

Golf/Vento

Current Flow Diagram

No. 10 / 1

Edition 02.1999

Climatronic

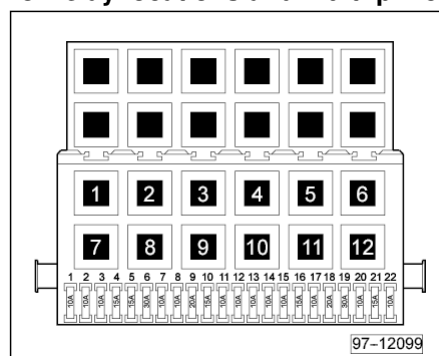
- 2.8 ltr./128 kW Motronic, engine code AAA

From August 1995

Climatronic

- 2.9 ltr./140 kW Motronic, engine code ABV

From November 1995

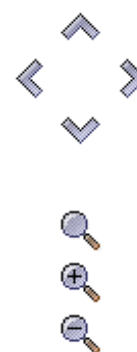
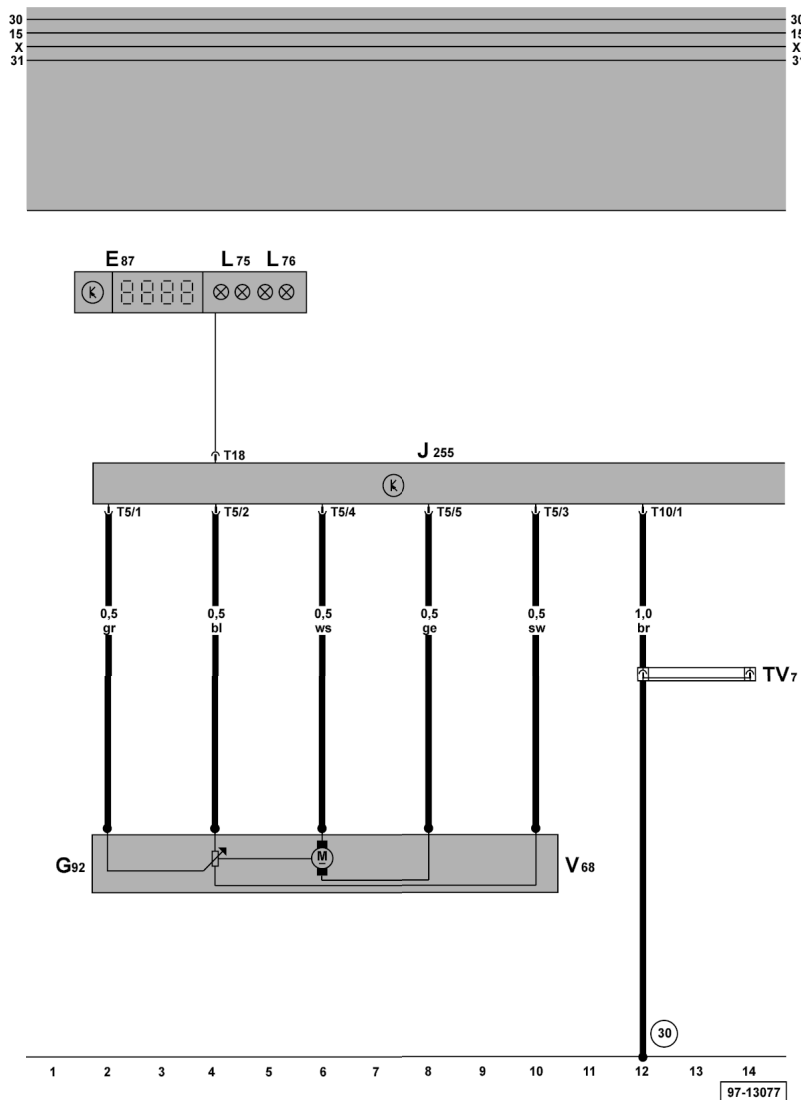
Relay locations:**For relay locations and multi-pin connector wiring, see section "Fitting locations section"****Fuse colours**

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red

Golf/Vento

Current Flow Diagram

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Operating and display unit with control unit, temperature flap positioning motor

- E87 - Operating and display unit for Climatronic
- G92 - Temperature flap control motor potentiometer
- J255 - Climatronic control unit
- L75 - Digital display illumination
- L76 - Button illumination
- T5 - 5-pin connector
- T10 - 10-pin connector
- T18 - 18-pin connector
- TV7 - Terminal 31 junction box, above the relay plate
- V68 - Temperature flap control motor

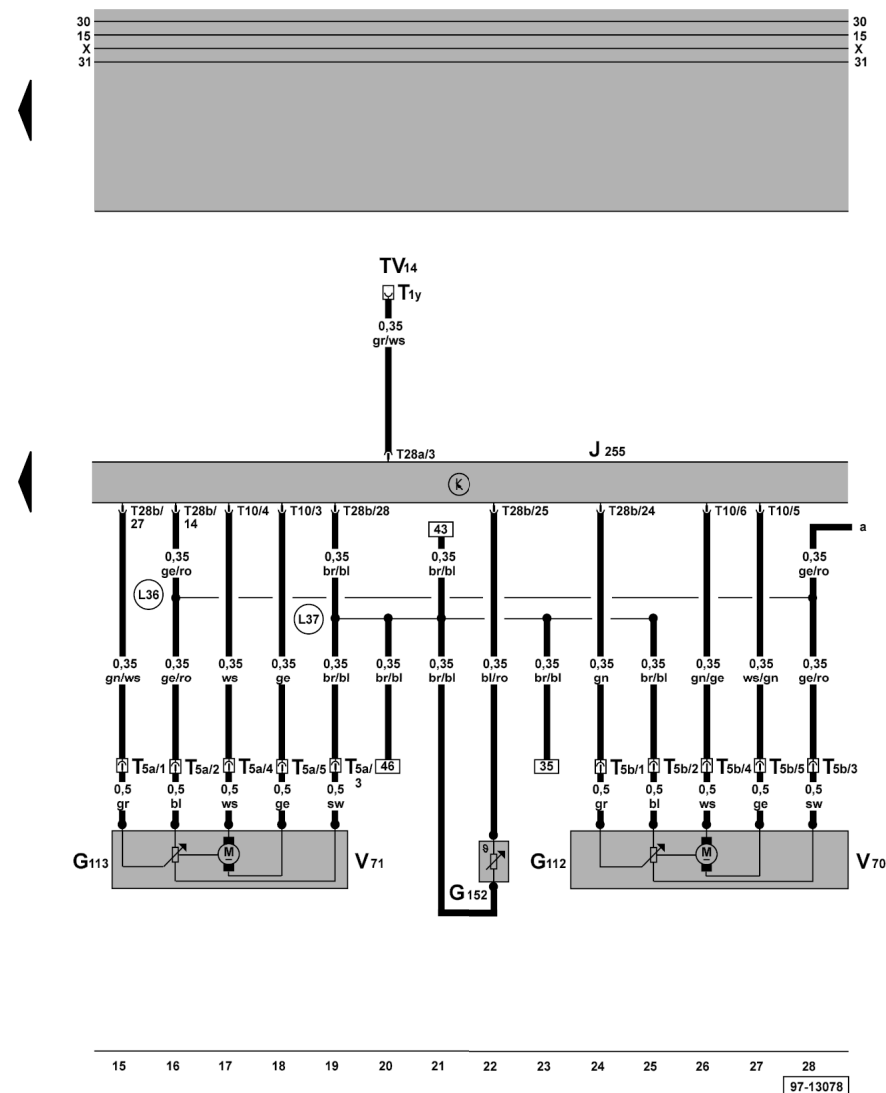
30

ws = white
 sw = black
 ro = red
 br = brown
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 gr = grey
 li = purple
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 or = orange
 rs = pink

Golf/Vento

Current Flow Diagram

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Motors, self-dianosis connection, sender for air flow temperature front

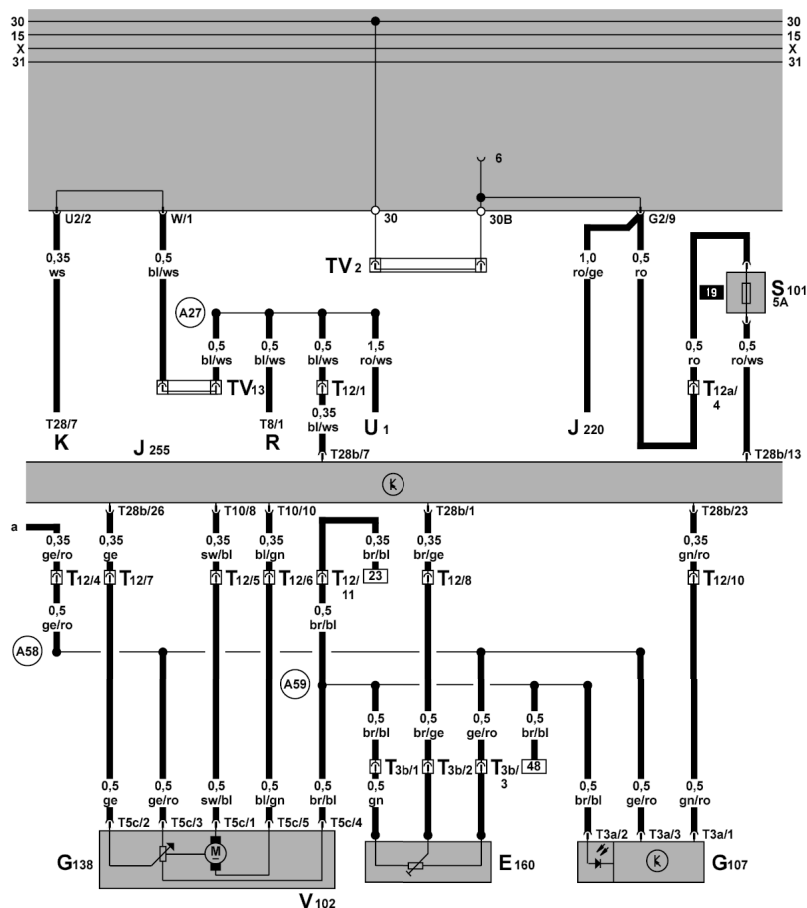
- G112 - Central flap control motor potentiometer
- G113 - Air flow flap control motor potentiometer
- G152 - Front vent temperature sender
- J255 - Climatronic control unit
- T1y - Single connector, in centre behind dash panel, connection for self-diagnosis
- T5a - 5-pin connector, in centre behind dash panel
- T5b - 5-pin connector, in centre behind dash panel
- T10 - 10-pin connector
- T28b - 28-pin connector
- TV14 - Self-diagnosis junction box, above the relay plate
- V70 - Central flap control motor
- V71 - Air flow flap control motor
- L36 - Connection -1-, in Climatronic controls wiring harness
- L37 - Connection -2-, in Climatronic controls wiring harness

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Golf/Vento

Current Flow Diagram

No. 10 / 4



ws = white
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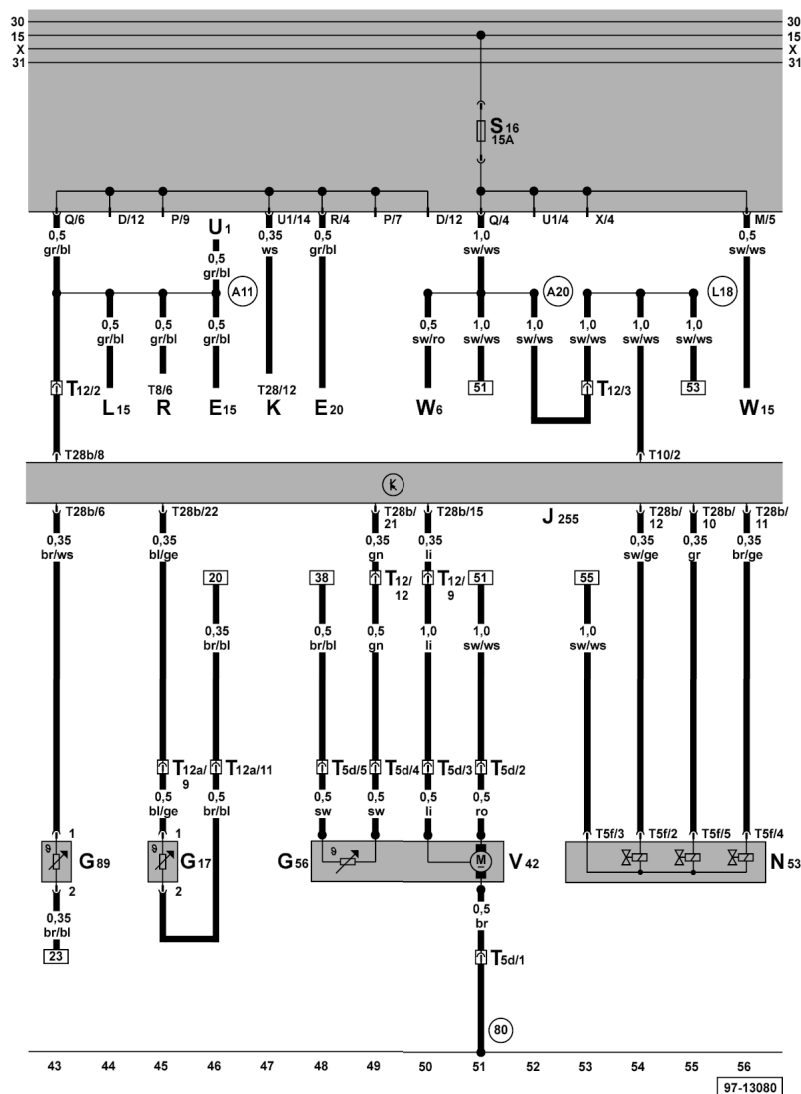
Motor for centre vent, photo sensor, Climatronic fuse

- E160 - Central vent control motor
- G107 - Sunlight penetration photosensor, on centre dash panel
- G138 - Central vent control motor potentiometer
- J220 - Motronic control unit
- J255 - Climatronic control unit
- K - Dash panel insert
- R - Radio
- S101 - Climatronic control unit fuse, above the relay plate
- T3a - 3-pin connector
- T3b - 3-pin connector, in centre behind dash panel
- T5c - 5-pin connector
- T8 - 8-pin connector, on radio
- T10 - 10-pin connector
- T12 - 12-pin connector
- T12a - 12-pin connector
- T28 - 28-pin connector, on dash panel insert
- T28b - 28-pin connector
- TV2 - Terminal 30 junction box, above the relay plate
- TV13 - Speed signal junction box, above the relay plate
- U1 - Cigarette lighter
- V102 - Central vents control motor
- A27 - Connection (speed signal), in dash panel wiring harness
- A58 - Connection (5 Volt), in dash panel wiring harness
- A59 - Connection (sender), in dash panel wiring harness

Golf/Vento

Current Flow Diagram

No. 10 / 5



ws = white
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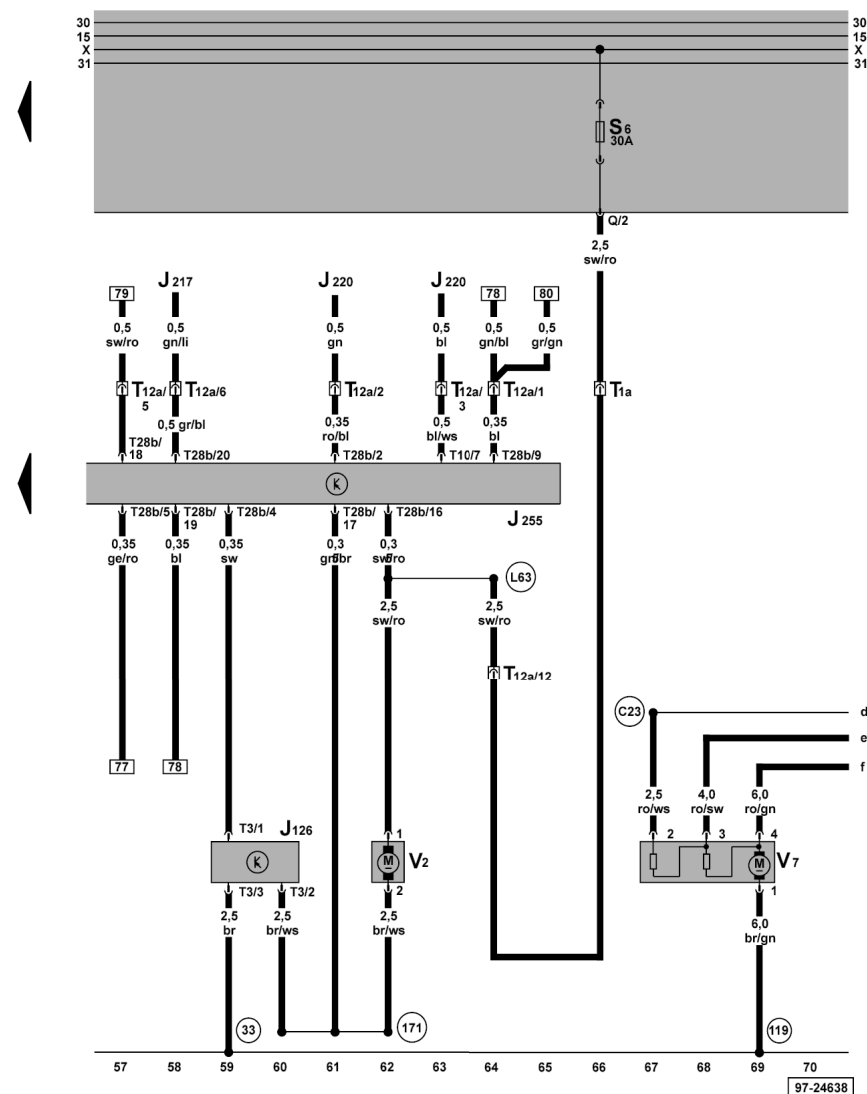
Valve strip, coolant temperature sender, dash panel temperature, ambient temperature sensor

- E15 - Heated rear window switch
- E20 - Switches and instruments - lighting control
- G17 - Ambient temperature sensor
- G56 - Dash panel temperature sensor
- G89 - Fresh air intake duct temperature sensor
- J255 - Climatronic control unit
- K - Dash panel insert
- L15 - Ashtray light bulb
- N53 - Vacuum valve strip, in centre behind dash panel
- R - Radio
- T5d - 5-pin connector, centre behind dash panel
- T5f - 5-pin connector
- T8 - 8-pin connector, on radio
- T10 - 10-pin connector, on Radio
- T12 - 12-pin connector, behind dash panel
- T12a - 12-pin connector, behind the relay plate
- T28 - 28-pin connector, on dash panel insert
- T28b - 28-pin connector
- U1 - Cigarette lighter
- V42 - Temperature sensor blower
- W6 - Glove box light
- W15 - Interior light with switch-off delay
- 80 - Earth connection -1-, in instruments wiring harness
- A11 - Positive (+) connection (58b), in wiring harness for instruments
- A20 - Connection (15a), in dash panel wiring harness
- L18 - Connection (15), in Climatronic controls wiring harness

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Current Flow Diagram

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Fresh air blower, blower control unit, radiator fan

J126 - Fresh air blower control unit, right behind dash panel

J217 - Automatic gearbox control unit

J220 - Motronic control unit

J255 - Climatronic control unit

T1a - Single connector, behind the relay plate

T3 - 3-pin connector

T10 - 10-pin connector

T12a - 12-pin connector, behind the relay plate

T28b - 28-pin connector

V2 - Fresh air blower

V7 - Radiator fan

33 - Earth point, behind dash panel, right

119 - Earth connection -1-, in headlight wiring harness

171 - Earth connection -2-, in Climatronic controls wiring harness

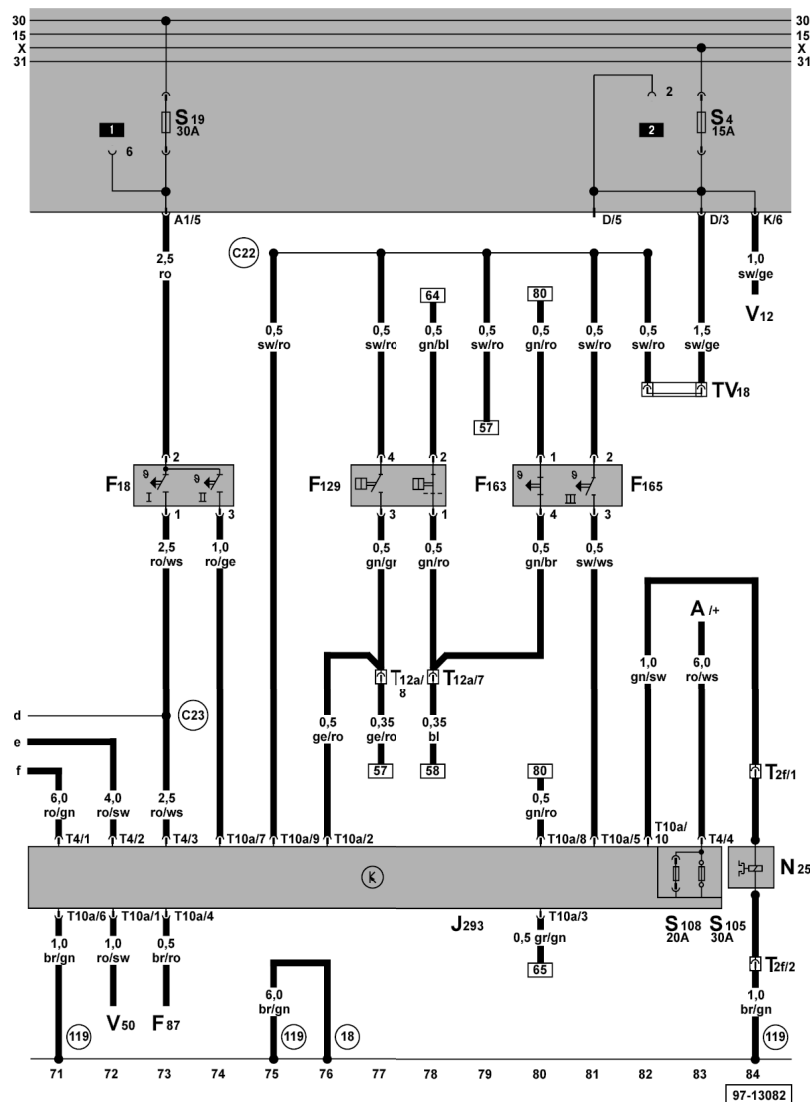
C23 - Connection (blower speed I), in headlight/air conditioner wiring harness

L63 - Positive connection (Xa), in Climatronic control wiring harness

Golf/Vento

Current Flow Diagram

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- Magnetic coupling, coolant fan control unit, pressure switch for air conditioning system**
- A - Battery
 - F18 - Radiator fan thermo-switch
 - F87 - Fan run-on thermo-switch
 - F129 - Air conditioner pressure switch
 - F163 - Air conditioner shut-off thermo-switch
 - F165 - Radiator fan thermo-switch, third speed
 - J293 - Radiator fan control unit
 - N25 - Air conditioning system magnetic coupling
 - S105 - Radiator fan fuse, 2nd and 3rd speeds
 - S108 - Radiator fan 1st speed and magnetic coupling fuse
 - T2f - 2-pin connector, near compressor
 - T4 - 4-pin connector
 - T10a - 10-pin connector
 - T12a - 12-pin connector, behind the relay plate
 - TV18 - Terminal Xa junction box, above the relay plate
 - V12 - Rear window wiper motor
 - V50 - Coolant circulation pump
 - 18 - Earth point, on cylinder block
 - 119 - Earth connection -1-, in headlight wiring harness
 - C22 - Connection (x), in headlight/air conditioner wiring harness
 - C23 - Connection (bower speed I), in headlight/air conditioner wiring harness

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