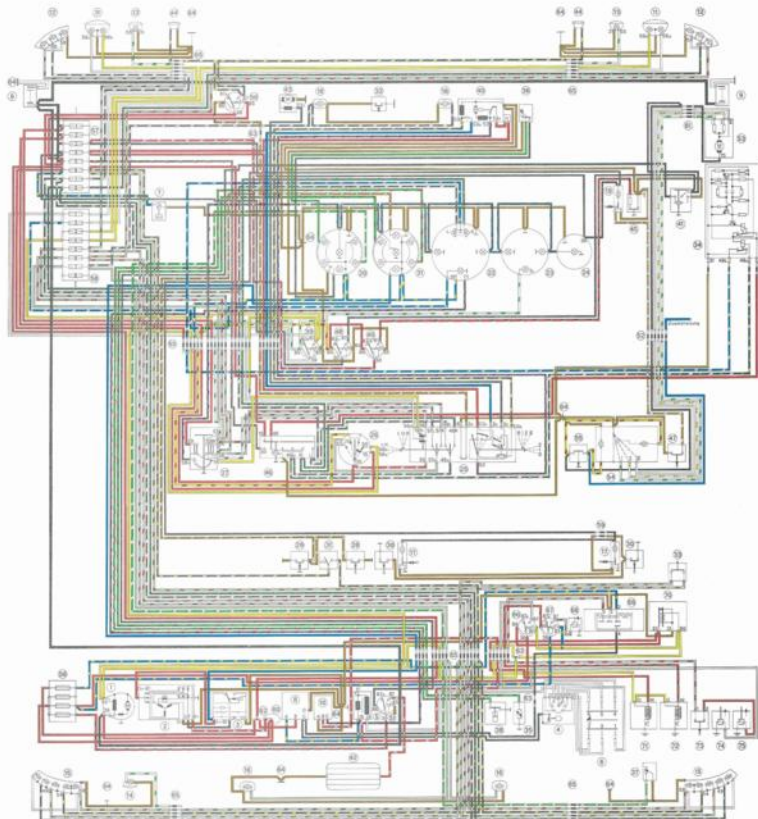




# Wiring Diagram Type 911 E, 911 S

- 1 Starter
- 2 Generator
- 3 Regulator
- 4 Distributor
- 5 Ignition coil
- 6 Spark plugs
- 7 Fuel pump
- 8 CDS detector
- 9 Battery
- 10 Switching SCR
- 11 Headlamps
- 12 Blinker, parking and side marker lights (side marker USA only)
- 13 Fog lamps (special order)
- 14 Fog tail lamp (special order)
- 15 Tail, stop, blinker, backup and side marker lights (side marker USA only)
- 16 License plate lights
- 17 Interior light
- 18 Luggage compartment light
- 19 Glove compartment light
- 20 Small instrument cluster
- 21 Large instrument cluster
- 22 Transistorized tachometer
- 23 Speedometer
- 24 Electric clock
- 25 Blinker, dim, headlamp flasher, wiper, washer switch with horn button in steering wheel
- 26 Ignition/starter switch in steering column lock
- 27 Light switch
- 28 Brake failure warning switch (USA only)
- 29 Handbrake control lamp
- 30 Door contact switch
- 31 Stoplight switch
- 32 Luggage compartment light switch
- 33 Backup light switch
- 34 Blinker flasher
- 35 Oil temperature sender
- 36 Fuel gauge sender
- 37 Oil level sender
- 38 Discharge oil pressure sender
- 39 Handbrake heater relay switch
- 40 Wiper motor
- 41 Rear window heating circuit
- 42 Washer pump
- 43 Signal horn
- 44 Signal horn relay
- 45 Cigarette lighter
- 46 Emergency blinkers
- 47 Glove compartment light switch
- 48 Blower/heater relay switch
- 49 Cigarette lighter relay
- 50 Multiple-pole connector
- 51 Rear window heating relay switch
- 52 Blower motor
- 53 Blower and heater switch
- 54 Gasoline heater switch (special order)
- 55 Rear fuse box
- 56 Fuse box I
- 57 Fuse box II
- 58 Two-pole connector
- 59 Terminal bar
- 60 Multiple-pole connector
- 61 WECO-connector
- 62 Single-pole connector
- 63 Ground taps
- 64 Terminal connectors
- 65 Starting relay switch
- 66 Auxiliary starting relay switch (standard)
- 67 Starting solenoid
- 68 RPM transducer
- 69 Time limit switch
- 70 Temperature switch (start)
- 71 Temperature switch (start assist)
- 72 Temperature switch (stop)
- 73 Shut-off solenoid (start)
- 74 Shut-off solenoid (stop)

## Fuses:

### Fuse box I

- 1 (Electric window regulator)
- 2 (Electric window regulator)
- 3 Cigarette lighter, electric clock
- 4 Windshield wipers and washer
- 5 Hazard warning light
- 6 Stop light, blinkers backup lights
- 7 Blinker, LH
- 8 Blinker, RH

### Fuse box II

- 1 High beam, LH
- 2 High beam, RH
- 3 Low beam, LH
- 4 Low beam, RH
- 5 Parking light, LH
- 6 Parking light, RH
- 7 License plate light, trunk light
- 8 (Sunroof)

### Rear fuse box

- 1 (Shut-off solenoid (start))
- 2 (Rear window wipers)
- 3 Shut-off solenoid (stop)
- 4 Rear window heating circuit

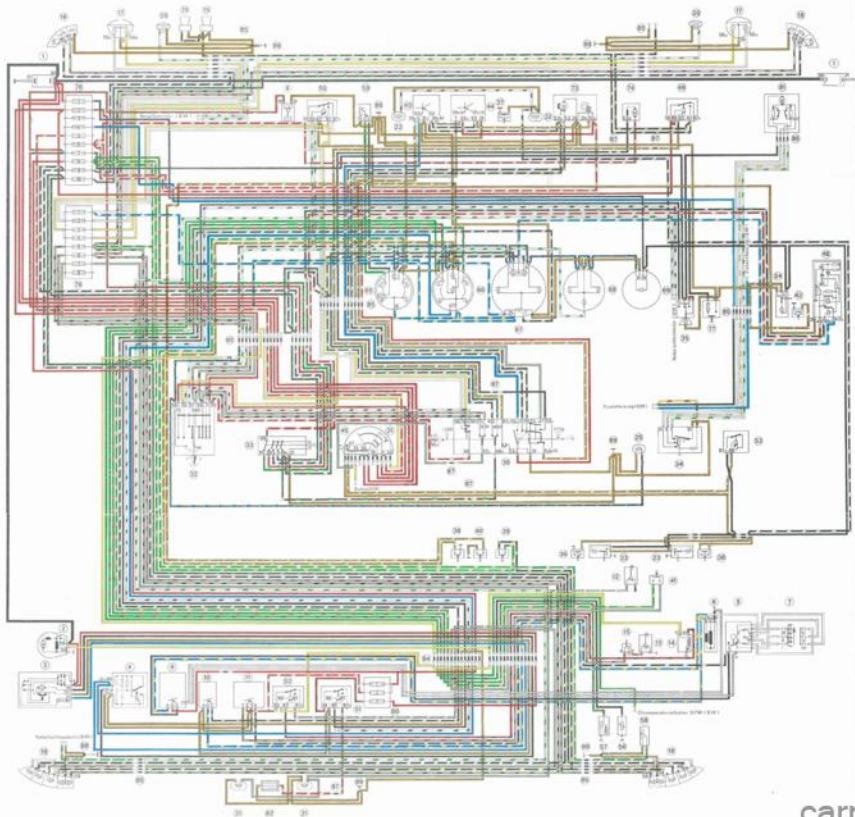
### Earth leads or cables:

- Battery-body
- Transmission-chassis
- Supporting plate-body
- Fuel spout-body
- Steering column control switch-body
- Instruments-body

### ATTENTION!

Disconnecting of battery with running engine results in immediate destruction of alternator.

# Electric Wiring Diagram Type 911 T, 911 E, 911 S



- 1 Battery
- 2 Starter
- 3 Alternator
- 4 Governor
- 5 Ignition distributor
- 6 Ignition transformer
- 7 Spark plugs
- 8 Gasoline pump
- 9 BHKZ unit
- 10 Intermediate unit
- 11 Speed switch (only E and S)
- 12 Electromagnetic control valve
- 13 Lifting magnet (stop only E and S; on 911 T USA solenoid valve)
- 14 Temperature time switch
- 15 Microswitch (E and S only)
- 16 Headlamps
- 17 Blinker, clearance and side marker lamps (side marker lamps USA only)
- 18 Tail, brake, blinker, side marker and backup lamps (side marker lamps USA only)
- 19 Fog lamp (optional)
- 20 License plate lamp
- 21 Trunk lamp
- 22 Interior lamp
- 23 Glovebox lamp
- 24 Ashtray lamp
- 25 Blinker, dimming, headlamp flasher, wiper-washer switch with signal button in steering wheel
- 26 Steering ignition starter switch
- 27 Light switch
- 28 Warning light switch (not applicable in Italy)
- 29 Fan and separate heater switch
- 30 Rear window heater switch
- 36 Door contact switch
- 37 Switch for trunk room light
- 38 Hand brake contact
- 39 Brake light switch
- 40 Brake warning switch (USA only)
- 41 Backup light switch
- 42 Switch for glovebox light
- 43 Interval switch
- 44 Wiper follow-up switch
- 45 Buzzer contact (USA only)
- 46 Direction warning blinker indicator
- 48 Horn relay
- 49 Headlight flasher (chargeover relay)
- 51 Rear window heater relay
- 52 Auxiliary starting relay
- 53 Buzzer (USA only)
- 54 Oil temperature indicator
- 57 Oil pressure indicator
- 58 Oil level indicator
- 59 Indicator for fuel gauge
- 65 Small combustion instrument
- 66 Large combustion instrument
- 67 Transistor revolution counter
- 68 Speedometer
- 69 Electric time clock
- 70 Wiper motor
- 71 Washer pump
- 72 Fan relay
- 77 Cigarette lighter
- 78 Fuse box I 10-pole
- 79 Fuse box II 6-pole
- 80 Fuse box III 5-pole
- 81 Fan motor
- 82 Heated pane
- 84 Plug connection 14-pole
- 85 Plug connection 6-pole
- 86 Plug connection 4-pole
- 87 Plug connection 1-pole
- 88 Ground connection - body

## FUSES I

- 1 Interior light, time clock, trunk light
- 2 Warning light
- 3 Window dimmer
- 4 Cigarette lighter
- 5 (Slide roof)
- 6 Windshield wiper, washer pump
- 7 Fresh air fan
- 8 Brake, blinker, backup lights
- 9 Blinker light front left
- 10 Blinker light front right

## Fusebox II

- 1 High beam left
- 2 High beam right
- 3 Dimmer left
- 4 Dimmer right
- 5 Clearance light left
- 6 Clearance light right
- 7 License plate light
- 8 (Fog lights)

## Fusebox III

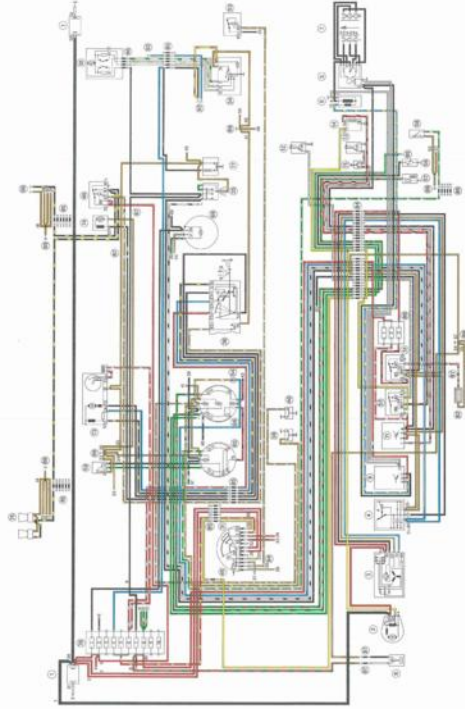
- 1 (Sportomatic)
- 2 Stop magnet, solenoid valve, starting valve
- 3 Rear window heater

## CAUTION!

Disconnection of battery with the engine running will result in immediate destruction of alternator



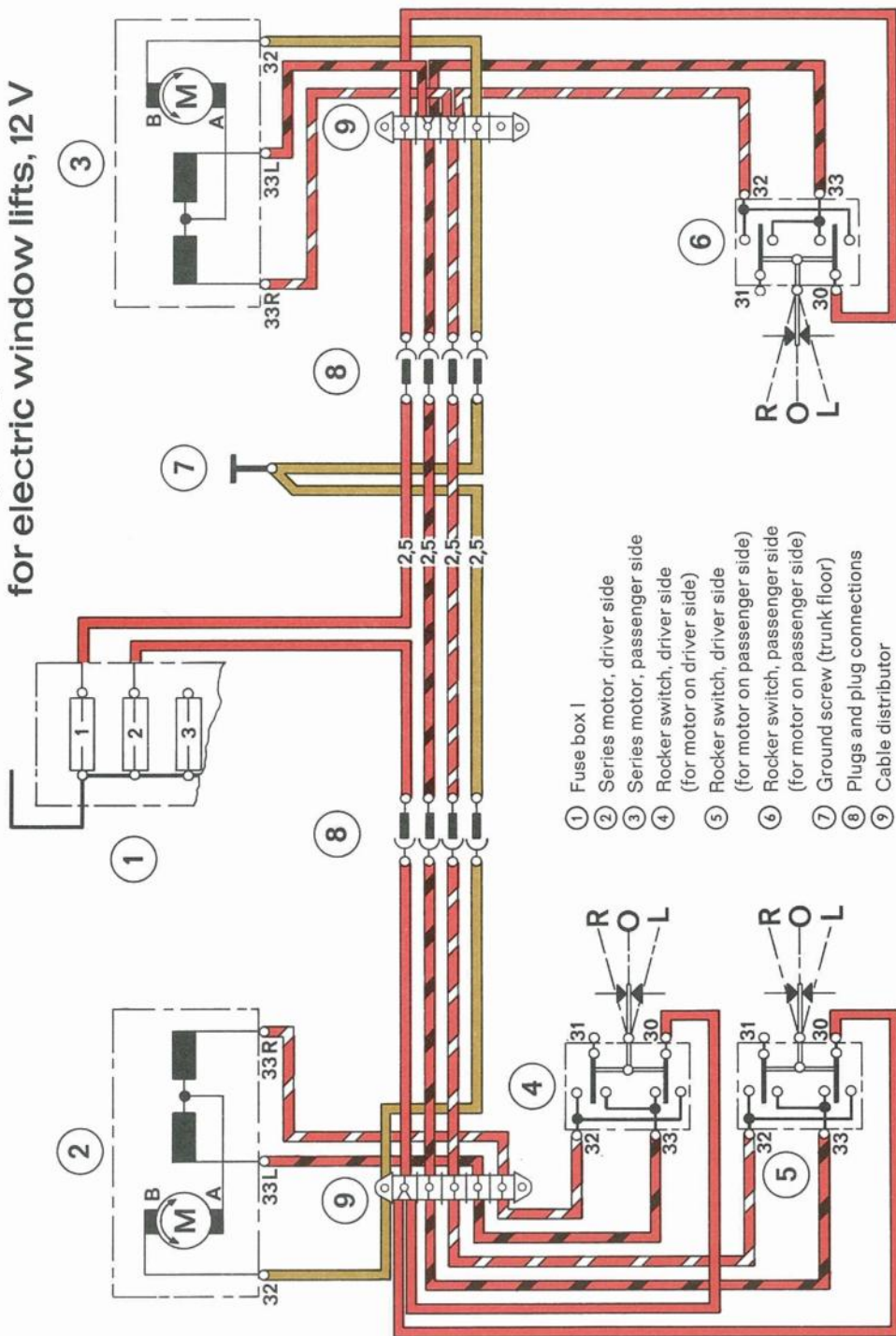
# Electric wiring diagram (Part II) Type 911 T, 911 E, 911 S, Model 71



SL 39

- |                                                        |                |                                           |
|--------------------------------------------------------|----------------|-------------------------------------------|
| 1 Battery                                              | 71 Water motor | <b>FUSES:</b>                             |
| 2 Starter                                              | 72 Water pump  | 1 Interior light, time clock, trunk light |
| 3 Alternator                                           | 73 Fuel pump   | 2 Warning light                           |
| 4 Governor                                             | 74 Fuel pump   | 3 (Windows filter)                        |
| 5 Ignition distributor                                 | 75 Fuel pump   | 4 (Windows filter)                        |
| 6 Ignition transformer                                 | 76 Fuel pump   | 5 (Windows filter)                        |
| 7 Ignition coil                                        | 77 Fuel pump   | 6 (Windows filter)                        |
| 8 Ignition coil                                        | 78 Fuel pump   | 7 Fresh air fan                           |
| 9 Ignition coil                                        | 79 Fuel pump   | 8 Fresh air fan                           |
| 10 Ignition coil                                       | 80 Fuel pump   | 9 Fresh air fan                           |
| 11 Speed switch                                        | 81 Fuel pump   | 10 Blower light front left                |
| 12 (E and S only; on 911 T, USA only)                  | 82 Fuel pump   | 11 Blower light front right               |
| 13 Lifting magnet (key)                                | 83 Fuel pump   | 12 (Distributor)                          |
| 14 Temperature time switch                             | 84 Fuel pump   | 13 Starting valve                         |
| 15 Microswitch (E, S and 911 T, USA only)              | 85 Fuel pump   | 14 Starting valve                         |
| 16 Microswitch (E, S and 911 T, USA only)              | 86 Fuel pump   | 15 Rear window heater                     |
| 17 Blower, dimmer, headlamp flasher, in steering wheel | 87 Fuel pump   |                                           |
| 18 Blower, dimmer, headlamp flasher, in steering wheel | 88 Fuel pump   |                                           |
| 19 Blower, dimmer, headlamp flasher, in steering wheel | 89 Fuel pump   |                                           |
| 20 Blower, dimmer, headlamp flasher, in steering wheel | 90 Fuel pump   |                                           |
| 21 Steering ignition starter switch                    | 91 Fuel pump   |                                           |
| 22 Fuel pump                                           | 92 Fuel pump   |                                           |
| 23 Fuel pump                                           | 93 Fuel pump   |                                           |
| 24 Fuel pump                                           | 94 Fuel pump   |                                           |
| 25 Fuel pump                                           | 95 Fuel pump   |                                           |
| 26 Fuel pump                                           | 96 Fuel pump   |                                           |
| 27 Fuel pump                                           | 97 Fuel pump   |                                           |
| 28 Fuel pump                                           | 98 Fuel pump   |                                           |
| 29 Fuel pump                                           | 99 Fuel pump   |                                           |
| 30 Fuel pump                                           | 100 Fuel pump  |                                           |

## Wiring diagram



## LOCATION OF RELAY SWITCHES IN VEHICLE

1. Console - engine compartment, left side (Fig. 1)
2. Luggage compartment floor - left side in direction of travel (Fig. 2)
3. Luggage compartment - forward left side in direction of travel (Fig. 3)

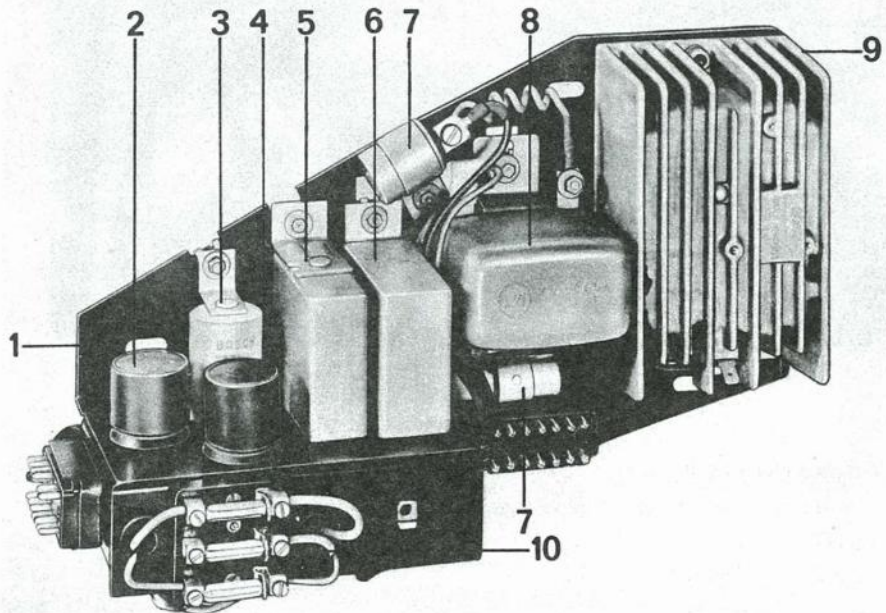


Fig. 1

- 1 Console
- 2 Relay switch for single-stage rear window defroster (not used with two-stage rear window defroster)
- 3 RPM sensor
- 4 Relay switch for start enrichment (not used in carburetor engines)
- 5 RPM transducer (not used in carburetor engines except 911 T USA-version)
- 6 Control relay for two-stage rear window defroster (not used with single-stage defroster)
- 7 Radio noise suppression
- 8 Regulator
- 9 Ignition trigger unit
- 10 Fuse box III

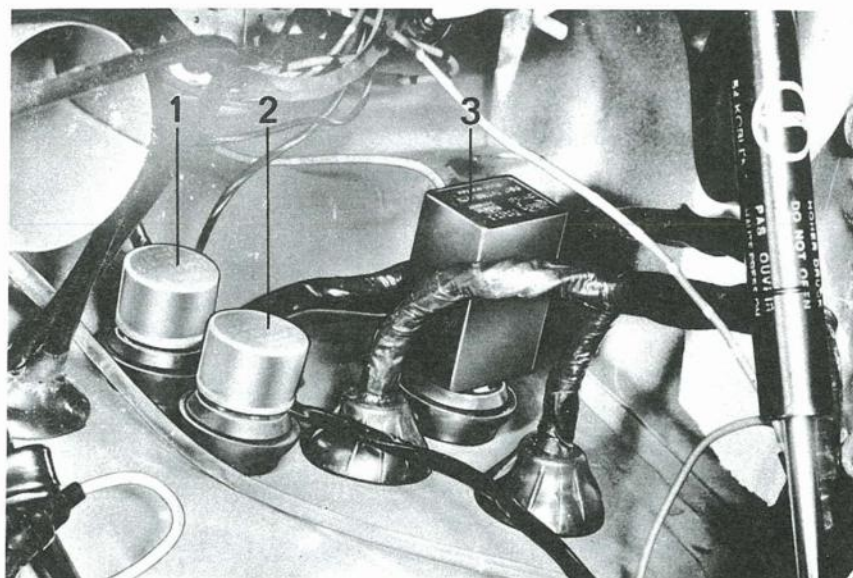
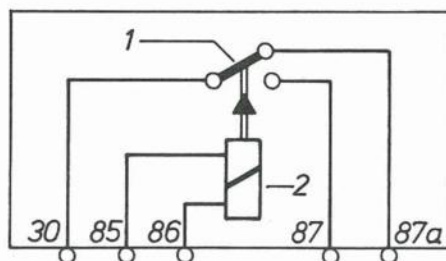


Fig. 2

- 1 Headlight dimmer switch relay
- 2 Windshield defogger relay (not valid for USA)
- 3 Turn signal relay

#### General

- 1 Switch contacts
- 2 Coil



The relay is an electrically controlled switch. When the coil windings are energized (terminal 85 and 86) the electromagnetic force actuates the switch contacts. This interrupts the circuit from terminal 30 to terminal 87a. The circuit from terminal 30 to 87 is then completed. In this way it is possible to use low current (control current) for switching a main power circuit.

Location of standard relay switches (depending on equipment options):

- ④ Air conditioner
- ③ Auxiliary driving lights
- ② Fog lights
- ① Horn

- 
- ③ Auxiliary driving lights/air conditioner
- ② Fog lights/auxiliary driving lights
- ① Horn

- 
- 
- ② Fog lights/auxiliary driving lights/air conditioner
- ① Horn

- 
- 
- 
- ① Horn

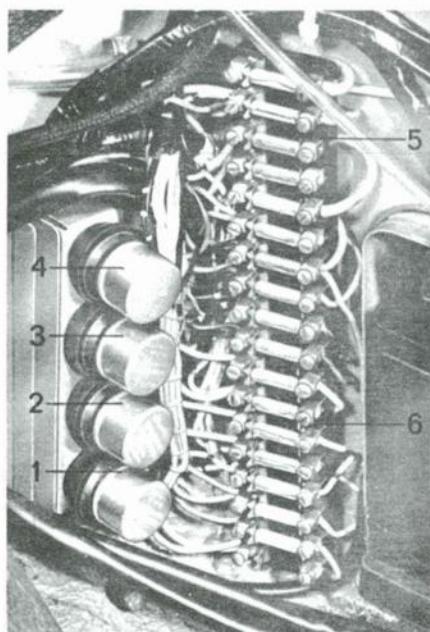


Fig. 3

- 1 - 4 Standard relay switches
- 5 Fuse box I
- 6 Fuse box II