Standard Equipment

from 2002 m. y.

Main fuse

Connector station E-box, plenum chamber

4-Pin Relay Carrier with threaded connection
Fuse Colors

- 30 A - Green
- 25 A - White
- 20 A - Yellow
- 15 A - Blue
- 10 A - Red
- 7.5 A - Orange
- 5 A - Beige

Fuse in fusebox from 23 onwards are numbered 223 onwards in Current Flow Diagram.

Relay Location:

- 3 - Horn Relay
- 6 - Load Reduction Relay
Ground connections

T4k - 4-Pin Connector, black, near front bumper

3 - Ground strap, engine to body
12 - Ground connection, in engine compartment, left
44 - Ground connection (lower left A-pillar)
50 - Ground connection, in luggage compartment, left
78 - Ground connection (lower right B-pillar)
83 - Ground connection -1-, in right front wiring harness
86 - Ground connection -1-, in rear wiring harness

179 - Ground connection, in left headlight wiring harness
249 - Ground connection -2-, in wiring harness interior
345 - Ground connection (in bumper wiring harness), Fanfare/Fog light
347 - Ground connection (in roof wiring harness)
Ground connections

T10c - 10-Pin Connector, violet, connector station A-pillar, left

32 - Ground connection, behind instrument panel, left
43 - Ground connection (lower right A-pillar)
44 - Ground connection (lower left A-pillar)
81 - Ground connection -1-, in instrument panel wiring harness
135 - Ground connection -2-, in instrument panel wiring harness
176 - Ground connection, in right headlight wiring harness

238 - Ground connection -1-, in wiring harness interior
261 - Ground connection, in wiring harness heated spray jet
Audi A4

Wiring diagram

Ignition/Starter Switch, main fuse

A - Battery
B - Starter
D - Ignition/Starter Switch
S88 - Fuse Strip (main fuse)
T1 - 1-Pin Connector, black, engine compartment, right
T10a - 10-Pin Connector, brown, connector station E-box, plenum chamber

11 - Ground connection, in battery box
500 - Threaded connection -1- (30), on the relay plate
501 - Threaded connection -2- (30), on the relay plate

A2 - Plus connection (15), in instrument panel wiring harness
A21 - Wire connection (86s), in instrument panel wiring harness
A32 - Plus connection (30), in instrument panel wiring harness
A33 - Wire connection (75), in instrument panel wiring harness

rs = pink
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
ge = yellow
or = orange

Edition 12/01
W42.USA.5504.02.21
Steering Column Electronic Systems Control Module, Cruise Control

E45 - Cruise Control Switch
J... - Engine Control Module (ECM)
J527 - Steering Column Electronic Systems Control Module
T16a - 16-Pin Connector, black, on steering Column Electronic Systems Control Module
T17e - 17-Pin Connector, white, connector station E-box, plenum chamber

135 - Ground connection -2-, in instrument panel wiring harness
A2 - Plus connection (15), in instrument panel wiring harness
A21 - Wire connection (86s), in instrument panel wiring harness
E2  -  Turn signal switch
E22 -  Windshield Wiper/Washer Switch
G85 -  Steering Angle Sensor
H   -  Signal horn activation
J527 - Steering Column Electronic Systems Control Module

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
ge = yellow
or = orange
Vehicle Electrical System Control Module, steering Column Electronic Systems Control Module, windshield Wiper Motor, Washer Pump

- J 519 - Vehicle Electrical System Control Module
- J 527 - Steering Column Electronic Systems Control Module
- T 1a - 1-Pin Connector, black, connector station A-pillar, left
- T 10b - 10-Pin Connector, black, on vehicle Electrical System Control Module
- T 10c - 10-Pin Connector, violet, connector station A-pillar, left
- T 16a - 16-Pin Connector, black, on steering Column Electronic Systems Control Module
- T 17 - 17-Pin Connector, black, connector station A-pillar, left
- T 23 - 23-Pin Connector, black, on vehicle Electrical System Control Module
- T 32b - 32-Pin Connector, grey, on vehicle Electrical System Control Module

- V - Windshield Wiper Motor
- V 5 - Windshield Washer Pump
- V 11 - Headlight Washer Pump

- 44 - Ground connection (lower left A-pillar)
- 135 - Ground connection -2-, in instrument panel wiring harness
- 261 - Ground connection, in wiring harness heated spray jet
- A 146 - Comfort System High-bus Connection (in instrument panel wiring harness)
- A 147 - Comfort System Low-bus Connection (in instrument panel wiring harness)
Audi A4

Wiring diagram

No. 2/9

E1 - Light switch
E23 - Fog Light Switch
E102 - Headlight Adjuster
J 519 - Vehicle Electrical System Control Module
T32b - 32-Pin Connector, grey, on vehicle Electrical System Control Module

135 - Ground connection -2-, in instrument panel wiring harness
238 - Ground connection -1-, in wiring harness interior
A3 - Plus connection (58), in instrument panel wiring harness
A51 - Wire connection (56), in instrument panel wiring harness
A114 - Wire connection (headlight Adjuster), in instrument panel wiring harness

* - Not applicable to USA/CDN
J 519 - Vehicle Electrical System Control Module
L1 - Twin filament bulb for headlight, left
L22 - Left Front Fog Light
L1 - Left Parking Light
M5 - Left Front Turn Signal Light
M18 - Left Side Turn Signal Light
T4K - 4-Pin Connector, black, near front bumper
T17 - 17-Pin Connector, black, connector station A-pillar, left
T17A - 17-Pin Connector, red, connector station A-pillar, left
T23 - 23-Pin Connector, black, on vehicle Electrical System Control Module
T32B - 32-Pin Connector, grey, on vehicle Electrical System Control Module
V48 - Left Headlight Beam Adjusting Motor*

* - Not applicable to USA/CDN

179 - Ground connection, in left headlight wiring harness
345 - Ground connection (in bumper wiring harness), Fanfare/Fog light
A6 - Plus connection (left turn signal), in instrument panel wiring harness
A181 - Left Turn Signal Plus Connection -2- (in instrument panel wiring harness)
E117 - Connector (56a left), in instrument panel wiring harness

ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
ge = yellow
or = orange

Left headlight, left Fog Light
**Wiring diagram**

J 519 - Vehicle Electrical System Control Module
L2 - Twin filament bulb for headlight, right
L23 - Right Front Fog Light
M 3 - Right Parking Light
M 7 - Right Front Turn Signal Light
M 19 - Right Side Turn Signal Light
T4k - 4-Pin Connector, black, near front bumper
T17 - 17-Pin Connector, black, connector station A-pillar, left
T17c - 17-Pin Connector, red, connector station A-pillar, right
T23 - 23-Pin Connector, black, on vehicle Electrical System Control Module
T32b - 32-Pin Connector, grey, on vehicle Electrical System Control Module
V49 - Right Headlight Beam Adjusting Motor*

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- Ground connection, in right headlight wiring harness
- Ground connection, in bumper wiring harness, Fanfare/Fog light
- Plus connection (right turn signal), in instrument panel wiring harness
- Wire connection (58R), in instrument panel wiring harness
- Right Turn Signal Plus Connection -2- (in instrument panel wiring harness)
- Connector (56a, right), in instrument panel wiring harness
- Not applicable to USA/CDN

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Edition 08/01
W42.USA.5504.01.21

Right headlight, right Fog Light
Audi A4

Wiring diagram

E229 - Switch for emergency flasher
G213 - Rain Sensor
H2 - High Tone Horn
H7 - Low Tone Horn
J 4 - Horn Relay
J 519 - Vehicle Electrical System Control Module
T4k - 4-Pin Connector, black, near front bumper
T17a - 17-Pin Connector, red, connector station A-pillar, left
T17f - 17-Pin Connector, orange, connector station A-pillar, left
T32b - 32-Pin Connector, grey, on vehicle Electrical System Control Module

135 - Ground connection -2-, in instrument panel wiring harness
179 - Ground connection, in left headlight wiring harness
345 - Ground connection (in bumper wiring harness), Fanfare/Fog light
347 - Ground connection (in roof wiring harness)
A90 - Connector (two-tone horn), in instrument panel wiring harness
B260 - Connector (emergency flasher), in wiring harness interior
E112 - Connector (Horn-87h) in instrument panel wiring harness
X66 - Horn Connection (in front bumper wiring harness)

Edition 08/01
W42.USA.5504.01.21
Switch for emergency flasher, two-tone horn, rain Sensor, vehicle Electrical System Control Module
**F** - Brake Light Switch

**J 59** - Load Reduction Relay

**J 519** - Vehicle Electrical System Control Module

**S236** - Fuse in fuse holder

**S237** - Fuse in fuse holder

**T10a** - 10-Pin Connector, brown, connector station E-box, plenum chamber

**T10b** - 10-Pin Connector, black, on vehicle Electrical System Control Module

**T32b** - 32-Pin Connector, grey, on vehicle Electrical System Control Module

**A154** - Wire connection (Brake Light Switch), in instrument panel wiring harness

**A104** - Plus connector -2-, in instrument panel wiring harness

**A104** - Wire connection (54), in instrument panel wiring harness

**A104** - Wire connection (75x), in instrument panel wiring harness

**A34** - Plus connection -3- (30), in instrument panel wiring harness
Ashtray Light, cigarette Lighter, fuses, radio connector III

- L15 - Ashtray Light
- L28 - Cigarette Lighter Light
- S12 - Fuse in fuse holder/relay panel
- S13 - Fuse in fuse holder/relay panel
- S14 - Fuse in fuse holder/relay panel
- S15 - Fuse in fuse holder/relay panel
- S233 - Fuse in fuse holder
- S239 - Fuse in fuse holder
- S240 - Fuse in fuse holder
- T8 - 8-Pin Connector, black, radio connector III
- U1 - Cigarette Lighter

Ground connection -2-, in instrument panel wiring harness
Ground connection -1-, in wiring harness interior
Ground connection (Audio) (under center console, front)
Plus connection (30-from radio), in instrument panel wiring harness
Plus connection (30as), in instrument panel wiring harness
Plus connection -3- (30), in instrument panel wiring harness
Wire connection (quiet switch), in instrument panel wiring harness

Edition 12/01
W42.USA.5504.02.21
Glove Compartment Light, left Footwell Light, right Footwell Light, heated rear window

C18 - Windshield Antenna Suppression Filter
E26 - Glove compartment light
E87 - A/C Control Head
J393 - Central control module for comfort system
S2 - Fuse in fuse holder/relay panel
S226 - Fuse in fuse holder
T12d - 12-Pin Connector, brown, near glove Compartment
T17d - 17-Pin Connector, red, connector station E-box, plenum chamber
W6 - Glove Compartment Light
W9 - Left Footwell Light
W10 - Right Footwell Light
Z1 - Heated rear window

73 - Ground connection, on roof bow, rear
238 - Ground connection -1-, in wiring harness interior
A29 - Wire connection (interior light), in instrument panel wiring harness
A87 - Connector (reverse lamp), in instrument panel wiring harness
B180 - Connection (heated rear window), in wiring harness interior
B248 - Heated Rear Window Connection -2- (in interior wiring harness)

Edition 12/01
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F4 - Back-Up Light Switch
S3 - Fuse in fuse holder/relay panel
S5 - Fuse in fuse holder/relay panel
S7 - Fuse in fuse holder/relay panel
S231 - Fuse in fuse holder
S235 - Fuse in fuse holder
T10a - 10-Pin Connector, brown, connector station
T10c - 10-Pin Connector, violet, connector station
U - Socket
Z20 - Left Washer Nozzle Heater
Z21 - Right Washer Nozzle Heater

249 - Ground connection -2-, in wiring harness interior
261 - Ground connection, in wiring harness heated spray jet
A20 - Wire connection (15a), in wiring harness heated spray jet
A52 - Plus connection -2- (30), in wiring harness heated spray jet
A70 - Connector (15a, fuse 231), in wiring harness heated spray jet
A74 - Connector (15a, fuse 5), in wiring harness heated spray jet

- Only heated spray jets

Fuses, Socket, heated spray jet
C - Generator (GEN)
F1 - Oil Pressure Switch
F34 - Brake Fluid Level Warning Switch
G5 - Tachometer
G21 - Speedometer
G22 - Speedometer Vehicle Speed Sensor
J... - Engine Control Module (ECM)
J 234 - Airbag Control Module
J 285 - Control module with indicator unit in instrument panel insert
K2 - Generator (GEN) Warning Light
K75 - Airbag Malfunction Indicator Lamp (MIL)
T2 - Double Connector, black, engine compartment, right
T10 - 10-Pin Connector, black, connector station E-box, plenum chamber
T10c - 10-Pin Connector, violet, connector station A-pillar, left
T17d - 17-Pin Connector, red, connector station E-box, plenum chamber
T32a - 32-Pin Connector, green, on instrument panel insert
K2 - Generator (GEN) Warning Light
K75 - Airbag Malfunction Indicator Lamp (MIL)
T2 - Double Connector, black, engine compartment, right
T10 - 10-Pin Connector, black, connector station E-box, plenum chamber

Control module with indicator unit in instrument panel insert
Audi A4

Wiring diagram

No. 2/20

J 285 - Control module with indicator unit in instrument panel insert
J 489 - Radio Frequency Controlled Clock Receiver
L 50 - Rear Center Ashtray Light
L 67 - Left Instrument Panel Vent Illumination
L 68 - Center Instrument Panel Vent Illumination
L 69 - Right Instrument Panel Vent Illumination
L 120 - Storage Compartment Illumination
L 121 - Cup Holder Illumination
L 122 - Coin Holder Illumination
T 4m - 4-Pin Connector, black, on instrument panel insert
T 32a - 32-Pin Connector, green, on instrument panel insert
Y 8 - Radio Frequency Controlled Clock

81 - Ground connection -1-, in instrument panel wiring harness
238 - Ground connection -1-, in wiring panel interior
A 175 - Wire connection (58s), in instrument panel wiring harness

Control module with indicator unit in instrument panel insert, Instrument Panel Vent Illumination, radio Frequency Controlled Clock

Edition 12/01

W 42. USA. 5504.02.21
Brake Pad Wear Sensor, control module with indicator unit in instrument panel insert, Data Link Connector (DLC)

G34 - Left Front Brake Pad Wear Sensor
G35 - Right Front Brake Pad Wear Sensor
J104 - ABS Control Module (w/EDL)
J285 - Control module with indicator unit in instrument panel insert
T4n - 4-Pin Connector, black, left front
T4o - 4-Pin Connector, black, right front
T16 - 16-Pin Data Link Connector (DLC), black, under instrument panel, left
T17b - 17-Pin Connector, green, connector station A-pillar, left
T32a - 32-Pin Connector, green, on instrument panel insert

135 - Ground connection -2-, in instrument panel wiring harness
179 - Ground connection, in left headlight wiring harness
A76 - Wire connection (K-diagnosis wire), in instrument panel wiring harness

rs = pink
ws = white
sw = black
ro = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
ge = yellow
or = orange

Edition 12/01
W42.USA.5504.02.21