

FUSES & CIRCUIT BREAKERS

Article Text

1989 Volkswagen Golf
For Volkswagen Technical Site
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Monday, August 23, 1999 11:53PM

ARTICLE BEGINNING

Fuses & Circuit Breakers
1987-96 Volkswagen ELECTRICAL

FUSES & CIRCUIT BREAKERS

* PLEASE READ FIRST *

The fuse panel is located under the left side of the dash board by the driver's knee on the Cabriolet, Fox, Jetta, Rabbit and Pickup. On the Golf and GTI models the panel is located by the driver's right knee, under the dash panel.

NOTE: On all models, fuse specifications are listed on inside of panel cover.

WARNING: Always disconnect battery ground cable before servicing "high-current fuses. It is recommended that "high-current" fuses be replaced by a qualified technician.

ALL BUT JETTA (1990-92)

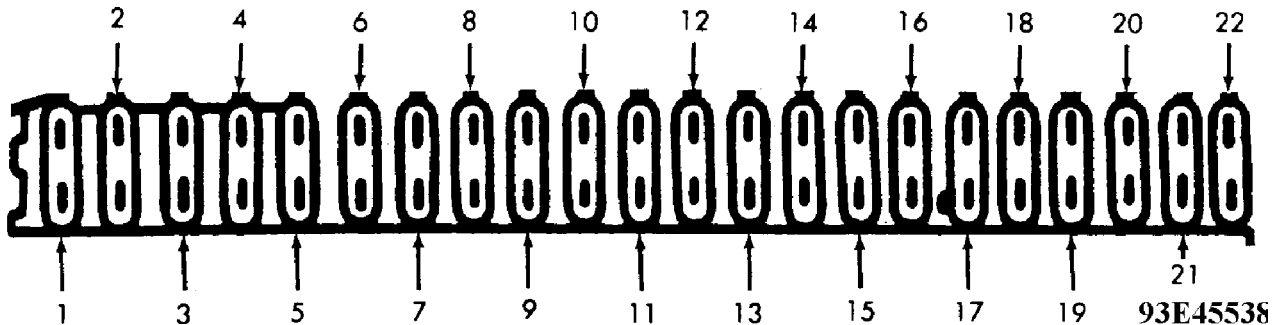


Fig. 1: Fuse Panel Identification (All But Jetta 1990-92)
Courtesy of Volkswagen United States, Inc.

Fuse & Circuit Breaker Identification

- 1 - 10 Amp
Left Headlight Low Beam
- 2 - 10 Amp
Right Headlight Low Beam
- 3 - 10 Amp
Instrument & License Lights
- 4 - 15 Amp
Rear Window Wiper, Glove Box Light
- 5 - 15 Amp
Windshield Wiper/Washer
- 6 - 30 Amp
A/C, Fresh Air Fan
- 7 - 10 Amp
Right Taillight & Side Marker Light

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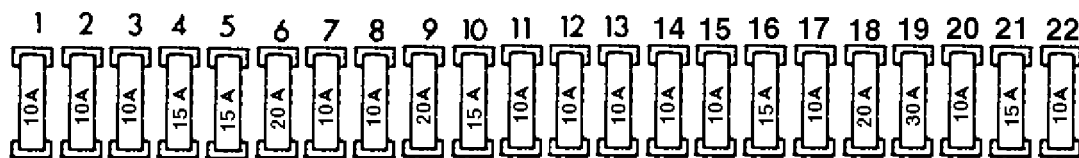
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- 8 - 10 Amp
Left Taillight & Side Marker Light
- 9 - 20 Amp
Rear Window Defogger, Mirror Heater
- 10 - 15 Amp
Fog Lights
- 11 - 10 Amp
Left Headlight High Beam & High Beam Indicator
- 12 - 10 Amp
Right Headlight High Beam
- 13 - 10 Amp
Horn, Radiator Cooling Fan
- 14 - 15 Amp
Backup Lights, Electric Mirrors, Heated Front Seats,
Windshield Washer Jets
- 15 - 10 Amp
Engine Electronics
- 16 - 15 Amp
Power Sunroof
- 17 - 10 Amp
Emergency Flasher
- 18 - 20 Amp
Fuel Pump, Oxygen Sensor
- 19 - 30 Amp
A/C, Radiator Cooling Fan
- 20 - 10 Amp
Brakelights, Cruise Control
- 21 - 15 Amp
Dome/Luggage/Vanity Mirror Lights, Clock, Radio, Central
Locking System, Multi-Function Indicator, Alarm System
- 22 - 10 Amp
Radio, Cigarette Lighter, Remote Luggage Compartment Release

JETTA - 1990-92



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Fig. 2: Fuse Panel Identification (Jetta 1990-92)
Courtesy of Volkswagen United States, Inc.

Fuse & Circuit Breaker Identification

- 1 - 10 Amp
Left Headlight Low Beam
- 2 - 10 Amp
Right Headlight Low Beam
- 3 - 10 Amp
Instrument & License Lights

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- 4 - 15 Amp
Rear Window Wiper, Glove Box Light
- 5 - 15 Amp
Windshield Wiper/Washer
- 6 - 20 Amp
A/C, Fresh Air Fan (16-Valve)
- 7 - 10 Amp
Right Taillight & Side Marker Light
- 8 - 10 Amp
Left Taillight & Side Marker Light
- 9 - 20 Amp
Rear Window Defogger
- 10 - 15 Amp
Fog Lights (2.0 16-Valve Only)
- 11 - 10 Amp
Left Headlight High Beam & High Beam Indicator Light
- 12 - 10 Amp
Right Headlight High Beam
- 13 - 10 Amp
Horn, Radiator Cooling Fan (16-Valve)
- 14 - 10 Amp
Backup Lights, Washer Nozzle Heaters
- 15 - 10 Amp
2.0 16-Valve Only: Engine Electronics, Stabilizer Valve, Cold Start Valve
- 16 - 15 Amp
Instrument Panel Warning Lights, Multi Function Indicator (16-Valve)
- 17 - 10 Amp
Emergency Flasher, Turn Signals
- 18 - 20 Amp
Fuel Pump, Oxygen Sensor
- 19 - 30 Amp
A/C, Radiator Cooling Fan
- 20 - 10 Amp
Brakelights, Cruise Control
- 21 - 15 Amp
Interior Lights, Digital Clock, 16 Valve: Luggage Compartment Light, Central Locking System, Multi-Function Indicator
- 22 - 10 Amp
Radio, Cigarette Lighter

CAUTIONS & WARNINGS

ELECTRICAL SHOCK

WARNING: Contact with live components of ignition system while engine is running could lead to a fatal electric shock.

RADIATOR FAN

Keep hands away from radiator fan. Fan is controlled by a

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thermostatic switch which may come on or run for up to 15 minutes even after engine is turned off.

RADIATOR CAP

CAUTION: Always disconnect the fan motor when working near the radiator fan. The fan is temperature controlled and could start at any time even when the ignition key is in the OFF position. DO NOT loosen or remove radiator cap when cooling system is hot.

REPLACING BLOWN FUSES

Before replacing a blown fuse, remove ignition key, turn off all lights and accessories to avoid damaging the electrical system. Be sure to use fuse with the correct indicated amperage rating. The use of an incorrect amperage rating fuse may result in a dangerous electrical system overload.

BATTERY WARNING

CAUTION: When battery is disconnected, vehicles equipped with computers may lose memory data. When battery power is restored, driveability problems may exist on some vehicles. These vehicles may require a relearn procedure. See COMPUTER RELEARN PROCEDURES article in GENERAL INFORMATION section.

BRAKE PAD WEAR INDICATOR

Indicator will cause a squealing or scraping noise, warning that brake pads need replacement.

HALOGEN BULBS

Halogen bulbs contain pressurized gas which may explode if overheated. DO NOT touch glass portion of bulb with bare hands. Eye protection should be worn when handling or working around halogen bulbs.

SUPPLEMENTAL RESTRAINT SYSTEM (AIR BAG)

NOTE: See the AIR BAGS article in the ACCESSORIES/SAFETY EQUIPMENT Section.

Modifications or improper maintenance, including incorrect removal and installation of the Supplemental Restraint System (SRS), can adversely affect system performance. DO NOT cover, obstruct or change the steering wheel horn pad in any way, as such action could cause improper function of the system. Use only plain water when cleaning the horn pad. Solvents or cleaners could adversely affect the air bag cover and cause improper deployment of the system.

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WARNING: To avoid injury from accidental air bag deployment, read and carefully follow all warnings and service precautions. See appropriate AIR BAGS article in ACCESSORIES/SAFETY EQUIPMENT.

CAUTION: Disconnect negative battery cable before servicing any air bag system, steering column or passenger side dash component. After any repair, turn ignition key to the ON position from passenger's side of vehicle in case of accidental air bag inflation

ANTI-LOCK BRAKE SYSTEM

The anti-lock brake system contains electronic equipment that can be susceptible to interference caused by improperly installed or high output radio transmitting equipment. Since this interference could cause the possible loss of the anti-lock braking capability, such equipment should be installed by qualified professionals.

CATALYTIC CONVERTER

To prevent catalytic converter overheating, DO NOT allow engine to idle for more than 20 minutes.

END OF ARTICLE