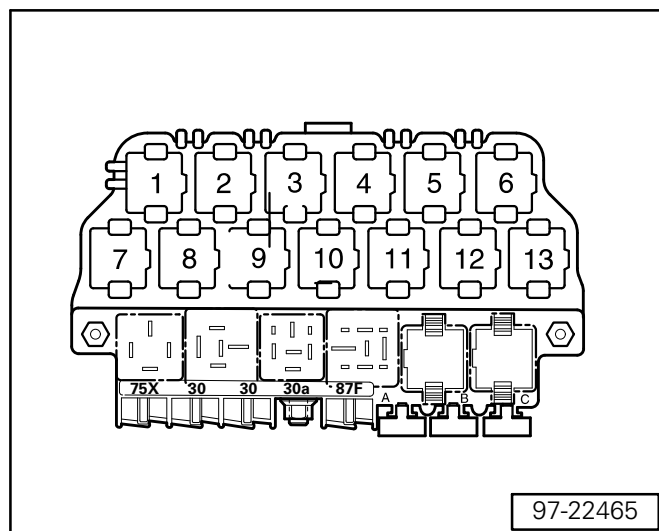


## Relay and fuse arrangements

from May 2002

### Relay arrangement on thirteenfold auxiliary relay panel above relay panel



- |    |  |
|----|--|
| 1  | <b>Coolant Fan Control (FC)-A/C Relay (373)</b>  |
| 2  | <b>Sun-Roof Relay (79)</b>   |
| 3  | <b>A/C Clutch Relay (267)<br/>A/C Clutch Relay (384)</b>   |
| 4  | <b>Daytime Running Lights Change-Over Relay (173)</b>  |
| 5  | <b>Taxi Alarm Relay<br/>High Beam Headlight Relay<br/>Emergency Flasher Relay</b>  |
| 6  | <b>Selector Lever Light Relay</b>  |
| 7  | <b>Fog Light Relay (381)</b>   |
| 8  | <b>Control Module for Multi-function steering wheel (451)<br/>Control Module for Multi-function steering wheel (452)</b> |
| 9  | <b>Control Module for Multi-function steering wheel (451)<br/>Control Module for Multi-function steering wheel (452)</b> |
| 10 | <b>Brake Booster Relay (373)</b>   |

- 11**      **Taxi Alarm Relay  
Emergency Flasher Relay (200)**
- 12**      **Dual Horn Relay (53)  
Taxi Alarm Relay**
- 13**      **Park/Neutral Position (PNP) Relay (175)  
Starting Interlock Relay-Clutch Position (53)**

**Fuses at thirteenfold relay-panel**

- A**      **Fuse for Taxi, 25 A**
- B**      **Fuse for Taxi, 20 A; High Beam Headlight left, 10 A**
- C**      **Fuse for Brake System Vacuum Pump, 15 A**
- D**      **Fuse for Power Outlet (12 V) Rear Console, 20 A**
- E**      **Fuse for Taxi, 5 A; High Beam Headlight right, 10 A**

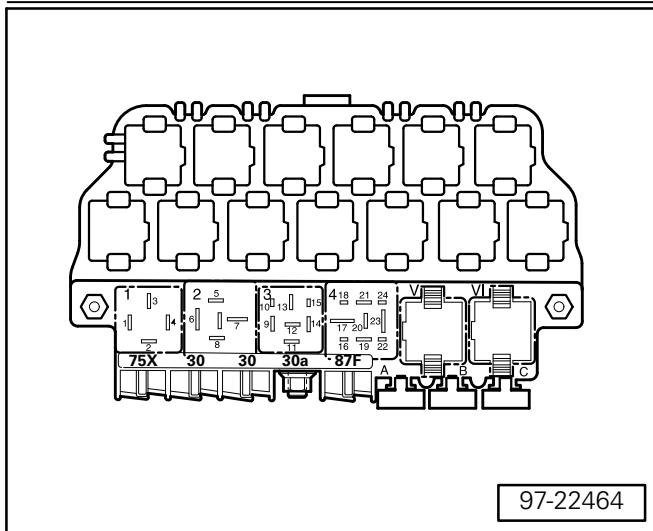
## Relay arrangements

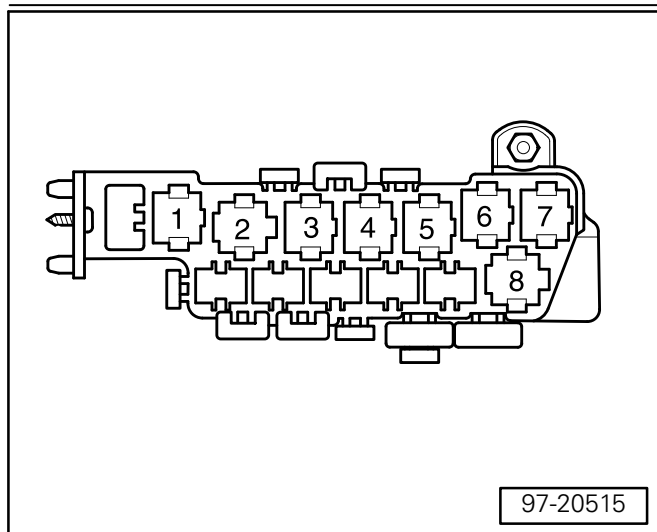
## Relay locations on relay panel

- |           |   |
|-----------|---|
| <b>1</b>  | <b>Dual Horn Relay (53)</b>   |
| <b>2</b>  | <b>Load Reduction Relay (370)</b>   |
| <b>3</b>  | <b>free</b>   |
| <b>4</b>  | <b>Fuel Pump (FP) Relay (372) (409)</b>   |
| <b>V</b>  | <b>Wiper/Washer Intermittent Relay (377) (389)<br/>Wiper/Washer Intermittent Relay/Rainsensor (192)</b> |
| <b>VI</b> | <b>Wiper/Washer Intermittent Relay (377) (389)<br/>Wiper/Washer Intermittent Relay/Rainsensor (192)</b> |

## Fuses on relay panel

- |          |   |
|----------|---|
| <b>A</b> | <b>Fuse for 12v socket I in luggage compartment, 20A</b>  |
| <b>B</b> | <b>Fuse for 12v socket II in luggage compartment, 20A</b> |
| <b>C</b> | <b>Fuse for Taxi, 10A</b>                                 |



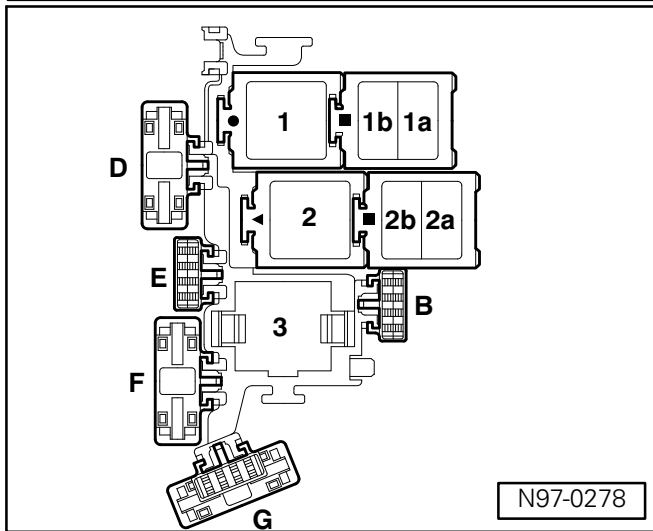
**Relay arrangements on eightfold (eight position) auxiliary relay panel behind relay panel****Relay locations on relay panel**

- |          |   |
|----------|---|
| <b>1</b> | <b>free</b>   |
| <b>2</b> | <b>free</b>   |
| <b>3</b> | <b>Coolant Fan Control (FC) Relay 80 W (373)</b>        |
| <b>4</b> | <b>free</b>   |
| <b>5</b> | <b>First Speed Coolant Fan Control (FC) Relay (373)</b> |
| <b>6</b> | <b>Coolant Fan Control (FC) Relay (373)</b>             |
| <b>7</b> | <b>Relay for ABS with ESP (373)</b>                     |
| <b>8</b> | <b>Coolant Fan Control (FC) Relay (370)</b>             |

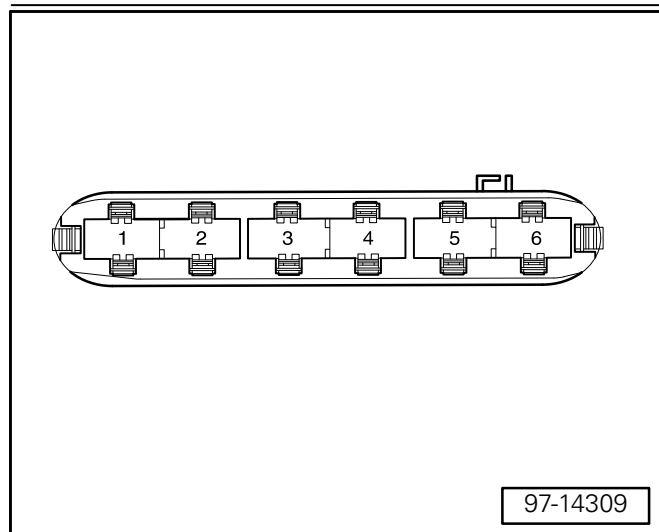
**Fuses at eighthold auxiliary relay panel**

- ◆ ABS Hydraulic Pump Fuse 30 A
- ◆ Power Window Fuse 30 A
- ◆ Coolant Fan Fuse 30 A, 40 A, 60 A
- ◆ Coolant Fan Fuse 5 A
- ◆ ABS Hydraulic Pump Fuse 30 A, 50 A
- ◆ Power Seat Circuit Breaker - Passenger's Seat 30 A
- ◆ Power Seat Circuit Breaker - Driver's Seat 30 A
- ◆ Alarm System with Anti-Theft warning system -Telematics 30 A
- ◆ Alarm System with Anti-Theft warning system 15 A

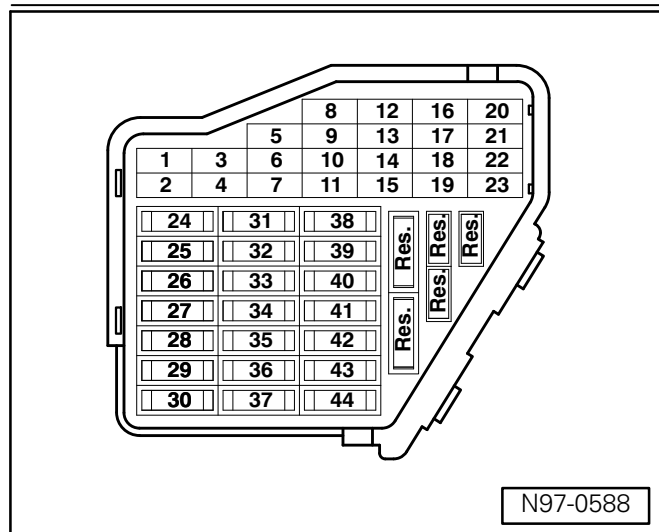
## Relay and fuse arrangements on Relay Panel



- |          |  |
|----------|--|
| <b>1</b> | <b>Motronic Engine Control Module Power Supply Relay (167), engine code BDP</b>  |
| <b>2</b> | <b>Secondary Air Injection (AIR) Pump Relay (373), (100)</b>   |
| <b>3</b> | <b>Motronic Engine Control Module Power Supply Relay (429), (219)<br/>Auxiliary Engine Coolant (EC) Pump Relay (53), (411)</b> |
| <b>B</b> | <b>Fuse for Injectors (S116), 10 A<br/>Fuse for Auxiliary Engine Coolant (EC) Pump 5A</b>                                      |
| <b>D</b> | <b>Fuse for Secondary Air Pump (S130), 50 A</b>  |
| <b>E</b> | <b>Fuse for Ignition coil terminal (S115) 40 A</b>   |
| <b>F</b> | <b>Engine control Module (ECM) Fuse (S102), 5 A</b>  |
| <b>G</b> | <b>Engine Electronics Fuse (S282), 10A</b>   |

**Connector arrangements in control module housing, in plenum**

Color	from wiring harness	to wiring harness
1 black	Instrument Panel	Engine Compartment right
2 brown	Instrument Panel	Engine Compartment right
3 red	Instrument Panel	Engine Compartment right
4 yellow	Instrument Panel	Engine Compartment right
5 blue	Instrument Panel	Engine Compartment right
6 white	Instrument Panel	Engine Compartment right



### Fuse arrangements in fuse panel, behind instrument cluster, left

#### Fuse colours

- ◆ 30 A - green
- ◆ 25 A - white
- ◆ 20 A - yellow
- ◆ 15 A - blue
- ◆ 10 A - red
- ◆ 7,5 A - brown
- ◆ 5 A - beige
- ◆ 3 A - violet

Fuses beginning from S23 to S44 are identified with additional prefix 2, in wiring diagram. Example: Fuse S40 on fuse panel is listed as S240 in wiring diagram



**Fuses:**

1	- Heated washer nozzle	5 A	17	- power outlet, Telematics	10A/ 15A
2	- Turn signal system	10 A	18	- Right headlight, high beam	10 A
3	- free		19	- Left headlight, high beam	10 A
4	- License plate light	5 A	20	- Right headlight, low beam	15 A
5	- Power Seats, air conditioning, telematics, Multi-Function Steering Wheel, Power sunroof, mirror adjustment, HomeLink	10 A	21	- Left headlight, low beam	15 A
6	- Comfort module comfort system	5 A	22	- Parklight, right	5 A
7	- ABS, Cruise Control system, Engine Control Unit	10 A	23	- Parklight, left	5 A
8	- Automatic headlight beam adjusting	5 A	24	- Wiper system	25 A
9	- Parking aid	5 A	25	- Fresh air blower, recirculating control, air conditioning, Power sunroof	30 A
10	- CD-Changer Unit, Telematics, Multi-Function Steering Wheel, Navigation, Radio	5 A	26	- Rear window defogger	30A
11	- Power Seats with Memory	5 A	27	- Rear window wiper system	15 A
12	- B+ (battery positive voltage) for Data Link Connector (DLC)	10 A	28	- Fuelpump (FP)	20 A
13	- Brake lights	10 A	29	- Engine Control Unit, Coolant Fan	20 A
14	- Comfort module system	10 A	30	- Sunroof	20 A
15	- Instr. cluster, air conditioning, automatic transmission	10 A	31	- Back-up lights, cruise control system, automatic transmission, Mirror adjustments, diagnostic	15 A
16	- ABS, Steering Angle Sensor	5 A	32	- Engine Control Module (ECM), cruise control system	20 A

**Fuses:**

33	- Cigarette lighter	15 A
34	- Engine Control Module (ECM), injectors	15 A
35	- Trailer socket	30 A
36	- Fog lights	15 A
37	- Radio system, Navigation	20 A
38	- Comfort module system	15 A
39	- Emergency flasher system	15 A
40	- Dual horn	25 A
41	- Telematics	25 A
42	- ABS	25 A
43	- Engine Control Module (ECM)	15 A
44	- Heated seats	30 A