

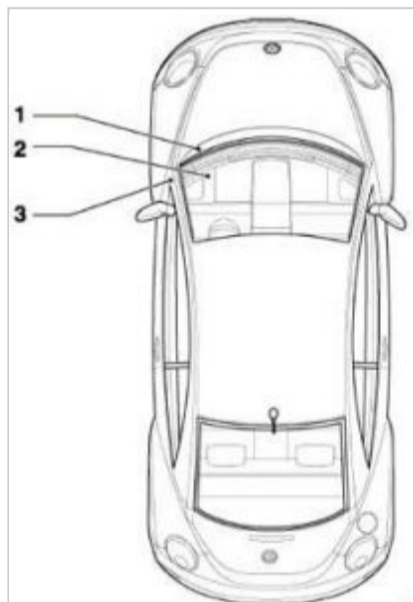
Volkswagen New Beetle – fuse box diagram

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Volkswagen New Beetle – fuse box diagram

Year of production:

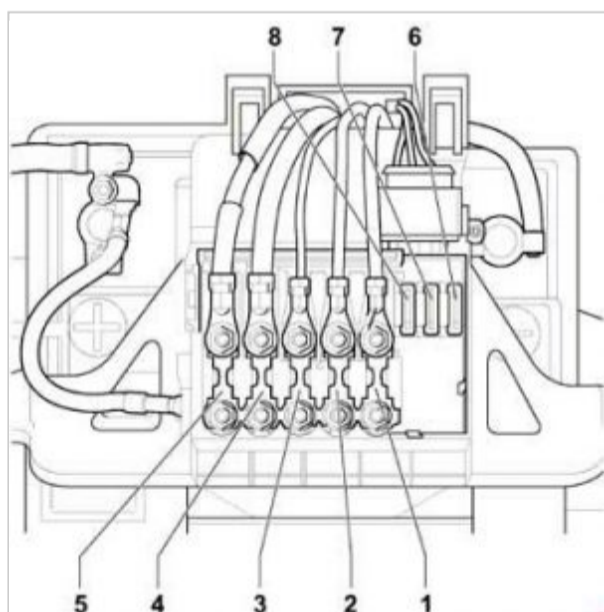
Location



Volkswagen New Beetle – fuse box diagram – location

1. Fuses -S162-, -S163-, -S164-, -S176-, -S177-, -S178-, -S179-, -S180- on fuse holder/battery
2. Fuses -S43-, -S111-, -S130-, -S144-, -S283-, -S329-, -S337-, -S338-, on the 13 position additional relay carrier above the relay plate
3. Fuses (S) in fuse holder, left dash panel

Fuses (S) on fuse holder/battery



Volkswagen New Beetle – fuse box diagram – fuses-(S) – on fuse holder/battery

Nº	A	Function/component
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Languages

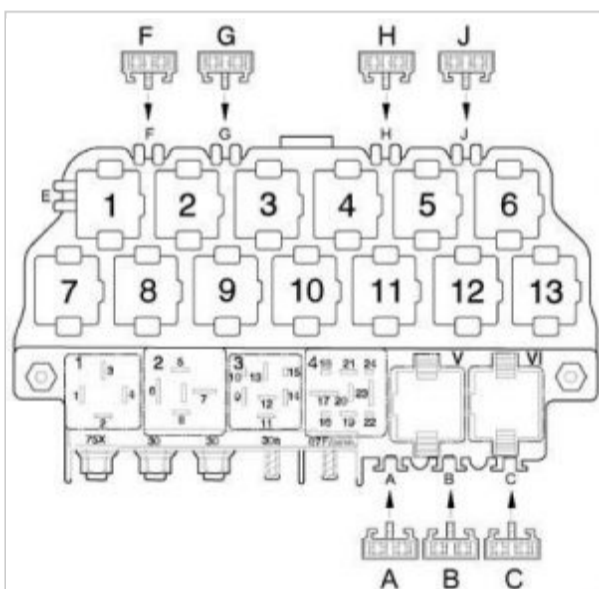
English

Brands

- [Abarth\(7\)](#)
- [Acura\(97\)](#)
- [Aixam\(1\)](#)
- [Alfa Romeo\(28\)](#)
- [AMC\(6\)](#)
- [Ariel\(1\)](#)
- [Aston Martin\(2\)](#)
- [Audi\(65\)](#)
- [BMW\(39\)](#)
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- [Buick\(101\)](#)
- [Cadillac\(102\)](#)
- [Caterham\(1\)](#)
- [Chery\(4\)](#)
- [Chevrolet\(286\)](#)
- [Chevy\(2\)](#)
- [Chrysler\(81\)](#)
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- [Dacia\(12\)](#)
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- [Eagle\(15\)](#)
- [Ferrari\(8\)](#)
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- [Freightliner\(1\)](#)
- [G-WIZ\(1\)](#)
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- [Geo\(4\)](#)
- [Georgie Boy\(1\)](#)
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- [Lancia\(18\)](#)

1	50	V101 – Secondary air pump motor, models with secondary air pump only J359 – Low heat output relay, models with diesel engines, manual gearbox only J360 – High heat output relay, models with diesel engines, manual gearbox only
2	50	J17 – Fuel pump relay (17/30) J370 – Glow plug activation control unit, models with diesel engines only
3	40	J293 – Radiator fan control unit (T4e/1) V7 – Radiator fan
4	110	J59 – X – contact relief relay (7/30)
5	110 150	C – Alternator (90A) C – Alternator (120A)
6	30	J104 – ABS control unit (T47a/1)
7	30	J104 – ABS control unit (T47a/32)
8	30	F18 – Radiator fan thermal switch J293 – Radiator fan control unit (T4e/3)

Fuses on the 13 position additional relay carrier above the relay plate



Volkswagen New Beetle – fuse box diagram – fuses on the 13 position additional relay carrier above the relay plate

Nº	A	Function/component
A	30	Window regulator thermal fuse -S43-
B		Brake vacuum pump fuse -S283- ^{*1} Vacant ^{*2,7}
C	30 ^{*3} 10 ^{*7}	Rear spoiler motor fuse -S329- ^{*3} Secondary air pump fuse -S130-
F	–	Vacant
G	–	Vacant

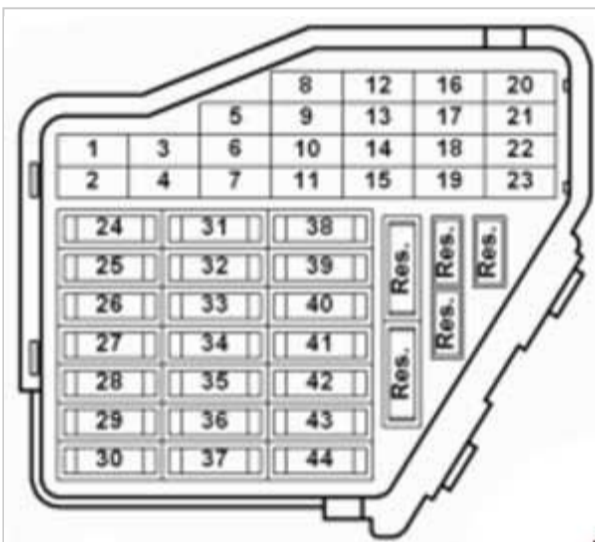
- [Land Rover\(24\)▶](#)
- [Lexus\(80\)▶](#)
- [Lifan\(4\)▶](#)
- [Lincoln\(47\)▶](#)
- [Lotus\(2\)▶](#)
- [LTI\(1\)▶](#)
- [Maruti Suzuki\(30\)▶](#)
- [Mazda\(112\)▶](#)
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- [Volvo\(193\)▶](#)
- [Western Star\(1\)▶](#)
- [Wuling\(1\)▶](#)
- [Yuchai\(3\)▶](#)

H	15	Anti-theft alarm system fuse and immobilizer fuse - S111- ^{*4} Telematics fuse -S338- ^{*5}
J	15 ^{*4} 20 ^{*2,6}	Anti-theft alarm system central locking fuse -S144- ^{*4} Brake vacuum pump fuse -S283- ^{*2} Fuse for dual clutch gearbox mechatronic unit - S337- ^{*6}
Relay positions – relay on relay plate		
1	J4 – Dual tone horn relay (53)	
2	J59 – X-contact relief relay (100)	
3	Vacant	
4	J17 – Fuel pump relay (409) J52 – Glow plug relay (103) ^{*8}	
5	Automatic intermittent wash and wipe relay -J31- (377), (192), (389)	
Relay positions on the 13 position additional relay carrier above the relay plate		
1	Vacant	
2	Vacant	
3	Starter inhibitor relay, clutch pedal switch -J434- (53) ^{*9}	
4	Fog light relay -J5- (53)	
5	Vacant	
6	Vacant	
7	Daytime running lights change-over relay -J89- (173) ^{*10}	
8	Heated exterior mirror relay -J99- (53) ^{*11}	
9	Alarm horn relay -J641- (for telematics only)	
10	Turn signals relay for anti-theft alarm -J237- (for telematics only) Radiator fan 3rd speed relay -J135- (100) (only 1.8 l-engine) Secondary air pump relay -J299- (100) (only petrol engines, from July 2005) Low heat output relay -J359- (100) (engine code BEW only, from June 2003 up to December 2006)	
11	Starter inhibitor and reversing light relay -J226- (126) (only for automatic gearbox 01M) Starter inhibitor relay -J207- (176) (from model year 2005; only for 6-speed automatic gearbox 09G, with Tiptronic)	
12	Terminal 30 voltage supply relay -J317- (109) (for engine codes BPR, BPS only; models with diesel engines only)	

13	High heat output relay -J360- (53) (engine code BEW only, from June 2003 up to December 2006)
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1 – for models with manual gearbox, model year 2003
 2 – models with automatic gearbox, from model year 2004
 3 – models with 1.8 l engine, model year 2003 up to 2005
 4 – up to model year 2003
 5 – from model year 2004
 6 – for models with engine code BEW; with dual clutch gearbox DSG 02E; from model year 2004
 7 – from model July 2005
 8 – engine codes ALH, ATD, AXR, BSW only
 9 – only manual gearbox
 10 – daytime running lights only
 11 – American markets only; only models with mechanical window regulator

Fuses (S) in fuse holder, left dash panel



Volkswagen New Beetle – fuse box diagram – fuses (S) in fuse holder, left dash panel

Nº	A	Function/component
1	10	J99 – Heated exterior mirror relay* ¹ J131 – Heated driver seat control unit (T6/5) J132 – Heated front passenger seat control unit (T6b/5) W6 – Glove compartment light Z20/ Z21 – Left/right washer jet heater element
2	10	J1 – Turn signal relay (T7/6) M5/ M7 – Front left/right turn signal bulb M6/ M8 – Rear left/right turn signal bulb
3	5	E1 – Lighting switch E20 – Switches and instruments illumination regulator J5 – Fog light relay (4/86)
4	5	X – number plate light

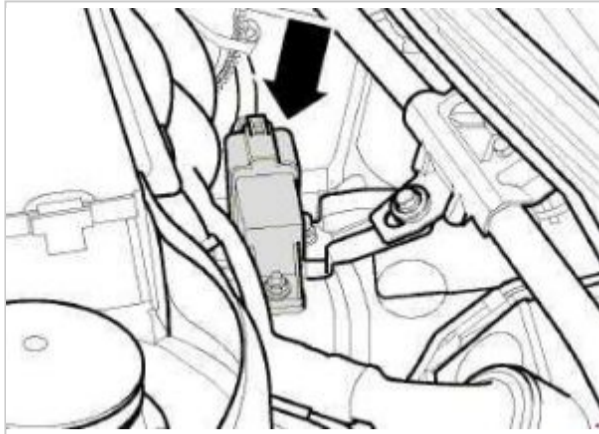
5	7,5	<p>E45 – Cruise control system switch^{*2} E159 – Fresh air/air recirculation flap switch (T8b/5) E184 – Fresh air and air recirculation switch^{*1} E227 – Cruise control system (CCS) SET button (T4q/3), CCS only^{*1} E231 – Exterior mirror heater button F36 – Clutch pedal switch (T4q/3) F47 – Brake pedal switch G65 – High-pressure sender (T3e/3) J89 – Daytime running lights change-over relay (8/86) J255 – Climatronic control unit (T16c/9)^{*1} J293 – Radiator fan control unit (T14/9) J386 – Driver door control unit (T18d/3) T16 – 16-pin connector, self-diagnosis (T16/1T16/16) V48 – Left headlight range control motor^{*1} V49 – Right headlight range control motor^{*1} Y2 – Digital clock^{*2} Y7 -Automatic anti-dazzle interior mirror^{*2}</p>
6	5	<p>J393 – Convenience system central control unit (T23/5) Vacant, model year 2004</p>
7	10	<p>F4 – Reversing light switch F125 – Multifunction switch (T10t/10)^{*2} G22 – Speedometer sender J226 – Starter inhibitor and reversing light relay (T9/5) K142 – Selector lever position P/N warning lamp M16 / M17 – Left/right reversing light bulb T16 – 16-pin connector, self-diagnosis (T16/1)</p>
8	–	<p>Vacant J412 – Mobile telephone operating electronics control unit (T18d/10)^{*3}</p>
9	5	<p>E256 – TCS and ESP button (T6/6) J104 – ABS control unit (T47a/4) G85 – Steering angle sender (T6k/5)</p>
10	10	<p>J285 – Control unit in dash panel insert (T32/30) J393 – Convenience system central control unit (T23/17), models with window regulator from 2003 only R – Radio Y2 – Digital clock</p>
11	5	<p>J285 – Control unit in dash panel insert (T32/1) N110 – Selector lever lock solenoid</p>
12	7,5	<p>T16 – 16-pin connector, self-diagnosis (T16/16) J502 – Tyre pressure monitor control unit (T20b/3)^{*2}</p>
13	10	<p>F – Brake light switch</p>
14	10	<p>J220 – Motronic control unit (T121/62) J271 – Motronic current supply relay J393 – Convenience system central control unit (T23/22), models with window regulator from model year 2003</p>

15	5	G85 – Steering angle sender (T6p/4) for TCS/ESP J217 – Automatic gearbox control unit (T68/45) J285 – Control unit in dash panel insert (T32/23) Y2 – Digital clock* ²
16	10	J293 – Radiator fan control unit (T14/4)
17	–	Vacant
18	10	J5 – Fog light relay J285 – Control unit in dash panel insert (T32/a17) J607 – Right dip and main beam switch relay (for gas discharge bulb)* ¹ M32 – Right main beam bulb
19	10	J606 – Left dip and main beam switch relay (for gas discharge bulb)* ¹ M30 – Left main beam bulb
20	15	J607 – Right dip and main beam switch relay (for gas discharge bulb)* ¹ M31 – Right headlight dipped beam bulb
21	15	J606 – Left dip and main beam switch relay (for gas discharge bulb)* ¹ M29 – Left headlight dipped beam bulb
22	5	J285 – Control unit in dash panel insert (T32/26) M3 – Right side light bulb* ² M22 – Right brake and tail light bulb M34 – Front right side marker bulb* ² M36 – Front right turn signal and side marker bulb M38 – Rear right side marker bulb
23	5	J285 – Control unit in dash panel insert (T32/27) M1 – Left side light bulb* ² M21 – Left brake and tail light bulb M33 – Front left side marker bulb* ² M35 – Front left turn signal and side marker bulb M37 – Rear left side marker bulb
24	20	E22 – Intermittent wiper switch (T8c/8) J31 – Automatic intermittent wash and wipe relay (T18a/13), for headlight washer system only
25	25	E9 – Fresh air blower switch (T6d/2) J255 – Climatronic control unit (T16b/14)* ¹ V2 – Fresh air blower, for Climatronic only* ¹
26	25	E15 – Heated rear window switch (T6b/5) Z1 – Heated rear window
27	15	U1 – Cigarette lighter , from model year 2007 J29 – Blocking diode, from model year 2007 U18 – 12 V socket -2- U19 – 12 V socket 3, in luggage compartment
28	15	G6 – Fuel system pressurisation pump J17 – Fuel pump relay (T9b/1)* ³

29	15	J220 – Motronic control unit (T121/3) J248 – Diesel direct injection system control unit (T121/37)* ¹ N30/ N31/ N32/ N33/ N83 – Injector, cylinder* ² J623 – Engine control unit (T80/4), engine code CBPA only* ² G70 – Air mass meter, (T5d/2), engine code BEW only, from June 2003 up to December 2006 J248 – Diesel direct injection system control unit, (T94/18), engine code BEW only, from June 2003 up to December 2006
30	20	J245 – Sliding sunroof adjustment control unit (T6l/4)
31	20	F125 – Multifunction switch (T8a/7)* ¹ J217 – Automatic gearbox control unit (T68/23) J539 – Brake servo control unit (T6k/3)
32	30	N30/ N31/ N32/ N33 – Injector, cylinders, engine code CBPA only N280 – Air conditioning system compressor regulating valve* ²
32	15	J248 – Diesel direct injection system control unit (T121/2) N146 – Metering adjuster* ¹
33	20	Vacant
34	10	G40 – Hall sender, engine code BEW only, from June 2003 up to December 2006 J52 – Glow plug relay (engine codes ALH and BEW only) J299 – Secondary air pump relay (T13/9)* ³ J370 – Glow plug activation control unit, (6/87), engine code BEW only, from June 2003 up to December 2006 N18 – Exhaust gas recirculation valve (engine codes ALH and BEW only) N75 – Charge pressure control solenoid valve N79 – Heater element for crankcase breather* ³ N108 – Commencement of injection valve (engine codes ALH and BEW only) N239 – Variable intake manifold flap change-over valve (engine codes ALH and BEW only) N205 – Inlet camshaft control valve 1 (engine codes ALH and BEW only) N249 – Turbocharger air recirculation valve (engine codes ALH and BEW only) N345 – Exhaust gas recirculation cooler change-over valve, engine code BEW only, from June 2003 up to December 2006 S130 – Secondary air pump fuse* ³ V157 – Intake manifold flap motor, engine code BEW only, from June 2003 up to December 2006
35	30	U19 – 12 V socket 3, in luggage compartment U10 – Trailer socket (T13/9)* ³
36	15	E7 – Fog light switch (T17/2)

37	20	J220 – Motronic control unit (T121/62) J248 – Diesel direct injection system control unit (T121/88), engine codes ALH and BEW J271 – Motronic current supply relay (1/30) J393 – Convenience system central control unit (T23/17), models with window regulator J623 – Engine control unit (T80/15), engine code CBPA only S283 – Brake vacuum pump fuse
38	15	E204 – Tank filler flap remote release switch E233 – Rear lid remote release button J386 – Driver door control unit (T29/19), models with window regulator J387 – Front passenger door control unit (T29a/19), models with window regulator J393 – Convenience system central control unit (T23/22) ^{*3}
39	15	E3 – Hazard warning light switch (T8d/8)
40	20	H1 – Horn or dual tone horn J4 – Dual tone horn relay (3/30)
41	15	U1 – Cigarette lighter U5 – 12 V socket U18 – 12 V socket -2-, from 07.03 U19 – 12 V socket 3, in luggage compartment, from 07.03 Vacant ^{*3}
42	25	R – Radio (T8/5, T8/7)
43	10	G39 – Lambda probe G70/G42 – Air mass meter/ Intake air temperature sender, engine codes BPS, BPR only G108 – Lambda probe 2 G130 – Lambda probe after catalytic converter G465 – Centre Lambda probe for bank 1 catalytic converter, engine code BPR only J299 – Secondary air pump relay (4/85) ^{*1} N80 – Activated charcoal filter system solenoid valve 1 N112-Secondary air inlet valve ^{*1} V144 – Fuel system diagnostic pump
43	10	F36 – Clutch pedal switch F47-Brake pedal switch J359 – Low heat output relay J360 – High heat output relay N79-Heater element for crankcase breather
44	15	J131 – Heated driver seat control unit (T6/4) J132 – Heated front passenger seat control unit (T6b/4)
<p>1 – model year 2002 up to July 2005 2 – from model July 2005 3 – from model July 2009</p>		

J179 – Automatic glow period control unit*^{1, 2}

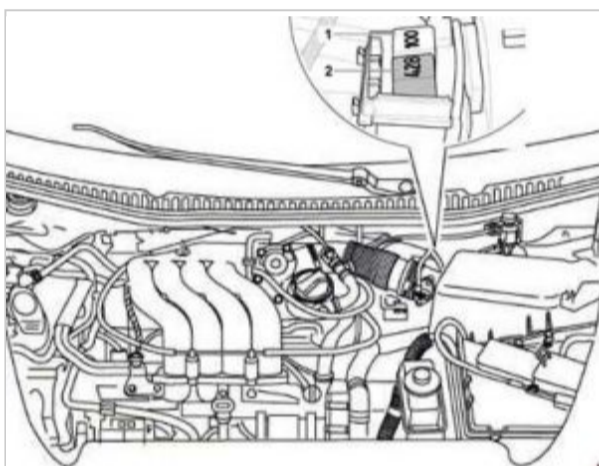


Volkswagen New Beetle – fuse box diagram – J179 – Automatic glow period control unit*^{1, 2}

Location: in centre of plenum chamber ⇒ -arrow-

1) engine code BEW only

2) from June 2003 up to December 2006



Volkswagen New Beetle – fuse box diagram – relay positions of relay carrier, in protective housing on left in engine compartment (from model year 2002 up to model year 2005)

Nº	Function/component
1	Secondary air pump relay -J299- (100)* ¹ High heat output relay -J360- (100)* ²
2	Motronic current supply relay -J271- (458)* ¹ Low heat output relay -J359- (53)* ²
1 – petrol engines only 2 – diesel engines only	

WARNING: Terminal and harness assignments for individual connectors will vary depending on vehicle equipment level, model, and market.

 [Beetle, Volkswagen](#)  [electricity](#)