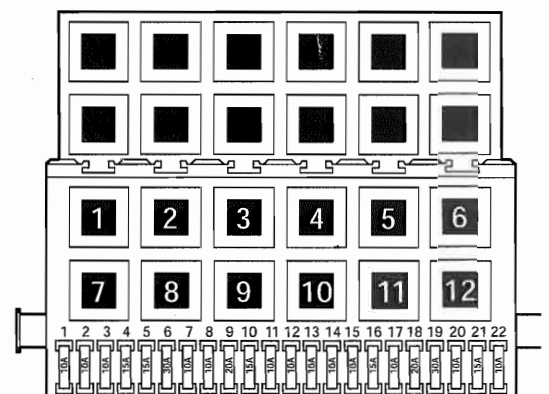


1.9 L-Engine - Turbo Diesel Fuel Injection (DFI)/66 kW, code 1Z, from November 1996

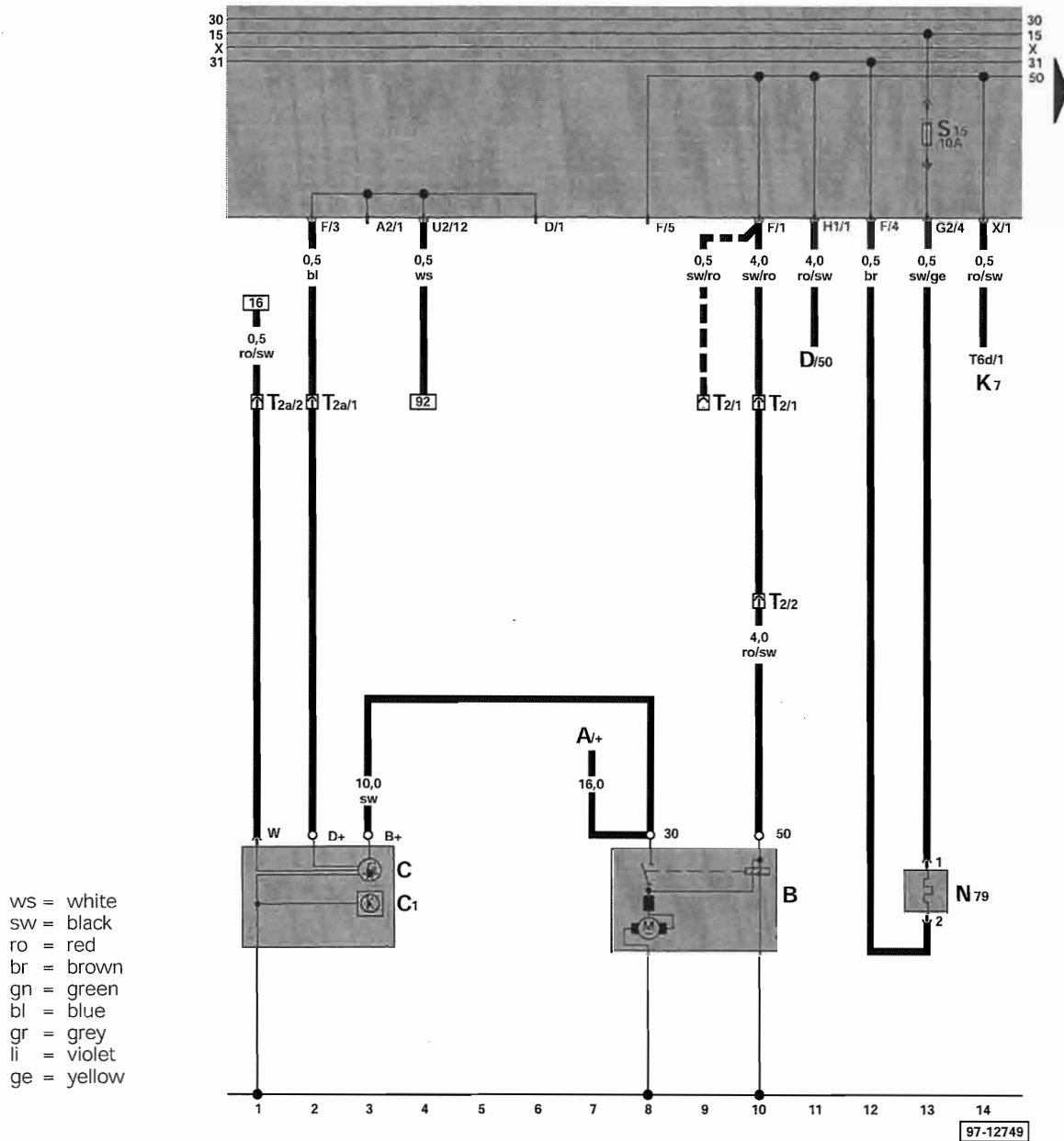
Deviate relay location and fuseplacements as well
"component locations"



97-12095

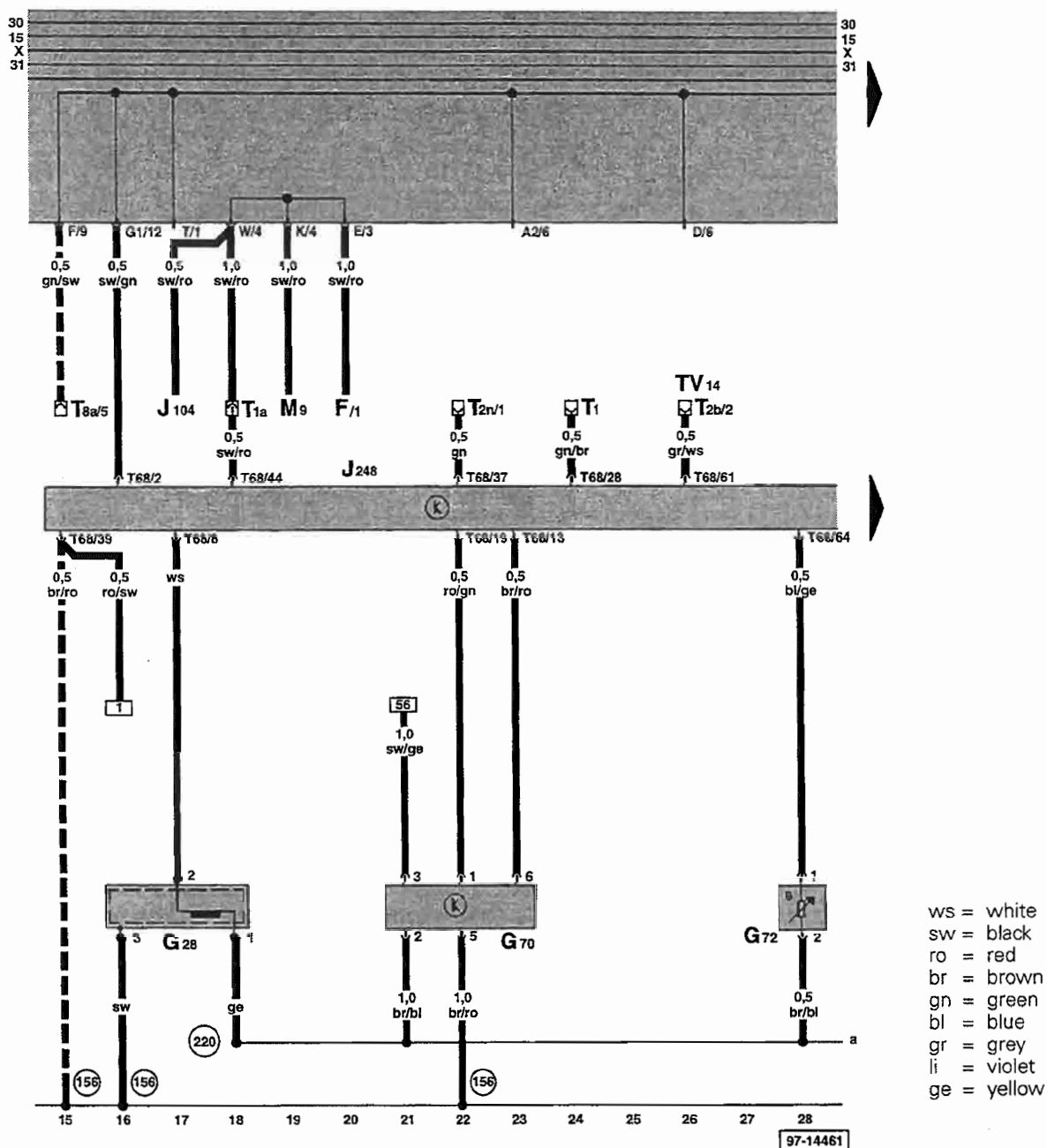
Fuse colors

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7,5 A - brown
- 5 A - beige
- 3 A - violet



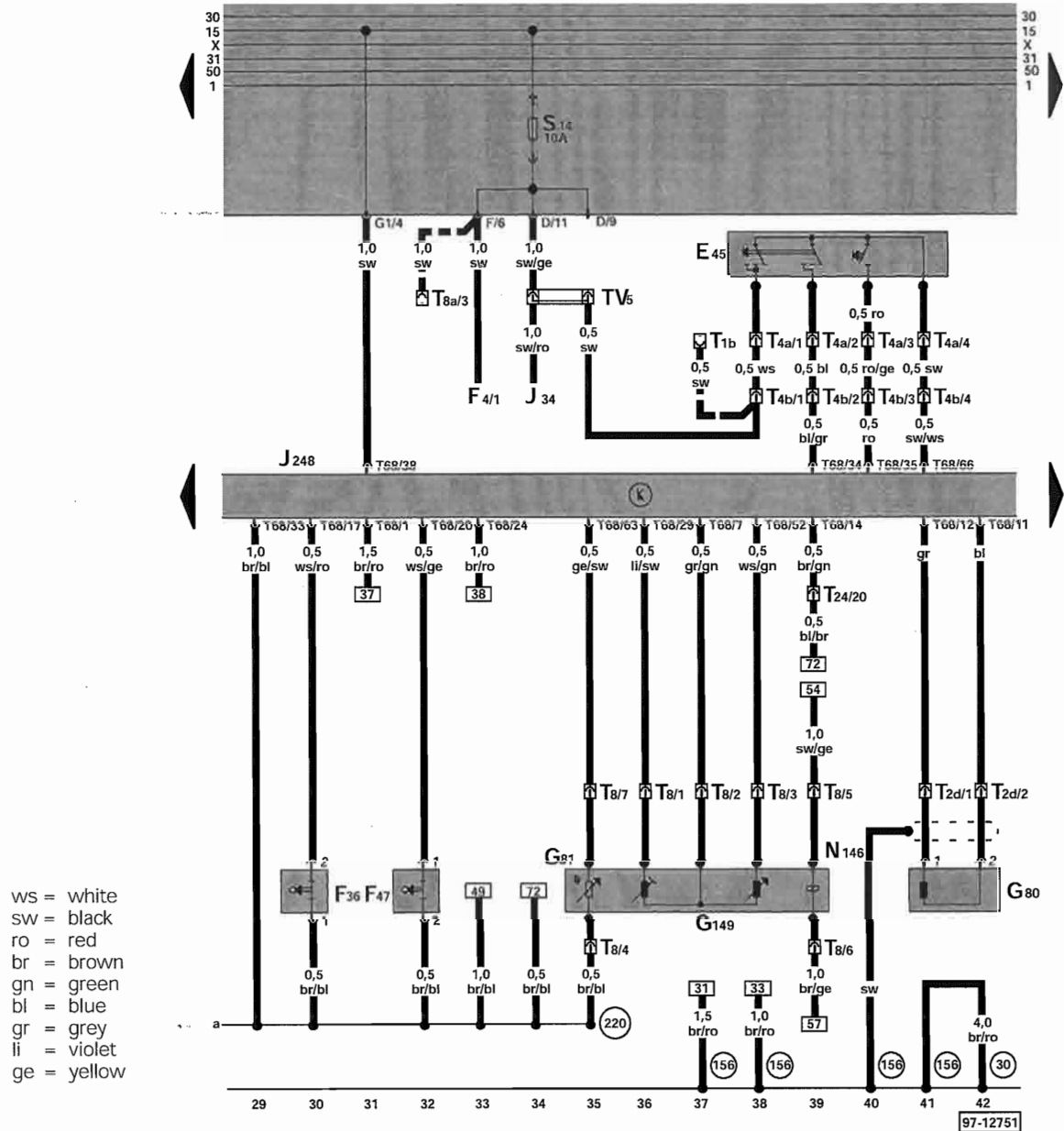
- A - Battery
- B - Starter
- C - Generator (GEN)
- C1 - Voltage Regulator (VR)
- D - Ignition/Starter Switch
- K7 - Brake and Parking Brake Warning Light
-  N79 - Positive Crankcase Ventilation (PCV) Heating Element
- T2 - Double Connector, behind fuse/relay panel
- T2a - Double Connector, near starter
- T6 - 6-Pin Connector

--- Automatic transmission only



- F - Brake Light Switch
- G28 - Engine Speed (RPM) Sensor
- G70 - Mass Air Flow (MAF) Sensor
- G72 - Intake Air Temperature (IAT) Sensor
- J104 - ABS Control Module (w/EDL)
- J248 - Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM)
- M9 - Left Brake Light
- T1 - Single Connector
- T1a - Single Connector, behind fuse relay/panel
- T2b - Double Connector, on Data Link Connector (DLC) Wire Connector, behind console
- T2n - Double Connector, behind fuse relay/panel, A/C connection
- T8a - 8-Pin Connector, behind fuse relay/panel
- T68 - 68-Pin Connector

TV14 - Data Link Connector (DLC) wire Connector, behind console

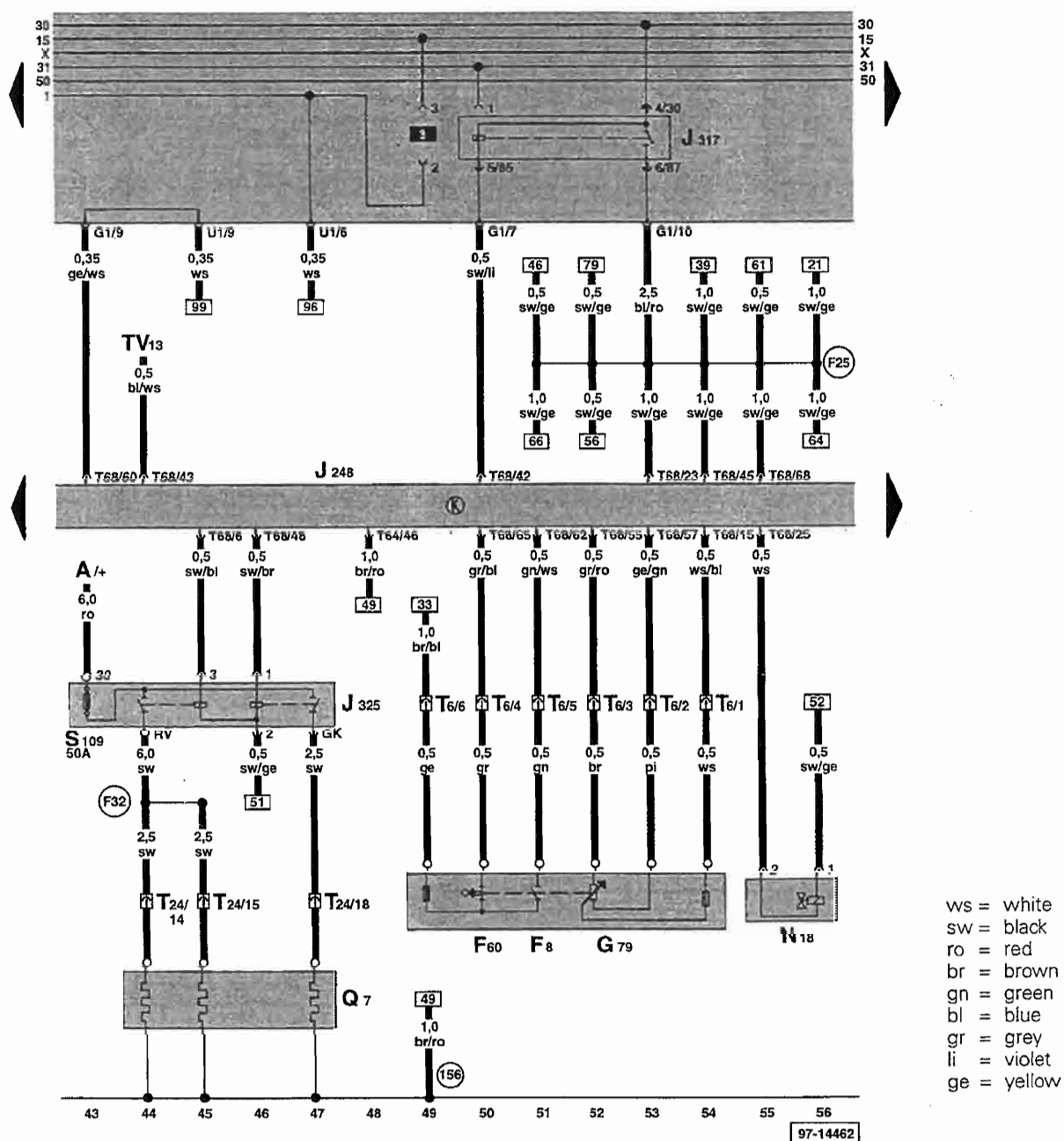


- | | | | |
|------|--|-----|---|
| E45 | - Cruise Control Switch, vehicles with cruise control only | T4b | - 4-Pin Connector, behind fuse/relay panel |
| F4 | - Back-Up Light Switch | T8 | - 8-Pin Connector, on fuel injection pump |
| F36 | - Clutch Vacuum Vent Valve Switch | T8a | - 8-Pin Connector, behind fuse/relay panel |
| F47 | - Brake Vacuum Vent Valve Switch for cruise control/diesel fuel injection (DFI) | T24 | - 24-Pin Connector, on left cylinder head |
| G80 | - Needle Lift Sensor | T68 | - 68-Pin Connector |
| G81 | - Fuel Temperature Sensor | TV5 | - Terminal 15a Wire Connector, above fuse/relay panel |
| G149 | - Modulating Piston Displacement Sensor | | |
| J34 | - Seat Belt Warning System Relay | | |
| J248 | - Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM), in plenum chamber, right | | |
| N146 | - Quantity Adjuster | | |
| T1b | - Single Connector, behind fuse/relay panel | | |
| T2d | - Double Connector, on left cylinder head, near fuel injection pump | | |
| T4a | - 4-Pin Connector, behind steering column switch cover | | |
- 

36 - Ground connection, -1-, beside fuse/relay panel

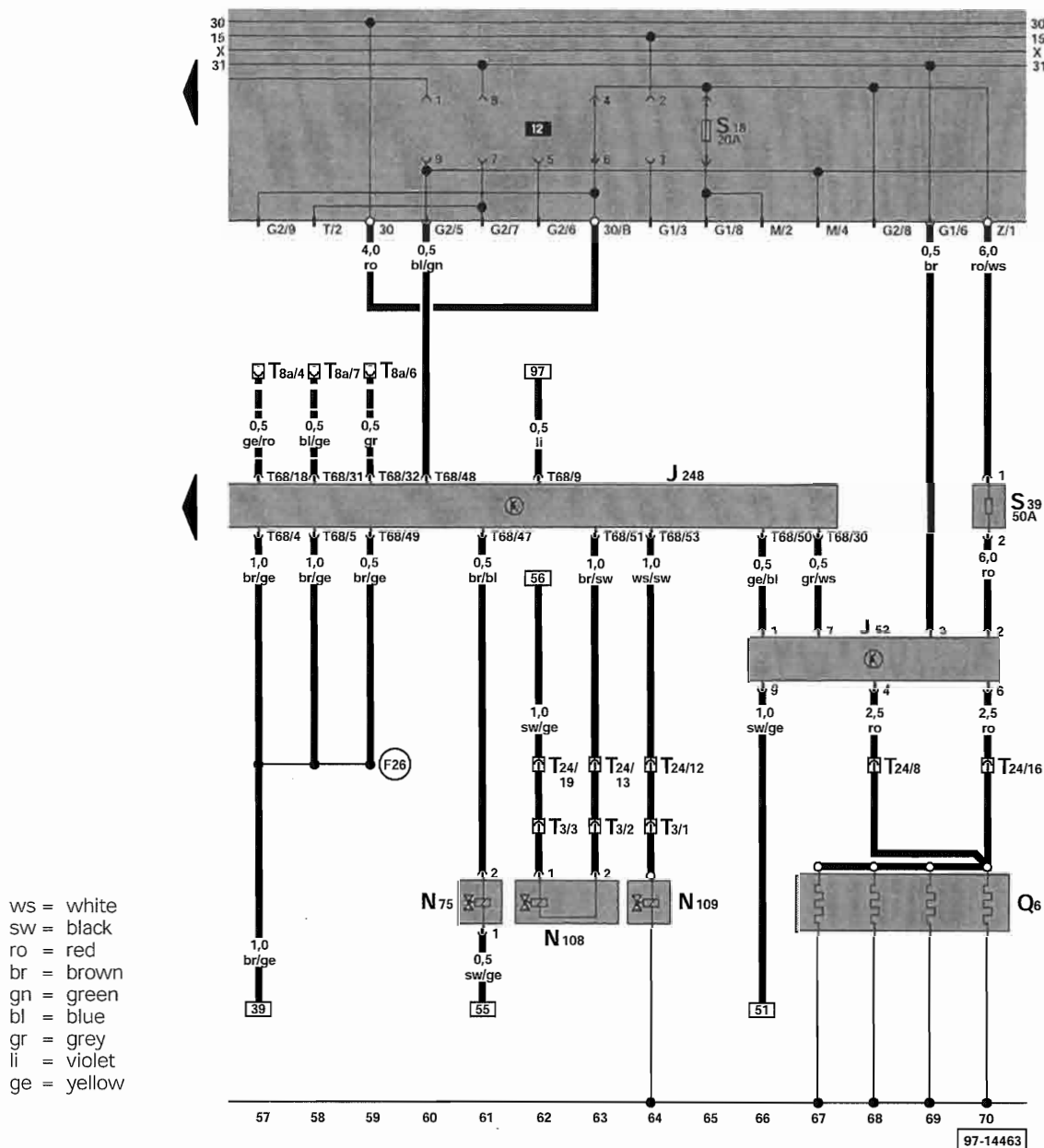
15b - Ground connection, in Diesel Direct Fuel Injection (DFI) wiring harness

220 - Ground connection (sensor ground), in engine compartment wiring harness
- ■ ■ Automatic transmission only



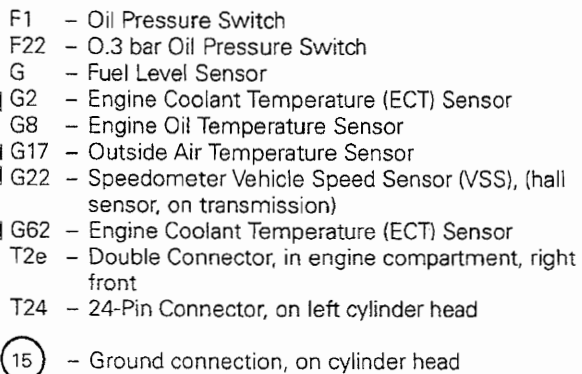
- A - Battery
- F8 - Kick Down Switch, automatic transmission only
- F60 - Closed Throttle Position (CTP) Switch
- G79 - Throttle Position (TP) Sensor
- J248 - Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM), in plenum chamber, right
- J317 - Power Supply (Terminal 30, B+) Relay
- J325 - Coolant Glow Plug Relay
- N18 - EGR Vacuum Regulator Solenoid Valve
- Q7 - Spark plugs (coolant)
- S109 - Fuse for glow plug (coolant)
- T6 - 6-Pin Connector, behind fuse/relay panel
- T24 - 24-Pin Connector, on left cylinder head
- T68 - 68-Pin Connector
- TV13 - Vehicle Speed Signal Wire Connector, above fuse/relay panel

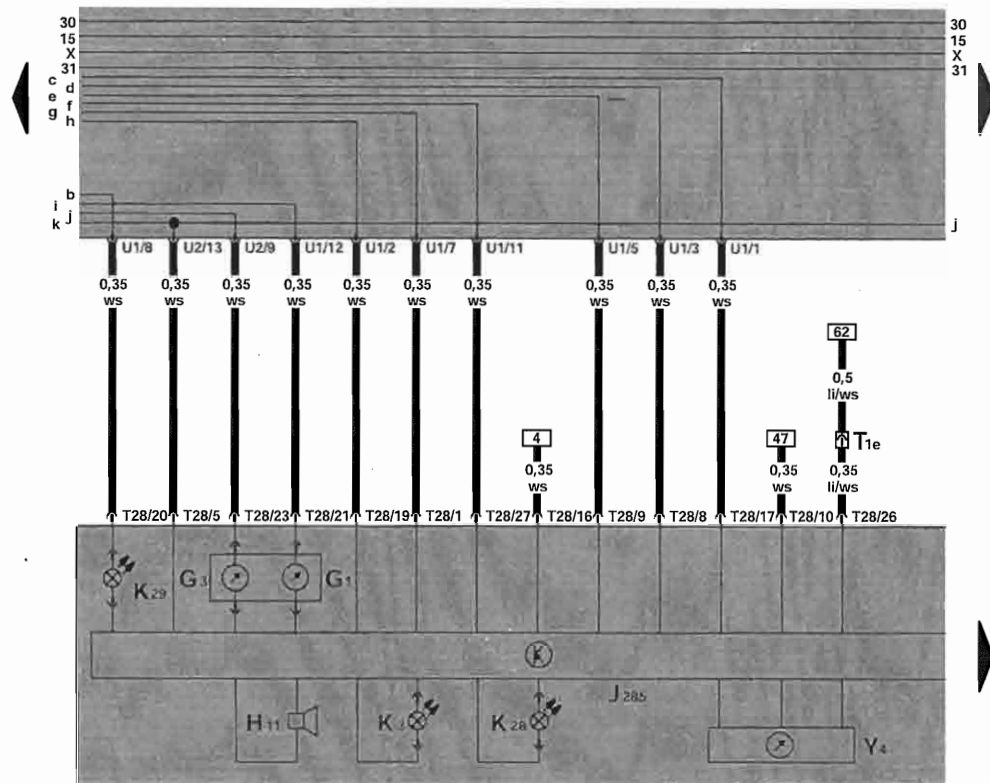
- (156) - Ground connection, in Diesel Direct Fuel Injection (DFI) wiring harness
- (F25) - Wire connection -1-, in Diesel Direct Fuel Injection (DFI) system wiring harness
- (F32) - Wire connection (coolant glow plug) in Diesel Direct Fuel Injection (DFI) system wiring harness



- J52 - Glow Plug Relay, above fuse/relay panel
- J248 - Diesel Direct Fuel Injection (DFI) Engine Control Module (ECM), in plenum chamber , right
- N75 - Wastegate Bypass Regulator Valve
- N108 - Cold Start Injector
- N109 - Fuel Cut-off Valve
- Q6 - Spark plugs (engine)
- S39 - Engine Glow Plug Fuse Strip, on firewall, left
- T3 - 3-Pin Connector, near fuel injection pump
- T8a - 8-Pin Connector, behind fuse/relay panel
- T24 - 24-Pin Connector, on left cylinder head
- T68 - 68-Pin Connector
- F26** - Wire connection -2-, in Diesel Direct Fuel Injection (DFI) system wiring harness

- Automatic transmission only

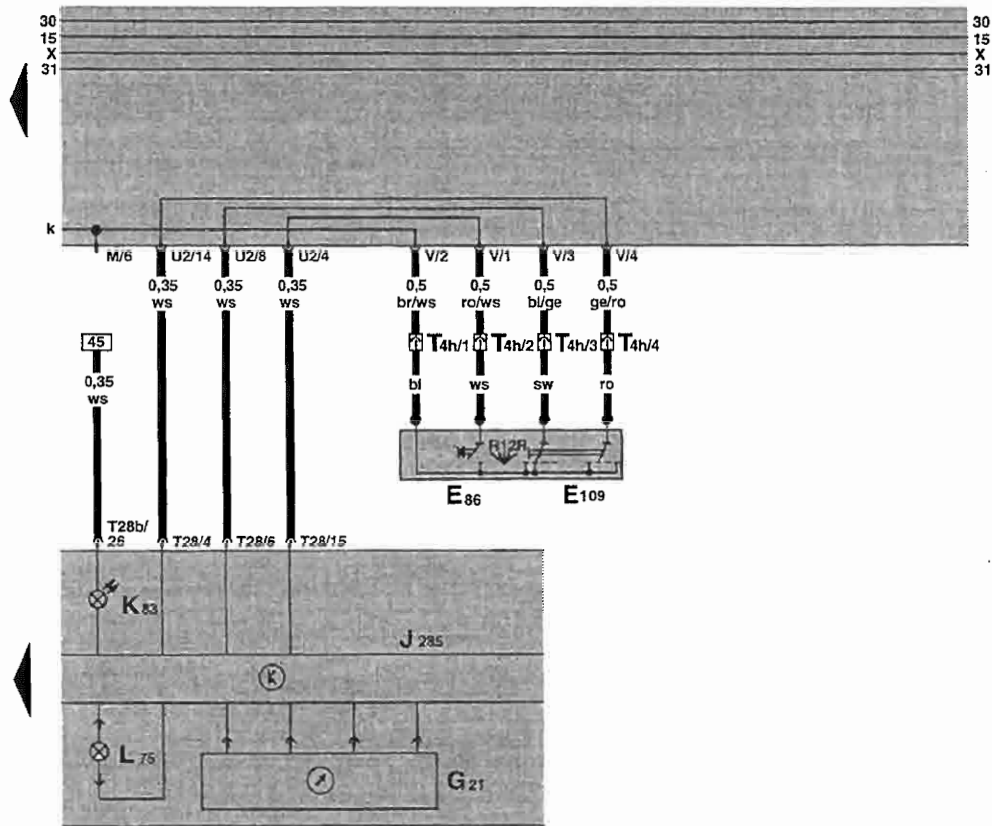




ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

85 86 87 88 89 90 91 92 93 94 95 96 97 98
 97-12755

- G1 - Fuel Gauge
- G3 - Engine Coolant Temperature (ECT) Gauge
- H11 - Oil Pressure Warning Buzzer
- J285 - Control module with indicator unit in instrument panel insert
- K3 - Oil Pressure Warning Light
- K28 - Engine Coolant Level/Temperature (ECL/ECT) Warning Light
- K29 - Glow Plug Indicator Light
- T1e - Single Connector, multi-function indicator signal
- T28 - 28-Pin Connector
- Y4 - Odometer Display



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

- E86 – Multi-Function Indicator Mode Select Switch Starter
- E109 – Multi-Function Indicator Memory Switch
- G21 – Speedometer
- J285 – Control module with indicator unit in instrument panel insert
- K83 – Malfunction Indicator Lamp (MIL)
- L75 – Digital Display Light
- T4h – 4-Pin Connector, behind steering column switch cover
- T28 – 28-Pin Connector