

Audi A4

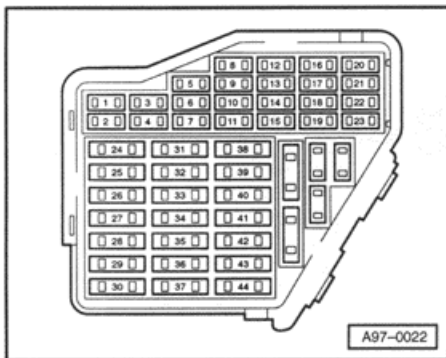
Wiring diagram

No. 57

1.8l-Motronic Engine, 4-Cylinder, Code ABE

1999 m. y.

Fuse Panel :

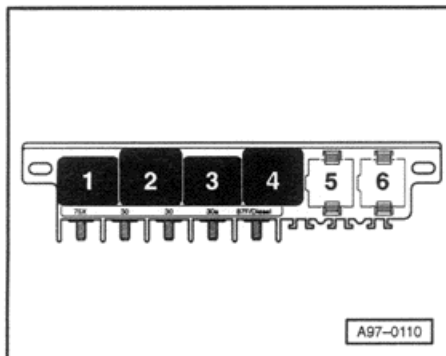


Fuse Colors :

- 30 A - Green
- 25 A - White
- 20 A - Yellow
- 15 A - Blue
- 10 A - Red

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

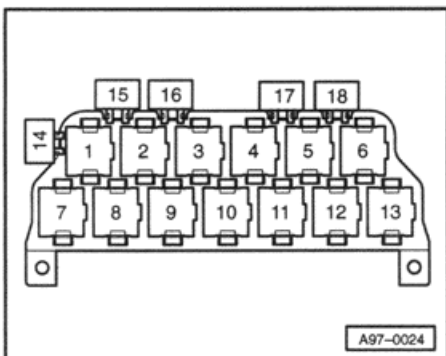
Micro Central Electric :



Relay Location :

- 4** - Fuel Pump (FP) Relay

13-way Relay Carrier:



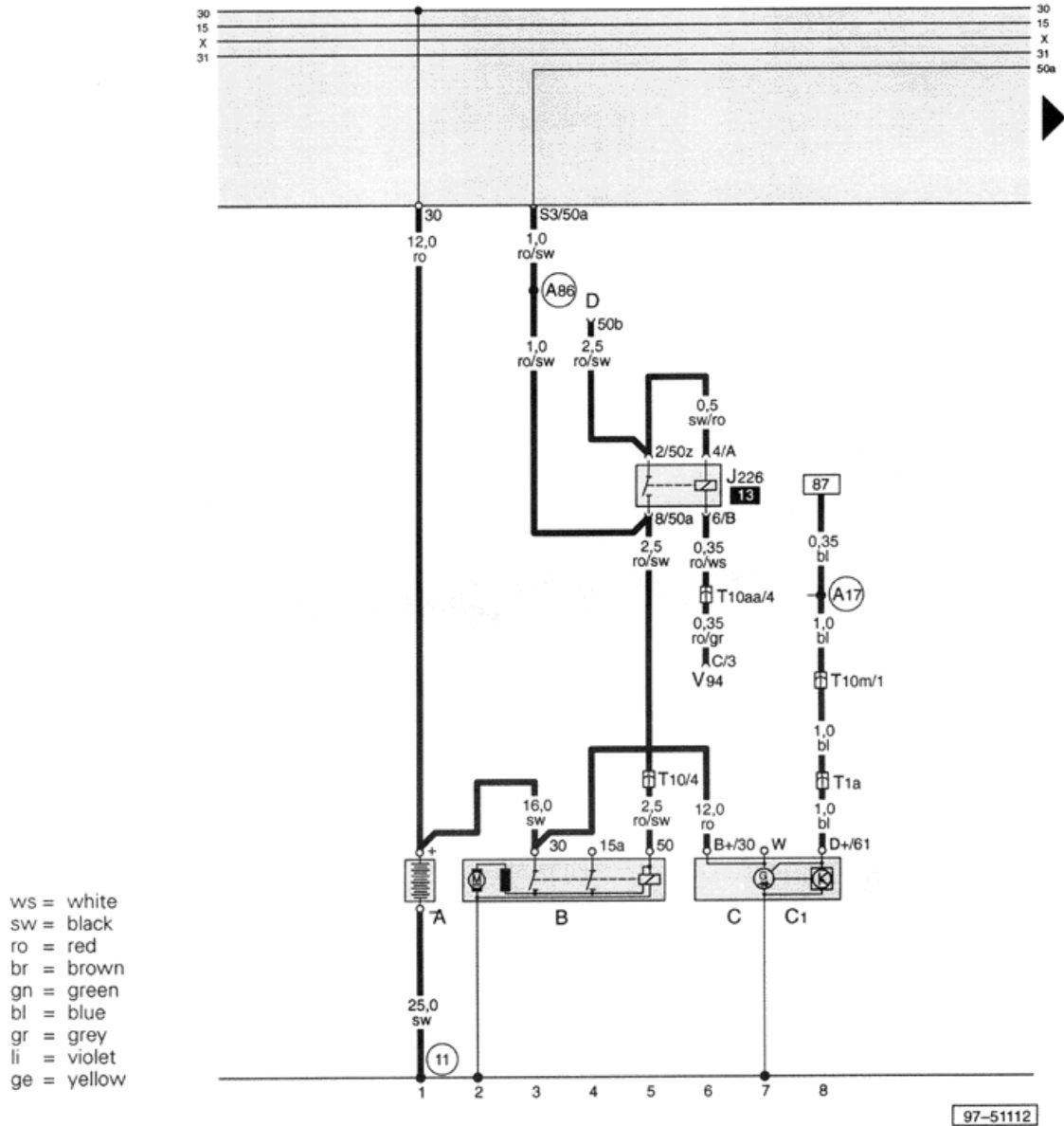
Relay Location :

- 13** - Park / Neutral Position (PNP) Relay

No. 57/1

Wiring diagram

Audi A4



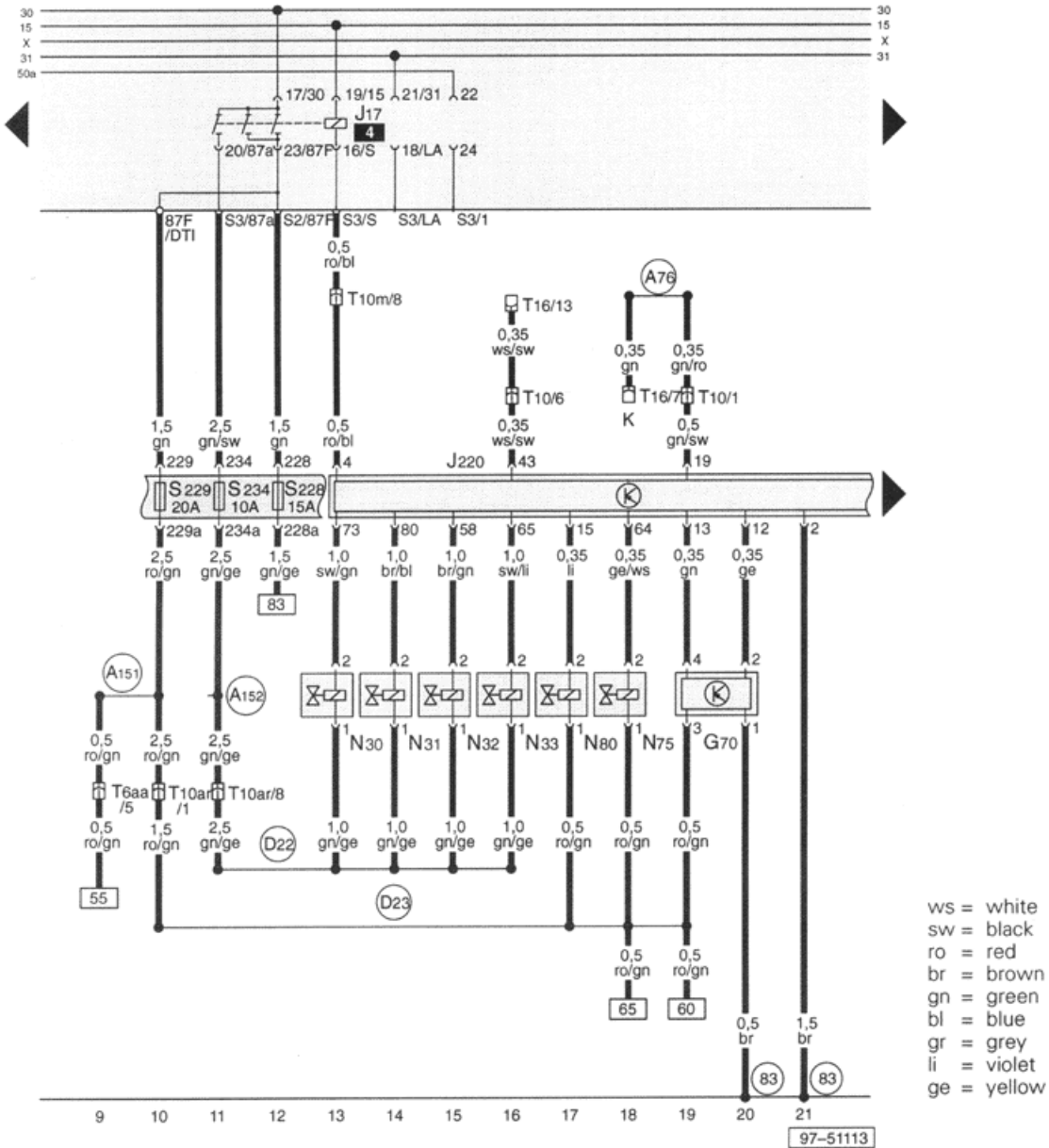
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = violet
- ge = yellow

- A - Battery
- B - Starter
- C - Generator (GEN)
- C1 - Voltage Regulator (VR)
- J226 - Park / Neutral Position (PNP) Relay
- T1a - Wire Connector, single, blue, in engine compartment
- T10 - Wire Connector, 10 Point brown, connector station, electronics box in plenum chamber
- T10m - Wire Connector, 10 Point, black, connector station, electronics box in plenum chamber
- T10aa - Wire Connector, 10 Point, orange, connector station left, A-pillar
- V94 - Central Locking / Alarm System / Interior Light Delay Control Module
- (11) - Ground connection, in battery box
- (A17) - Wire connection (61), in instrument panel wiring harness
- (A86) - Connector (50a), in instrument panel wiring harness

Audi A4

Wiring diagram

No. 57/2



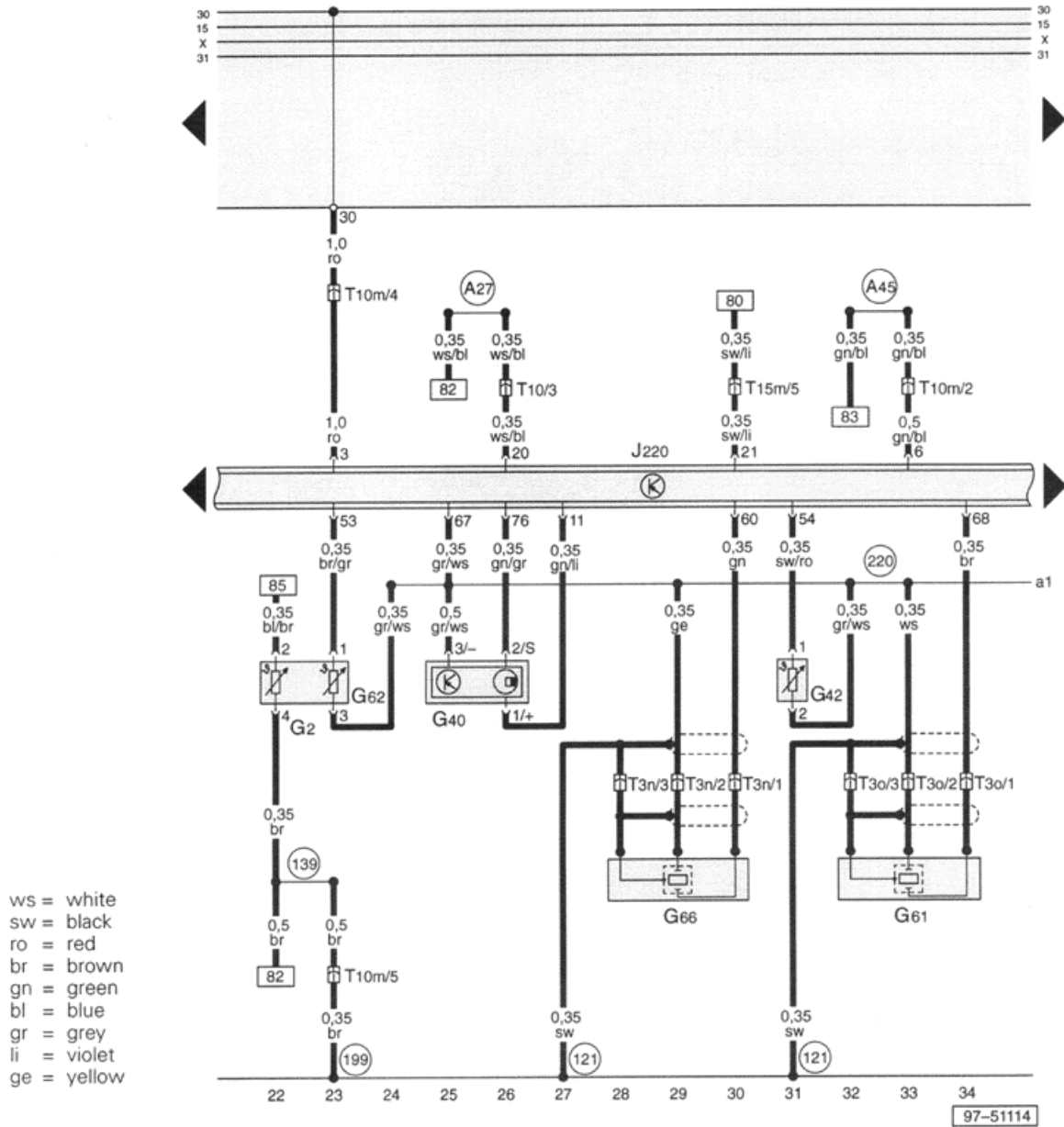
- G70 - Mass Air Flow (MAF) Sensor
- J17 - Fuel Pump (FP) Relay
- J220 - Motronic Engine Control Module (ECM)
- N30 - Injector, Cyl. 1
- N31 - Injector, Cyl. 2
- N32 - Injector, Cyl. 3
- N33 - Injector, Cyl. 4
- N75 - Wastegate Bypass Regulator Valve
- N80 - Evaporative Emission (EVAP) Canister Purge Regulator Valve
- T6aa - Wire Connector, 6 Point, brown, connector station right, A-pillar
- T10 - Wire Connector, 10 Point brown, connector station, electronics box in plenum chamber
- T10m - Wire Connector, 10 Point, black, connector station, electronics box in plenum chamber

- T10ar - Wire Connector, 10 Point, orange, connector station, electronics box in plenum chamber
- T16 - Wire Connector, 16 Point, center console, rear (diagnostic connection)
- (83) - Ground connection -1-, in right front wiring harness
- (A76) - Connector (K-diagnosis wire), in instrument panel wiring harness
- (A151) - Connector -4- (87), in instrument panel wiring harness
- (A152) - Connector -4- (87), in instrument panel wiring harness
- (D22) - Connector (over fuse 234), in wiring harness front, right
- (D23) - Connector (over fuse 229), in wiring harness front, right

No. 57/3

Wiring diagram

Audi A4



ws = white
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 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

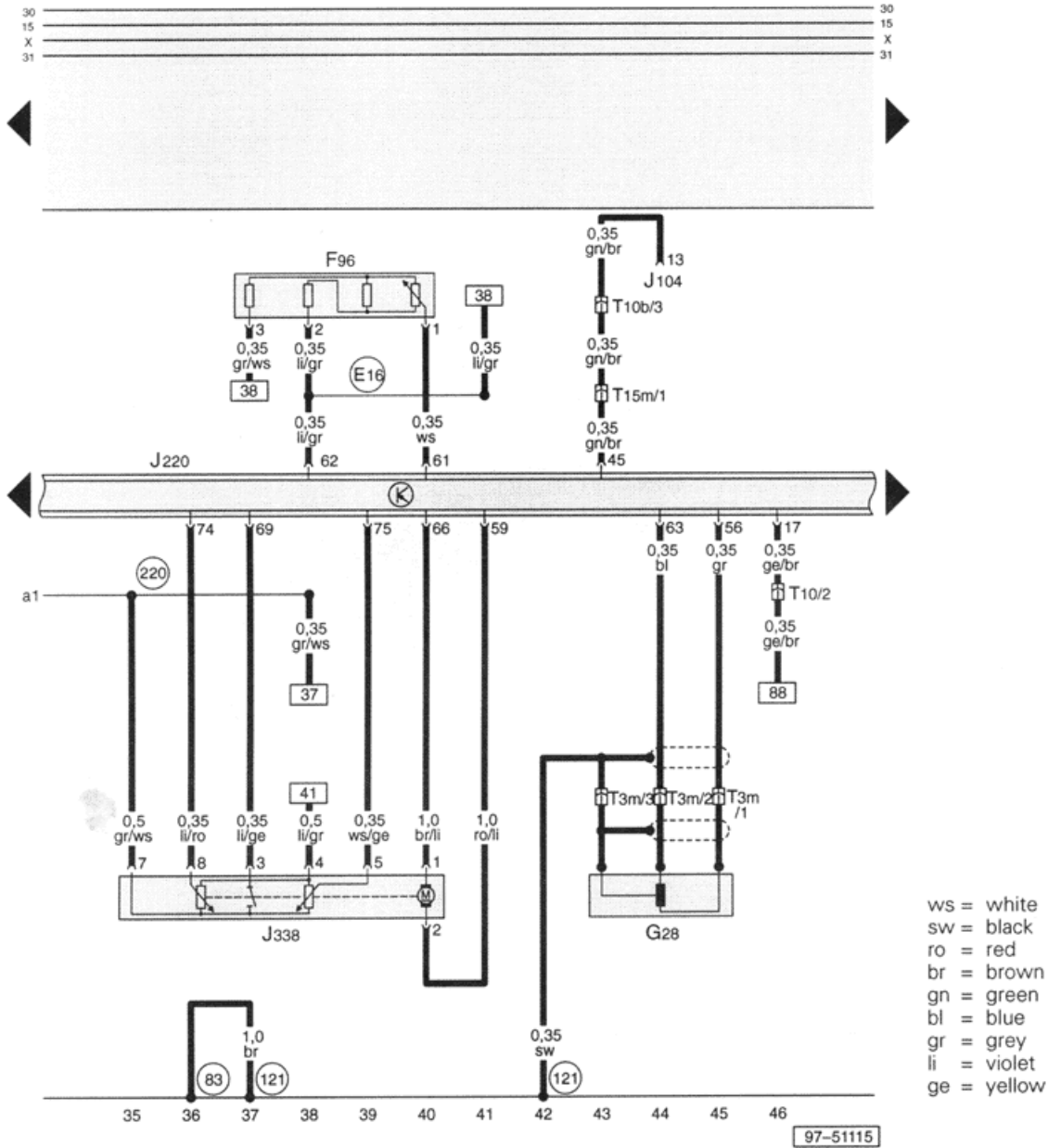
- G2 - Engine Coolant Temperature (ECT) Sensor
- G40 - Camshaft Position (CMP) Sensor
- G42 - Intake Air Temperature (IAT) Sensor
- G61 - Knock Sensor (KS) 1
- G62 - Engine Coolant Temperature (ECT) Sensor
- G66 - Knock Sensor (KS) 2
- J220 - Motronic Engine Control Module (ECM)
- T3n - Wire Connector, 3 Point, blue, in engine compartment, left
- T3o - Wire Connector, 3 Point, blue, in engine compartment, right
- T10 - Wire Connector, 10 Point brown, connector station, electronics box in plenum chamber
- T10m - Wire Connector, 10 Point, black, connector station, electronics box in plenum chamber
- T15m - Wire Connector, 15 Point, red, connector station, electronics box in plenum chamber

- (121) - Ground connection -2-, in right front wiring harness
- (139) - Ground connection (sensor ground), in Motronic Multiport Fuel Injection (MFI) wiring harness
- (199) - Ground connection -3-, in right front wiring harness
- (220) - Ground connection (sensor ground), in engine compartment wiring harness
- (A27) - Wire connection (vehicle speed signal), in instrument panel wiring harness
- (A45) - Wire connection (RPM-signal), in instrument panel wiring harness

Audi A4

Wiring diagram

No. 57/4



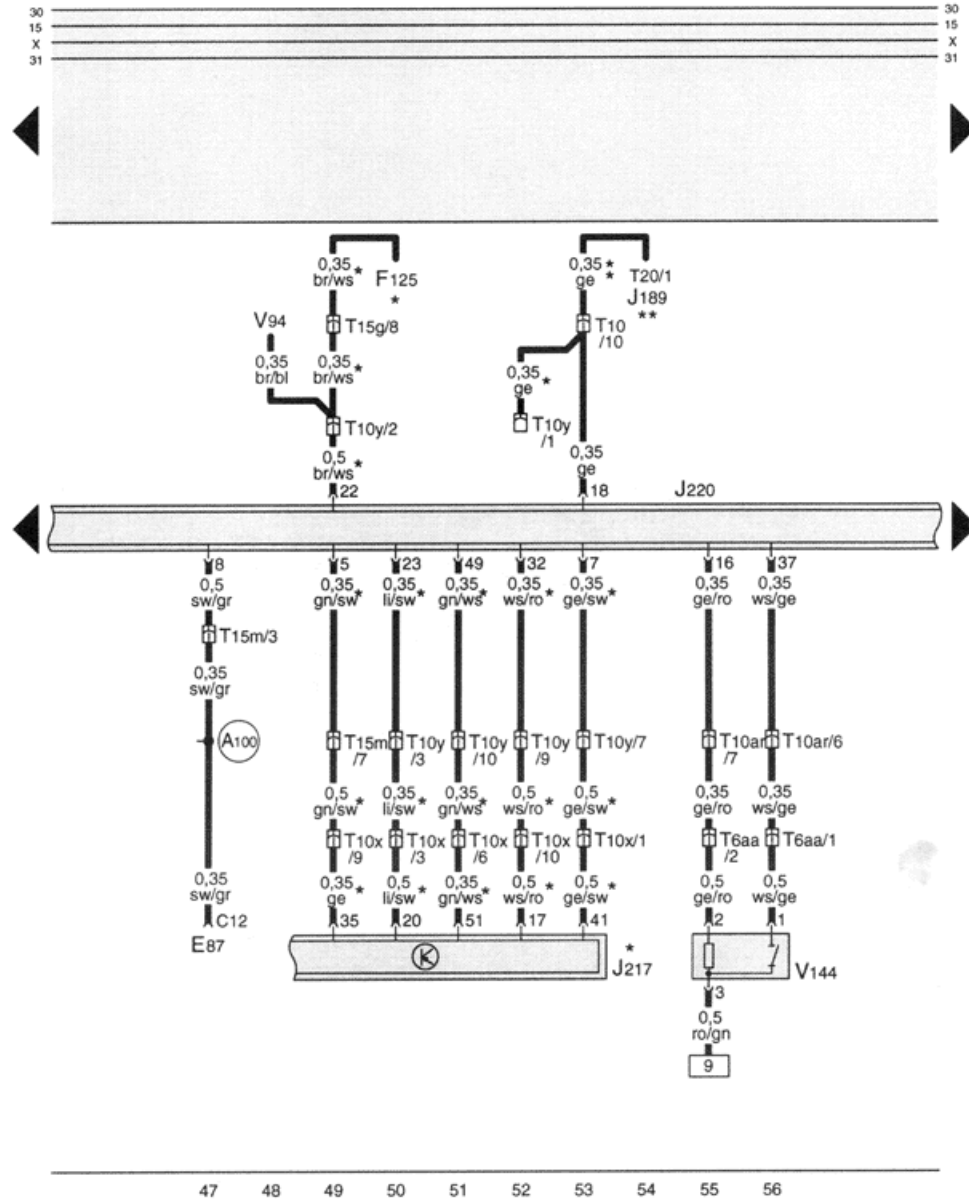
- F96 - Barometric Pressure (BARO) Sensor
- G28 - Engine Speed (RPM) Sensor
- J104 - ABS Control Module (w/EDL)
- J220 - Motronic Engine Control Module (ECM)
- J338 - Throttle Valve Control Module
- T3m - Wire Connector, 3 Point, grey, in engine compartment, left
- T10 - Wire Connector, 10 Point brown, connector station, electronics box in plenum chamber
- T10b - Wire Connector, 10 Point, orange, connector station left, A-pillar
- T15m - Wire Connector, 15 Point, red, connector station, electronics box in plenum chamber

- (83) - Ground connection -1-, in right front wiring harness
- (121) - Ground connection -2-, in right front wiring harness
- (220) - Ground connection (sensor ground), in engine compartment wiring harness
- (E16) - Plus connection (5 Volts), in Motronic Multiport Fuel Injection (MFI) wiring harness

No. 57/5

Wiring diagram

Audi A4



ws = white
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ro = red
br = brown
gn = green
bl = blue
gr = grey
li = violet
ge = yellow

97-51116

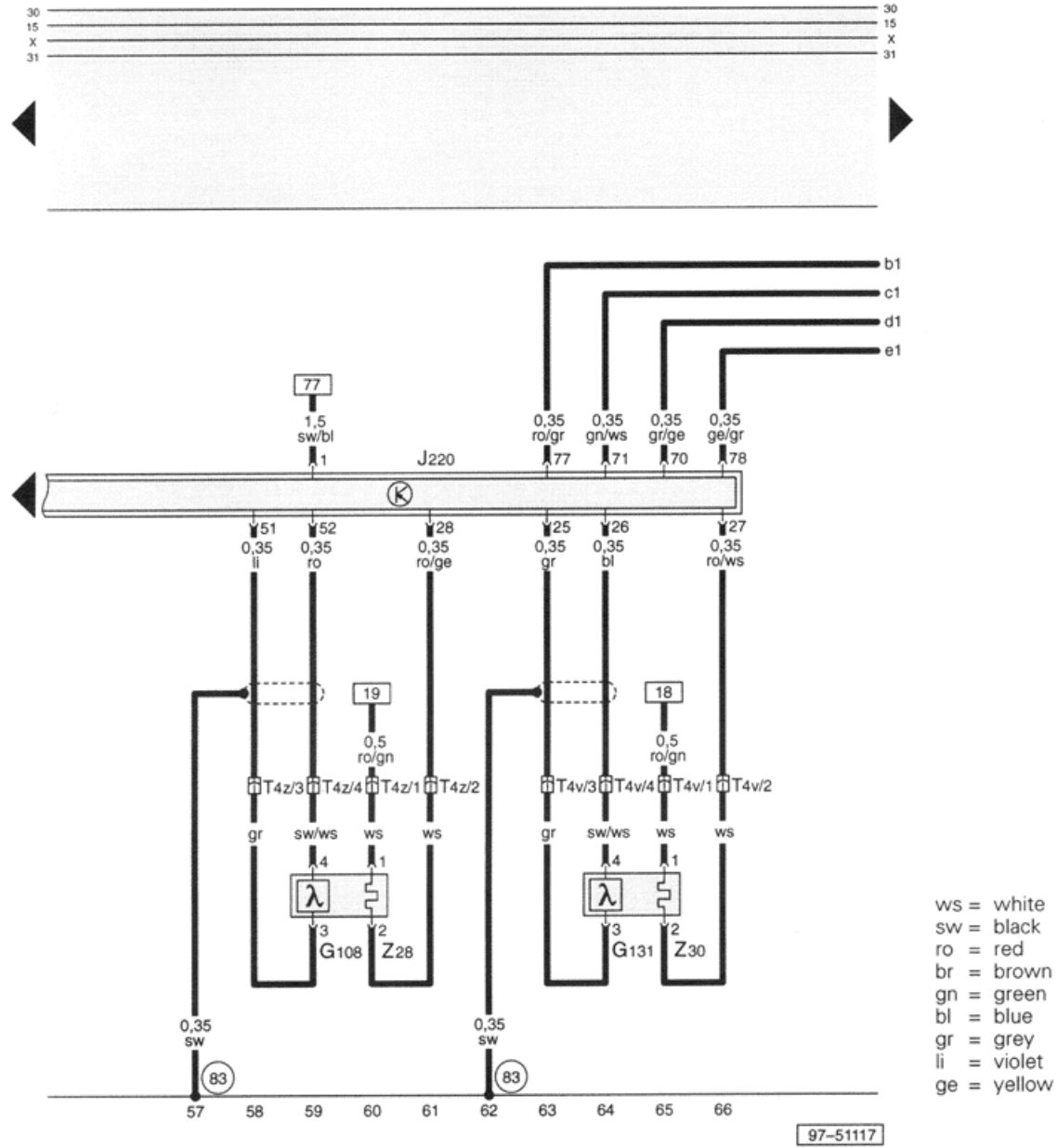
- E87 - A/C Control Head
- F125 - Multi-Function Transmission Range (TR) Switch
- J189 - Auto Check System
- J217 - Transmission Control Module (TCM)
- J220 - Motronic Engine Control Module (ECM)
- T6aa - Wire Connector, 6 Point, brown, connector station right, A-pillar
- T10 - Wire Connector, 10 Point, brown, connector station, electronics box in plenum chamber
- T10x - Wire Connector, 10 Point, darkbrown, connector station right, A-pillar
- T10y - Wire Connector, 10 Point, blue, connector station, electronics box in plenum chamber
- T10ar - Wire Connector, 10 Point, orange, connector station, electronics box in plenum chamber

- T15g - Wire Connector, 15 Point, brown, connector station right, A-pillar
- T15m - Wire Connector, 15 Point, red, connector station, electronics box in plenum chamber
- T20 - Wire Connector, 20 Point, black, on instrument cluster
- V94 - Central Locking / Alarm System / Interior Light Delay Control Module
- V144 - Diagnosis pump for fuel system
- A100 - Connector -2- (87), in instrument panel wiring harness
- * - Automatic Transmission Only
- ** - ACS and Trip Computer Only

Audi A4

Wiring diagram

No. 57/6

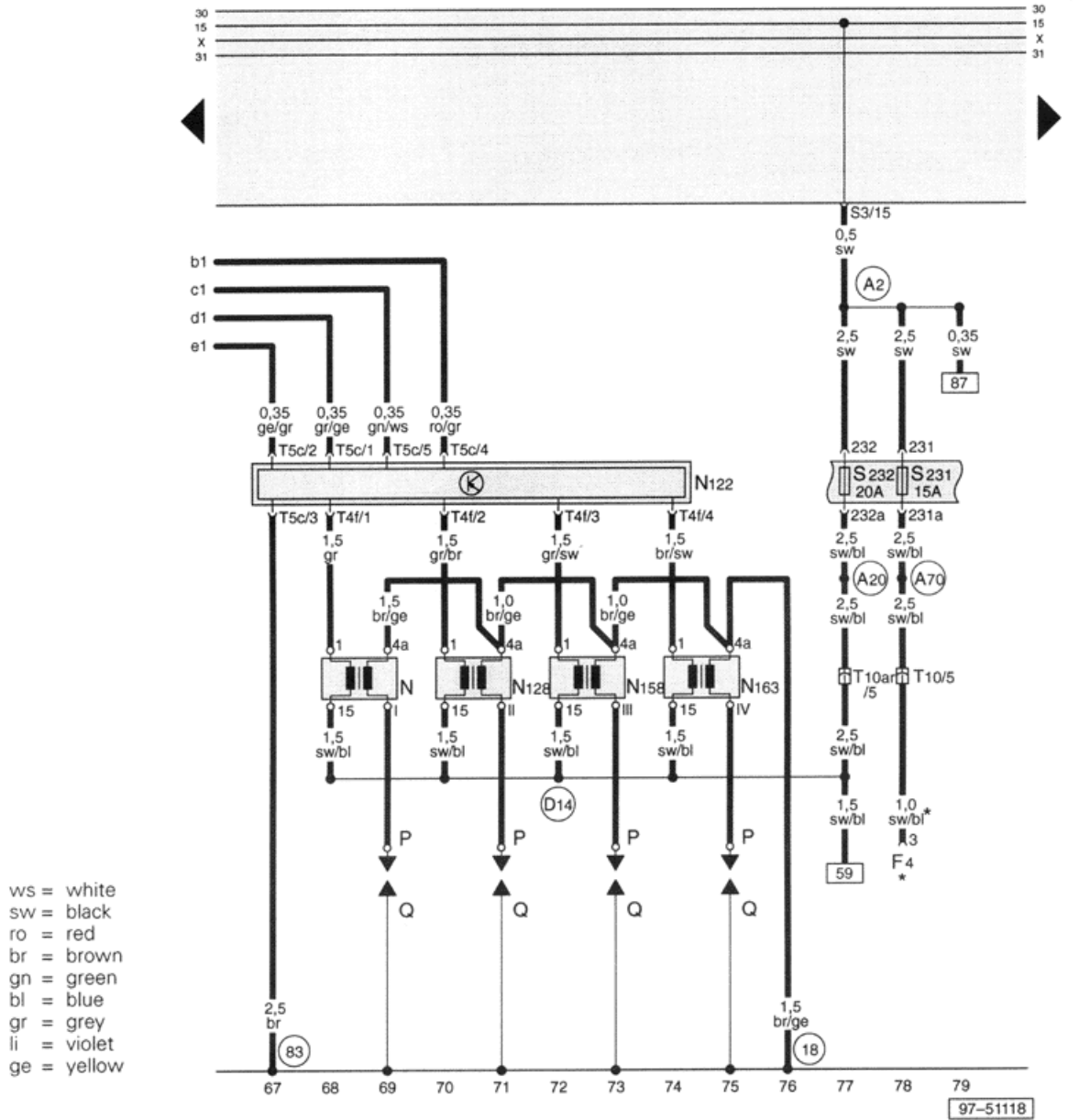


- G108 - Heated Oxygen Sensor (HO2S) 2
- G131 - Oxygen Sensor (OS2) 2 Behind Three Way Catalytic Converter (TWC)
- J220 - Motronic Engine Control Module (ECM)
- T4v - Wire Connector, 4 Point, brown, in engine compartment, left
- T4z - Wire Connector, 4 Point, black, in engine compartment, left
- Z28 - Oxygen Sensor (O2S) 2 Heater
- Z30 - Heater for Lambda-probe 2
- (83) - Ground connection -1-, in right front wiring harness

No. 57/7

Wiring diagram

Audi A4



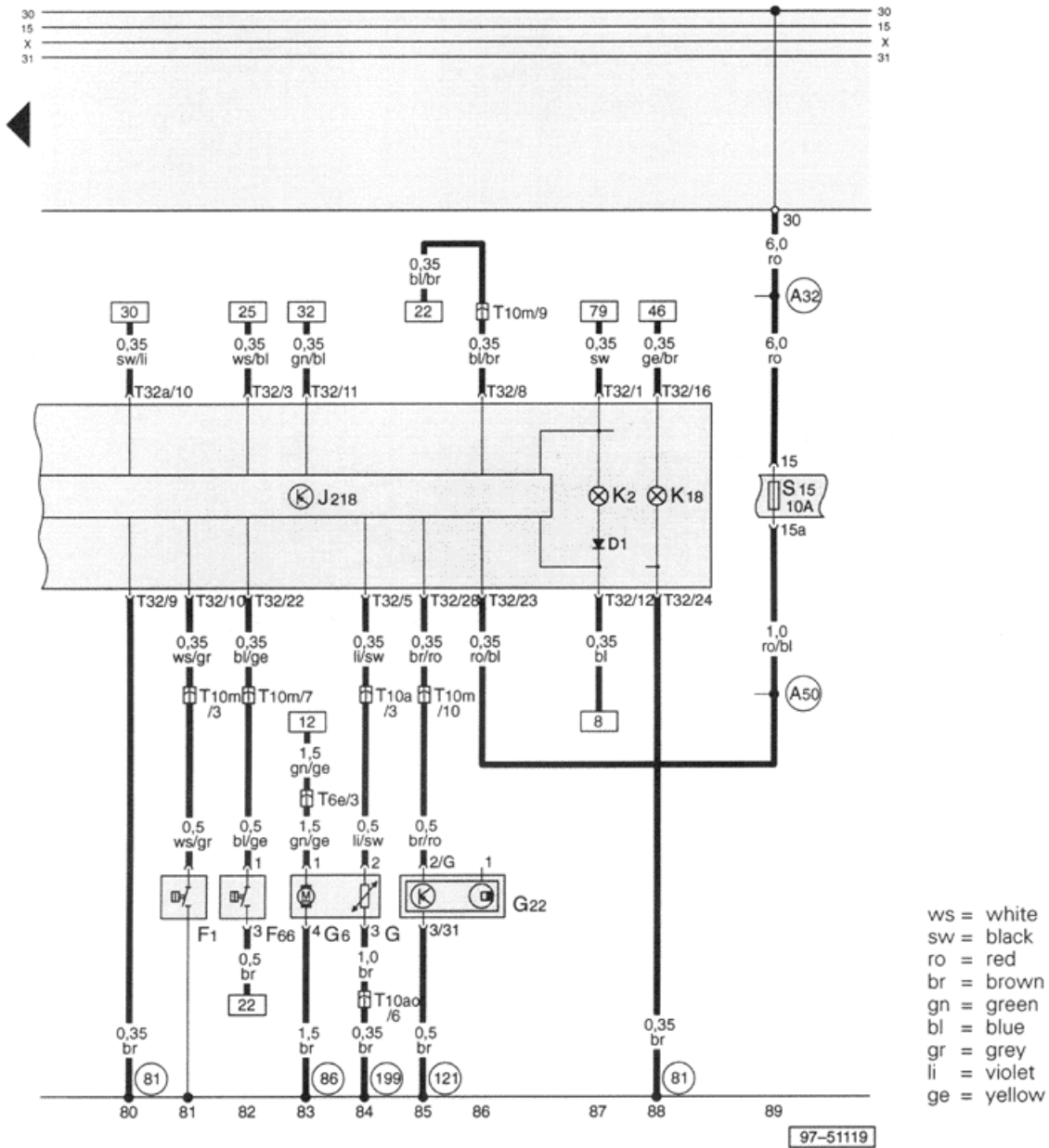
- F4 - Back-Up Light Switch
- N - Ignition Coil
- N122 - Power Output Stage
- N128 - Ignition Coil 2
- N158 - Ignition Coil 3
- N163 - Ignition Coil 4
- P - Spark Plug Connector
- Q - Spark Plugs
- T4f - Wire Connector, 4 Point, black, on Power Output Stage
- T5c - Wire Connector, 5 Point, black, on Power Output Stage
- T10 - Wire Connector, 10 Point, brown, connector station, electronics box in plenum chamber
- T10ar - Wire Connector, 10 Point, orange, connector station, electronics box in plenum chamber

- 18 - Ground connection, on engine block
- 83 - Ground connection -1-, in right front wiring harness
- A2 - Plus connection (15), in instrument panel wiring harness
- A20 - Wire connection (15a), in instrument panel wiring harness
- A70 - Connector (15a, fuse 231), in instrument panel wiring harness
- D14 - Wire connection (ignition coil - control module), in right front wiring harness
- * - Manual Transmission Only

Audi A4

Wiring diagram

No. 57/8



- F1 - Oil Pressure Switch
- F66 - Engine Coolant Level (ECL) Warning Switch
- G - Fuel Level Sensor
- G6 - Fuel Pump (FP)
- G22 - Speedometer Vehicle Speed Sensor (VSS)
- J218 - Instrument Cluster Combination Processor
- K2 - Headlight High Beam Indicator Light
- K18 - Trailer Operation Indicator Light
- T6e - Wire Connector, 6 Point, blue, connector station left, A-pillar
- T10a - Wire Connector, 10 Point, brown, connector station left, A-pillar
- T10m - Wire Connector, 10 Point, black, connector station, electronics box in plenum chamber
- T10ao - Wire Connector, 10 Point, white, connector station left, A-pillar

- T32 - Wire Connector, 32 Point, blue, on instrument cluster
- T32a - Wire Connector, 32 Point, green, on instrument cluster
- 81 - Ground connection -1-, in instrument panel wiring harness
- 86 - Ground connection -1-, in rear wiring harness
- 121 - Ground connection -2-, in right front wiring harness
- 199 - Ground connection -3-, in instrument panel wiring harness
- A32 - Plus connection (30), in instrument panel wiring harness
- A50 - Plus connection (30as), in instrument panel wiring harness