



Espace

Type

Sub-section

JE0 X

82

83

87

82 CORRECTION TO TECHNICAL NOTE 3028A

- Engine: XXX
 - Gearbox: XXX
- Basic manual: N.T. 3028A

Please glue a photocopy of the following pages in place of pages 82-20, 82-21, 82-22, 83-3, 83-7, 87-3, 87-4, 87-6 and 87-33 in Technical Note 3028A.

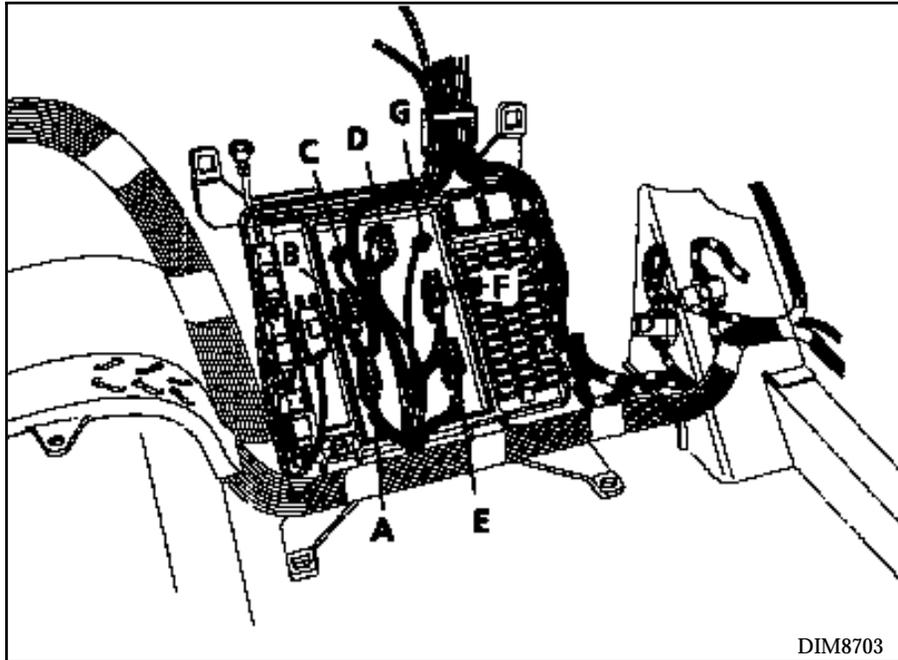
"The repair methods given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The methods may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which his vehicles are constructed."

All copyrights reserved by Renault.

Copying or translating, in part or in full, of this document or use of the service part reference numbering system is forbidden without the prior written authority of Renault.

PASSENGER COMPARTMENT CONNECTION UNIT BII CONNECTIONS



DIM8703

26 TRACK YELLOW CONNECTOR (A)

Track	Allocation
1	Reverse
2	Diagnostic information (line L)
3	0 volt outside temperature sensor
4	Tailgate module / connection unit connection
5	+ protected accessories feed
6	- air bag fault warning light
7	+ left hand side lights
8	+ rear screen washer pump
9	- rear left and right hand door switches
10	- driver's electric window one touch raise control
11	- driver's electric window normal raise control
12	- 1 st row courtesy light
13	+ 12 before ignition feed to passenger compartment connection unit
14	- air bag fault warning light
15	Diagnostic information (line K)
16	Outside temperature sensor information.
17	+ after ignition feed, windscreen wiper
18	- front left hand door switch
19	+ main beam headlights
20	+ windscreen washer pump
21	+ dipped headlights
22	- seat belt information
23	- front right hand door switch
24	Driver's electric window normal lower control
25	- handbrake information
26	- rear electric window blocking control

26 TRACK YELLOW CONNECTOR (B)

Track	Allocation
1	+ display panel rheostat
2	+ air conditioning rheostat
3	- right hand indicator control via stalk
4	- hazard warning lights control / timed information
5	central door locking button opening control
6	- windscreen wiper fast speed command information via stalk
7	- timed wiper operation information
8	antenna/transponder ring / connection unit coded line
9	+antenna/transponder ring feed
10	+ lighting rheostat information
11	+ front fog lights relay
12	+ rear screen wiper timer
13	Display panel information CAN H*
14	- interior lighting via switch
15	- passenger compartment lighting via relay
16	- control panel A/C relay
17	- left hand indicator control
18	central door locking button close control
19	- ADAC sequence
20	- slow speed windscreen wiper information
21	Antenna ring earth
22	Antenna ring interrogation
23	0 volt rheostat potentiometer
24	+ rear fog lights control
25	+ 12 instrument panel protected before ignition feed by pass. comp. connection unit
26	Display panel information CAN L*

*CAN L = Controller Area Network Low
*CAN H = Controller Area Network High (Multiplexed connection)

1 TRACK WHITE CONNECTOR (C)

Track	Allocation
1	Earth

16 TRACK BLACK CONNECTOR (D)

Track	Allocation
1	Right hand indicator output
2	Left hand indicator output
3	Driver's electric window raise
4	Driver's electric window lower
5	Not used
6	+ central door locking button close
7	+ central door locking button open
8	+ fast speed windscreen wiper
9	+ battery windscreen wiper
10	+ front fog lights via relay
11	+battery front fog lights
12	- passenger compartment lighting via relay
13	+ air conditioning authorisation via pressostat
14	- rear RH electric window authorisation
15	- rear LH electric window authorisation
16	+ slow speed windscreen wiper

12 TRACK BLUE CONNECTOR (E)

Track	Allocation
1	- automatic transmission fault warning light
2	Not used
3	- door open output
4	LPG level information
5	LPG fuel selection information
6	Not used
7	- self-levelling suspension fault warning light
8	Not used
9	Not used
10	Not used
11	Fuel flow information
12	- heated seat warning light

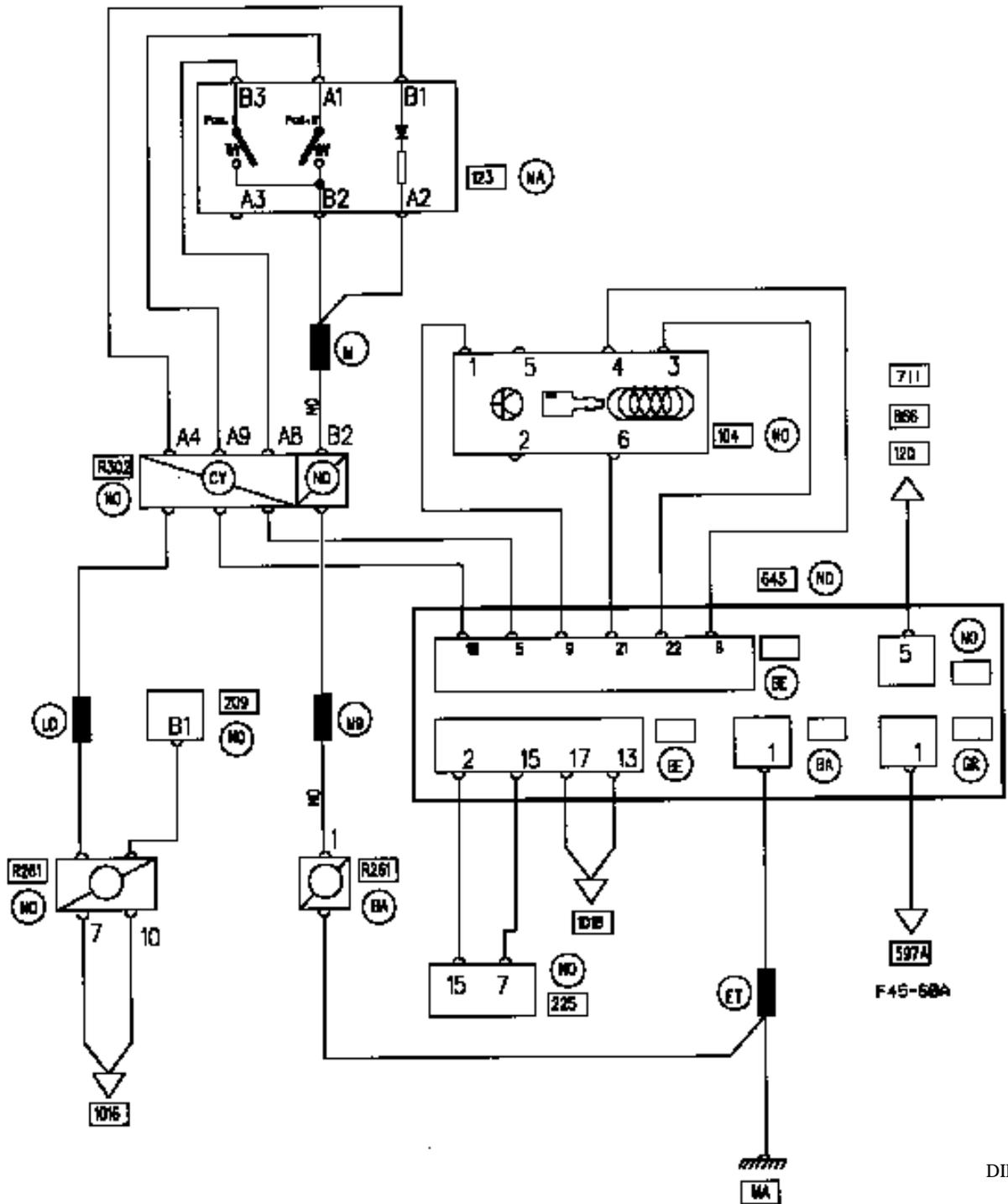
26 TRACK BLUE CONNECTOR (F)

Track	Allocation
1	Coolant temperature information
2	Fuel level information
3	Oil level sensor information
4	TDC information
5	Headlight washer control
6	+ alarm close information
7	+ battery motor 1 fan assembly
8	- brake fluid level information
9	- brake pad wear warning light
10	Not used
11	Not used
12	- charge warning light
13	- ABS warning light
14	Not used
15	0 volt fuel gauge
16	0 volt oil level
17	Secondary fan speed information
18	Injection / diesel coded information
19	+ alarm open information
20	+ battery motor 2 fan assembly
21	- injection fault warning light
22	- oil pressure warning light
23	- catalytic converter overheating warning light
24	- preheating warning light
25	- windscreen wiper park
26	- coolant temperature warning light

1 TRACK GREY CONNECTOR (G)

Track	Allocation
1	+ battery

DIAGRAM



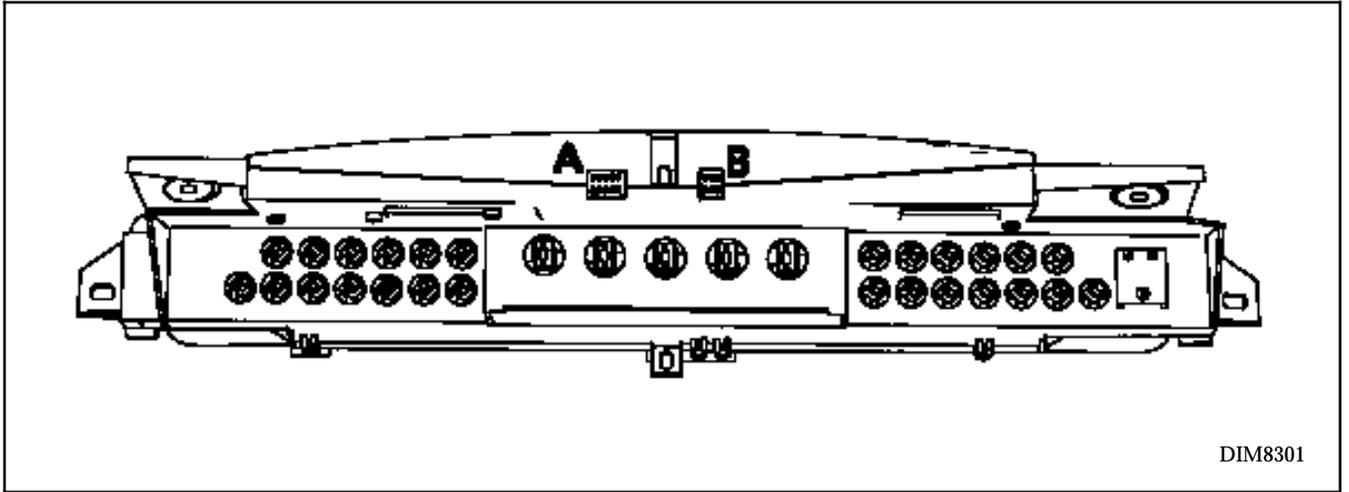
DIM8210

COMPONENTS KEY

104	Ignition switch (antenna ring)
120	Injection computer
123	Door locking button (for entering security code)
209	Lights stalk
225	Diagnostic socket
597	Engine fuse box
645	Passenger compartment connection unit
711	Coded solenoid valve
866	Diesel injection computer
1016	Passenger compartment fuse box

EQUIPMENT LEVEL E1 ,E2 and E3

CONNECTIONS



DIM8301

12 TRACK BLUE CONNECTOR (A)

Track	Allocation
1	Lighting control
2	+Battery
3	Earth
4	Electronic earth
5	Line CAN H
6	Line CAN L
7	Not used

6 TRACK BLACK CONNECTOR (B)

Track	Allocation
1	Radio control
2	Radio control
3	Radio control
4	Radio control
5	Radio control
6	Radio control earth
7	Not used
8	Not used

EQUIPMENT E2 AND E3

Ref.		Colour	VMF	
			Stop	Service
VMF	Maximum coolant temperature	Red	X	
VMF	Catalytic converter overheating (petrol)	Red	X	
VMF	Battery charge	Red	X	
VMF	Minimum oil pressure	Red	X	
VMF	Brake pad wear	Amber		X
VMF	Electronic fault (AT + injection)	Amber		X
VMF	Low fuel	Amber		
VMF	Diesel preheating	Amber		
VMF	Minimum oil level	Amber		X
VMF	Air bag / pretensioner	Amber		X
VMF	Outside temperature and clock (permanent display unless message via multifunction light).	Amber		
VMF	Radio information	Amber		
VMF	When engine stalled	Red		
VMF	ABS fault		X	
VMF	COA fault	Amber		X
VMF	Oil pressure sensor fault	Amber		X
VMF	Battery charge fault	Amber		X
VMF	Nivocode fault (brake fluid)	Red	X	

VMF = Multifunction light

DISPLAY

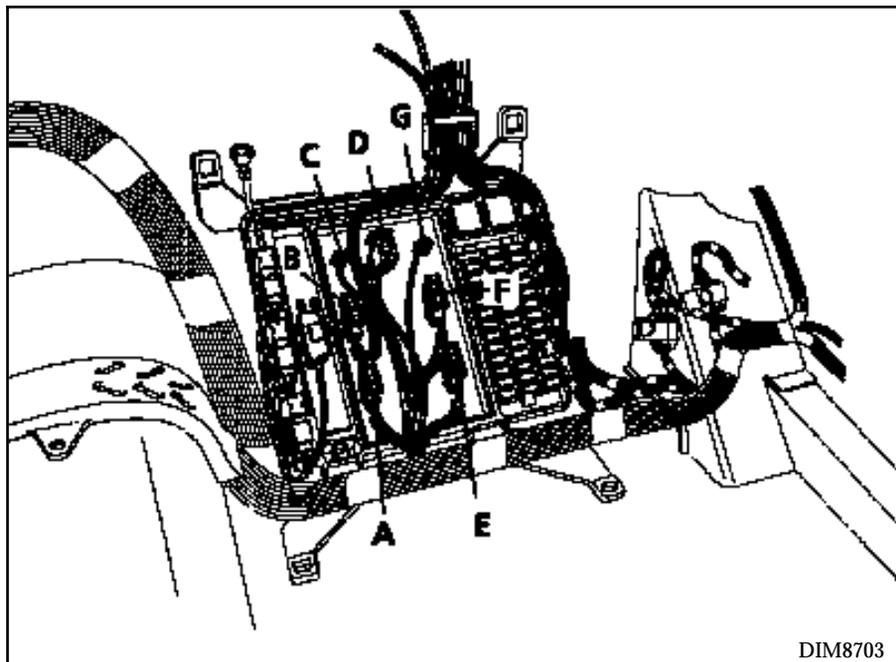
- Digital display of speed in Km/h or MPH.
- Fuel level displayed in bargraph form.
- Oil level, engine stopped, or coolant level displayed (**20 seconds** after + after ignition feed) in bargraph form.
- **ADAC display :**
 - trip total in kilometres
 - average speed
 - average consumption
 - current consumption
 - predicted fuel range.
- Radio display.
- General constant total display in kilometres

* Depending on version or country

ELECTRICAL ASSISTANCE EQUIPMENT

Passenger compartment connection unit (BII)

PASSENGER COMPARTMENT CONNECTION UNIT BII CONNECTIONS



DIM8703

26 TRACK YELLOW CONNECTOR (A)

Track	Allocation
1	Reverse
2	Diagnostic information (line L)
3	0 volt outside temperature sensor
4	Tailgate module / connection unit connection
5	+ protected accessories feed
6	- air bag fault warning light
7	+ left hand side lights
8	+ rear screen washer pump
9	- rear left and right hand door switches
10	- driver's electric window one touch raise control
11	- driver's electric window normal raise control
12	- 1st row courtesy light
13	+ 12 V before ignition feed to passenger compartment connection unit
14	- air bag fault warning light
15	Diagnostic information (line K)
16	Outside temperature sensor information.
17	+ after ignition feed, windscreen wiper
18	- front left hand door switch
19	+ main beam headlights
20	+ windscreen washer pump
21	+ dipped headlights
22	- seat belt information
23	- front right hand door switch
24	Driver's electric window normal lower control
25	- handbrake information
26	- rear electric window blocking control

26 TRACK YELLOW CONNECTOR (B)

Track	Allocation
1	+ display panel rheostat
2	+ air conditioning rheostat
3	- right hand indicator control via stalk
4	- hazard warning lights control / timed information
5	central door locking button opening control
6	- windscreen wiper fast speed command information via stalk
7	- timed wiper operation information
8	antenna/transponder ring / connection unit coded line
9	+antenna/transponder ring feed
10	+ lighting rheostat information
11	+ front fog lights relay
12	+ rear screen wiper timer
13	Display panel information CAN H*
14	- interior lighting via switch
15	- passenger compartment lighting via relay
16	- control panel A/C relay
17	- left hand indicator control
18	central door locking button close control
19	- ADAC sequence
20	- slow speed windscreen wiper information
21	Antenna ring earth
22	Antenna ring interrogation
23	0 volt rheostat potentiometer
24	+ rear fog lights control
25	+ 12 instrument panel protected before ignition feed by pass. comp. connection unit
26	Display panel information CAN L*

*CAN L = Controller Area Network Low
*CAN H = Controller Area Network High (Multiplexed connection)

ELECTRICAL ASSISTANCE EQUIPMENT

Passenger compartment connection unit (BII)

87

1 TRACK WHITE CONNECTOR (C)

Track	Allocation
1	Earth

16 TRACK BLACK CONNECTOR (D)

Track	Allocation
1	Right hand indicator output
2	Left hand indicator output
3	Driver's electric window raise
4	Driver's electric window lower
5	Not used
6	+ central door locking button close
7	+ central door locking button open
8	+ fast speed windscreen wiper
9	+ battery windscreen wiper
10	+ front fog lights via relay
11	+ battery front fog lights
12	- passenger compartment lighting via relay
13	+ air conditioning authorisation via pressostat
14	- rear RH electric window authorisation
15	- rear LH electric window authorisation
16	+ slow speed windscreen wiper

12 TRACK BLUE CONNECTOR (E)

Track	Allocation
1	- automatic transmission fault warning light
2	Not used
3	- door open output
4	LPG level information
5	LPG fuel selection information
6	Not used
7	- self-levelling suspension fault warning light
8	Not used
9	Not used
10	Not used
11	Fuel flow information
12	- heated seat warning light

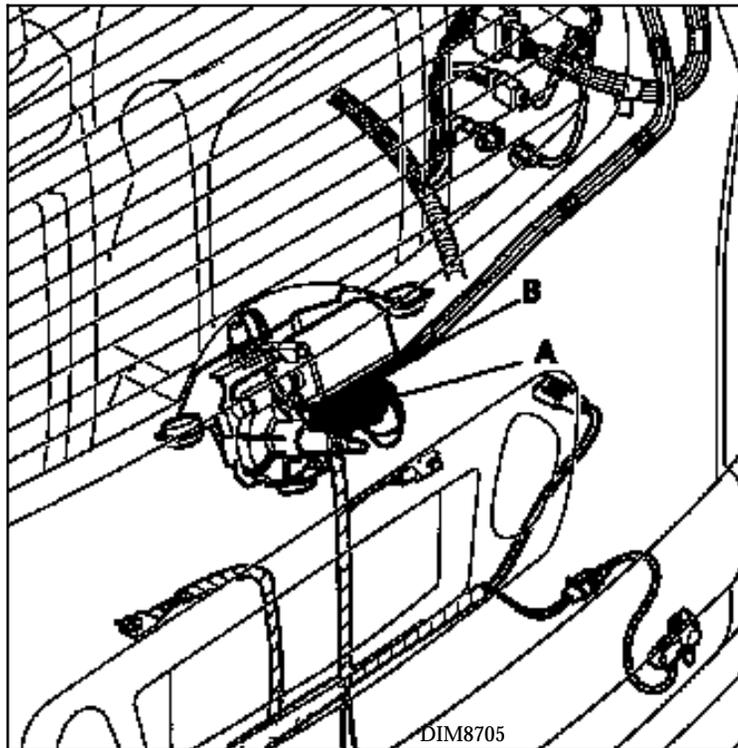
26 TRACK BLUE CONNECTOR (F)

Track	Allocation
1	Coolant temperature information
2	Fuel level information
3	Oil level sensor information
4	TDC information
5	Headlight washer control
6	+ alarm close information
7	+ battery motor 1 fan assembly
8	- brake fluid level information
9	- brake pad wear warning light
10	Not used
11	Not used
12	- charge warning light
13	- ABS warning light
14	Not used
15	0 volt fuel gauge
16	0 volt oil level
17	Secondary fan speed information
18	Injection / diesel coded information
19	+ alarm open information
20	+ battery motor 2 fan assembly
21	- injection fault warning light
22	- oil pressure warning light
23	- catalytic converter overheating warning light
24	- preheating warning light
25	- windscreen wiper park
26	- coolant temperature warning light

1 TRACK GREY CONNECTOR (G)

Track	Allocation
1	+ battery

TAILGATE MODULE



4 TRACK BLACK CONNECTOR (A)

Track	Allocation
1	Earth
2	+ 12 volts protected before ignition feed
3	Serial connection to passenger compartment connection unit BII
4	- 3rd row courtesy light/tailgate and luggage compartment lighting via tailgate module

18 TRACK BLACK CONNECTOR (B)

Track	Allocation
1	Not used
2	Tailgate motor open
3	Opening rear screen switch
4	Rear screen switch earth via tailgate module
5	+ right hand number plate feed
6	Tailgate motor close
7	+ rear right hand fog light control
8	+ rear left hand fog light control
9	- rear right hand fog light control
10	Not used
11	Screen motor open
12	Right and left hand tailgate switches Right and left hand tailgate earth via tailgate module
13	
14	+ left hand number plate feed
15	Screen motor close
16	- rear left hand fog light control
17	Right hand number plate earth control
18	Left hand number plate earth control

13



Fiche n° 67 side 1/3°

Bargraph 13 RH side incorrect illumination**Air bag connection****XR25 aid** : Illuminates for 3 seconds with the ignition switched on**NOTES**

Two cases are dealt with

- BG 13RH remains extinguished when ignition turned on : case 1.
- BG 13RH remains illuminated, no fault : case 2.

Use bornier Elé 1506 to make the measurements.
Lock the air bag computer.

Case 1

If the bargraph does not illuminate, check:

- See configuration of the passenger compartment connection unit.
- The continuity between track 6 of the 26 track yellow connector (A) on the passenger compartment connection unit (BII) and track 8 of the air bag computer.

Case 2

If the bargraph remains illuminated without a fault, check:

- The insulation between track 6 of the 26 track yellow connector (A) on the passenger compartment connection unit (BII) and earth.

The bargraph also illuminates when the air bag computer is locked.**AFTER REPAIR**

Erase the computer memory by entering GO**.