB; CCREAHAAAF00ZAB; CFMEAHAAAF00ZAB; CFREAHAAAF00ZAB; TCMBAHAAAF00ZAB; TCMBASAFAF00ZAB; TCMEAHAAAF00ZAB; TCMEASAFAF00ZAB</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| BLHA2DCY                          | <del>C3MEJHAAC00YAB; C3MEJHAAC00ZAB; C3MEKHAAC00YAB; C3MEKHAAC00ZAB; C3REAHAAAC00YAB; C3REAHAAAC00ZAB; C3REJHAAC00YAB; C3REJHAAC00ZAB; C3REJHAAC00YAB; C3REJHAAC00ZAB; C3REJHAAC00YAB; C3REJHAAC00ZAB; C3REKHAAC00YAB; C3REKHAAC00ZAB; CCMEAHAAAC00ZAB; CCMEAHAAAC00ZAB; CCMEKHAAC00ZAB; CCREAHAAAC00ZAB; CCREKHAAC00ZAB; T3MBJHAAC00YAB; T3MBJSAAC00YAB; T3MBKHAAC00YAB; T3MBKSAAC00YAB; T3MEJHAAC00YAB; T3MEJSAAC00YAB; T3MEKHAAC00YAB; T3MEKSAAC00YAB; TCMBAHAAAC00YAB; TCMBAHAAAC00ZAB; TCMBASAAC00YAB; TCMBASAAC00ZAB; TCMBKHAAC00YAB; TCMBKHAAC00ZAB; TCMBKSAAC00YAB; TCMBKSAAC00ZAB; TCMEAHAAAC00ZAB; TCMEASAAC00ZAB; TCMEKHAAC00ZAB; TCMEKSAAC00ZAB</del><br><del>C3MEJHAAF00YAB; C3MEJHAAF00ZAB; C3MEKHAAF00YAB; C3MEKHAAF00ZAB; C3REAHAAAF00YAB; C3REAHAAAF00ZAB; C3REJHAAF00YAB; C3REJHAAF00ZAB; C3REJHAAF00YAB; C3REJHAAF00ZAB; C3REJHAAF00YAB; C3REJHAAF00ZAB; C3REKHAAF00YAB; C3REKHAAF00ZAB; CCMEAHAAAF00ZAB; CCMEAHAAAF00ZAB; CCREAHAAAF00ZAB; CCREKHAAF00ZAB; CFMEAHAAAF00ZAB; CFMEKHAAF00ZAB; CFREAHAAAF00ZAB; CFREKHAAF00ZAB; T3MBJHAAF00YAB; T3MBJSAAF00YAB; T3MBKHAAF00YAB; T3MBKSAAF00YAB; T3MEJHAAF00YAB; T3MEJSAAF00YAB; T3MEKHAAF00YAB; T3MEKSAAF00YAB; TCMBAHAAAF00YAB; TCMBAHAAAF00ZAB; TCMBASAFAF00YAB; TCMBASAFAF00ZAB; TCMBKHAAF00YAB; TCMBKHAAF00ZAB; TCMBKSAAF00YAB; TCMBKSAAF00ZAB; TCMEAHAAAF00ZAB; TCMEASAFAF00ZAB; TCMEKHAAF00ZAB; TCMEKSAAF00ZAB</del> |
| BLHA2DDX                          | <del>CGMEAHAAAC00ZAB; CCMEAHAAAC00ZAB; CCREAHAAAC00ZAB; YHMEAHBAC00ZAB; YHREAHBAC00ZAB; YJMEAHBAC00ZAB; YJREAHBAC00ZAB; ZFMEAHAAAC00ZAB; ZFREAHAAAC00ZAB</del><br><del>CCMEAHAAAF00ZAB; CCMEAHAAAF00ZAB; CCREAHAAAF00ZAB; CFMEAHAAAF00ZAB; CFREAHAAAF00ZAB; YHMEAHBAH00ZAB; YHREAHBAH00ZAB; YJMEAHBAH00ZAB; YJREAHBAH00ZAB; ZFMEAHAAAF00ZAB; ZFREAHAAJ00ZAB</del>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |





Information Folder No. : FBD

| Covered Variant/Version - Summary |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variant                           | Version                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| BLHA2DDY                          | <del>C3MEJHAAC00YAB; C3MEJHAAC00ZAB; C3MEKHAAC00YAB; C3MEKHAAC00ZAB; C3REHAAC00YAP; C3REHAAC00ZAP; C3REJHAAC00YAB; C3REJHAAC00YAP; C3REJHAAC00ZAB; C3REJHAAC00ZAP; C3REKHAAC00YAB; C3REKHAAC00ZAB; CCMEAHAAAC00ZAB; CCMEAHAAAC00ZAC; CCMEKHAAC00ZAB; CCREHAAC00ZAB; CCREKHAAC00ZAB; Y3MEJHBAC00ZAB; Y3MEKHBAC00ZAB; Y3REJHBAC00ZAB; Y3REKHBAC00ZAB; YHMEAHBAC00ZAB; YHMEKHBAC00ZAB; YHREAHBAC00ZAB; YHREKHBAC00ZAB; YJMEAHBAC00ZAB; YJMEKHBAC00ZAB; YJREAHBAC00ZAB; YJREKHBAC00ZAB; Z3MEJHAAC00ZAB; Z3MEKHAAC00ZAB; Z3REJHAAC00ZAB; Z3REKHAAC00ZAB; ZFMEAHAAAC00ZAB; ZFMEKHAAC00ZAB; ZFREHAHAAC00ZAB; ZFREKHAAC00ZAB</del><br><u>C3MEJHAAF00YAB; C3MEJHAAF00ZAB; C3MEKHAAF00YAB; C3MEKHAAF00ZAB; C3REAHAAF00YAP; C3REAHAAF00ZAP; C3REJHAAF00YAB; C3REJHAAF00YAP; C3REJHAAF00ZAB; C3REJHAAF00ZAP; C3REKHAAF00YAB; C3REKHAAF00ZAB; CCMEAHAAF00ZAB; CCMEAHAAF00ZAC; CCMEKHAAF00ZAB; CCREAHAAF00ZAB; CCREKHAAF00ZAB; CFMEAHAAF00ZAB; CFMEKHAAF00ZAB; CFREAHAAF00ZAB; CFREKHAAF00ZAB; Y3MEJHBAH00ZAB; Y3MEKHBAH00ZAB; Y3REJHBAH00ZAB; Y3REKHBAH00ZAB; YHMEAHBAH00ZAB; YHMEKHBAH00ZAB; YHREAHBAH00ZAB; YHREKHBAH00ZAB; YJMEAHBAH00ZAB; YJMEKHBAH00ZAB; YJREAHBAH00ZAB; YJREKHBAH00ZAB; Z3MEJHAAF00ZAB; Z3MEKHAAF00ZAB; Z3REJHAAJ00ZAB; Z3REKHAAJ00ZAB; ZFMEAHAAF00ZAB; ZFMEKHAAF00ZAB; ZFREAHAAJ00ZAB; ZFREKHAAJ00ZAB</u> |





## Information Document Part I + II





**Information Folder No. : FBD**

---

**0. GENERAL**

0.1. Make (trade name of manufacturer): FORD

0.2. Type: FBD

0.2.1. Commercial name(s) (if available):

|      |                    |
|------|--------------------|
| Body | Commercial Name(s) |
| Bus  | Transit            |

0.2.2. For multi-stage approved vehicles, type-approval information of the base/previous stage vehicle (list the information for each stage. This can be done with a matrix):

Type/Variant(s)/Version(s)/Type-approval number, including extension number:

Not applicable

0.2.2.1. Allowed Parameter Values for multistage type approval to use the base vehicle emission values (insert range if applicable)

Final Vehicle mass (in kg), Frontal area for final Vehicle (in cm<sup>2</sup>), Rolling resistance (kg/t), Cross-sectional area of air entrance of the front grille (in cm<sup>2</sup>):

Not applicable

0.2.3. Identifiers:

0.2.3.1. Interpolation family's identifier:

Not applicable

0.2.3.2. ATCT family's identifier:

Not applicable

0.2.3.3. PEMS family's identifier:

Not applicable

0.2.3.4. Roadload family's identifier

0.2.3.4.1. Roadload family of VH:

Not applicable

0.2.3.4.2. Roadload family of VL:

Not applicable



**Information Folder No. : FBD**

---

|            |                                                                                                                        |                                                                   |
|------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| 0.2.3.4.3. | Roadload families applicable in the interpolation family:                                                              | Not applicable                                                    |
| 0.2.3.5.   | Roadload Matrix family's identifier:                                                                                   | Not applicable                                                    |
| 0.2.3.6.   | Periodic regeneration family's identifier:                                                                             | Not applicable                                                    |
| 0.2.3.7.   | Evaporative test family's identifier:                                                                                  | Not applicable                                                    |
| 0.2.3.8.   | OBD family's identifier:                                                                                               | Not applicable                                                    |
| 0.2.3.9.   | Other family's identifier:                                                                                             | Not applicable                                                    |
| 0.3.       | Means of identification of type, if marked on the vehicle/component/separate technical unit:                           | On manufacturer's plate                                           |
| 0.3.1.     | Location of that marking:                                                                                              | Manufacturer's plate and bodywork                                 |
| 0.4.       | Category of vehicle:                                                                                                   | M2                                                                |
| 0.4.1.     | Classification(s) according to the dangerous goods which the vehicle is intended to transport:                         | Not applicable                                                    |
| 0.5.       | Company name and address of manufacturer:                                                                              | Ford-Werke GmbH<br>Henry-Ford-Strasse 1<br>50735 Koeln<br>Germany |
| 0.5.1.     | For multi-stage approved vehicles, company name and address of the manufacturer of the base/previous stage(s) vehicle: | Not applicable                                                    |





**Information Folder No. : FBD**

---

0.8. Name(s) and address(es) of assembly plant(s):

Ford Otomotiv Sanayi A.S.  
Denizevler Mahallesi Ali Ucar Caddesi No:53  
Golcuk / KOCAELI  
Turkey

0.9. Name and address of the manufacturer's representative (if any):

Not applicable





Information Folder No. : FBD

1. GENERAL CONSTRUCTION CHARACTERISTICS

- 1.1. Photographs and/or drawings of a representative vehicle/component/ separate technical unit:

See attachment

- 1.3. Number of axles and wheels:

Axles: 2  
Wheels: 4 or 6

- 1.3.1. Number and position of axles with twin wheels:

Number: 1  
Position: Axle 2

- 1.3.2. Number and position of steered axles:

Number: 1  
Position: Axle 1

- 1.3.3. Powered axles (number, position, interconnection):

| Version       | Number | Position | Interconnection |
|---------------|--------|----------|-----------------|
| ??M?????????? | 1      | Axle 2   | Not applicable  |
| ??R?????????? | 1      | Axle 2   | Not applicable  |

- 1.4. Chassis (if any) (overall drawing):

Not applicable

- 1.6. Position and arrangement of the engine:

| Variant  | Position | Arrangement  |
|----------|----------|--------------|
| BKHA???? | Front    | Longitudinal |
| BLHA???? | Front    | Longitudinal |

- 1.8. Hand of drive:

Left or Right hand drive

- 1.8.1. Vehicle **is** equipped to be driven in right/left hand traffic

- 1.9. Specify if the towing vehicle is intended to tow semi-trailers or other trailers and, if the trailer is a semi-, drawbar-, centre-axle- or rigid drawbar trailer:

Towing vehicle: optional  
Trailer type: centre-axle, drawbar



**Information Folder No. : FBD**

---

- 1.10. Specify if the vehicle is specially designed  
for the controlled- temperature carriage of  
goods: no
- 1.11. Specify if the vehicle is  
non-automated/automated/fully  
automated non-automated





Information Folder No. : FBD

2. **MASSES AND DIMENSIONS**  
(in kg and mm) (Refer to drawing where applicable)

2.1. Wheelbase(s) (fully loaded):

2.1.1. Two-axle vehicles:

| Variant | Version         | Wheelbase |
|---------|-----------------|-----------|
| ????D?? | C?????????????? | 3750      |
|         | T?????????????? | 3300      |
|         | Y?????????????? | 3750      |
|         | Z?????????????? | 3750      |

2.1.2. Vehicles with three or more axles:

Not applicable

2.1.2.1. Axle spacing between consecutive axles  
going from the foremost to the rearmost  
axle:

Not applicable

2.1.2.2. Total axle spacing:

Not applicable

2.3.1. Track of each steered axle:

1732 to 1740

2.3.2. Track of all other axles:

1670 to 1743

2.4. Range of vehicle dimensions (overall)

2.4.1. For chassis without bodywork

2.4.1.1.et seqq.

Not applicable

2.4.2. For chassis with bodywork

2.4.2.1. Length:

| Variant | Version         | Length |
|---------|-----------------|--------|
| ??????? | C?????????????? | 5981   |
|         | T?????????????? | 5531   |
|         | Y?????????????? | 6704   |
|         | Z?????????????? | 6704   |



**Information Folder No. : FBD**

2.4.2.1.1. Length of the loading area:

| Variant | Version      | Length         |
|---------|--------------|----------------|
| ????D?X | CC?????????? | Not applicable |
| ????D?X | CF?????????? | Not applicable |
| ????D?X | TC?????????? | Not applicable |
| ????D?X | YH?????????? | Not applicable |
| ????D?X | YJ?????????? | Not applicable |
| ????D?X | ZF?????????? | Not applicable |
| ????D?Y | C3?????????? | Not applicable |
| ????D?Y | CC?????????? | Not applicable |
| ????D?Y | CF?????????? | Not applicable |
| ????D?Y | T3?????????? | Not applicable |
| ????D?Y | TC?????????? | Not applicable |
| ????D?Y | Y3?????????? | Not applicable |
| ????D?Y | YH?????????? | Not applicable |
| ????D?Y | YJ?????????? | Not applicable |
| ????D?Y | Z3?????????? | Not applicable |
| ????D?Y | ZF?????????? | Not applicable |

2.4.2.1.3. Elongated cab complying to Article 9a of Directive 96/53/EC:

no

2.4.2.2. Width:

| Variant | Version     | Width |
|---------|-------------|-------|
| ????DCX | ????A?????? | 2059  |
| ????DCY | ????A?????? | 2059  |
| ????DDX | ????A?????? | 2059  |
|         | ????B?????? | 2126  |
| ????DDY | ????A?????? | 2059  |
|         | ????B?????? | 2126  |

2.4.2.2.1. Thickness of the walls (in the case of vehicles designed for controlled-temperature transport of goods):

Not applicable



Information Folder No. : FBD

- 2.4.2.3. Height in running order (for suspensions adjustable for height, indicate normal running position):

| Variant  | Version        | Height |
|----------|----------------|--------|
| ?????DCX | CCM?AHA??????B | 2524   |
|          | CCM?AHA??????C | 2524   |
|          | CCR?AHA??????B | 2524   |
|          | CFM?AHA??????B | 2524   |
|          | CFR?AHA??????B | 2524   |
|          | TCM?AHA??????B | 2494   |
|          | TCM?ASA??????B | 2494   |
| ?????DCY | C3M?JHA??????B | 2524   |
|          | C3M?KHA??????B | 2524   |
|          | C3R?AHA??????P | 2524   |
|          | C3R?JHA??????B | 2524   |
|          | C3R?JHA??????P | 2524   |
|          | C3R?KHA??????B | 2524   |
|          | CCM?AHA??????B | 2524   |
|          | CCM?AHA??????C | 2524   |
|          | CCM?KHA??????B | 2524   |
|          | CCR?AHA??????B | 2524   |
|          | CCR?KHA??????B | 2524   |
|          | CFM?AHA??????B | 2524   |
|          | CFM?KHA??????B | 2524   |
|          | CFR?AHA??????B | 2524   |
|          | CFR?KHA??????B | 2524   |
|          | T3M?JHA??????B | 2494   |
|          | T3M?JSA??????B | 2494   |
|          | T3M?KHA??????B | 2494   |
|          | T3M?KSA??????B | 2494   |
|          | TCM?AHA??????B | 2494   |
|          | TCM?ASA??????B | 2494   |
|          | TCM?KHA??????B | 2494   |
|          | TCM?KSA??????B | 2494   |
| ?????DDX | CCM?AHA??????B | 2763   |
|          | CCM?AHA??????C | 2763   |
|          | CCR?AHA??????B | 2763   |
|          | CFM?AHA??????B | 2763   |
|          | CFR?AHA??????B | 2763   |
|          | YHM?AHB??????B | 2746   |
|          | YHR?AHB??????B | 2746   |
|          | YJM?AHB??????B | 2746   |
|          | YJR?AHB??????B | 2746   |
|          | ZFM?AHA??????B | 2759   |
|          | ZFR?AHA??????B | 2759   |

Information Folder No. : FBD

| Variant  | Version        | Height |
|----------|----------------|--------|
| ?????DDY | C3M?JHA??????B | 2763   |
|          | C3M?KHA??????B | 2763   |
|          | C3R?AHA??????P | 2763   |
|          | C3R?JHA??????B | 2763   |
|          | C3R?JHA??????P | 2763   |
|          | C3R?KHA??????B | 2763   |
|          | CCM?AHA??????B | 2763   |
|          | CCM?AHA??????C | 2763   |
|          | CCM?KHA??????B | 2763   |
|          | CCR?AHA??????B | 2763   |
|          | CCR?KHA??????B | 2763   |
|          | CFM?AHA??????B | 2763   |
|          | CFM?KHA??????B | 2763   |
|          | CFR?AHA??????B | 2763   |
|          | CFR?KHA??????B | 2763   |
|          | Y3M?JHB??????B | 2746   |
|          | Y3M?KHB??????B | 2746   |
|          | Y3R?JHB??????B | 2746   |
|          | Y3R?KHB??????B | 2746   |
|          | YHM?AHB??????B | 2746   |
|          | YHM?KHB??????B | 2746   |
|          | YHR?AHB??????B | 2746   |
|          | YHR?KHB??????B | 2746   |
|          | YJM?AHB??????B | 2746   |
|          | YJM?KHB??????B | 2746   |
|          | YJR?AHB??????B | 2746   |
|          | YJR?KHB??????B | 2746   |
|          | Z3M?JHA??????B | 2759   |
|          | Z3M?KHA??????B | 2759   |
|          | Z3R?JHA??????B | 2759   |
|          | Z3R?KHA??????B | 2759   |
|          | ZFM?AHA??????B | 2759   |
|          | ZFM?KHA??????B | 2759   |
|          | ZFR?AHA??????B | 2759   |
|          | ZFR?KHA??????B | 2759   |

2.5. Minimum mass on the steering axle(s) for incomplete vehicles:

see item 2.6.



Information Folder No. : FBD

2.6. Mass in Running Order

(a) Minimum and maximum for each variant:

Not applicable

(b) mass of each version (a matrix must be provided):

| Variant  | Version        | 2.6.         | 2.6.1.    |           | 2.8. | 2.8.1.    |           | 2.9.   |        | 2.11.1.<br>2.11.3. | 2.11.5 | 2.6.2. |
|----------|----------------|--------------|-----------|-----------|------|-----------|-----------|--------|--------|--------------------|--------|--------|
|          |                | Min. to Max. | Axle 1    | Axle 2    | GVM  | Axle 1    | Axle 2    | Axle 1 | Axle 2 | Max. trailer       | GTM    |        |
| BKHA2DCX | CCMEAHAAF00ZAB | 2586-2841    | 1364-1471 | 1222-1370 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 255    |
| BKHA2DCX | CFMEAHAAF00ZAB | 2586-2992    | 1321-1460 | 1265-1532 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 406    |
| BKHA2DCX | TCMBAHAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 115    |
| BKHA2DCX | TCMBASAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 115    |
| BKHA2DCX | TCMEAHAAF00ZAB | 2586-2718    | 1332-1379 | 1254-1339 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 132    |
| BKHA2DCX | TCMEASAAF00ZAB | 2586-2718    | 1332-1379 | 1254-1339 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 132    |
| BKHA2DCY | C3MEJHAAF00YAB | 2467-2585    | 1365-1430 | 1102-1155 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 118    |
| BKHA2DCY | C3MEJHAAF00ZAB | 2586-2721    | 1431      | 1155-1290 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 135    |
| BKHA2DCY | C3MEKHAAF00YAB | 2467-2585    | 1365-1430 | 1102-1155 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 118    |
| BKHA2DCY | C3MEKHAAF00ZAB | 2586-2721    | 1431      | 1155-1290 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 135    |
| BKHA2DCY | CCMEAHAAF00ZAB | 2586-2841    | 1364-1471 | 1222-1370 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 255    |
| BKHA2DCY | CCMEKHAAF00ZAB | 2586-2841    | 1364-1471 | 1222-1370 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 406    |
| BKHA2DCY | CFMEAHAAF00ZAB | 2586-2992    | 1321-1460 | 1265-1532 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 406    |
| BKHA2DCY | CFMEKHAAF00ZAB | 2586-2992    | 1321-1460 | 1265-1532 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 406    |
| BKHA2DCY | T3MBJSAAF00YAB | 2356-2531    | 1305-1354 | 1051-1177 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 175    |
| BKHA2DCY | T3MBKSAAF00YAB | 2356-2531    | 1305-1354 | 1051-1177 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 175    |
| BKHA2DCY | T3MBKSAAF00ZAB | 2356-2531    | 1305-1354 | 1051-1177 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 175    |
| BKHA2DCY | T3MBKSAAF00YAB | 2356-2531    | 1305-1354 | 1051-1177 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 175    |
| BKHA2DCY | T3MEJHAAF00YAB | 2356-2548    | 1296-1354 | 1060-1194 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 192    |
| BKHA2DCY | T3MEJSAAF00YAB | 2356-2548    | 1296-1354 | 1060-1194 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 192    |
| BKHA2DCY | T3MEKHAAF00YAB | 2356-2548    | 1296-1354 | 1060-1194 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 192    |
| BKHA2DCY | T3MEKHAAF00ZAB | 2356-2548    | 1296-1354 | 1060-1194 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 192    |
| BKHA2DCY | TCMBAHAAF00YAB | 2579-2585    | 1337-1340 | 1242-1245 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 6      |
| BKHA2DCY | TCMBAHAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 115    |
| BKHA2DCY | TCMBASAAF00YAB | 2579-2585    | 1337-1340 | 1242-1245 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 6      |
| BKHA2DCY | TCMBASAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 115    |
| BKHA2DCY | TCMBKHAAF00YAB | 2579-2585    | 1337-1340 | 1242-1245 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 6      |
| BKHA2DCY | TCMBKHAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 115    |
| BKHA2DCY | TCMBKSAAF00YAB | 2579-2585    | 1337-1340 | 1242-1245 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 6      |
| BKHA2DCY | TCMBKSAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 115    |
| BKHA2DCY | TCMEAHAAF00ZAB | 2586-2718    | 1332-1379 | 1254-1339 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 132    |
| BKHA2DCY | TCMEASAAF00ZAB | 2586-2718    | 1332-1379 | 1254-1339 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 132    |
| BKHA2DCY | TCMEKHAAF00ZAB | 2586-2718    | 1332-1379 | 1254-1339 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 132    |
| BKHA2DCY | TCMEKSAAF00ZAB | 2586-2718    | 1332-1379 | 1254-1339 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 132    |
| BKHA2DDX | CCMEAHAAF00ZAB | 2586-2886    | 1352-1482 | 1234-1404 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 300    |
| BKHA2DDX | CFMEAHAAF00ZAB | 2586-3037    | 1309-1471 | 1277-1566 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 1700               | 5700   | 451    |
| BKHA2DDX | YHMEAHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 2000-2200          | 5550   | 788    |
| BKHA2DDX | YJMEAHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | N/A                | N/A    | 788    |
| BKHA2DDY | C3MEJHAAF00YAB | 2512-2585    | 1376-1416 | 1136-1169 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 73     |
| BKHA2DDY | C3MEJHAAF00ZAB | 2586-2766    | 1417-1442 | 1169-1324 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 180    |
| BKHA2DDY | C3MEKHAAF00YAB | 2512-2585    | 1376-1416 | 1136-1169 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 73     |
| BKHA2DDY | C3MEKHAAF00ZAB | 2586-2766    | 1417-1442 | 1169-1324 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 180    |
| BKHA2DDY | CCMEAHAAF00ZAB | 2586-2886    | 1352-1482 | 1234-1404 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 300    |
| BKHA2DDY | CCMEKHAAF00ZAB | 2586-2886    | 1352-1482 | 1234-1404 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 5700   | 300    |
| BKHA2DDY | CFMEAHAAF00ZAB | 2586-3037    | 1309-1471 | 1277-1566 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 1700               | 5700   | 451    |
| BKHA2DDY | CFMEKHAAF00ZAB | 2586-3037    | 1309-1471 | 1277-1566 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 1700               | 5700   | 451    |
| BKHA2DDY | Y3MEJHBAH00ZAB | 2586-3041    | 1208-1388 | 1378-1653 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 2350               | 5550   | 455    |
| BKHA2DDY | Y3MEKHBAH00ZAB | 2586-3041    | 1208-1388 | 1378-1653 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 2350               | 5550   | 455    |
| BKHA2DDY | YHMEAHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 2000-2200          | 5550   | 788    |
| BKHA2DDY | YHMEKHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 2000-2200          | 5550   | 788    |
| BKHA2DDY | YJMEAHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | N/A                | N/A    | 788    |
| BKHA2DDY | YJMEKHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | N/A                | N/A    | 788    |
| BLHA2DCX | CCMEAHAAF00ZAB | 2586-2841    | 1364-1471 | 1222-1370 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 255    |
| BLHA2DCX | CCMEAHAAF00ZAC | 2586-2841    | 1364-1471 | 1222-1370 | 3850 | 1350-1850 | 2000-2500 | 1850   | 2500   | 2600               | 6000   | 255    |
| BLHA2DCX | CCREAHAAF00ZAB | 2586-2896    | 1389-1526 | 1197-1370 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 310    |
| BLHA2DCX | CFMEAHAAF00ZAB | 2586-2992    | 1321-1460 | 1265-1532 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 406    |
| BLHA2DCX | CFREAHAAF00ZAB | 2586-3047    | 1346-1515 | 1240-1532 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 1450               | 5200   | 461    |
| BLHA2DCX | TCMBAHAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 115    |
| BLHA2DCX | TCMBASAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 115    |





Information Folder No. : FBD

| Variant  | Version        | 2.6.         | 2.6.1.    |           | 2.8. | 2.8.1.    |           | 2.9.   |        | 2.11.1.<br>2.11.3. | 2.11.5 | 2.6.2. |
|----------|----------------|--------------|-----------|-----------|------|-----------|-----------|--------|--------|--------------------|--------|--------|
|          |                | Min. to Max. | Axle 1    | Axle 2    | GVM  | Axle 1    | Axle 2    | Axle 1 | Axle 2 | Max. trailer       | GTM    |        |
| BLHA2DCX | TCMEAHAAF00ZAB | 2586-2718    | 1332-1379 | 1254-1339 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 132    |
| BLHA2DCX | TCMEASAAF00ZAB | 2586-2718    | 1332-1379 | 1254-1339 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 132    |
| BLHA2DCY | C3MEJHAAF00YAB | 2467-2585    | 1365-1430 | 1102-1155 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 118    |
| BLHA2DCY | C3MEJHAAF00ZAB | 2586-2721    | 1431      | 1155-1290 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 135    |
| BLHA2DCY | C3MEKHAAF00YAB | 2467-2585    | 1365-1430 | 1102-1155 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 118    |
| BLHA2DCY | C3MEKHAAF00ZAB | 2586-2721    | 1431      | 1155-1290 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 135    |
| BLHA2DCY | C3REAHAAF00YAP | 2486-2585    | 1420-1477 | 1066-1108 | 3950 | 1450-1850 | 2100-2500 | 1850   | 2500   | 3500               | 7000   | 99     |
| BLHA2DCY | C3REAHAAF00ZAP | 2586-2740    | 1477-1486 | 1109-1254 | 3950 | 1450-1850 | 2100-2500 | 1850   | 2500   | 3500               | 7000   | 154    |
| BLHA2DCY | C3REJHAAF00YAB | 2522-2585    | 1420-1455 | 1102-1130 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 63     |
| BLHA2DCY | C3REJHAAF00YAP | 2522-2585    | 1420-1455 | 1102-1130 | 3950 | 1450-1850 | 2100-2500 | 1850   | 2500   | 3500               | 7000   | 63     |
| BLHA2DCY | C3REJHAAF00ZAB | 2586-2776    | 1456-1486 | 1130-1290 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 190    |
| BLHA2DCY | C3REJHAAF00ZAP | 2586-2776    | 1456-1486 | 1130-1290 | 3950 | 1450-1850 | 2100-2500 | 1850   | 2500   | 3500               | 7000   | 190    |
| BLHA2DCY | C3REKHAAF00YAB | 2522-2585    | 1420-1455 | 1102-1130 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 63     |
| BLHA2DCY | C3REKHAAF00ZAB | 2586-2776    | 1456-1486 | 1130-1290 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 190    |
| BLHA2DCY | CCMEAHAAF00ZAB | 2586-2841    | 1364-1471 | 1222-1370 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 255    |
| BLHA2DCY | CCMEAHAAF00ZAC | 2586-2841    | 1364-1471 | 1222-1370 | 3850 | 1350-1850 | 2000-2500 | 1850   | 2500   | 2600               | 6000   | 255    |
| BLHA2DCY | CCMEKHAAF00ZAB | 2586-2841    | 1364-1471 | 1222-1370 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 255    |
| BLHA2DCY | CCREAHAAF00ZAB | 2586-2896    | 1389-1526 | 1197-1370 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 310    |
| BLHA2DCY | CCREKHAAF00ZAB | 2586-2896    | 1389-1526 | 1197-1370 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 310    |
| BLHA2DCY | CFMEAHAAF00ZAB | 2586-2992    | 1321-1460 | 1265-1532 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 406    |
| BLHA2DCY | CFMEKHAAF00ZAB | 2586-2992    | 1321-1460 | 1265-1532 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 406    |
| BLHA2DCY | CFREAHAAF00ZAB | 2586-3047    | 1346-1515 | 1240-1532 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 1450               | 5200   | 461    |
| BLHA2DCY | CFREKHAAF00ZAB | 2586-3047    | 1346-1515 | 1240-1532 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 1450               | 5200   | 461    |
| BLHA2DCY | T3MBJHAAF00YAB | 2356-2531    | 1305-1354 | 1051-1177 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 175    |
| BLHA2DCY | T3MBJSAAF00YAB | 2356-2531    | 1305-1354 | 1051-1177 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 175    |
| BLHA2DCY | T3MBKHAAF00YAB | 2356-2531    | 1305-1354 | 1051-1177 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 175    |
| BLHA2DCY | T3MBKSAAF00YAB | 2356-2531    | 1305-1354 | 1051-1177 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 175    |
| BLHA2DCY | T3MEJHAAF00YAB | 2356-2548    | 1296-1354 | 1060-1194 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 192    |
| BLHA2DCY | T3MEJSAAF00YAB | 2356-2548    | 1296-1354 | 1060-1194 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 192    |
| BLHA2DCY | T3MEKHAAF00YAB | 2356-2548    | 1296-1354 | 1060-1194 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 192    |
| BLHA2DCY | T3MEKSAAF00YAB | 2356-2548    | 1296-1354 | 1060-1194 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 192    |
| BLHA2DCY | TCMBAHAAF00YAB | 2579-2585    | 1337-1340 | 1242-1245 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 6      |
| BLHA2DCY | TCMBAHAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 115    |
| BLHA2DCY | TCMBASAAF00YAB | 2579-2585    | 1337-1340 | 1242-1245 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 6      |
| BLHA2DCY | TCMBASAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 115    |
| BLHA2DCY | TCMBKHAAF00YAB | 2579-2585    | 1337-1340 | 1242-1245 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 6      |
| BLHA2DCY | TCMBKHAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 115    |
| BLHA2DCY | TCMBKSAAF00YAB | 2579-2585    | 1337-1340 | 1242-1245 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 6      |
| BLHA2DCY | TCMBKSAAF00ZAB | 2586-2701    | 1341-1379 | 1245-1322 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 115    |
| BLHA2DCY | TCMEAHAAF00ZAB | 2586-2718    | 1332-1379 | 1254-1339 | 3500 | 1400-1850 | 1650-2100 | 1850   | 2100   | N/A                | N/A    | 132    |
| BLHA2DCY | TCMEASAAF00ZAB | 2586-2718    | 1332-1379 | 1254-1339 | 3500 | 1400-1750 | 1750-2100 | 1750   | 2100   | N/A                | N/A    | 132    |
| BLHA2DDX | CCMEAHAAF00ZAB | 2586-2886    | 1352-1482 | 1234-1404 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 300    |
| BLHA2DDX | CCMEAHAAF00ZAC | 2586-2886    | 1352-1482 | 1234-1404 | 3850 | 1350-1850 | 2000-2500 | 1850   | 2500   | 2600               | 6000   | 300    |
| BLHA2DDX | CCREAHAAF00ZAB | 2586-2941    | 1377-1537 | 1209-1404 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 355    |
| BLHA2DDX | CFMEAHAAF00ZAB | 2586-3037    | 1309-1471 | 1277-1566 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 1700               | 5800   | 451    |
| BLHA2DDX | CFREAHAAF00ZAB | 2586-3092    | 1334-1526 | 1252-1566 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | N/A                | N/A    | 506    |
| BLHA2DDX | YHMEAHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 2050-2250          | 5600   | 788    |
| BLHA2DDX | YHREAHBAH00ZAB | 2586-3429    | 1108-1435 | 1478-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 950                | 5550   | 843    |
| BLHA2DDX | YJMEAHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | N/A                | N/A    | 788    |
| BLHA2DDX | YJREAHBAH00ZAB | 2586-3429    | 1108-1435 | 1478-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | N/A                | N/A    | 843    |
| BLHA2DDX | ZFMEAHAAF00ZAB | 2586-3226    | 1189-1429 | 1397-1797 | 4415 | 1565-1850 | 2565-2850 | 1850   | 2850   | N/A                | N/A    | 640    |
| BLHA2DDX | ZFREAHAAJ00ZAB | 2586-3281    | 1214-1484 | 1372-1797 | 4415 | 1565-1850 | 2565-2850 | 1850   | 2850   | N/A                | N/A    | 695    |
| BLHA2DDY | C3MEJHAAF00YAB | 2512-2585    | 1376-1416 | 1136-1169 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 73     |
| BLHA2DDY | C3MEJHAAF00ZAB | 2586-2766    | 1417-1442 | 1169-1324 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 180    |
| BLHA2DDY | C3MEKHAAF00YAB | 2512-2585    | 1376-1416 | 1136-1169 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 73     |
| BLHA2DDY | C3MEKHAAF00ZAB | 2586-2766    | 1417-1442 | 1169-1324 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 180    |
| BLHA2DDY | C3REAHAAF00YAP | 2531-2585    | 1431-1462 | 1100-1123 | 3950 | 1450-1850 | 2100-2500 | 1850   | 2500   | 3500               | 7000   | 54     |
| BLHA2DDY | C3REAHAAF00ZAP | 2586-2785    | 1462-1497 | 1124-1288 | 3950 | 1450-1850 | 2100-2500 | 1850   | 2500   | 3500               | 7000   | 199    |
| BLHA2DDY | C3REJHAAF00YAB | 2567-2585    | 1431-1441 | 1136-1144 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 18     |
| BLHA2DDY | C3REJHAAF00YAP | 2567-2585    | 1431-1441 | 1136-1144 | 3950 | 1450-1850 | 2100-2500 | 1850   | 2500   | 3500               | 7000   | 18     |
| BLHA2DDY | C3REJHAAF00ZAB | 2586-2821    | 1442-1497 | 1144-1324 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 235    |
| BLHA2DDY | C3REJHAAF00ZAP | 2586-2821    | 1442-1497 | 1144-1324 | 3950 | 1450-1850 | 2100-2500 | 1850   | 2500   | 3500               | 7000   | 235    |
| BLHA2DDY | C3REKHAAF00YAB | 2567-2585    | 1431-1441 | 1136-1144 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 18     |
| BLHA2DDY | C3REKHAAF00ZAB | 2586-2821    | 1442-1497 | 1144-1324 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 235    |
| BLHA2DDY | CCMEAHAAF00ZAB | 2586-2886    | 1352-1482 | 1234-1404 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 300    |
| BLHA2DDY | CCMEAHAAF00ZAC | 2586-2886    | 1352-1482 | 1234-1404 | 3850 | 1350-1850 | 2000-2500 | 1850   | 2500   | 2600               | 6000   | 300    |
| BLHA2DDY | CCMEKHAAF00ZAB | 2586-2886    | 1352-1482 | 1234-1404 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 300    |
| BLHA2DDY | CCMEKHAAF00ZAB | 2586-2886    | 1352-1482 | 1234-1404 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 2500               | 6000   | 300    |
| BLHA2DDY | CCREAHAAF00ZAB | 2586-2941    | 1377-1537 | 1209-1404 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 355    |
| BLHA2DDY | CCREKHAAF00ZAB | 2586-2941    | 1377-1537 | 1209-1404 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 3500               | 7000   | 355    |





Information Folder No. : FBD

| Variant  | Version        | 2.6.         | 2.6.1.    |           | 2.8. | 2.8.1.    |           | 2.9.   |        | 2.11.1.<br>2.11.3. | 2.11.5 | 2.6.2. |
|----------|----------------|--------------|-----------|-----------|------|-----------|-----------|--------|--------|--------------------|--------|--------|
|          |                | Min. to Max. | Axle 1    | Axle 2    | GVM  | Axle 1    | Axle 2    | Axle 1 | Axle 2 | Max. trailer       | GTM    |        |
| BLHA2DDY | CFMEAHAAF00ZAB | 2586-3037    | 1309-1471 | 1277-1566 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 1700               | 5800   | 451    |
| BLHA2DDY | CFMEKHAAF00ZAB | 2586-3037    | 1309-1471 | 1277-1566 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | 1900               | 6000   | 451    |
| BLHA2DDY | CFREAHAAF00ZAB | 2586-3092    | 1334-1526 | 1252-1566 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | N/A                | N/A    | 506    |
| BLHA2DDY | CFREKHAAF00ZAB | 2586-3092    | 1334-1526 | 1252-1566 | 4100 | 1600-1850 | 2250-2500 | 1850   | 2500   | N/A                | N/A    | 506    |
| BLHA2DDY | Y3MEJHBAH00ZAB | 2586-3041    | 1208-1388 | 1378-1653 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 2350               | 5600   | 455    |
| BLHA2DDY | Y3MEKHBAH00ZAB | 2586-3041    | 1208-1388 | 1378-1653 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 2350               | 5600   | 455    |
| BLHA2DDY | Y3REJHBAH00ZAB | 2586-3096    | 1234-1443 | 1352-1653 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 3500               | 7000   | 510    |
| BLHA2DDY | Y3REKHBAH00ZAB | 2586-3096    | 1234-1443 | 1352-1653 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 3500               | 7000   | 510    |
| BLHA2DDY | YHMEAHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 2050-2250          | 5600   | 788    |
| BLHA2DDY | YHMEKHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 2050-2250          | 5600   | 788    |
| BLHA2DDY | YHREAHBAH00ZAB | 2586-3429    | 1108-1435 | 1478-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 950                | 5550   | 843    |
| BLHA2DDY | YHREKHBAH00ZAB | 2586-3429    | 1108-1435 | 1478-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | 950                | 5550   | 843    |
| BLHA2DDY | YJMEAHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | N/A                | N/A    | 788    |
| BLHA2DDY | YJMEKHBAH00ZAB | 2586-3374    | 1082-1380 | 1504-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | N/A                | N/A    | 788    |
| BLHA2DDY | YJREAHBAH00ZAB | 2586-3429    | 1108-1435 | 1478-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | N/A                | N/A    | 843    |
| BLHA2DDY | YJREKHBAH00ZAB | 2586-3429    | 1108-1435 | 1478-1994 | 4600 | 1480-1850 | 2750-3120 | 1850   | 3120   | N/A                | N/A    | 843    |
| BLHA2DDY | Z3MEJHAAF00ZAB | 2586-2962    | 1260-1435 | 1279-1573 | 4415 | 1565-1850 | 2565-2850 | 1850   | 2850   | N/A                | N/A    | 376    |
| BLHA2DDY | Z3MEKHAAF00ZAB | 2586-2955    | 1307-1435 | 1279-1520 | 4415 | 1565-1850 | 2565-2850 | 1850   | 2850   | N/A                | N/A    | 369    |
| BLHA2DDY | Z3REJHAAJ00ZAB | 2586-3010    | 1286-1490 | 1253-1570 | 4415 | 1565-1850 | 2565-2850 | 1850   | 2850   | N/A                | N/A    | 424    |
| BLHA2DDY | Z3REKHAAJ00ZAB | 2586-2999    | 1333-1482 | 1253-1517 | 4415 | 1565-1850 | 2565-2850 | 1850   | 2850   | N/A                | N/A    | 413    |
| BLHA2DDY | ZFMEAHAAF00ZAB | 2586-3226    | 1189-1429 | 1397-1797 | 4415 | 1565-1850 | 2565-2850 | 1850   | 2850   | N/A                | N/A    | 640    |
| BLHA2DDY | ZFMEKHAAF00ZAB | 2586-3226    | 1189-1429 | 1397-1797 | 4415 | 1565-1850 | 2565-2850 | 1850   | 2850   | N/A                | N/A    | 640    |
| BLHA2DDY | ZFREAHAAJ00ZAB | 2586-3281    | 1214-1484 | 1372-1797 | 4415 | 1565-1850 | 2565-2850 | 1850   | 2850   | N/A                | N/A    | 695    |
| BLHA2DDY | ZFREKHAAJ00ZAB | 2586-3281    | 1214-1484 | 1372-1797 | 4415 | 1565-1850 | 2565-2850 | 1850   | 2850   | N/A                | N/A    | 695    |

- 2.6.1. Distribution of this mass among the axles and, in the case of a semi-trailer, a rigid drawbar trailer or a centre-axle trailer, the mass on the coupling:  
(a) minimum and maximum for each variant:

Not applicable

- (b) mass of each version (a matrix must be provided):

see item 2.6.

- 2.6.2. Mass of the optional equipment (see definition in Implementing Regulation (EU) 2021/535, Annex XIII, Part 2, Section A, Point 1.4.):

see item 2.6.

- 2.6.4. Additional mass for alternative propulsion:

Not applicable

- 2.6.5. List of equipment to for alternative propulsion (and indication of the mass of the parts):

Not applicable





**Information Folder No. : FBD**

---

- 2.7. Minimum mass of the completed vehicle as stated by the manufacturer, in the case of an incomplete vehicle:

|         |      |
|---------|------|
| BKHA??Y | 2586 |
| BLHA??Y | 2586 |

- 2.8. Technically permissible maximum laden mass stated by the manufacturer:

see item 2.6.

- 2.8.1. Distribution of this mass among the axles and, in the case of a semi-trailer or centre-axle trailer, load on the coupling point:

see item 2.6.

- 2.9. Technically permissible maximum mass on each axle:

see item 2.6.

- 2.10. Technically permissible mass on each group of axles:

Not applicable

- 2.11. Technically permissible maximum towable mass of the towing vehicle in case of:

- 2.11.1. Drawbar trailer:

see item 2.6.

- 2.11.2. Semi-trailer:

Not applicable

- 2.11.3. Centre-axle trailer:

see item 2.6.

- 2.11.4. Rigid drawbar trailer:

Not applicable

- 2.11.5. Technically permissible maximum laden mass of the combination:

see item 2.6.



Information Folder No. : FBD

2.11.6. Maximum mass of unbraked trailer:

| Variant  | Version       | max. Mass      |
|----------|---------------|----------------|
| BKHA?DC? | C3MEJ???????? | 750            |
|          | C3MEK???????? | 750            |
|          | CCMEA???????? | 750            |
|          | CCMEK???????? | 750            |
|          | CFMEA???????? | 750            |
|          | CFMEK???????? | 750            |
|          | T3MBJ???????? | Not applicable |
|          | T3MBK???????? | Not applicable |
|          | T3MEJ???????? | Not applicable |
|          | T3MEK???????? | Not applicable |
|          | TCMBA???????? | Not applicable |
|          | TCMBK???????? | Not applicable |
|          | TCMEA???????? | Not applicable |
|          | TCMEK???????? | Not applicable |
| BKHA?DD? | C3MEJ???????? | 750            |
|          | C3MEK???????? | 750            |
|          | CCMEA???????? | 750            |
|          | CCMEK???????? | 750            |
|          | CFMEA???????? | 750            |
|          | CFMEK???????? | 750            |
|          | Y3MEJ???????? | 750            |
|          | Y3MEK???????? | 750            |
|          | YHMEA???????? | 750            |
|          | YHMEK???????? | 750            |
|          | YJMEA???????? | Not applicable |
|          | YJMEK???????? | Not applicable |
| BLHA?DC? | C3MEJ???????? | 750            |
|          | C3MEK???????? | 750            |
|          | C3REA???????? | 750            |
|          | C3REJ???????? | 750            |
|          | C3REK???????? | 750            |
|          | CCMEA???????? | 750            |
|          | CCMEK???????? | 750            |
|          | CCREA???????? | 750            |
|          | CCREK???????? | 750            |
|          | CFMEA???????? | 750            |
|          | CFMEK???????? | 750            |
|          | CFREA???????? | 750            |
|          | CFREK???????? | 750            |
|          | T3MBJ???????? | Not applicable |
|          | T3MBK???????? | Not applicable |
|          | T3MEJ???????? | Not applicable |
|          | T3MEK???????? | Not applicable |
|          | TCMBA???????? | Not applicable |
|          | TCMBK???????? | Not applicable |
|          | TCMEA???????? | Not applicable |
|          | TCMEK???????? | Not applicable |

Information Folder No. : FBD

| Variant  | Version       | max. Mass      |
|----------|---------------|----------------|
| BLHA?DD? | C3MEJ???????? | 750            |
|          | C3MEK???????? | 750            |
|          | C3REA???????? | 750            |
|          | C3REJ???????? | 750            |
|          | C3REK???????? | 750            |
|          | CCMEA???????? | 750            |
|          | CCMEK???????? | 750            |
|          | CCREA???????? | 750            |
|          | CCREK???????? | 750            |
|          | CFMEA???????? | 750            |
|          | CFMEK???????? | 750            |
|          | CFREA???????? | Not applicable |
|          | CFREK???????? | Not applicable |
|          | Y3MEJ???????? | 750            |
|          | Y3MEK???????? | 750            |
|          | Y3REJ???????? | 750            |
|          | Y3REK???????? | 750            |
|          | YHMEA???????? | 750            |
|          | YHMEK???????? | 750            |
|          | YHREA???????? | 750            |
|          | YHREK???????? | 750            |
|          | YJMEA???????? | Not applicable |
|          | YJMEK???????? | Not applicable |
|          | YJREA???????? | Not applicable |
|          | YJREK???????? | Not applicable |
|          | Z3MEJ???????? | Not applicable |
|          | Z3MEK???????? | Not applicable |
|          | Z3REJ???????? | Not applicable |
|          | Z3REK???????? | Not applicable |
|          | ZFMEA???????? | Not applicable |
|          | ZFMEK???????? | Not applicable |
|          | ZFREA???????? | Not applicable |
|          | ZFREK???????? | Not applicable |

2.12. Technically permissible maximum mass  
at the coupling point:

2.12.1. Of a towing vehicle:

| Variant  | Version        | Max. vert.<br>load/mass |
|----------|----------------|-------------------------|
| BKHA?DC? | C3MEJ????????B | 112                     |
|          | C3MEK????????B | 112                     |
|          | CCMEA????????B | 112                     |
|          | CCMEK????????B | 112                     |
|          | CFMEA????????B | 112                     |
|          | CFMEK????????B | 112                     |
|          | T3MBJ????????B | Not applicable          |
|          | T3MBK????????B | Not applicable          |
|          | T3MEJ????????B | Not applicable          |
|          | T3MEK????????B | Not applicable          |
|          | TCMBA????????B | Not applicable          |
|          | TCMBK????????B | Not applicable          |
|          | TCMEA????????B | Not applicable          |
|          | TCMEK????????B | Not applicable          |



Information Folder No. : FBD

| Variant  | Version       | Max. vert.<br>load/mass |
|----------|---------------|-------------------------|
| BKHA?DD? | C3MEJ???????B | 112                     |
|          | C3MEK???????B | 112                     |
|          | CCMEA???????B | 112                     |
|          | CCMEK???????B | 112                     |
|          | CFMEA???????B | 69                      |
|          | CFMEK???????B | 69                      |
|          | Y3MEJ???????B | 112                     |
|          | Y3MEK???????B | 112                     |
|          | YHMEA???????B | 94                      |
|          | YHMEK???????B | 94                      |
|          | YJMEA???????B | Not applicable          |
|          | YJMEK???????B | Not applicable          |
| BLHA?DC? | C3MEJ???????B | 112                     |
|          | C3MEK???????B | 112                     |
|          | C3REA???????P | 140                     |
|          | C3REJ???????B | 140                     |
|          | C3REJ???????P | 140                     |
|          | C3REK???????B | 140                     |
|          | CCMEA???????B | 112                     |
|          | CCMEA???????C | 112                     |
|          | CCMEK???????B | 112                     |
|          | CCREA???????B | 140                     |
|          | CCREK???????B | 140                     |
|          | CFMEA???????B | 112                     |
|          | CFMEK???????B | 112                     |
|          | CFREA???????B | 59                      |
|          | CFREK???????B | 59                      |
|          | T3MBJ???????B | Not applicable          |
|          | T3MBK???????B | Not applicable          |
|          | T3MEJ???????B | Not applicable          |
|          | T3MEK???????B | Not applicable          |
|          | TCMBA???????B | Not applicable          |
|          | TCMBK???????B | Not applicable          |
|          | TCMEA???????B | Not applicable          |
|          | TCMEK???????B | Not applicable          |





Information Folder No. : FBD

| Variant  | Version       | Max. vert. load/mass |
|----------|---------------|----------------------|
| BLHA?DD? | C3MEJ???????B | 112                  |
|          | C3MEK???????B | 112                  |
|          | C3REA???????P | 140                  |
|          | C3REJ???????B | 140                  |
|          | C3REJ???????P | 140                  |
|          | C3REK???????B | 140                  |
|          | CCMEA???????B | 112                  |
|          | CCMEA???????C | 112                  |
|          | CCMEK???????B | 112                  |
|          | CCREA???????B | 140                  |
|          | CCREK???????B | 140                  |
|          | CFMEA???????B | 69                   |
|          | CFMEK???????B | 69                   |
|          | CFREA???????B | Not applicable       |
|          | CFREK???????B | Not applicable       |
|          | Y3MEJ???????B | 112                  |
|          | Y3MEK???????B | 112                  |
|          | Y3REJ???????B | 140                  |
|          | Y3REK???????B | 140                  |
|          | YHMEA???????B | 94                   |
|          | YHMEK???????B | 94                   |
|          | YHREA???????B | 39                   |
|          | YHREK???????B | 39                   |
|          | YJMEA???????B | Not applicable       |
|          | YJMEK???????B | Not applicable       |
|          | YJREA???????B | Not applicable       |
|          | YJREK???????B | Not applicable       |
|          | Z3MEJ???????B | Not applicable       |
|          | Z3MEK???????B | Not applicable       |
|          | Z3REJ???????B | Not applicable       |
|          | Z3REK???????B | Not applicable       |
|          | ZFMEA???????B | Not applicable       |
|          | ZFMEK???????B | Not applicable       |
|          | ZFREA???????B | Not applicable       |
|          | ZFREK???????B | Not applicable       |

2.12.2. of a semi-trailer, a centre-axle trailer or a rigid drawbar trailer:

Not applicable





**Information Folder No. : FBD**

---

|         |                                                                                                                                                                                                                                                                       |                |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 2.16.   | Registration/in service maximum permissible masses, vehicle categories M2, M3, N2, N3, O3 and O4 (optional)                                                                                                                                                           |                |
| 2.16.1. | Registration/in service maximum permissible laden mass:                                                                                                                                                                                                               | Not applicable |
| 2.16.2. | Registration/in service maximum permissible mass on each axle and, in the case of a semi-trailer or centre-axle trailer, intended load on the coupling point stated by the manufacturer if lower than the technically permissible maximum mass on the coupling point: | Not applicable |
| 2.16.3. | Registration/in service maximum permissible mass on each group of axles:                                                                                                                                                                                              | Not applicable |
| 2.16.4. | Registration/in service maximum permissible towable mass:                                                                                                                                                                                                             | Not applicable |
| 2.16.5. | Registration/in service maximum permissible mass of the combination:                                                                                                                                                                                                  | Not applicable |
| 2.17.   | Vehicle submitted to multi-stage type-approval (only in the case of incomplete or completed vehicles of category N1 within the scope of Regulation (EC) No 715/2007 of the European Parliament and of the Council):                                                   | No             |
| 2.17.1. | Mass of the base vehicle in running order:                                                                                                                                                                                                                            | Not applicable |
| 2.17.2. | Default added mass, calculated in accordance with section 5 of Annex XII to Commission Regulation (EC) No 692/2008:                                                                                                                                                   | Not applicable |



**Information Folder No. : FBD**

**3. PROPULSION ENERGY CONVERTER**

3.1. Manufacturer of the propulsion energy converter(s):

| Variant  | Manufacturer |
|----------|--------------|
| BKHA???? | Ford         |
| BLHA???? | Ford         |

3.1.1. Manufacturer's code (as marked on the propulsion energy converter or other means of identification):

| Variant  | Engine Code |
|----------|-------------|
| BKHA???? | BKHA        |
| BLHA???? | BLHA        |

3.1.2. Number of the approval certificate (where appropriate), including fuel identification marking: (heavy-duty vehicles only)

| Variant  | Approval-No.                 |
|----------|------------------------------|
| BKHA???? | e5*595/2009*2019/1939E*00094 |
| BLHA???? | e5*595/2009*2019/1939E*00094 |

3.2. Internal combustion engine

3.2.1. Specific Engine Information

3.2.1.1. Working principle:  
Cycle:

| Variant  | Working principle              |
|----------|--------------------------------|
| BKHA???? | Compression ignition, 4 stroke |
| BLHA???? | Compression ignition, 4 stroke |

3.2.1.1.1. Type of dual-fuel engine:

Not applicable

3.2.1.1.2. Gas energy ratio over the hot part of the WHTC test cycle:

Not applicable

3.2.1.2. Number and arrangement of cylinders:

| Variant  | Number and Arrangement |
|----------|------------------------|
| BKHA???? | 4, in line             |
| BLHA???? | 4, in line             |

3.2.1.3. Engine capacity:

| Variant  | Engine Capacity [cm <sup>3</sup> ] |
|----------|------------------------------------|
| BKHA???? | 1995                               |
| BLHA???? | 1995                               |

**Information Folder No. : FBD**

3.2.1.6. Normal engine idling speed:

| Variant  | Version        | Idling speed               |
|----------|----------------|----------------------------|
| BKHA???? | ??M??????????? | 840 ± 10 min <sup>-1</sup> |
| BLHA???? | ??M??????????? | 840 ± 10 min <sup>-1</sup> |
|          | ??R??????????? | 840 ± 10 min <sup>-1</sup> |

3.2.1.6.2. Idle on diesel:

Not applicable

3.2.1.8. Maximum net power (manufacturer's declared value):

| Variant  | Maximum Net Power                   |
|----------|-------------------------------------|
| BKHA???? | 95.60 kW at 3250 min <sup>-1</sup>  |
| BLHA???? | 121.30 kW at 3500 min <sup>-1</sup> |

3.2.1.11. (Euro VI only) Manufacturer references of the Documentation package required by Articles 5, 7 and 9 of Regulation (EU) No 582/2011 enabling the approval authority to evaluate the emission control strategies and the systems on-board the engine to ensure the correct operation of NOx control measures:

See Ford FDEC EOBD Operation Summary For EU6.2 "Gen 3 SCR Family" Diesel Engines, Version 1.3

3.2.2. Fuel:

3.2.2.1.

Diesel

3.2.2.2. Heavy-duty vehicles:

Diesel

3.2.2.2.1. (Euro VI only) Fuels compatible with use by the engine declared by the manufacturer in accordance with Point 1.1.2 of Annex I to Regulation (EU) No 582/2011 (as applicable):

Yes

3.2.2.4. Vehicle fuel type:

| Variant  | Fuel type |
|----------|-----------|
| BKHA???? | Mono fuel |
| BLHA???? | Mono fuel |

3.2.2.5. Maximum amount of biofuel acceptable in fuel (manufacturer's declared value):

| Variant  | % by volume |
|----------|-------------|
| BKHA???? | 10          |
| BLHA???? | 10          |



**Information Folder No. : FBD**

---

3.2.3. Fuel tank(s)

3.2.3.1. Service fuel tank(s)

3.2.3.1.1. Number and capacity of each tank:

| Variant  | Number, capacity [l]   |
|----------|------------------------|
| BKHA???? | 1 , 70 opt. 80 opt. 95 |
| BLHA???? | 1 , 70 opt. 80 opt. 95 |

3.2.3.2. Reserve fuel tank(s)

3.2.3.2.1. Number and capacity of each tank:

Not applicable

3.2.4. Fuel feed

3.2.4.1. By carburettor(s):

No

3.2.4.2. By fuel injection (compression ignition or dual-fuel only):

| Variant  | Fuel Injection |
|----------|----------------|
| BKHA???? | Yes            |
| BLHA???? | Yes            |

3.2.4.2.2. Working principle:

Direct Injection

3.2.4.3. By fuel injection (positive ignition only):

| Variant  | Fuel Injection |
|----------|----------------|
| BKHA???? | No             |
| BLHA???? | No             |

3.2.7. Cooling system:

Liquid



Information Folder No. : FBD

3.2.8. Intake system

3.2.8.1. Pressure charger:

| Variant  | Pressure Charger |
|----------|------------------|
| BKHA???? | Yes              |
| BLHA???? | Yes              |

3.2.8.2. Intercooler:

Yes

3.2.8.3.3. (Euro VI only) Actual Intake system depression at rated engine speed and at 100 % load on the vehicle:

| Variant  | Pressure Charger |
|----------|------------------|
| BKHA2??? | 3.30 kPa         |
| BLHA2??? | 4.30 kPa         |

@

3.2.9. Exhaust system

3.2.9.2.1. (Euro VI only) Description and/or drawing of the elements of the exhaust system that are part of the engine system:

| Variant  |                |
|----------|----------------|
| BKHA???? | See attachment |
| BLHA???? | See attachment |

3.2.9.3.1. (Euro VI only) Actual exhaust back pressure at rated engine speed and at 100% load on the vehicle (compression-ignition engines only):

| Variant  | Actual exhaust back pressure [kPa] |
|----------|------------------------------------|
| BKHA???? | 50.70                              |
| BLHA???? | 69.40                              |

3.2.9.4. Type, marking of exhaust silencer(s):

| Variant  | See attachment     |
|----------|--------------------|
| BKHA???? | Not applicable     |
| BLHA???? | HL-GK31-090100-001 |

Where relevant for exterior noise, reducing measures in the engine compartment and on the engine:

Not applicable

**Information Folder No. : FBD**

3.2.9.5. Location of the exhaust outlet:

LHD: In the middle on the right hand side  
to the rear downwards optional  
In the rear on the right hand side  
to the rear downwards  
RHD: In the middle on the right hand side  
to the rear downwards optional  
In the rear on the right hand side  
to the rear downwards

3.2.9.7.1. (Euro VI only) Acceptable exhaust system volume:

| Variant  | Acceptable exhaust system volume [dm3] |
|----------|----------------------------------------|
| BKHA???? | 40.00                                  |
| BLHA???? | 40.00                                  |

3.2.12. Measures taken against air pollution

3.2.12.1.1. (Euro VI only) Device for recycling crankcase gases:  
If yes, descriptions and drawings:  
If no, compliance with Annex V to Regulation (EU) No 582/2011 required;

| Variant  | Crankcase gases recycling device |
|----------|----------------------------------|
| BKHA???? | Yes                              |
| BLHA???? | Yes                              |

See attachment

3.2.12.2. Pollution control devices (if not covered by another heading)

3.2.12.2.1. Catalytic converter:

| Variant  | Catalytic Converter |
|----------|---------------------|
| BKHA???? | Yes                 |
| BLHA???? | Yes                 |

3.2.12.2.2.1. Oxygen sensor:

| Variant  | Oxygen sensor |
|----------|---------------|
| BKHA???? | No            |
| BLHA???? | No            |

3.2.12.2.3. Air injection:

| Variant  | Air Injection |
|----------|---------------|
| BKHA???? | No            |
| BLHA???? | No            |

3.2.12.2.4. Exhaust gas recirculation (EGR):

| Variant  | EGR |
|----------|-----|
| BKHA???? | Yes |
| BLHA???? | Yes |



**Information Folder No. : FBD**

3.2.12.2.5. Evaporative emissions control system (petrol and ethanol engines only):

| Variant  | EVAP |
|----------|------|
| BKHA???? | No   |
| BLHA???? | No   |

3.2.12.2.6. Particulate trap (PT):

| Variant  | Particulate Trap |
|----------|------------------|
| BKHA???? | Yes              |
| BLHA???? | Yes              |

3.2.12.2.6.9. Other systems:

| Variant  | Other systems |
|----------|---------------|
| BKHA???? | No            |
| BLHA???? | No            |

3.2.12.2.6.9.1. Description and operation:

Not applicable

3.2.12.2.7. On-board-diagnostic (OBD) system:

| Variant  | OBD |
|----------|-----|
| BKHA???? | Yes |
| BLHA???? | Yes |

3.2.12.2.7.0.1. (Euro VI only) Number of OBD engine families within the engine family:

| Variant  | No. of OBD engine families |
|----------|----------------------------|
| BKHA???? | 1                          |
| BLHA???? | 1                          |

3.2.12.2.7.0.2. (Euro VI only) List of the OBD engine families (when applicable):

| Variant  | No. of OBD engine families               |
|----------|------------------------------------------|
| BKHA???? | OBD engine family 1 : Ford / Continental |
| BLHA???? | OBD engine family 1 : Ford / Continental |

3.2.12.2.7.0.3. (Euro VI only) Number of the OBD engine family the parent engine / the engine member belongs to:

1

3.2.12.2.7.0.4. (Euro VI only) Manufacturer references of the OBD-Documentation required by Article 5(4)(c) and Article 9(4) of Regulation (EU) No 582/2011 and specified in Annex X to that Regulation for the purpose of approving the OBD system:

See Ford FDEC EOBD Operation Summary For EU6.2 "Gen 3 SCR Family" Diesel Engines, Version 1.3



**Information Folder No. : FBD**

---

- 3.2.12.2.7.0.5. (Euro VI only) When appropriate, manufacturer reference of the Documentation for installing in a vehicle an OBD equipped engine system:  
See Ford FDEC EOBD Operation Summary For EU6.2 "Gen 3 SCR Family" Diesel Engines, Version 1.3
- 3.2.12.2.7.0.6. (Euro VI only) When appropriate, manufacturer reference of the documentation package related to the installation on the vehicle of the OBD system of an approved engine:  
Not applicable
- 3.2.12.2.7.6.5. (Euro VI only) OBD Communication protocol standard:  
See Ford FDEC EOBD Operation Summary For EU6.2 "Gen 3 SCR Family" Diesel Engines, Version 1.3
- 3.2.12.2.7.7. (Euro VI only) Manufacturer reference of the OBD related information required by of Article 5(4)(d) and Article 9(4) of Regulation (EU) No 582/2011 for the purpose of complying with the provisions on access to vehicle OBD and vehicle Repair and Maintenance Information, or  
www.fordserviceinfo.com @
- 3.2.12.2.7.7.1. As an alternative to a manufacturer reference provided in Section 3.2.12.2.7.7 reference of the attachment to the information document set out in Appendix 4 of Annex III to Regulation (EU) No 582/2011 that contains the following table, once completed according to the given example:  
Component - Fault code - Monitoring strategy - Fault detection criteria - MI activation criteria - Secondary parameters - Preconditioning - Demonstration test  
Catalyst - P0420 - Oxygen sensor 1 and 2 signals - Difference between sensor 1 and sensor 2 signals - 3rd cycle - Engine speed, engine load, A/F mode, catalyst temperature - Two Type 1 cycles - Type 1:  
Not applicable
- 3.2.12.2.7.8. (EURO VI only) OBD components on-board the vehicle  
www.fordserviceinfo.com @
- 3.2.12.2.7.8.1. List of OBD components on-board of the vehicle  
Not applicable
- 3.2.12.2.7.8.2. Written description and/or drawing of the MI  
Not applicable



Information Folder No. : FBD

3.2.12.2.7.8.3. Written description and/or drawing of the  
OBD off-board communication interface:

Not applicable

3.2.12.2.8. Other system:

3.2.12.2.8.1. to 3.2.12.2.8.7.

See OBD document  
e5\*595/2009\*2019/1939E\*00095  
e5\*595/2009\*2019/1939E\*00094

3.2.12.2.8.8. (EURO VI only) Components on-board  
the vehicle of the systems ensuring the  
correct operation of NO x control  
measures

3.2.12.2.8.8.1. List of components on-board the vehicle  
of the systems ensuring the correct  
operation of NO x control measures:

Disable after restart

3.2.12.2.8.8.2. When appropriate, manufacturer  
reference of the documentation package  
related to the installation on the vehicle of  
the system ensuring the correct operation  
of NO x control measures of an approved  
engine:

See Ford FDEC EOBD Operation Summary For EU6.2  
"Gen 3 SCR Family" Diesel Engines, Version 1.3

3.2.12.2.8.8.3. Written description and/or drawing of the  
warning signal:

Description:  
See Ford FDEC EOBD Operation Summary For EU6.2  
"Gen 3 SCR Family" Diesel Engines, Version 1.3

3.2.12.2.9. Torque limiter:

No

3.2.12.2.10. Periodically regenerating system:  
(provide the information below for each  
separate unit)

3.2.12.2.10.1. Method or system of regeneration,  
description and/or drawing:

See attachment

3.2.12.2.11.1. Type and concentration of reagent  
needed:

| Variant  | Type & concentration<br>of reagent |
|----------|------------------------------------|
| BKHA???? | AdBlue; 32.5                       |
| BLHA???? | AdBlue; 32.5                       |

3.2.13.1. Location of the absorption coefficient  
symbol (compression ignition engines  
only):

On VIN plate





**Information Folder No. : FBD**

---

3.2.15. LPG fuelling system:

| Variant  | LPG |
|----------|-----|
| BKHA???? | No  |
| BLHA???? | No  |

3.2.16. NG fuelling system:

| Variant  | NG |
|----------|----|
| BKHA???? | No |
| BLHA???? | No |

3.2.17.8.1.0.1. to 3.2.17.8.1.0.2.

Not applicable

3.3. Electric Machine (describe information of each type of electric machine separately)

3.3.1.et seqq.

Not applicable

3.4. Combinations of Propulsion Energy Converters

3.4.1. et seqq.

Not applicable

3.4.3.1. Selectable modes

3.4.3.1.1. Pure electric:

Not applicable

3.5.9. CO2 emissions and fuel consumption certification (for heavy-duty vehicles, as specified in Article 6 of Commission Regulation (EU) 2017/2400)

3.5.9.1. Simulation tool licence number:

Not applicable

3.5.9.2. Zero emission heavy-duty vehicle:

Not applicable

3.5.9.3. Vocational vehicle:

Not applicable



Information Folder No. : FBD

3.5.10. Declared maximum RDE values (if applicable):

| Variant  | Version        | Complete RDE trip |                            | Urban RDE trip |                            |
|----------|----------------|-------------------|----------------------------|----------------|----------------------------|
|          |                | NOx [mg/km]       | Particles (number) [# /km] | NOx [mg/km]    | Particles (number) [# /km] |
| BKHA???? | ?????????00Y?? | Not applicable    | Not applicable             | Not applicable | Not applicable             |
|          | ?????????00Z?? | Not applicable    | Not applicable             | Not applicable | Not applicable             |
| BLHA???? | ?????????00Y?? | Not applicable    | Not applicable             | Not applicable | Not applicable             |
|          | ?????????00Z?? | Not applicable    | Not applicable             | Not applicable | Not applicable             |

3.6.5. Lubricant temperature:

| Variant  | Minimum [K] | Maximum [K] |
|----------|-------------|-------------|
| BKHA???? | 243         | 423         |
| BLHA???? | 243         | 423         |



Information Folder No. : FBD

4. TRANSMISSION

4.2. Type (mechanical, hydraulic, electric, etc.):

| Variant  | Version     | Type of Transmission | Type of Gearbox |
|----------|-------------|----------------------|-----------------|
| ???????? | ??M???????? | mechanical           | manual          |
|          | ??R???????? | hydraulic            | automatic       |

4.5. Gearbox

4.5.1. Type (manual/automatic/CVT (continuously variable transmission)/fixed ratio/automised/other/wheel hub):

See item 4.2.

4.6. Gear Ratios:

| TABLE OF GEAR RATIOS |                |        |         |         |                           |                      |                     |
|----------------------|----------------|--------|---------|---------|---------------------------|----------------------|---------------------|
| Variant              | Version        | Type   | Gearbox | Gear    | Internal Gearbox Ratio(s) | Final Drive Ratio(s) | Total Gear Ratio(s) |
| BKHA2???             | ??MB????F????? | manual | MT82    | 1       | 5.701                     | 3.310                | 18.870              |
|                      |                |        |         | 2       | 2.974                     | 3.310                | 9.844               |
|                      |                |        |         | 3       | 1.803                     | 3.310                | 5.968               |
|                      |                |        |         | 4       | 1.282                     | 3.310                | 4.243               |
|                      |                |        |         | 5       | 1.000                     | 3.310                | 3.310               |
|                      |                |        |         | 6       | 0.776                     | 3.310                | 2.569               |
|                      |                |        |         | Reverse | 5.170                     | 3.310                | 17.113              |
|                      | ??ME????F????? | manual | MT82    | 1       | 5.701                     | 3.730                | 21.265              |
|                      |                |        |         | 2       | 2.974                     | 3.730                | 11.093              |
|                      |                |        |         | 3       | 1.803                     | 3.730                | 6.725               |
|                      |                |        |         | 4       | 1.282                     | 3.730                | 4.782               |
|                      |                |        |         | 5       | 1.000                     | 3.730                | 3.730               |
|                      |                |        |         | 6       | 0.776                     | 3.730                | 2.894               |
|                      |                |        |         | Reverse | 5.170                     | 3.730                | 19.284              |
|                      | ??ME????H????? | manual | MT82    | 1       | 5.701                     | 3.730                | 21.265              |
|                      |                |        |         | 2       | 2.974                     | 3.730                | 11.093              |
|                      |                |        |         | 3       | 1.803                     | 3.730                | 6.725               |
|                      |                |        |         | 4       | 1.282                     | 3.730                | 4.782               |
|                      |                |        |         | 5       | 1.000                     | 3.730                | 3.730               |
|                      |                |        |         | 6       | 0.776                     | 3.730                | 2.894               |
|                      |                |        |         | Reverse | 5.170                     | 3.730                | 19.284              |



Information Folder No. : FBD

| TABLE OF GEAR RATIOS |                |                |           |         |                           |                      |                     |        |
|----------------------|----------------|----------------|-----------|---------|---------------------------|----------------------|---------------------|--------|
| Variant              | Version        | Type           | Gearbox   | Gear    | Internal Gearbox Ratio(s) | Final Drive Ratio(s) | Total Gear Ratio(s) |        |
| BLHA2???             | ??MB????F????? | manual         | MT82      | 1       | 5.701                     | 3.310                | 18.870              |        |
|                      |                |                |           | 2       | 2.974                     | 3.310                | 9.844               |        |
|                      |                |                |           | 3       | 1.803                     | 3.310                | 5.968               |        |
|                      |                |                |           | 4       | 1.282                     | 3.310                | 4.243               |        |
|                      |                |                |           | 5       | 1.000                     | 3.310                | 3.310               |        |
|                      |                |                |           | 6       | 0.776                     | 3.310                | 2.569               |        |
|                      |                |                |           | Reverse | 5.170                     | 3.310                | 17.113              |        |
|                      | ??ME????F????? | manual         | MT82      | 1       | 5.701                     | 3.730                | 21.265              |        |
|                      |                |                |           | 2       | 2.974                     | 3.730                | 11.093              |        |
|                      |                |                |           | 3       | 1.803                     | 3.730                | 6.725               |        |
|                      |                |                |           | 4       | 1.282                     | 3.730                | 4.782               |        |
|                      |                |                |           | 5       | 1.000                     | 3.730                | 3.730               |        |
|                      |                |                |           | 6       | 0.776                     | 3.730                | 2.894               |        |
|                      |                |                |           | Reverse | 5.170                     | 3.730                | 19.284              |        |
|                      | ??ME????H????? | manual         | MT82      | 1       | 5.701                     | 3.730                | 21.265              |        |
|                      |                |                |           | 2       | 2.974                     | 3.730                | 11.093              |        |
|                      |                |                |           | 3       | 1.803                     | 3.730                | 6.725               |        |
|                      |                |                |           | 4       | 1.282                     | 3.730                | 4.782               |        |
|                      |                |                |           | 5       | 1.000                     | 3.730                | 3.730               |        |
|                      |                |                |           | 6       | 0.776                     | 3.730                | 2.894               |        |
|                      |                |                |           | Reverse | 5.170                     | 3.730                | 19.284              |        |
|                      | BLHA2???       | ??RE????F????? | automatic | 10R80   | 1                         | 4.696                | 3.730               | 17.516 |
|                      |                |                |           |         | 2                         | 2.985                | 3.730               | 11.134 |
|                      |                |                |           |         | 3                         | 2.146                | 3.730               | 8.005  |
| 4                    |                |                |           |         | 1.769                     | 3.730                | 6.598               |        |
| 5                    |                |                |           |         | 1.520                     | 3.730                | 5.670               |        |
| 6                    |                |                |           |         | 1.275                     | 3.730                | 4.756               |        |
| 7                    |                |                |           |         | 1.000                     | 3.730                | 3.730               |        |
| 8                    |                |                |           |         | 0.854                     | 3.730                | 3.185               |        |
| 9                    |                |                |           |         | 0.689                     | 3.730                | 2.570               |        |
| 10                   |                |                |           |         | 0.636                     | 3.730                | 2.372               |        |
| Reverse              |                |                |           |         | 4.911                     | 3.730                | 18.318              |        |
| ??RE????H?????       |                | automatic      | 10R80     | 1       | 4.696                     | 3.730                | 17.516              |        |
|                      |                |                |           | 2       | 2.985                     | 3.730                | 11.134              |        |
|                      |                |                |           | 3       | 2.146                     | 3.730                | 8.005               |        |
|                      |                |                |           | 4       | 1.769                     | 3.730                | 6.598               |        |
|                      |                |                |           | 5       | 1.520                     | 3.730                | 5.670               |        |
|                      |                |                |           | 6       | 1.275                     | 3.730                | 4.756               |        |
|                      |                |                |           | 7       | 1.000                     | 3.730                | 3.730               |        |
|                      |                |                |           | 8       | 0.854                     | 3.730                | 3.185               |        |
|                      |                |                |           | 9       | 0.689                     | 3.730                | 2.570               |        |
|                      |                |                |           | 10      | 0.636                     | 3.730                | 2.372               |        |
|                      |                |                |           | Reverse | 4.911                     | 3.730                | 18.318              |        |
| ??RE????J?????       |                | automatic      | 10R80     | 1       | 4.696                     | 3.730                | 17.516              |        |
|                      |                |                |           | 2       | 2.985                     | 3.730                | 11.134              |        |
|                      | 3              |                |           | 2.146   | 3.730                     | 8.005                |                     |        |
|                      | 4              |                |           | 1.769   | 3.730                     | 6.598                |                     |        |
|                      | 5              |                |           | 1.520   | 3.730                     | 5.670                |                     |        |
|                      | 6              |                |           | 1.275   | 3.730                     | 4.756                |                     |        |
|                      | 7              |                |           | 1.000   | 3.730                     | 3.730                |                     |        |
|                      | 8              |                |           | 0.854   | 3.730                     | 3.185                |                     |        |
|                      | 9              |                |           | 0.689   | 3.730                     | 2.570                |                     |        |
|                      | 10             |                |           | 0.636   | 3.730                     | 2.372                |                     |        |
|                      | Reverse        |                |           | 4.911   | 3.730                     | 18.318               |                     |        |

Note: Gearbox and final drive ratios are rounded values, total ratios are calculated based on the number of gear teeth





Information Folder No. : FBD

4.7. Maximum vehicle design speed (in km/h):

| Variant  | Version        | Max. Speed |
|----------|----------------|------------|
| BKHA2DC? | C?ME?????00Y?B | 100        |
|          | C?ME?????00Z?B | 100        |
|          | T?MB?????00Y?B | 100        |
|          | T?MB?????00Z?B | 100        |
|          | T?ME?????00Y?B | 100        |
|          | T?ME?????00Z?B | 100        |
| BKHA2DD? | C?ME?????00Y?B | 100        |
|          | C?ME?????00Z?B | 100        |
|          | Y?ME?????00Z?B | 100        |
| BLHA2DC? | C?ME?????00Y?B | 100        |
|          | C?ME?????00Z?B | 100        |
|          | C?ME?????00Z?C | 100        |
|          | C?RE?????00Y?B | 100        |
|          | C?RE?????00Y?P | 100        |
|          | C?RE?????00Z?B | 100        |
|          | C?RE?????00Z?P | 100        |
|          | T?MB?????00Y?B | 100        |
|          | T?MB?????00Z?B | 100        |
|          | T?ME?????00Y?B | 100        |
|          | T?ME?????00Z?B | 100        |
|          | T?ME?????00Z?B | 100        |
| BLHA2DD? | C?ME?????00Y?B | 100        |
|          | C?ME?????00Z?B | 100        |
|          | C?ME?????00Z?C | 100        |
|          | C?RE?????00Y?B | 100        |
|          | C?RE?????00Y?P | 100        |
|          | C?RE?????00Z?B | 100        |
|          | C?RE?????00Z?P | 100        |
|          | Y?ME?????00Z?B | 100        |
|          | Y?RE?????00Z?B | 100        |
|          | Z?ME?????00Z?B | 100        |
|          | Z?RE?????00Z?B | 100        |
|          | Z?RE?????00Z?B | 100        |

4.9. Tachograph: Yes

4.9.1. Approval mark: e1 84



**Information Folder No. : FBD**

---

- 4.11. Gear Shift Indicator (GSI)
- 4.11.1. Acoustic indication available.  
If yes, description of sound and sound level at the driver's ear in dB(A).  
(Acoustic indication always switchable on/off)
- Not applicable
- 4.11.2. Information as referred to in Implementing Regulation (EU) 2021/535, Annex IX, Part 2, point 7.6. (manufacturer's declared value):
- Not applicable





**Information Folder No. : FBD**

---

**5. AXLES**

5.1. Description of each axle:

Axle 1:  
Independent with McPherson strut and coil spring

Axle 2:  
Beam axle with leaf spring

5.2. Make:

Axle 1:  
Ford

Axle 2:  
Ford

5.3. Type:

Axle 1:  
Hybrid Independent

Axle 2:  
Dead Beam

5.4. Position of retractable axle(s):

Not applicable

5.5. Position of loadable axle(s):

Not applicable





**Information Folder No. : FBD**

**6. SUSPENSION**

6.2. Type and design of the suspension of each axle or group of axles or wheel:

Axle 1:  
Independent coil springs

Axle 2:  
Non-independent leaf springs.

6.2.1. Level adjustment:

No

6.2.3. Air-suspension for driving axle(s):

No

6.2.3.1. Suspension of driving axle equivalent to air-suspension:

No

6.2.4. Air-suspension for non-driving axle(s):

No

6.2.4.1. Suspension of non-driving axle(s) equivalent to air-suspension:

No

6.6.1. Tyre/Wheel Combination(s)

6.6.1.1. Axles

6.6.1.1.1. Axle 1:

| Variant  | Version        | Tyre size   | Load/speed index | Rim size / offset    | Rolling resistance coefficient (RRC), less than | Rolling radii Min. to Max. *) |
|----------|----------------|-------------|------------------|----------------------|-------------------------------------------------|-------------------------------|
| ????2D?? | C?M??HA?F???AB | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | C?M??HA?F???AC | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | C?R??HA?F???AB | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | C?R??HA?F???AP | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | T?M??HA?F???AB | 235/65 R16C | 115/113R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | T?M??SA?F???AB | 235/65 R16C | 115/113R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | Y?M??HB?H???AB | 195/75 R16C | 107/105R         | 6.0J x 16 H2 x 109.5 | 1.050                                           | 337 mm                        |
|          | Y?R??HB?H???AB | 195/75 R16C | 107/105R         | 6.0J x 16 H2 x 109.5 | 1.050                                           | 337 mm                        |
|          | Z?M??HA?F???AB | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | Z?R??HA?J???AB | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |

\*) = according to E.T.R.T.O.





**Information Folder No. : FBD**

6.6.1.1.2. Axle 2:

| Variant  | Version        | Tyre size   | Load/speed index | Rim size / offset    | Rolling resistance coefficient (RRC), less than | Rolling radii Min. to Max. *) |
|----------|----------------|-------------|------------------|----------------------|-------------------------------------------------|-------------------------------|
| ????2D?? | C?M??HA?F???AB | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | C?M??HA?F???AC | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | C?R??HA?F???AB | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | C?R??HA?F???AP | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | T?M??HA?F???AB | 235/65 R16C | 115/113R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | T?M??SA?F???AB | 235/65 R16C | 115/113R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | Y?M??HB?H???AB | 195/75 R16C | 107/105R         | 6.0J x 16 H2 x 109.5 | 1.050                                           | 337 mm                        |
|          | Y?R??HB?H???AB | 195/75 R16C | 107/105R         | 6.0J x 16 H2 x 109.5 | 1.050                                           | 337 mm                        |
|          | Z?M??HA?F???AB | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |
|          | Z?R??HA?J???AB | 235/65 R16C | 121/119R         | 6.5J x 16 H2 x 60.0  | 1.050                                           | 343 mm                        |

\*) = according to E.T.R.T.O.

6.6.1.2. Spare wheel, if any:

Same tyre and wheel combinations as mentioned under item 6.6.1.1.1.

6.6.2. Upper and lower limits of rolling radii

6.6.2.1. Axle 1:

See item 6.6.1.1.1.

6.6.2.2. Axle 2:

see item 6.6.1.1.2.





**Information Folder No. : FBD**

---

**7. STEERING**

7.2. Transmission and control

7.2.1. Type of steering transmission (specify for front and rear, if applicable):

Axle 1: Rack and pinion steering  
Axle 2: Not applicable

7.2.2. Linkage to wheels (including other than mechanical means; specify for front and rear, if applicable):

mechanical

7.2.3. Method of assistance, if any:

electric  
hydraulic





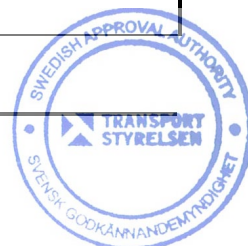
Information Folder No. : FBD

8. BRAKES (The following particulars, including means of identification, where applicable, are to be given)

8.5. Anti-lock braking system: yes

8.9. Brief description of the braking system as referred to in UN Regulation No 13, Annex 2, Paragraph 12 or in UN Regulation 13-H, Annex 1, Paragraph 14 respectively:

|          |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ????2??? | ????????F????? | Foot operated.<br>Vacuum assist hydraulically operated, diagonal split, with tandem master cylinder operating on independent hydraulic brake line circuits<br>2 Brake Circuits<br>ABS with EBD (Electronic Brake Distribution)<br>ABS operating on axle 1 and 2<br><br>Front: Front Disc Brake<br>Rear: Rear Disc Brake<br>Secondary braking system:<br>Foot operated, acting on one diagonal circuit of the service brake<br>Parking braking system:<br>Pedestal mounted hand lever control connected by a cable system. Hand lever control located either between driver and passenger seat or between driver seat and door. Rear brakes locked by action of pawl and teeth, and released by push button.<br>Optional:<br>electrical-mechanical transmission device (EPB)<br>hand operated<br>Mechanical linkage<br>Operating on axle 2<br>(EPB up to 4100 KG GVM)<br>Any additional braking system:<br>Advanced Emergency Braking System (AEBS) |
|          | ????????H????? | Foot operated.<br>Vacuum assist hydraulically operated, diagonal split, with tandem master cylinder operating on independent hydraulic brake line circuits<br>2 Brake Circuits<br>ABS with EBD (Electronic Brake Distribution)<br>ABS operating on axle 1 and 2<br><br>Front: Front Disc Brake<br>Rear: Rear Disc Brake<br>Secondary braking system:<br>Foot operated, acting on one diagonal circuit of the service brake<br>Parking braking system:<br>Pedestal mounted hand lever control connected by a cable system. Hand lever control located either between driver and passenger seat or between driver seat and door. Rear brakes locked by action of pawl and teeth, and released by push button.<br>Mechanical linkage<br>Operating on axle 2<br>Any additional braking system:<br>Advanced Emergency Braking System (AEBS)                                                                                                             |





Information Folder No. : FBD

|          |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ????2??? | ????????J????? | Foot operated.<br>Vacuum assist hydraulically operated, diagonal split, with tandem master cylinder operating on independent hydraulic brake line circuits<br>2 Brake Circuits<br>ABS with EBD (Electronic Brake Distribution)<br>ABS operating on axle 1 and 2<br><br><br>Front: Front Disc Brake<br>Rear: Rear Disc Brake<br>Secondary braking system:<br>Foot operated, acting on one diagonal circuit of the service brake<br>Parking braking system:<br>Pedestal mounted hand lever control connected by a cable system.<br>Hand lever control located either between driver and passenger seat or between driver seat and door. Rear brakes locked by action of pawl and teeth, and released by push button.<br>Mechanical linkage<br>Operating on axle 2<br>Any additional braking system:<br>Advanced Emergency Braking System (AEBS) |
|----------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

8.11. Particulars of the type(s) of endurance  
braking system(s):

Not applicable



**Information Folder No. : FBD****9. BODYWORK**

- 9.1. Type of bodywork using the codes defined in Part C of Annex I to Regulation (EU) 2018/858 or in case of a special purpose vehicle the codes defined in Point 5 to Part A of that Annex:

CA Single-deck vehicle

- 9.3. Occupant doors, latches and hinges

- 9.3.1. Door configuration and number of doors:

| No. of Doors | Configuration Left Side |      | Configuration Right Side |      |
|--------------|-------------------------|------|--------------------------|------|
|              | Front                   | Rear | Front                    | Rear |
| 3            | 1                       | 1    | 1                        | 0    |
| 3            | 1                       | 0    | 1                        | 1    |

- 9.9. Devices for indirect vision

- 9.9.1. Rear-view mirrors, stating, for each rear-view mirror:

- 9.9.1.1. Make:

**Interior:**Fico  
Gentex**Exterior:**

Fico

- 9.9.1.2. Type-approval mark:

**Interior:**I E11 46R-026532  
I E11 46R-048846  
I E9 46R-014276**Exterior:**II E9 46R-036909  
II E9 46R-036950

- 9.9.1.3. Variant:

**Interior:**

manual dipping ; day/night automatic optional

**Exterior:**Blind spot indicator (optional)  
Manual/electric/heated (optional)

- 9.9.1.6. Optional equipment which may affect the rearward field of vision:

None



**Information Folder No. : FBD**

9.9.2. Devices for indirect vision other than mirrors:

9.9.2.1. Type and description of the device:

Optional: Camera-monitor system Class I

9.10. Interior arrangement

9.10.3. Seats

9.10.3.1. Number of seating positions:

| Variant  | Version        | Maximum Number of Seats |
|----------|----------------|-------------------------|
| ?????D?? | ?3???????????? | 3                       |
| ?????D?? | ?C???????????? | 12                      |
| ?????D?? | ?F???????????? | 15                      |
| ?????D?? | ?H???????????? | 17                      |
| ?????D?? | ?J???????????? | 18                      |

9.10.3.1.1. Location and arrangement:

| Variant  | Version        | Max. no. of Seats | Row | Seats / row | Arrangement                            |
|----------|----------------|-------------------|-----|-------------|----------------------------------------|
| ???????? | ?3???????????? | 3                 | 1   | 3           | single driver, dual passenger          |
|          | ?C???????????? | 12                | 1   | 3           | single driver, dual passenger          |
|          | ?F???????????? | 15                | 1   | 3           | single driver, dual passenger          |
|          | ?H???????????? | 17                | 1   | 2           | single driver, single passenger        |
|          | ?J???????????? | 18                | 1   | 3           | single driver, dual passenger          |
| ???????? | ?C???????????? | 12                | 2   | 2           | dual seat, removable                   |
|          | ?F???????????? | 15                | 2   | 2           | dual seat, removable                   |
|          | ?H???????????? | 17                | 2   | 2           | dual seat, removable                   |
|          | ?J???????????? | 18                | 2   | 2           | dual seat, removable                   |
| ???????? | ?C???????????? | 12                | 3   | 3           | single & dual seat, removable          |
|          | ?F???????????? | 15                | 3   | 3           | single & dual seat, removable          |
|          | ?H???????????? | 17                | 3   | 3           | single & dual seat, removable          |
|          | ?J???????????? | 18                | 3   | 3           | single & dual seat, removable          |
| ???????? | ?C???????????? | 12                | 4   | 4           | dual & dual seat, removable            |
|          | ?F???????????? | 15                | 4   | 3           | single & dual seat, removable          |
|          | ?H???????????? | 17                | 4   | 3           | single & dual seat, removable          |
|          | ?J???????????? | 18                | 4   | 3           | single & dual seat, removable          |
| ???????? | ?F???????????? | 15                | 5   | 4           | dual & dual seat, removable            |
|          |                |                   | 5   | 4           | single & dual & single seat, removable |
|          | ?H???????????? | 17                | 5   | 3           | single & dual seat, removable          |
|          | ?J???????????? | 18                | 5   | 3           | single & dual seat, removable          |
| ???????? | ?H???????????? | 17                | 6   | 4           | single & dual & single seat, removable |
|          | ?J???????????? | 18                | 6   | 4           | single & dual & single seat, removable |

9.10.3.2. Seat(s) designated for use only when the vehicle is stationary:

Not applicable

9.10.8. Gas used as refrigerant in the air-conditioning system:

Not applicable





**Information Folder No. : FBD**

- 9.10.8.1. The air-conditioning system is designed to contain fluorinated greenhouse gases with a global warming potential higher than 150:

Not applicable

- 9.12.2. Nature and Position of Supplementary Restraint Systems:

| Position  |                  | Supplementary Restraint System |             |                        | Variant  | Version                                                              |
|-----------|------------------|--------------------------------|-------------|------------------------|----------|----------------------------------------------------------------------|
| Row       | Pos. in row      | Front airbag                   | Side airbag | Belt preloading device |          |                                                                      |
| 1         | Driver's side    | yes                            | optional    | yes                    | ???????? | ?3????????????                                                       |
|           | Centre           | yes (M1), optional (non-M1)    | no          | no                     |          | ?C????????????                                                       |
|           | Passenger's side | yes (M1), optional (non-M1)    | optional    | yes                    |          | ?F????????????<br>?H????????????<br>?J????????????                   |
| 2 to last | Left             | no                             | no          | no                     | ???????? | ?C????????????<br>?F????????????<br>?H????????????<br>?J???????????? |
|           | Centre           | no                             | no          | no                     |          |                                                                      |
|           | Right            | no                             | no          | no                     |          |                                                                      |

- 9.17. Statutory plates

- 9.17.1. Photographs and/or drawings of the locations of the statutory plates and inscriptions and of the Vehicle identification number:

See attachment

- 9.17.2. Photographs and/or drawings of the statutory plate and inscriptions (completed example with dimensions):

See attachment

- 9.17.3. Photographs and/or drawings of the vehicle identification number (completed example with dimensions):

see item 9.17.1.



**Information Folder No. : FBD**

- 9.17.4.1. The meaning of characters in the vehicle descriptor section (VDS) of the vehicle identification number (VIN) and, if applicable, the vehicle indicator section (VIS) thereof, to comply with the requirements of Section 5.3. of ISO Standard 3779:2009 shall be explained:

| Position | Definition                                                                          |
|----------|-------------------------------------------------------------------------------------|
| 1 to 3   | World Manufacturer Identifier                                                       |
| 4        | Body Type or Restraint Type or Model Line                                           |
| 5        | Constant Figure or Variant or Version or Model Line                                 |
| 6        | Constant Figure or Engine Type or Series or Model Line                              |
| 7        | Product Source or Assembly Plant or Body Type or Model Line                         |
| 8        | Product Source or Assembly Plant or Engine Type or Manufacturing Year or Model Line |
| 9        | Check Digit or Model Line                                                           |
| 10       | Body Type or Alternative Engine Type or Model Year                                  |
| 11       | Year of Manufacture or Product Source or Assembly Plant                             |
| 12       | Month of Manufacture or Vehicle Sequence Number                                     |
| 13 to 17 | Vehicle Sequence Number                                                             |

- 9.17.4.2. If characters in the vehicle descriptor second section are used to comply with the requirements of section 5.4 of ISO Standard 3779:2009, these characters shall be indicated:

See item 9.17.4.1.

- 9.22. Front under-run protection

- 9.22.0. Presence:

see Part III

- 9.23. Pedestrian protection

- 9.23.1. A detailed description, including photographs and/or drawings, of the vehicle with respect to the structure, the dimensions, the relevant reference lines and the constituent materials of the frontal part of the vehicle (interior and exterior), including detail of any active protection system installed:

Not applicable

- 9.24. Frontal Protection Systems

- 9.24.1. General arrangement (drawings or photographs) indicating the position and attachment of the frontal protection systems:

Not applicable

- 9.24.3. Complete details of fittings required and full instructions, including torque requirements, for fitting:

Not applicable



**Information Folder No. : FBD**

**11. CONNECTIONS BETWEEN TOWING VEHICLES AND TRAILERS AND SEMI-TRAILERS**

**11.1. Class and type of the coupling device(s) fitted or to be fitted:**

| Variant  | Version       | Class          | Type           | Approval Marking | Type Approval No.    |
|----------|---------------|----------------|----------------|------------------|----------------------|
| BKHA?DC? | C3MEJ??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | C3MEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CCMEA??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CCMEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CFMEA??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CFMEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | T3MBJ??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | T3MBK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | T3MEJ??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | T3MEK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | TCMBA??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | TCMBK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | TCMEA??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | TCMEK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
| BKHA?DD? | C3MEJ??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | C3MEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CCMEA??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CCMEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CFMEA??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CFMEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | Y3MEJ??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | Y3MEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | YHMEA??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | YHMEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | YJMEA??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | YJMEK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |





Information Folder No. : FBD

| Variant  | Version        | Class          | Type           | Approval Marking | Type Approval No.    |
|----------|----------------|----------------|----------------|------------------|----------------------|
| BLHA?DC? | C3MEJ???????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |                | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | C3MEK???????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |                | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | C3REA???????AP | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |                | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | C3REJ???????AB | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |                | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | C3REJ???????AP | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |                | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | C3REK???????AB | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |                | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | CCMEA???????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |                | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CCMEA???????AC | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |                | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CCMEK???????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |                | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CCREA???????AB | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |                | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | CCREK???????AB | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |                | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | CFMEA???????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |                | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CFMEK???????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |                | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CFREA???????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |                | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CFREK???????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |                | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | T3MBJ???????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | T3MBK???????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | T3MEJ???????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | T3MEK???????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | TCMBA???????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | TCMBK???????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | TCMEA???????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | TCMEK???????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |





Information Folder No. : FBD

| Variant  | Version       | Class          | Type           | Approval Marking | Type Approval No.    |
|----------|---------------|----------------|----------------|------------------|----------------------|
| BLHA?DD? | C3MEJ??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | C3MEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | C3REA??????AP | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |               | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | C3REJ??????AB | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |               | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | C3REJ??????AP | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |               | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | C3REK??????AB | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |               | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | CCMEA??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CCMEA??????AC | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CCMEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CCREA??????AB | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |               | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | CCREK??????AB | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |               | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | CFMEA??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CFMEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | CFREA??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | CFREK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | Y3MEJ??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | Y3MEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | Y3REJ??????AB | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |               | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | Y3REK??????AB | A50-X          | 30.970-1       | E24 55R-010539   | E24*55R01/07*0539*00 |
|          |               | F              | F57-2          | E8 55R-02 11089  | E8*55R02/00*11089*02 |
|          | YHMEA??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | YHMEK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | YHREA??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | YHREK??????AB | A50-X          | 30.985-1       | E24 55R-010540   | E24*55R01/07*0540*00 |
|          |               | F              | F56-1          | E24 55R-02 0521  | E24*55R02/01*0521*01 |
|          | YJMEA??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | YJMEK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | YJREA??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | YJREK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | Z3MEJ??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | Z3MEK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | Z3REJ??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | Z3REK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | ZFMEA??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | ZFMEK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | ZFREA??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |
|          | ZFREK??????AB | Not applicable | Not applicable | Not applicable   | Not applicable       |





**Information Folder No. : FBD**

---

- 11.3. Instructions for attachment of the coupling type to the vehicle and photographs or drawings of the fixing points at the vehicle as stated by the manufacturer; additional information, if the use of the coupling type is restricted to certain variants or versions of the vehicle type:  
See attachment
- 11.4. Information of the fitting of special towing brackets or mounting plates:  
See item 11.3.
- 11.5. Number(s) of the type-approval certificate(s):  
See item 11.1.



**Information Folder No. : FBD**

---

**12. MISCELLANEOUS**

- |         |                                                                                                                                                                                   |                |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 12.7.1. | Vehicle equipped with a 24 GHz short-range radar equipment:                                                                                                                       | Yes            |
| 12.8.   | eCall system                                                                                                                                                                      |                |
| 12.8.1. | Presence:                                                                                                                                                                         | Not applicable |
| 12.9.   | Acoustic Vehicle Alerting System AVAS                                                                                                                                             |                |
| 12.9.1. | The number of the approval certificate issued on the basis of requirements laid down in UN Regulation No 138 of the Economic Commission for Europe of the United Nations (UNECE): | Not applicable |
| 12.9.2. | Complete reference of the test results of AVAS sound emission levels, measured in accordance with Regulation (EU) No 540/2014 of the European Parliament and of the Council:      | Not applicable |





**Information Folder No. : FBD**

---

**13. SPECIAL PROVISIONS FOR BUSES AND COACHES**

- 13.1. Class of vehicle: Class B
- 13.1.2. Chassis types where the type-approved bodywork can be installed (manufacturer(s), and vehicle(s) types): Not applicable
- 13.3. Number of passengers (seated and standing)
- 13.3.1. Total (N): 10 or 11, 13 or 14, 16 or 17
- 13.3.2. Upper deck (Na): Not applicable
- 13.3.3. Lower deck (Nb): 10 or 11, 13 or 14, 16 or 17
- 13.4. Number of passengers (seated)
- 13.4.1. Total (A): 10 or 11, 13 or 14, 16 or 17
- 13.4.2. Upper deck (Aa): Not applicable
- 13.4.3. Lower deck (Ab): 10 or 11, 13 or 14, 16 or 17
- 13.4.4. Number of wheelchair positions for Category M2 and M3 vehicles: Not applicable



**Information Folder No. : FBD**

---

**16. ACCESS TO VEHICLE REPAIR AND MAINTENANCE INFORMATION**

16.1. Address of principal website for access to vehicle repair and maintenance information:

[www.fordserviceinfo.com](http://www.fordserviceinfo.com)

@

**NOTE CONCERNING ATTACHMENTS**

Design, material and arrangement of the parts or part numbers of the vehicle may deviate from the representation on schematics, drawings and photographs, as far as these deviations do not have any influence on the approved certification and are not in contradiction to the other information.

**NOTE CONCERNING UNECE REGULATIONS**

In accordance to the application sources of information for European Directives are seen as links to the appropriate sources of information of UNECE Regulations.





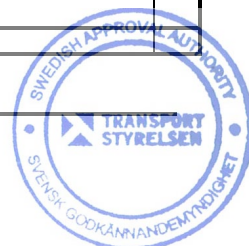
## Information Document Part III





Information Folder No. : FBD

| Subject                                                                                                                                          | Approval number |                     |              |       | Approval date | Variants / or / Versions                                                    |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------|--------------|-------|---------------|-----------------------------------------------------------------------------|---------------------|
| 1A. Sound level                                                                                                                                  | E11*            | 51R03/06*           | 9089*        | 04    | 08.09.2022    | BKHA???                                                                     | @                   |
|                                                                                                                                                  | E11*            | 51R03/06*           | 9085*        | 06    | 02.12.2022    | BLHA???                                                                     | @                   |
| 3A. Prevention of fire risks (liquid fuel tanks)                                                                                                 | E1*             | 34R03/02*           | 0134*        | 07    | 22.03.2022    | ????D?X/, ?????D?Y/                                                         |                     |
| 3B. Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP)                                              | E11*            | 58R03/02*           | 11292*       | 08    | 08.04.2022    | ????D?X/, ?????D?Y/                                                         |                     |
| 4A. Space for mounting and fixing rear registration plates                                                                                       | e5*             | 1003/2010*2015/166* | 1003*        | 02    | 05.04.2022    | ????D?X/, ?????D?Y/                                                         |                     |
| 5A. Steering equipment                                                                                                                           | E11*            | 79R03/03*           | 1537*        | 06    | 18.10.2022    | ????D?X/, ?????D?Y/                                                         | @                   |
| 7A. Audible warning devices and signals                                                                                                          | E11*            | 28R00/06*           | 3679*        | 07    | 31.08.2022    | ????D?X/, ?????D?Y/                                                         | @                   |
| 8A. Devices for indirect vision and their installation                                                                                           | E11*            | 46R04/08*           | 8264*        | 04    | 19.10.2022    | ????D?X/, ?????D?Y/                                                         | @                   |
| 9A. Braking of vehicles and trailers                                                                                                             | E11*            | 13R11/18*           | 6816*        | 12    | 01.11.2022    | /C?M???A?F?????,<br>/C?R???A?F?????,<br>/T?M???A?F?????,<br>/Z?M???A?F????? | @                   |
|                                                                                                                                                  | E11*            | 13R11/18*           | 6818*        | 10    | 01.11.2022    | /Y?M???B?H?????,<br>/Y?R???B?H?????                                         | @                   |
|                                                                                                                                                  | E11*            | 13R11/18*           | 6948*        | 09    | 01.11.2022    | /Z?R???A?J?????                                                             | @                   |
| 10A. Electromagnetic compatibility                                                                                                               | E11*            | 10R06/01*           | 8233*        | 09    | 02.09.2022    | ????D?X/, ?????D?Y/                                                         | @                   |
| 13A. Protection of motor vehicles against unauthorised use                                                                                       | E11*            | 116R00/08*          | 2927*        | 03    | 18.10.2022    | ????D?X/, ?????D?Y/                                                         | @                   |
|                                                                                                                                                  | E11*            | 116R00/08*          | 3334*        | 02    | 18.10.2022    | ????D?X/, ?????D?Y/                                                         | @                   |
| 15A. Seats, their anchorages and any head restraints                                                                                             | E1*             | 17R09/01*           | 0889*        | 06    | 18.10.2021    | ????D?X/, ?????D?Y/                                                         |                     |
|                                                                                                                                                  | E1*             | 17R09/01*           | 0951*        | 02    | 18.02.2022    | ????D?X/, ?????D?Y/                                                         |                     |
| 15B. Seats of large passenger vehicles                                                                                                           | Not applicable  |                     |              |       |               |                                                                             |                     |
| 17A. Vehicle access and manoeuvrability (reverse gear)                                                                                           | e5*             | 130/2012*           | 130/2012*    | 1005* | 04            | 06.04.2022                                                                  | ????D?X/, ?????D?Y/ |
| 17B. Speedometer equipment including its installation                                                                                            | E11*            | 39R01/01*           | 2130*        | 08    | 11.08.2022    | ????D?X/, ?????D?Y/                                                         | @                   |
| 18A. Manufacturer's statutory plate and vehicle identification number                                                                            | e5*             | 19/2011*            | 249/2012*    | 1004* | 02            | 08.04.2022                                                                  | ????D?X/, ?????D?Y/ |
| 19A. Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages                                                          | E1              | 14R-070733          | Extension 02 |       | 12.07.2016    | ????D?X/, ?????D?Y/                                                         |                     |
|                                                                                                                                                  | E1              | 14R-070794          | Extension 01 |       | 23.05.2016    | ????D?X/, ?????D?Y/                                                         |                     |
| 20A. Installation of lighting and light-signalling devices on vehicles                                                                           | E11*            | 48R04/18*           | 3546*        | 10    | 08.04.2022    | ????DCX/, ?????DCY/,<br>????DDX/, ?????DDY/                                 |                     |
| 21A. Retro-reflecting devices for power-driven vehicles and their trailers                                                                       | see item 20A    |                     |              |       |               |                                                                             |                     |
| 22A. Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers                                | see item 20A    |                     |              |       |               |                                                                             |                     |
| 22B. Daytime running lamps for power-driven vehicles                                                                                             | see item 20A    |                     |              |       |               |                                                                             |                     |
| 22C. Side-marker lamps for motor vehicles and their trailers                                                                                     | see item 20A    |                     |              |       |               |                                                                             |                     |
| 23A. Direction indicators for power-driven vehicles and their trailers                                                                           | see item 20A    |                     |              |       |               |                                                                             |                     |
| 24A. Illumination of rear-registration plates of power-driven vehicles and their trailers                                                        | see item 20A    |                     |              |       |               |                                                                             |                     |
| 25A. Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both                  | see item 20A    |                     |              |       |               |                                                                             |                     |
| 25B. Filament lamps for use in approved lamp units of power-driven vehicles and their trailers                                                   | see item 20A    |                     |              |       |               |                                                                             |                     |
| 25C. Motor vehicle headlamps equipped with gas-discharge light sources                                                                           | see item 20A    |                     |              |       |               |                                                                             |                     |
| 25D. Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles                                           | see item 20A    |                     |              |       |               |                                                                             |                     |
| 25E. Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules | see item 20A    |                     |              |       |               |                                                                             |                     |
| 25F. Adaptive front-lighting systems (AFS) for motor vehicles                                                                                    | see item 20A    |                     |              |       |               |                                                                             |                     |
| 26A. Power-driven vehicle front fog lamps                                                                                                        | see item 20A    |                     |              |       |               |                                                                             |                     |





Information Folder No. : FBD

| Subject                                                                                                    | Approval number                      | Approval date | Variants / or / Versions                                                                                                                                               |   |
|------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 27A. Towing device                                                                                         | e5* 2021/535/VII*2021/535*00001* 00  | 01.11.2022    | ????D?X/,????D?Y/                                                                                                                                                      | @ |
| 28A. Rear fog lamps for power-driven vehicles and their trailers                                           | see item 20A                         |               |                                                                                                                                                                        |   |
| 29A. Reversing lights for power-driven vehicles and their trailers                                         | see item 20A                         |               |                                                                                                                                                                        |   |
| 30A. Parking lamps for power- driven vehicles                                                              | see item 20A                         |               |                                                                                                                                                                        |   |
| 31A. Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems           | E1* 16R08/02* 1555* 07               | 05.11.2021    | ????D?X/,????D?Y/                                                                                                                                                      |   |
|                                                                                                            | E1* 16R08/02* 1756* 01               | 05.04.2022    | ????D?X/,????D?Y/                                                                                                                                                      |   |
| 33A. Location and identification of hand controls, tell-tales and indicators                               | E1* 121R01/04* 0397* 05              | 26.09.2022    | ????D?X/                                                                                                                                                               | @ |
| 36A. Heating systems                                                                                       | E1* 122R00/06* 0430* 06              | 30.09.2022    | ????D?X/,????D?Y/                                                                                                                                                      | @ |
| 41A. Emissions (Euro VI) heavy duty vehicles/access to information                                         | e5* 595/2009*2019/1939E*00095* 01    | 12.10.2022    | BKHA????/, BLHA????/                                                                                                                                                   | @ |
| 45A. Safety glazing materials and their installation on vehicles                                           | E11* 43R01/07* 6672* 07              | 18.10.2022    | ????D?X/,????D?Y/                                                                                                                                                      | @ |
| 46A. Installation of tyres                                                                                 | E11* 142R01/00* 0068* 01             | 11.10.2022    | all                                                                                                                                                                    | @ |
| 46C. Pneumatic tyres for commercial vehicles and their trailers (Classes C2 and C3)                        | See item 46A.                        |               |                                                                                                                                                                        |   |
| 46D. Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C1, C2 and C3) | See item 46A.                        |               |                                                                                                                                                                        |   |
| 47A. Speed limitation of vehicles                                                                          | E11* 89R00/03* 2061* 08              | 08.04.2022    | BKHA?D?X, BKHA?D?Y, BLHA?D?X, BLHA?D?Y/                                                                                                                                |   |
| 48A. Masses and dimensions                                                                                 | e5* 2021/535/XIII*2021/535*00002* 00 | 01.11.2022    | all                                                                                                                                                                    | @ |
| 50A. Mechanical coupling components of combinations of vehicles                                            | E11* 55R02/01* 9615* 14              | 08.12.2022    | /C???AH?????AB,<br>/C???AH?????AC,<br>/C???AH?????AP,<br>/C???JH?????AB,<br>/C???JH?????AP,<br>/C???KH?????AB,<br>/Y???AH?????AB,<br>/Y???JH?????AB,<br>/Y???KH?????AB | @ |
| 52A. M2 and M3 vehicles                                                                                    | E11* 107R08/03* 1056* 07             | 02.03.2021    | /C???A?????AB,<br>/C???A?????AC,<br>/C???K?????AB,<br>/F???A?????AB,<br>/F???K?????AB,<br>/H???A?????AB,<br>/H???K?????AB,<br>/J???A?????AB,<br>/J???K?????AB          |   |
|                                                                                                            | Not applicable                       |               | /J???A?????AP,<br>/J???J?????AB,<br>/J???J?????AP,<br>/J???K?????AB                                                                                                    |   |
| 52B. Strength of the superstructure of large passenger vehicles                                            | E11 66R021078                        | 08.03.2017    | /J?????????AB                                                                                                                                                          |   |
|                                                                                                            | Not applicable                       |               | /J?????????AB,<br>/J?????????AP,<br>/C?????????AB,<br>/C?????????AC,<br>/F?????????AB,<br>/H?????????AB                                                                |   |
| 62. Hydrogen systems                                                                                       | Not applicable                       |               |                                                                                                                                                                        |   |
| 63. General safety                                                                                         | Not applicable                       |               |                                                                                                                                                                        |   |
| 65. Advanced emergency braking system                                                                      | E11* 131R01/02* 0204* 06             | 08.04.2022    | BKHA????/, BLHA????/                                                                                                                                                   |   |
| 66. Lane departure warning system                                                                          | E11* 130R00/01* 0502* 04             | 11.10.2022    | ????D?X/,????D?Y/                                                                                                                                                      | @ |
| 67. Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles       | Not applicable                       |               |                                                                                                                                                                        |   |
| 69. Electric safety                                                                                        | Not applicable                       |               | BKHA????/, BLHA????                                                                                                                                                    |   |
| 70. Specific components for CNG and their installation on motor vehicles                                   | Not applicable                       |               |                                                                                                                                                                        |   |





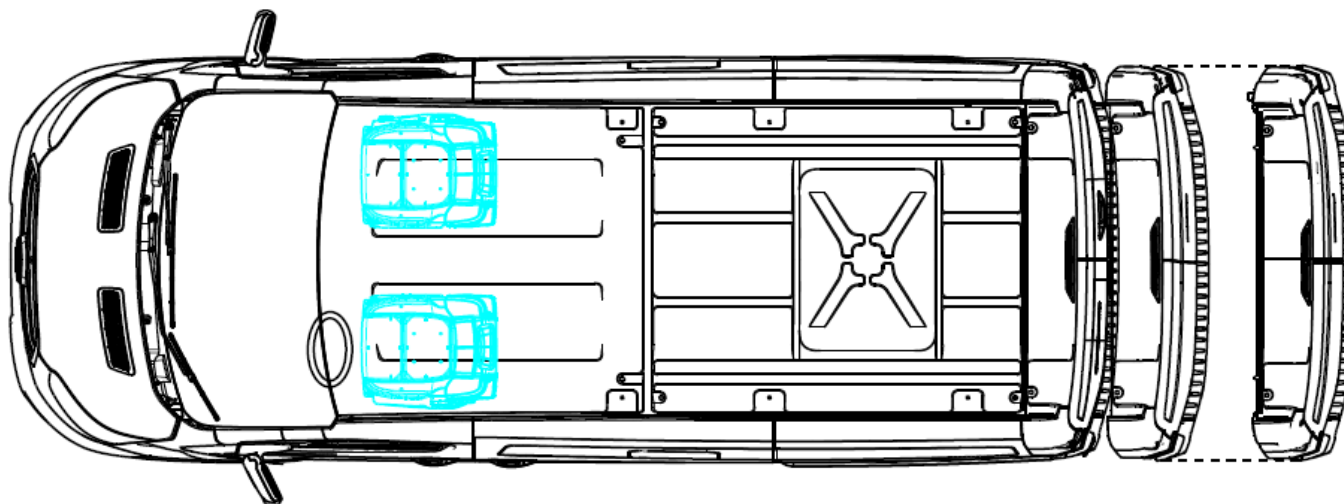
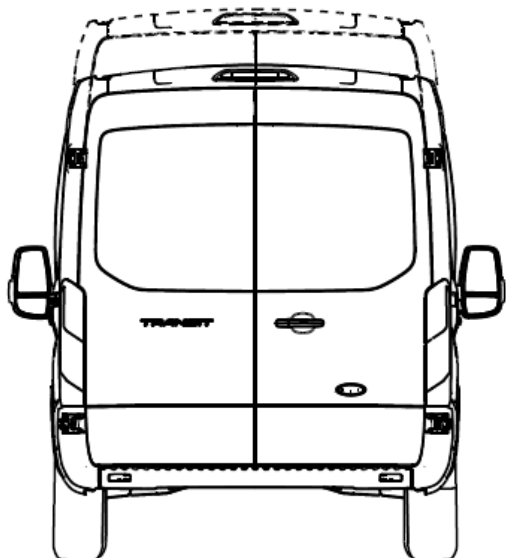
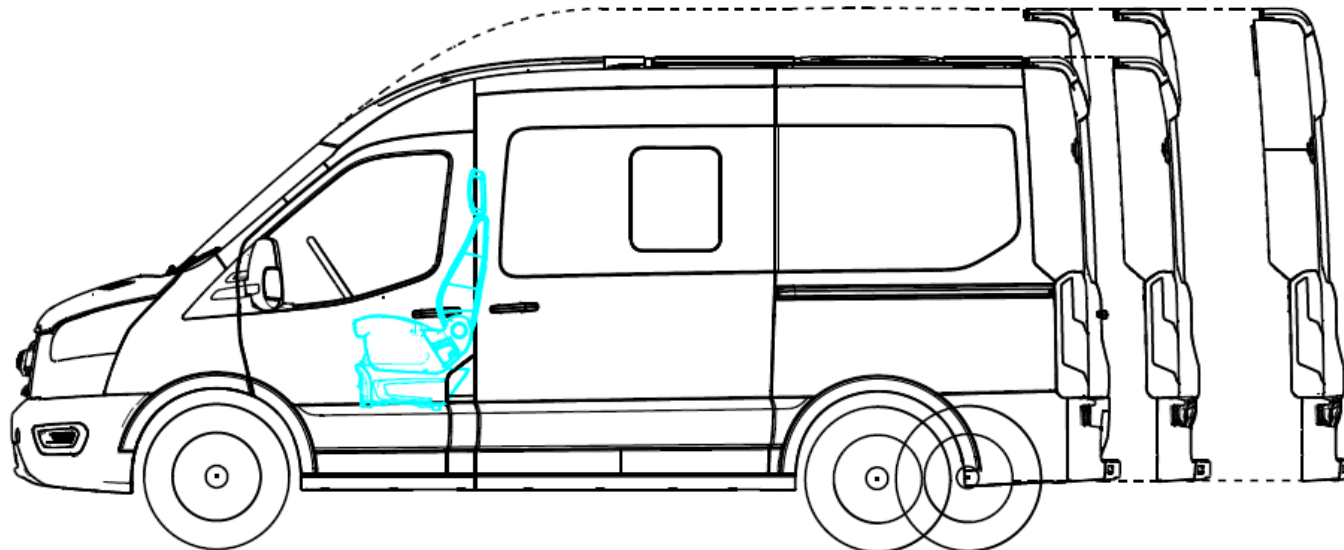
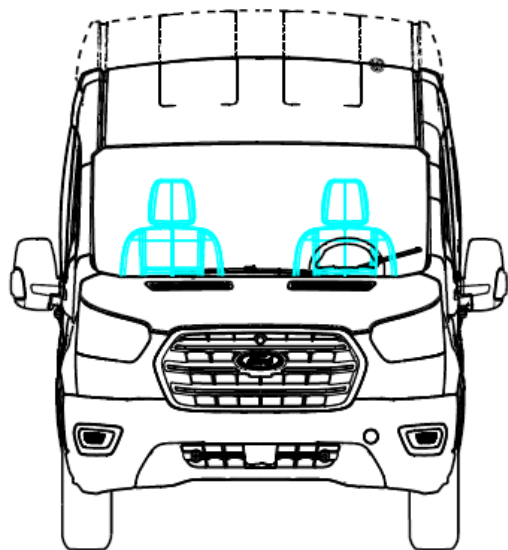
**Information Folder No. : FBD**

---

  
  
**Mr. Michael Schirrwagen**  
Manager Homologation  
Sustainability, Environment & Safety  
Engineering: Ford-Werke GmbH

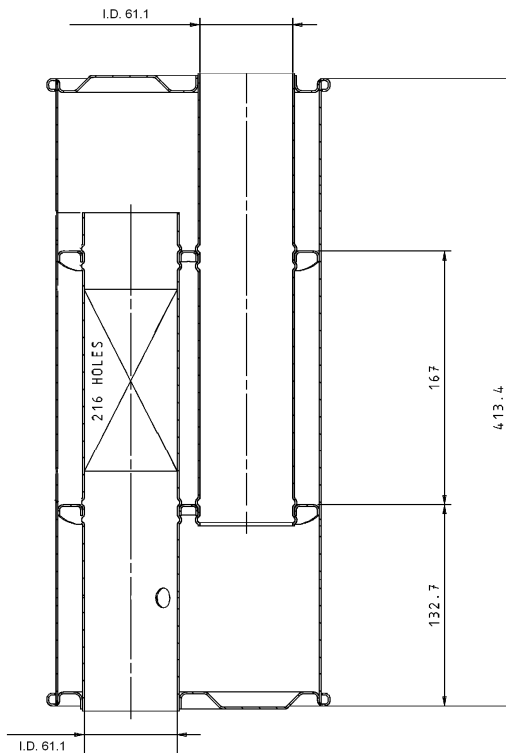
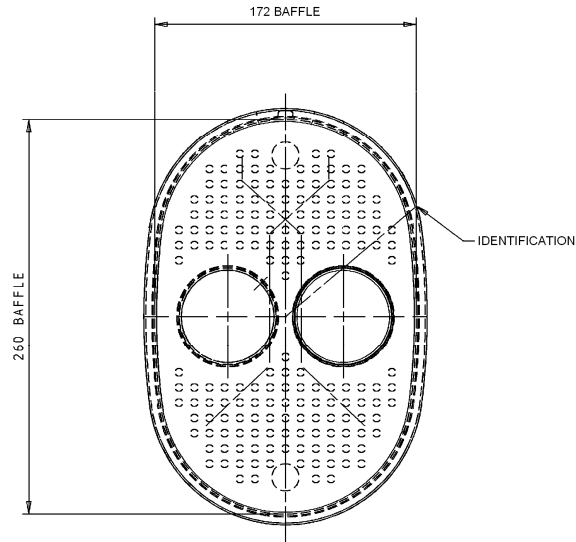
Date: 8.12.2022





|           |             |            |             |               |                                   |                           |
|-----------|-------------|------------|-------------|---------------|-----------------------------------|---------------------------|
| Reference | <b>FORD</b> | Issue Date | 11-JAN-2019 | Revision Date | Title                             | Attachment Number         |
|           |             |            |             |               | <b>GENERAL VBK DERIVED BODIES</b> | <b>HL-KK31-000056-001</b> |

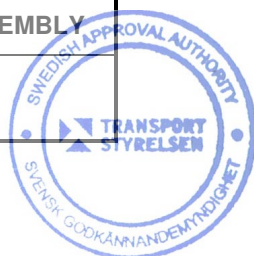


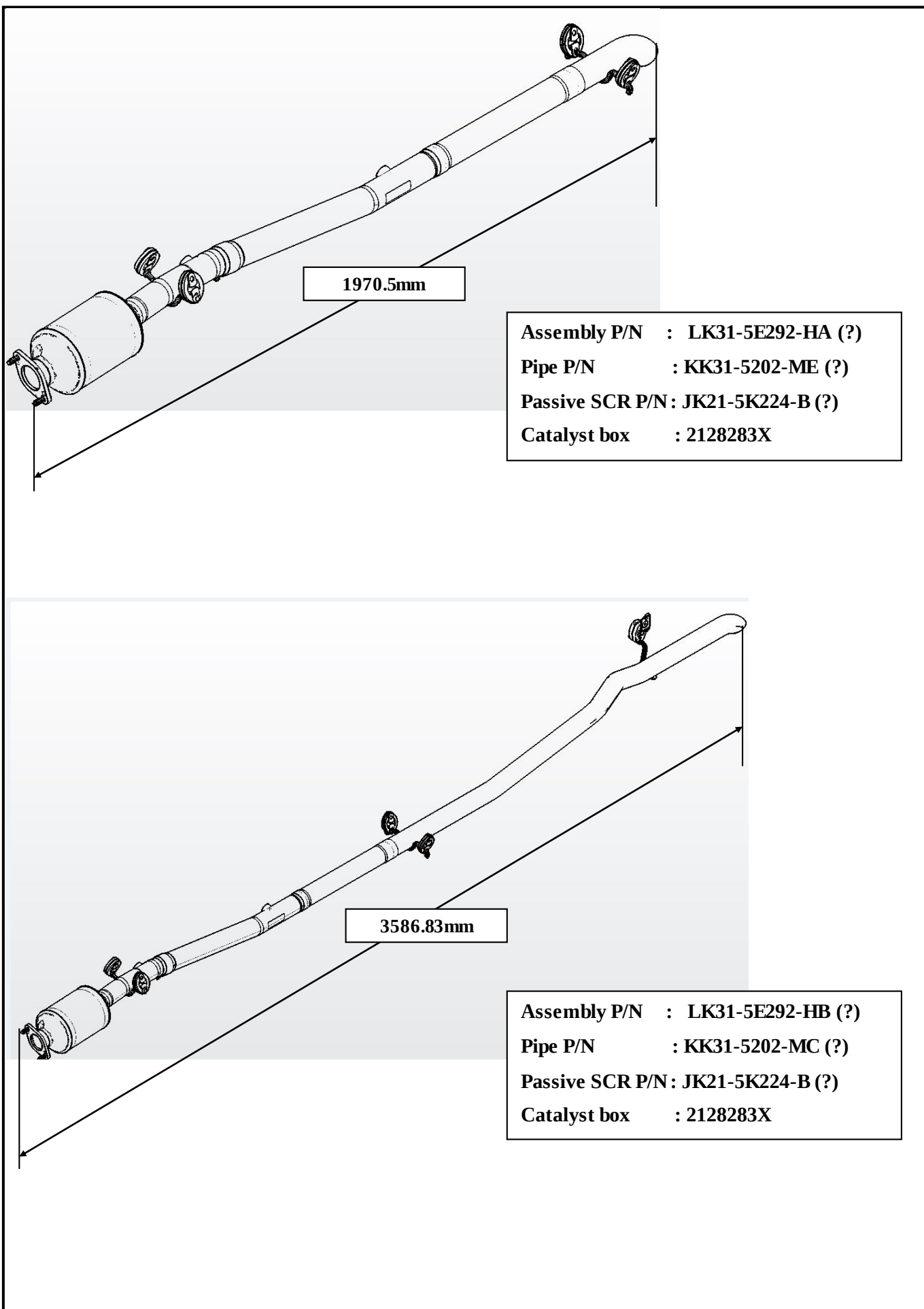


NOTES :-

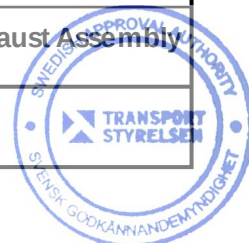
1. VOLUME = 15LTRS
2. SUPPLIER P/N : XE4063761

|           |               |                                             |
|-----------|---------------|---------------------------------------------|
| Reference | Issue Date    | Title                                       |
| V363      | 03-Jun-2015   | 2.0L, RWD, I4 PANTHER, MUFFLER BOX ASSEMBLY |
| FORD      | Revision Date | Attachment Number                           |
|           |               | HL-GK31-090100-001                          |

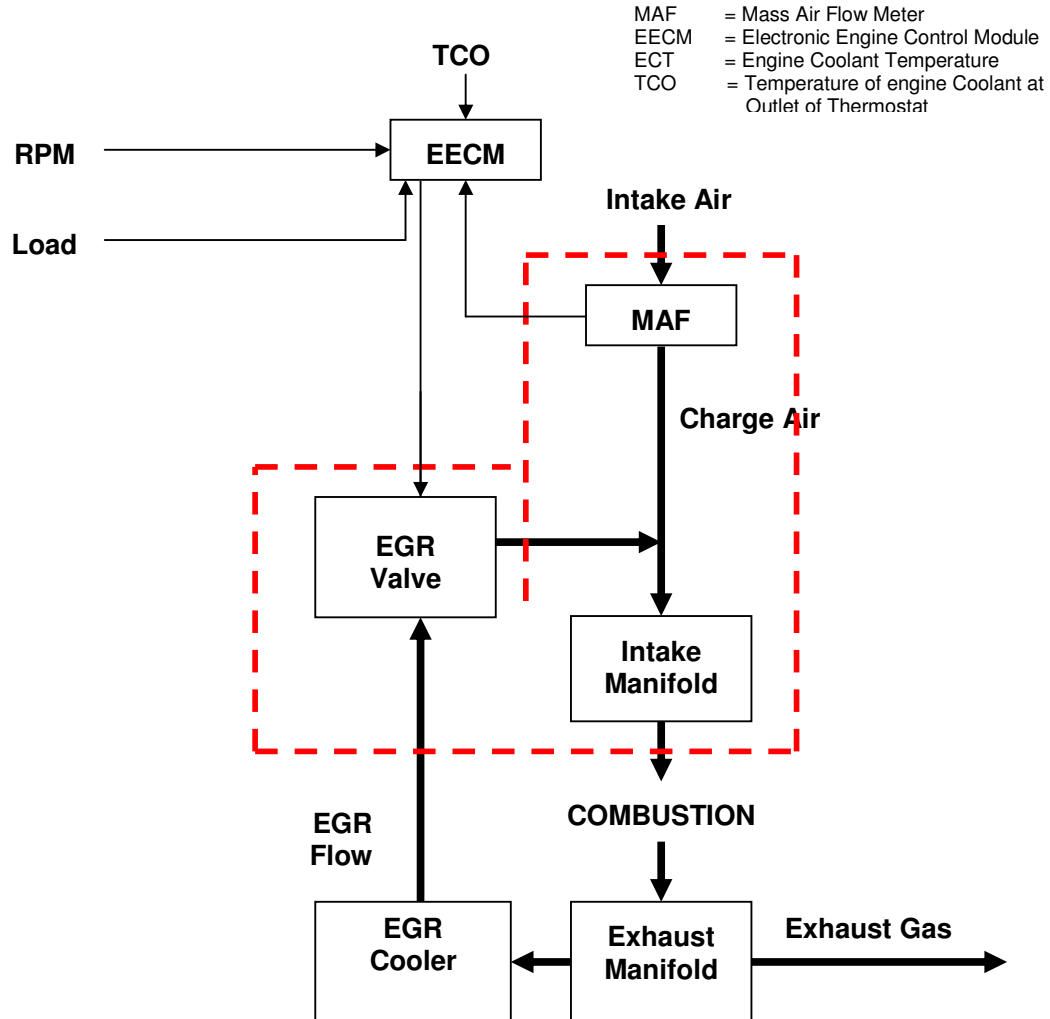




|                          |                                 |                                                          |
|--------------------------|---------------------------------|----------------------------------------------------------|
| Reference<br><b>V363</b> | Issue Date<br><b>05/02/2020</b> | Title<br><b>Heavy Duty FWD Cold-End Exhaust Assembly</b> |
| <b>FORD</b>              | Revision Date                   | Attachment Number<br><b>HL-KK31-090000-002</b>           |



## EGR System Description (Exhaust Gas Re-Circulation)



### System Description

Exhaust gas from the exhaust manifold is reintroduced into the intake manifold via the EGR valve. The EGR valve controls the rate of EGR flow that mixes with the fresh charge air from the compressor. The Electronic Engine Control Module (EECM) monitors the engine condition parameters and calculates the appropriate signal to operate the EGR valve. To provide accurate EGR metering, the Mass Air Flow Meter (MAF) feeds a signal back to the EECM which in turn adjusts the signal to the EGR valve.

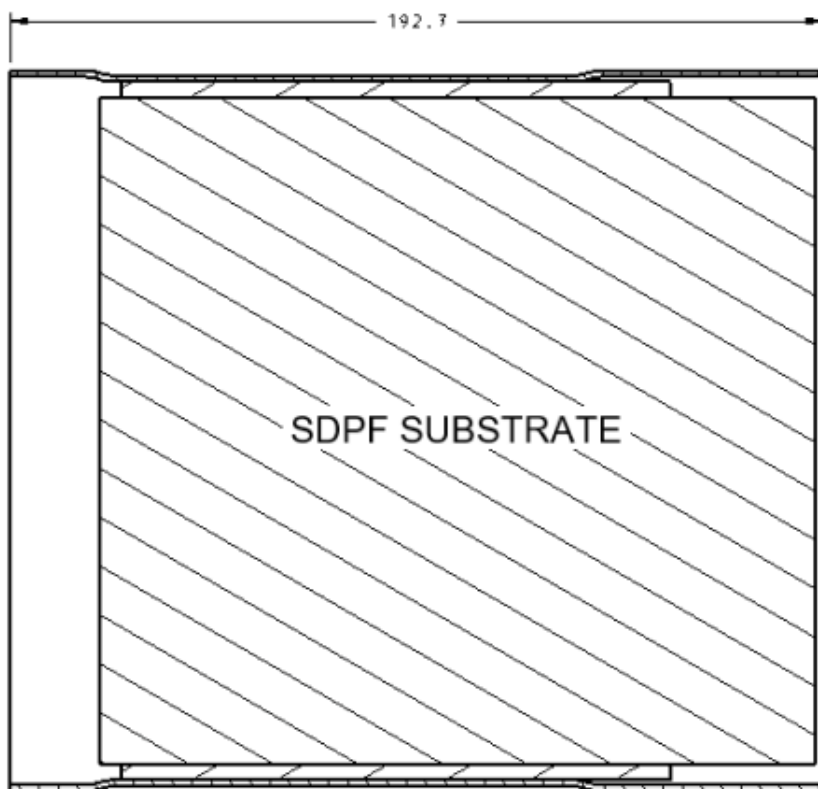
### Specific EGR Control Parameters

EGR is controlled indirectly via closed loop control against desired Mass Air Flow appropriate to the fuelling level up to a maximum of approximately 90% available torque. Required Mass Air Flow is further adjusted by the following parameters:-

Engine Speed: Reduced EGR rates above 3200 Rev / Min;  
 Engine Coolant Temperature: Above a minimum of 0°C;  
 EGR rates are automatically compensated for altitude by the MAF to maintain Air Fuel Ratio to a maximum of 1500m

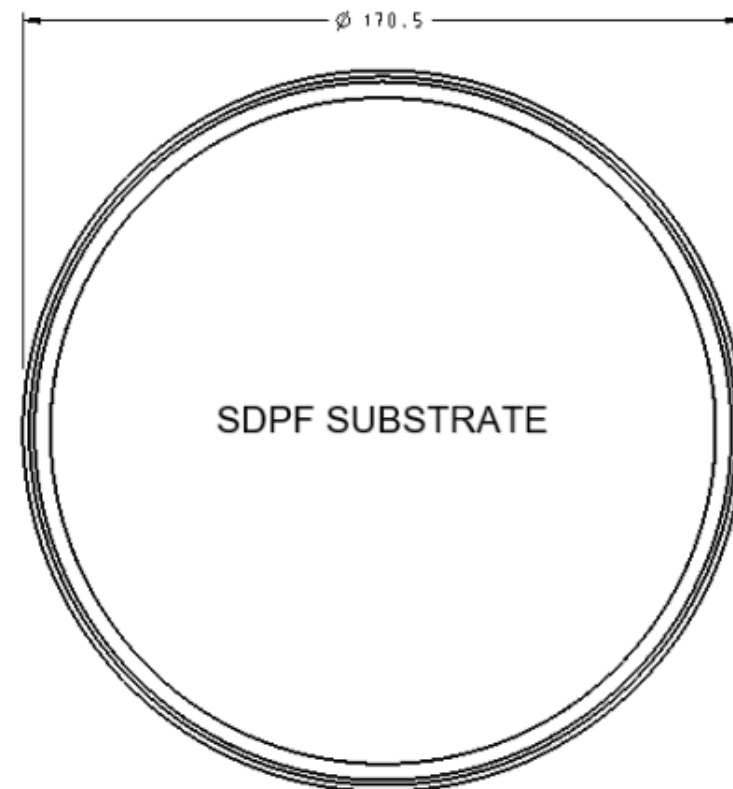
|                     |                                  |                                                           |
|---------------------|----------------------------------|-----------------------------------------------------------|
| Type<br><b>V36x</b> | Issue Date<br><b>03-Jun-2015</b> | Title<br><b>2.0L, FWD/RWD, I4 PANTHER,<br/>EGR SYSTEM</b> |
| <b>FORD</b>         | Revision Date                    | DrawingNumber<br><b>HL-GK21-030804-001</b>                |





SDPF SUBSTRATE Ø157.48 x 169.4 LG mm  
Part Number: JK21-5H251-A(?)

350/12 CELLS / in<sup>2</sup>  
CERAMIC HONEYCOMB  
PRECIOUS METAL :- N/A g/ft<sup>3</sup>  
RATIO :- N/A Pt : Pd : Rh  
VOLUME :- 3.3 Litres

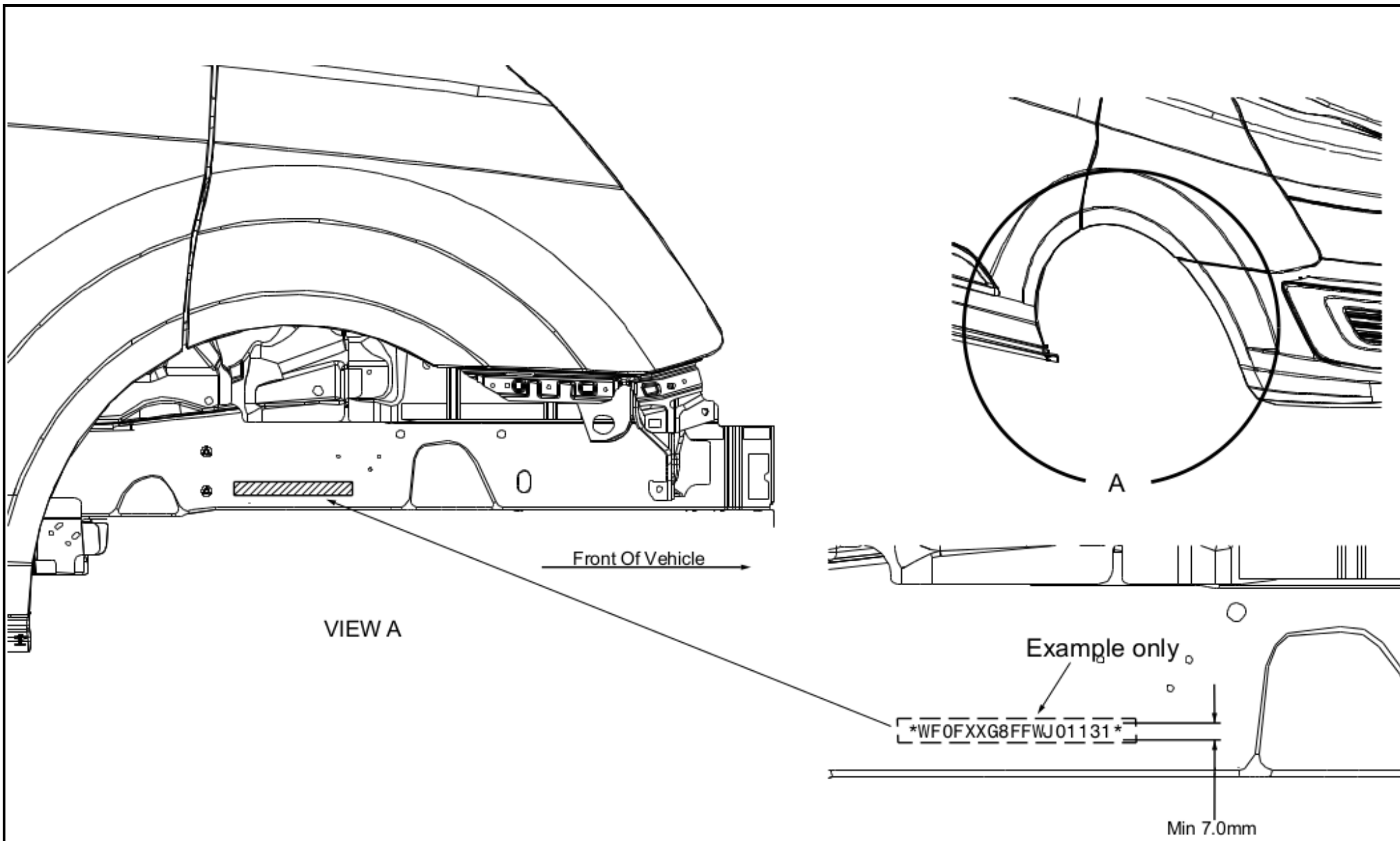


SHELL MATERIAL :- STAINLESS STEEL

WASHCOAT :- SF731R

| Reference |      | Issue Date  | Revision Date | Title                                                            | Attachment Number  |
|-----------|------|-------------|---------------|------------------------------------------------------------------|--------------------|
| V363      | FORD | 11-FEB-2020 |               | 2.0L, RWD/FWD, I4 PANTHER, EU6.2, HDT<br>SDPF SUBSTRATE, HOT END | HL-JK21-090200-004 |

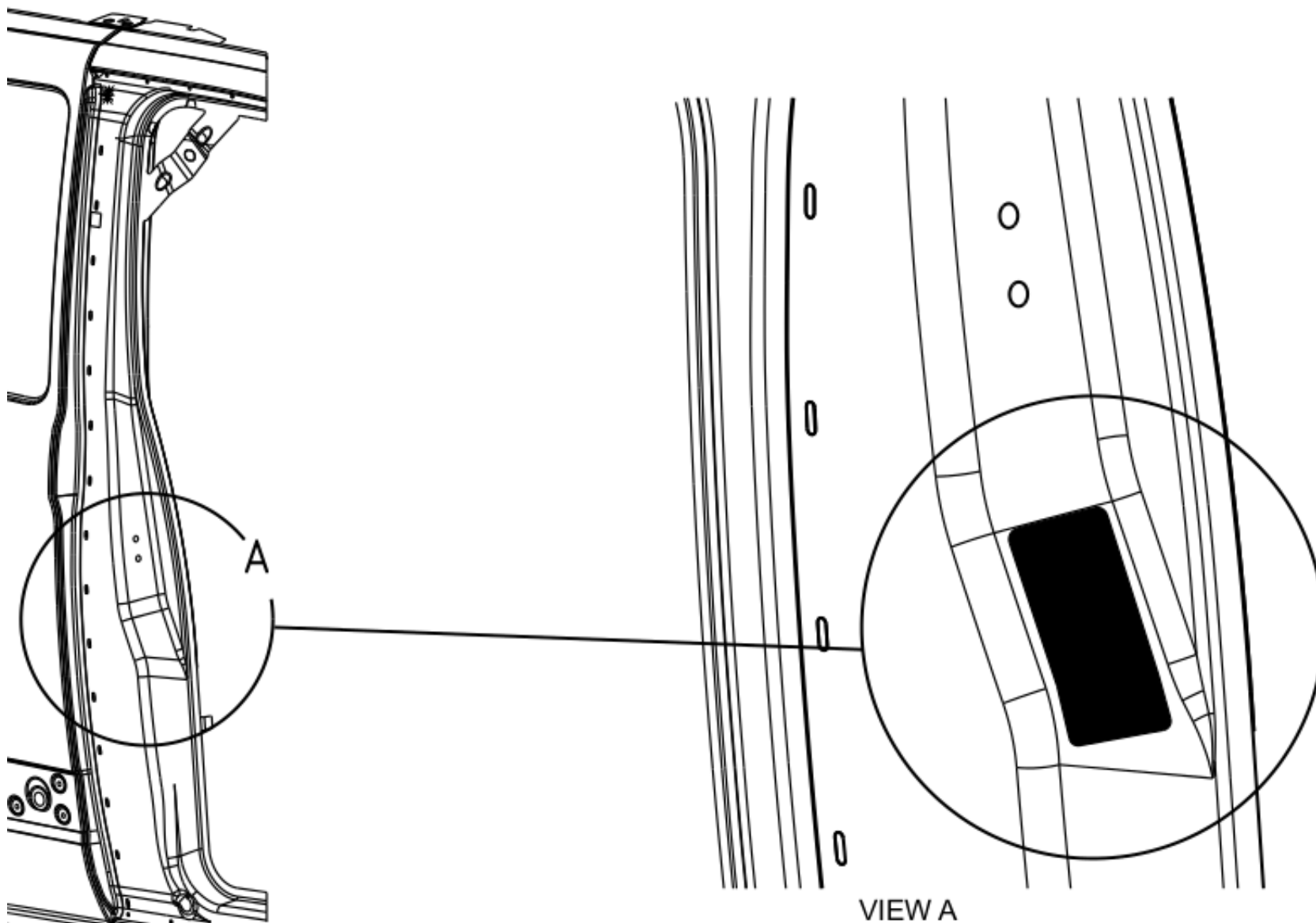




Simplified drawing

| Reference | Issue Date  | Revision Date | Title                      | Attachment Number  |
|-----------|-------------|---------------|----------------------------|--------------------|
| FORD      | 17-Jan-2012 | 22-Oct-2014   | FRONT APRON CHASSIS NUMBER | HL-BK21-000100-011 |



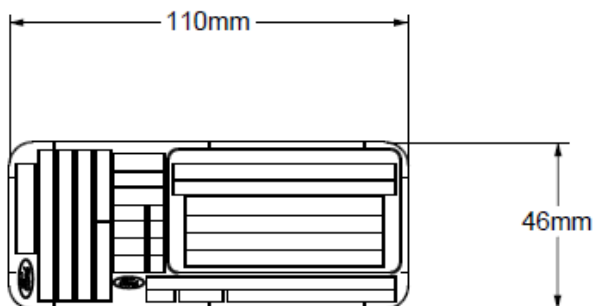
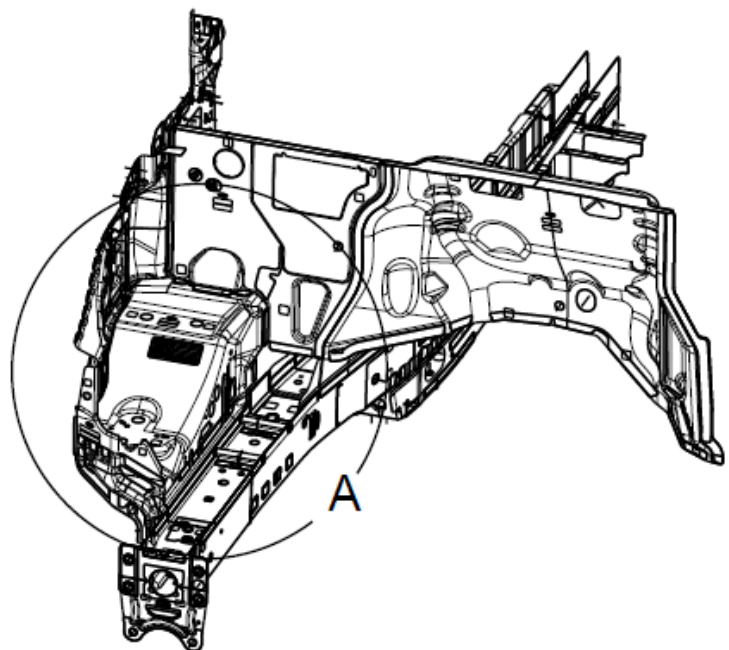


Simplified drawing

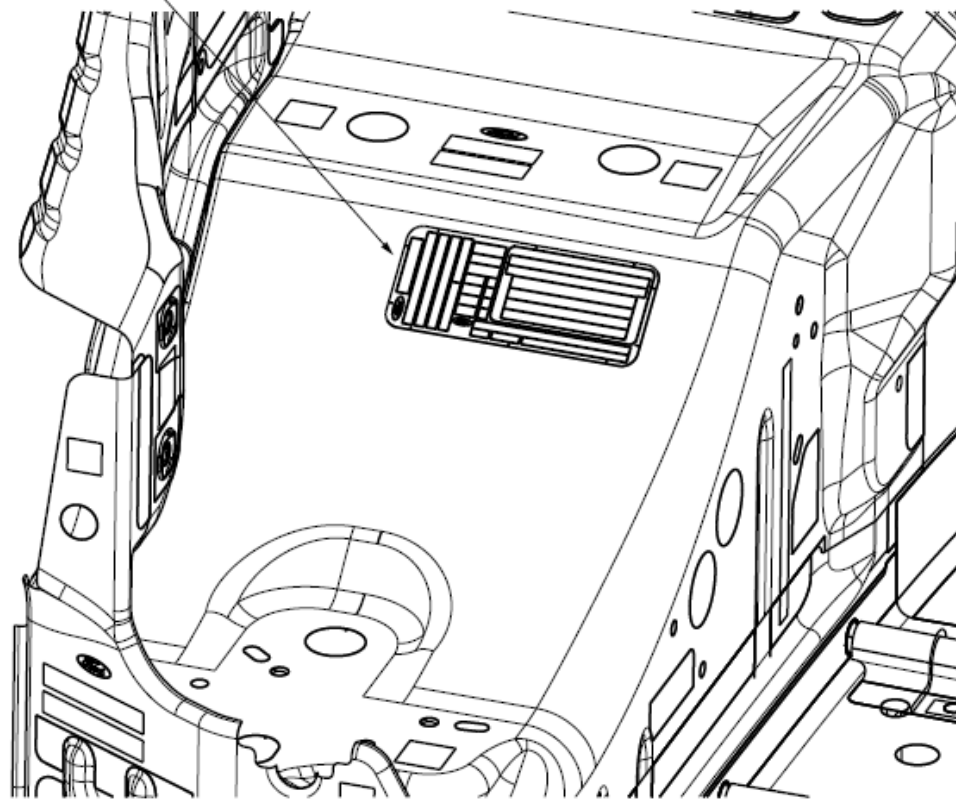
FIT TO KERB SIDE B PILLAR ACCORDING TO DRIVE

|           |             |            |             |               |             |       |                                                |                   |                           |
|-----------|-------------|------------|-------------|---------------|-------------|-------|------------------------------------------------|-------------------|---------------------------|
| Reference | <b>FORD</b> | Issue Date | 17-Jan-2012 | Revision Date | 22-Oct-2014 | Title | <b>LABEL VEHICLE IDENTIFICATION<br/>NUMBER</b> | Attachment Number | <b>HL-BK21-000100-012</b> |
|-----------|-------------|------------|-------------|---------------|-------------|-------|------------------------------------------------|-------------------|---------------------------|





VIN LABEL

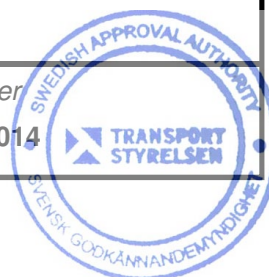


VIEW A

Simplified drawing

|           |             |                            |               |                                                                        |                                         |
|-----------|-------------|----------------------------|---------------|------------------------------------------------------------------------|-----------------------------------------|
| Reference | <b>FORD</b> | Issue Date<br>17-June-2017 | Revision Date | Title<br>Label Vehicle Identification<br>Number – Alternative Position | Attachment Number<br>HL-BK31-000100-014 |
|-----------|-------------|----------------------------|---------------|------------------------------------------------------------------------|-----------------------------------------|

Homologation Drawing Form: 01-Jan-2016 – FORD HOMOLOGATION



# FORD

Type Approval Number

VIN Number

Gross Vehicle Mass (GVM) kg

Gross Train Mass (GTM) kg

Maximum Mass Front Axle kg

Maximum Mass Rear Axle kg

Height of Characters for VIN Number: min. 4,0 mm

Reference

**FORD**

Issue Date

**17-Jan-2012**

Revision Date

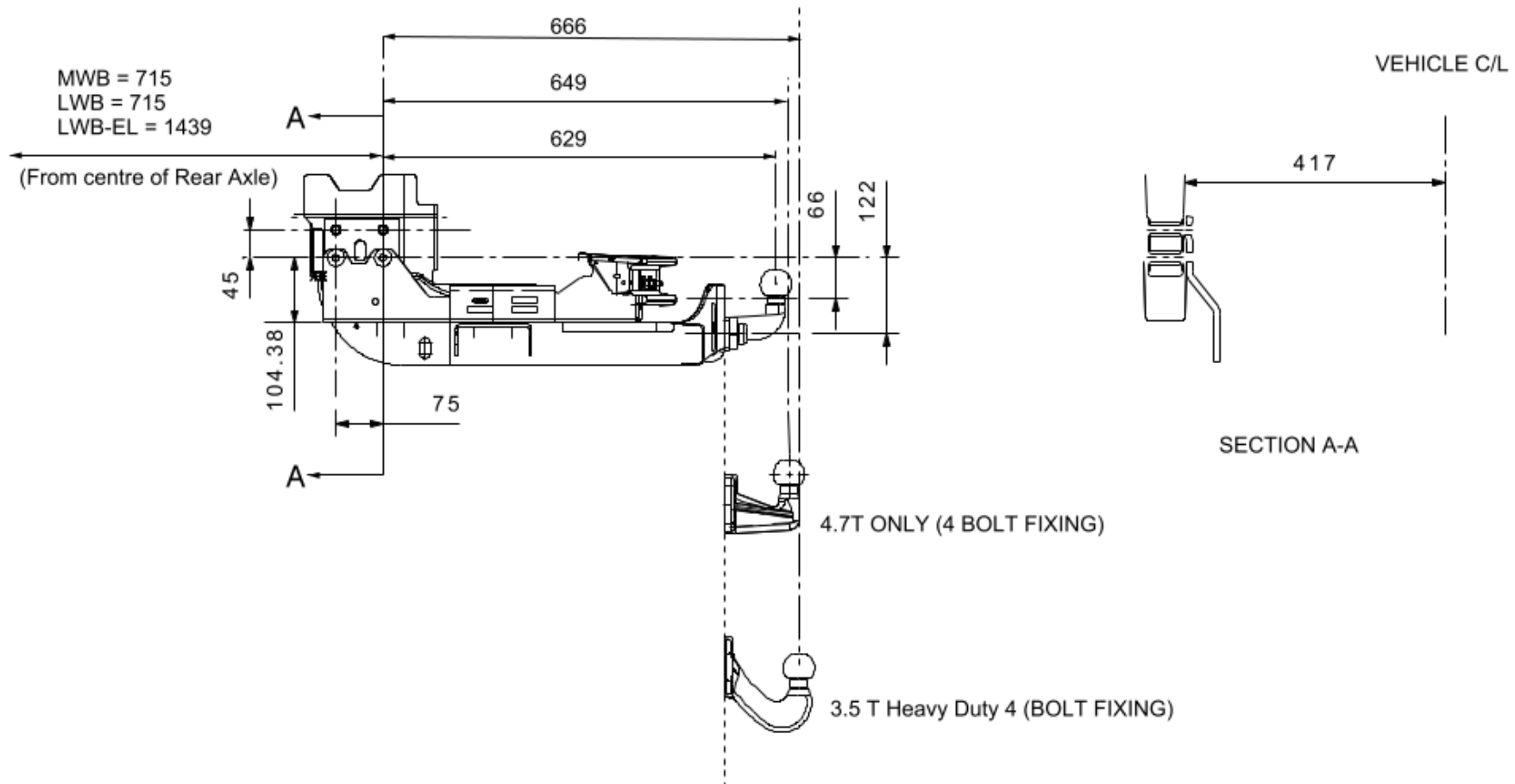
Title

**VEHICLE IDENTIFICATION PLATE  
(OFFICIAL PART)**

Attachment Number

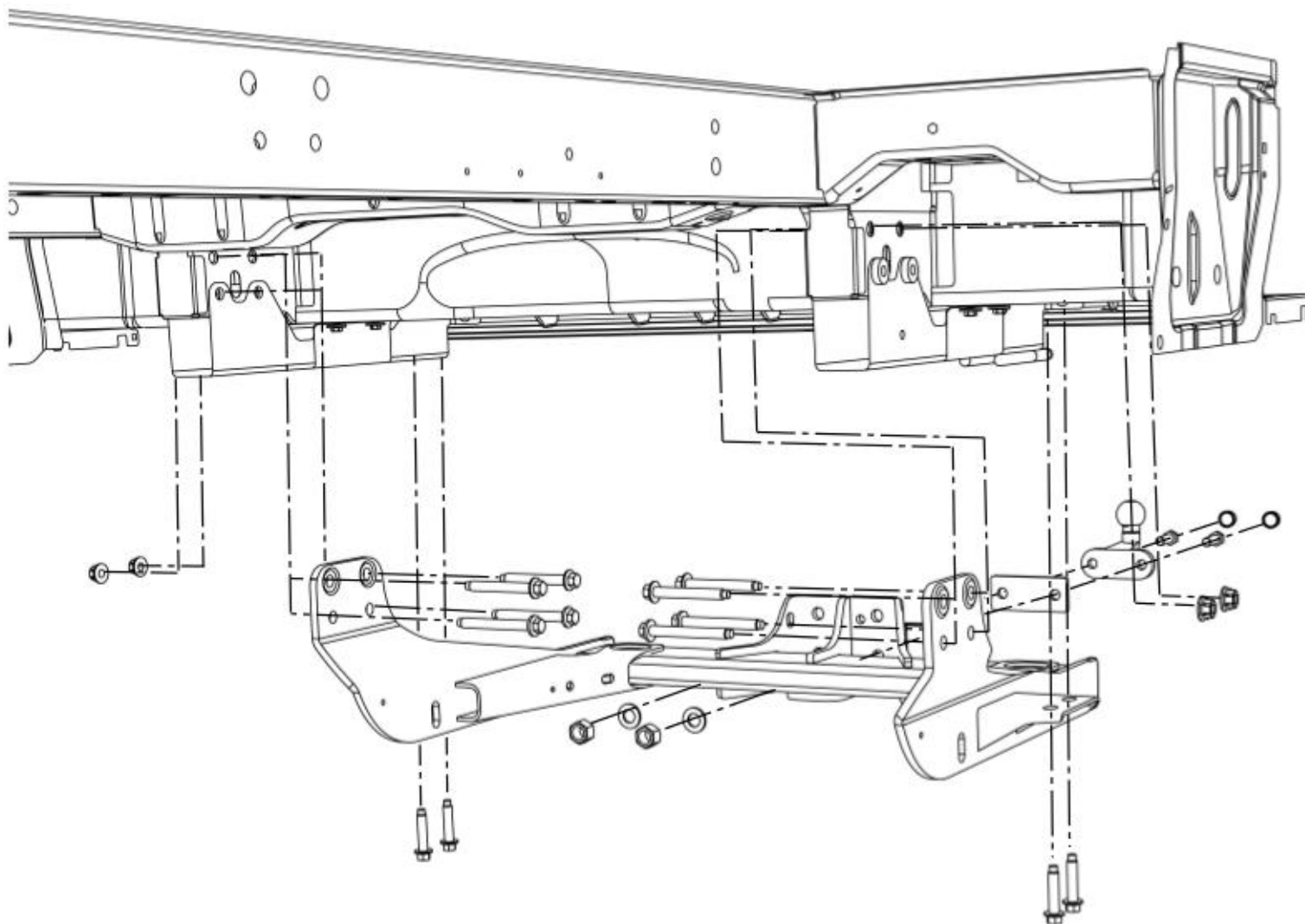
**HL-BK21-000100-013**





| Reference | Issue Date  | Revision Date | Title                     | Attachment Number  |
|-----------|-------------|---------------|---------------------------|--------------------|
| FORD      | 22-JAN-2013 |               | VBK tow ball installation | HL-DK31-020402-001 |





| Reference | Issue Date  | Revision Date | Title                    | Attachment Number  |
|-----------|-------------|---------------|--------------------------|--------------------|
| FORD      | 22-JAN-2013 |               | VBK tow bar installation | HL-DK31-020402-004 |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Ford-Werke GmbH</b><br><br>Postanschrift:<br>Ford-Werke GmbH<br>Spessartstraße 1<br>D-50725 Köln<br><br>Simin Lostar Schraepfer<br>Director, Quality VO NML<br><br><br><p style="text-align: center;">Tuesday, October 4th, 2022</p> <p>The Certificates of Conformity (CoC) according to Regulation (EU) 2018/858 Article 36<br/>for vehicles manufactured by</p> <p>Ford-Werke GmbH<br/>         Henry-Ford-Straße 1<br/>         50735 Köln<br/>         Germany</p> <p>and</p> <p>manufactured by companies,<br/>         for which Ford-Werke GmbH acts as manufacturer's representative</p> <p>will be signed by</p> <div style="text-align: center;"> <br/>         Simin Lostar Schraepfer<br/>         Director, Quality VO NML       </div> <div style="font-size: small; margin-top: 20px;">         11/19 Sitz der Gesellschaft Köln - Registergericht Köln, HRB 54183 - Vorsitzender des Aufsichtsrates: Stuart Rowley<br/>         Geschäftsführung: Martin Bander (Vorsitzender) - Rainer Ludwig (Stellvertretender Vorsitzender) - Jörg Beyer - Joost Van Dijk - Dr.<br/>         Clemens Doepgen - Dr. Kim Jungat - Dr. Christian Wänglinger, Rene Wolf       </div> | <br><b>Ford-Werke GmbH</b><br><b>Geschäftsführung</b><br><br>Postanschrift:<br>Ford-Werke GmbH<br>Spessartstraße 1<br>D-50725 Köln<br><br>Joerg Beyer<br>Mitglied der Geschäftsführung<br><br><br><p style="text-align: center;">Wednesday, December 1st, 2021</p> <p>The Certificates of Conformity (CoC) according to Regulation (EU) 2018/858 Article 36<br/>for vehicles manufactured by</p> <p>Ford-Werke GmbH<br/>         Henry-Ford-Straße 1<br/>         50735 Köln<br/>         Germany</p> <p>and</p> <p>manufactured by companies,<br/>         for which Ford-Werke GmbH acts as manufacturer's representative</p> <p>will be signed by</p> <div style="text-align: center;"> <br/>         Joerg Beyer<br/>         Member of the Management Board       </div> <div style="font-size: x-small; margin-top: 20px;">         11/19 Ford-Werke GmbH<br/>         Henry-Ford-Straße 1, 50735 Köln<br/>         Sitz der Gesellschaft, Köln, Registergericht Köln, HRB 54183<br/>         Vorsitzender des Aufsichtsrats: Stuart Rowley<br/>         Geschäftsführung: Guntar Härmann (Vorsitzender), Hans Jörg Klein (Stellvertretender Vorsitzender), Jörg Beyer, Joost Van<br/>         Dijk, Dr. Clemens Doepgen, Dr. Kim Jungat, Rainer Ludwig, Rene Wolf       </div> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Reference | Issue Date  | Revision Date | Title          | Attachment Number |
|-----------|-------------|---------------|----------------|-------------------|
| FORD      | 29-Apr-2009 | 04-Oct-2022   | CoC Signatures | HL-0000-SIGN-001  |



# TEST RESULTS

(Annex VI of Commission Implementing Regulation (EU) 2020/683)

Type: FBD

## 1. Results of the sound level tests

Please provide the number of the regulatory act laying down the applicable requirements and the number of its latest amendment. Where the regulatory act provides for two or more implementation stages, please also indicate the implementation stage:

Base regulatory act:

ECE R51.00

| Variant  | Version        | Latest amending regulatory act | Moving [dB(A)/E] | Stationary [dB(A)/E] | at [min <sup>-1</sup> ] |
|----------|----------------|--------------------------------|------------------|----------------------|-------------------------|
| BKHA2D?? | ??M??????????? | R51.03                         | 68.00            | 80.00                | 2625                    |
| BLHA2D?? | ??M??????????? | R51.03                         | 68.00            | 80.00                | 2625                    |
|          | ??R??????????? | R51.03                         | 68.00            | 78.70                | 2625                    |

## TEST RESULTS

(Annex VI of Commission Implementing Regulation (EU) 2020/683)

Type: FBD

### 2. Results of the exhaust emission tests

#### 2.1. to 2.1.7.

Not applicable

#### Ambient Temperature Correction Test (ATCT)

#### Family correction factors

### 2.2. Emissions from engines tested under the test procedure for heavy-duty-vehicles

Please provide the number of the regulatory act laying down the applicable requirements or, where amended, the number of its latest amendment. Where the regulatory act provides for two or more implementation stages, please also indicate the implementation stage:

| Variant  | Fuel(s) | Latest amending regulatory act |
|----------|---------|--------------------------------|
| BKHA???? | Diesel  | 2019/1939E                     |
| BLHA???? | Diesel  | 2019/1939E                     |

#### 2.2.1. Results of the ESC test

| Variant  | Version         | CO<br>[mg/kWh] | THC<br>[mg/kWh] | NO <sub>x</sub><br>[mg/kWh] | NH <sub>3</sub><br>[ppm] | Particulates<br>(mass)<br>[mg/kWh] | Particles<br>(number)<br>[#/kWh] |
|----------|-----------------|----------------|-----------------|-----------------------------|--------------------------|------------------------------------|----------------------------------|
| BKHA???? | ??????????????? | 69.030         | 6.630           | 172.270                     | 0.00                     | 1.930                              | 2.66 x 10 <sup>9</sup>           |
| BLHA???? | ??????????????? | 69.030         | 6.630           | 172.270                     | 0.00                     | 1.930                              | 2.66 x 10 <sup>9</sup>           |

#### 2.2.2. Result of the ELR test [m<sup>-1</sup>]

| Variant  | Version          | Smoke          |
|----------|------------------|----------------|
| BKHA???? | ??????????????AB | Not applicable |
| BLHA???? | ??????????????AB | Not applicable |
| BLHA???? | ??????????????AC | Not applicable |
| BLHA???? | ??????????????AP | Not applicable |

## TEST RESULTS

(Annex VI of Commission Implementing Regulation (EU) 2020/683)

**Type: FBD**

### 2.2.3. Result of the ETC test

| Variant  | Version        | CO<br>[mg/kWh] | THC<br>[mg/kWh] | NMHC [mg/kWh]  | CH4 [mg/kWh]   | NO <sub>x</sub><br>[mg/kWh] | NH <sub>3</sub><br>[ppm] | Particulates<br>(mass)<br>[mg/kWh] | Particles<br>(number)<br>[#/kWh] |
|----------|----------------|----------------|-----------------|----------------|----------------|-----------------------------|--------------------------|------------------------------------|----------------------------------|
| BKHA???? | ????????????AB | 51.010         | 32.410          | Not applicable | Not applicable | 188.730                     | 0.00                     | 2.880                              | $1.280 \times 10^{11}$           |
| BLHA???? | ????????????AB | 51.010         | 32.410          | Not applicable | Not applicable | 188.730                     | 0.00                     | 2.880                              | $1.280 \times 10^{11}$           |
| BLHA???? | ????????????AP | 51.010         | 32.410          | Not applicable | Not applicable | 188.730                     | 0.00                     | 2.880                              | $1.280 \times 10^{11}$           |
| BLHA???? | ????????????AC | 51.010         | 32.410          | Not applicable | Not applicable | 188.730                     | 0.00                     | 2.880                              | $1.280 \times 10^{11}$           |

### 2.2.4. Idle test

Not applicable

### 2.3. Diesel smoke

Please provide the number of the regulatory act laying down the applicable requirements or, where amended, the number of its latest amendment. Where the regulatory act provides for two or more implementation stages, please also indicate the implementation stage:

#### 2.3.1. Results of the test under free acceleration

Not applicable

## TEST RESULTS

(Annex VI of Commission Implementing Regulation (EU) 2020/683)

**Type: FBD**

**3. Results of the CO<sub>2</sub> emission, fuel/electric energy consumption, and electric range tests**

Please provide the number of the regulatory act laying down the applicable requirements or, where amended, the number of its latest amendment:

Not applicable

**3.1. Internal combustion engines, including not externally chargeable hybrid electric vehicles (NOVC)**

Not applicable

**3.2. Externally chargeable hybrid electric vehicles (OVC)**

Not applicable

**3.3. Pure electric vehicles**

Not applicable

**3.4. Hydrogen fuel cell vehicles**

Not applicable

**3.5. The correlation tool output report(s) referred to in Commission Implementing Regulation (EU) 2017/1152 or Commission Implementing Regulation (EC) No 2017/1153, and final NEDC values**

Not applicable

**3.5.1. Deviation factor**

Not applicable

**3.5.2. Verification factor**

Not applicable

## TEST RESULTS

(Annex VI of Commission Implementing Regulation (EU) 2020/683)

**Type: FBD**

**3.5.3. Internal combustion engines, including not externally chargeable hybrid electric vehicles (NOVC)**

Not applicable

**3.5.4. Externally chargeable hybrid electric vehicles (OVC)**

Not applicable

**4. Results of the tests for vehicles fitted with eco-innovation(s)**

**4.1. General code of the eco-innovation(s)**

Not applicable