

 <b>CITROËN</b>	<b>INFO' DIAG</b>  <b>DIAGNOSTIC TOOLS</b>	<b>LEXIA PROXIA</b>  <b>CD 41 →</b>
<b>DAV</b>	<b>SUBSIDIARIES / IMPORTERS / DR CITROËN NEW VEHICLE DISTRIBUTORS</b> - New vehicle preparer - Campaigns Coordinator <b>CITROËN APPROVED REPAIRERS</b> - After-Sales Manager, Expert Technician - Expert Mechanic, Citroën Technician	<b>No. 422</b>  19/12/2008
<b>THIS NOTE MUST BE PASSED ON, WHEN READ AND WITH COMMENTS, TO EVERYBODY WHO DIRECTLY OR INDIRECTLY HANDLES THE LEXIA / PROXIA DIAGNOSTIC TOOL</b>		

***This INFO'DIAG cancels and replaces INFO'DIAG No 404 dated 26/07/07***

**TITLE:**

BSI ECU configuration on CITROËN C4 PICASSO.

**CONCERNING:**

The operations to configure a BSI ECU:

- Following the replacement of the ECU,
- Following the downloading of the ECU,
- To check the configuration.

**IMPORTANT:**

Incorrect configuration degrades the operation of the vehicle. Please follow the procedure for configuration via the Internet and limit the use of the manual configuration to the cases mentioned in the INFO'DIAG only.

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## **1 INTRODUCTION**

The configuration operation is a delicate one that has direct consequences on the correct operation of the vehicle. Incorrect configuration can affect:

- safety (deactivation of the vehicle's protective devices),
- the general operation of the vehicle (complete loss or degradation of vehicle functions),
- The diagnostics of the vehicle (forwarding of fault codes that can result in the failure of the tool's diagnostic procedures and lead to the unjustified removal of parts).

The configuration operation must therefore be carried out by following the INFO'DIAG instructions in order to ensure that the customer is satisfied by returning their vehicle in perfect operating condition.

## **2 PRELIMINARIES**

It is essential that the following Instructions are followed in order to guarantee the safety related to the operation and the integrity of the vehicle.

### **2.1 Safety Instructions**

Before making any attempt to start the engine:

- Check that the electrically-controlled handbrake is activated,
- if the vehicle has an automatic gearbox, check that the gear lever is in position "P" (Park),
- if the vehicle has an automatic gearbox, check that the gear lever is in position "N" (Neutral),
- if the vehicle has a manual gearbox, check that the gear lever is in neutral.

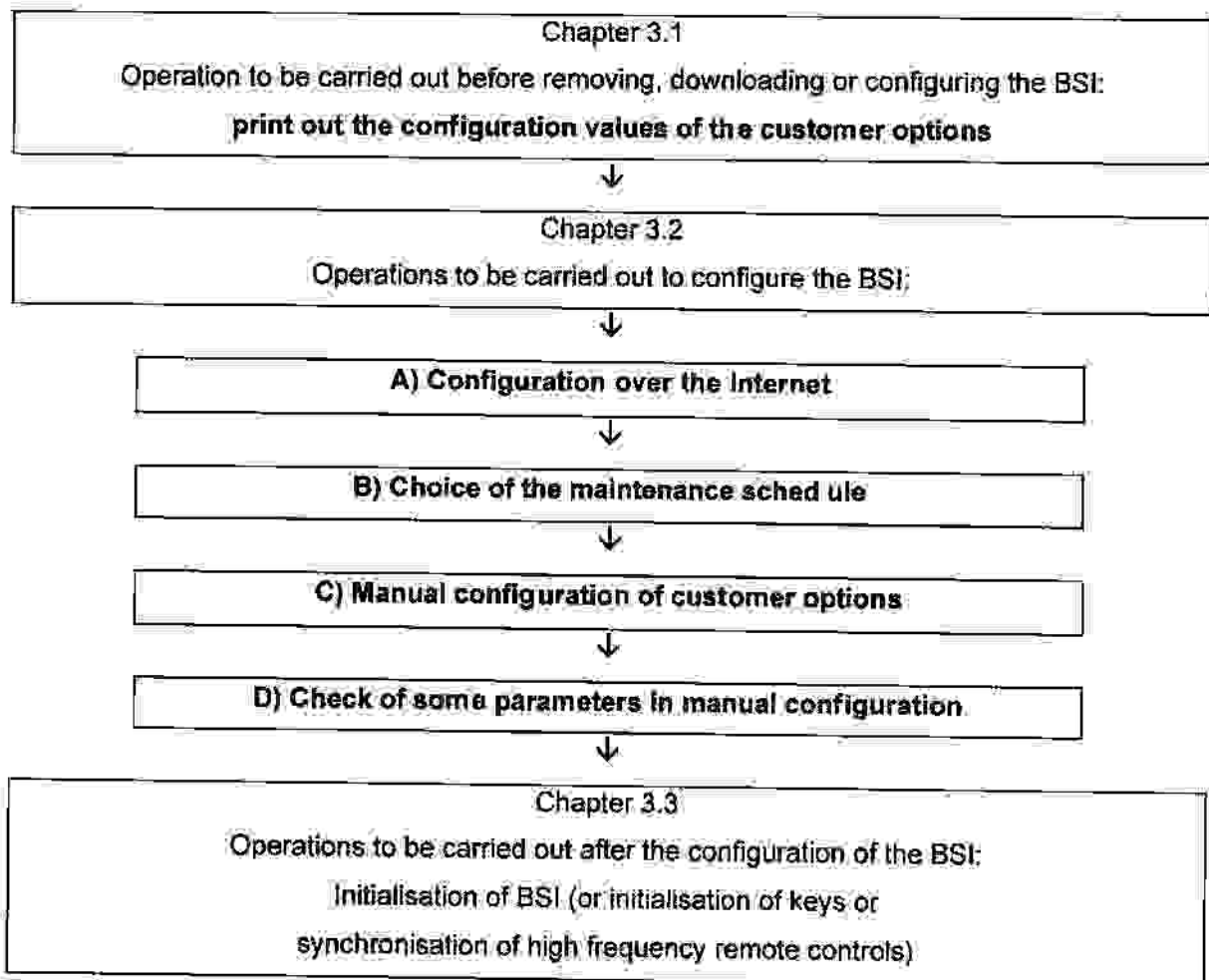
### **2.2 Technical Instructions**

The Built-in Systems Interface must be correctly configured before programming the BSI (BSI initialisation), programming the keys or starting the engine.

### 3 OPERATIONS TO BE CARRIED OUT

This section describes the steps to be followed to configure a built-in systems interface.

- If the configuration is done following the replacement of the built-in systems interface, or following a downloading of it: please see chapters 3.1, 3.2 and 3.3.
- If the configuration is done independently of the replacement of the built-in systems interface, or of a downloading of it (to check the correct configuration of a vehicle for example): see chapters 3.1 and 3.2 only.



### **3.1 Operations to be carried out before removing, downloading or configuring the Built-in Systems Interface**

Before removing the faulty BSI or downloading or configuring the ECU, establish communication with that ECU on the vehicle using the LEXIA or PROXIA diagnostic tool.

Print out the "Customer options" screen of the diagnostic tool giving the values of the configuration parameters (or note the values manually).

To do this, carry out the following operations:

<b>LEXIA or PROXIA</b>	
1	Connect the Diagnostic tool to the vehicle.
2	Select "Diagnostic".
3	Enter the vehicle details then its OPR number.
4	Start the "Global Test".
5	Select the "BSI" item, then confirm with the "*" key.
6	Select the "Configuration" item.
7	Select the "Manual configuration" item.
8	Select the "CUSTOMER OPTIONS" MENU.
9	Print out the screen of the diagnostic tool giving the values of the configuration parameters in this menu or note the values manually.
10	Return to the Global Test by successive presses on the "Return" key.

When this operation has been carried out, replace or download the BSI, if that operation is planned.

### 3.2 Operations to be carried out to configure the Built-in Systems Interface

#### A) Configuration over the Internet

	LEXIA	PROXIA
11	Select the "BSI" item, then confirm with the "*" key.	
12	Select the "Configuration" item.	
13	Select the "Configuration over the Internet" item.	
14	When the configuration parameters screen has appeared, confirm with the "*" key.	A list of the configuration menus appears. Confirm with the "F5" to start configuration over the Internet.
15	Check that the VIN of the vehicle is correct, then confirm with the "*" key.	
16	To connect to the Internet, make the connections shown on the diagnostic tool then confirm with the "*" key to start the configuration over the Internet.	Once the tool has retrieved the configuration data, return to the Proxia tool by confirming with the "return" key.
17	A list of the configuration parameters appears. Confirm with the "*" key	<p>In turn select the menus:</p> <ul style="list-style-type: none"> <li>- "CONFIGURATION"</li> <li>- "ECUS PRESENT",</li> <li>- "VIN code".</li> </ul> <p>In the "CONFIGURATION" Menu, select the Sub-menus:</p> <ul style="list-style-type: none"> <li>- "Vehicle definition – Equipment – Driving information",</li> <li>- "Air conditioning – Cabin heating",</li> <li>- "Lighting – Signalling – Visibility – Rear view mirrors",</li> <li>- "Locking – Doors and tailgate – Immobiliser – Alarm",</li> <li>- "x Fuel gauge pattern – Oil level gauge pattern".</li> </ul> <p><u>In each sub-menu and in the ECUs present, confirm with the "F5" key to configure the parameters retrieved by the tool.</u></p>
18	Return to the main menu of the BSI ("identification", "fault reading", etc.) with successive presses on the "return" key	

#### NOTE:

If the configuration over the Internet does not work (presence of a message to the tool giving the error code associated with the phrase "There is no point in repeating the operation"), perform a manual configuration to replace the configuration over the Internet (base this on the configuration table in chapter 0), before continuing the INFO' DIAG procedure from point B).

#### COMMENT:

### B) Choice of the maintenance schedule

	<b>LEXIA</b>	<b>PROXIA</b>
19	Switch on the ignition. Select the "Maintenance – Operational mode of BSI" item, then confirm with the "*" key.	Select the "Maintenance – Operational mode of BSI" item, then confirm with the "*" key.
20	Select the "Maintenance" item, then confirm with the "*" key.	
21	Select the "Select the maintenance schedule (new vehicle preparation)" item.	
22	Follow the instructions given by the diagnostic tool: answer the questions asked by the diagnostic tool.	
23	Once the choice of maintenance plan procedure has been carried out, return to the main menu of the BSI ("identification", "fault reading"...) with successive presses on the "return" key.	

### C) Manual configuration of customer options

Manually configure the "customer options" parameters, from the print-outs or notes produced previously (chapter 3.1).

	<b>LEXIA or PROXIA</b>
24	Select the "Configuration" item.
25	Select the "Manual configuration" item.
26	Select the "CUSTOMER OPTIONS" MENU.
27	Check (and if necessary modify) the values of each parameter, in accordance with the values of the print-outs or notes.
28	Return to the main menu of the BSI ("identification", "fault reading", etc.) with successive presses on the "return" key.

### D) Check of some parameters in manual configuration

It is necessary to check some configuration parameters (as the central database giving the vehicle data may not be fully up to date). The parameters to be checked manually are highlighted in grey in chapter 4.

	<b>LEXIA or PROXIA</b>
	In turn select the "CONFIGURATION", "ECUS PRESENT", and "VIN code" menus.
	IN the "CONFIGURATION" Menu select the Sub-menus:
29	<ul style="list-style-type: none"> <li>- "Vehicle definition – Equipment – Driving information",</li> <li>- "Air conditioning – Cabin heating",</li> <li>- "Lighting – Signalling – Visibility – Rear view mirrors",</li> <li>- "Locking – Doors and tailgate – Immobiliser – Alarm",</li> <li>- "Fuel gauge pattern – Oil level gauge pattern".</li> </ul>

Configuration failures are monitored centrally to correct any malfunctions of the configuration over the Internet.



30	In each sub-menu and in the "ECUs present" and "VIN code" menus, check (and change if necessary) the values of the parameters highlighted in grey in the configuration tables (see chapter 4).
31	Return to the Global Test by successive presses on the "Return" key.

### 3.3 Operations to be carried out after the configuration of the Built-In Systems Interface

Operations to be carried out only if replacing or downloading a Built-in Systems Interface:

- If the BSI has been changed: programme the new BSI ECU on the vehicle ("BSI initialisation").
- If the BSI has been configured, programme the BSI ECU ("BSI initialisation"), programme the keys or just synchronise the high-frequency remote controls according to what is indicated in the procedure accompanying the recall campaign.

To carry out the initialisation operations, ALL of the customer's key and the confidential code card are required.

	LEXIA	PROXIA
32	Select the "BSI" item, then confirm with the "*" key.	
33	Select the "Initialisation" item.	
34	Select the "BSI Initialisation" menu (or "Initialisation of keys").	Select the "BSI Initialisation" menu (or "Initialisation of keys").
35	Confirm with the "*" key.	
36	Follow the instructions shown on the screens of the diagnostic tool, and particularly those in the bar at the bottom of the screen.	
37	Return to the main menu of the BSI ("identification", "fault reading", etc.) with successive presses on the "return" key	

Once steps n° 32 to n° 37 have been completed, carry out the following operations to check that the vehicle is able to start.

	LEXIA	PROXIA
38	Select the "BSI" item, then confirm with the "*" key.	
39	Select: "Parameter Measurements" menu of the BSI.	
40	Select the "Engine Immobiliser" sub-menu.	Select "screens of predefined parameters" item, then select the "Engine immobiliser" sub-menu.
41	Check that the "BSI matched to the engine management" parameter is at the value "Yes".	

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42 Commands that the "Engine management ECU locked" parameter is at the value "No".

43 Commands that the "Number of keys programmed" parameter is at the value "xx...", where "xx..." corresponds to the total number of customer vehicle keys.

44 For each key, check that the "Transponder label recognised" parameter is at the value "Yes".

45 Return to the main menu screen of the tool ("diagnostics", "downloading", etc.) with successive presses on the "return" key. The diagnostic tool can be disconnected.

## 4 CHECKING OF THE CONFIGURATION

### 4.1 Notes on the configuration tables

The display of the configuration parameters is subject to their presence in the Built-In Systems Interface software

The parameters will be displayed by the diagnostic tool partially or totally according to the software version of the built-in systems interface

An underlined configuration value corresponds to the value to be configured for all vehicles.

#### Configuration comments:

(1): Means that the parameter must be configured depending on whether or not the option is present or on the version of the vehicle. When the option or vehicle version is easy to identify, the return is not accompanied by any special text.

(2): Means that the value given in the "value to be configured" column must be configured. This value is valid for all vehicles. **The configuration of another value is prohibited.**

(3): Means that this parameter is programmed automatically when you use the procedure "CHOICE OF MAINTENANCE PLAN (PRE-DELIVERY INSPECTION)"

### 4.2 Configuration menus



When the "manual configuration" menu has been selected, the following menus are available:

Menus	Pages
Customer options	10
Configuration	11
ECUs present	35
VIN code	37

#### COMMENT:

The parameters of the "Customer options" menu are also present in the configuration menu, it is therefore not necessary to configure these if the configuration of the parameters of the "Configuration" menu have been or will be carried out..

### 4.3 Customer Options

Configuration parameter	Value to be configured	Comments
Multiplexed electric mirrors with folding	No	Driver's door panel with printed button 
	Yes	Driver's door panel with printed button 
Presence rear window wiping in reverse gear	<u>Yes</u>	(2) This configuration parameter is used to activate or deactivate the rear window wiping when reverse gear is engaged (front wiper in operation). If the customer installs a bike carrier on the rear window, the wiper can be damaged when it is started. If a bike carrier is used, the customer can and must deactivate this function using the multifunction screen.
Option Closing windows with the high frequency remote control and the key	<u>Present</u>	(2)
Type of tyre under-inflation detection	Absent	With rubber wheel valves. ✓
	Direct without display of the pressures	With metal wheel valves.
Type of daytime-running lamps	No daytime-running lamps	For all vehicles except those destined for Scandinavia: Denmark, Sweden, Norway and possibly Finland and Iceland.
	Daytime-running lamps	For vehicles destined for Scandinavia: Denmark, Sweden, Norway and possibly Finland and Iceland. This parameter sets the automatic illumination of the dipped headlamps with the ignition on (engine running) when the lighting control is at 0.
Seat belt not fastened detection for the driver	No	Value not to be configured except on the express request of the customer (deactivation of the driver's seat belt not fastened warning).
	<u>Yes</u>	(2)
Default illumination of the daytime lights	<u>Yes</u>	(2)
Simultaneous illumination of the daytime lights and side lights	<u>Yes</u>	(2)

#### 4.4 Configuration


Once the "Configuration" menu is selected, the following screen appears:

Menus	Content	Pages
A	VEHICLE DEFINITION – EQUIPMENT DRIVER'S INFORMATION	12
B	AIR CONDITIONING – CABIN HEATING	22
C	LIGHTING – SIGNALLING – VISIBILITY – REAR VIEW MIRRORS	27
D	LOCKING – DOORS AND TAILGATE – IMMOBILISER – ALARM	30
E	FUEL GAUGE PATTERN - OIL GAUGE PATTERN	33

The content of each Menu is listed in the following chapters:

#### 4.4.1 Menu: vehicle definition – equipment – driving information (menu A)

Configuration parameter (A)	Value to be configured	Comments
Overspeed alert for countries from the Arabian Peninsula	Absent Present	Configure "Absent" for all vehicles except those destined for the following countries: Saudi Arabia, Bahrain, United Arab Emirates, Kuwait, Oman, Qatar.
Passenger's seat position memorisation control unit option	<u>Absent</u>	(2)
Automatic gearbox option	Absent	For 5 speed manual gearbox or for a 6 speed piloted manual gearbox with gear change controls at the steering wheel.
	Present	For 4 speed AL automatic gearbox or a 6 speed AM automatic gearbox.
Right-hand drive vehicle	No Yes	(1)
Electronic stability control (ESP)	<u>Present</u>	(2)
Driving school vehicle option	<u>Absent</u>	(2)
Engine oil temperature sensor option	<u>Absent</u>	(2)
Passenger airbag option	Absent Present	(1)
Presence of the telematic unit (RT3 or RT4)	No Yes	(1) Depending on presence of a NaviDrive (RT3/RT4) telematic receiver or radio navigation (RNEG).
Presence of water-in-diesel-fuel sensor	Absent Present	(1) The presence of the sensor for detecting water in the diesel fuel is visible thanks to the 3-way blue connector on the diesel fuel filter.
Presence of the air pump	<u>No</u>	(2)
Multifunction display option	<u>Present</u>	(2)
Presence of an electronic gearbox	Yes	For vehicles with an Electronic Gearbox with the gear change paddles at the steering wheel.
	No	For all other vehicles.
Origin of the water-in-diesel-fuel information	Engine relay unit (BSM)	For petrol engines.
	Engine management ECU	For diesel engines.

Configuration parameter (A)	Value to be configured	Comments
Driving position memorisation option	Absent Present	Depending on presence of the memorisation control unit (or the keypad for selection of the positions memorised, located on the driver's seat trim).
Presence of a trailer relay unit (BSR)	No Yes	(1) Depending on presence of a towbar.
Presence and type of vehicle cruise control	Cruise control/speed limiter	(1) Depending on the presence of cruise control and speed limiter buttons on the FCC steering wheel (Buttons « SET + » and « SET - », and control printed « C, Rec. Lim »).
Origin of the oil temperature information	Engine relay unit (BSM)	For DW10BTED4 (RHR, RHJ) and DV6TED4 (9HY, 9HZ) diesel engines.
	Engine management ECU	For all other engines
Presence of the parking assistance button	<u>Yes</u>	(2)
Presence of the parking assistance button	No Yes	(1)
Type of parking assistance	Absent	Without ultra-sonic sensors or with 2 ultra-sonic sensors on the rear bumper (accessory).
	Rear	With 4 ultra-sonic sensors on the rear bumper and without ultra-sonic sensors on the front bumper.
	Front and Rear	With 4 ultra-sonic sensors on the front and rear bumpers.
Presence of the log of functions	<u>Yes</u>	(2)
Presence of the log of functions	<u>Yes</u>	(2)
Parking assistance with visual information	Yes No	(1) Depending on presence of factory fitted parking assistance.
Parking assistance with sound information	No Yes	(1) Depending on presence of factory fitted parking assistance.
Type of tyre under-inflation detection	Absent	With rubber wheel valves. ✓
	Direct without display of the pressures	With metal wheel valves.
Presence of a programmable button	No Yes	(1) The programmable button on the FCC steering wheel is printed  .



Type of detection of presence of fuel cap	No detection	Advanced BSI software edition $\geq 7.00$ .
	By the Built-in Systems Interface	Transrange BSI Advanced BSI software edition $< 7.00$ .
Piloting of the diesel fuel additive pump	No particle filter	For vehicles with no particle emissions filter.
	Multiplexed control	For vehicles with a particle emissions filter
Type of alternator	Standard	For Euro 4 diesel engines
	Piloted	For Euro 4 petrol engines
	Piloted (2 <sup>nd</sup> generation)	For Euro 5 EP6C (5FS), EP6CDT (5FV), DV6CTED4 et DW10CTED4 (RHZ) engines.
Presence of button for parking space sensor	Yes ✓	With ultra-sonic sensors on the front and rear bumpers.
	No	Absence of parking assistance or presence of ultra-sonic sensors, only on the rear bumper.
Presence of warning lamp for parking space sensor	Yes ✓	With ultra-sonic sensors on the front and rear bumpers.
	No	Absence of parking assistance or presence of ultra-sonic sensors, only on the rear bumper.
Total time before next service (threshold)	12, 24 or 160 months	(3) 160 months for all vehicles with an OPR number $< 11032$ .  24 months for « normal » use of the vehicle and an OPR number $\geq 11032$ 12 months for « heavy » use of the vehicle and an OPR number $\geq 11032$
Threshold for first service	2500	Configure 2500 km for vehicles with an OPR number $< 11480$ .
	0	Configure 0 km for vehicles with an OPR number $\geq 11480$ .
	7500	Configure 7500 Km for all vehicles destined for China

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (A)	Value to be configured	Comments
Maintenance threshold (marketing)	Speedometers in kilometres	
	30,000 Km	<p>(3) For a normal use of the vehicle and for the following engine versions (excluding China vehicles):</p> <ul style="list-style-type: none"> <li>For EW7A (6FY) petrol engines</li> <li>For vehicles with petrol engine EW10A (RFJ) with OPR number &lt; 11165.</li> <li>For EP6 (5FW), EP6DT (5FX, 5FT), EP6DTS (5FY), EP6C (5FS) and EP6CDT (5FV) petrol engines.</li> <li>For DW10BTED4 PEF (RHJ, RHR) and DW10CTED4 PEF (RHZ) diesel engines.</li> </ul>
	20,000 Km	<p>(3) For a normal use of the vehicle and for the following engine versions (excluding China vehicles):</p> <ul style="list-style-type: none"> <li>For vehicles with petrol engine EW10A (RFJ) with OPR number ≥ 11165.</li> <li>For DV6TED4 FAP (9HZ) or non-PEF (9HY) diesel engine</li> </ul> <p>For a heavy use of the vehicle and for the following engine versions:</p> <ul style="list-style-type: none"> <li>For EW7A (6FY) petrol engines</li> <li>For vehicles with petrol engine EW10A (RFJ) with OPR number &lt; 11165.</li> <li>For EP6 (5FW), EP6DT (5FX, 5FT), EP6DTS (5FY), EP6C (5FS) and EP6CDT (5FV) petrol engines.</li> <li>For DW10BTED4 PEF (RHJ, RHR) and DW10CTED4 PEF (RHZ) diesel engines.</li> </ul>
	15,000 Km	<p>(3) For all Chinese vehicles.</p> <p>For a heavy use of the vehicle and for the following engine versions:</p> <ul style="list-style-type: none"> <li>For vehicles with petrol engine EW10A (RFJ) with OPR number ≥ 11165.</li> <li>For DV6TED4 PEF (9HZ) or non-PEF (9HY) diesel engines</li> </ul>

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (A)	Value to be configured	Comments
Maintenance threshold (marketing)	<b>Speedometers in miles</b>	
	32,000 Km	(3) For a normal use of the vehicle and for the following engine versions: <ul style="list-style-type: none"> <li>For EW7A (6FY) petrol engines</li> <li>For vehicles with petrol engine EW10A (RFJ) with OPR number &lt; 11165.</li> <li>For EP6 (5FW), EP6DT (5FX, 5FT), EP6DTS (5FY), EP6C (5FS) and EP6CDT (5FV) petrol engines.</li> <li>For DW10BTED4 PEF (RHJ, RHR) and DW10CTED4 PEF (RHZ) diesel engines.</li> </ul>
	20,000 Km	(3) For a normal use of the vehicle and for the following engine versions: <ul style="list-style-type: none"> <li>For vehicles with petrol engine EW10A (RFJ) with OPR number ≥ 11165.</li> <li>For DV6TED4 PEF (9HZ) or non-PEF (9HY) diesel engines</li> </ul>
	19,200 Km	(3) For a heavy use of the vehicle and for the following engine versions: <ul style="list-style-type: none"> <li>For EW7A (6FY) petrol engines</li> <li>For vehicles with petrol engine EW10A (RFJ) with OPR number &lt; 11165.</li> <li>For EP6 (5FW), EP6DT (5FX, 5FT), EP6DTS (5FY), EP6C (5FS) and EP6CDT (5FV) petrol engines.</li> <li>For DW10BTED4 PEF (RHJ, RHR) and DW10CTED4 PEF (RHZ) diesel engines.</li> </ul>
	16,000 Km	(3) For a heavy use of the vehicle and for the following engine versions: <ul style="list-style-type: none"> <li>For vehicles with petrol engine EW10A (RFJ) with OPR number ≥ 11165.</li> <li>For DV6TED4 PEF (9HZ) or non-PEF (9HY) diesel engines</li> </ul>
Duration before first service	<u>0 months</u>	(2)

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (A)	Value to be configured	Comments
✓ Type of maintenance:	<u>Distance threshold maintenance with time deadline element</u>	(2)
Kilometre threshold for forcing of customer mode	<u>250</u>	(2) Configure the value 250 (km).
Memorisation of faults	<u>Authorised</u>	(2)(3)
Kilometre threshold for automatic change from park mode to customer mode	<u>1</u>	(2)(3) Configure the value 1 (km).
Type of personalisation menu	<u>Unique user profile</u>	(2)
Presence of an electric secondary brake	<u>Yes</u>	(2)
Origin of the oil pressure information	Engine management ECU	For all engines except DW10BTED4 (RHJ, RHR) and DV6TED4 FAP (9HZ) or NON PEF (9HY).
	Engine relay unit (BSM)	For DW10BTED4 (RHJ, RHR) and DV6TED4 PEF (9HZ) or NON PEF (9HY).
✓ Number of seat belt non-fastening switches	<u>No</u>	(2)
✓ Number of seat belt not-fastened switches	2, 4, <del>6</del> or 7	<p>Number of seat belt non-fastening switches</p> <ul style="list-style-type: none"> <li>○ Configure « 2 » if there are neither rear seats nor 3rd row seats</li> <li>○ Configure « 4 » if there are 2 separate rear seats</li> <li>✓ Configure « 5 » if there are 3 separate rear seats and no 3rd row seats</li> <li>○ Configure « 7 » if there are 2 separate rear seats in the third row</li> </ul> <p><b>Note:</b> The presence of a non-fastening detector can be checked by observing the presence of a wire exiting from the seat belt buckle (fixed part).</p>
✓ Sensor for detection of presence of a front passenger	Absent Present	<p>Presence of a sensor for the Transrange BSI</p> <p>Presence of a sensor for advanced BSIs if there is a warning light for the front passenger</p>

Key



Systematically check parameters via the Internet after configuration.

Configuration parameter (A)	Value to be configured	Comments
Seat belt not fastened detection for the driver	<u>Yes</u>	(2)
Detection of non-fastening of front passengers' seatbelts	<u>Yes</u>	(2)
Presence of a radio RD4	No <u>Yes</u>	(1)
Tolerance on value set for the cruise control / speed limiter	<u>2</u>	(2) Configure: 2 kph.
Lane Warning Departure System option	Absent <u>Present</u>	Depending on presence of a button for deactivation of the function.
✓ Presence of a fuel pump	No	For diesel engines.
	<u>Yes</u> ✓	For petrol engines.
Types of information managed by the seat belt fastening control unit	<u>00</u>	(2)
Presence of the strip of seat belt non-fastening warning lamps	<u>No</u>	(2)
✓ Type of vehicle	<u>MPV 5 seater / MPV 7 seater</u>	(1)
Presence of a head-up display system	No	(2)
~ Presence of a rear height corrector control unit (pneumatic suspension)	<u>Yes</u> ✓	For rear pneumatic suspension
	No	For rear metallic suspension
~ Presence of an electronic control for the automatic gearbox	<u>Yes</u> ✓	With 4 or 6 speed automatic gearbox
	No	With 6-speed electronic gearbox or 5-speed manual gearbox
~ Detection of non-fastening of the middle rear passenger's seat belt	No <u>Yes</u> ✓	(1) Depending on presence of the seat belt and on presence of a seat belt non-fastening detector. Note: The presence of a non-fastening detector can be checked by observing the presence of a wire exiting from the seat belt buckle (fixed part).

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (A)	Value to be configured	Comments
Detection of non-fastening of the left rear passenger's seat belt	<u>Yes</u>	(2)
Detection of non-fastening of the right rear passenger's seat belt	<u>Yes</u>	(2)
Presence of a rev counter control unit or an odometer warning control unit	<u>No</u>	(2)
Presence of an audio equaliser amplifier	Yes No	(1)
Detection of non-fastening of seat belts for the third row of seats	Yes No	(1) Depending on presence of a third row of seats
Sound alert for parking assistance emitted by the switch module under the steering wheel	No	With car radio RD4 or a Navidrive telematic receiver (RT3 or RT4).
	Yes	Without car radio RD4 or a Navidrive telematic receiver (RT3 or RT4). For an accessory radio
Display of fuel consumption without overconsumption due to the regeneration of the particle filter	<u>No</u>	(2)
Time of response by the engine ECU to the BSI when operating the cruise control	600 ms	For all vehicles except those fitted with both Transrange BSI and a diesel DV6 (9HY and 9HZ) engine.
	1200 ms	For vehicles fitted with both Transrange BSI and a diesel DV6 (9HY and 9HZ) engine.
Display of the alert for fastening of rear seat belts when opening a door or switching on the ignition	<u>Yes</u>	(2)
Presence of Fuse Box for Modifier/Coachbuilder unit	<u>No</u>	(2)

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (A)	Value to be configured	Comments
Retention of braking (by the ESP) for 2 seconds when starting on a gradient	Yes No	(1) Depending on presence of ESP
Presence of a passenger airbag deactivation switch	Yes No	(1)
Estimated battery charge function	Absent Present, performed by the Battery charge status control unit	(1) Depending on presence of the Battery charge status control unit on the earth terminal of the battery
Presence of electrical power point to rear seats (3-door vehicle)	No	(2)
Data sharing between telematics unit and multifunction screen	No	(2)
Presence of power steering	Yes	(2)
Type of battery	42 Ah battery	(2)
Presence of estimated electrical consumption when at a standstill	No	(2)
Type, power and number of fan assembly	00	(2)
Audio system display consumption classes	00	(2)
Audio system consumption classes	00	(2)
Gearbox consumption classes	00	(2)
Presence of a dot matrix display	No	(2)
Standardised diagnostics type	Euro 5	For DW10CTED4 (RHZ), DV6CTED4, EP6DTS (5FY), EP6C(5FS) and EP6CDT (5FV) engines.
	Euro 4	For EP6 (5FW), EP6DT (5FX, 5FT), EW10A (RFJ), EW7A (6FY), DV6TED4 PEF (9HZ), DV6TED4 NON PEF (9HY) and DW10BTED4 PEF (RHJ, RHR) engines.

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (A)	Value to be configured	Comments
Presence of safety distance observation assistance	<u>No</u>	(2)
Presence of Electrical Supplies Protection and Management Unit	No	Configure No for all vehicles except those whose OPR is > 11881 (following which the Electrical Supplies Protection and Management Unit can be fitted on the vehicle).
	Yes	
Presence of traction control with thumbwheel	<u>No</u>	(2)
Presence of a detachable water pump	Yes	For Euro 5 EP6C (5FS) and EP6CDT (5FV) petrol engines.
	No	For all other engines
Presence of Service Module	<u>No</u>	(2)

Key



Systematically check parameters via the Internet after configuration



#### 4.4.2 Menu: air conditioning – cabin heating (menu B)

Configuration parameter (B)	Value to be configured	Comments
Presence of an outside temperature sensor	<u>Yes</u>	(2)
Deactivation of load-shedding of the aircon blower	<u>No</u>	(2)
Presence of an aircon compressor with external control	No	For vehicles without air conditioning
	Yes	For vehicles with air conditioning
Presence of a pollution sensor	Yes	For fully-automatic aircon with or without rear aircon
	No	For manual aircon and vehicles without aircon
Presence of blowers relaying the principle blower	Yes	For automatic aircon without rear aircon
	No	For vehicles without aircon or with manual aircon or with automatic aircon with rear aircon
Type of sunlight sensor	No sensor	For vehicles without aircon or with manual aircon
	Mono-zone sunlight sensor	For vehicles with fully-automatic aircon with or without rear aircon
Type of air mixing	Non-piloted	Without aircon or with manual aircon
	Bi zone	With fully-automatic aircon without rear aircon
	Quadri zone	With fully-automatic aircon with rear aircon
Type of air distribution	Non-piloted	Without aircon or with manual aircon
	Monozone	With fully-automatic aircon with or without rear aircon
Type of additional heating	Absent	For a petrol engine

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (B)	Value to be configured	Comments
	Heating elements	For a diesel engine
Aircon compressor drive ratio	1.16	For EP6 (5FW), EP6DT (5FX, 5FT), EP6DTS (5FY) and EP6CDT (5FV) petrol engines.
	1.24	For EW7A (6FY) and EW10A (RFJ) petrol engines.
	1.28	For DV6TED4 PEF (9HZ), DV6TED4 NON PEF (9HY), DV6CTED4 and DW10BTED4 PEF (RHJ, RHR) diesel engines.
	1.40	For the DW10CTED4 (RHZ) diesel engine.
Presence of piloted blower	No	For vehicles without aircon or with manual aircon
	Yes	For vehicles with fully-automatic aircon with or without rear aircon
Presence and type of blown air sensor	Absent	For vehicles without aircon or with manual aircon
	Bi zone	For vehicles with fully-automatic aircon without rear aircon
	Quadri zone	For vehicles with fully-automatic aircon with rear aircon
Type of air inlet	Non-piloted	For vehicles without aircon or with manual aircon
	Piloted as percentage of closing	For vehicles with fully-automatic aircon with or without rear aircon
Recovery of the heat from the exhaust gases for heating the passenger compartment	No Yes	(1) Depending on presence of an RTE pump. (For further info., see Annex 1 at the end of this document)
Recovery of the heat from the engine for heating the	No	For vehicles without aircon or with manual aircon

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (B)	Value to be configured	Comments
passenger compartment	Yes	For vehicles with fully-automatic aircon with or without rear aircon
Type of rear air blower	Blower non-piloted or absent	For vehicles without aircon or with manual aircon
	Blower piloted separately on the right and left side	For vehicles with fully-automatic aircon with rear aircon
	Blower piloted separately right and left sides (indexed relay to the front)	For vehicles with fully-automatic aircon without rear aircon

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (B)	Value to be configured	Comments
Type of climate	Temperate (-17°C to +37°C)	<b>For vehicles destined for the following countries, territories or departments:</b> South Africa, Barbados, Belgium, Bermuda, Cyprus, Spain, Metropolitan France, Great Britain, Greece, Grenada, Guadeloupe, Guyana, Cayman Islands, Ireland, Italy, Jamaica, Luxembourg, Malta, Martinique, Mauritius, Mayotte, New Caledonia, New Zealand, Netherlands, French Polynesia, Portugal, Reunion, Saint Martin, Saint Lucia, Seychelles, Tahiti, Trinidad and Tobago.
	Cold (-25°C to +37°C)	<b>For vehicles destined for the following countries:</b> Albania, Germany, Austria, Azerbaijan, Bosnia, Bulgaria, Croatia, Denmark, Estonia, Hungary, Iceland, Latvia, Lithuania, Macedonia, Poland, Romania, St Pierre et Miquelon, Serbia Montenegro, Slovakia, Slovenia, Switzerland, Czech Republic.
	Very Cold (-30°C to +37°C)	<b>For vehicles destined for the following countries:</b> Armenia, Belarus, Finland, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Norway, Uzbekistan, Russia, Sweden, Turkmenistan, Ukraine.
	Hot (-17°C to +45°C)	<b>For vehicles destined for the following countries:</b> Algeria, Angola, Antigua & Barbuda, Argentina, Aruba, Australia, Bahamas, Bangladesh, Benin, Bolivia, Botswana, Brazil, Brunei, Burkina Faso, Burundi, Cambodia, Cameroon, Cap Verde, Sierra Leone, Chile, Colombia, Comores, Congo, South Korea, Costa Rica, Côte d'Ivoire, Cuba, Djibouti, Egypt, El Salvador, Ecuador, Ethiopia, Fiji, Gabon, Gambia, Ghana, Guatemala, Guinea, Haiti, Honduras, Hong Kong, India, Indonesia, Iraq, Iran, Israel, Japan, Jordan, Kenya, Laos, Lebanon, Liberia, Libya, Macao, Madagascar, Malaysia, Malawi, Mali, Morocco, Mauritania, Mexico, Mozambique, Namibia, Nicaragua, Niger, Nigeria, Uganda, Pakistan, Palestine, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Central African Republic, Democratic Republic of Congo (formerly Zaïre), Dominican Republic, Rwanda, Senegal, Sierra Leone, Singapore, Somalia, Sudan, Sri Lanka, Surinam, Syria, Tajikistan, Taiwan, Tanzania, Chad, Thailand, Togo, Tonga, Tunisia, Turkey, Myanmar, Uruguay, Venezuela, Vietnam, Yemen, Zambia, Zimbabwe.
	Hot (-17°C to +45 °C) and very cold (-30°C to +37 °C)	<b>For all vehicles destined for China.</b>

Key



Systematically check parameters via the Internet after configuration







Configuration parameter (B)	Value to be configured	Comments
Type of aircon compressor	Compressor with autonomous control with clutch	For vehicles without air conditioning
	Compressor with external control with clutch	For vehicles fitted with aircon except those with an EP6 (5FW), EP6DT (5FX, 5FT), EP6DTS (5FY), EP6C (5FS) and EP6CDT (5FV) engine.
	Compressor with external control without clutch	For vehicles fitted with aircon ad those with an EP6 (5FW), EP6DT (5FX, 5FT), EP6DTS (5FY), EP6C (5FS) and EP6CDT (5FV) engine.
Air-conditioning	No	For vehicles without air conditioning
	Yes	For vehicles with air conditioning
Presence of heated seats	No Yes	(1)
Type of aircon pressure sensor	30 bar pressure sensor	For all countries except Saudi Arabia, Bahrain, United Arab Emirates, Kuwait, Qatar and Oman
	35 bar pressure sensor	For the following countries: Saudi Arabia, Bahrain, United Arab Emirates, Kuwait, Oman, Qatar
Position of evaporator temperature sensors	No sensor	Vehicles without aircon
	Front sensor	Vehicles with manual aircon or with automatic aircon without rear cooling
	Front sensor and rear sensor	Vehicles with automatic aircon with rear aircon

Key

☐

Systematically check parameters via the Internet after configuration

#### 4.4.3 Menu: lighting – signalling – visibility – rear view mirrors (menu C)

Configuration parameter (C)	Value to be configured	Comments
Sunlight sensor option	Present Absent	(1)
Rain sensor option	Present Absent	(1)
Front door sill lighting option	Present Absent	(1)
Rear screen wipe option	Present Absent	(1)
Headlamp wash option	Present Absent	(1)
Vehicle location option	Present	(2)
Automatic lighting of hazard warning lamps in the event of impact	Absent	(2)
Timing of guide-me-home lighting option	Absent	Without rain/sunlight sensor
	Present	With rain/sunlight sensor
Automatic lighting of hazard warning lamps under heavy deceleration	Present	(2)
Presence of front foglamps	No Yes	(1)
High frequency remote control foldback of rear view mirrors	No	Driver's door control panel with printed button 
	Yes	Driver's door control panel with printed button 
Multiplexed electric mirrors with folding	No	Driver's door control panel with printed button 
	Yes	Driver's door control panel with printed button 
Rear view mirrors indexed to reverse gear	No	Driver's door control panel with printed button 
	Yes	Driver's door control panel with printed button 

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (C)	Value to be configured	Comments
Presence rear window wiping in reverse gear	<u>Yes</u>	(2) This configuration parameter is used to activate or deactivate the rear window wiping when reverse gear is engaged (front wiper in operation). If the customer installs a bike carrier on the rear window, the wiper can be damaged when it is started. If a bike carrier is used, the customer can and must deactivate this function using the multifunction screen.
Lighting of hazard warning lamps when pressing the emergency call button	<u>Inactive</u>	(2)
Presence of rear foglamps	<u>Yes</u>	(2)
Type of headlamps	Halogen lamps with single filament	For headlamps with halogen bulbs
	Discharge bulbs	For Xenon headlamps
Type of daytime-running lamps	No daytime-running lamps	For all vehicles except those destined for Scandinavia: Denmark, Sweden, Norway and possibly Finland and Iceland.
	Daytime-running lamps	For vehicles destined for Scandinavia: Denmark, Sweden, Norway and possibly Finland and Iceland.
Presence of a rain/sunlight sensor with regulated-speed screen wipe	No	Without rain/sunlight sensor
	Yes	With rain/sunlight sensor
Presence of directional headlamps that can be diagnosed	No Yes	Depending on presence of directional headlamps
Presence of a lighting stalk with four positions	No	Without rain/sunlight sensor
	Yes	With rain/sunlight sensor
Presence of a stalk with one-touch activation of automatic wipe	No	Without rain/sunlight sensor
	Yes	With rain/sunlight sensor

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (C)	Value to be configured	Comments
Activation of automatic lighting of headlamps via the personalisation menu	<u>No</u>	(2)
Presence of a third button on the high frequency remote control for lighting of headlamps	No Yes	(1)
Presence of a left hand reversing lamp	<u>Yes</u>	(2)
Presence of a right hand reversing lamp	<u>Yes</u>	(2)
Default illumination of the daytime lights	<u>Yes</u>	(2)
Simultaneous illumination of the daytime lights and side lights	<u>Yes</u>	(2)
Presence of parking lamps	No Yes	(1) depending on presence of side markers (lights under the door mirrors)
Presence of rear left hand foglamp	<u>Yes</u>	(2)
Presence of rear right hand foglamp	<u>Yes</u>	(2)
Presence of ambiance lighting control unit	No Yes	(1) depending on presence of an ambiance lighting rheostat button under the steering wheel
Type of interior lamp switch	<u>Switch with 3 positions</u>	(2)
Type of lighting on corners	No special lighting	Without directional headlamps
	Dynamic lighting: directional headlamps	With directional headlamp
Presence of ambient and courtesy lighting	<u>Yes</u>	(2)

Key



Systematically check parameters via the Internet after configuration



#### 4.4.4 Locking Menu – Doors and tailgate - immobiliser - alarm (menu D)

Configuration parameter (D)	Value to be configured	Comments
Option for opening the boot via the high frequency remote control	<u>Absent</u>	(2)
Central locking by high frequency remote control	<u>Yes</u>	(2)
Type of locking	Deadlocking	With a deadlocking control (check by performing a deadlocking actuator test)
	Simple locking	With a simple locking control (check by performing a deadlocking actuator test)
Two multiplexed front windows	<u>Yes</u>	(2)
Number / type of sun roof	Without vellum roof / Presence of a vellum roof	(1)
Opening rear screen option	Absent / Present	(1)
Child safety option	Absent	With rear child safety, mechanical or electrical
	Present	With rear child safety, mechanical or electrical
Option Closing windows with the high frequency remote control and the key	<u>Present</u>	(2)
Type of child safety	Mechanical	With mechanical child safety (rear door)
	Electric	With electrical child safety (control button on the driver's door control panel)
Passenger door locking	Absent	For all vehicles except RHD vehicles with deadlocking
	Present	For all vehicles with RHD with deadlocking
Type of alarm	No alarm	Without ultra-sonic detectors on the roof console or on the windscreen aperture pillars
	Standard alarm	Without ultra-sonic detectors on the roof console or on the windscreen aperture pillars

Key




Systematically check parameters via the Internet after configuration

Configuration parameter (D)	Value to be configured	Comments
	<u>Alarm for Belgium</u>	Vehicles destined for Belgium with ultra-sonic detectors on the roof console or on the windscreen aperture pillars
Option for permanent locking of boot	<u>Absent</u>	(2)
Supplier of the high frequency remote control	<u>Johnson</u>	(2) (imperative for initialisation of keys)
Inviolability mode	<u>Active</u>	(2)(3)
Anti-pinch function on windows and sun roof	<u>Present on all openings</u>	(2)
Presence of a multiplexed sun roof	No	Configure depending on presence of vellum roof
	Yes	
Option for opening of rear screen by high frequency remote control	<u>No</u>	(2)
Acquisition of the child safety request	<u>Via the door modules</u>	(2)
Type of closing of boot	<u>Closing of tailgate</u>	(2)
When actioning unlocking by high frequency remote control	<u>Unlocking of driver's door only</u>	(2)
Load compartment locking while driving	<u>No</u>	(2)
Rear openings present on vehicle	<u>None</u>	(2)
Alarm volumetric detection	<u>Active</u>	(2)
Type of fitting of alarm	<u>Factory fitted alarm</u>	(2)
Type of electrical architecture for openings	<u>Conventional architecture</u>	(2)

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (D)	Value to be configured	Comments
Locking/unlocking of the vehicle using high frequency remote control	<u>With indicator lights</u>	(2)
Presence of deadlocks used with simple locking	<u>No</u>	(2)
Presence of special high frequency receiver	<u>No</u>	For all countries except Japan
	<u>Yes</u>	<p>Only in Japan            Une autre façon de contrôler une télécommande 315 MHz est d'ouvrir la télécommande comme pour changer la pile et de vérifier l'inscription ULP315 dans la télécommande.            (Les télécommandes 433MHz n'ont pas d'inscriptions)</p> 
Speed limit for automatic locking whilst driving	<u>10 kph</u>	(2)

Key



Systematically check parameters via the Internet after configuration

#### 4.4.5 Menu: Fuel gauge pattern – Oil level gauge pattern (menu E)

Configuration parameter (E)	Value to be configured	Comments
Type of fuel	Petrol Diesel	(1)
Fuel tank capacity	60	(2) Configure: 60 litres
Gauge resistance, empty tank	344	For advanced BSIs For Transrange BSIs whose software edition is higher than or equal to 17.30.
	350	For Transrange BSIs whose software edition is strictly lower than 17.30.
Gauge resistance, full tank	60	(2) Configure: 60 ohms.
Fuel gauge pattern - alert level	6	For diesel engines.
	7	Everything except diesel engines.
Fuel gauge pattern - selection of the vehicle	Pattern no. 6	For diesel engines with OPR $\leq 11010$ and a BSI software edition higher than or equal to 17.30.
	Pattern no. 7	For diesel engines with OPR $> 11010$ Or For diesel engines with OPR $\leq 11010$ and a BSI software edition strictly inferior to 17.30.
	Pattern no. 8	For all petrol engines.
Selection of engine oil gauging table	Table N°4	For DW10BTED4 PEF (RHR, RHJ) and DW10CTED4 (RHZ) engines.
	Table N°6	For DV6TED4 engines with or without particles emissions filter (9HZ and 9HY) and DV6CTED4.
	Table N°7	For engine EW10A (RFJ)

Key



Systematically check parameters via the Internet after configuration

Configuration parameter (E)	Value to be configured	Comments
	Table N°8	For engine EW7A (6FY)
	Table N°11	For EP6 (5FW), EP6DT (5FX, 5FT), EP6DTS (5FY) and EP6CDT (5FV) petrol engines.
Origin of the oil level information	Engine relay unit (BSM)	For DV6TED4 (9HY and 9HZ) and DW10BTED4 (RHR and RHJ) engines.
	Engine management ECU	For all engines except DV6TED4 (9HY and 9HZ) and DW10BTED4 (RHR and RHJ) engines.
Condition for measuring the oil level	<u>Engine stopped</u>	(2)
Use of "vehicle movement information" for the detection of added fuel	<u>Yes</u>	(2)

Key




Systematically check parameters via the Internet after configuration

#### 4.5 ECUs present

ECU	Value to be configured	Comments
Steering wheel with fixed central controls	<u>Present</u>	(2)
Airbag	<u>Present</u>	(2)
High frequency receiver	Absent	For all countries except Japan
	<u>Present</u>	Only for Japan (high frequency in Japan is different - not the FCC steering wheel that receives the signal from the remote control, but rather the new receiver).
Engine relay unit (BSM)	<u>Present</u>	(2)
Rain /sunlight sensor	Absent <u>Present</u>	(1)
Driver's door module	<u>Present</u>	(2)
Passenger door module	<u>Present</u>	(2)
BSI	<u>Present</u>	(2)
Alarm	Absent <u>Present</u>	Depending on presence of ultra-sonic sensors on the roof console or the windscreen aperture pillar
Parking assistance	Absent <u>Present</u>	Depending on presence of 4 ultra-sonic sensors in the rear bumper
Instrument panel	<u>Present</u>	(2)
Audio system	Absent	Without radio type RD4 With radio-navigation (RNEG) With a NaviDrive telematic unit (RT3 or RT4)
	<u>Present</u>	Without radio type RD4
Lane Warning Departure System	Absent <u>Present</u>	Depending on presence of a switch for activation of the function
With a NaviDrive telematic unit (RT3 or RT4)	Absent	Without a NaviDrive telematic unit (RT3 or RT4) Without radio-navigation (RNEG)
	<u>Present</u>	With a NaviDrive telematic unit (RT3 or RT4) With radio-navigation (RNEG)
Trailer fuse box	Absent <u>Present</u>	Depending on presence of a towbar.
Air conditioning	Absent	Without air conditioning, or with air conditioning without temperature regulation

Key

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ECU	Value to be configured	Comments
	<u>Present</u>	With fully-automatic air conditioning with temperature regulation
Driver's seat memorisation control unit	Absent <u>Present</u>	Depending on presence of the memorisation control unit (or the keypad for selection of the positions memorised, located on the driver's seat trim).
CD changer	Absent <u>Present</u>	(1)
Hands-free kit	No	Configure « No » for a vehicle without radio RD4, or with a radio RD4 without hands-free kit
	<u>Yes</u>	Configure « Yes » for a vehicle with radio RD4 with hands-free kit To check the presence of a hands-free kit, press on the « Menu » button for the radio, note the presence of the following icon  on the right of the multifunction screen.
Front windscreen wiper	<u>Present</u>	(2)
Stereo amplifier	Absent <u>Present</u>	(1)
Steering angle sensor	<u>Yes</u>	(2)
Engine management ECU	<u>Present</u>	(2)
Automatic gearbox / electronic gearbox	Absent <u>Present</u>	(1)
Automatic gearbox electronic control ECU	Absent	Manual or piloted manual gearbox
	<u>Present</u>	Automatic gearbox
ABS / ESP ECU	<u>Present</u>	(2)
Tyre under-inflation detection	Absent	With metal wheel valves.
	<u>Present</u>	With metal wheel valves.
Electric parking brake	<u>Present</u>	(2)

Key



Systematically check parameters via the Internet after configuration

ECU	Value to be configured	Comments
Power steering	<u>Present</u>	(2)
Directional headlamps	Absent Present	(1) Depending on presence of directional or adjustable headlamps
Pneumatic suspension	Absent	Vehicle with rear metallic suspension
	Present	Vehicle with rear pneumatic suspension
Lateral acceleration and yaw sensor	<u>Present</u>	(2)
Additional heating	Absent Present	(1)
Multiplexed diesel additive pump	Absent	- For all petrol engines. - For diesel engines without particle filter:
	Present	For diesel engines with particle filter.
Presence of ambience lighting control unit	Absent	Absence of the rheostat button under the steering wheel
	Present	Presence of the rheostat button under the steering wheel
Battery charge status control unit	Absent Present	(1) Depending on presence of the Battery charge status control unit on the earth terminal of the battery

#### 4.6 Menu: "VIN code"

Enter the vehicle's VIN code (17 characters)

Key

Systematically check parameters via the Internet after configuration



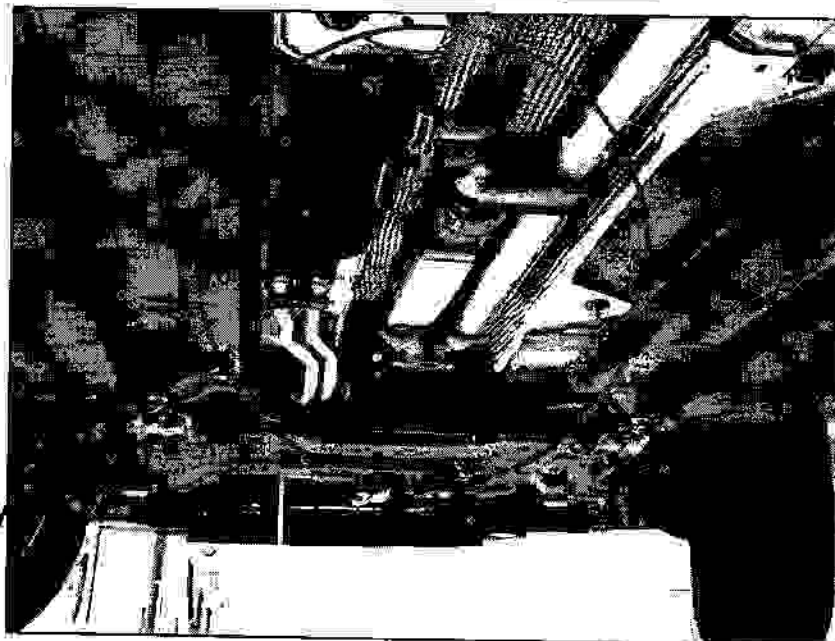
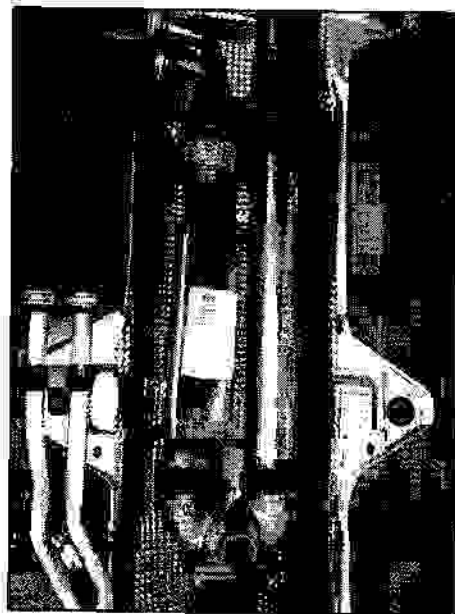
#### 4.7 Appendix 1: how to check for the presence of an RTE pump?

This appendix tells you the simple way to note the presence of an RTE pump under the vehicle, so that you can know whether the vehicle is equipped with the option for recovery of the heat from the exhaust gases for heating of the passenger compartment.

To be able to note the presence or otherwise of the pump, raise the vehicle on a lift.

The pump is at the start of the visible part of the exhaust line under the vehicle (see Figure 1):

##### 4.7.1 Figure 1: presence of an RTE pump



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