



Technical Note 3806A

XBXX

Basic documents: Workshop Repair Manual 358

Sub-sections concerned: 83A - 84A

Instrument panel and electric windows

Instrument panel removal - refitting method

Fitting the front and rear electric windows

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battery terminals

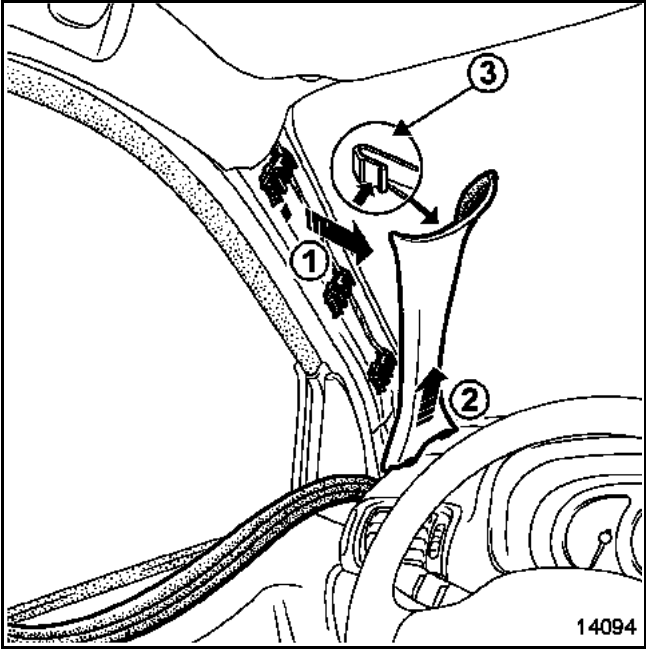
1.2 daNm

REMOVAL

IMPORTANT

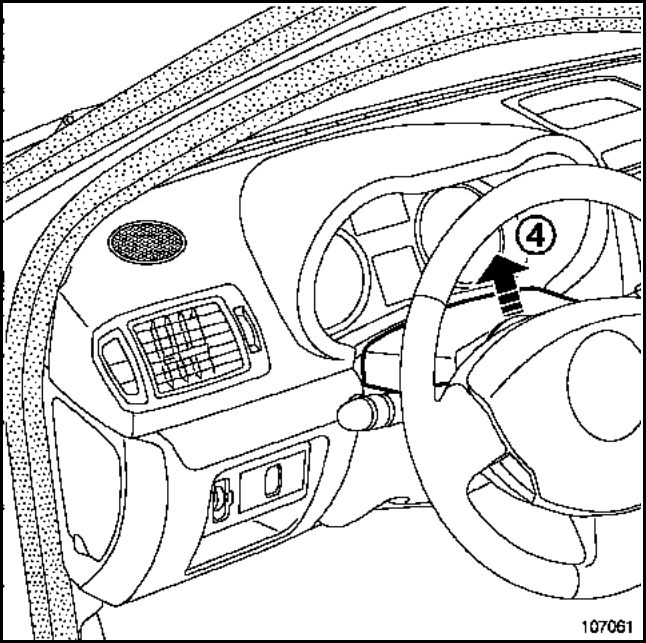
Before carrying out any work on a safety system component, lock the air bag computer with the fault finding tool (see the **Electrical equipment** Section). When this function is activated, all the trigger lines are inhibited, and the air bag warning light on the instrument panel is lit continuously (with ignition on).

Disconnect the battery, starting with the negative terminal.

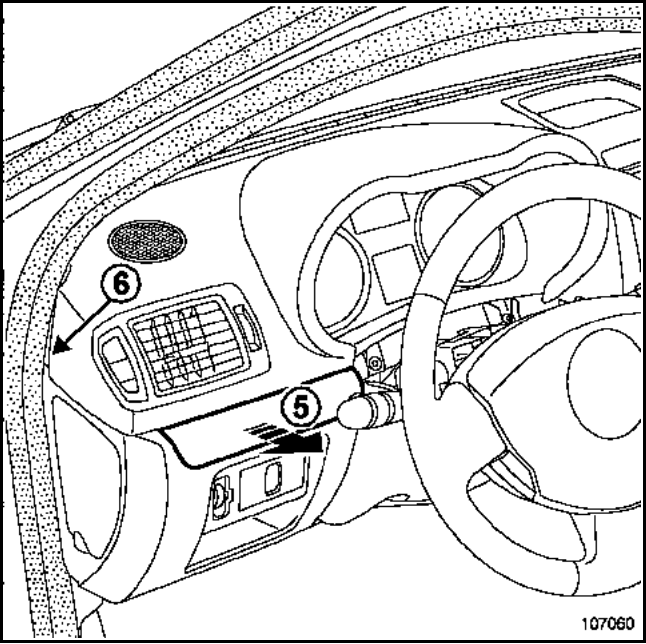


Remove the windscreen pillar trims, as follows:

- move the upper section of the trim slightly to press on the retaining clip (3),
- unclip the trim from its housing by performing movements (1) and (2).



Unclip the casing (4).



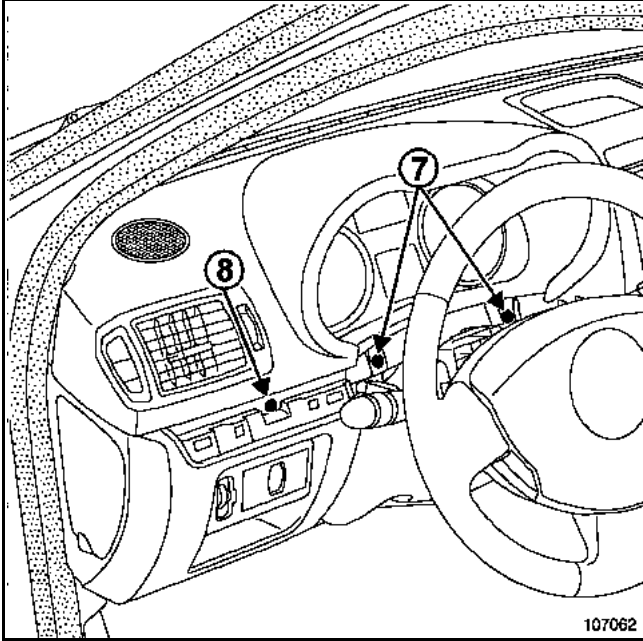
Unclip the trim piece (5).

Remove the bolt (6).

INSTRUMENT PANEL

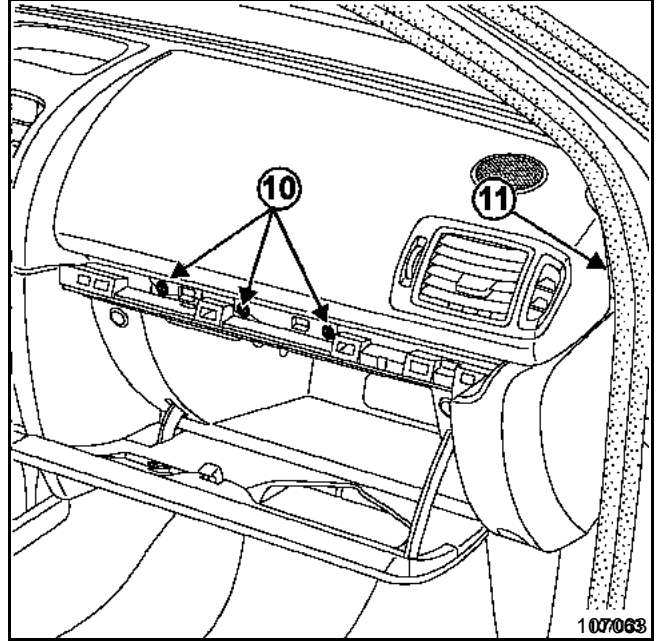
Instrument panel

83A



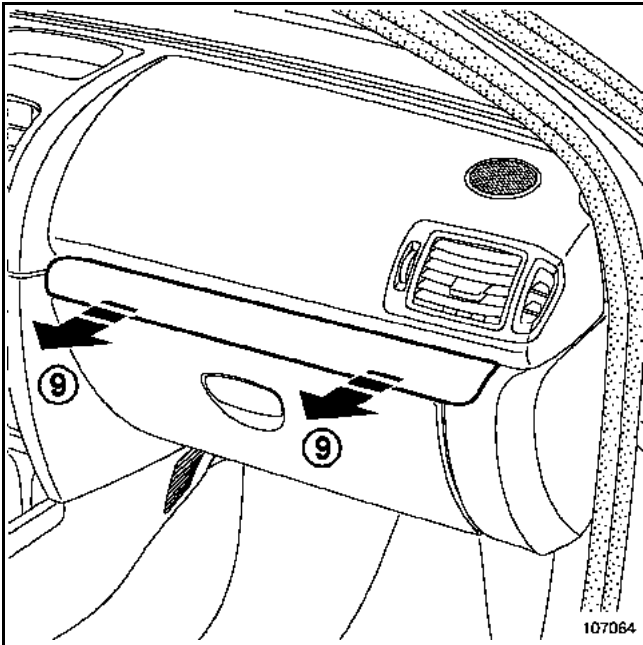
Remove:

- the two bolts (7),
- the bolt (8).



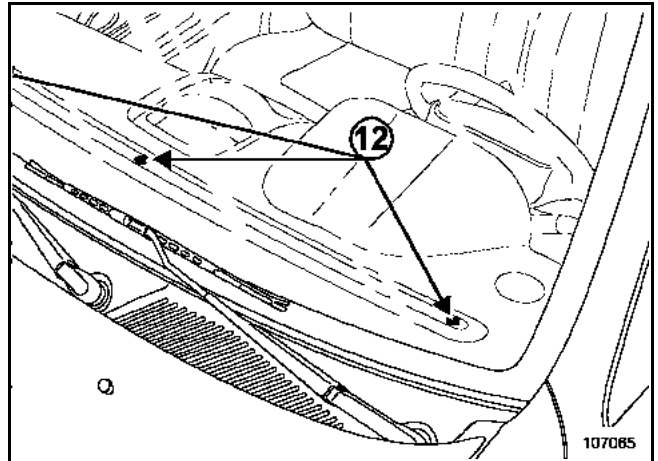
Remove:

- the three bolts (10),
- the bolt (11).

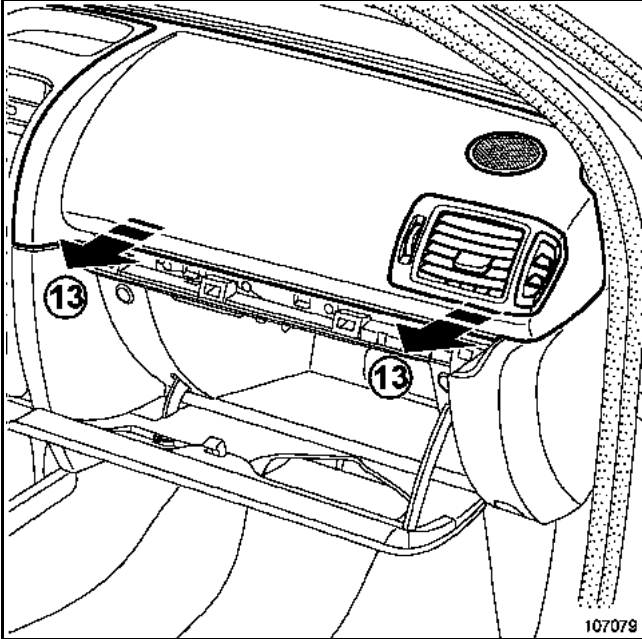


Open the glovebox.

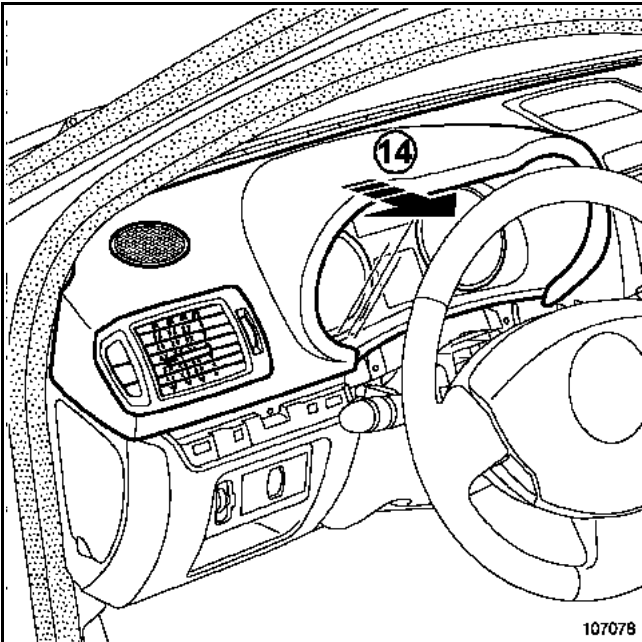
Unclip the trim piece (9).



Remove the three bolts (12).

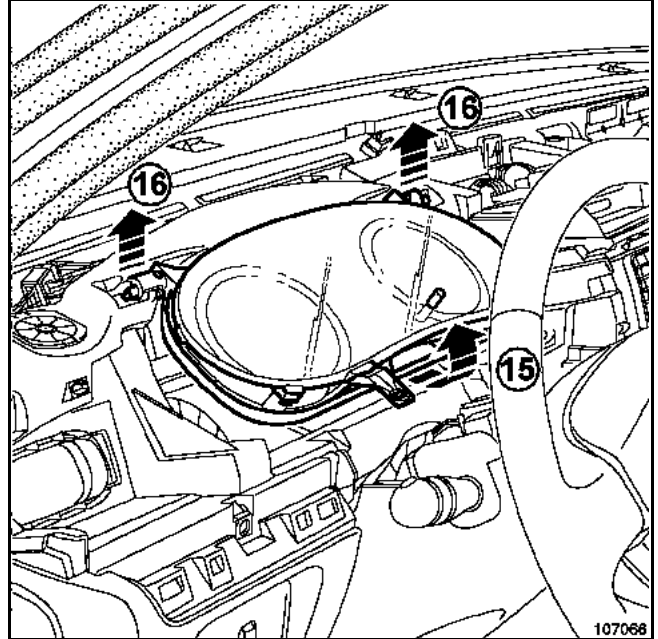


Unclip the dashboard, starting with the passenger side (13).



Unclip the driver's side dashboard (14).

Remove the dashboard.



Lift up the instrument panel at (15).

Unclip:

- the instrument panel (16),
- the connectors.

REFITTING

Proceed in the reverse order to removal.

WARNING

Connect the battery, starting with the positive terminal.
Tighten to torque the **battery terminals (1.2 daNm)**.
Carry out the necessary programming (see the **Electrical equipment** Section).

SPECIAL NOTES ON THE AIR BAG

Unlock the computer if everything is in order, otherwise see the **Fault finding** Workshop Repair Manual.

IMPORTANT

- Check the air bag computer with the **fault finding tool**.
- Any failure to follow these instructions may cause a system malfunction, and may even cause a false activation of the air bags.

OPERATION

TYPES OF UNIT

The vehicle can be fitted with two types of **front window winders**:

- driver's side and passenger side electric windows,
- driver's "one-touch" electric window / passenger's electric window.

Note:
The driver's side window winder switches are all the same.

A rear window winder locking switch is fitted on the driver's door plate.

ELECTRIC WINDOW

The electric window motor is powered via the switch, which can reverse the polarity (for lowering or raising).

ONE-TOUCH ELECTRIC WINDOWS

The one-touch electric window function is provided by the UCH.

Briefly pressing the "lower" switch engages "one-touch" opening (to the lower stop).
Pressing and holding the "lower" switch engages ordinary opening.

Briefly pressing the "raise" switch engages "one-touch" closing (to the upper stop).
Pressing and holding the "raise" switch engages ordinary closing.

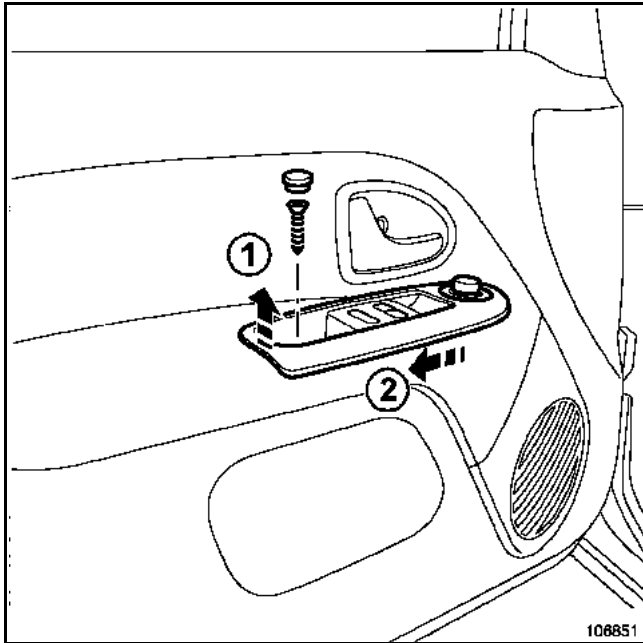
REMOVAL

Electric window switch on driver's door

Note:

The driver's side plate may have (depending on equipment level):

- the driver's window winder control,
- the passenger's window winder control
- the rear window winder locking control.



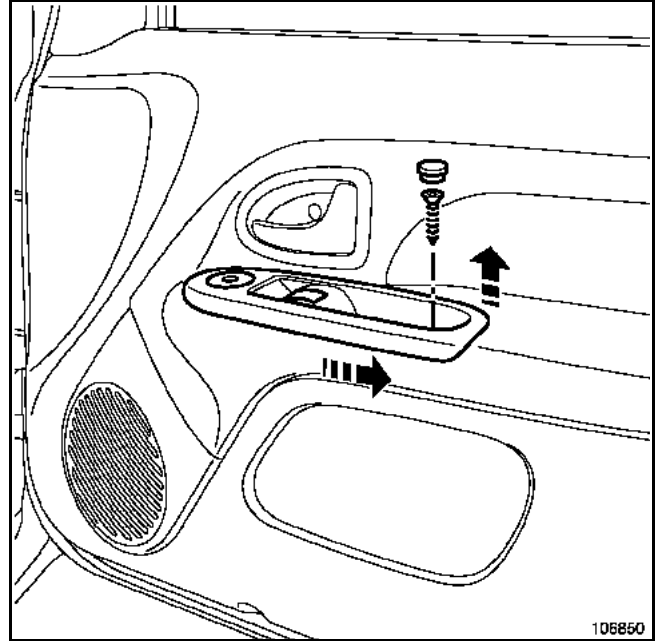
Remove:

- the blanking cover,
- the plate mounting bolt,
- the plate, (1) and (2).

Disconnect the connectors (depending on equipment level).

Remove the window winder switch from the plate.

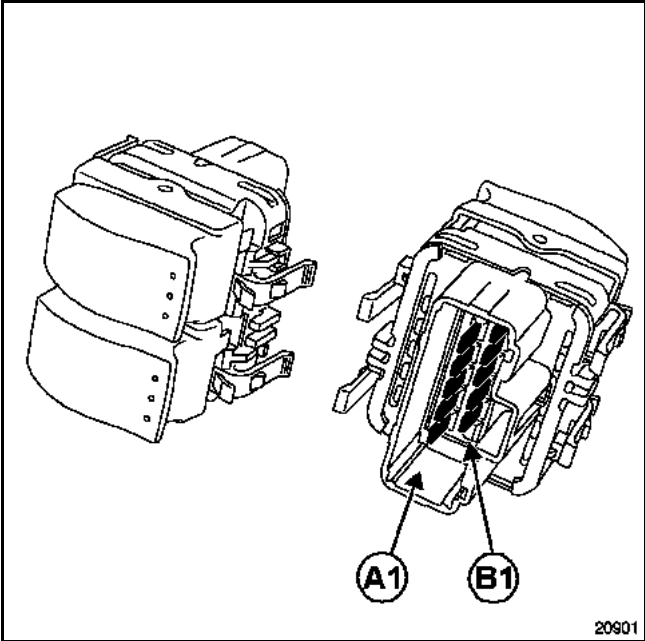
Electric window switch on passenger's door



The removal method is the same as for the driver's door.

LEFT-HAND DRIVE:
DRIVER'S ONE-TOUCH ELECTRIC WINDOW /
PASSENGER'S ELECTRIC WINDOW

Driver's side switches connection



Track	Description
A1	Connection to passenger's switch (A1)
A2	+ after ignition feed
A3	+ lighting feed
A4	Not used
A5	Lower window control
A6	Not used
B1	Not used
B2	Connection to passenger's switch (B2)
B3	+ after ignition feed
B4	Earth
B5	Not used
B6	Raise window control

Driver's side switches operation

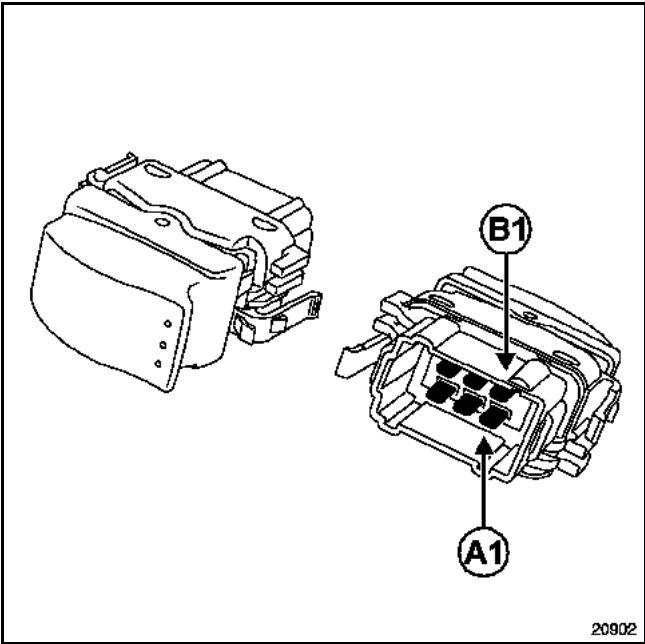
Driver's window control

	A5/B5	B6/A4	B6/B4	A5/B4
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed position	0 Ω	α	0 Ω	α

Passenger's window control

	A1/B3	B2/A2	B2/B4	A1/B4
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed position	0 Ω	α	0 Ω	α

Passenger's side switch connection



Track	Description
A1	+ after ignition feed
A2	Earth
A3	Lower window control
B1	Raise window control
B2	+ after ignition feed
B3	+ lighting feed

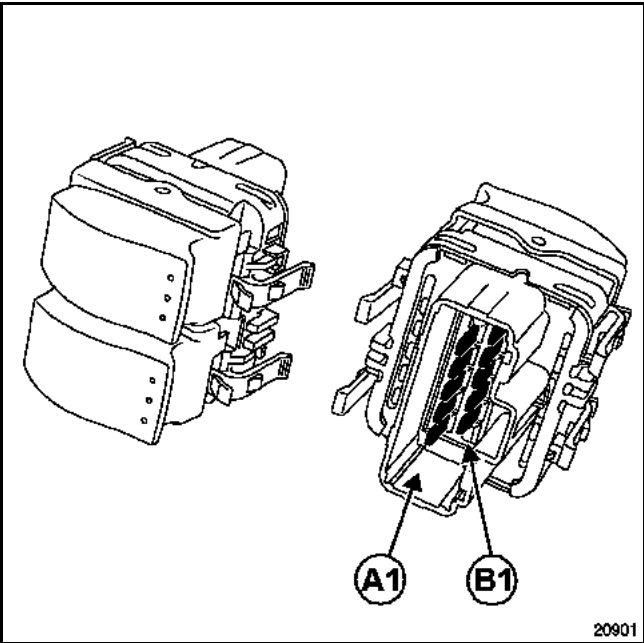
Passenger's side switch operation

	A3/A1	B1/B2	B1/A2	A3/A2
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed position	0 Ω	α	0 Ω	α

Note:
When checking the resistance with an ohmmeter, the reading should be close to 0 Ω when two tracks are in contact.

RIGHT-HAND DRIVE:
DRIVER'S ONE-TOUCH ELECTRIC WINDOW /
PASSENGER'S ELECTRIC WINDOW

Driver's side switches connection



Track	Description
A1	Lower window control
A2	Not used
A3	+ lighting feed
A4	+ after ignition feed
A5	Connection to passenger's switch (A1)
A6	Not used
B1	Not used
B2	Raise window control
B3	Not used
B4	Earth
B5	+ after ignition feed
B6	Connection to passenger's switch (B2)

Driver's side switches operation

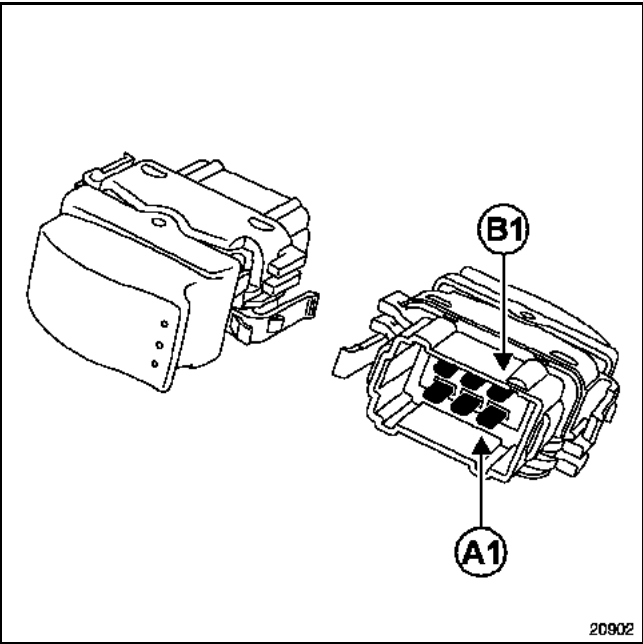
Driver's window control

	A1/B3	B2/A2	B2/B4	A1/B4
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed position	0 Ω	α	0 Ω	α

Passenger's window control

	A5/B5	B6/A4	B6/B4	A5/B4
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed position	0 Ω	α	0 Ω	α

Passenger's side switch connection



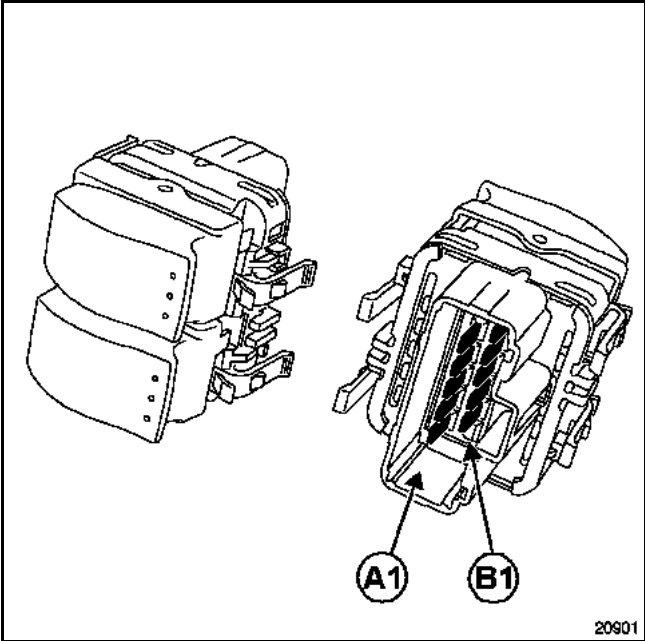
Track	Description
A1	+ after ignition feed
A2	Earth
A3	Lower window control
B1	Raise window control
B2	+ after ignition feed
B3	+ lighting feed

Passenger's side switch operation

	A3/A1	B1/B2	B1/A2	A3/A2
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed position	0 Ω	α	0 Ω	α

LEFT-HAND DRIVE:
DRIVER'S ELECTRIC WINDOW /
PASSENGER'S ELECTRIC WINDOW

Driver's side switches connection



Track	Description
A1	Connection to passenger's switch (A1)
A2	+ after ignition feed
A3	+ lighting feed
A4	+ after ignition feed
A5	Raise window control
A6	Not used
B1	Not used
B2	Connection to passenger's switch (B2)
B3	+ after ignition feed
B4	Earth
B5	+ after ignition feed
B6	Lower window control

Driver's side switches operation

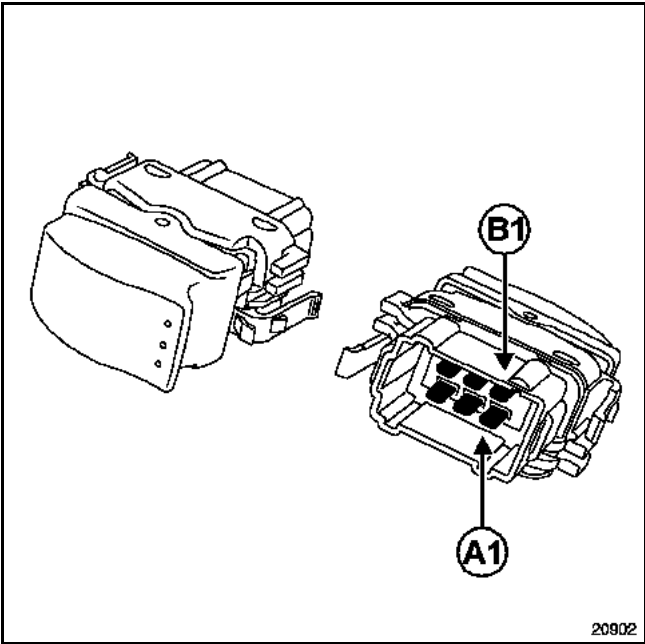
Driver's window control

	A5/B5	B6/A4	B6/B4	A5/B4
Rest position	0 Ω	0 Ω	α	α
Open position	0 Ω	α	0 Ω	α
Closed position	α	0 Ω	α	0 Ω

Passenger window control

	A1/B3	B2/A2	B2/B4	A1/B4
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed	0 Ω	α	0 Ω	α

Passenger's side switch connection



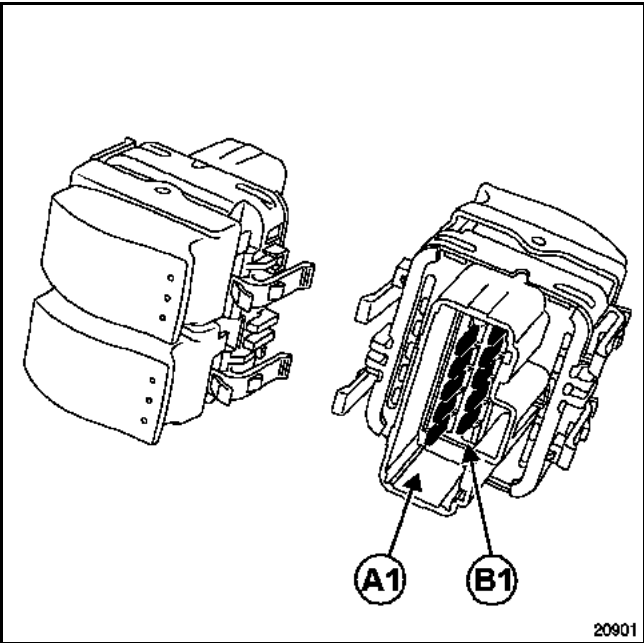
Track	Description
A1	+ after ignition feed
A2	Earth
A3	Lower window control
B1	Raise window control
B2	+ after ignition feed
B3	+ lighting feed

Passenger's side switches operation

	A3/A1	B1/B2	B1/A2	A3/A2
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed position	0 Ω	α	0 Ω	α

RIGHT-HAND DRIVE:
DRIVER'S ELECTRIC WINDOW /
PASSENGER'S ELECTRIC WINDOW

Driver's side switches connection



Track	Description
A1	Raise window control
A2	+ after ignition feed
A3	+ lighting feed
A4	+ after ignition feed
A5	Connection to passenger's switch (A1)
A6	Not used
B1	Not used
B2	Lower window control
B3	+ after ignition feed
B4	Earth
B5	+ after ignition feed
B6	Connection to passenger's switch (B2)

Driver's side switches operation

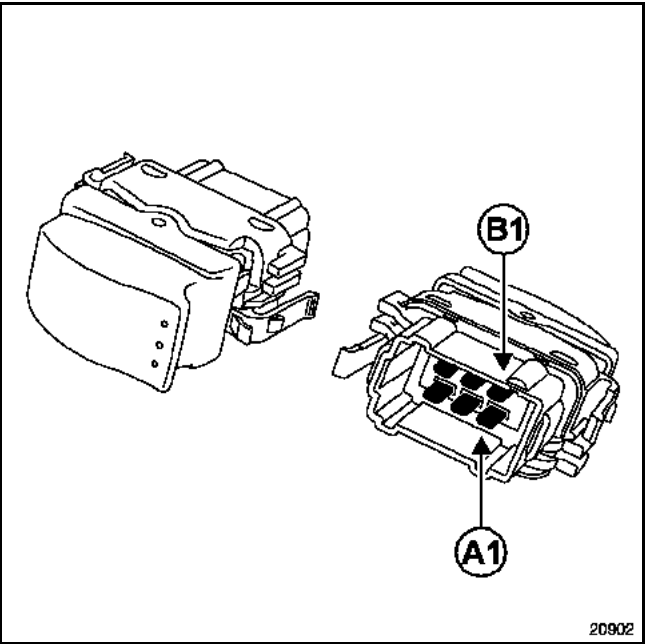
Driver's window control

	A1/B3	B2/A2	B2/B4	A1/B4
Rest position	0 Ω	0 Ω	α	α
Open position	0 Ω	α	0 Ω	α
Closed position	α	0 Ω	α	0 Ω

Passenger window control

	A5/B5	B6/A4	B6/B4	A5/B4
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed position	0 Ω	α	0 Ω	α

Passenger's side switch connection

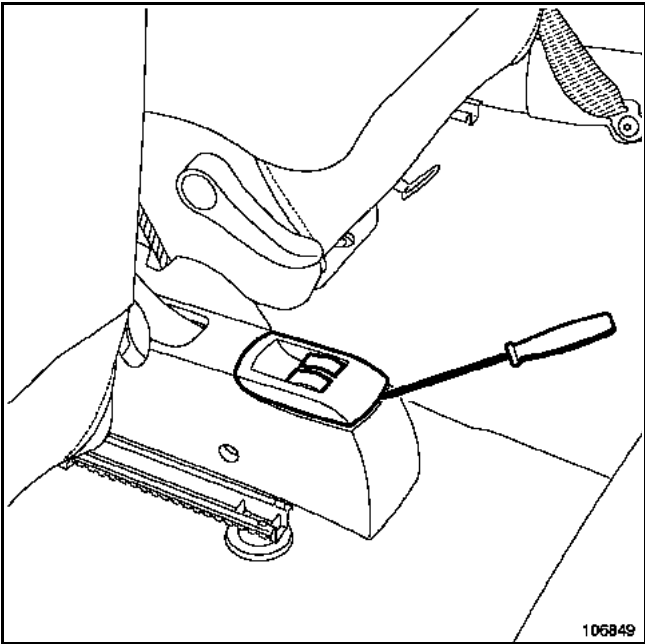


Track	Description
A1	+ after ignition feed
A2	Earth
A3	Lower window control
B1	Raise window control
B2	+ after ignition feed
B3	+ lighting feed

Passenger's side switches operation

	A3/A1	B1/B2	B1/A2	A3/A2
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed position	0 Ω	α	0 Ω	α

REMOVAL

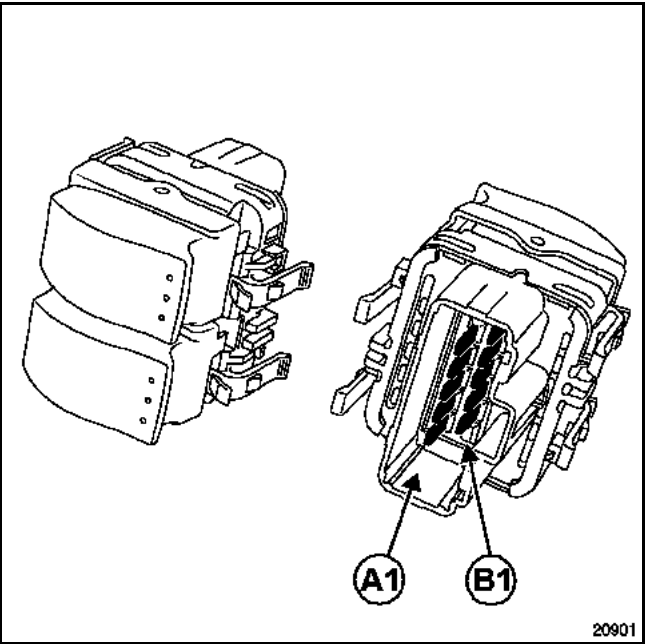


Unclip the switch support using a flat-head screwdriver.

Disconnect the connector.

Remove the window winder switch from the plate.

Switches connection



Track	Description
A1	Lower right window control
A2	+ after ignition feed
A3	+ lighting feed
A4	+ after ignition feed
A5	Lower left window control
A6	Not used
B1	Not used
B2	Raise right window control
B3	+ after ignition feed
B4	Earth
B5	+ after ignition feed
B6	Raise left window control

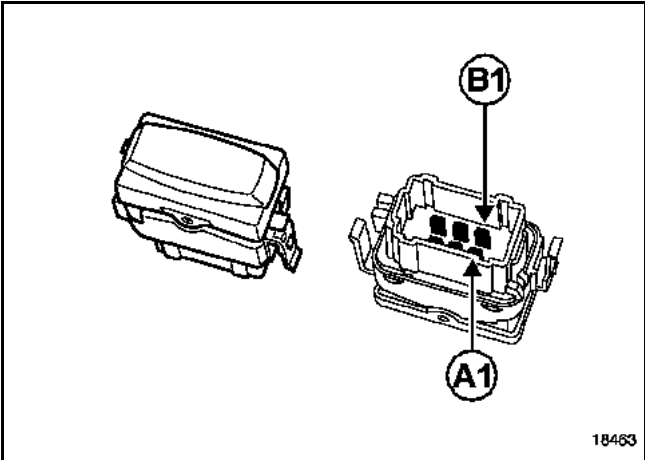
Rear left window control

	A5/B5	B6/A4	B6/B4	A5/B4
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed position	0 Ω	α	0 Ω	α

Rear right window control

	A1/B3	B2/A2	B2/B4	A1/B4
Rest position	0 Ω	0 Ω	α	α
Open position	α	0 Ω	α	0 Ω
Closed position	0 Ω	α	0 Ω	α

This switch, located on the driver's control, is used to disable the rear windows from opening.



Note:
This switch controls a **40A** relay (yellow) located near the UCH support under the driver's side dashboard.

Track	Description
A1	Not used
A2	Not used
A3	Not used
B1	Locking relay control
B2	Earth
B3	+ lighting feed