

# Fuses & Circuit Breakers

## TOYOTA (Cont.)

### FUSE BLOCK (Cont.)

**Land Cruiser** — Fuse block is mounted under dash to left of steering column (Station Wagon Models) or on left hand kick panel (All exc. Station Wagon Models). Fuse block contains 8 fuses. Circuits protected are, from end of block labeled "TOP":

- 1 — 15 Amp. Instrument, Parking, Side Marker, Tail and License Plate Lights.
- 2 — 20 Amp. Stop Lights, Horn and Hazard Warning System.
- 3 — 20 Amp. Cigarette Lighter, Interior Lights and Inspection Light Socket.

### FUSE BLOCK

**Spitfire** — Fuse block is mounted on left hand side of firewall in engine compartment, adjacent to clutch master cylinder. Block contains three 35 Amp. fuses. Circuits protected are as follows:

- 1 — Fuse fed by white wire protects Windshield Wipers, Fuel and Temperature Indicator, Stop, Reverse and Turn Signal Lights, Seat Belt Warning System.
- 2 — Fuse fed by red-green wire protects Parking, Side Marker, Tail, Instrument Panel, and License Plate Lights.
- 3 — Fuse fed by brown wire protects Dimmer Switch, Key Warning Buzzer, Courtesy Light, Horn, Hazard Warning System.

### FUSE BLOCK

**Type 1 (Beetle)** — Fuse block is located under instrument panel in approximately the center of vehicle. Fuse block contains 12 fuses. Circuits protected are, from left to right:

- 1 — 8 Amp. License Plate and Right Tail Light.
- 2 — 8 Amp. Parking, Side Marker, and Left Tail Lights.
- 3 — 8 Amp. Left Headlight Low Beam.
- 4 — 8 Amp. Right Headlight Low Beam.
- 5 — 8 Amp. Left Headlight High Beam.
- 6 — 8 Amp. Right Headlight High Beam, High Beam Indicator.
- 7 — 8 Amp. Accessories.
- 8 — 8 Amp. Emergency Flasher System.
- 9 — 16 Amp. Seat Belt Interlock System, Interior Light.
- 10 — 16 Amp. Windshield Wipers, Rear Window Defogger.
- 11 — 8 Amp. Safety Belt Interlock System, Horn, Stop Lights, Control Valve (Automatic Stick Shift).
- 12 — 8 Amp. Gauges, Warning Lights, Turn Signals, Control Illumination.

**Type 1 (Super Beetle)** — Fuse block is located under instrument panel in approximately center of vehicle. Fuse block contains 12 fuses. Circuits protected are, from left to right:

- 1 — 8 Amp. Parking, Side Marker and Left Tail Lights.
- 2 — 8 Amp. License Plate, Right Tail Light.
- 3 — 8 Amp. Left Headlight Low Beam.
- 4 — 8 Amp. Right Headlight Low Beam.
- 5 — 8 Amp. Left Headlight High Beam, High Beam Indicator.
- 6 — 8 Amp. Right Headlight High Beam.
- 7 — 8 Amp. Accessories.

- 4 — 20 Amp. Radio, Windshield Wiper and Washer Motors.
- 5 — 20 Amp. Back-Up Lights, Heater and Gauges.
- 6 — 15 Amp. Voltage Regulator, Turn Signals and Emission Control System.
- 7 — 15 Amp. Ignition Coil.
- 8 — 20 Amp. Headlights.

### FUSIBLE LINKS

**All Models** — A fusible link is located in main battery feed wire near the battery. Protects all circuits except for starter motor.

## TRIUMPH

**TR6** — Fuse block is located on left side of engine compartment. Block contains four 35 Amp. fuses, the top one being a spare. Circuits protected are as follows:

- 1 — Fuse fed by white wire protects Stop and Back-Up Lights, Windshield Wipers/Washer, Gauges, Heater, Turn Signal System, Seat Belt Warning System.
- 2 — Fuse fed by brown wire protects Horn, Dimmer Switch, Glove Compartment, Key Warning Buzzer, Interior Light, Hazard Warning System, Transmission Tunnel Light, Luggage Compartment Light.
- 3 — Fuse fed by red-green wire protects Parking, Side Marker, Tail, License Plate, and Instrument Panel Lights.

**TR7** — Fuse block is located behind cover at back of parcel tray on passenger's side. Block contains four 35 amp. fuses.

## VOLKSWAGEN

- 8 — 8 Amp. Emergency Flasher System, Safety Belt Interlock System.
- 9 — 16 Amp. Interior Light.
- 10 — 16 Amp. Windshield Wipers, Rear Window Defogger, Fresh Air Fan.
- 11 — 8 Amp. Safety Belt Interlock System, Horn, Stop Lights, Control Valve (Automatic Stick Shift).
- 12 — 8 Amp. Gauges, Warning Lights, Turn Signals, Control Illumination.

**Type 2 (Transporter)** — Fuse block is located under instrument panel on right side of steering column. Fuse block contains 12 fuses. Two additional in-line fuses are used as follows: An 8 Amp. fuse, located in engine compartment near ignition coil on manual transmission models, protects the Back-Up Lights. A 16 Amp. fuse, located in engine compartment near blower motor protects the Warm Air Blower. Fuses in block protect the following circuits, left to right:

- 1 — 8 Amp. Left Tail Light, Left Rear Side Marker Light.
- 2 — 8 Amp. Parking Lights, Right Rear Side Marker Lights, License Plate Lights, Right Front Side Marker Lights.
- 3 — 8 Amp. Left Headlight Low Beam.
- 4 — 8 Amp. Right Headlight Low Beam.
- 5 — 8 Amp. Left Headlight High Beam, High Beam Indicator.
- 6 — 8 Amp. Right Headlight High Beam.
- 7 — 8 Amp. Accessories.
- 8 — 8 Amp. Hazard Warning Flasher, Interior Lights.
- 9 — 16 Amp. Warning Buzzer.
- 10 — 16 Amp. Windshield Wipers, Rear Window Defogger.
- 11 — 8 Amp. Horn, Stop Lights, Brake Warning Light.
- 12 — 8 Amp. Turn Signals, Indicator Lights, Fuel Gauge, Kickdown Switch and Back-Up Lights (Auto. Trans. Only).

## VOLKSWAGEN (Cont.)

### FUSE BLOCK (Cont.)

**Rabbit & Scirocco** — Fuse block is located under instrument panel and left side of vehicle and contains 15 fuses arranged horizontally. All fuses are 8 Amp. capacity. Circuits protected are, from left to right:

- 1 — 8 Amp. Left Headlight Low Beam.
- 2 — 8 Amp. Right Headlight Low Beam.
- 3 — 8 Amp. Left Headlight High Beam and Indicator.
- 4 — 8 Amp. Right Headlight High Beam.
- 5 — 8 Amp. Rear Window Defogger.
- 6 — 8 Amp. Stop Lights, Hazard Warning Flasher.
- 7 — 8 Amp. Interior Lights, Cigarette Lighter.
- 8 — 8 Amp. Turn Signal System.
- 9 — 8 Amp. Back-Up Lights, Horn.
- 10 — 8 Amp. Rear Window Defogger.
- 11 — 8 Amp. Heater, Windshield Wipers, Voltmeter, Glove Box Light.
- 12 — 8 Amp. Luggage Compartment and License Light.
- 13 — 8 Amp. Right Parking, Tail and Side Marker Lights.
- 14 — 8 Amp. Left Parking, Tail and Side Marker Lights.
- 15 — 8 Amp. Spare.

**Type 32/33 (Dasher)** — Fuse block is located in engine compartment on left inner fender panel. Block contains 17 fuses. Circuits protected are, from left to right:

- 1 — 8 Amp. Left Headlight Low Beam.
- 2 — 8 Amp. Right Headlight Low Beam.
- 3 — 8 Amp. Left Headlight High Beam.
- 4 — 8 Amp. Right Headlight High Beam, High Beam Indicator.
- 5 — 16 Amp. Back-Up Lights, Heater Fan, Radiator Fan, Turn Signals, Rear Window Defogger, Gauges, Warning Lights.
- 6 — 8 Amp. Horn, Brake Warning Light.
- 7 — 8 Amp. Turn Signals and Emergency Flashers.
- 8 — 16 Amp. Rear Window Defogger.
- 9 — 16 Amp. Windshield Wipers, Cigar Lighter.
- 10 — 8 Amp. Stop and Interior Lights, Clock, Safety Belt Warning System.
- 11 — 8 Amp. Windshield Wipers.
- 12 — 8 Amp. Windshield Wipers/Washer.
- 13 — 8 Amp. Right Tail and Right Side Parking Lights.
- 14 — 8 Amp. Left Tail and Left Side Parking Lights.
- 15 — 8 Amp. License Plate Light, Instrument Panel Control Knob Illumination, Glove Compartment Light.
- 16 — 25 Amp. Air Conditioner (Optional).
- 17 — 16 Amp. Accessories.

## VOLVO

### FUSE BLOCK

**240 Series & 164** — Fuse block is located in front of front, left door pillar. Circuits protected are, from top to bottom:

- 1 — Rear Window Wiper/Washer (245 Models), Cigarette Lighter.
- 2 — 16 Amp. Wiper Washer, Horn, Heater Blower.
- 3 — 16 Amp. Heated Rear Window Defroster, Overdrive.
- 4 — 8 Amp. A/C (164 Models), Seat Heater, Back-Up Lights, Seat Belt Indicator.
- 5 — 5 Amp. Turn Signals, Gauges, Warning Lights, Glove Box Light (240 Series), Power Windows (164 Models).
- 6 — 8 Amp. Hazard Warning System, Starter, Engine Compartment Light, Trunk Light (164 Models).
- 7 — 8 Amp. Fuel Pump, Rear Interior Light (240 Series), Clock, Glove Box Light (164 Models).
- 8 — 5 Amp. Stop Lights, Interior Light.
- 9 — 5 Amp. Ignition Interlock System, Seat Belt Warning Buzzer.
- 10 — 5 Amp. Instrument Lights (240 Series) or Power Window Motor (164 Models).
- 11 — 5 Amp. Left Tail, Side Marker and License Lights.
- 12 — 5 Amp. Right Tail, Side Marker and License Lights, Instrument Lights (164 Models).