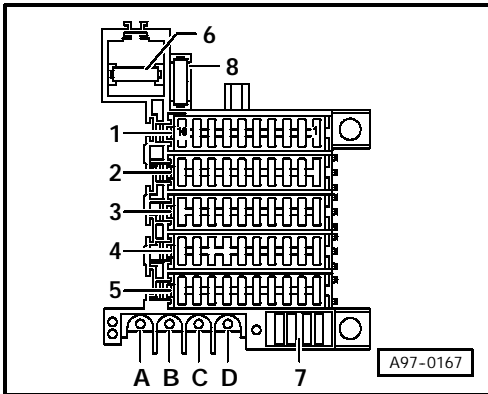


(4,2 I - Injection Engine, 8-Cylinder), Code AUX, AYS

2002 m. y.

Fuse Panel

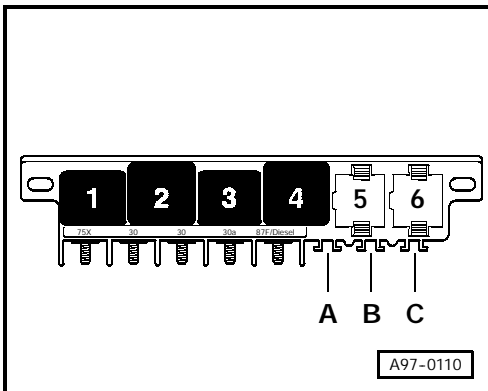


Fuse Colors:

- 30 A - Green
- 25 A - White
- 20 A - Yellow
- 15 A - Blue
- 10 A - Red
- 7,5 A - Brown
- 5 A - Beige

- 1 - Fuse Carrier 1 (ST1), black
- 2 - Fuse Carrier 2 (ST2), red
- 3 - Fuse Carrier 3 (ST3), yellow
- 4 - Fuse Carrier 4 (ST4), blue
- 5 - Fuse Carrier 5 (ST5), brown
- 6 - Fuse for secondary air pump, S130
- 7 - Spare Fuse
- 8 - Coolant Fan Fuse, S42
- A, B, C, D-Distributor Terminal

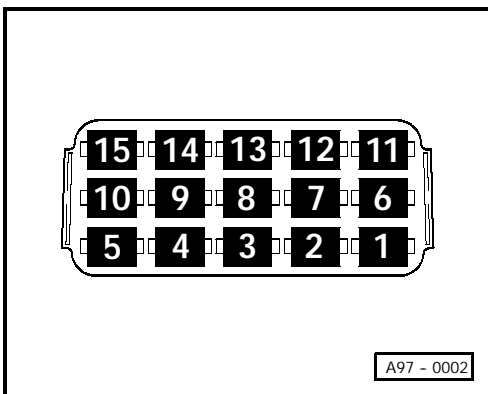
Micro Central Electric Panel



Relay Location:

- 4** -Fuel Pump (FP) Relay, J17

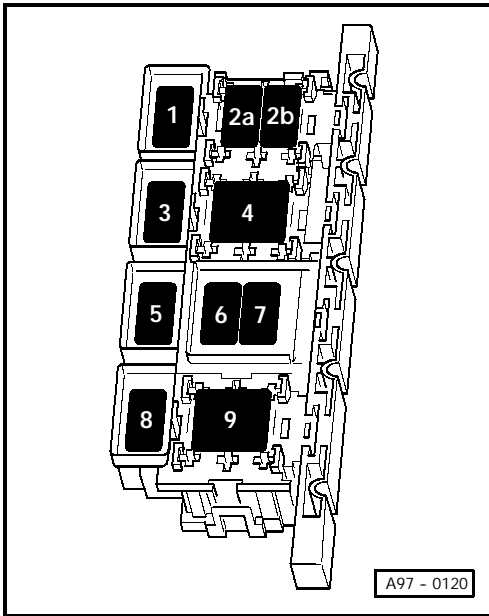
Relay Panel E-Box footwell front right



Relay Location:

- 2** -Motronic Engine Control Module (ECM) Power Supply Relay, J271

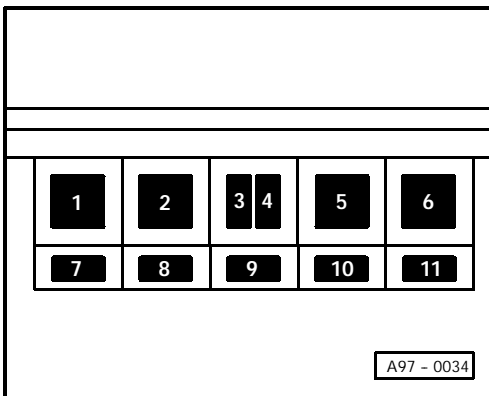
Relay and Fuse Panel E-Box plenum chamber



Relay Location:

- 2b** - Fuse for control module - Automatic Transmission, S113
- 4** -Secondary Air Injection (AIR) Pump Relay, J299
- 6** -Fuse for injectors, S116
- 7** -Fuse for control elements, S117
- 9** -Engine Control Module (ECM) Fuse, S102

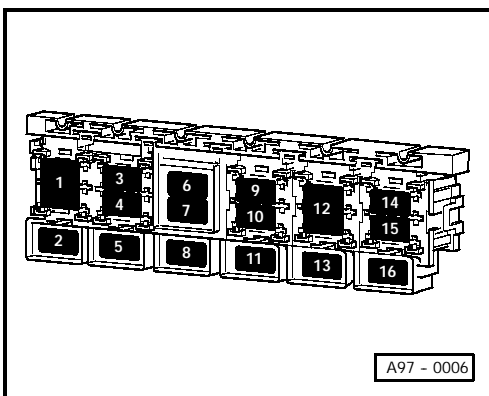
Auxiliary Fuse and Relay Panel footwell front right



Relay Location:

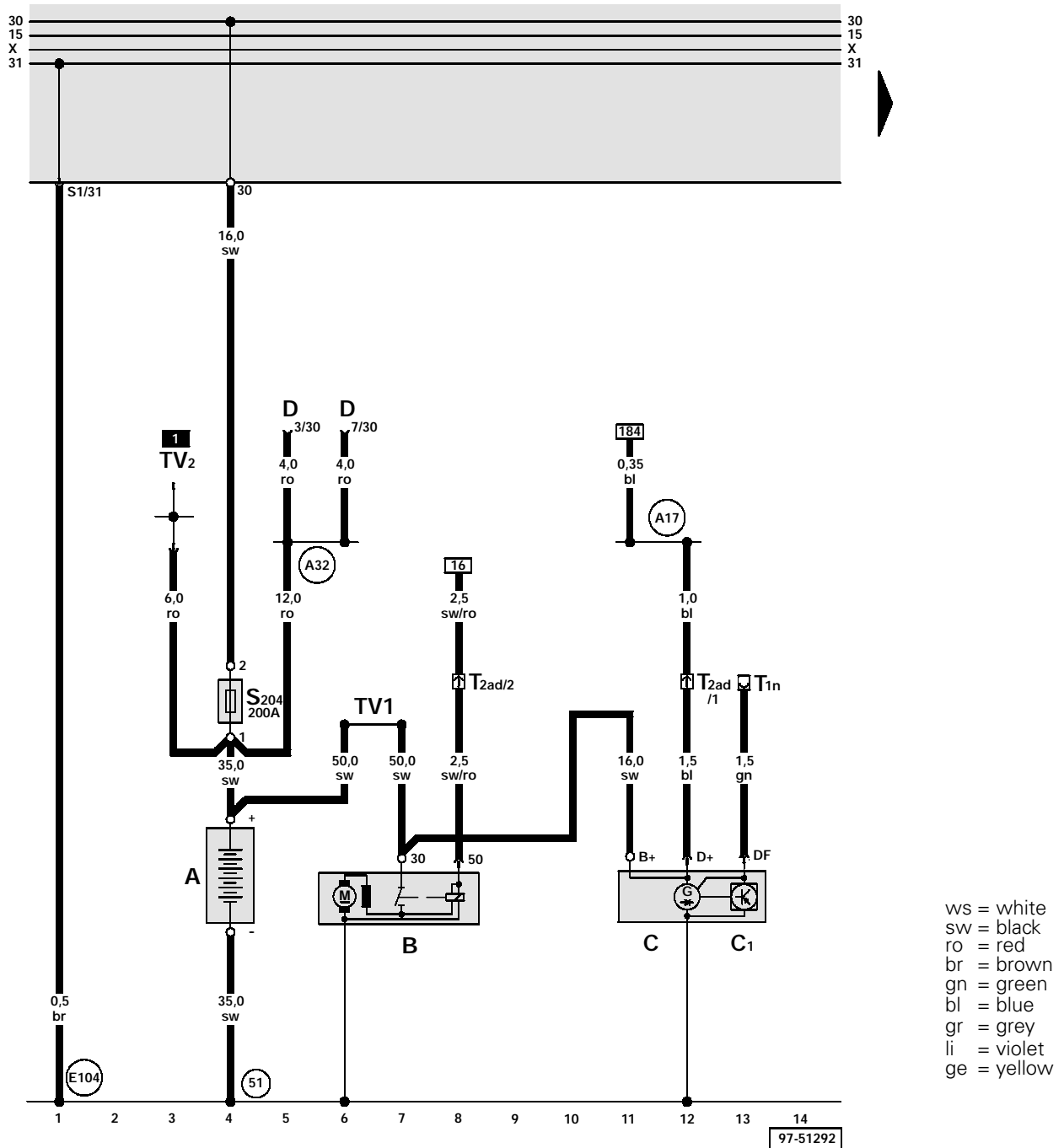
- 1** - Starting Interlock Relay, J207

Relay and Fuse Panel Luggage boot right



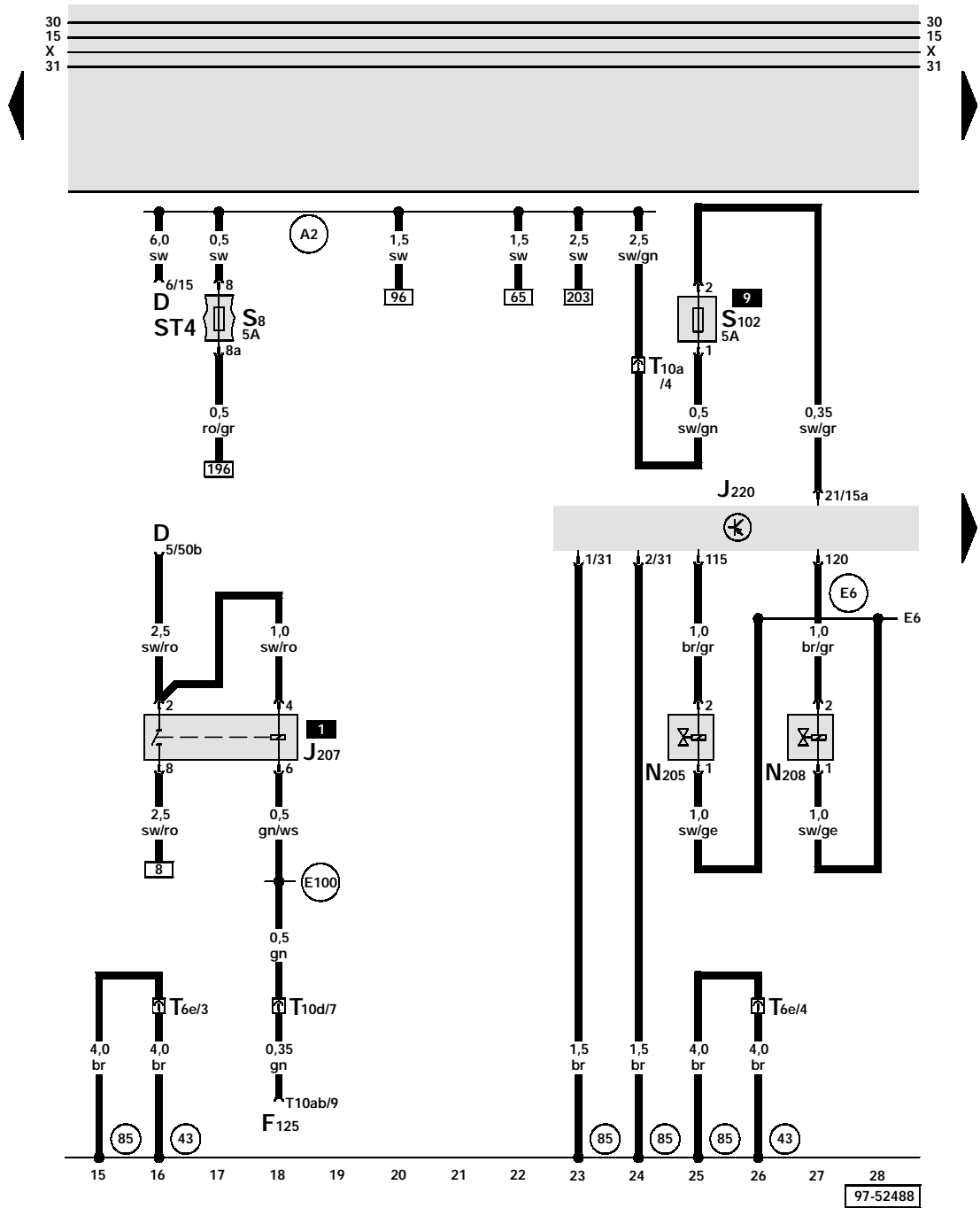
Relay Location:

- 1** - Terminal 30 (B+) Wire Connector, TV2



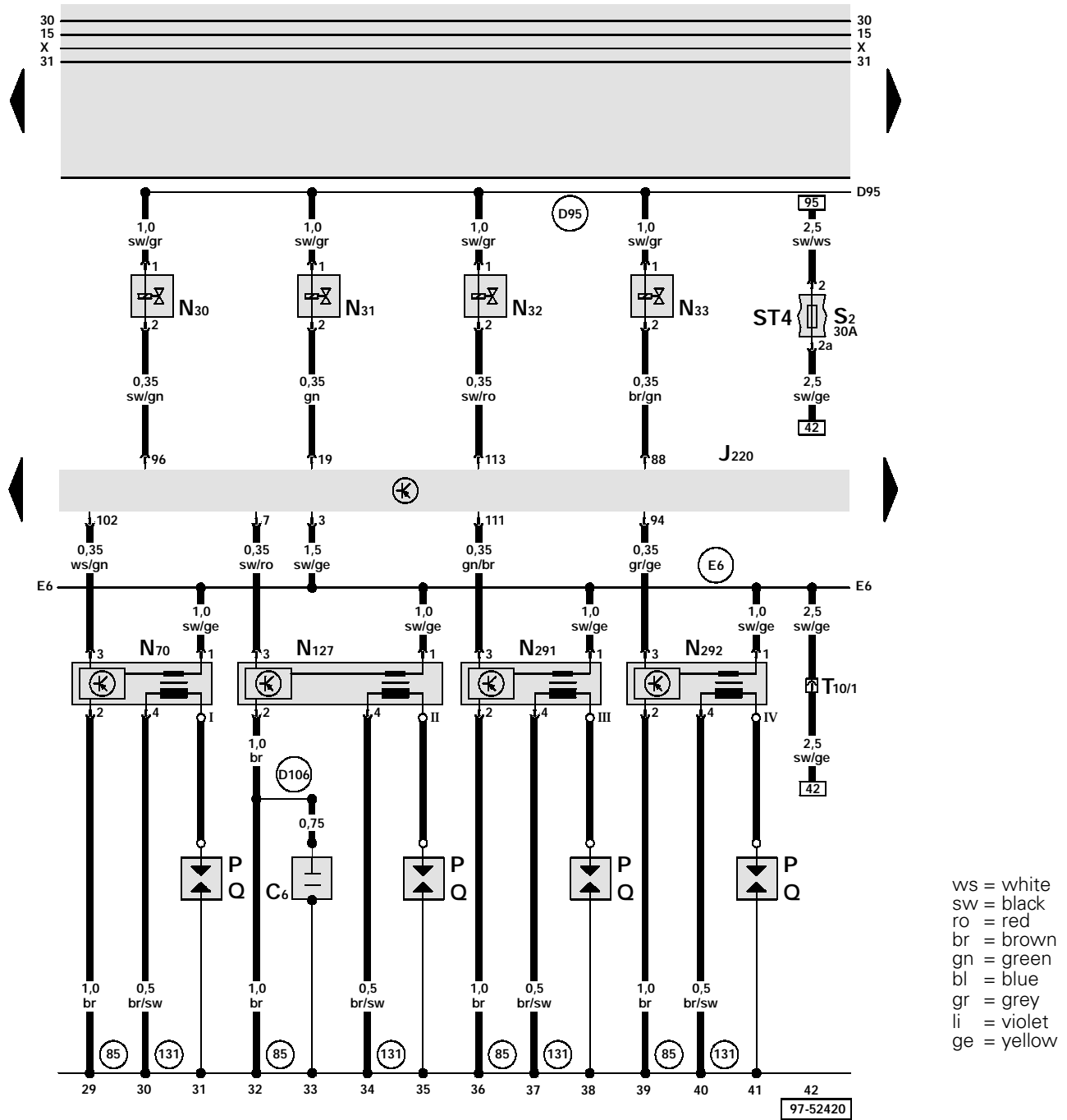
- A - Battery
- B - Starter
- C - Generator (GEN)
- C1 - Voltage Regulator (VR)
- D - Ignition/Starter Switch
- S204 - Fuse 1 (30)
- T1n - Connector single, red, near Generator, in engine compartment, right front
- T2ad - Double Connector, black, near generator (GEN)
- TV1 - Wire Connector
- TV2 - Terminal 30 (B+) Wire Connector

- (51) - Ground connection, in luggage compartment, right
- (A17) - Wire connection (61), in instrument panel wiring harness
- (A32) - Plus connection (30), in instrument panel wiring harness
- (E104) - Ground connection, in instrument panel wiring harness



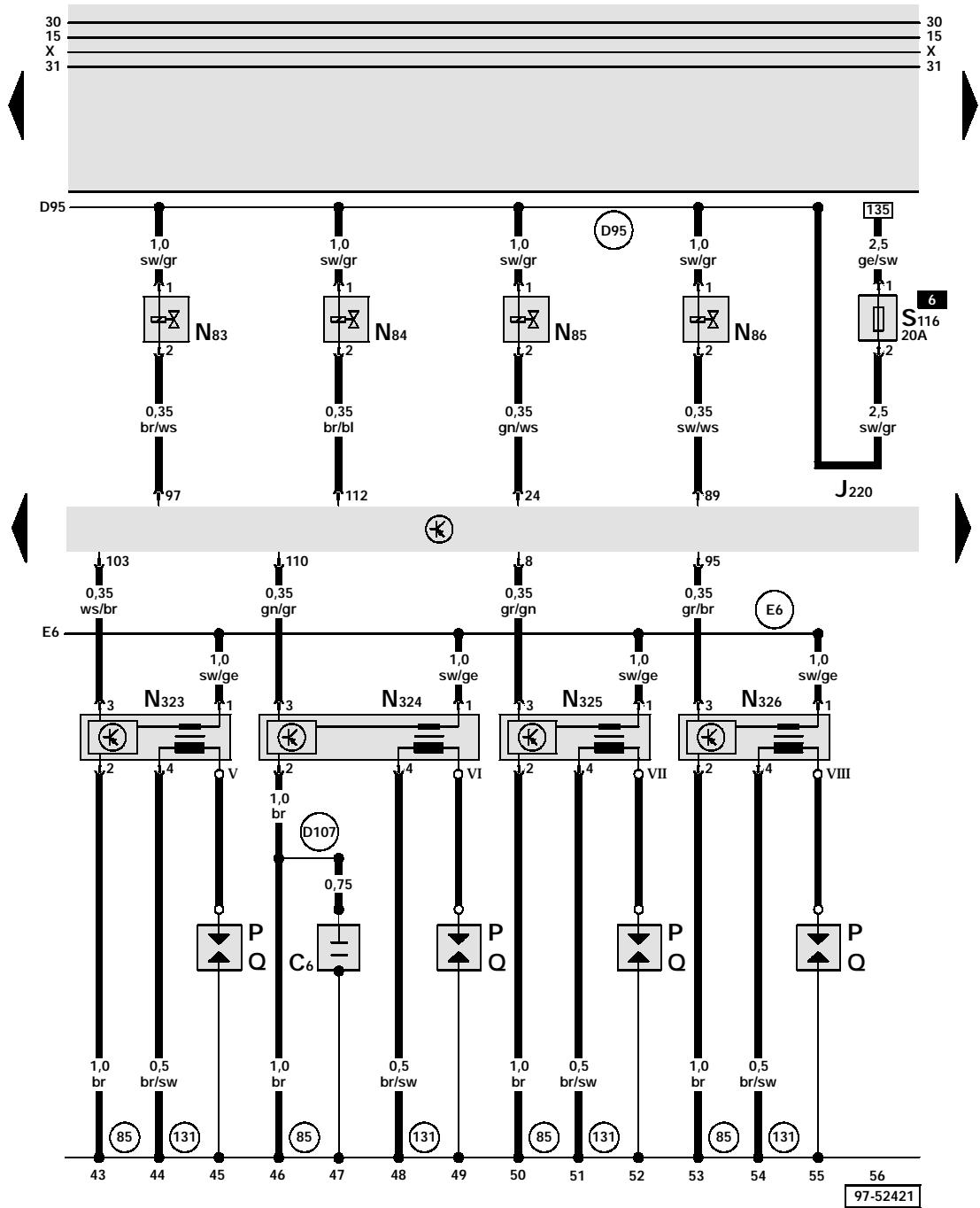
- D - Ignition/Starter Switch
- F125 - Multi-Function Transmission Range (TR) Switch
- J207 - Starting Interlock Relay
- J220 - Motronic Engine Control Module (ECM)
- N205 - Valve -1- for camshaft adjustment
- N208 - Valve -2- for camshaft adjustment
- S8 - Fuse
- S102 - Engine Control Module (ECM) Fuse
- T6e - 6-Pin Connector, brown, connector station electronic box plenum chamber
- T10a - 10-Pin Connector, black, connector station electronic box plenum chamber
- T10d - 10-Pin Connector, red, connector station electronic box plenum chamber
- T10ab - 10-Pin Connector, black, on transmission

- 43 - Ground connection, on right A-pillar, lower part
- 85 - Ground connection -1-, in engine compartment wiring harness
- A2 - Plus connection (15), in instrument panel wiring harness
- E6 - Plus connection -1- (15), in Motronic Multiport Fuel Injection (MFI) wiring harness
- E100 - Connector (Multi-function Switch), in instrument panel wiring harness



- C6 - Distributor Ignition (DI) Capacitor
- J220 - Motronic Engine Control Module (ECM)
- N30 - Cylinder 1 Fuel Injector
- N31 - Cylinder 2 Fuel Injector
- N32 - Cylinder 3 Fuel Injector
- N33 - Cylinder 4 Fuel Injector
- N70 - Ignition Coil 1 with Power Output Stage
- N127 - Ignition Coil 2 with Power Output Stage
- N291 - Ignition Coil 3 with Power Output Stage
- N292 - Ignition Coil 4 with Power Output Stage
- P - Spark Plug Connectors
- Q - Spark Plugs
- S2 - Fuse
- T10 - 10-Pin Connector, blue, connector station electronic box plenum chamber

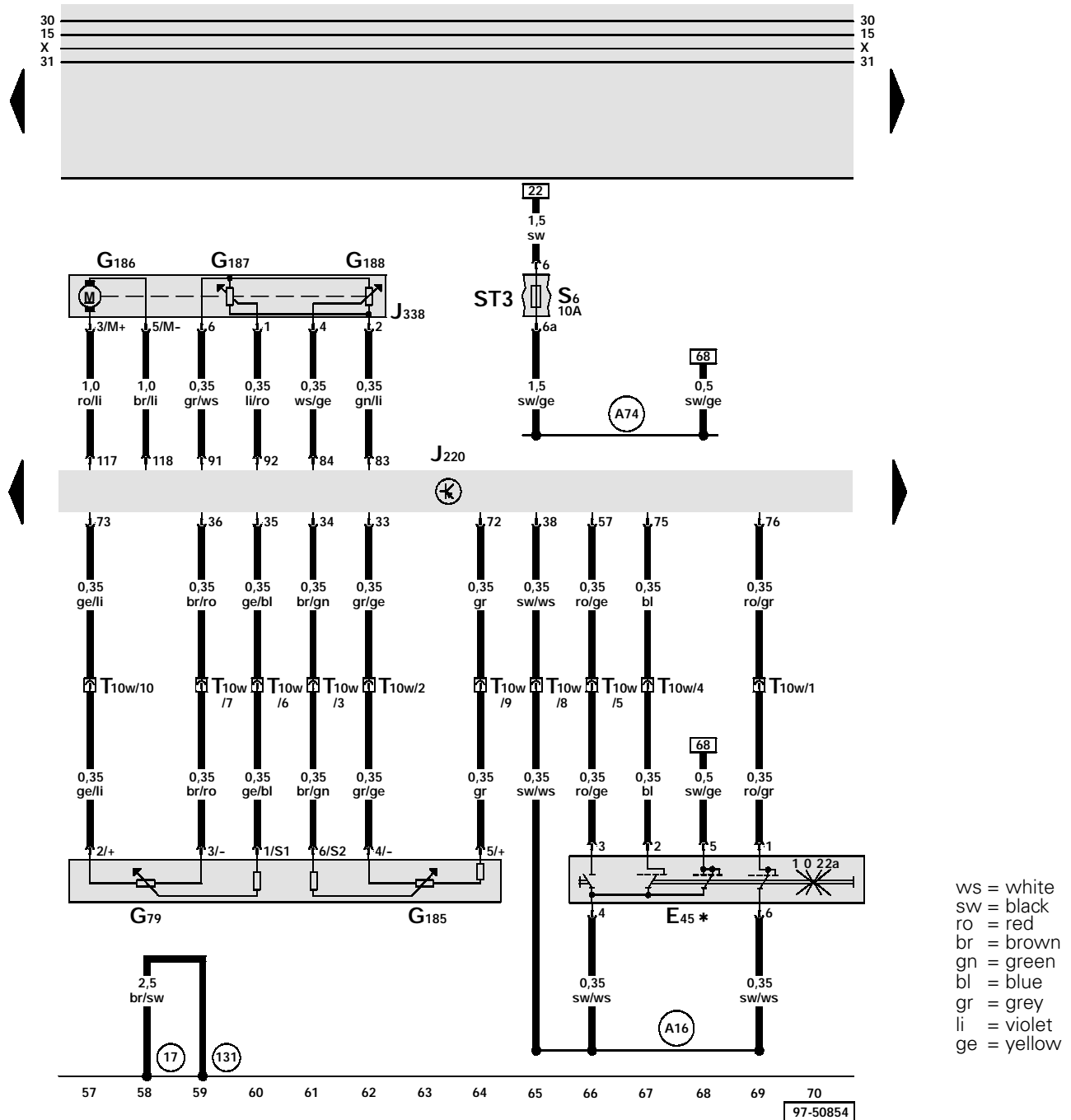
- (85) - Ground connection -1-, in engine compartment wiring harness
- (131) - Ground connection -2-, in engine compartment wiring harness
- (D95) - Wire connection (injectors), in engine compartment wiring harness
- (D106) - Wire connection -4-, in engine compartment wiring harness
- (E6) - Plus connection -1- (15), in Motronic Multiport Fuel Injection (MFI) wiring harness



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

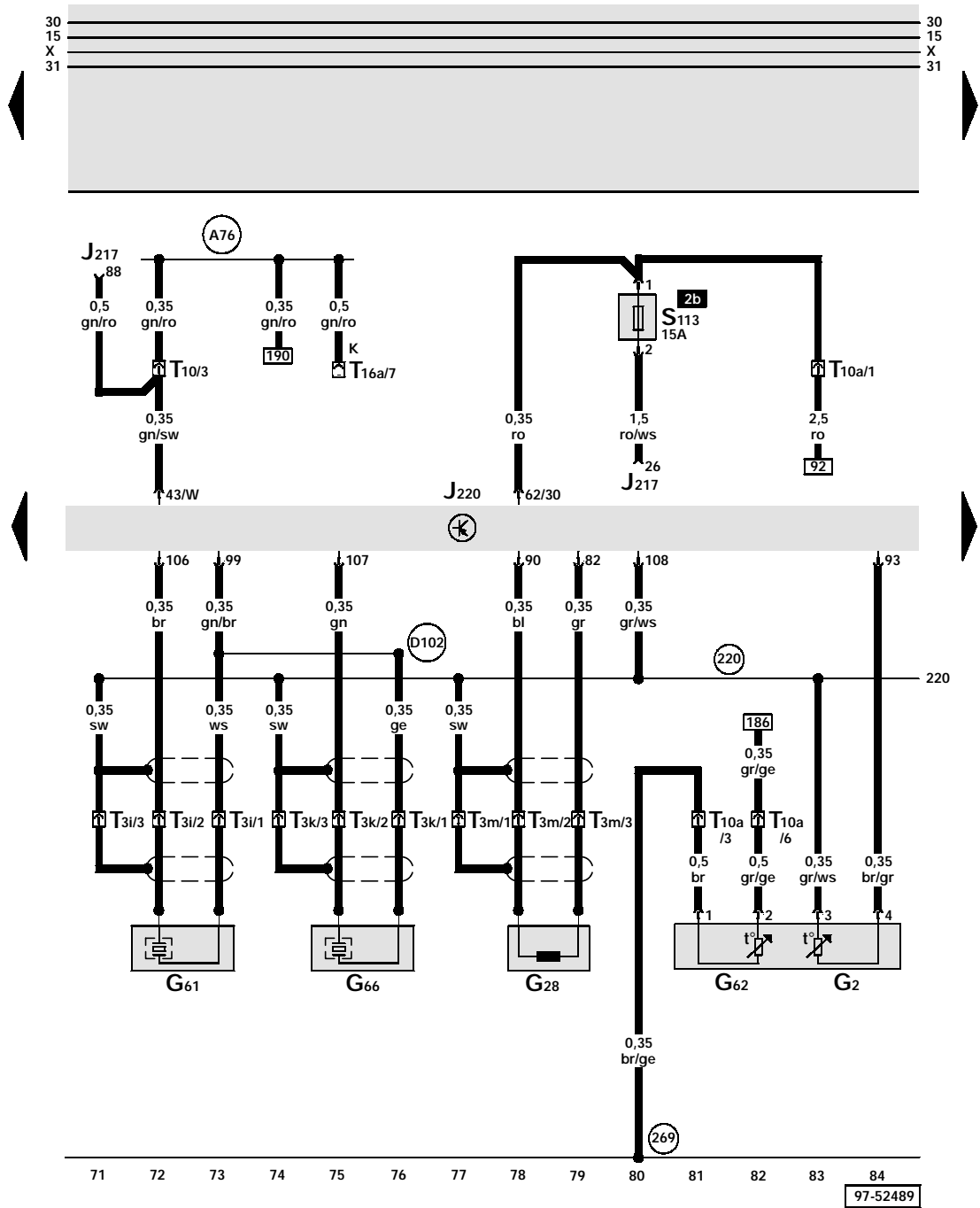
- C6 - Distributor Ignition (DI) Capacitor
- J220 - Motronic Engine Control Module (ECM)
- N83 - Cylinder 5 Fuel Injector
- N84 - Cylinder 6 Fuel Injector
- N85 - Cylinder 7 Fuel Injector
- N86 - Cylinder 8 Fuel Injector
- N323 - Ignition Coil 5 with Power Output Stage
- N324 - Ignition Coil 6 with Power Output Stage
- N325 - Ignition Coil 7 with Power Output Stage
- N326 - Ignition Coil 8 with Power Output Stage
- P - Spark Plug Connectors
- Q - Spark Plugs
- S116 - Fuse for injectors

- 85 - Ground connection -1-, in engine compartment wiring harness
- 131 - Ground connection -2-, in engine compartment wiring harness
- D95 - Wire connection (injectors), in engine compartment wiring harness
- D107 - Wire connection -5-, in engine compartment wiring harness
- E6 - Plus connection -1- (15), in Motronic Multiport Fuel Injection (MFI) wiring harness



- E45 - Cruise Control Switch
- G79 - Throttle Position (TP) Sensor
- G185 - Sensor -2- for accelerator pedal position
- G186 - Throttle drive (power accelerator actuation)
- G187 - Angle sensor -1- for throttle drive (power accelerator actuation)
- G188 - Angle sensor -2- for throttle drive (power accelerator actuation)
- J220 - Motronic Engine Control Module (ECM)
- J338 - Throttle Valve Control Module
- S6 - Fuse
- T10w - 10-Pin Connector, white, connector station electronic box plenum chamber

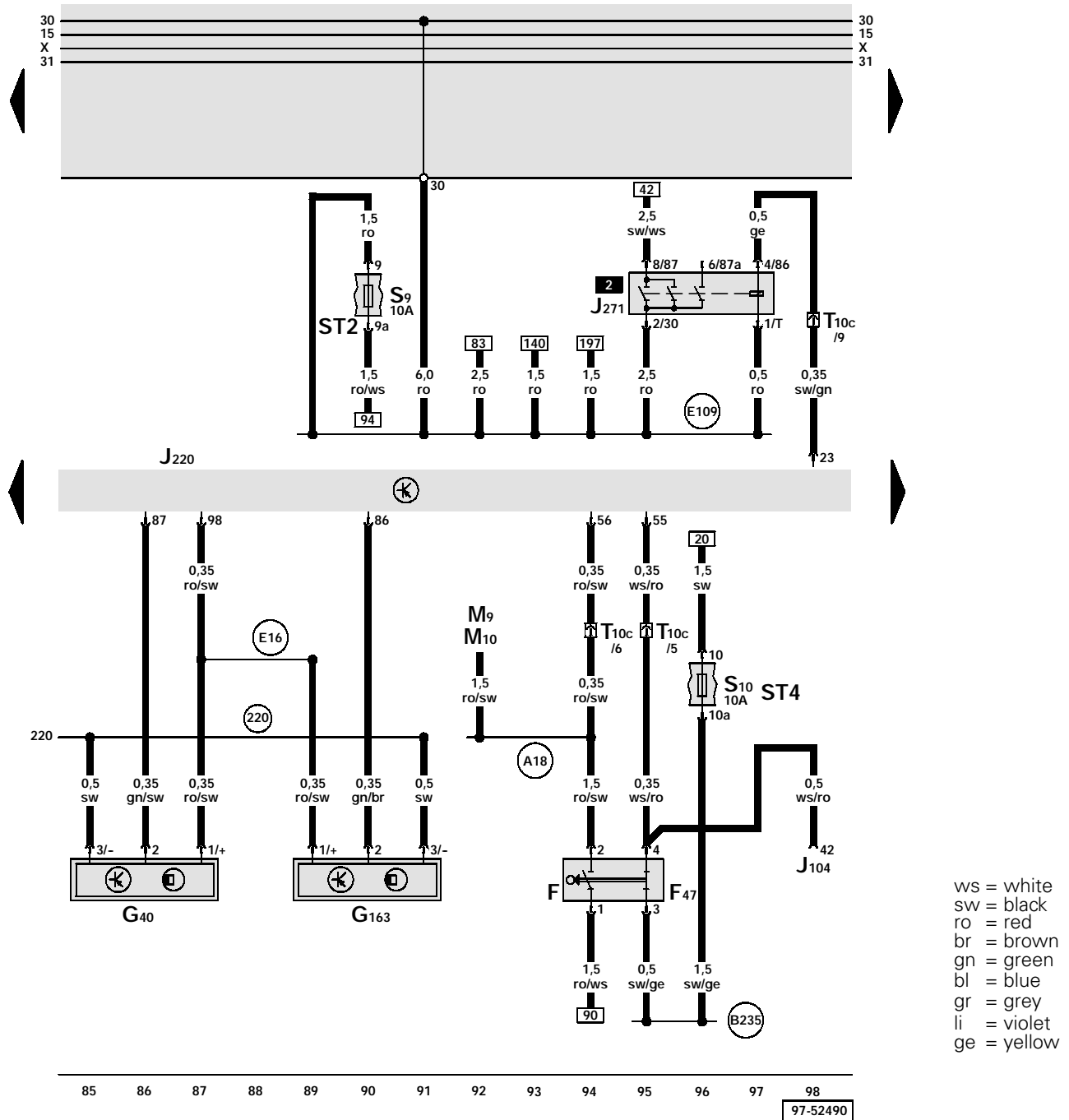
- (17) - Ground connection, on intake manifold
- (131) - Ground connection -2-, in engine compartment wiring harness
- (A16) - Wire connection (cruise control), in instrument panel wiring harness
- (A74) - Connector (15a, fuse 5), in instrument panel wiring harness
- * - Vehicles with cruise control



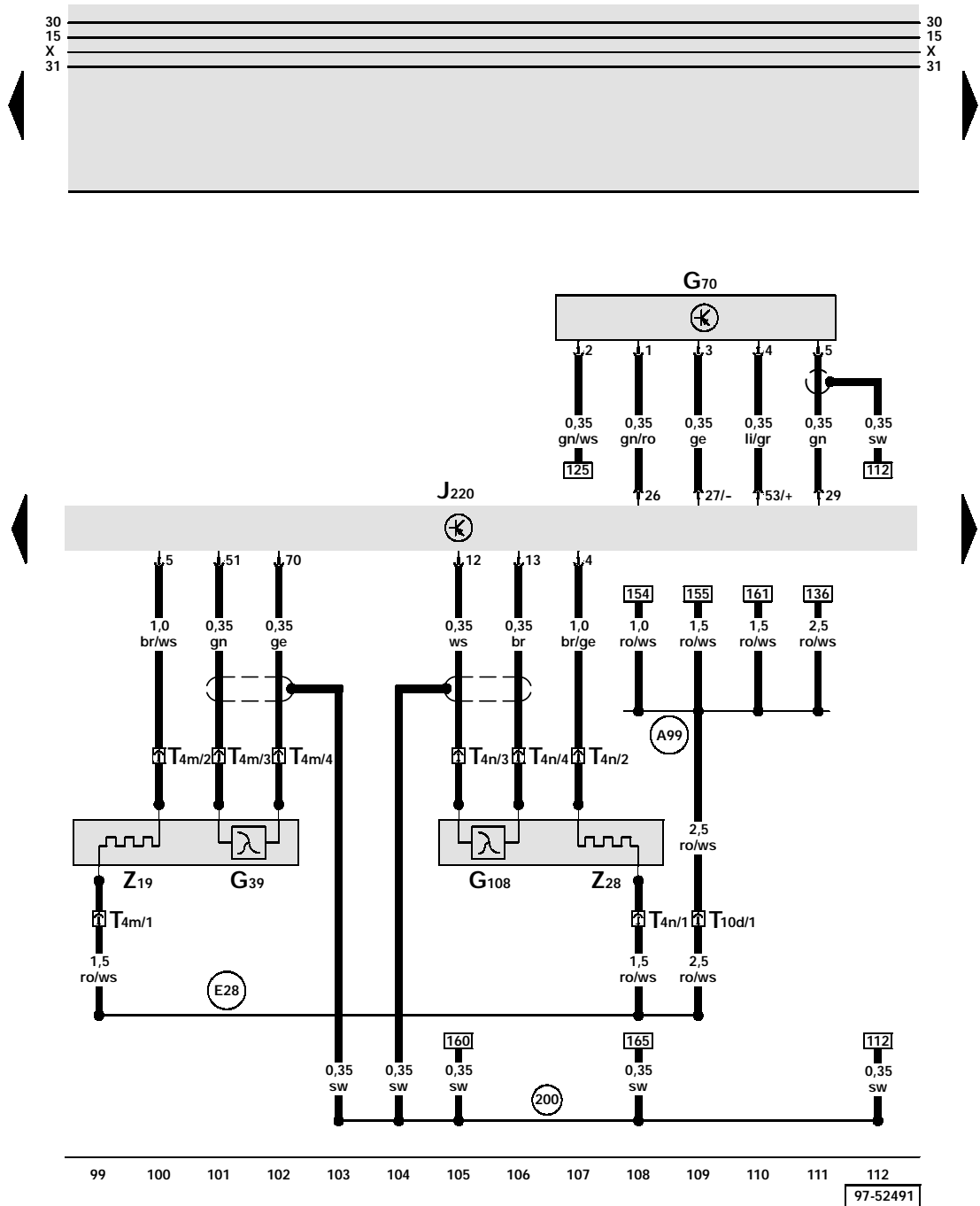
ws = white
sw = black
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ge = yellow

- G2 - Engine Coolant Temperature (ECT) Sensor
- G28 - Engine Speed (RPM) Sensor
- G61 - Knock Sensor (KS) 1
- G62 - Engine Coolant Temperature (ECT) Sensor
- G66 - Knock Sensor (KS) 2
- J217 - Transmission Control Module (TCM)
- J220 - Motronic Engine Control Module (ECM)
- S113 - Fuse for control module - Auto. Trans.
- T3i - 3-Pin Connector, green, on knock sensor (KS) 1
- T3k - 3-Pin Connector, brown, on knock sensoe (KS) 2
- T3m - 3-Pin Connector, gray, on engine speed (RPM) sensor
- T10 - 10-Pin Connector, blue, connector station electronic box plenum chamber
- T10a - 10-Pin Connector, black, connector station electronic box plenum chamber
- T16a - 16-Pin Connector, Data Link Connector (DLC)

- (220) - Ground connection (sensor ground), in engine compartment wiring harness
- (269) - Ground connector (sensor ground) -1-, in instrument panel wiring harness
- (A76) - Connector (K-diagnosis wire), in instrument panel wiring harness
- (D102) - Wire connection -2-, in engine compartment wiring harness

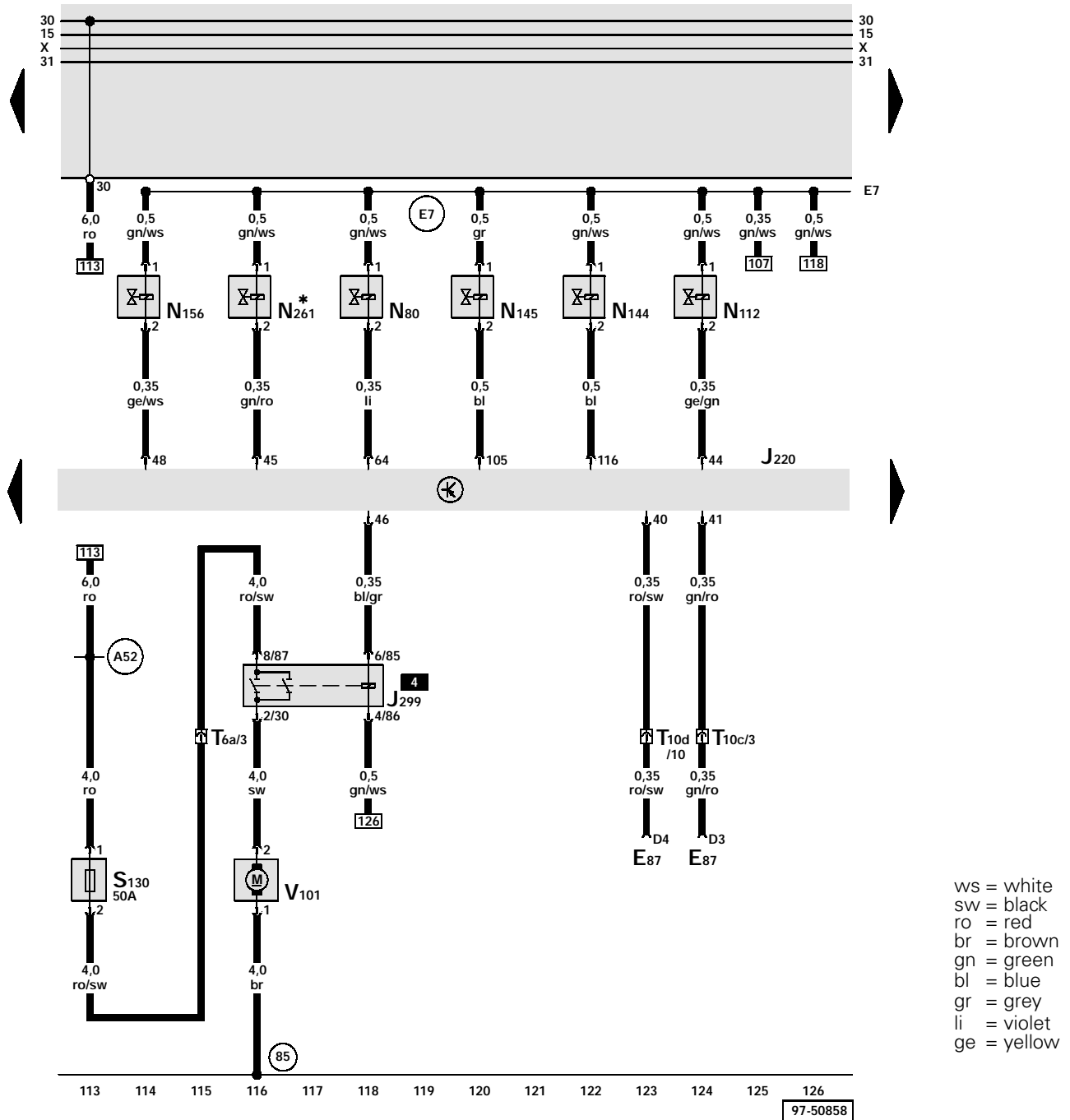


- F - Brake Light Switch
- F47 - Brake Vacuum Vent Valve switch for Cruise Control/Diesel Fuel Injection
- G40 - Camshaft Position (CMP) Sensor
- G163 - Camshaft Position (CMP) Sensor 2
- J104 - ABS Control Module (w/EDL)
- J220 - Motronic Engine Control Module (ECM)
- J271 - Motronic Engine Control Module (ECM) Power Supply Relay
- M9 - Left Brake Light
- M10 - Right Brake Light
- S9 - Fuse
- S10 - Fuse
- T10c - 10-Pin Connector, green, connector station electronic box plenum chamber
- (220) - Ground connection (sensor ground), in engine compartment wiring harness
- (A18) - Wire connection (54), in instrument panel wiring harness
- (B235) - Plus Connection -4- (15a) (interior wiring harness)
- (E16) - Plus connection (5 Volts), in Motronic Multiport Fuel Injection (MFI) wiring harness
- (E109) - Connector (30 central electric), in instrument panel wiring harness



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

- G39 - Heated Oxygen Sensor (HO2S) 2
- G70 - Mass Air Flow (MAF) Sensor
- G108 - Heated Oxygen Sensor (HO2S) 2
- J220 - Motronic Engine Control Module (ECM)
- T4m - 4-Pin Connector, black, for heated oxygen sensor 1 (H2OS)
- T4n - 4-Pin Connector, black, black, for heated oxygen sensor 2 (H2OS)
- T10d - 10-Pin Connector, red, connector station electronic box plenum chamber
- Z19 - Oxygen Sensor (O2S) Heater
- Z28 - Oxygen Sensor (O2S) 2 Heater
- (200) - Ground connection (shielding), in engine compartment wiring harness
- (A99) - Connector -1- (87), in instrument panel wiring harness
- (E28) - Connector, Oxygen Sensor (O2S) Heater, in wiring harness Motronic

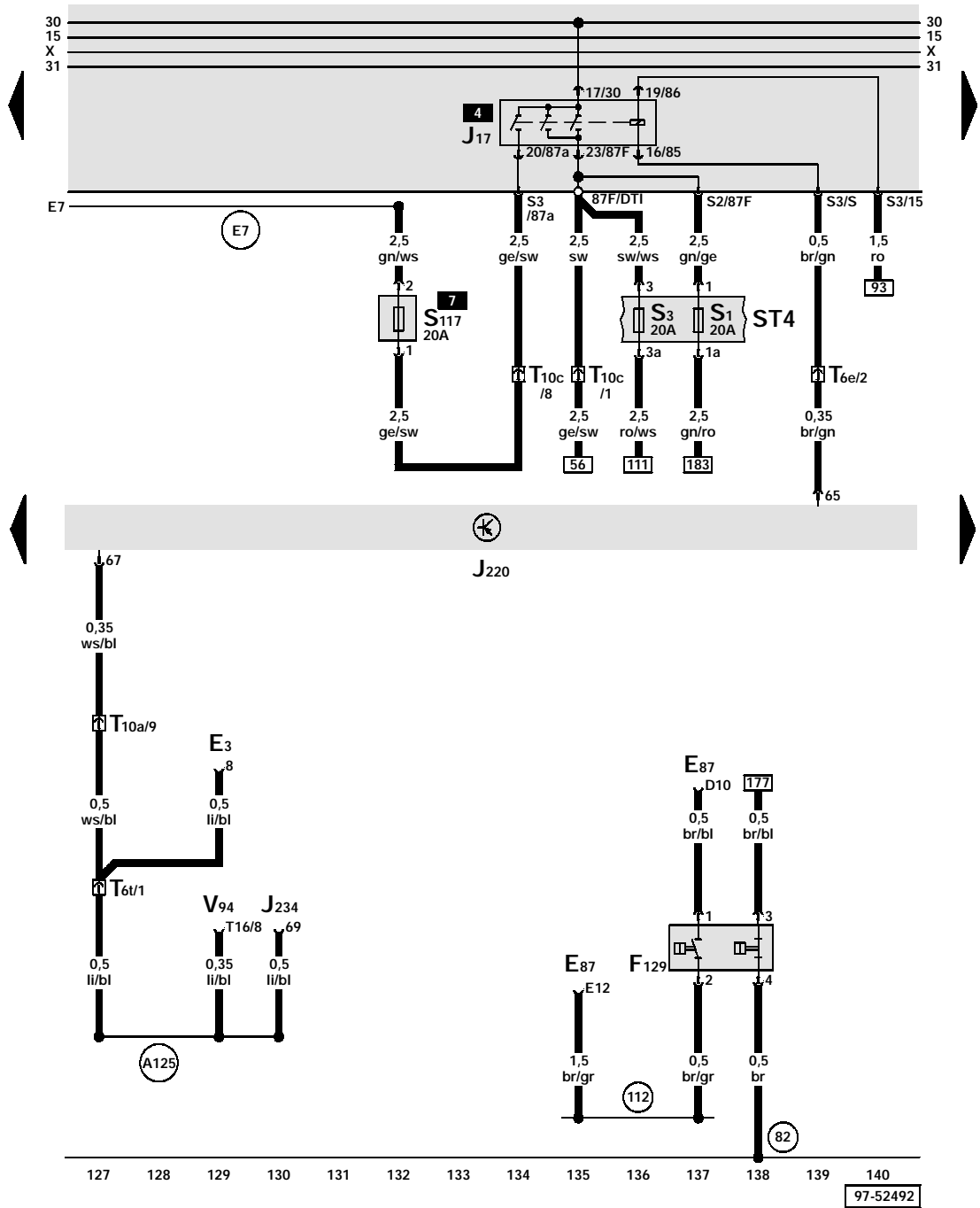


ws = white
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 ge = yellow

- E87 - A/C Control Head
- J220 - Motronic Engine Control Module (ECM)
- J299 - Secondary Air Injection (AIR) Pump Relay
- N80 - Evaporative Emission (EVAP) Canister Purge Regulator Valve
- N112 - Secondary Air Injection (AIR) Solenoid Valve
- N144 - Left Electro-Hydraulic Engine Mount Solenoid Valve
- N145 - Right Electro-Hydraulic Engine Mount Solenoid Valve
- N156 - Intake Manifold Change-Over Valve
- N261 - Intake Manifold Tuning (IMT) Valve -2-
- S130 - Fuse for secondary air pump
- T6a - 6-Pin Connector, violet, connector station electronic box plenum chamber
- T10c - 10-Pin Connector, green, connector station electronic box plenum chamber
- T10d - 10-Pin Connector, red, connector station electronic box plenum chamber
- V101 - Secondary Air Injection (AIR) Pump Motor

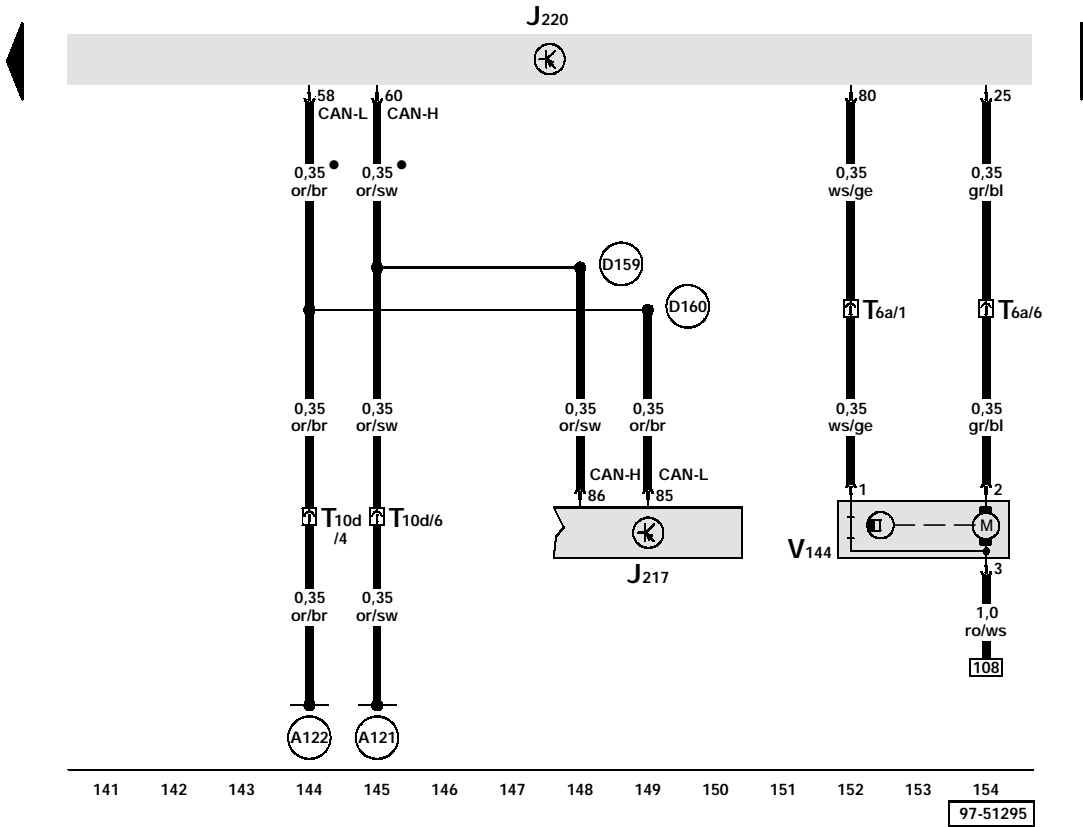
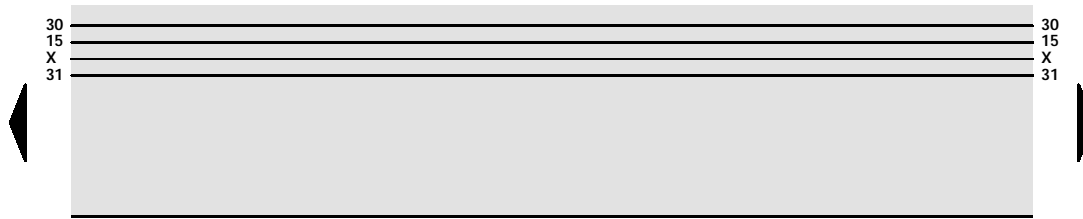
- (85) - Ground connection -1-, in engine compartment wiring harness
- (A52) - Plus connection (30), in instrument panel wiring harness
- (E7) - Plus connection (87a), in Motronic Multipoint Fuel Injection (MFI) wiring harness

* - only engine code AUX



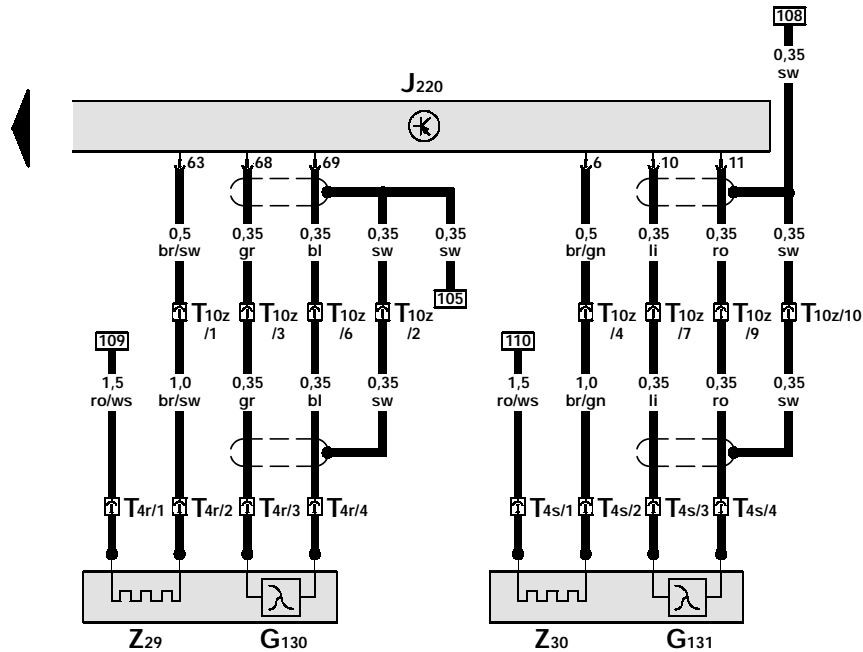
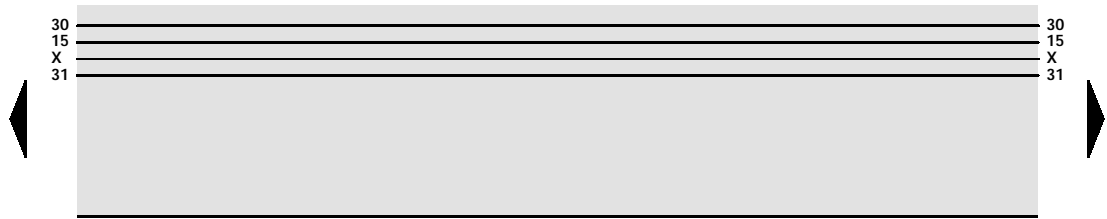
ws = white
 sw = black
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 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

- E3 - Emergency Flasher Switch
- E7 - Plus connection (87a), in Motronic Multipoint Fuel Injection (MFI) wiring harness
- E87 - A/C Control Head
- F129 - A/C Pressure Switch
- J17 - Fuel Pump (FP) Relay
- J220 - Motronic Engine Control Module (ECM)
- J234 - Airbag Control Module
- S1 - Fuse
- S3 - Fuse
- S117 - Fuse for control elements
- T6e - 6-Pin Connector, brown, connector station electronic box plenum chamber
- T6t - 6-Pin Connector, red, connector station wheel house right
- T10a - 10-Pin Connector, black, connector station electronic box plenum chamber
- T10c - 10-Pin Connector, green, connector station electronic box plenum chamber
- T16 - 16-Pin Connector, connector C on V94
- V94 - Central Locking/Alarm System/Interior Light Delay Control Module
- 82 - Ground connection -1-, in left front wiring harness
- 112 - Ground connection -2-, in A/C wiring harness
- A125 - Connection (crash signal) in instrument panel wiring harness



- J217 - Transmission Control Module (TCM)
- J220 - Motronic Engine Control Module (ECM)
- T6a - 6-Pin Connector, violet, connector station electronic box plenum chamber
- T10d - 10-Pin Connector, red, connector station electronic box plenum chamber
- V144 - Leak Detection Pump (LDP)

- (A121) - Connection (high bus) in instrument panel wiring harness
- (A122) - Connection (low bus) in instrument panel wiring harness
- (D159) - Connection (high bus) in engine compartment wiring harness
- (D160) - Connection (low bus) in engine compartment wiring harness
- - CAN-Bus (Data-Bus)

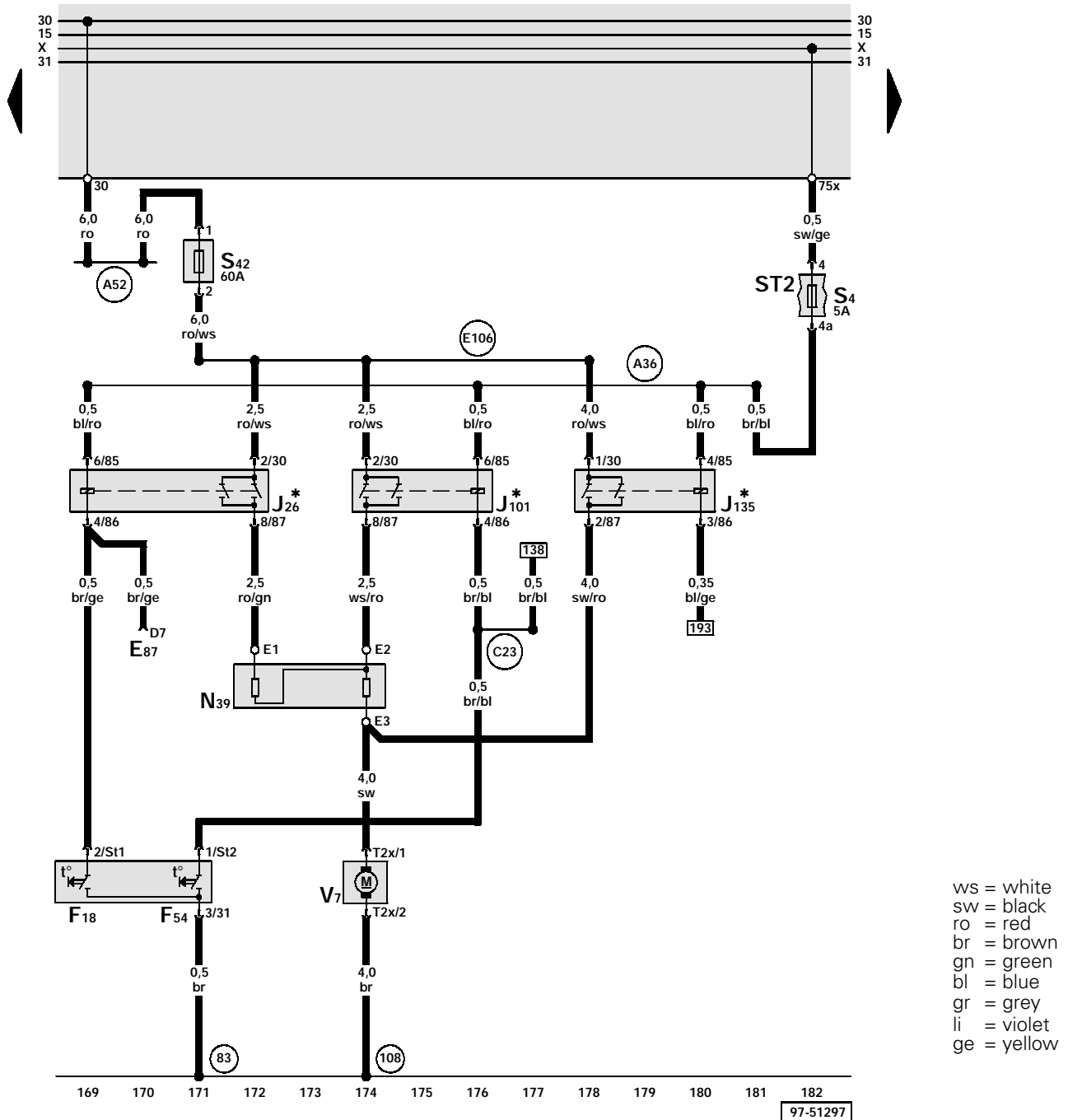


ws = white
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 br = brown
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 bl = blue
 gr = grey
 li = violet
 ge = yellow

155 156 157 158 159 160 161 162 163 164 165 166 167 168

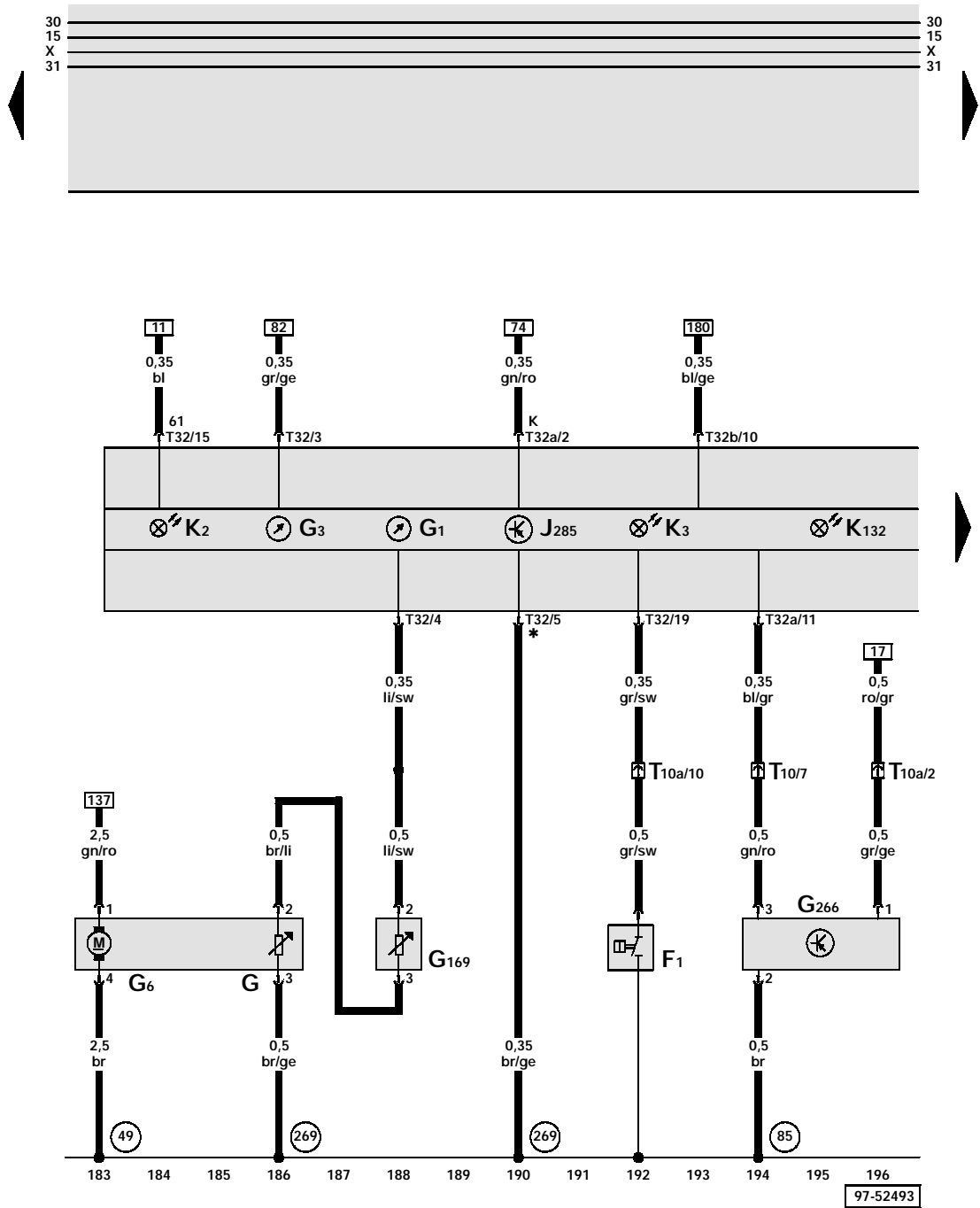
97-51296

- G130 - Heated Oxygen Sensor (O2S) Behind Three Way Catalytic Converter (TWC)
- G131 - Heated Oxygen Sensor (O2S) 2 Behind Three Way Catalytic Converter (TWC)
- J220 - Motronic Engine Control Module (ECM)
- T4r - 4-Pin Connector, black, for oxygen sensor behind three way catalytic converter
- T4s - 4-Pin Connector, black, for oxygen sensor 2 behind three way catalytic converter
- T10z - 10-Pin Connector, brown, connector station electronic box plenum chamber
- Z29 - Oxygen Sensor (O2S) Heater 1
- Z30 - Oxygen Sensor (O2S) Heater 2



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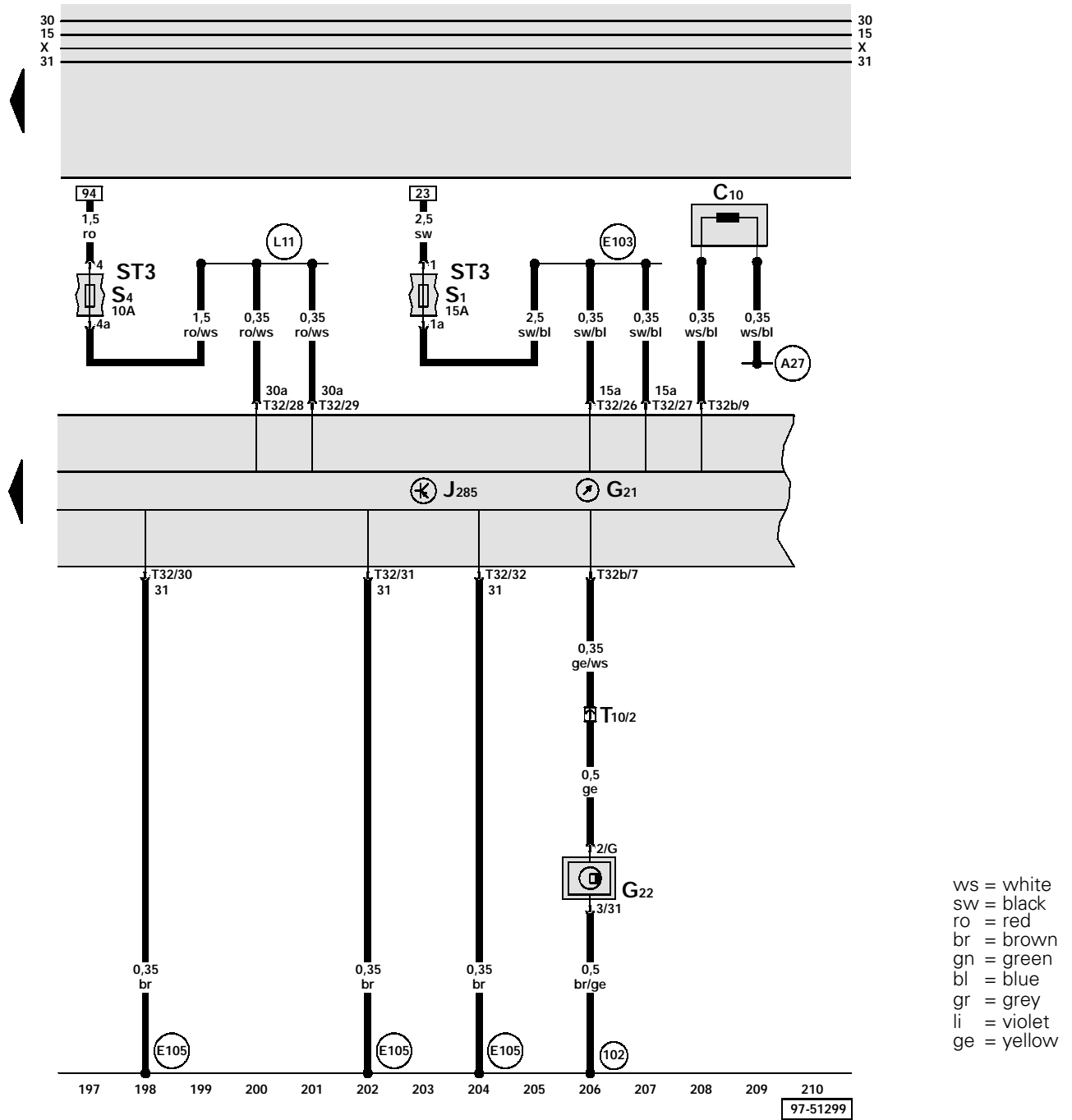
- E87 - A/C Control Head
- F18 - Coolant Fan Control (FC) Thermal Switch
- F54 - Coolant Fan Control (FC) Thermal Switch
- J26 - Coolant Fan control (FC) Relay
- J101 - Second Speed Coolant Fan Control (FC) Relay
- J135 - Third Speed Coolant Fan Control (FC) Relay
- N39 - Coolant Fan Control (FC) Series Resistance
- S4 - Fuse
- S42 - Coolant Fan Fuse
- T2x - Double Connector, brown, on coolant fan
- V7 - Coolant Fan
- 83 - Ground connection -1-, in right front wiring harness
- 108 - Ground connection -2-, in left front wiring harness
- A36 - Wire connection (75a), in instrument panel wiring harness
- A52 - Plus connection (30), in instrument panel wiring harness
- C23 - Wire connection (blower, 1st speed), in headlight/air conditioner wiring harness
- E106 - Connector (30,Fan), in instrument panel wiring harness
- * - On left instrument panel cross member, above pedal cluster



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

- F1 - Oil Pressure Switch
- G - Fuel Gauge Sensor
- G1 - Fuel Gauge
- G3 - Engine Coolant Temperature (ECT) Gauge
- G6 - Fuel Pump (FP)
- G169 - Fuel Level Sensor 2
- G266 - Oil Level Thermal Sensor (SRI)
- J285 - Control Module with indicator unit in instrument panel insert
- K2 - Generator (GEN) Warning Light
- K3 - Oil Pressure Warning Light
- K132 - Electronic Power Control (EPC) Warning Lamp
- T10 - 10-Pin Connector, blue, connector station electronic box plenum chamber
- T10a - 10-Pin Connector, black, connector station electronic box plenum chamber
- T32 - 32-Pin Connector, blue, on instrument cluster
- T32a - 32-Pin Connector, green, on instrument cluster
- T32b - 32-Pin Connector, gray, on instrument cluster

- (49) - Ground connection, near Fuel Pump (FP)
- (85) - Ground connection -1-, in engine compartment wiring harness
- (269) - Ground connector (sensor ground) -1-, in instrument panel wiring harness
- * - Sensor ground output



- C10 - Suppressor Filter
- G21 - Speedometer
- G22 - Speedometer Vehicle Speed Sensor (VSS)
- J285 - Control Module with indicator unit in instrument panel insert
- S1 - Fuse
- S4 - Fuse
- T10 - 10-Pin Connector, blue, connector station electronic box plenum chamber
- T32 - 32-Pin Connector, blue, on instrument cluster
- T32b - 32-Pin Connector, gray, on instrument cluster

- 102 - Ground connection, in transmission wiring harness
- A27 - Wire connection (vehicle speed signal), in instrument panel wiring harness
- E103 - Connector (15a), in instrument panel wiring harness right
- E105 - Ground connection, in instrument panel wiring harness left
- L11 - Wire connection -3-, in A/C wiring harness