

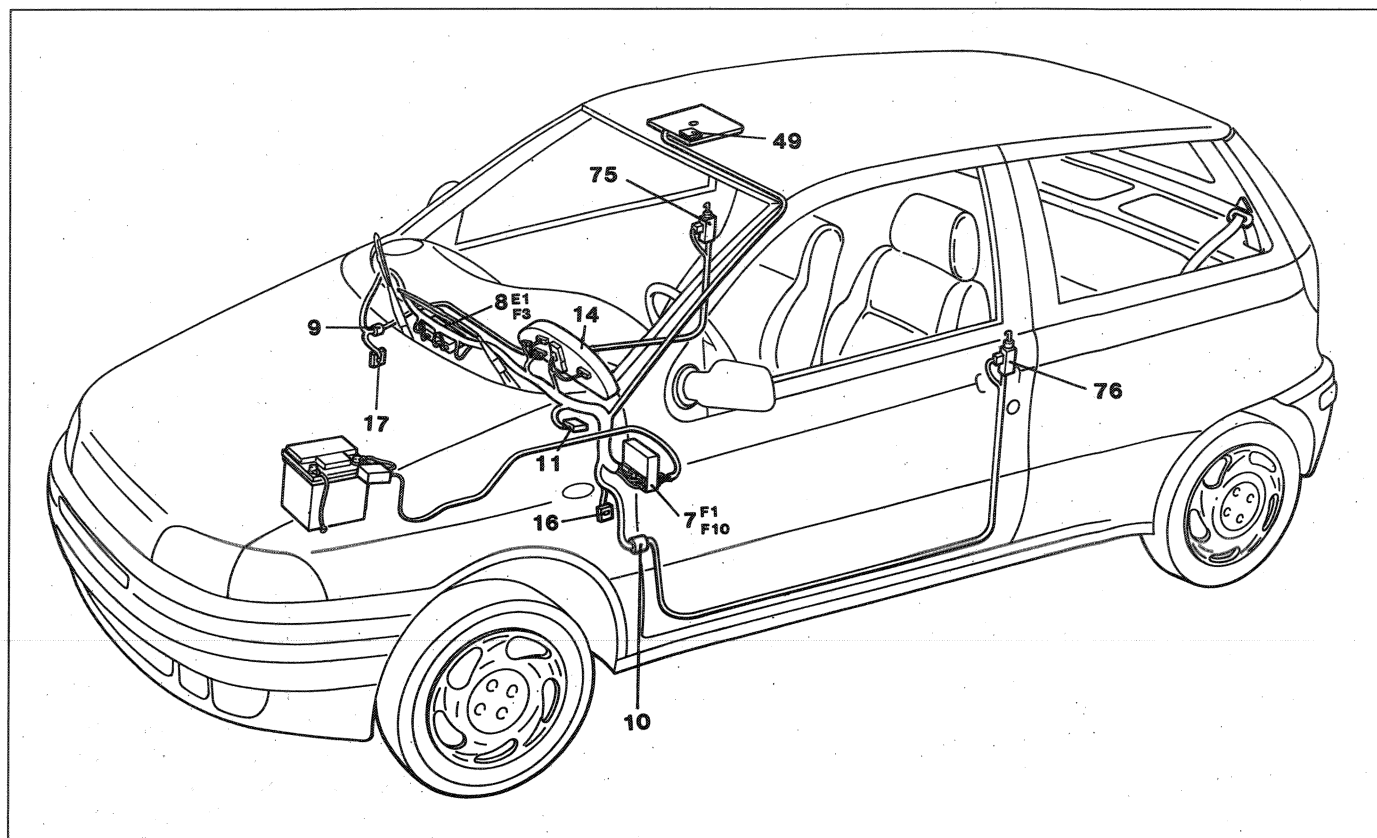
# PUNTO eMANUAL

Electrical Equipment

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### 55.

#### LOCATION OF CENTRAL DOOR LOCKING COMPONENTS AND CABLE HARNESS (3-DOOR VERSION)



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- |                                      |  |
|--------------------------------------|--|
| 7 Junction unit:                     | 16 Left dashboard earth                      |
| F1 Circuit protection fuse           | 17 Right dashboard earth                     |
| F10 Circuit protection fuse          | 49 Central door lock remote control receiver |
| 8 Optional devices control unit:     | 51 Rear left earth                           |
| F3 Circuit protection fuse           | 75 Front right door locking motor            |
| E1 Central door locking control unit | 76 Front left door locking motor             |
| 9 Connections                        |  |
| 10 Connections                       |  |
| 11 Connections                       |  |

### Central door locking system (3 door version)

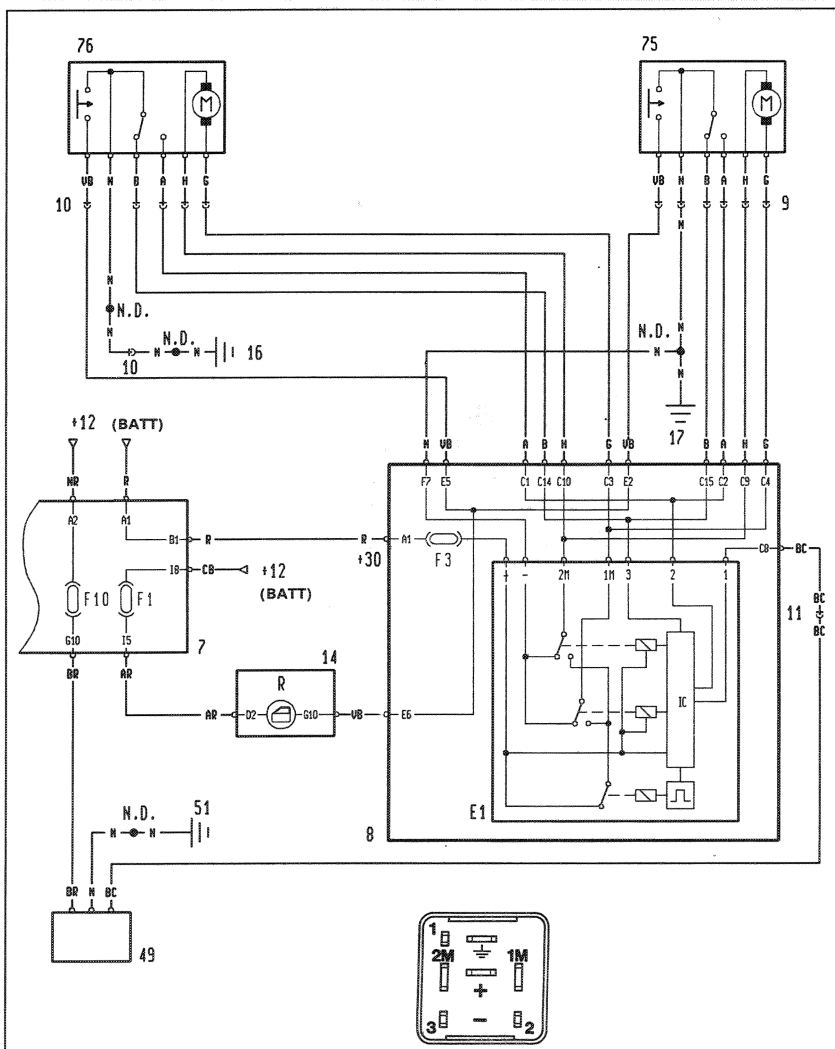
The system comprises two motors (75-76) incorporated in the two door locks. The system is controlled by an electronic control unit (E1) installed in the optional devices control unit (8). When one of the front door locks (75-76) is locked, the electronic control unit (E1) simultaneously locks all the locks. When one of the doors is unlocked, both doors are unlocked.

**NOTE** The electronic control unit (E1) has a safety electronic circuit which cuts off the supply to the motors 15 - 35 s after a lock or unlock instruction has been issued. This is to prevent the motors continuing to be supplied, which would lead to their burning out, if the control relays jam. When the integrated circuit detects several consecutive actions, at least 4 - 10 in the time interval of 150 - 250 ms, the system intervenes, activating the action limiter. This remains disabled in the unlock position for a period of 90 - 150 s.

### Doors open warning light

The instrument panel (14) comprises a warning light R which indicates that one or several doors are not shut properly.

### Wiring diagram of central door locking system

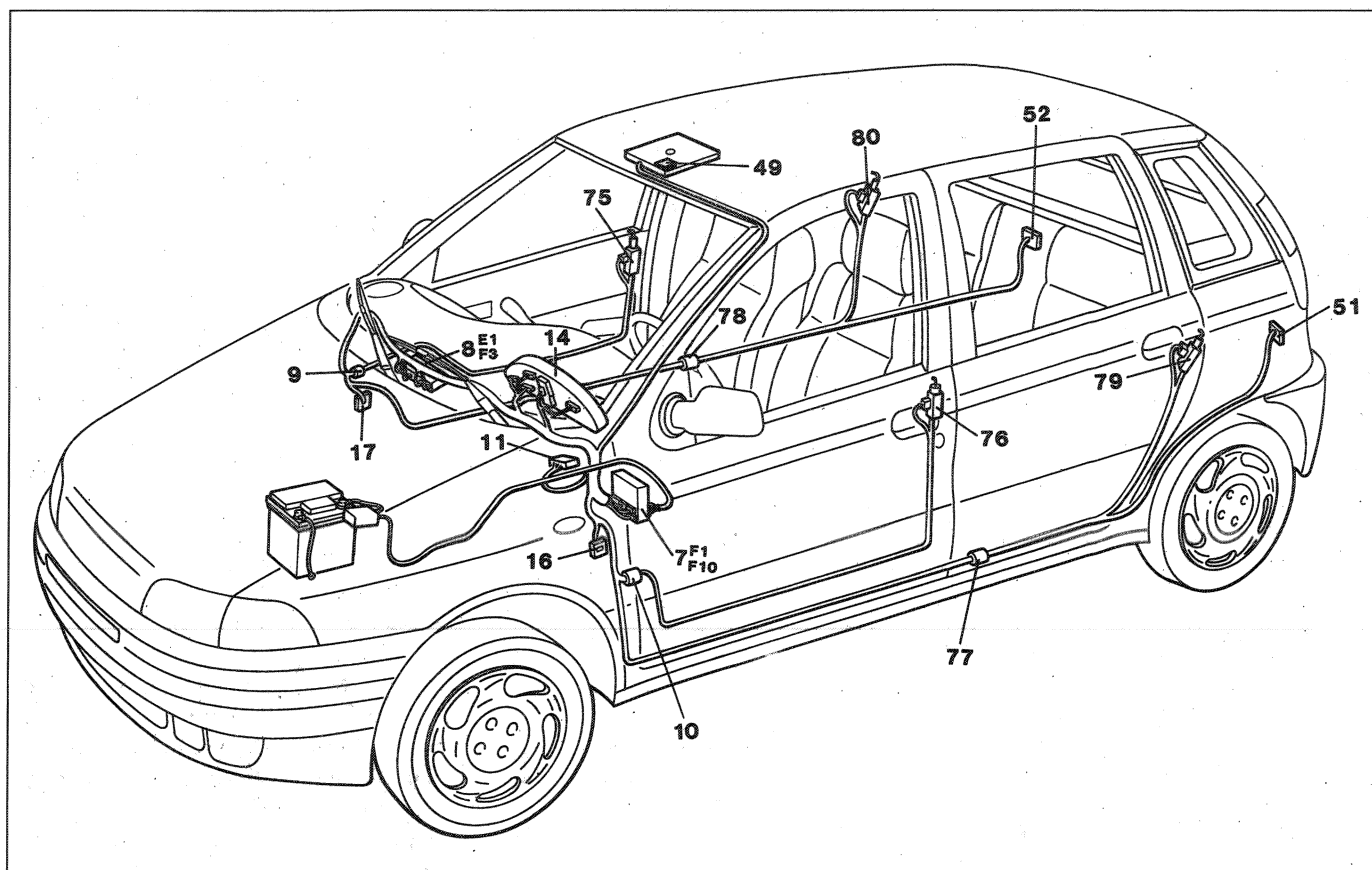


- 7 Junction unit:
- F1 Circuit protection fuse
- F10 Circuit protection fuse
- 8 Optional devices control unit:
- F3 Circuit protection fuse
- E1 Central door locking control unit
- 9 Connections between dashboard cables and front passenger door cables
- 10 Connections between dashboard cables and driver's door cables
- 11 Connections between dashboard cables and rear cables
- 16 Left dashboard earth
- 17 Right dashboard earth
- 49 Central door locking system remote control receiver
- 51 Rear left earth
- 75 Front right central door locking motor
- 76 Front left central door locking motor
- N.D. Connector blocks

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### 55.

#### LOCATION OF CENTRAL DOOR LOCKING COMPONENTS AND CABLE HARNESS (5-DOOR VERSION)



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- |   |  |
|---|--|
| 7 Junction unit:                        | 49 Central door lock remote control receiver |
| F1 Circuit protection fuse              | 51 Rear left earth                           |
| F10 Circuit protection fuse             | 52 Rear right earth                          |
| 8 Optional devices control unit:        | 75 Front right door locking motor            |
| F3 Circuit protection fuse              | 76 Front left door locking motor             |
| E1 Central door locking control unit    | 77 Rear left door rear coupling              |
| 9 Front passenger side dashboard cables | 78 Rear right door rear coupling             |
| 10 Connections                          | 79 Rear left door locking motor              |
| 11 Connections                          | 80 Rear right door locking motor             |
| 14 Instrument panel:                    |  |
| R Doors open warning light              |  |
| 16 Left dashboard earth                 |  |
| 17 Right dashboard earth                |  |

### Central door locking system (5-door version)

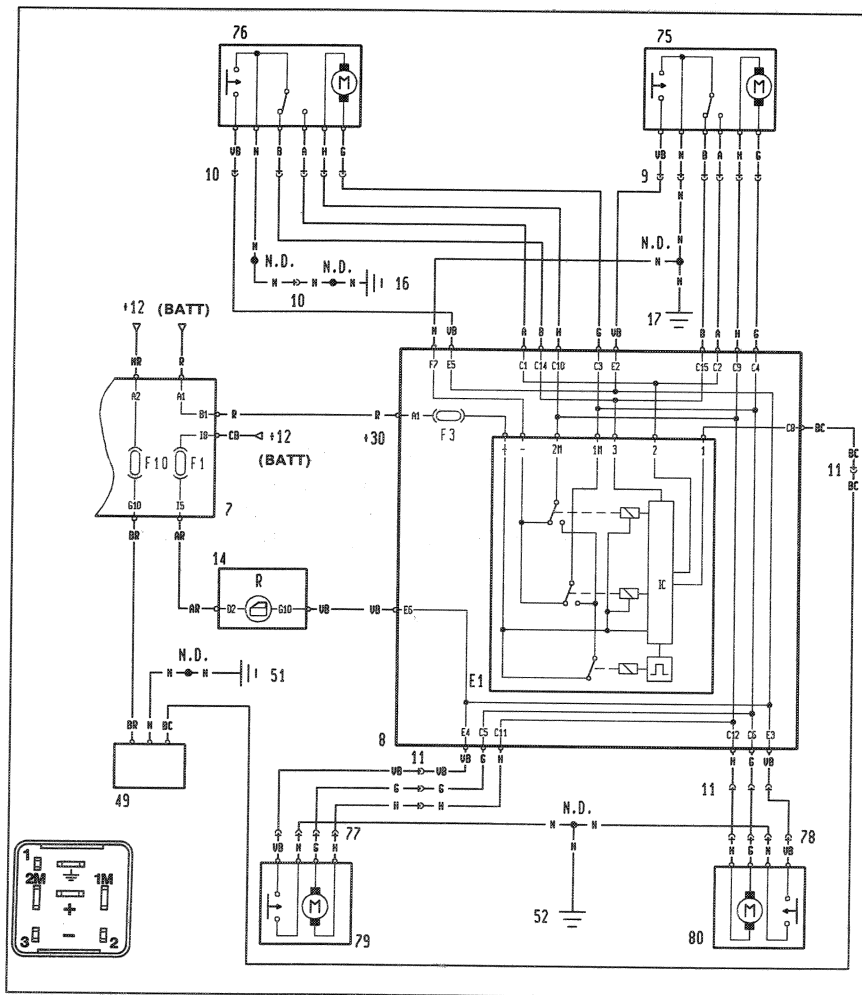
The system comprises four motors (75-76-79-80) incorporated in the two door locks. The system is controlled by an electronic control unit (E1) installed in the optional devices control unit (8). When one of the front door locks (75-76) is locked, the electronic control unit (E1) simultaneously locks all the locks. When one of the doors is unlocked, all four doors are unlocked.

**NOTE** The electronic control unit (E1) has an electronic safety circuit which cuts off the supply to the motors 15 - 35 s after a lock or unlock instruction has been issued. This is to prevent the motors continuing to be supplied, which would lead to their burning out, if the control relays jam. When the integrated circuit detects several consecutive actions, at least 4 - 10 in the time interval of 150 - 250 ms, the system intervenes, activating the action limiter. This remains disabled in the unlock position for a period of 90 - 150 s.

### Doors open warning light

The instrument panel (14) comprises a warning light R which indicates that one or several doors are not shut properly.

### Wiring diagram of central door locking system



- 7 Junction unit:
- F1 Circuit protection fuse
- F10 Circuit protection fuse
- 8 Optional devices control unit:
- F3 Circuit protection fuse
- E1 Central door locking control unit
- 9 Connections between dashboard cables and front passenger door cables
- 10 Connections between dashboard cables and driver's door cables
- 11 Connections between dashboard cables and rear cables
- 14 Instrument panel:
- R Doors open warning light
- 16 Left dashboard earth
- 17 Right dashboard earth
- 49 Central door locking system remote control receiver
- 51 Rear left earth
- 52 Rear right earth
- 75 Front right central door locking motor
- 76 Front left central door locking motor
- 77 Rear left door rear coupling
- 78 Rear right door rear coupling
- 79 Rear left central door locking motor
- 80 Rear right central door locking motor
- N.D. Connector blocks