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THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

28 August 2012

Dear Sir / Madam

Communication of approvals in accordance with Directive 2007/46/EC.

Please find enclosed the following documents certifying the homologation of the vehicle in accordance with Directive 2007/46/EC as last amended by Commission Regulation (EU) No.: 678/2011:

1. Homologation certificate e11*2007/46*0676*00 Revision 00 issued by the Vehicle Certification Agency as the Approval Authority in the United Kingdom.
2. Information document (Annex III of Directive 2007/46/EC).
3. Test results sheet (Annex VIII of Directive 2007/46/EC).
4. Name and specimen of the signature of the person authorised to sign certificates of conformity and their position in the company.

Yours faithfully

A.W. STENNING
Head of Technical and Quality Group



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COMMUNICATION CONCERNING THE APPROVAL GRANTED ⁽¹⁾/ ~~APPROVAL EXTENDED ⁽⁴⁾/~~
~~APPROVAL REFUSED ⁽⁴⁾/~~ ~~APPROVAL WITHDRAWN ⁽⁴⁾~~ OF A TYPE OF: COMPLETE VEHICLE ⁽¹⁾/
~~COMPLETED VEHICLE ⁽¹⁾/~~ ~~INCOMPLETE VEHICLE ⁽⁴⁾/~~ ~~VEHICLE WITH COMPLETE AND~~
~~INCOMPLETE VARIANTS ⁽⁴⁾/~~ ~~VEHICLE WITH COMPLETED AND INCOMPLETE VARIANTS ⁽⁴⁾~~
WITH REGARD TO DIRECTIVE 2007/46/EC AS LAST AMENDED BY COMMISSION
REGULATION (EU) NO. 678/2011

EC type-approval number: e11*2007/46*0676*00

Reason for extension: Not applicable

SECTION I

0.1. Make (trade name of manufacturer): FORD

0.2. Type: FAC

0.2.1 Commercial name(s) ⁽²⁾: Tourneo Custom / Transit Custom

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

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

0.4. Category of vehicle ⁽³⁾: M1

0.5. Name and address of manufacturer of the complete vehicle ⁽¹⁾:

Ford-Werke GmbH
50725 Koeln
Germany

Name and address of manufacturer of the base vehicle ^{(1) (4)}: Not applicable

Name and address of manufacturer of the latest built stage of the incomplete vehicle ^{(1) (4)}: Not applicable

Name and address of manufacturer of the completed vehicle ^{(1) (4)}: Not applicable

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

Ford Motor Co. Ltd
Southampton
S09 2LH
England
United Kingdom

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 ⁽¹⁾:

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

2. ~~For incomplete vehicles / variants~~ ⁽⁴⁾:

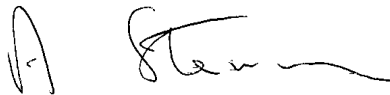
~~The vehicle type meets / does not meet~~ ⁽⁴⁾ ~~the technical requirements of the regulatory acts listed in the table on side 2.~~

3. The approval is GRANTED / ~~EXTENDED / REFUSED / WITHDRAWN~~ ⁽¹⁾

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

Place: BRISTOL

Signature:



A.W. STENNING
Head of Technical and Quality Support Group

Date: 28 AUGUST 2012

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 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 Not applicable

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:
- EC type-approval number:
Dated:
Applicable to variants or versions (as appropriate):
- Stage 2: Manufacturer:
- EC type-approval number:
Dated:
Applicable to variants or versions (as appropriate):
- Stage 3: Manufacturer:
- 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):

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

(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:

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.



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APPROVAL NUMBER: e11*2007/46*0676*00

INFORMATION PACKAGE CONTENTS

INDEX

REVISION NUMBER: Not applicable

Total number of sheets:	52 (Fifty two)
Number of separate drawings:	0 (Nil)
Number of separate photographs:	0 (Nil)

Reasons for Revision: Not applicable

EWN256462

Revision date
&
Office stamp





EC TA-No. : e11*2007/46*0676*00
Information Folder No. : FAC

INFORMATION FOLDER

in accordance with Annex III of Council Directive 2007/46/EC relating to EEC-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) No. 678/2011)



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	--	HL-BK21-000100-012	17-Jan-2012	
Attachment to item 9.17.2.	--	HL-BK21-000100-013	17-Jan-2012	
Attachment to item 11.3.	--	HL-BK21-020402-001	17-Jan-2012	
	--	HL-BK21-020402-002	17-Jan-2012	
	--	HL-BK21-020402-003	17-Jan-2012	
Attachment to item Name and specimen of the signature of the person authorized to sign certificates of conformity	--		29-Apr-2009	



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Type-Variant-Version Overview

Type	Name	Explanation
1 2 4		
F	Model	Transit/Tourneo
A	Body Type/Category	Bus, Kombi, Kombi-Van / M1
C	Homologation Year	2013

Variant	Name	Explanation
5-8 9 10 11 12		
CVFF	Engine Code	2.2 l Puma Diesel, E-W, 155 PS/114 kW, Stage 5b, with stop/start
CYFF	Engine Code	2.2 l Puma Diesel, E-W, 125 PS/92 kW, Stage 5b, with stop/start
DRFF	Engine Code	2.2 l Puma Diesel, E-W, 100 PS/74 kW, Stage 5b, with stop/start
1	Number/Drive/Steered Axle	2 / FWD / 1
D	Body Variant	Bus
E	Body Variant	Kombi
F	Body Variant	Kombi-Van
B	Trim Level	Low roof
A	Stage of completion	Complete

Version	Name	Explanation
13 14 15 16 17 18 19 20 21 22 25 26		
D	Model Designation	300
E	Model Designation	310
F	Model Designation	330
7	Max. number of seats	7
9	Max. number of seats	9
A	Transmission	VMT6
J	Final drive	4.19
M	Final drive	4.71
A	Wheelbase	Short wheelbase
C	Wheelbase	Long wheelbase
C	Trailer Mode	Unbraked / braked
C	Fuel	Diesel
B	ECO Innovation	Stop/Start
A	Front Axle	Standard
A	Rear Axle	Single (SRW)
T	IWC	2040
U	IWC	2150
A	GVM	3325
A	GVM	3100
D	GVM	3000



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Type: FAC

Covered Variant/Version - Summary	
Variant	Version
CVFF1DBA	D9AJACCBAAUD; D9AJCCCBAAUD
CVFF1EBA	D9AJACCBAAUD; D9AJCCCBAAUD; E9AJACCBAAATA; E9AJCCCBAAATA; F9AMACCBAAATA; F9AMCCCBAAUA
CVFF1FBA	E7AJACCBAAATA; E7AJCCCBAAATA; F7AMACCBAAATA; F7AMCCCBAAUA
CYFF1DBA	D9AJACCBAAUD; D9AJCCCBAAUD
CYFF1EBA	D9AJACCBAAUD; D9AJCCCBAAUD; E9AJACCBAAATA; E9AJCCCBAAATA; F9AMACCBAAATA; F9AMCCCBAAUA
CYFF1FBA	E7AJACCBAAATA; E7AJCCCBAAATA; F7AMACCBAAATA; F7AMCCCBAAUA
DRFF1DBA	D9AJACCBAAUD; D9AJCCCBAAUD
DRFF1EBA	D9AJACCBAAUD; D9AJCCCBAAUD; E9AJACCBAAATA; E9AJCCCBAAATA
DRFF1FBA	E7AJACCBAAATA; E7AJCCCBAAATA



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Information Document Part I + II



EC TA-No. : e11*2007/46*0676*00
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0. GENERAL

0.1. Make (trade name of manufacturer):
FORD

0.2. Type:
FAC

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

Body	Wheel Base	Commercial Name(s)
VBK	LWB	Tourneo Custom
	LWB	Transit Custom
	SWB	Tourneo Custom
	SWB	Transit Custom

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

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

0.4. Category of vehicle:
M1

0.4.1. Classification(s) according to the dangerous goods which the vehicle is intended to transport:
Not applicable

0.5. Name and address of manufacturer:
Ford-Werke GmbH
50725 Koeln
Germany

0.8. Name(s) and address(es) of assembly plant(s):
Ford Motor Co. Ltd
Southampton S09 2LH
England

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



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1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE

1.1. Photographs and/or drawings of a representative vehicle:

See attachment

1.3. Number of axles and wheels:

Axles: 2
Wheels: 4

1.3.1. Number and position of axles with twin wheels:

Number: Not applicable
Position: Not applicable

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
???????????	1	Axle 1	Not applicable

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

Not applicable

1.6. Position and arrangement of the engine:

Front , Transverse

1.8. Hand of drive:

Left or Right hand drive

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



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- 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: 2933, 3300
- 2.1.2. Vehicles with three or more axles
- 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: 1736 to 1756
- 2.3.2. Track of all other axles: 1720 to 1740
- 2.4. Range of vehicle dimensions (overall)
- 2.4.1. For chassis without bodywork
- 2.4.1.1. Length: Not applicable
- 2.4.1.1.1. Maximum permissible length: Not applicable
- 2.4.1.1.2. Minimum permissible length: Not applicable
- 2.4.1.2. Width: Not applicable
- 2.4.1.2.1. Maximum permissible width: Not applicable
- 2.4.1.2.2. Minimum permissible width: Not applicable
- 2.4.1.3. Height (in running order) (for suspensions adjustable for height, indicate normal running position): Not applicable



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2.4.2. For chassis with bodywork

2.4.2.1. Length:

Length without towbar	Length with towbar
4972 to 5339	5120 to 5487

2.4.2.1.1. Length of the loading area:

Variant	Version	Length
????D??	?9??A??????	665
????D??	?9??C??????	1032
????E??	?9??A??????	687
????E??	?9??C??????	1054
????F??	?7??A??????	687
????F??	?7??C??????	1054

2.4.2.2. Width:

Variant	Version	Width
????D??	??????????	2032
????E??	??????????	2032
????F??	??????????	2032

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

Not applicable

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

Variant	Version	Height
????B?	D??????????	1977 to 1978
	E??????????	1972 to 1977
	F??????????	2020 to 2022



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- 2.6. Mass in running order
Mass of the vehicle with bodywork and, in the case of a towing vehicle of a category other than M1, with coupling device, if fitted by the manufacturer, in running order, or mass of the chassis or chassis with cab, without bodywork and/or coupling device if the manufacturer does not fit the bodywork and/or coupling device (including liquids, tools, spare wheel, if fitted, and driver and, for buses and coaches, a crew member if there is a crew seat in the vehicle) (maximum and minimum for each variant):

Variant	Version	2.6.	2.6.1.		2.8.	2.8.1.		2.9.	
			Axle 1	Axle 2	GVM	Axle 1	Axle 2	Axle 1	Axle 2
CVFF1DBA	D9AJAC?B??UD	2141	1267	874	3000	1450 to 1600	1400 to 1550	1600	1550
	D9AJCC?B??UD	2165	1316	849	3000	1450 to 1725	1275 to 1550	1725	1550
CVFF1EBA	D9AJAC?B??TD	1976	1257	720	3000	1450 to 1600	1400 to 1550	1600	1550
	D9AJCC?B??TD	2062	1311	752	3000	1450 to 1725	1275 to 1550	1725	1550
	E9AJAC?B??TA	1976	1257	720	3100	1375 to 1600	1500 to 1725	1600	1725
	E9AJCC?B??TA	2062	1311	752	3100	1375 to 1700	1400 to 1725	1700	1725
	F9AMAC?B??TA	2002	1262	741	3325	1325 to 1600	1725 to 2000	1600	2000
	F9AMCC?B??UA	2088	1316	773	3325	1325 to 1725	1600 to 2000	1725	2000
CVFF1FBA	E7AJAC?B??TA	1976	1258	719	3100	1375 to 1600	1500 to 1725	1600	1725
	E7AJCC?B??TA	2059	1311	749	3100	1375 to 1700	1400 to 1725	1700	1725
	F7AMAC?B??TA	2002	1263	740	3325	1325 to 1600	1725 to 2000	1600	2000
	F7AMCC?B??UA	2085	1316	770	3325	1325 to 1725	1600 to 2000	1725	2000
CYFF1DBA	D9AJAC?B??UD	2141	1267	874	3000	1450 to 1600	1400 to 1550	1600	1550
	D9AJCC?B??UD	2165	1316	849	3000	1450 to 1725	1275 to 1550	1725	1550
CYFF1EBA	D9AJAC?B??TD	1976	1257	720	3000	1450 to 1600	1400 to 1550	1600	1550
	D9AJCC?B??TD	2062	1311	752	3000	1450 to 1725	1275 to 1550	1725	1550
	E9AJAC?B??TA	1976	1257	720	3100	1375 to 1600	1500 to 1725	1600	1725
	E9AJCC?B??TA	2062	1311	752	3100	1375 to 1700	1400 to 1725	1700	1725
	F9AMAC?B??TA	2002	1262	741	3325	1325 to 1600	1725 to 2000	1600	2000
	F9AMCC?B??UA	2088	1316	773	3325	1325 to 1725	1600 to 2000	1725	2000
CYFF1FBA	E7AJAC?B??TA	1976	1258	719	3100	1375 to 1600	1500 to 1725	1600	1725
	E7AJCC?B??TA	2059	1311	749	3100	1375 to 1700	1400 to 1725	1700	1725
	F7AMAC?B??TA	2002	1263	740	3325	1325 to 1600	1725 to 2000	1600	2000
	F7AMCC?B??UA	2085	1316	770	3325	1325 to 1725	1600 to 2000	1725	2000
DRFF1DBA	D9AJAC?B??UD	2141	1267	874	3000	1450 to 1600	1400 to 1550	1600	1550
	D9AJCC?B??UD	2165	1316	849	3000	1450 to 1725	1275 to 1550	1725	1550
DRFF1EBA	D9AJAC?B??TD	1976	1257	720	3000	1450 to 1600	1400 to 1550	1600	1550
	D9AJCC?B??TD	2062	1311	752	3000	1450 to 1725	1275 to 1550	1725	1550
	E9AJAC?B??TA	1976	1257	720	3100	1375 to 1600	1500 to 1725	1600	1725
	E9AJCC?B??TA	2062	1311	752	3100	1375 to 1700	1400 to 1725	1700	1725
DRFF1FBA	E7AJAC?B??TA	1976	1258	719	3100	1375 to 1600	1500 to 1725	1600	1725
	E7AJCC?B??TA	2059	1311	749	3100	1375 to 1700	1400 to 1725	1700	1725

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

see item 2.6.

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

Not applicable

- 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:



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- 2.9. Technically permissible maximum mass on each axle: see item 2.6.
- 2.10. Technically permissible maximum mass on each axle group: see item 2.6.
- 2.11. Technically permissible maximum towable mass of the motor vehicle in case of Not applicable
- 2.11.1. Drawbar trailer: Not applicable
- 2.11.2. Semi-trailer: Not applicable
- 2.11.3. Centre-axle trailer:

Variant	Version	Max. trailer	GTM
CVFF1DBA	D9AJA??B???D	1700	4600
	D9AJC??B???D	1650	4600
CVFF1EBA	D9AJA??B???D	1800	4600
	D9AJC??B???D	1700	4600
	E9AJA??B???A	1800	4600
	E9AJC??B???A	1700	4600
	F9AMA??B???A	2000	5125
	F9AMC??B???A	2200	5125
CVFF1FBA	E7AJA??B???A	1950	4600
	E7AJC??B???A	1850	4600
	F7AMA??B???A	2000	5125
	F7AMC??B???A	2350	5125
CYFF1DBA	D9AJA??B???D	1700	4600
	D9AJC??B???D	1650	4600
CYFF1EBA	D9AJA??B???D	1800	4600
	D9AJC??B???D	1700	4600
	E9AJA??B???A	1800	4600
	E9AJC??B???A	1700	4600
	F9AMA??B???A	2000	5125
	F9AMC??B???A	2200	5125
CYFF1FBA	E7AJA??B???A	1950	4600
	E7AJC??B???A	1850	4600
	F7AMA??B???A	2000	5125
	F7AMC??B???A	2350	5125
DRFF1DBA	D9AJA??B???D	1500	4400
	D9AJC??B???D	1450	4400
DRFF1EBA	D9AJA??B???D	1600	4400
	D9AJC??B???D	1500	4400
	E9AJA??B???A	1600	4400
	E9AJC??B???A	1500	4400
DRFF1FBA	E7AJA??B???A	1750	4400
	E7AJC??B???A	1650	4400

- 2.11.4. Technically permissible maximum mass of the combination: see item 2.11.3.



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2.11.6. Maximum mass of unbraked trailer:

Variant	Version	max. Mass
?????B?	????????????	750

2.12. Technically permissible maximum static vertical load/mass on the vehicle's coupling point

2.12.1. Of the motor vehicle:

Variant	Version	Max. vert. load/mass
????????	????????????	112

Maximum permissible roof load:

Variant	Version	max. perm. roof load
?????DB?	????????????	150
?????EB?	????????????	150
?????FB?	????????????	150

2.16. Intended registration/in service maximum permissible masses (optional: where these values are given, they shall be verified in accordance with the requirements of Annex IV to Directive 97/27/EC)

2.16.1. Intended registration/in service maximum permissible laden mass:

Not applicable

2.16.2. Intended 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. Intended registration/in service maximum permissible mass on each axle group:

Not applicable

2.16.4. Intended registration/in service maximum permissible towable mass:

Not applicable

2.16.5. Intended registration/in service maximum permissible mass of the combination:

Not applicable



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3. POWER PLANT

3.1. Manufacturer of the engine: FORD

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

Variant	Engine Code
CVFF????	CVFF
CYFF????	CYFF
DRFF????	DRFF

3.1.2. Approval number (if appropriate) including fuel identification marking: (heavy duty vehicles only)
Not applicable

3.2. Internal combustion engine

3.2.1.1. Working principle: positive ignition/compression ignition, four-stroke/two stroke

Variant	Working Principle, cycle
CVFF????	Compression ignition, 4 stroke
CYFF????	Compression ignition, 4 stroke
DRFF????	Compression ignition, 4 stroke

3.2.1.2. Number and arrangement of cylinders:

Variant	Number and Arrangement
CVFF????	4, in-line
CYFF????	4, in-line
DRFF????	4, in-line

3.2.1.3. Engine capacity:

Variant	Engine Capacity
CVFF????	2198 cm ³
CYFF????	2198 cm ³
DRFF????	2198 cm ³

3.2.1.6. Normal engine idling speed:

Variant	Idling speed
CVFF????	800 min ⁻¹ ± 150 min ⁻¹
CYFF????	800 min ⁻¹ ± 150 min ⁻¹
DRFF????	800 min ⁻¹ ± 150 min ⁻¹

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

Variant	Maximum Net Power
CVFF????	114.00 kW at 3500 min ⁻¹
CYFF????	92.00 kW at 3500 min ⁻¹
DRFF????	74.00 kW at 3500 min ⁻¹



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3.2.2.1. Light-duty vehicles: Diesel

3.2.2.2. Heavy-duty vehicles: Not applicable

3.2.2.4. Vehicle fuel type:

Variant	Fuel type
CVFF????	Mono fuel
CYFF????	Mono fuel
DRFF????	Mono fuel

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

Variant	% by volume
CVFF????	10
CYFF????	10
DRFF????	10

3.2.3. Fuel tank(s)

3.2.3.1. Service fuel tank(s)

3.2.3.1.1. Number, capacity and material:

1 , 80 l optional 95 l, HD Polyethylene

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 only):

Variant	Fuel Injection
????????	Yes

3.2.4.2.2. Working principle:

Direct Injection

3.2.4.3. By fuel injection (positive ignition only):

Variant	Fuel Injection
CVFF????	No
CYFF????	No
DRFF????	No

3.2.7. Cooling system:

Liquid 50/50% ethylene glycol/water



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3.2.8. Intake system

3.2.8.1. Pressure charger:

Variant	Pressure Charger
CVFF????	Yes
CYFF????	Yes
DRFF????	Yes

3.2.8.2. Intercooler:

Yes

3.2.9. Exhaust system

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

Variant	See attachment
CVFF????	HL-BK21-090101-001
CYFF????	HL-BK21-090101-001
DRFF????	HL-BK21-090101-001

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

See attachment

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

3.2.12. Measures taken against air pollution

3.2.12.2. Additional anti-pollution control devices (if
any, and if not covered by another
heading)

3.2.12.2.1. Catalytic converter:

Variant	Catalytic Converter
CVFF????	Yes
CYFF????	Yes
DRFF????	Yes

3.2.12.2.1.11. Regeneration systems/method of exhaust
after-treatment systems, description:

No

3.2.12.2.1.11.6. Consumable reagents:

Not applicable

3.2.12.2.1.11.7. Type and concentration of reagent
needed for catalytic action:

Not applicable



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3.2.12.2.2. Oxygen sensor:

Variant	Oxygen Sensor
CVFF????	No
CYFF????	No
DRFF????	No

3.2.12.2.3. Air injection:

Variant	Air Injection
????????	No

3.2.12.2.4. Exhaust gas recirculation:

Variant	EGR
CVFF????	Yes
CYFF????	Yes
DRFF????	Yes

3.2.12.2.5. Evaporative emissions control system:

Variant	EVAP
CVFF????	No
CYFF????	No
DRFF????	No

3.2.12.2.6. Particulate trap:

Variant	Particulate Trap
CVFF????	Yes
CYFF????	Yes
DRFF????	Yes

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

Variant	OBD
CVFF????	Yes
CYFF????	Yes
DRFF????	Yes

3.2.12.2.8. Other systems (description and operation):

Not applicable

3.2.12.2.9. Torque limiter:

No

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

On VIN plate

3.2.15. LPG fuelling system:

Variant	LPG
CVFF????	No
CYFF????	No
DRFF????	No

3.2.16. NG fuelling system:

Variant	NG
CVFF????	No
CYFF????	No
DRFF????	No



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3.3. Electric motor

3.3.1. Type (winding, excitation):
Not applicable

3.3.1.1. Maximum hourly output:
Not applicable

3.3.1.2. Operating voltage:
Not applicable

3.3.2. Drivetrain battery

3.3.2.4. Position:
Not applicable

3.4. Engines or motor combination

3.4.1. Hybrid electric vehicle:
No

3.4.2. Category of hybrid electric vehicle:
Not applicable

3.6.5. Lubricant temperature

Variant	Minimum [K]	Maximum [K]
CVFF????	243	423
CYFF????	243	423
DRFF????	243	423



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4. TRANSMISSION

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

Variant	Version	Type of Transmission	Type of Gearbox
????????	??A????????	mechanical	manual

4.5. Gearbox

4.5.1. Type (manual/automatic/CVT (continuously variable transmission)):

See item 4.2.

4.6. Gear ratios:

TABLE OF GEAR RATIOS							
Variant	Version	Type	Gearbox	Gear	Internal Gearbox Ratios	Final Drive Ratio(s)	Total Gear Ratios
????1???	??AJ????????	manual	VMT6	1	3.818	4.188	15.609
				2	2.150	4.188	7.806
				3	1.276	4.188	4.695
				4	0.868	4.188	3.267
				5	0.943	3.045	2.570
				6	0.789	3.045	2.080
				Reverse	5.433	3.045	16.151
	??AM????????	manual	VMT6	1	3.818	4.714	17.569
				2	2.150	4.714	8.787
				3	1.276	4.714	5.284
				4	0.868	4.714	3.677
				5	0.943	3.300	2.785
				6	0.789	3.300	2.254
				Reverse	5.433	3.300	17.503

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

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

Variant	Version	Max. Speed
CVFF1DBA	D?AJA??????	157
	D?AJC??????	157
CVFF1EBA	D?AJA??????	157
	D?AJC??????	157
	E?AJA??????	157
	E?AJC??????	157
	F?AMA??????	157
	F?AMC??????	157
CVFF1FBA	E?AJA??????	157
	E?AJC??????	157
	F?AMA??????	157
	F?AMC??????	157
CYFF1DBA	D?AJA??????	157
	D?AJC??????	157



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Variant	Version	Max. Speed
CYFF1EBA	D?AJA???????	157
	D?AJC???????	157
	E?AJA???????	157
	E?AJC???????	157
	F?AMA???????	157
	F?AMC???????	157
CYFF1FBA	E?AJA???????	157
	E?AJC???????	157
	F?AMA???????	157
	F?AMC???????	157
DRFF1DBA	D?AJA???????	150
	D?AJC???????	150
DRFF1EBA	D?AJA???????	150
	D?AJC???????	150
	E?AJA???????	150
	E?AJC???????	150
DRFF1FBA	E?AJA???????	150
	E?AJC???????	150

4.9. Tachograph:

Optional

4.9.1. Approval mark:

e1 84



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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:
Transaxle with driveshafts

Axle 2:
Dead Beam

5.4. Position of retractable axle(s):

Not applicable

5.5. Position of loadable axle(s):

Not applicable



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6. SUSPENSION

6.2. Type and design of the suspension of each axle 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)
(a) for tyres indicate size designation, load-capacity index, speed category symbol, rolling resistance in accordance with ISO 28580 (where applicable);
(b) for wheels indicate rim size(s) and off-set(s)

6.6.1.1. Axles

6.6.1.1.1. Axle 1:

Variant	Version	Tyre size	Load/speed index	Rim size / offset	Rolling radii Min. to Max. *)
????1D??	D?A????B????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm
		215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
		215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 mm
????1E??	D?A????B????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm
		215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
		215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 mm
	E?A????B????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm
		215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
		215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 mm
	F?A????B????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm
		215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 mm
????1F??	E?A????B????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm
		215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
		215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 mm
	F?A????B????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm
		215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 mm



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Snow chain tyre/rim combination(s)					
Variant	Version	Tyre size	Load/speed index	Rim size / offset	Rolling radii Min. to Max. *)
????1D??	D???????????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm
		215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
????1E??	D???????????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm
		215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
	E???????????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm
		215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
	F???????????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm
????1F??	E???????????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm
		215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
	F???????????	185/75R16C	104/102R	5.5J x 16 H2 x 50.0	330 mm

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

6.6.1.1.2. Axle 2:

Variant	Version	Tyre size	Load/speed index	Rim size / offset	Rolling radii Min. to Max. *)
????1D??	D?A????B????	215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
		215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 mm
????1E??	D?A????B????	215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
		215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 mm
	E?A????B????	215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
		215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 mm
	F?A????B????	215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 mm
????1F??	E?A????B????	215/65R15C	104/102T	6.5J x 15 H2 x 60.0	319 mm
		215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 mm
	F?A????B????	215/65R16C	109/107R	6.5J x 16 H2 x 60.0	331 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.



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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:

hydraulic



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8. BRAKES

8.5. Anti-lock braking system:

yes

8.9. Brief description of the braking system according to item 1.6 of the Addendum to Appendix 1 of Annex IX to Directive 71/320/EEC:

Service braking system:
Foot operated.
Vacuum assist hydraulically operated, diagonal split, with tandem master cylinder operating on independent hydraulic brake line circuits
2 Brake Circuits
Axle 1: Disc Brake
Axle 2: Disc Brake

ABS operating on axle 1 and 2

Secondary braking system:
Foot operated, acting on one diagonal circuit of the service brake

Parking braking system:
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.
Mechanical linkage, Operating on axle 2

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

Not applicable



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9. BODYWORK

9.1. Type of bodywork using the codes set out in Part C of Annex II (only for complete/completed vehicles): AF Multi-purpose 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
4	1	1	1	1
3	1	0	1	1
3	1	1	1	0

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:
Magna

9.9.1.2. Type-approval mark:

Interior:
I E11 46R-026532
I E9 46R-014276

Exterior:
III E1 46R-021254

9.9.1.3. Variant:

Interior:
Dipping

Exterior:
Remote, electrical, heated optional

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

None

9.9.2. Devices for indirect vision other than mirrors

9.9.2.1. Type and description of the device:

Not applicable

9.10. Interior arrangement



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9.10.3. Seats

9.10.3.1. Number of seating positions:

Variant	Version	Maximum Number of Seats
????D??	?9??????????	9
????E??	?9??????????	9
????F??	?7??????????	7

9.10.3.1.1. Location and arrangement:

Position	Arrangement	Variant	Version
Row			
1	Single driver, dual or single passenger	????????	?7?????????? ?9??????????
2	Single & Dual Seat - removeable	????????	?7?????????? ?9??????????
3	single & dual - removable	????????	?7?????????? ?9??????????

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

Not applicable

9.10.4.1. Type(s) of head restraints:

Row	Type(s)	Variant	Version
1	detachable	????????	?7?????????? ?9??????????
2	detachable	????????	?7?????????? ?9??????????
3	detachable	????????	?7?????????? ?9??????????

9.10.4.2. Type-approval number(s), if available:

Not applicable

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

1234YF

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

No



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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 side	yes	optional	yes	????????	???????????? ?9??????????
	Centre	optional	no	no		
	Passenger side	optional	optional	yes		
2	Left	no	no	no	????????	???????????? ?9??????????
	Centre	no	no	no		
	Right	no	no	no		
3	Left	no	no	no	????????	???????????? ?9??????????
	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.

9.17.4.1. The meaning of characters in the second section and, if applicable, in the third section used to comply with the requirements of section 5.3 of ISO Standard 3779 - 1983 shall be explained:

Position	Definition
1 to 3	World Manufacturer Identifier
4	Body Type or Restraint Type
5	Constant Figure or Variant or Version or Model Line
6	Constant Figure or Series or Model Line
7	Product Source or Body Type
8	Assembly Plant or Engine Type
9	Model Line or Check Digit
10	Body 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



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- 9.17.4.2. If characters in the second section are used to comply with the requirements of section 5.4 of ISO Standard 3779 - 1983, 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. 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 protection system and the frontal part of the vehicle:
Not applicable
- 9.24.3. Type-approval mark (if available):
Not applicable



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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:

Version	weight class	Category	Class	Type	Approval Marking	Type Approval No.
D?????????D	300	M1	A50-X	30985	e4 00-3361	e4*94/20*3361*00
E?????????A	310					
F?????????A	330					
			F	F54	E1 55R-012081	E1 55R-012081 Ext. 01

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. Type-approval number(s):

See item 11.1.



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12. MISCELLANEOUS

12.7.1. Vehicle equipped with a 24 GHz
short-range radar equipment: No



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13. SPECIAL PROVISIONS FOR BUSES AND COACHES

- 13.1. Class of vehicle: Not applicable
- 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: Not applicable
- 13.3.2. Upper deck: Not applicable
- 13.3.3. Lower deck: Not applicable
- 13.4. Number of passengers (seated)
- 13.4.1. Total : Not applicable
- 13.4.2. Upper deck: Not applicable
- 13.4.3. Lower deck: Not applicable
- 13.4.4. Number of wheelchair positions for category M2 and M3 vehicles: Not applicable



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16. ACCESS TO VEHICLE REPAIR AND MAINTENANCE INFORMATION

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

<http://www.etis.ford.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.



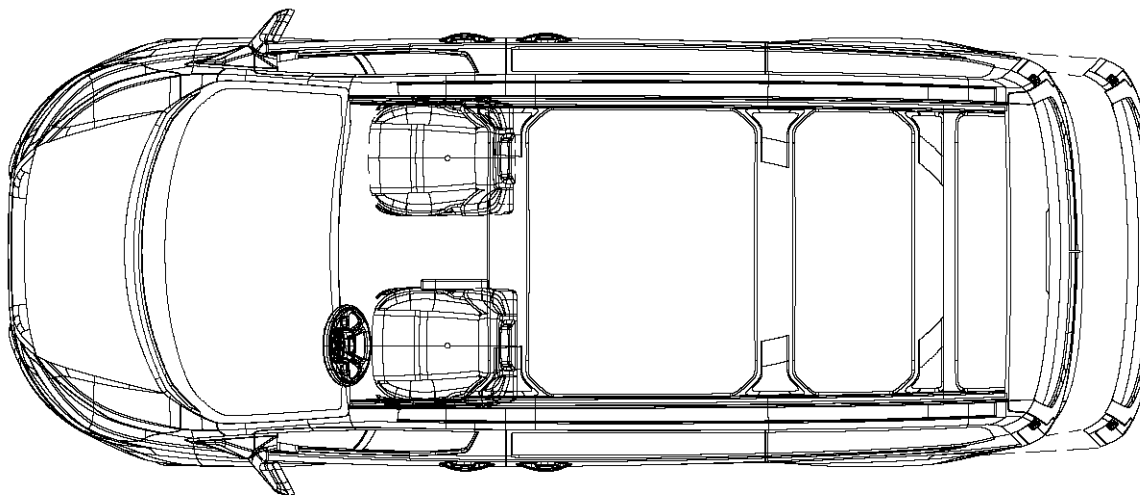
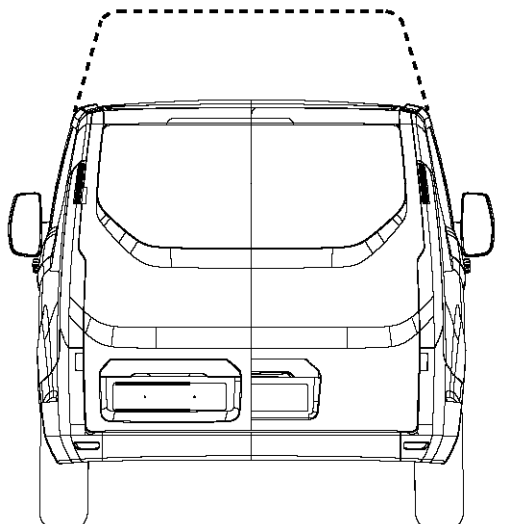
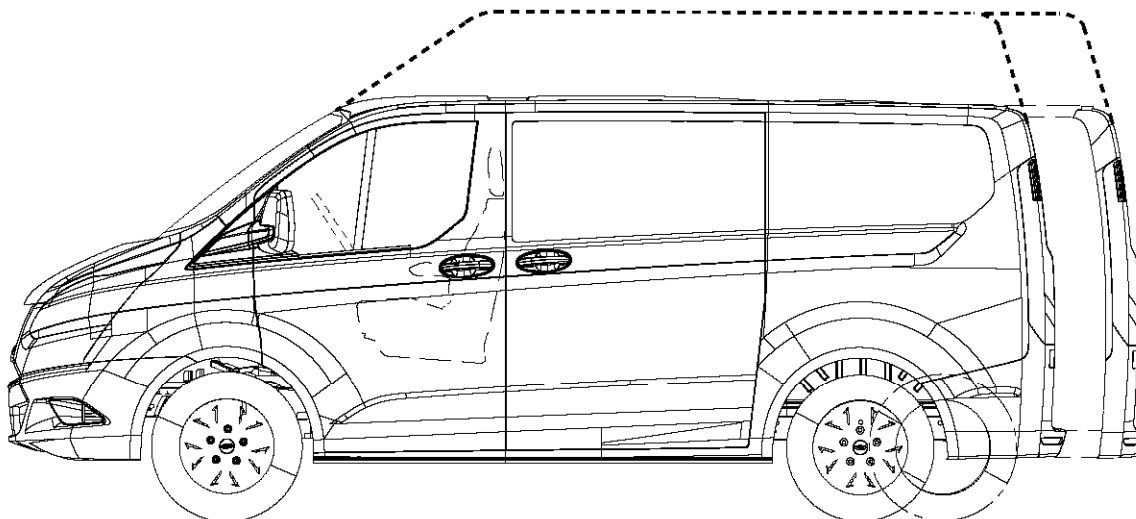
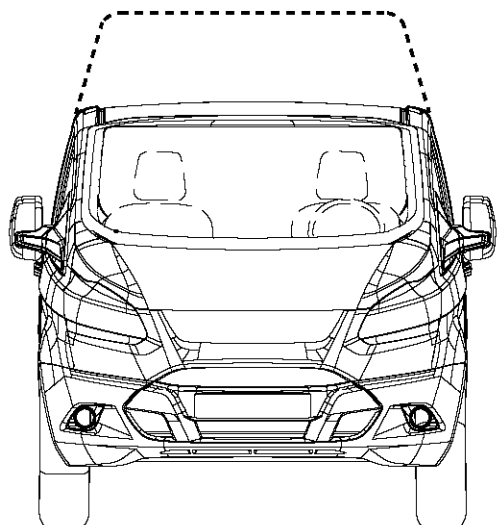
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Information Document Part III



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Subject	Approval number	Approval date	Variants / or / Versions	
1. Permissible sound level	E11 51R-027527	18.06.2012	CVFF????/	
	E11 51R-027526	18.06.2012	CYFF????/	
	E11 51R-027525	18.06.2012	DRFF????/	
2a. Emissions (EURO 5 and 6)	e11* 715/2007* 459/2012K*7541* 00	18.06.2012	CVFF????/	
light-duty vehicles/access to information	e11* 715/2007* 459/2012K*7539* 00	18.06.2012	CYFF????/	
	e11* 715/2007* 459/2012K*7537* 00	18.06.2012	DRFF????/	
3. Fuel tanks	E1 34R-020113	11.07.2012	all	
3. Rear protective device	e1* 70/221* 2006/20* 1841* 00	11.07.2012	?????B?/	
4. Rear registration plate space	e11* 70/222* 6011* 00	29.06.2012	?????D?/ , ?????E?/ , ?????F?/	
5. Steering effort	E11 79R-011519	29.06.2012	all	
6. Door latches and hinges	E11 11R-031518	29.06.2012	all	
7. Audible warning	E11 28R-003504	18.06.2012	all	
8. Indirect vision devices	E11 46R-028045	29.06.2012	all	
9. Braking	E11 13HRESC-000326	18.06.2012	/D???????????, /E???????????	
	E11 13HRESC-000327	18.06.2012	/F???????????	
10. Radio interference (electro-magnetic compatibility)	e11* 72/245* 2009/19* 7651* 00	27.06.2012	all	
11. Diesel smoke	see item 2a.		all	
12. Interior fittings	E1 21R-010338	11.07.2012	all	
13. Anti-theft and immobiliser	E11 116RAI-002782	29.06.2012	all	
14. Protective steering	E1 12R-030337	11.07.2012	all	
15. Seat strength	E1 17RA-080864	11.07.2012	all	
16. Exterior projections	E1 26R-030512	11.07.2012	all	
17. Speedometer and reverse gear	E11 39R-002017	29.06.2012	all	
18. Plates (statutory)	e11* 76/114* 78/507* 1512* 00	29.06.2012	all	
19. Seat belt anchorages	E1 14R-070708	11.07.2012	all	
20. Installation of lighting and light signalling devices	E11 48R-043518	29.06.2012	all	
21. Retro reflector	see item 20			
22. End-outline, front-position (side), rear-position (side), stop, side marker, daytime running lamps	see item 20			
23. Direction indicators	see item 20			
24. Rear registration plate lamps	see item 20			
25. Headlamps (including bulbs)	see item 20			
26. Front fog lamps	see item 20			
27. Towing hooks	e11* 77/389* 96/64* 1506* 00	29.06.2012	all	
28. Rear fog lamps	see item 20			
29. Reversing lamps	see item 20			
30. Parking lamps	see item 20			
31. Seat belts and restraint systems	E1 16R-061428	16.07.2012	all	
32. Forward vision	E1 125R-000318	11.07.2012	all	
33. Identification of controls, tell-tales and indicators	e1* 78/316* 94/53* 0350* 00	11.07.2012	all	
34. Defrost / demist	e1* 78/317* 0260* 00	11.07.2012	all	
	e1* 78/317* 0263* 00	11.07.2012		
35. Wash / wipe	e1* 78/318* 94/68* 0281* 00	11.07.2012	all	
36. Heating systems	E1 122R-000387	27.07.2012	all	
37. Wheel guards	e11* 78/549* 94/78* 1506* 00	29.06.2012	all	
38. Head restraints	Not applicable			
39. CO2 emissions/fuel consumption	see item 2a.		all	
40. Engine power	E11 85R-003516	18.06.2012	CVFF????/	
	E11 85R-003515	18.06.2012	CYFF????/	
	E11 85R-003514	18.06.2012	DRFF????/	
41. Emissions (Euro IV and V) heavy-duty vehicles	Not applicable		all	
44. Masses and dimensions (cars)	e11* 92/21* 95/48* 1007* 00	29.06.2012	all	
45. Safety glazing	E11 43R-006526	29.06.2012	all	
46. Tyres	e11* 92/23* 2005/11* 11278* 00	29.06.2012	all	
50. Couplings	E11 55R-019615	29.06.2012	all	
53. Frontal impact	Not applicable			
54. Side impact	Not applicable			
58. Pedestrian protection	e11* 78/2009* 459/2011* 1003* 00	18.06.2012	/ D???????????D, E???????????A, F???????????A	
59. Recyclability	e11* 2005/64* 2009/1* 1007* 00	29.06.2012	all	
61. Air-conditioning system	e11* 2006/40* 706/2007B*1001* 00	18.06.2012	all	



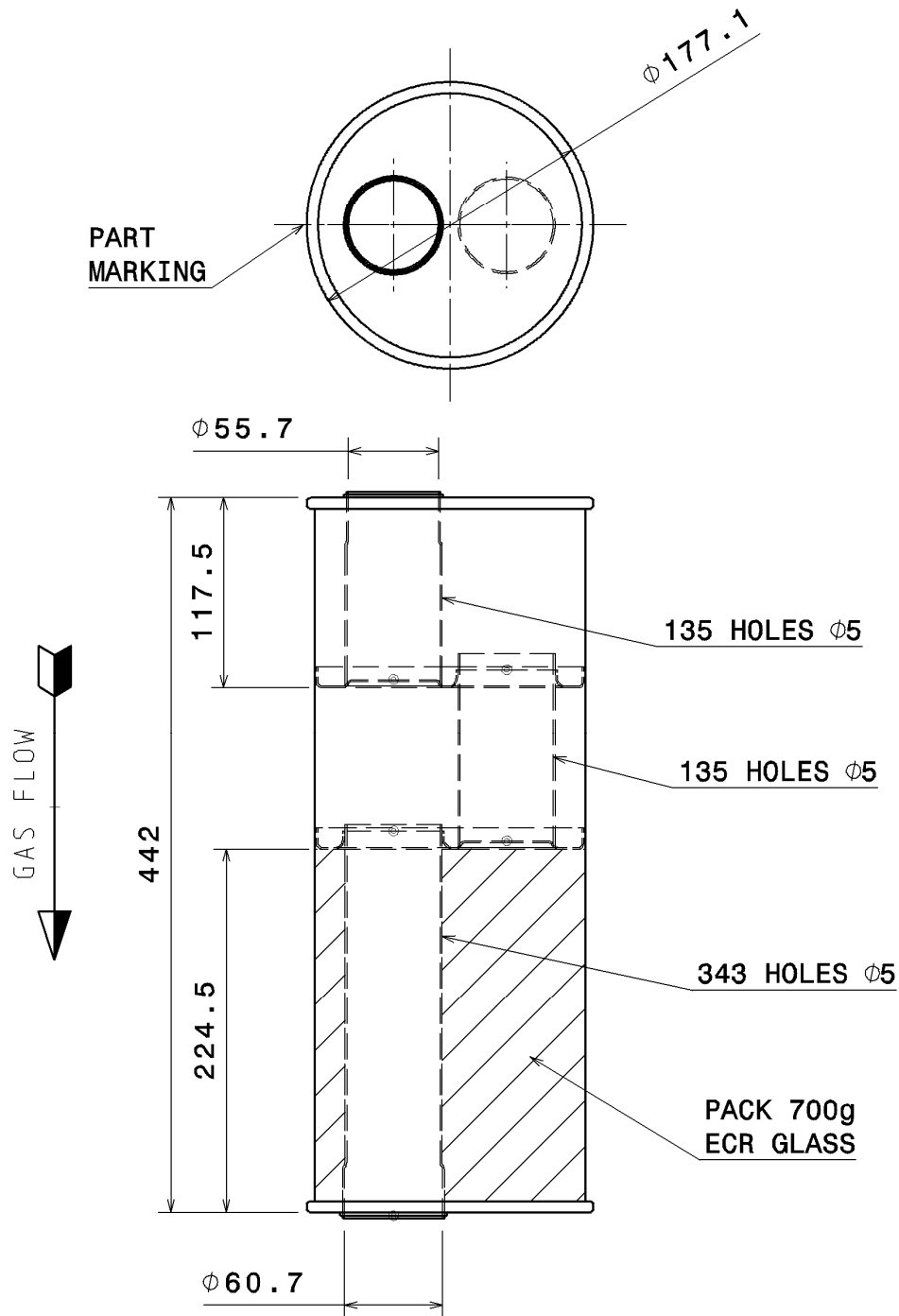
Reference	FORD	Issue Date	Revision Date	Title	Attachment Number
		17-Jan-2012		General VBK derived Bodies	HL-BK21-000056-001





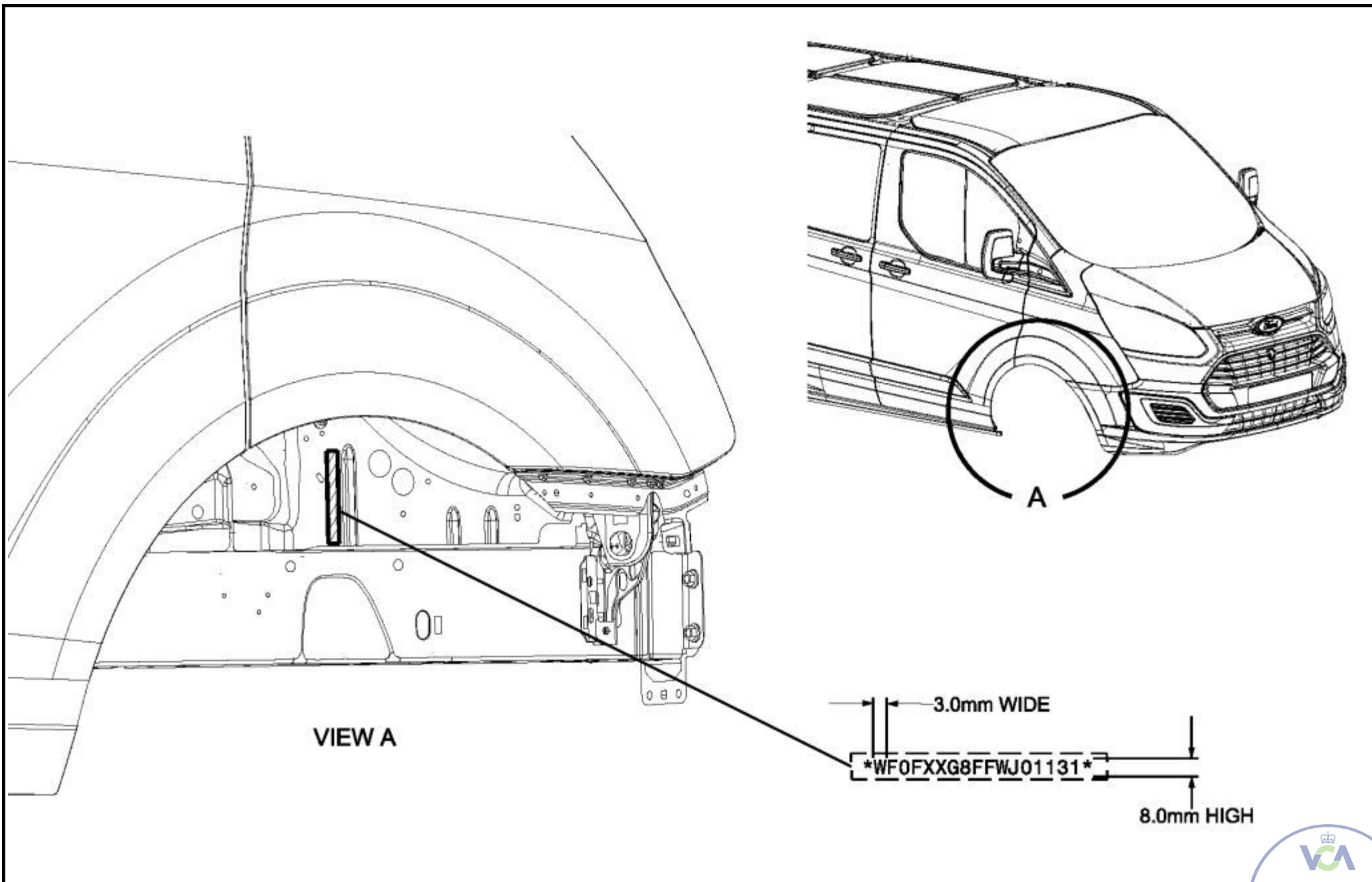
Reference V36x Transit	Issue Date 17-Jan-2012	Title 2.2L, FWD, I4 GLOBAL PUMA, UNDER BONNET VIEW
FORD	Revision Date	Attachment Number HL-BK21-010200-001





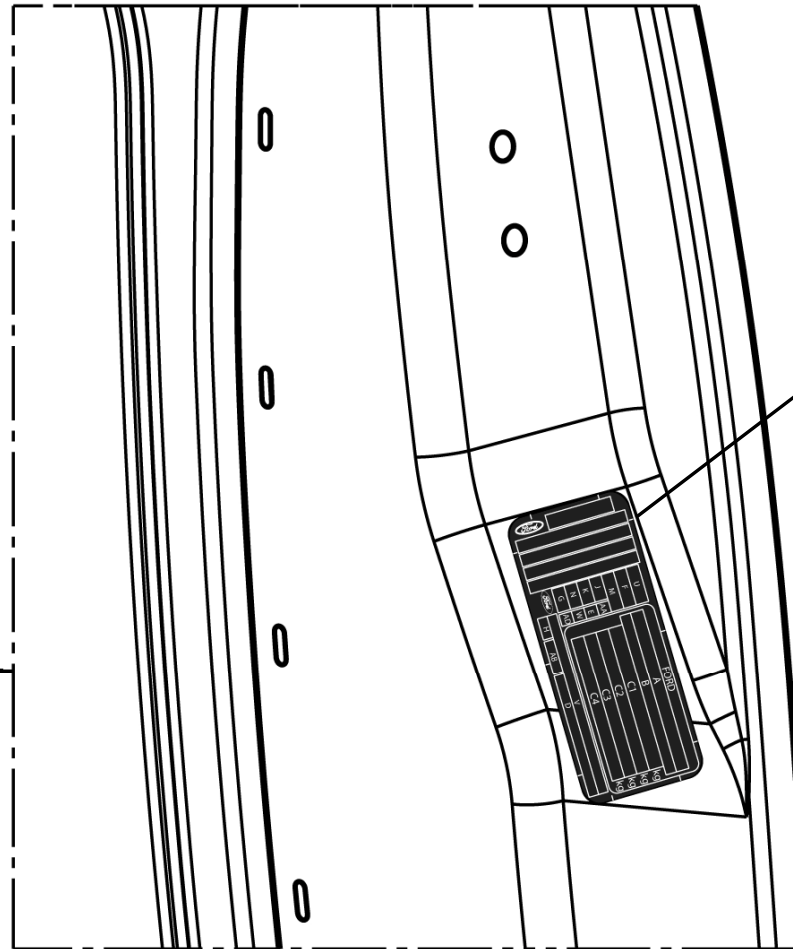
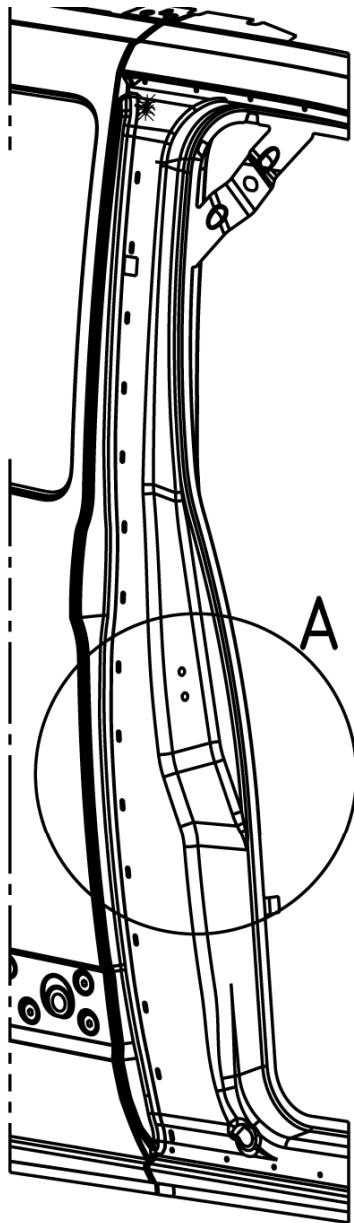
VOLUME - 10L
SUPPLIER PART No. E4059104

Reference V36x	Issue Date 17-Jan-2012	Title 2.2l, FWD, I4 GLOBAL PUMA, St.IV & St.V MUFFLER BOX ASSEMBLY
FORD	Revision Date	Attachment Number HL-BK21-090101-001

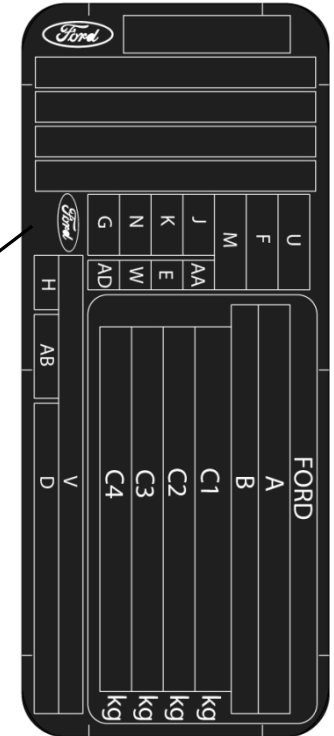


Reference	FORD	Issue Date	Revision Date	Title	Attachment Number
		17-Jan-2012		FRONT APRON CHASSIS NUMBER	HL-BK21-000100-011

LABEL VEHICLE IDENTIFICATION NUMBER (SELF ADHESIVE)



VIEW A



FIT TO KERB SIDE B PILLAR ACCORDING TO DRIVE

Reference	FORD	Issue Date	Revision Date	Title	Attachment Number
		17-Jan-2012		LABEL VEHICLE IDENTIFICATION NUMBER	HL-BK21-000100-012



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)**

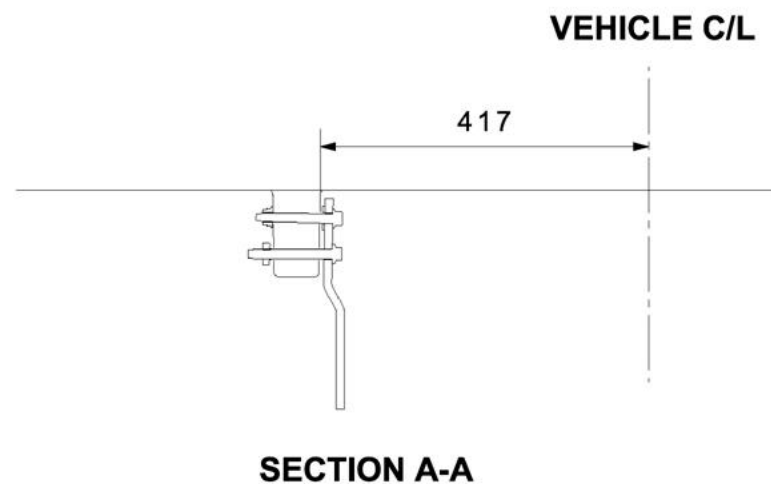
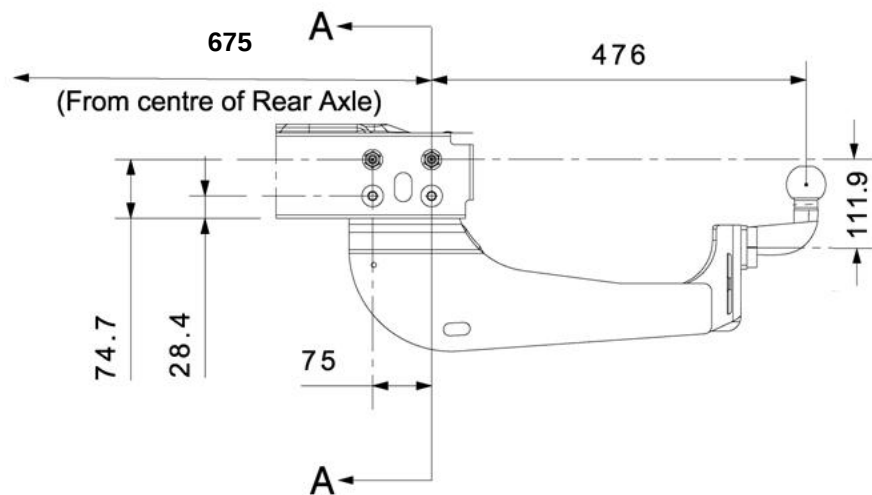
Attachment Number

HL-BK21-000100-013



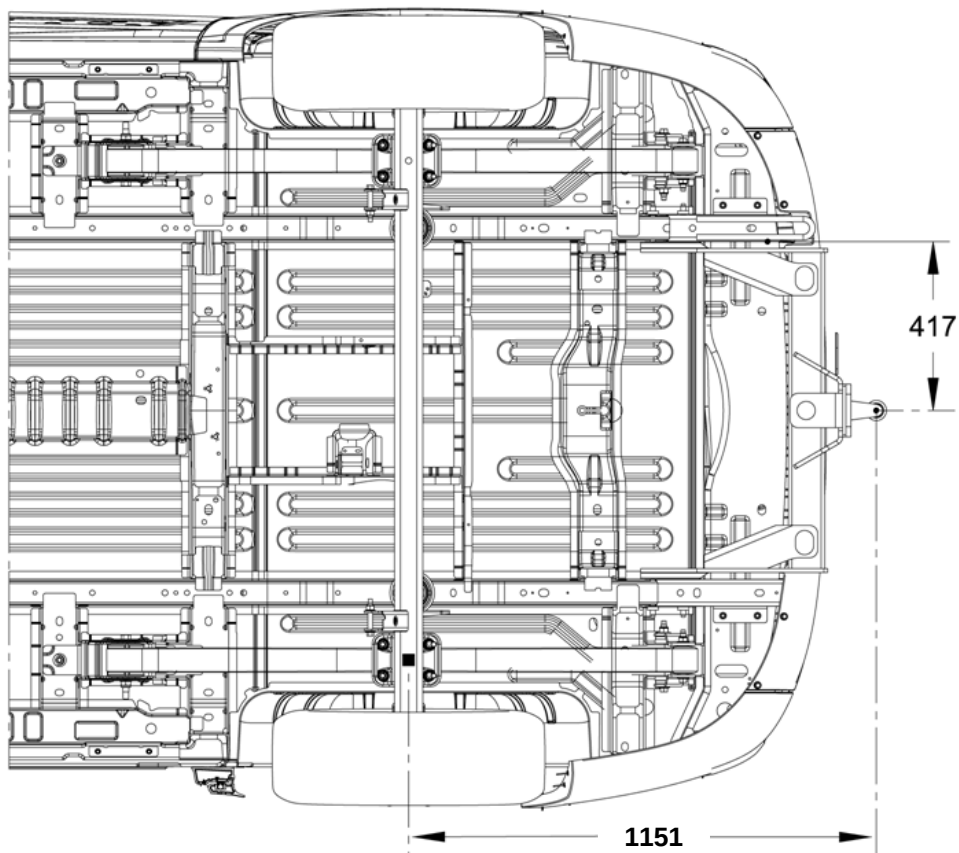
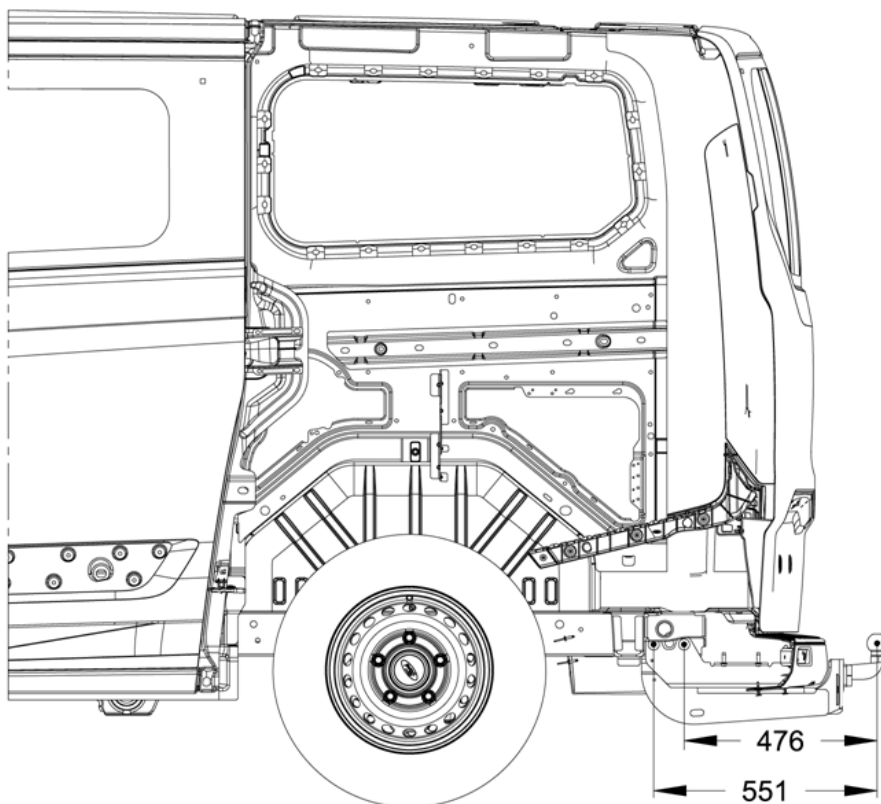
28-Aug-12

Approval Authority



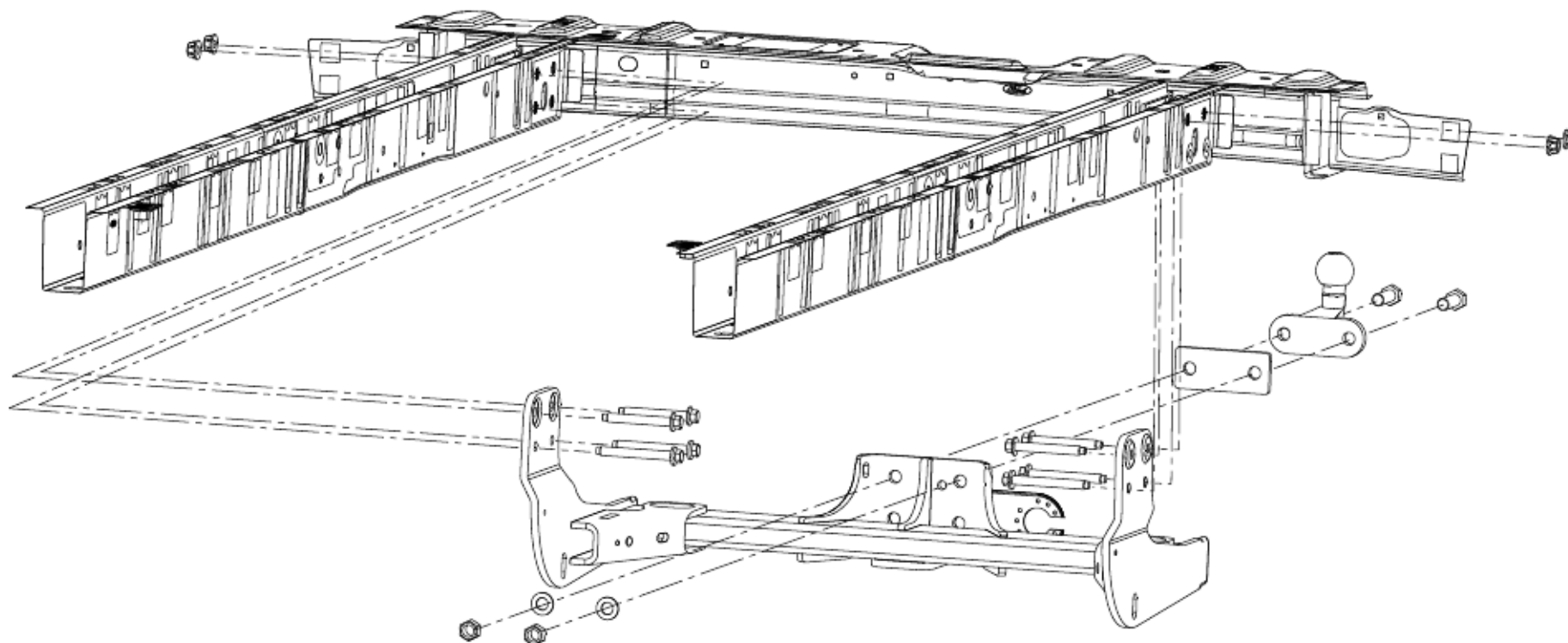
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Reference	FORD	Issue Date 17-JAN-2012	Revision Date	Title TOWBALL INSTALLATION (VBK LOW FLOOR)	Attachment Number HL-BK21-020402-001
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Reference	Issue Date	Title
	17-JAN-2012	TRAILER COUPLING (VBK LOW FLOOR)
FORD	Revision Date	Attachment Number
		HL-BK21-020402-002





Reference	FORD	Issue Date 17-JAN-2012	Revision Date	Title TRAILER TOW HITCH INSTALLATION (VBK LOW FLOOR)	Attachment Number HL-BK21-020402-003
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Ford-Werke GmbH

Bernhard Mattes
Chairman of the Management Board

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☎ (2 21) 90-3 72 40

April 29, 2009

The certificates of conformity (COC) according to Annex IX of Directive 2007/46/EC for
vehicles manufactured by

Ford-Werke GmbH
D-50725 Koeln
Germany

will be signed by

Bernhard Mattes





Ford-Werke GmbH

Dr. Hermann H. Hollmann
Mitglied der Geschäftsführung

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50725 Köln

Besucheradresse:
Henry-Ford-Straße 1
Köln-Niehl

☎ (02 21) 90-1 75 31

April 29, 2009

The certificates of conformity (COC) according to Annex IX of Directive 2007/46/EC for vehicles manufactured by

Ford-Werke GmbH
D-50725 Koeln
Germany

will be signed by

Dr. Hermann H. Hollmann
Member of the Management Board





Ford-Werke GmbH

Dr. Wolfgang G. Schneider
Geschäftsführung
Europa- und Regierungs-Angelegenheiten
Umweltpolitik

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Fax: (02 21) 90-1 41 45

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Germany

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Dr. Wolfgang G. Schneider

Member of the Board
European, Governmental and Environmental Affairs
Ford-Werke GmbH



TEST RESULTS

(Annex VIII of 2007/46/EC amended by 678/2011)

Type: FAC

1. Results of the sound level tests

Number of the base regulatory act and latest amending regulatory act applicable to the approval. In case of a regulatory act with two or more implementation stages, indicate also 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 ⁻¹]
CVFF1D??	??A????????	R51.02	74.00	77.00	2625
CVFF1E??	??A????????	R51.02	74.00	77.00	2625
CVFF1F??	??A????????	R51.02	74.00	77.00	2625
CYFF1D??	??A????????	R51.02	74.00	77.00	2625
CYFF1E??	??A????????	R51.02	74.00	77.00	2625
CYFF1F??	??A????????	R51.02	74.00	77.00	2625
DRFF1D??	??A????????	R51.02	74.00	77.00	2625
DRFF1E??	??A????????	R51.02	74.00	77.00	2625
DRFF1F??	??A????????	R51.02	74.00	77.00	2625

TEST RESULTS

(Annex VIII of 2007/46/EC amended by 678/2011)

Type: FAC

2. Results of the exhaust emission tests

2.1. Emissions from motor vehicles

Indicate the latest amending regulatory act applicable to the approval. In case the regulatory act has two or more implementation stages, indicate also the implementation stage:

Fuel(s):

Variant	Fuel(s)	Latest amending regulatory act
CVFF????	Diesel	459/2012K
CYFF????	Diesel	459/2012K
DRFF????	Diesel	459/2012K

2.1.1. Test type I vehicle emissions in the test cycle after a cold start

Variant	Version	All values in [mg/km]						[#/km]
		CO	THC	NMHC	NO _x	THC + NO _x	PM	P
CVFF????	D?AJ???B??TD	662.6	Not applicable	Not applicable	267.1	305.5	1.00	4.24 x 10 ¹⁰
	D?AJ???B??UD	662.6	Not applicable	Not applicable	267.1	305.5	1.00	4.24 x 10 ¹⁰
	E?AJ???B??TA	662.6	Not applicable	Not applicable	267.1	305.5	1.00	4.24 x 10 ¹⁰
	F?AM???B??TA	589.5	Not applicable	Not applicable	266.0	304.9	1.14	4.83 x 10 ⁹
	F?AM???B??UA	589.5	Not applicable	Not applicable	266.0	304.9	1.14	4.83 x 10 ⁹
CYFF????	D?AJ???B??TD	662.6	Not applicable	Not applicable	267.1	305.5	1.00	4.24 x 10 ¹⁰
	D?AJ???B??UD	662.6	Not applicable	Not applicable	267.1	305.5	1.00	4.24 x 10 ¹⁰
	E?AJ???B??TA	662.6	Not applicable	Not applicable	267.1	305.5	1.00	4.24 x 10 ¹⁰
	F?AM???B??TA	589.5	Not applicable	Not applicable	266.0	304.9	1.14	4.83 x 10 ⁹
	F?AM???B??UA	589.5	Not applicable	Not applicable	266.0	304.9	1.14	4.83 x 10 ⁹
DRFF????	D?AJ???B??TD	662.6	Not applicable	Not applicable	267.1	305.5	1.00	4.24 x 10 ¹⁰
	D?AJ???B??UD	662.6	Not applicable	Not applicable	267.1	305.5	1.00	4.24 x 10 ¹⁰
	E?AJ???B??TA	662.6	Not applicable	Not applicable	267.1	305.5	1.00	4.24 x 10 ¹⁰

TEST RESULTS

(Annex VIII of 2007/46/EC amended by 678/2011)

Type: FAC

2.1.2. Test type II emissions data required for roadworthiness:

Type II, low idle test:

Variant	Version	CO [Vol%]	Engine Speed [min ⁻¹]	Engine Oil Temperature [°C]
CVFF????	????????????	Not applicable	Not applicable	Not applicable
CYFF????	????????????	Not applicable	Not applicable	Not applicable
DRFF????	????????????	Not applicable	Not applicable	Not applicable

Type II, high idle test:

Variant	Version	CO [Vol%]	Lambda Value	Engine Speed [min ⁻¹]	Engine Oil Temperature [°C]
CVFF????	????????????	Not applicable	Not applicable	Not applicable	Not applicable
CYFF????	????????????	Not applicable	Not applicable	Not applicable	Not applicable
DRFF????	????????????	Not applicable	Not applicable	Not applicable	Not applicable

2.1.3. Result of type III test:

Variant	Result of Type III Test
CVFF????	Not applicable
CYFF????	
DRFF????	

2.1.4. Result of type IV test (evaporative test):

Variant	Result of Type IV Test [g/test]
CVFF????	Not applicable
CYFF????	
DRFF????	

TEST RESULTS

(Annex VIII of 2007/46/EC amended by 678/2011)

Type: FAC

2.1.5. Result of type V test on durability:

- Durability type:
- Deterioration factor DF:
- Value of specification:

All values in [mg/km]									[#/km]
Variant	Durability Type	Deterioration Factor DF	CO	THC	NMHC	NO _x	THC + NO _x	PM	P
CVFF????	bench ageing test	calculated/additive	129.0500	Not applicable	Not applicable	5.2700	11.9200	0.3400	0.0000
CYFF????	bench ageing test	calculated/additive	129.0500	Not applicable	Not applicable	5.2700	11.9200	0.3400	0.0000
DRFF????	bench ageing test	calculated/additive	129.0500	Not applicable	Not applicable	5.2700	11.9200	0.3400	0.0000

2.1.6. Result of type VI test on emissions by low ambient temperature:

All values in [mg/km]			
Variant	Version	CO	THC
CVFF????	???J????????	Not applicable	Not applicable
	???M????????	Not applicable	Not applicable
CYFF????	???J????????	Not applicable	Not applicable
	???M????????	Not applicable	Not applicable
DRFF????	???J????????	Not applicable	Not applicable

2.1.7. OBD:

Variant	OBD
CVFF????	Yes
CYFF????	
DRFF????	

2.2. Emissions from engines for use in vehicles

Indicate the latest amending regulatory act applicable to the approval. In case the regulatory act has two or more implementation stages, indicate also the implementation stage:

Fuel(s): Not applicable

TEST RESULTS

(Annex VIII of 2007/46/EC amended by 678/2011)

Type: FAC

2.3. Diesel smoke

Indicate the latest amending regulatory act applicable to the approval. In case the regulatory act has two or more implementation stages, indicate also the implementation stage:

2.3.1. Results of the test under free acceleration

Variant	Version	Latest amending regulatory act	Normal engine idling speed [min ⁻¹]	Maximum engine speed [min ⁻¹]	Oil temperature (min. to max.) [°C]	Corrected value of the absorption coefficient [m ⁻¹]
CVFF????	????????????	459/2012	800	Not recorded	Not recorded	0.50
CYFF????	????????????	459/2012	800	Not recorded	Not recorded	0.50
DRFF????	????????????	459/2012	800	Not recorded	Not recorded	0.51

TEST RESULTS

(Annex VIII of 2007/46/EC amended by 678/2011)

Type: FAC

3. Results of the CO₂ emission / fuel consumption tests

Number of the base regulatory act and the latest amending regulatory act applicable to the approval:

Base regulatory act: 715/2007

Variant	Version	Latest amending regulatory act	Urban condition		Extra urban condition		Combined	
			Fuel consumption [l/100 km]	CO ₂ mass emission [g/km]	Fuel consumption [l/100 km]	CO ₂ mass emission [g/km]	Fuel consumption [l/100 km]	CO ₂ mass emission [g/km]
CVFF1DBA	D9AJACCBAAUD	459/2012K	7.3	193	6.1	161	6.5	172
	D9AJCCCBAAUD	459/2012K	7.3	193	6.1	161	6.5	172
CVFF1EBA	D9AJACCBAATD	459/2012K	7.1	187	6.0	158	6.4	168
	D9AJCCCBAATD	459/2012K	7.1	187	6.0	158	6.4	168
	E9AJACCBAATA	459/2012K	7.1	187	6.0	158	6.4	168
	E9AJCCCBAATA	459/2012K	7.1	187	6.0	158	6.4	168
	F9AMACCBAATA	459/2012K	8.0	211	5.8	153	6.6	173
	F9AMCCCBAUA	459/2012K	8.3	219	6.1	161	6.9	181
CVFF1FBA	E7AJACCBAATA	459/2012K	7.1	187	6.0	158	6.4	168
	E7AJCCCBAATA	459/2012K	7.1	187	6.0	158	6.4	168
	F7AMACCBAATA	459/2012K	8.0	211	5.8	153	6.6	173
	F7AMCCCBAUA	459/2012K	8.3	219	6.1	161	6.9	181
CYFF1DBA	D9AJACCBAAUD	459/2012K	7.3	193	6.1	161	6.5	172
	D9AJCCCBAAUD	459/2012K	7.3	193	6.1	161	6.5	172
CYFF1EBA	D9AJACCBAATD	459/2012K	7.1	187	6.0	158	6.4	168
	D9AJCCCBAATD	459/2012K	7.1	187	6.0	158	6.4	168
	E9AJACCBAATA	459/2012K	7.1	187	6.0	158	6.4	168
	E9AJCCCBAATA	459/2012K	7.1	187	6.0	158	6.4	168
	F9AMACCBAATA	459/2012K	8.0	211	5.8	153	6.6	173
	F9AMCCCBAUA	459/2012K	8.3	219	6.1	161	6.9	181
CYFF1FBA	E7AJACCBAATA	459/2012K	7.1	187	6.0	158	6.4	168
	E7AJCCCBAATA	459/2012K	7.1	187	6.0	158	6.4	168
	F7AMACCBAATA	459/2012K	8.0	211	5.8	153	6.6	173
	F7AMCCCBAUA	459/2012K	8.3	219	6.1	161	6.9	181
DRFF1DBA	D9AJACCBAAUD	459/2012K	7.3	193	6.1	161	6.5	172
	D9AJCCCBAAUD	459/2012K	7.3	193	6.1	161	6.5	172
DRFF1EBA	D9AJACCBAATD	459/2012K	7.1	187	6.0	158	6.4	168
	D9AJCCCBAATD	459/2012K	7.1	187	6.0	158	6.4	168
	E9AJACCBAATA	459/2012K	7.1	187	6.0	158	6.4	168
	E9AJCCCBAATA	459/2012K	7.1	187	6.0	158	6.4	168
DRFF1FBA	E7AJACCBAATA	459/2012K	7.1	187	6.0	158	6.4	168
	E7AJCCCBAATA	459/2012K	7.1	187	6.0	158	6.4	168