



TWINGO

Type

Sub-section

C06

X

81

81 ELECTRIC WINDOWS - DOOR LOCKING

● Other sub-section concerned

84**88**

● Engine: XXX

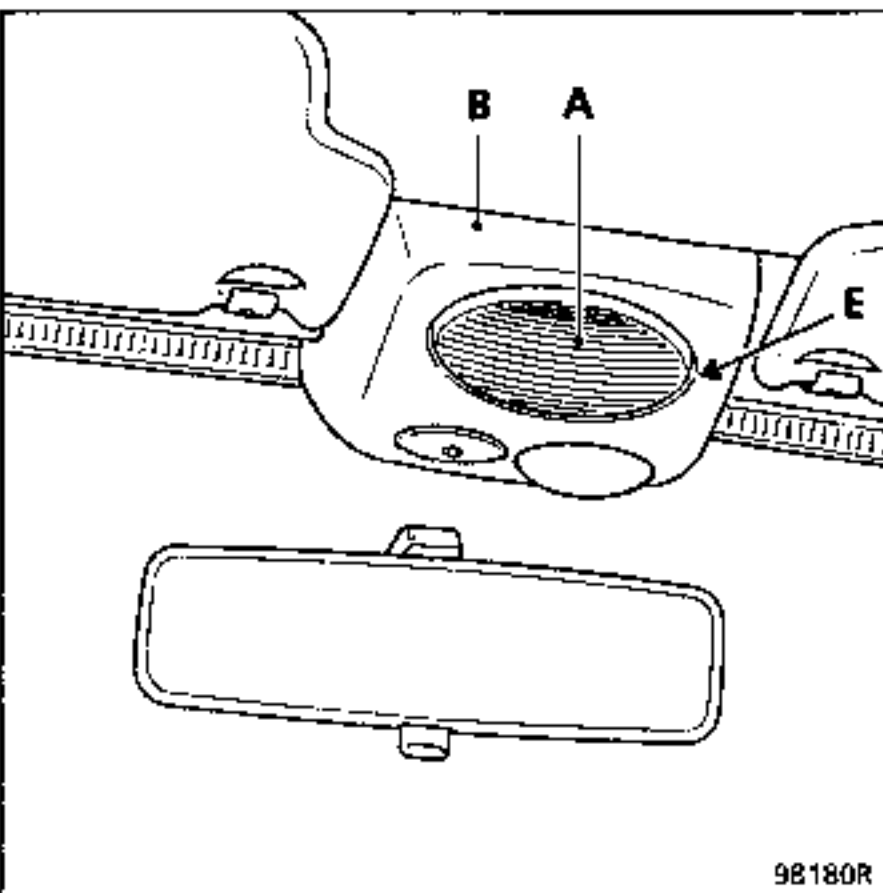
Basic manual: MR 305

● Gearbox: XXX

This note covers developments concerned with the introduction of two new items of equipment:

- Electric windows and rear view mirrors.
- Central door locking using the infra-red remote control (PLIP).

CENTRAL COURTESY LIGHT (A)



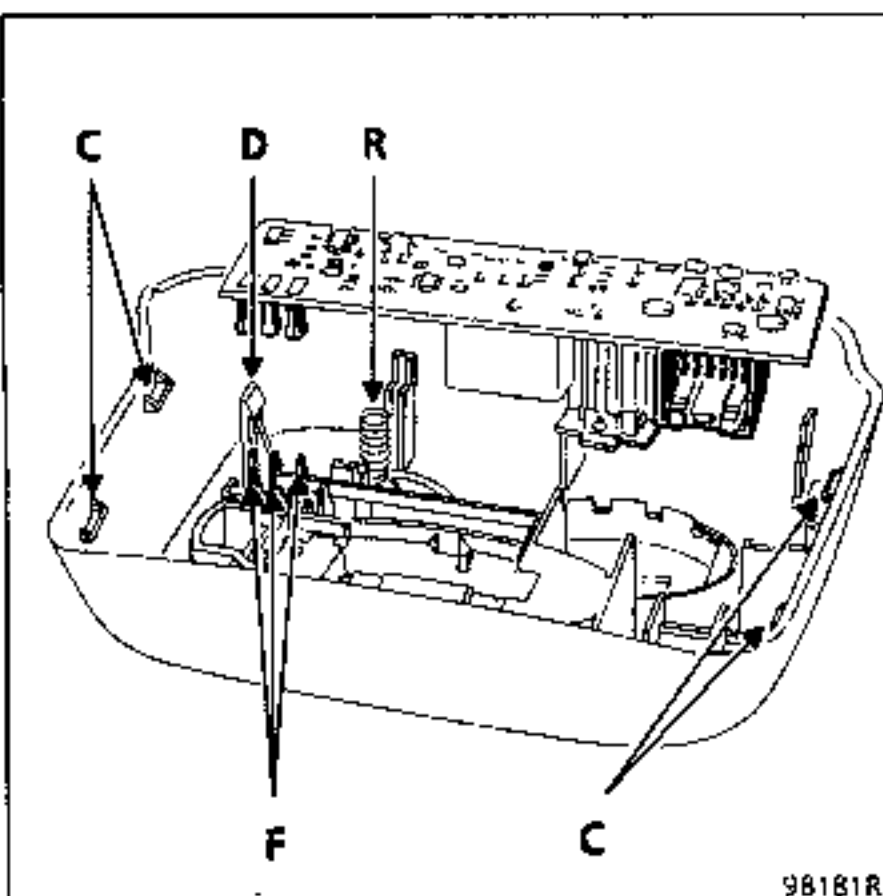
Removal

Unclip the lens by sliding a small screwdriver under the lug at (E).

ROOF CONSOLE (B)

Removal

Press on the front and back of the console at the same time to release the 4 retaining clips (C), then release the console by pulling it down.



Unclip the printed circuit board from its mounting by moving tab (D).

Disconnect the 12 track connector.

Special notes for refitting

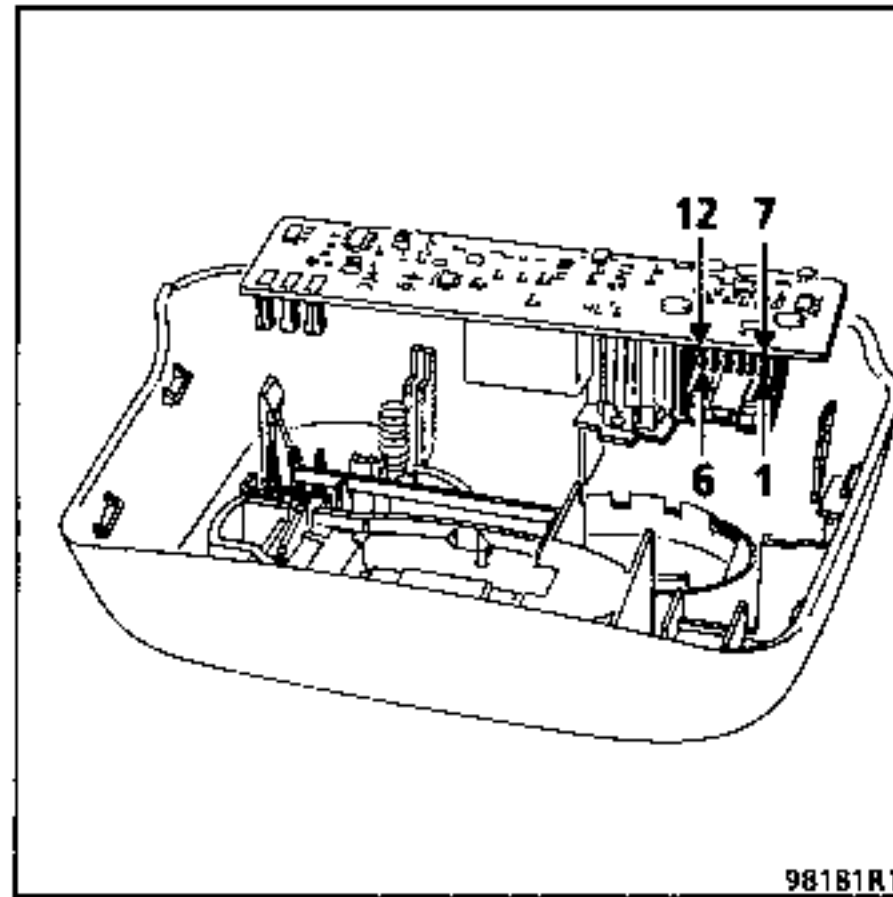
Before clipping the printed circuit board back into position, ensure that the following are correctly repositioned:

- the spring (R) on its mounting,
- the 3 connectors (F) in their respective contacts on the circuit board.

Operating notes

The printed circuit board in the roof console controls:

- Locking / unlocking of the opening elements (doors, tailgate),
- Timed illumination of the courtesy light:
 - when one of the doors is opened (without the presence of + after ignition),
 - after the infra-red remote control (PLIP) has been used to unlock the doors.The light is illuminated for approximately 15 seconds. Each time the PLIP is activated (lock, unlock) or each time the door is opened manually, the timed period is re-initialised .
- Extinction of the courtesy light when + after ignition feed becomes present, with all the doors closed, even if a timed illumination period has not yet expired.



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











CONNECTIONS FOR THE 12 TRACK CONNECTOR

Track	Allocation
1	Not used
2	Not used
3	+ after ignition
4	Not used
5	Interior lighting via door switches
6	Earth
7	Courtesy light feed (+ before ignition)
8	PLIP unlock information
9	Not used
10	PLIP lock information
11	Not used
12	Receiver feed (+ before ignition)

Note : If the console of a vehicle originally fitted with a side courtesy light (1st generation) is to be replaced, while conserving the original electrical wiring, the courtesy light must be replaced and the wiring extended using the extension provided in the kit.


























FUSE BOX (passenger compartment side)

This fuse box is located in the passenger compartment under the dashboard on the driver's side. To reach the fuses, open the flap in the steering column cover.

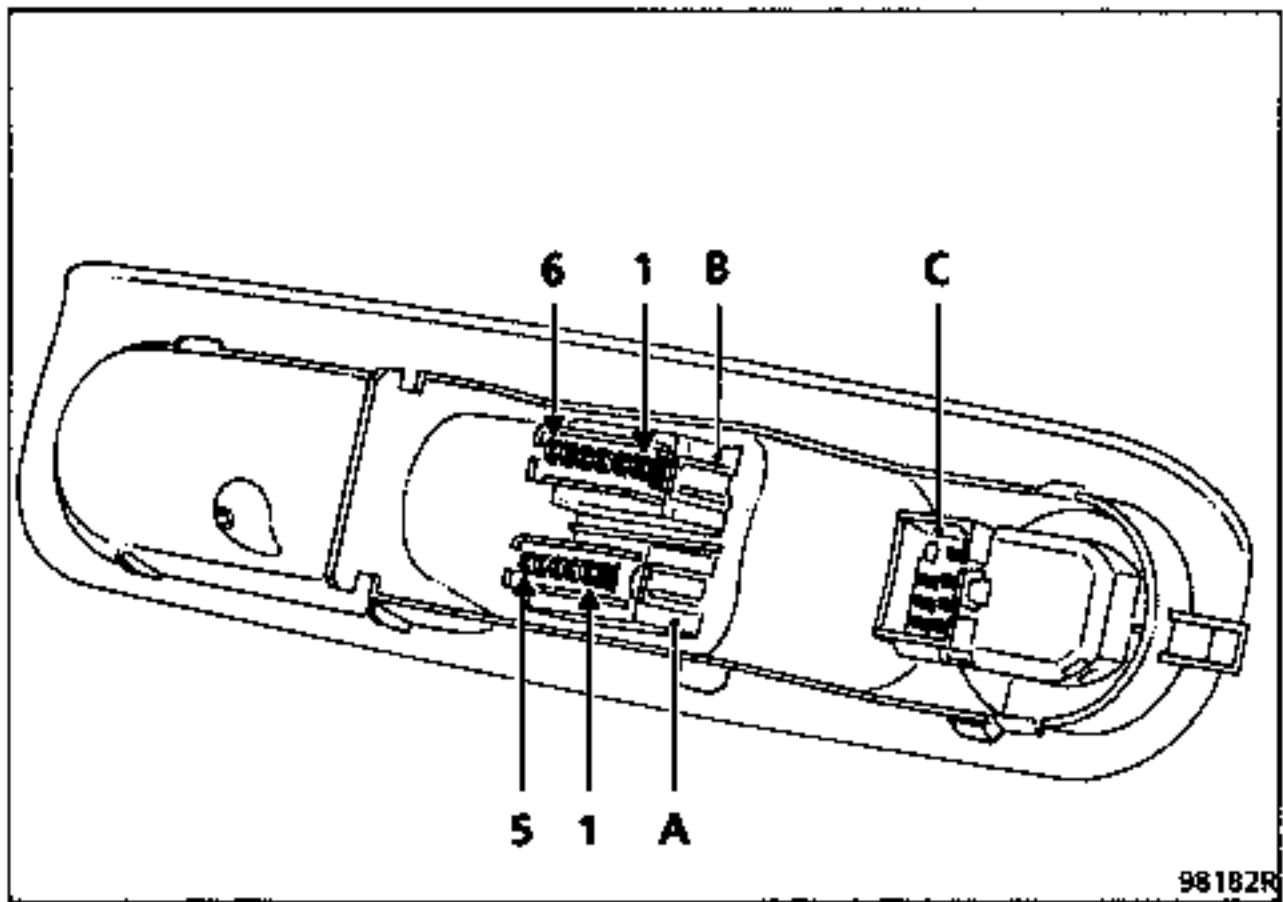
												
10 A	10 A	10 A		20 A	10 A	10 A	15 A	15 A	15 A	15 A	10 A	10 A
				INJECT					STOP			
20 A	10 A	20 A	10 A	20 A	15 A	15 A	15 A	20 A	15 A	2 A	10 A	
												
				30 A								

95919-2S

Fuse allocation (depending on equipment level and country)

Symbol	Rating	Description	Symbol	Rating	Description
	10	Interior lighting		20	Heating
	10	Windscreen wiper park		10	Radio
	10	Horn		20	Engine cooling
	20	Central door locking		10	Seat belt pretensioners
	10	Left hand side light/ lighting for switches and heating controls		20	Injection
	10	Right hand side light		15	Windscreen washers
	15	Left hand dipped headlight		15	Cigar lighter/reversing lights
	15	Right hand dipped headlight		15	Rear screen wiper
	15	Left hand main beam headlight		20	Rear screen de-icer
	15	Right hand main beam headlight		15	Stop lights / flasher unit
	10	Rear fog light		2	Automatic clutch
	10	Direction indicators/ hazard warning lights		10	A.B.S.
				30	Electric windows

Elbow rest switch pad



Removing the switches

after removing the bolt in the inner door handle, take out the armrest control panel.

Remove the protective cover from the wiring and disconnect the switches.

Press on the tabs at the side of the switch to be removed to release it.

DRIVER'S ELECTRIC WINDOW CONTROL (A)

Connection

Track	Allocation
1	Motor
2	Earth
3	+ after ignition
4	+ lighting
5	Motor

PASSENGER'S ELECTRIC WINDOW CONTROL (B)

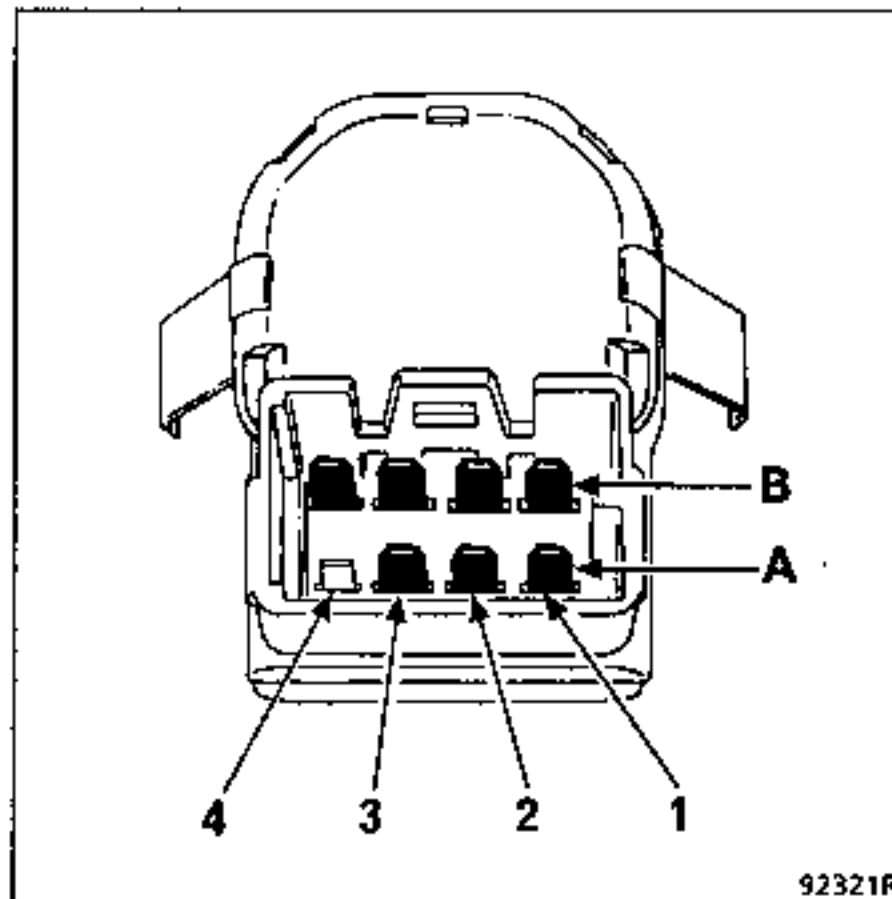
Connections on driver's door side

Track	Allocation
1	+ lighting
2	+ or - motor
3	+ after ignition
4	Earth
5	+ after ignition
6	+ or - motor

Connections on passenger side

Track	Allocation
1	+ lighting
2	Motor feed
3	+ or - motor
4	Earth
5	+ or - motor
6	Motor feed

REAR VIEW MIRROR CONTROL (C)



Connections

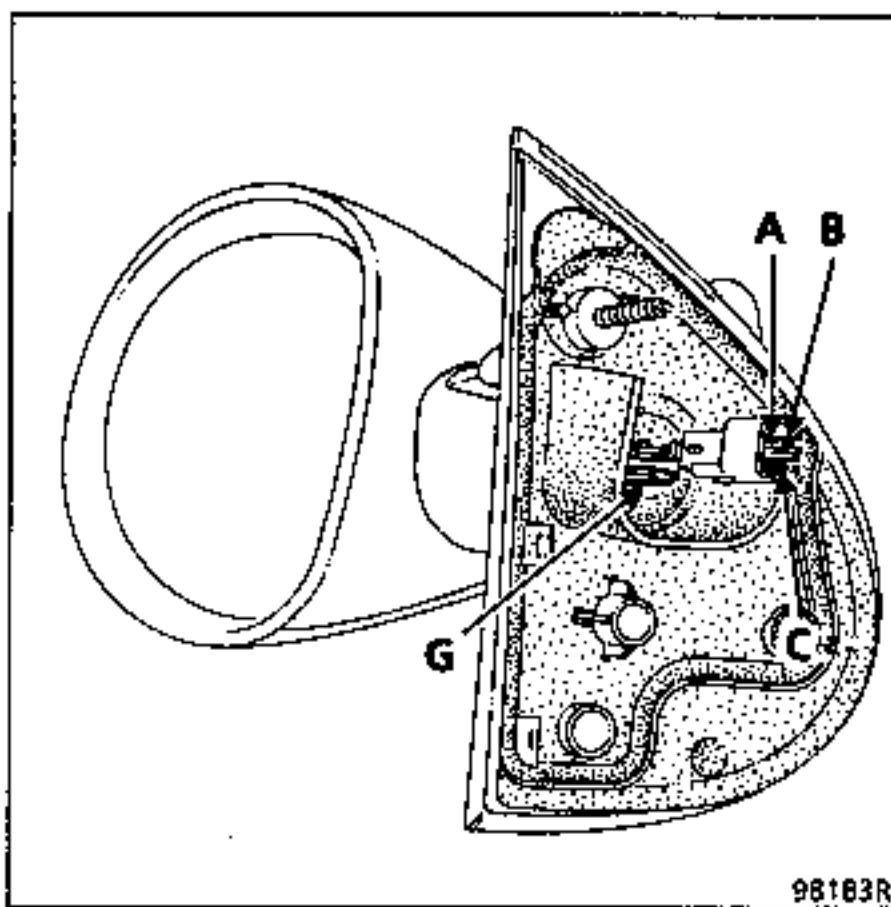
Track	Allocation
A1	Driver's mirror left/right adjustment
A2	Earth
A3	Driver's mirror up/down adjustment
B1	Passenger's mirror left/right adjustment
B2	Passenger's mirror up/down adjustment
B3	+ battery
B4	Rear view mirror motors common

WIRING

Exterior rear view mirrors

88

Electric rear view mirrors



Connection

Track	Allocation
A	Rear view mirror motors common
B	Left/right mirror adjustment
C	Up/down mirror adjustment

Note : After reconnecting the connector, ensure the pin of the connector is correctly positioned on its slide (G).

The rear view mirror does not need to be removed to reach the connector.

Remove

- the inner rear view mirror trim,
- the foam protection,
- disconnect the connector.

DESCRIPTION

The infra-red emitter (PLIP) is integral in the vehicle key.

It may be replaced as a single part, without replacing the key, by ordering it using the part number shown on the label inside.

INFRA-RED RECEIVER

This is located in the roof console.

It receives the infra-red code from the emitter which allows the printed circuit board, on which it is located, to control:

- locking / unlocking of the opening elements (doors, tailgate),
- timed illumination of the courtesy light after the infra-red remote control (PLIP) has been used to unlock the doors.
The light is illuminated for approximately 15 seconds. Each time the PLIP is activated (lock, unlock) the timed period is re-initialised.

The infra-red receiver is matched to the emitter. They cannot be replaced separately.

Important : The infra-red emitter (PLIP) does not operate if + after ignition feed is present.

Removal

See "Removing the roof console" page 81-2.

Connection

See "Connections for the 12 track connector" page 81-3.