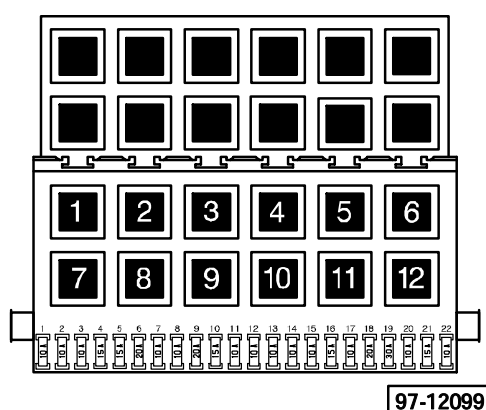


2.8L-Engine – Motronic Muiport Fuel Injection (MFI)/128kW, code AAA,

from August 1994

Relay location

For relay location and multiple connectors see also section "component locations".



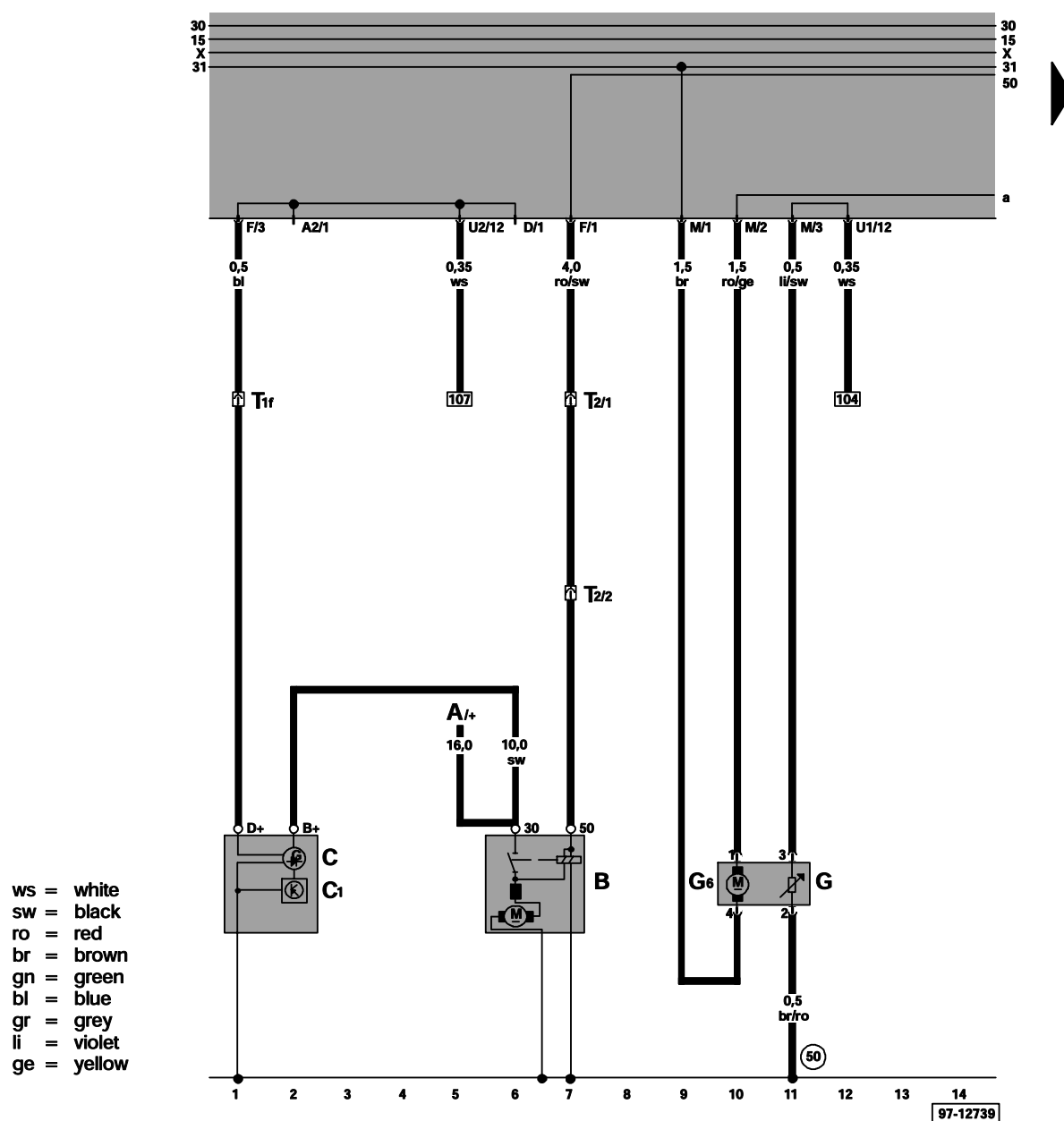
3 – Motronic Engine Control Module (ECM)
Power Supply Relay (109)

12 – Fuel Pump (FP) Relay (167)

Note: Number in parentheses indicates production control number stamped on relay housing.

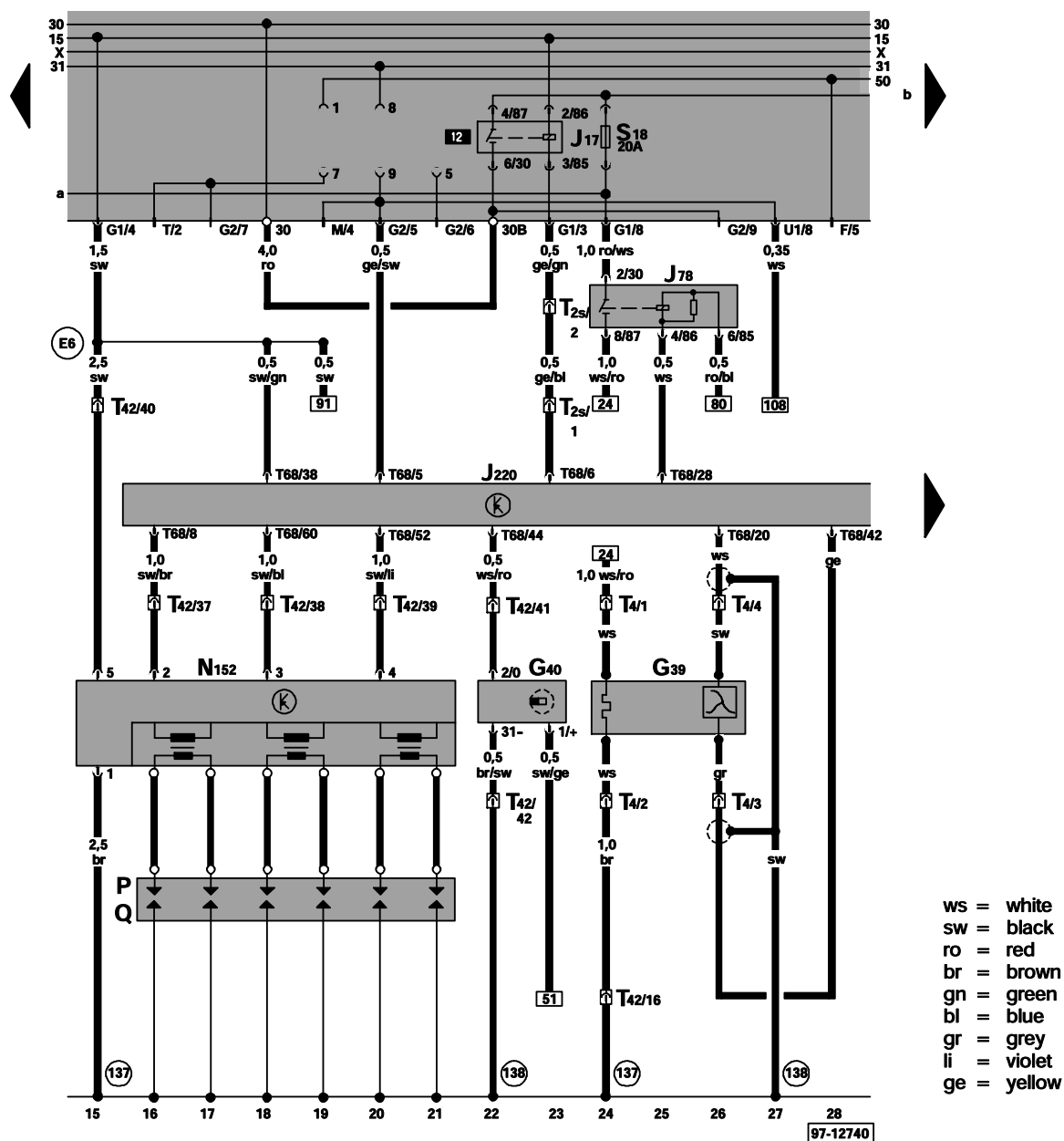
Fuse colors

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



- A - Battery
- B - Starter
- C - Generator (GEN)
- C1 - Voltage Regulator (VR)
- G - Fuel Level Sensor
- G6 - Fuel Pump (FP)
- T1f - Single Connector, near starter
- T2 - Double Connector, behind fuse/relay panel

50 - Ground connection, in luggage compartment, left

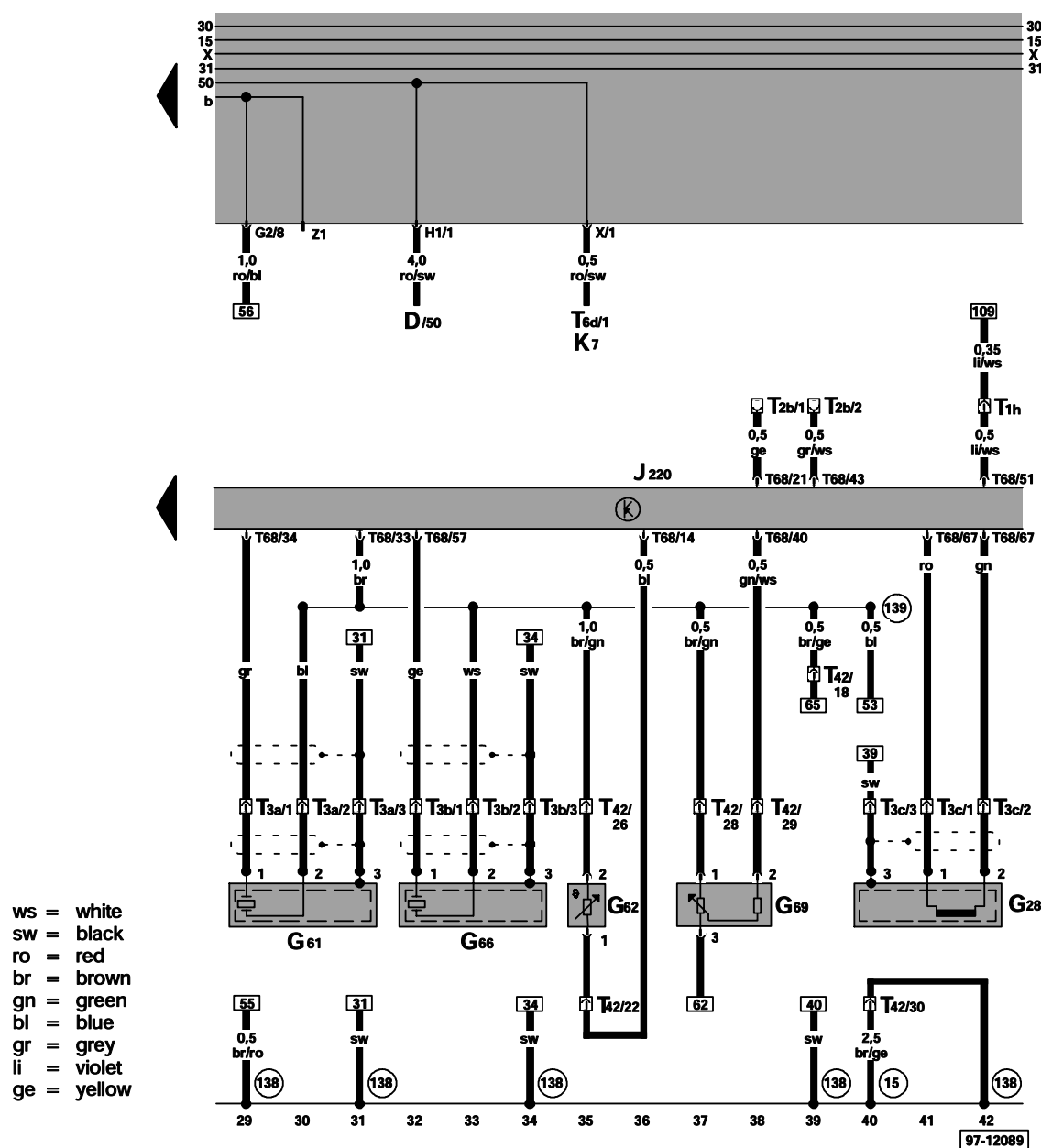


- G39 - Heated Oxygen Sensor (HO2S) (00525)
- G40 - Camshaft Position (CMP) Sensor (00515)
- J17 - Fuel Pump (FP) Relay (01259)
- J220 - Motronic Engine Control Module (ECM), in plenum chamber, right
- J278 - Heated Oxygen Sensor (HO2S) Relay (00640), on auxiliary relay panel, below instrument panel, left
- N152 - Ignition Coil
- P - Spark Plug Connectors
- Q - Spark Plugs
- T2s - Double Connector, behind fuse/relay panel
- T4 - 4-Pin Connector, near exhaust pipe
- T42 - 42-Pin Connector, on left cylinder head
- T68 - 68-Pin Connector, on Motronic Engine Control Module (ECM)

(137) - Ground connection (end stage), in Motronic Multiport Fuel Injection (MFI) wiring harness

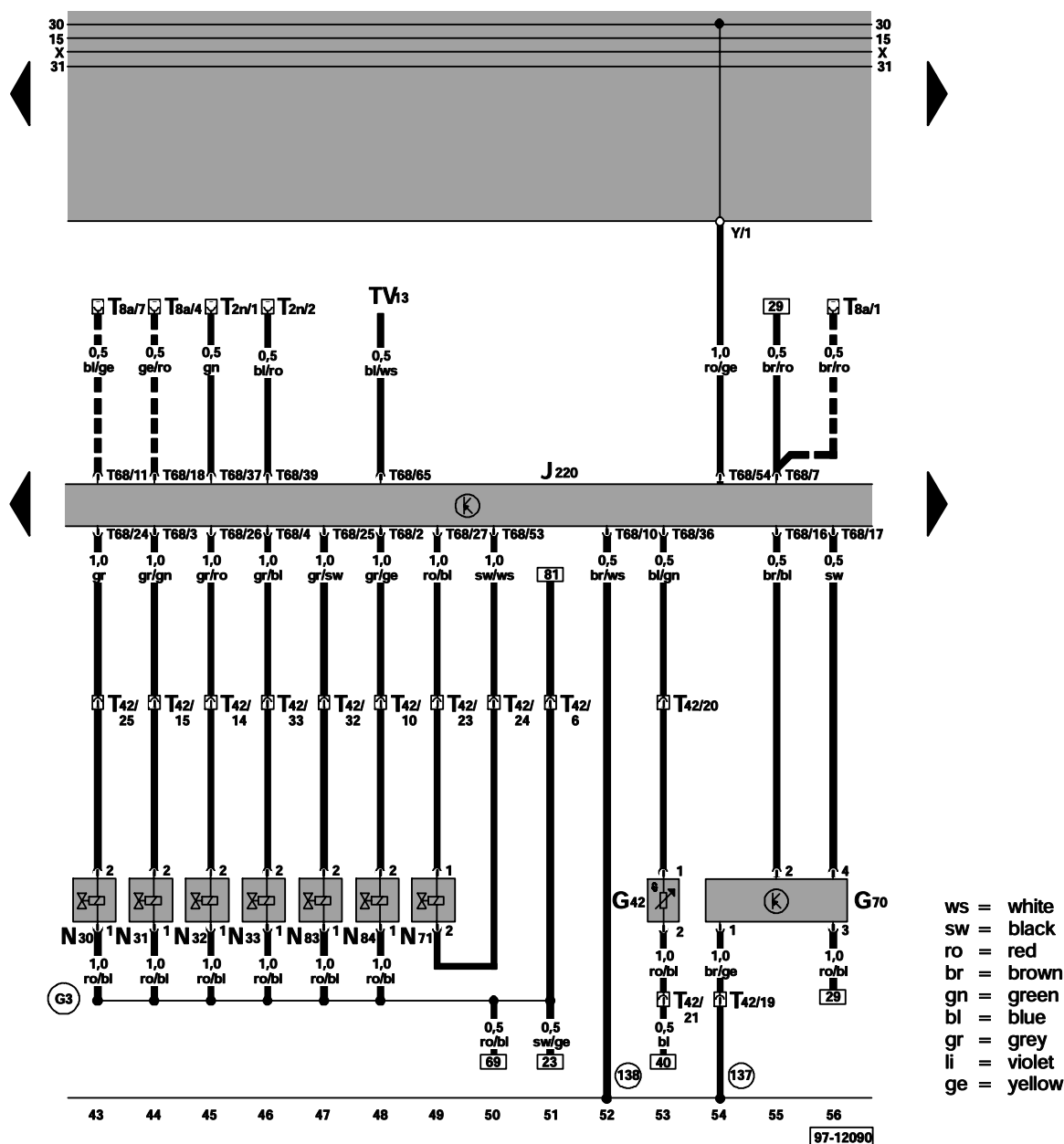
(138) - Ground connection (control module), in Motronic Multiport Fuel Injection (MFI) wiring harness

(E6) - Plus connection -1- (15), in Motronic Multiport Fuel Injection (MFI) wiring harness



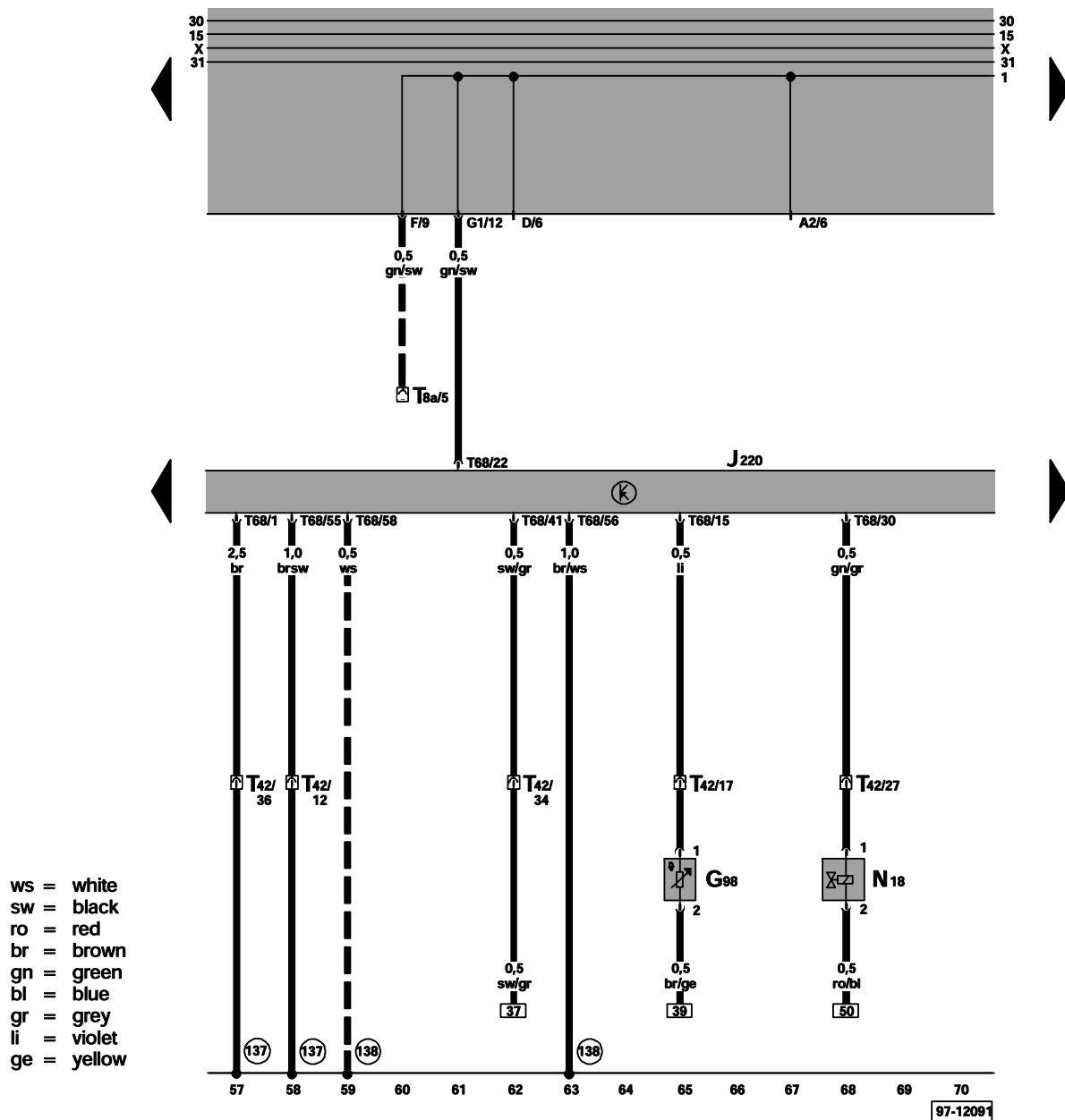
- D - Ignition/Starter Switch
- G28 - Engine Speed (RPM) Sensor (00513)
- G61 - Knock Sensor (KS) 1 (00524)
- G62 - Engine Coolant Temperature (ECT) Sensor (00522)
- G66 - Knock Sensor (KS) II (00540)
- G69 - Throttle Position (TP) Sensor (00518)
- J220 - Motronic Engine Control Module (ECM), in plenum chamber, right
- K7 - Brake and Parking Brake Warning Light (01047)
- T1h - Single Connector, behind fuse/relay panel, consumption signal for multi-function display
- T2b - Double Connector, behind console, on Data Link Connector (DLC) Wire Connector
- T3a - 3-Pin Connector, near starter
- T3b - 3-Pin Connector, near exhaust pipe

- T3c - 3-Pin Connector, near starter
- T6d - 6-Pin Connector
- T42 - 42-Pin Connector, on left cylinder head
- T68 - 68-Pin Connector, on Motronic Engine Control Module (ECM)
- (15) - Ground connection, on cylinder head
- (138) - Ground connection (control module), in Motronic Multiport Fuel Injection (MFI) wiring harness
- (139) - Ground connection (sensor Ground), in Motronic Multiport Fuel Injection (MFI) wiring harness



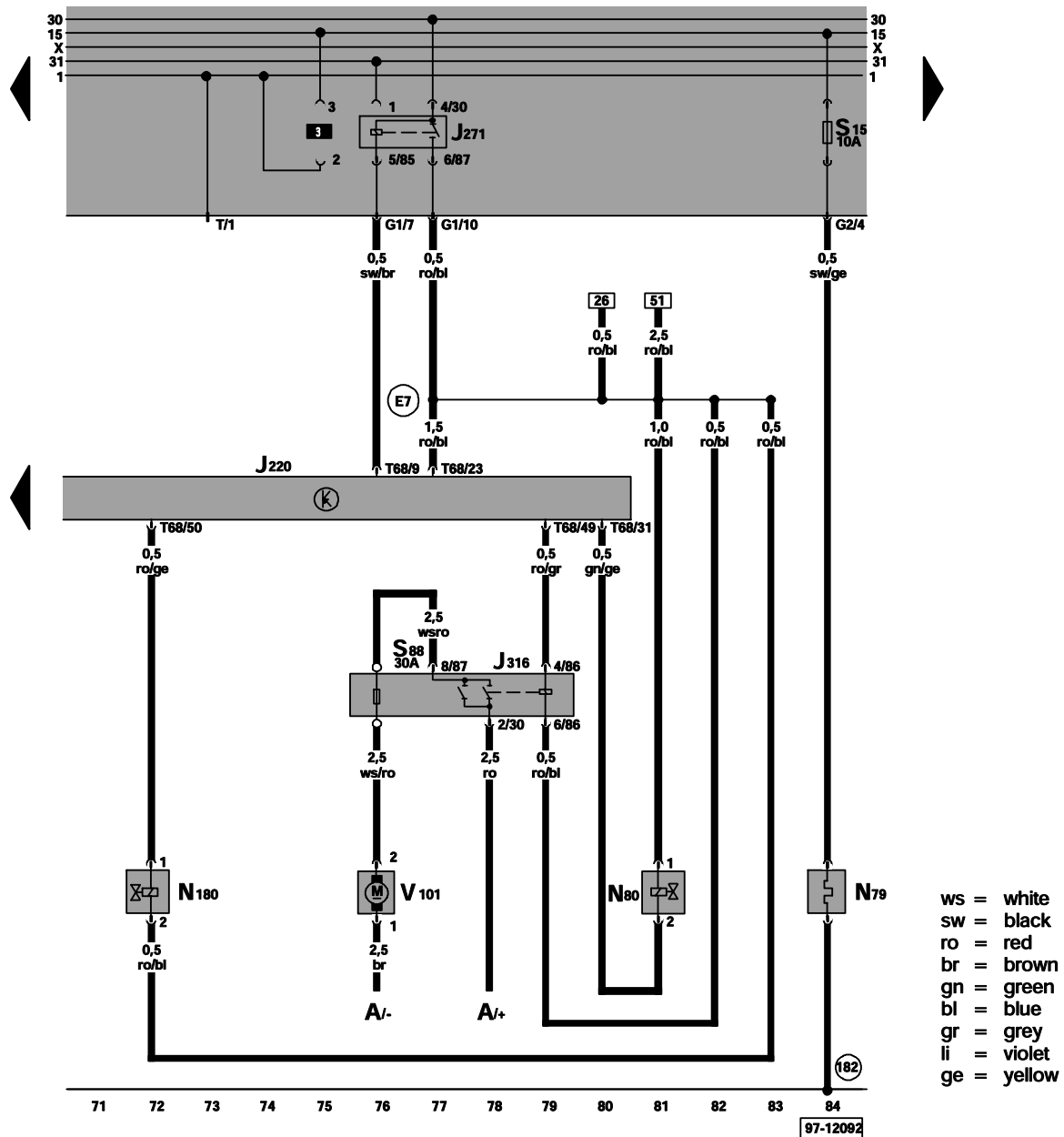
- G42 - Intake Air Temperature (IAT) Sensor (00523)
- G70 - Mass Air Flow (MAF) Sensor (00553)
- J220 - Motronic Engine Control Module (ECM), in plenum chamber, right
- N30 - Cylinder 1 Fuel Injector (01249)
- N31 - Cylinder 2 Fuel Injector (01250)
- N32 - Cylinder 3 Fuel Injector (01251)
- N33 - Cylinder 4 Fuel Injector (01252)
- N71 - Idle Air Control (IAC) Valve (01257)
- N83 - Cylinder 5 Fuel Injector (01253)
- N84 - Cylinder 6 Fuel Injector (01254)
- T2n - Double Connector, behind fuse/relay panel, air conditioning connection
- T2n - Double Connector, behind fuse/relay panel, air conditioning connection
- T8a - 8-Pin Connector, behind fuse/relay panel
- T42 - 42-Pin Connector, on left cylinder head

- T68 - 68-Pin Connector, on Motronic Engine Control Module (ECM)
- TV13 - Vehicle Speed Signal Wire Connector, above fuse/relay panel
- (137) - Ground connection (end stage), in Motronic Multipoint Fuel Injection (MFI) wiring harness
- (138) - Ground connection (control module), in Motronic Multipoint Fuel Injection (MFI) wiring harness
- (G3) - Plus connection, in injector wiring harness
- - Automatic transmission only



- G98 - EGR Temperature Sensor (00585)
J220 - Motronic Engine Control Module (ECM)
N18 - EGR Vacuum Regulator Solenoid Valve (01265)
T8 - 8-Pin Connector, behind fuse/relay panel
T42 - 42-Pin Connector, on left cylinder head
T68 - 68-Pin Connector, on Motronic Engine Control Module (ECM)

--- - Automatic transmission only

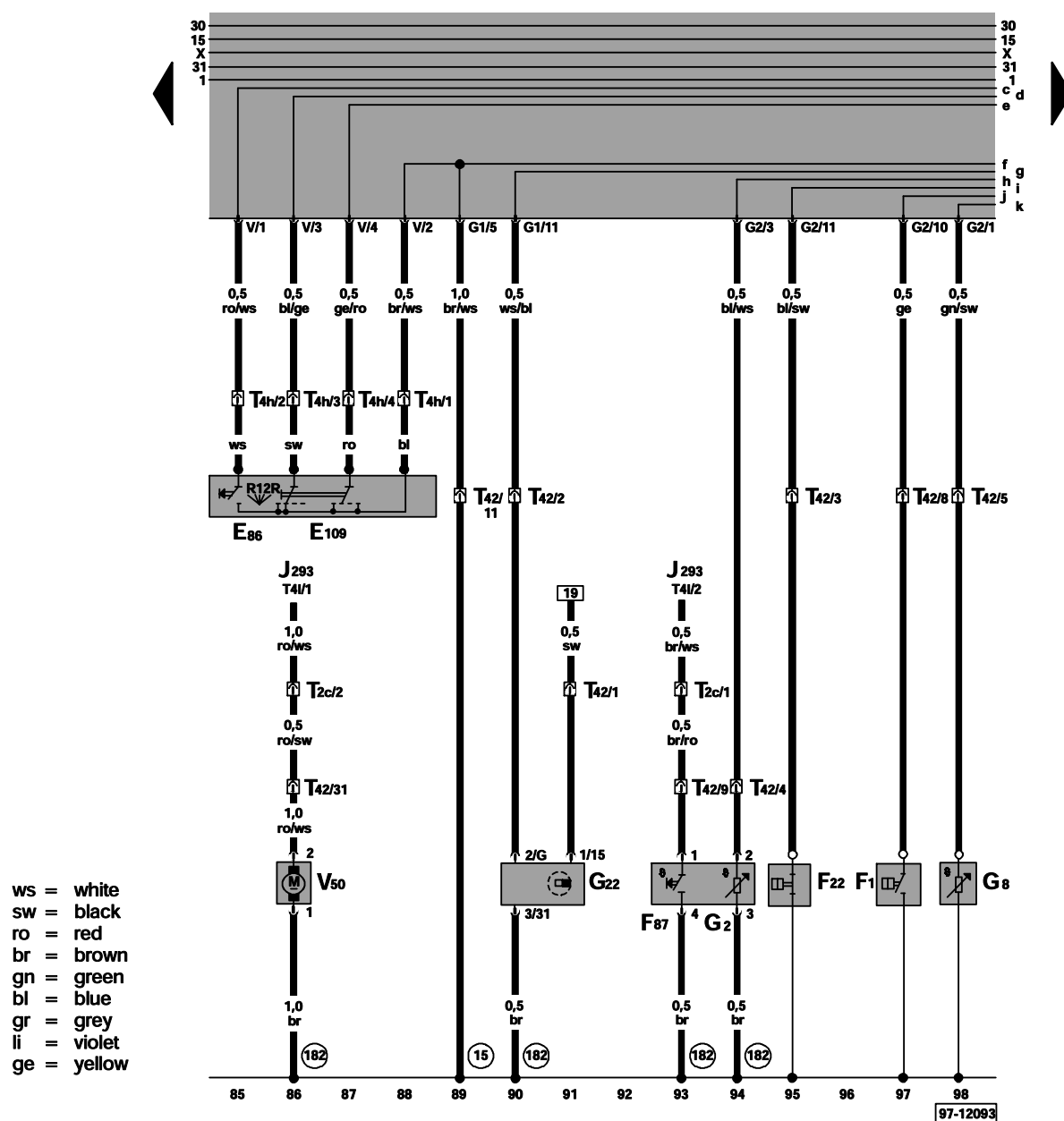


- A – Battery
- J220 – Motronic Engine Control Module (ECM), in plenum chamber, right
- J271 – Motronic Engine Control Module (ECM) Power Supply Relay
- J316 – Secondary Air Injection (AIR) Relay, on firewall, center
- N79 – Positive Crankcase Ventilation (PCV) Heating Element
- N80 – Evaporative Emission (EVAP) Canister Purge Regulator Valve (01247)
- N180 – Change Over Valve
- S88 – Fuse Strip for Secondary Air Injection (AIR) Pump Motor
- T68 – 68-Pin Connector, on Motronic Engine Control Module (ECM)

V101 – Secondary Air Injection (AIR) Pump Motor

(182) – Ground connection – 1–, in engine compartment wiring harness (6 Cylinder)

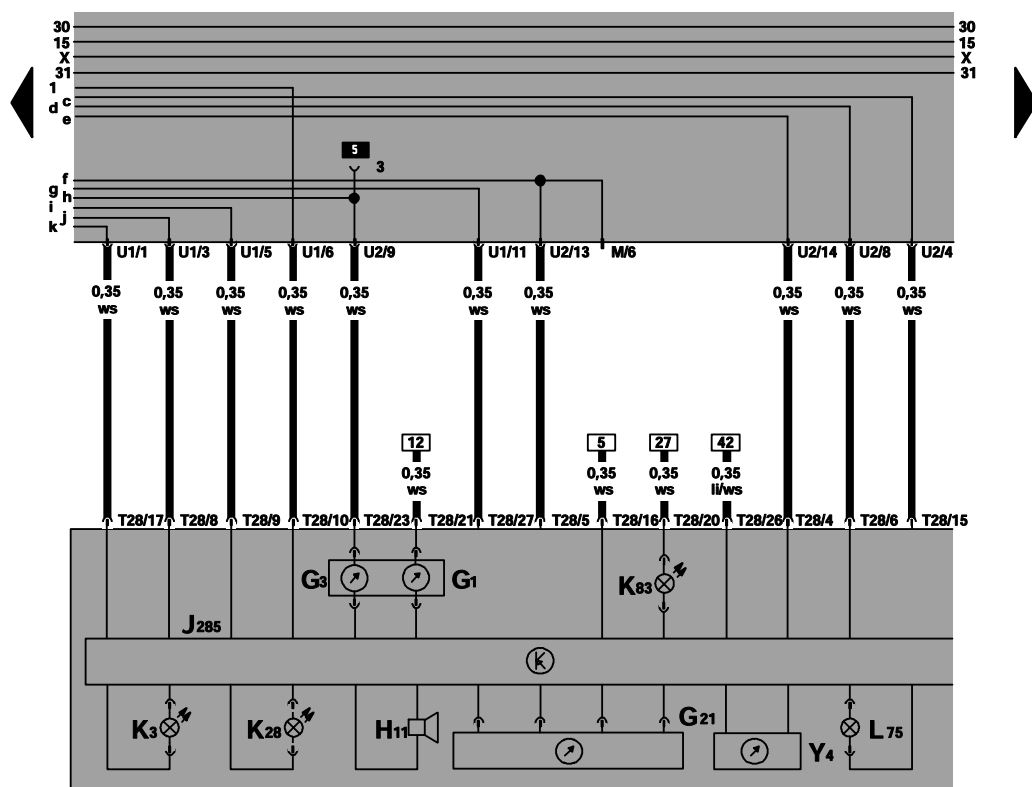
(E7) – Plus connection (87a), in Multiport Fuel Injection (MFI) wiring harness



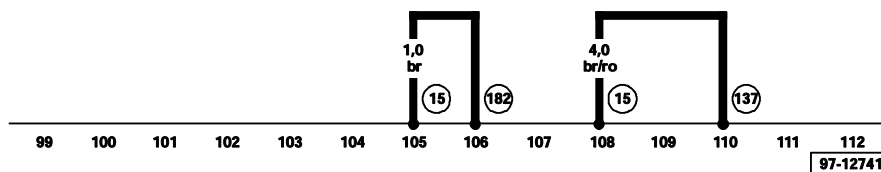
- E86 – Multi-Function Indicator Mode Select Switch
E109 – Multi-Function Indicator Memory Switch
F1 – Oil Pressure Switch
F22 – 0.3 Bar Oil Pressure Switch
F87 – After-Run Coolant Fan Control (FC) Thermal Switch
G2 – Engine Coolant Temperature (ECT) Sensor
G8 – Engine Oil Temperature Sensor
G22 – Speedometer Vehicle Speed Sensor (VSS) (01086)(hall generator, on transmission)
J293 – Coolant FC (Fan Control) Control Module, in engine compartment, left
T2c – Double Connector, behind fuse/relay panel
T4h – 4-Pin Connector, behind steering column switch cover

- T4l – 4-Pin Connector, on Coolant FC (Fan Control) Control Module
T42 – 42-Pin Connector, on left cylinder head
V50 – Coolant Pump

- (15) – Ground connection, on cylinder head
(182) – Ground connection – 1 –, in engine compartment wiring harness (6 Cylinder)



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



- G1 – Fuel Gauge
- G3 – Engine Coolant Temperature (ECT) Gauge
- G21 – Speedometer
- H11 – Oil Pressure Warning Buzzer
- J285 – Control Module With Display Unit In Instrument Cluster
- K3 – Oil Pressure Warning Light
- K28 – Engine Coolant Level/Temperature (ECL/ECT) Warning Light
- K83 – Malfunction Indicator Lamp (MIL)
- L75 – Digital Display Light
- T28 – 28-Pin Connector, on instrument cluster
- Y4 – Odometer Display

- (15) – Ground connection, on cylinder head
- (137) – Ground connection (end stage), in Motronic Multiport Fuel Injection (MFI) wiring harness
- (182) – Ground connection – 1-, in engine compartment wiring harness (6 Cylinder)