


**Global test**

Expert/Global test  
Vehicle\menu\_tgref.s : 81\_02

FAMILY NO.		CONTROL UNIT
6		<b>Built-in systems interface</b>

**BSI2010 (6 Faults)**

**U1F00 00      Fault event not stored in the faults log**

**Properties**

<b>Cause</b>	<b>Local</b>
<b>Status</b>	<b>Present</b>
<b>Features</b>	<b>-</b>

**B1808 87      Fault in the unlocking of the immobiliser by the engine management ECU**

**Properties**

<b>Cause</b>	<b>Local</b>
<b>Status</b>	<b>Intermittent</b>
<b>Features</b>	<b>Request missing</b>

**B132C 1A      Exterior temperature sensor fault**

**Properties**

<b>Cause</b>	<b>Local</b>
<b>Status</b>	<b>Present</b>
<b>Features</b>	<b>Resistance too low</b>

**B1163 15      Number plate lighting control fault**

## Properties

Cause	Local
Status	Present
Features	Open circuit or short circuit to positive

**B1624 73**

**Supplies protection and management unit: Central power switch positive relay status fault**

## Properties

Cause	Distant
Status	Present
Features	Relay closed

**B162C 11**

**Fault: accessories positive relay control and status not coherent**

## Properties

Cause	Local
Status	Present
Features	Relay controlled but inactive



**Engine management ECU**

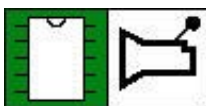
**DCM62**



**Anti-lock Braking System (ABS)  
or Electronic Stability Program  
(ESP)**

**ESP81**

1



**Automatic or piloted manual  
gearbox**

**BVA\_AM6\_AT6\_UDS (1 Faults)**

**U1218 81**

**Communication fault with the built-in Systems Interface**

## Properties

Status

Permanent

Features

Data received invalid

### List of associated variables

Request for the lighting of an automatic gearbox overheating NO warning

ECU reawakening status (RCD) Main

Starter inhibition Starting authorised

Automatic gearbox oil temperature 17 °C

Control unit supply voltage 11.2 V

Exterior air temperature 87.5 °C

Engine coolant temperature 21 °C

Start lock Activated

Vehicle mileage Km



Power steering

GEP



UNDER-INFLATION DETECTION

DSG\_UDS



Battery charge status control unit

BECB\_GEN2



Electric secondary brake

FSE



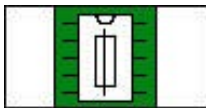
Dynamic headlamp height adjuster

BEMP



*Additional heating*

*Communication error*



**Engine wiring housing**

★ **BSM\_2010**

*Important, ECU present on the vehicle but configured absent*



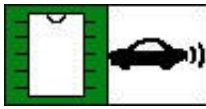
**Airbags and pretensioners ECU**

**RBG\_UDS**

★ **ECU not recognised (6 Faults)**

*Down-grade mode: this information is not guaranteed*

6



**Parking assistance**

**U1802 87**

**ECU not recognized : select the "Fault reading" menu to access the description of the fault code**

**Properties**

**Status**

**Intermittent**

**Characterisation of the fault**

**Message missing**

**U1F00 00**

**ECU not recognized : select the "Fault reading" menu to access the description of the fault code**

**Properties**

**Status**

**Permanent**

**Characterisation of the fault**

**Not characterised**

**B1244 97**

**ECU not recognized : select the "Fault reading" menu to access the description of the fault code**

**Properties**

**Status**

**Intermittent**

**Characterisation of the fault**

**Obstruction or blocking of operation of the system and / or component**

**B1250 92**

**ECU not recognized : select the "Fault reading" menu to access the description of the fault code**

## Properties

Status	Intermittent
Characterisation of the fault	Operation or performance incorrect

**B1251 92**

**ECU not recognized : select the "Fault reading" menu to access the description of the fault code**

## Properties

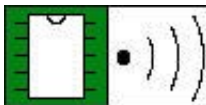
Status	Intermittent
Characterisation of the fault	Operation or performance incorrect

**B1244 92**

**ECU not recognized : select the "Fault reading" menu to access the description of the fault code**

## Properties

Status	Intermittent
Characterisation of the fault	Operation or performance incorrect



**Anti-theft alarm**

**ALARME**



**Instrument panel**

**COMBINE\_UDS**

1



**Telematic unit (RTx) or audio-navigation**

**SMEG\_PLUS (1 Faults)**

**7157**

**Exterior temperature data fault**

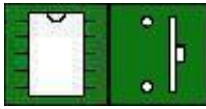
## Properties

Cause	Distant
Characterisation of the fault	Not characterised



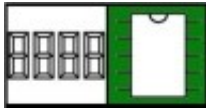
**Service module / Independent telematic unit**

**BTA**



**Multifunction control panel**

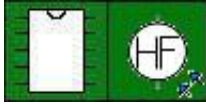
**FMUX**



**Control panel dot matrix display**

**MATT\_C\_2010**

2



**Hands-free unit**

**BML (2 Faults)**

**B1728 13 Front right door handle fault**

**Properties**

<b>Cause</b>	<b>Local</b>
<b>Status</b>	<b>Intermittent</b>
<b>Characterisation of the fault</b>	<b>Open circuit</b>

**B172A 13 Rear right door handle fault**

**Properties**

<b>Cause</b>	<b>Local</b>
<b>Status</b>	<b>Present</b>
<b>Characterisation of the fault</b>	<b>Open circuit</b>

1



**Controls under the steering wheel COM2008P (1 Faults)**

**B1836 00 Transponder aerial fault**

**Properties**

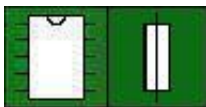
<b>From</b>	<b>Local</b>
<b>Status</b>	<b>Permanent</b>
<b>Characterisation of the fault</b>	



Seat belt not fastened warning lights unit

TNB\_2010

1



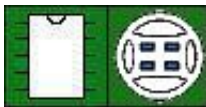
Supplies protection and management unit

BPGA2010 (1 Faults)

**B1624 73** Supplies protection and management unit: Central power switch positive relay status fault

**Properties**

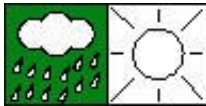
Cause	Distant
Status	Present
Features	Relay closed



Controls on the steering wheel / integral controls steering wheel

VCI

2



Rain and brightness sensor

PLUIE\_LUMINOSITE\_UDS (2 Faults)

**U1802 81** Vehicle speed data fault.

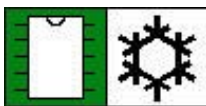
**Properties**

Status	Intermittent
Characterisation of the fault	Data received invalid

**U1800 81** Exterior temperature data fault.

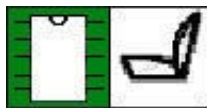
**Properties**

Status	Permanent
Characterisation of the fault	Data received invalid



Air conditioning

CLIM\_REGULEE\_UDS



Seat driver position memory module.

BDMC

1



Driver's door module

★ PDPC (1 Faults)

Important, ECU present on the vehicle but configured absent

F9D0

Driver's mirror mechanism sensor inputs fault .

### Properties

Cause

Local

Characterisation of the fault

Short circuit to earth or short circuit to positive.



Voltage maintaining device

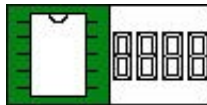
★ DMTC

Important, ECU present on the vehicle but configured absent



Electronic key reader

LCE



Head Up Display

VTH\_UDS



Main beams assistant ECU

RETRO\_INT



Left-hand windscreen wiper motor

MOTEV\_UDS

1



Right-hand windscreen wiper motor

MOTED\_UDS (1 Faults)

B11B0 71

Wipers control mechanics fault

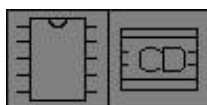
### Properties

Status

Intermittent

Characterisation of the fault

Locking



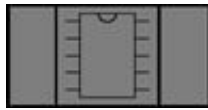
External CD player

Communication error



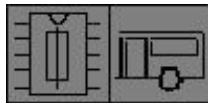
**Electric steering lock**

**AVE**



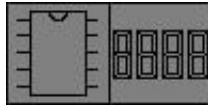
**Active damper electronic unit**

**Not present**



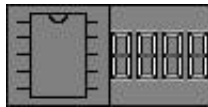
**Trailer relay unit**

**Not present**



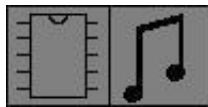
**Multifunction screen**

**Not present**



**Touch screen**

**Not present**



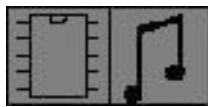
**Radio**

**Not present**



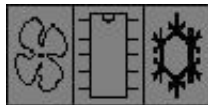
**Telematic navigator / remote control**

**Not present**



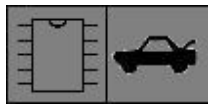
**Audio amplifier**

**Not present**



**Rear air conditioning**

**Not present**



**Motorised Boot Unit**

**Not present**

Help