

## VOLKSWAGEN (Cont.)

**1973 Type 3** — Fuse block is located under instrument panel to left of steering column and contains 12 fuses. Circuits protected are, from left to right:

**1973 MODELS**

- 1 — 8 Amp. Right Hand Tail Light, License Plate, Parking, Side Marker and Luggage Compartment Lights.
- 2 — 8 Amp. Left Hand Tail Light.
- 3 — 8 Amp. Left Hand Low Beam.
- 4 — 8 Amp. Right Hand Low Beam
- 5 — 8 Amp. Left Hand High Beam and Indicator.
- 6 — 8 Amp. Right Hand High Beam
- 7 — 8 Amp. Electric Fuel Pump.
- 8 — 8 Amp. Hazard Warning Flasher and Interior Light.
- 9 — 16 Amp. Key Warning Buzzer.
- 10 — 16 Amp. Windshield Wipers, Fresh Air Fan and Rear Window Defogger Switch.
- 11 — 8 Amp. Stop Lights, Turn Signals, Horn, Brake Warning Light and Back-Up Lights on vehicles with Auto. Trans.
- 12 — 8 Amp. Accessories.

**1973 Type 4** — Fuse block is located under left side of instrument panel and contains 12 fuses. Circuits protected are, from left to right:

**1973 MODELS**

- 1 — 8 Amp. Left Hand Tail & Rear Side Marker Lights and Parking Lights.
- 2 — 8 Amp. Right Hand Tail & Rear Side Marker Lights, License Plate Lights and Shift Quadrant Light (if equipped).
- 3 — 8 Amp. Left Hand Low Beam.
- 4 — 8 Amp. Right Hand Low Beam.
- 5 — 8 Amp. Left Hand Low Beam.
- 6 — 8 Amp. Right Hand Low Beam and Indicator.
- 7 — 8 Amp. Electric Fuel Pump.
- 8 — 8 Amp. Interior Light, Hazard Warning Flasher and Key Warning Buzzer.
- 9 — 16 Amp. Cigarette Lighter and Heater Switch.
- 10 — 16 Amp. Windshield Wipers, Fresh Air Fan, Heater Switch and Rear Window Defogger Switch.
- 11 — 8 Amp. Turn Signals, Indicator Lights, Gauges and Back-Up Lights on vehicles with Auto. Trans.
- 12 — 8 Amp. Horn, Brake Warning Light and Stop Lights.

**IN-LINE FUSES**

**1963-72 Models** — All in-line fuses are located in engine compartment. Fuses protect rear window defogger, back-up lights, heater, and automatic transmission kickdown.

**1973 Type 1** — Contains three in-line fuses. Fuse applications and locations are indicated:

- 1 — 8 Amp. Back-Up Lights. Fuse is located in engine compartment above the ignition coil.
- 2 — 8 Amp. Rear Window Defogger. Fuse is located under the rear seat on left hand side of vehicle.
- 3 — 16 Amp. Auxiliary Heater (Optional). Fuse is located in front luggage compartment near the heater.

**1973 Type 14** — Contains three in-line fuses. Fuse applications and locations are as follows:

- 1 & 2 — 8 Amp. Back-Up Lights and 8 Amp. Rear Window Defogger. Both fuses are located in engine compartment on a support near ignition coil.
- 3 — 16 Amp. Auxiliary Heater (Optional). Fuse is located behind the instrument panel near backside of main fuse block.

**1973 Type 2** — One 8 amp. in-line fuse is used to protect the back-up light circuit on models with manual transmission. Fuse block is located in engine compartment near ignition coil.

**1973 Type 3** — Contains four in-line fuses. Fuse applications and locations are indicated:

- 1 — 8 Amp. Back-Up Lights on vehicles with manual transmission. Fuse is located in engine compartment near ignition coil.
- 2 — 8 Amp. Kickdown on vehicles with automatic transmission. Fuse is located in engine compartment near ignition coil.
- 3 — 8 Amp. Rear Window Defogger. Fuse is located under rear seat on left hand side of vehicle.
- 4 — 16 Amp. Auxiliary Heater (optional). Fuse is located in front luggage compartment near the heater.

**1973 Type 4** — Contains four in-line fuses. The 8 amp. fuse for the back-up lights on models with manual transmission is located in engine compartment near the distributor. The other three in-line fuses are located under the rear seat on left side of vehicle (Station Wagon) or in engine compartment on left side below relays (all others). In-line fuse applications are indicated:

- 1 — 16 Amp. Heater Blower.
- 2 — 8 Amp. Heater Booster.
- 3 — 8 Amp. Rear Window Defogger.

## VOLVO

**FUSE BLOCK**

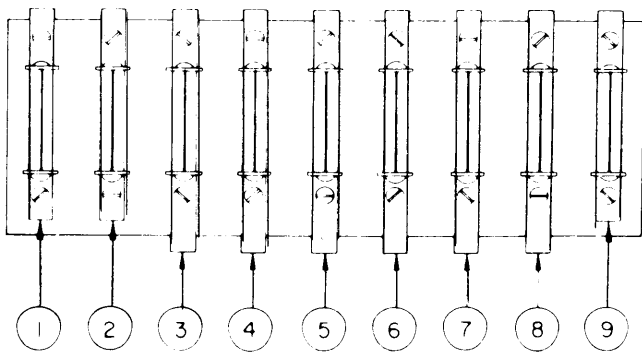
**1967-72 140 Models** — Main fuse block is located in lower center of instrument panel. Circuit identification is indicated:

**1967-70 MODELS**

- 1 — 8 Amp. Windshield Wiper and Washer.
- 2 — 5 Amp. Horn and Back-Up Lights.
- 3 — 8 Amp. Heater Motor.

- 4 — 5 Amp. Warning and Instrument Lights, and Directional Indicators.
- 5 — 5 Amp. Overdrive and Heated Rear Window.
- 6 — 5 Amp. Interior and Glove Compartment Lights, and Dimmer Relay.
- 7 — 5 Amp. Brake Lights.
- 8 — 5 Amp. Left Tail, Parking, Side Marker, Instrument Panel, and License Plate Lights.
- 9 — 5 Amp. Right Tail, Parking, and Side Marker Lights.

## VOLVO (Cont.)



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### 1967-72 VOLVO 140 FUSE BLOCK

**1969-72 164 Models** — Fuse block is located on a bracket attached to heater. Access is through opening in protection panel below instrument cluster. Fuses for fog lights are located in a fuse block in engine compartment on left inner fender.

#### 1969-72 MODELS

- 1 — Windshield Wiper and Washer.
- 2 — Horn and Back-Up Lights.
- 3 — Heater Motor and Control Relay for Heated Rear Window.
- 4 — Warning, Instrument Panel, and Flasher Lights.
- 5 — Heated Rear Window and Overdrive.
- 6 — Interior and Glove Compartment Lights, Dimmer Relay, Engine and Luggage Compartment Lights.
- 7 — Brake Lights, Clock, and Emergency Warning Flasher.
- 8 — License Plate, Left Tail, Instrument Panel, Parking and Side Marker Lights.
- 9 — Clock, Right Tail, Parking, and Side Marker Lights.

**1973 140 & 160 Models** — Fuse block is located under instrument panel on left side of vehicle and contains 12 fuses. Fuse applications are as indicated:

#### 1973 MODELS

- 1 — 8 Amp. Horns, Windshield Wiper and Washer Motors.
- 2 — 16 Amp. Heater Blower and Cigarette Lighter.
- 3 — 16 Amp. Overdrive (Optional) and Rear Window Defogger.
- 4 — 8 Amp. Back-Up Lights.
- 5 — 5 Amp. Hazard Warning Flasher System, Indicator Lights and Gauges.
- 6 — 8 Amp. Hazard Warning Flasher System.
- 7 — 5 Amp. Engine & Luggage Compartment Lights (160 models), Clock and Glove Compartment Light.
- 8 — 5 Amp. Interior Light and Stop Lights.
- 9 — 5 Amp. High Beam Indicator.
- 10 — 5 Amp. Instrument Lights and Shift Quadrant Lights (if equipped).
- 11 — 5 Amp. Left Hand Tail, Side Marker, License Plate and Parking Lights.

- 12 — 5 Amp. Right Hand Tail, Side Marker and Parking Lights.

**1973 P1800 ES Models** — Fuse block is located under instrument panel on left side of vehicle and contains 12 fuses. Fuse applications are as indicated:

#### 1973 MODELS

- 1 — 8 Amp. Rear Window Wiper & Washer Motors (Optional) and Heater Blower.
- 2 — 8 Amp. Windshield Wiper and Washer Motors.
- 3 — 8 Amp. Cigarette Lighter and Overdrive (Optional).
- 4 — 5 Amp. Hazard Warning Flasher System and Brake Failure Warning Light.
- 5 — 8 Amp. Fuel Pump, Rear Window Defogger Switch.
- 6 — 8 Amp. Horns and Back-Up Lights.
- 7 — 16 Amp. Spare.
- 8 — 16 Amp. Rear Window Defogger Relay.
- 9 — 8 Amp. Stop Lights and Hazard Warning Flasher System.
- 10 — 5 Amp. Headlight Relay, Luggage Compartment Light, Key Warning Buzzer, Map Light and Interior Light.
- 11 — 5 Amp. Instrument Lights, License Plate Lights, Left Hand Parking, Tail and Side Marker Lights.
- 12 — 5 Amp. Shift Quadrant Light (Optional), Right Hand Parking, Tail and Side Marker Lights.

#### RELAY CONTROLS

**1967-72 140 Models** — Fog light relay and fuel injection fuse block is located on a bracket above left inner fender. Fuse block and identification is listed front to rear:

#### 1967-72 MODELS

- 1 — Back-Up Light Relay (or start relay for vehicles with auto. trans.).
- 2 — Control Relay for Rear Window Defroster.
- 3 — Step Relay for Low and High Beam.
- 4 — Fog Lights.
- 5 — Fog Lights and Fuel Injection.

**1969-72 164 Models** — One fuse block and five control relays are mounted on left inner fender panel. One other relay for the electric heated rear window is located under instrument panel to right of heater. Purpose of relay is to cut out current to rear window when ignition is off. Fuse block and relays are listed as indicated, front to rear.

- 1 — Fog Lights and Electric Fuel Pump.
- 2 — Horn Relay.
- 3 — Step Relay, Low-High Beam Switch.
- 4 — Main Relay.
- 5 — Back-Up Lights (Auto. Trans.).
- 6 — Fog Light Relay.