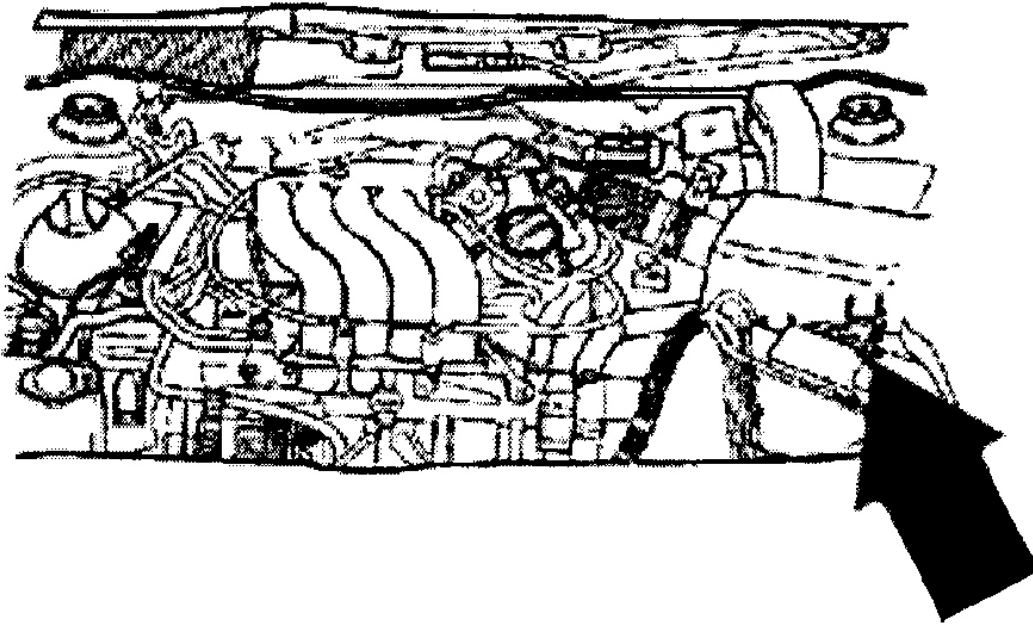


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Fig. 8: Locating Battery Fuse Panel Fuses
 Courtesy of VOLKSWAGEN UNITED STATES, INC.

FUSE IDENTIFICATION (BATTERY FUSE PANEL)

Fuse No.	Amp Rating	Circuits Protected
162		
Engine Codes AEG, AFP, AWD	50	Secondary Air Injector Pump
Engine Code ALH	50	Preheating Coolant Relay (Low & High Heat)
163		
Engine Codes AEG, AFP, AWD	50	Fuel Pump
ALH	50	Glow Plug Relay
164	40	Coolant Fan Control (FC) Control Module
176	110	Ignition/Starter Switch, Power Supply Relay (B+ Terminal), Passenger Compartment Fuse Panel, Load Reduction Relay ⁽¹⁾
177		
Engine Code AEG	110	Generator
Engine Codes AFP,	150	Generator

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ALH, AWD		
178	30	ABS Control Module
179	30	ABS Control Module
180	30	FC Control Module, CF Thermal Switch
(1) Applies to vehicles equipped with 2.8L engine (AFP) only.		

Main Fuse Panel

For fuse position number, amp rating and description of circuits protected, see **FUSE IDENTIFICATION (FUSE PANEL)** table.

NOTE: Fuses 23 through 44 may be designated in wiring diagrams with a prefix of 2. For example, fuse No. 29 may be labeled as 229. Fuse No. 43 may be labeled as 243.

FUSE IDENTIFICATION (FUSE PANEL)

Fuse No.	Amp Rating	Circuits Protected
1	10	Glove Compartment Light, Washer Nozzle Heater (Left & Right), Memory Seat Control Module
2 (1)	10	Emergency Flasher Switch
3	5	Instrument Panel Light Dimmer Switch, Fog Light Switch
4	5	License Plate Light
5		
All Vehicles	7.5	Daytime Running Lights Change-Over Relay, Heated Seat Control Module (Driver's & Passenger's), Outside Mirror Heating, Cruise Control Switch, Fresh Air/Recirculating Flap Switch, Outside Mirror Switch, High Pressure Sensor, Coolant Fan Control (FC) Control Module
AEG	7.5	Brake Pedal Switch, DLC
AFP	7.5	Brake Pedal Switch, Clutch Vacuum Vent, Climate Control Module
AWD	7.5	Clutch Vacuum Vent Valve Switch, Cruise Control Brake Vacuum Vent Valve Switch
6	5	Comfort System Central Control Module
7 (1)		
All Vehicles	10	Back-Up Light, Speedometer Vehicle Speed Sensor
(2)	10	Park/Neutral Position Relay, Selector Lever Position Warning Light
8	N/A	Vacant
9	5	ABS Control Module
10		
AEG,	15	Engine Control Module (ECM)

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AWD		
AFP	10	Engine Control Module (ECM)
ALH	5	Diesel Direct Fuel Injection Engine Control Module
11		
All Vehicles	5	Control Module W/Indicator Unit
(2)	5	Control Module W/Indicator Unit, Shift Lock Solenoid
12	7.5	DLC
13	10	Brake Light Switch
14	10	Comfort System Central Control Module (3)
15	5	Control Module W/Indicator Unit, Transmission Control Module (2)
16	10	FC Control Module
17	N/A	Vacant
18		
All Vehicles	10	High Beam Head Light (Right)
Jetta	10	Headlight (Right)
19		
All Vehicles	10	High Beam Head Light (Left)
Jetta	10	Headlight (Left)
20		
All Vehicles	15	Low Beam Head Light (Right)
Jetta	15	Head Light (Right)
21		
All Vehicles	15	Low Beam Headlight
Jetta	15	Head Light (Left)
22	5	Control Module W/Indicator, Tail Light (Right), Parking Light (Right), Front side Marker Light (Right), Light Switch
23	5	Control Module W/Indicator, Tail Light (Left), Parking Light (Left), Front side Marker Light (Left), Light Switch
24	20	Wiper/Washer Intermittent Relay And Switch
25	25	Climate Control Module, Fresh Air Blower Switch
26	25	Rear Window Defogger Switch
27	15	Rear Windshield Wiper Motor
28	15	Fuel Pump
29		
AEG, AFP	15	Ignition Coils, Motronic Engine Control Module
ALH	10	Diesel Direct Fuel Injection Engine Control Module

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AWD	15	Motronic Engine Control Module
30	20	Power Sunroof Control Module
31 (2)		
AEG, AFP, AWD	20	Brake Booster Control Module, Transmission Control Module, Multi-Function Transmission Range Switch
ALH	20	Transmission Control Module, Multi-Function Transmission Range Switch
32		
AEG, AFP, AWD	10	Fluid Injectors
ALH	30	Fuel Quantity Adjuster, Diesel Direct Fuel Injection Engine Control Module
33	N/A	Vacant
34		
AEG	10	Positive Crank Case Ventilation Heating Element
AFP	10	Brake Booster Vacuum Valve, Intake Manifold Change-Over Valve, Positive Crank Case Heating Element
ALH	10	Mass Air Flow Sensor, EGR Vacuum Regulator Solenoid Valve, Wastegate Bypass Regulator Valve, Change-Over Valve For Intake Manifold Flap, Cold Start Injector
AWD	10	Turbocharger Recirculating Valve, Wastegate Bypass Regulator Valve
35	30	Luggage Compartment 12V Socket
36	15	Rear Fog Light Switch
37 (1)	10	Control Module W/Indicator Unit, Comfort System Central Control Module, Radio
38	15	Comfort System Central Control Module, Remote Fuel Tank Door, Door Control Module (Driver Side Front, Driver Side Rear, Passenger Side Front, Passenger Side Rear) (3)
39 (4)	15	Emergency Flasher Switch
40	20	Dual Horn Relay
41	15	Cigarette Lighter
42 (4)	25	Radio, Amplifier
43		
AEG, AFP, AWD	10	Leak Detection Pump, Evaporative Emission Canister Purge Valve, Mass Air Flow Sensor, Oxygen Sensor, Heated Oxygen Sensor, Secondary Air Injector Solenoid Valve, Secondary Air Injector Pump Relay
ALH	10	Clutch Vacuum Vent Valve Switch (5), Preheating Coolant Relay (5), Brake Vacuum Vent Valve Switch (Cruise Control/Diesel), Positive Crankcase Ventilation Heating Element
44 (2)	15	Heated Seat Control Module (Driver's & Passenger's)

(1) Ignition powered.

(2) For 4-speed automatic transmission only.

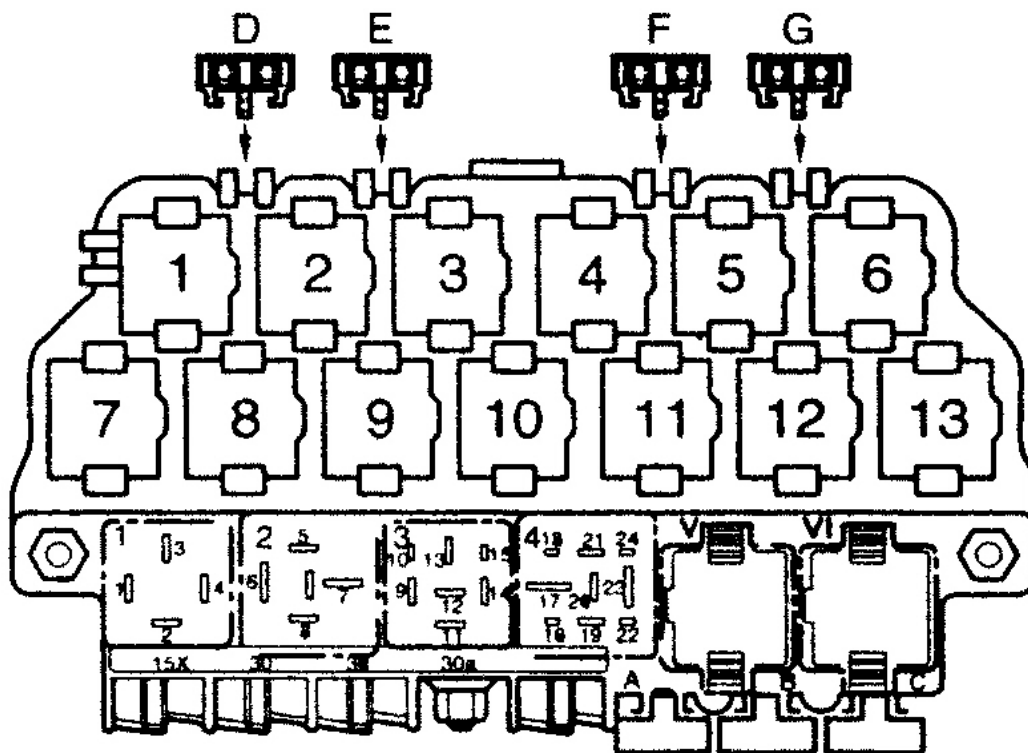
- (3) Applies to vehicles equipped with power windows only.
- (4) Battery powered.
- (5) Manual transmission only.

RELAYS

RELAY PANEL & THIRTEENFOLD AUXILIARY RELAY PANEL

For relay position within panels, see **Fig. 9** . For relay number, position number and circuits protected, see **RELAY IDENTIFICATION (RELAY PANEL)** and **RELAY IDENTIFICATION (THIRTEENFOLD AUXILIARY RELAY PANEL)** tables. Thirteenfold auxiliary relay panel is located above relay panel.

NOTE: Thirteenfold auxiliary relay panel is under driver's side of dash, behind lower instrument panel trim.



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Fig. 9: Identifying Thirteenfold Auxiliary Relay Panel
 Courtesy of VOLKSWAGEN UNITED STATES, INC.

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RELAY IDENTIFICATION (RELAY PANEL)

Position No.	Relay No.	Circuit Protected
1	J4	Dual Horn
2	J59	Load Reduction
3 (1)	J207	Starting Interlock
4	J17	Fuel Pump
V	J31	Wiper/Washer Intermittent
VI	J31	Wiper/Washer Intermittent
(2)	S44	Power (Memory) Circuit Breaker

(1) Manual transmission only.

(2) Relay is installed in any free position, and is not allocated any specific position within 13-way relay carrier.

RELAY IDENTIFICATION (THIRTEENFOLD AUXILIARY RELAY PANEL)

Position No.	Relay No.	Circuit Protected
1	N/A	Not Used
2	J398	Remote Unlock Rear Lid Motor
3	J207	Starting Interlock
4	J5	Fog Light Relay
5	N/A	Not Used
6	N/A	Not Used
7	J89	Daytime Running Lights Change-Over (1)
8	J89	Daytime Running Lights Change-Over (2)
9	N/A	Not Used
10 (3)	J52	Glow Plug
11 (4)	J226	Park/Neutral Position
12 (3)	J317	Power Supply (B+ Terminal)
13	N/A	Not Used

(1) From April 1999 and on.

(2) Through March 1999.

(3) Applies to vehicle equipped with engine (ALH) only.

(4) Applies to vehicles equipped with 4-speed automatic only.

NOTE: Fuse panel is located above thirteenfold auxiliary relay panel. For positions on thirteenfold auxiliary relay panel, see [Fig. 9](#).

FUSE IDENTIFICATION (THIRTEENFOLD AUXILIARY RELAY PANEL)

Position No.	Fuse No.	Amp Rating	Circuit Protected

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(1)	S37	30	Window Regulator
F	S111	15	Alarm System And Anti-Theft
G	S144	15	Central Locking/Anti-Theft Warning System

(1) Manufacturer does not specify position of fuse. Available positions are "D" and "E".
