



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.

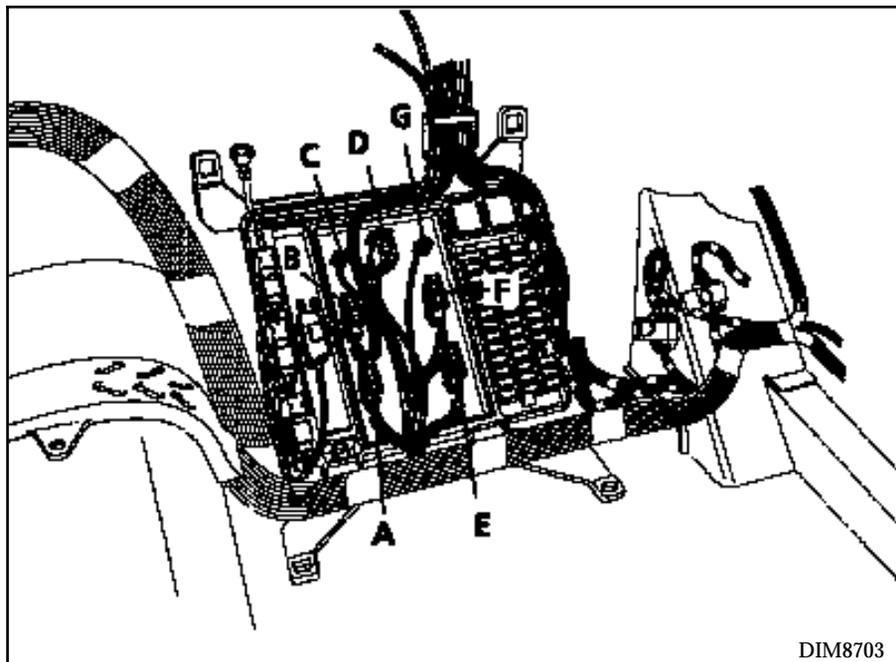
"The repair methods given by the manufacturer in this document are based on the technical specifications current when it was prepared.

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."

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PASSENGER COMPARTMENT CONNECTION UNIT BII CONNECTIONS



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)

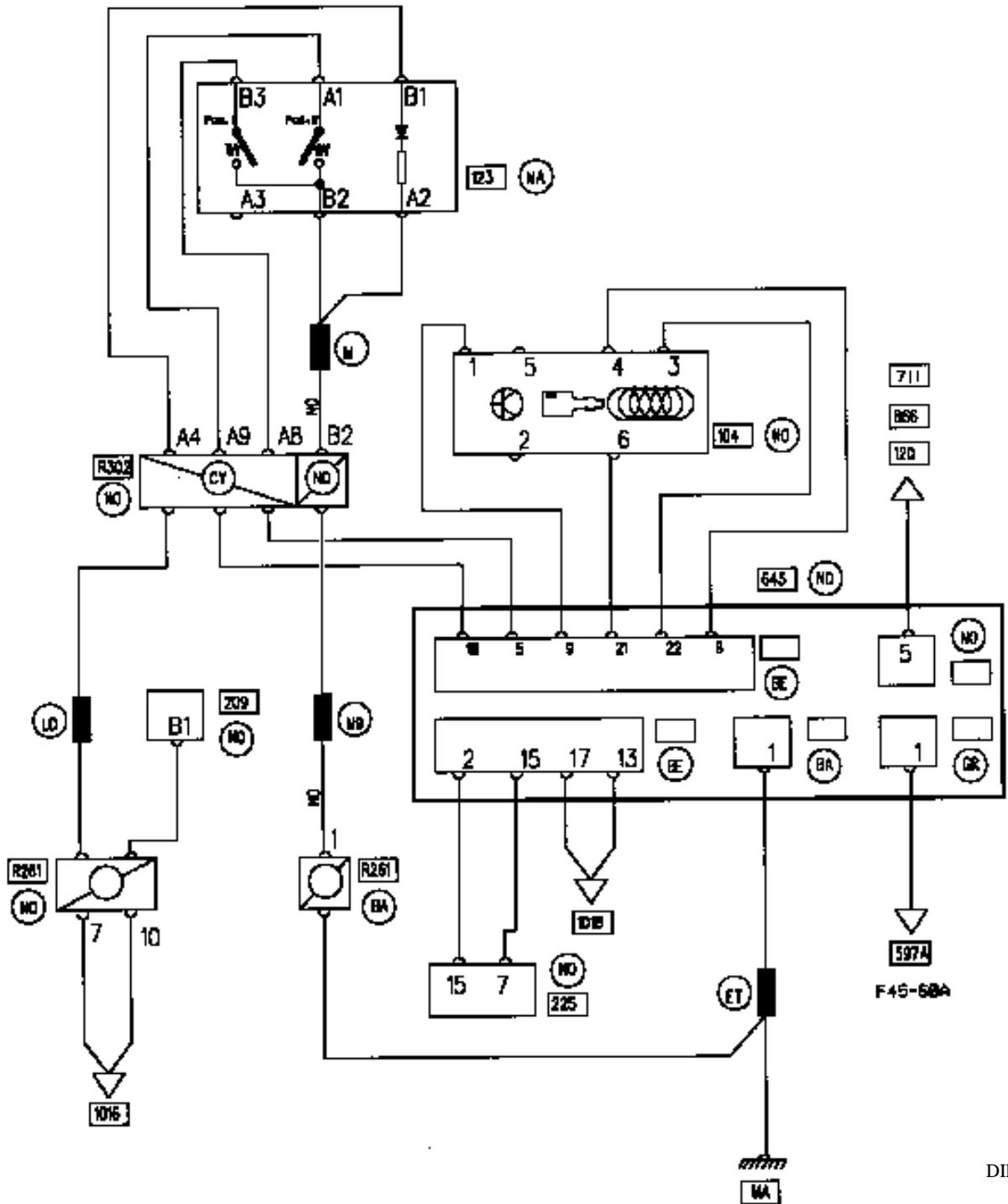
| Track | Allocation |
|-------|------------|
| 1 | + battery |

IMMOBILISER

Passenger compartment connection unit (BII)

82

DIAGRAM



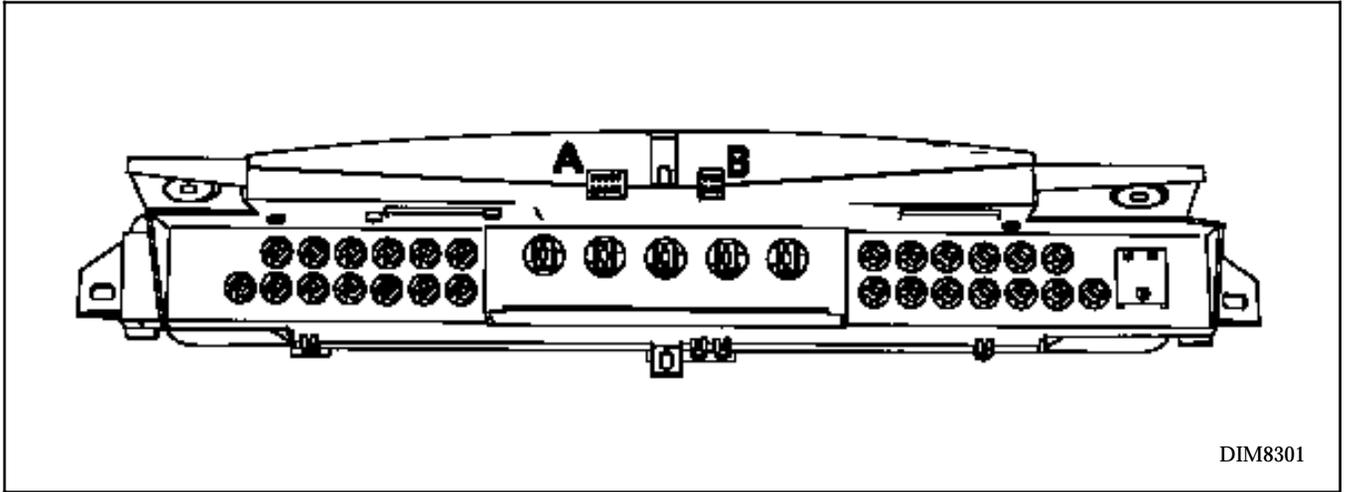
DIM8210

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

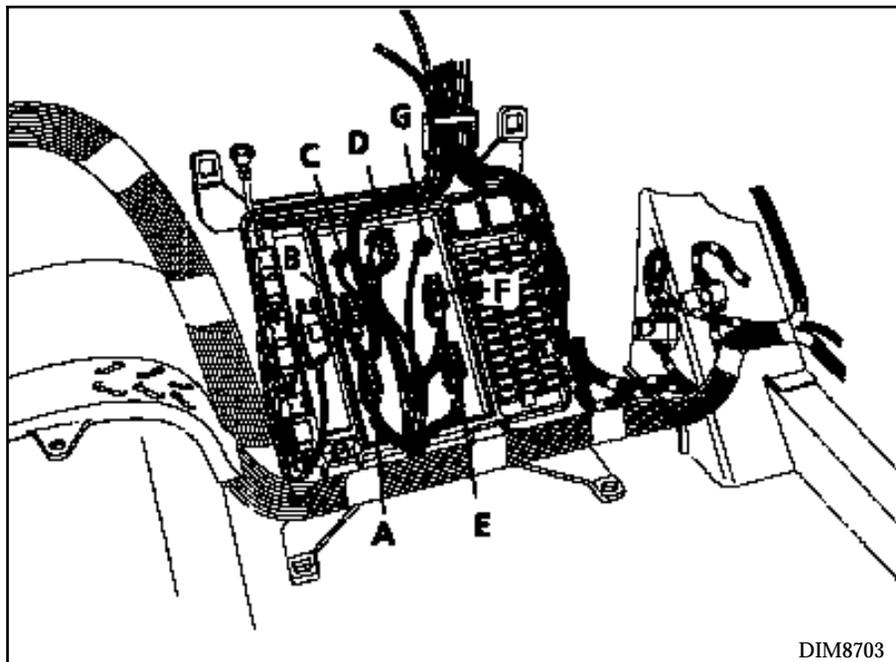
* Depending on version or country

ELECTRICAL ASSISTANCE EQUIPMENT

Passenger compartment connection unit (BII)

87

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 |

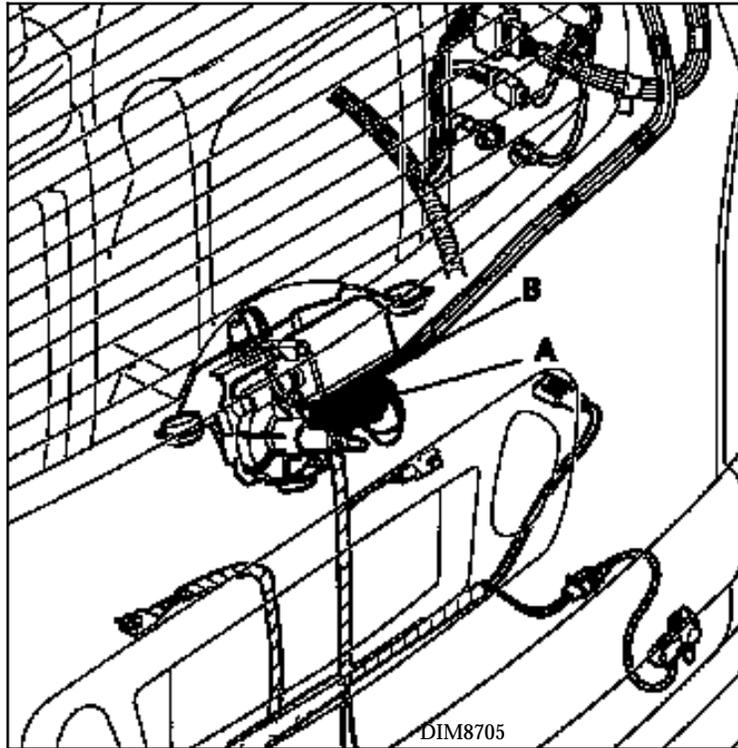
26 TRACK BLUE CONNECTOR (F)

| 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 | tailgate module |
| 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**.