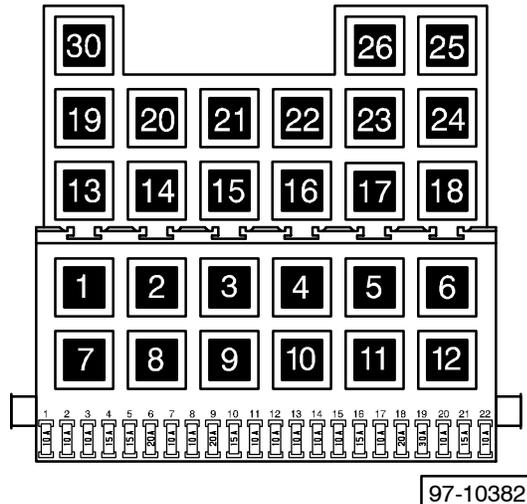


2.5 L-Engine – Digifant Multiport Fuel Injection (MFI)/81kW, code AAF,

from April 1992 to August 1992

Relay location

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

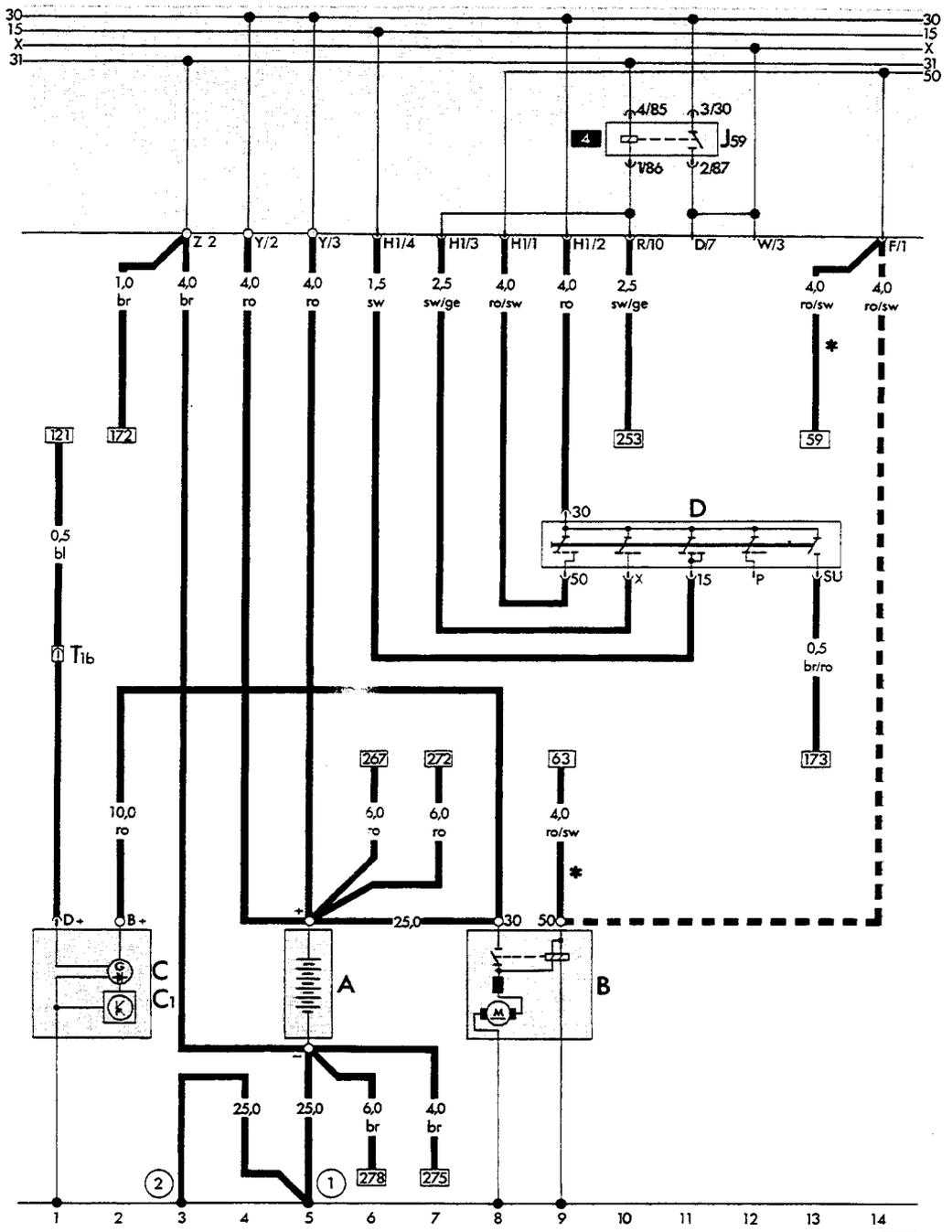


- 2** – Rear Window Wiper/Washer Relay (72)
- 3** – Digifant Engine Control Module (ECM)
Power Supply Relay (30)
- 4** – Load Reduction Relay (18)
- 6** – Emergency Flasher Relay (21)
- 8** – Washer/Wiper Intermittent Relay (19)
- 9** – Seat Belt Warning System Relay (4)
- 11** – Dual Horn Relay (53)
- 12** – Fuel Pump (FP) Relay (80)
- 14** – Engine Coolant Pump Relay (38)
- 20** – Park/Neutral Position (PNP) Relay (150)
- 21** – Automatic Transmission Fuse

Fuse colors

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

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

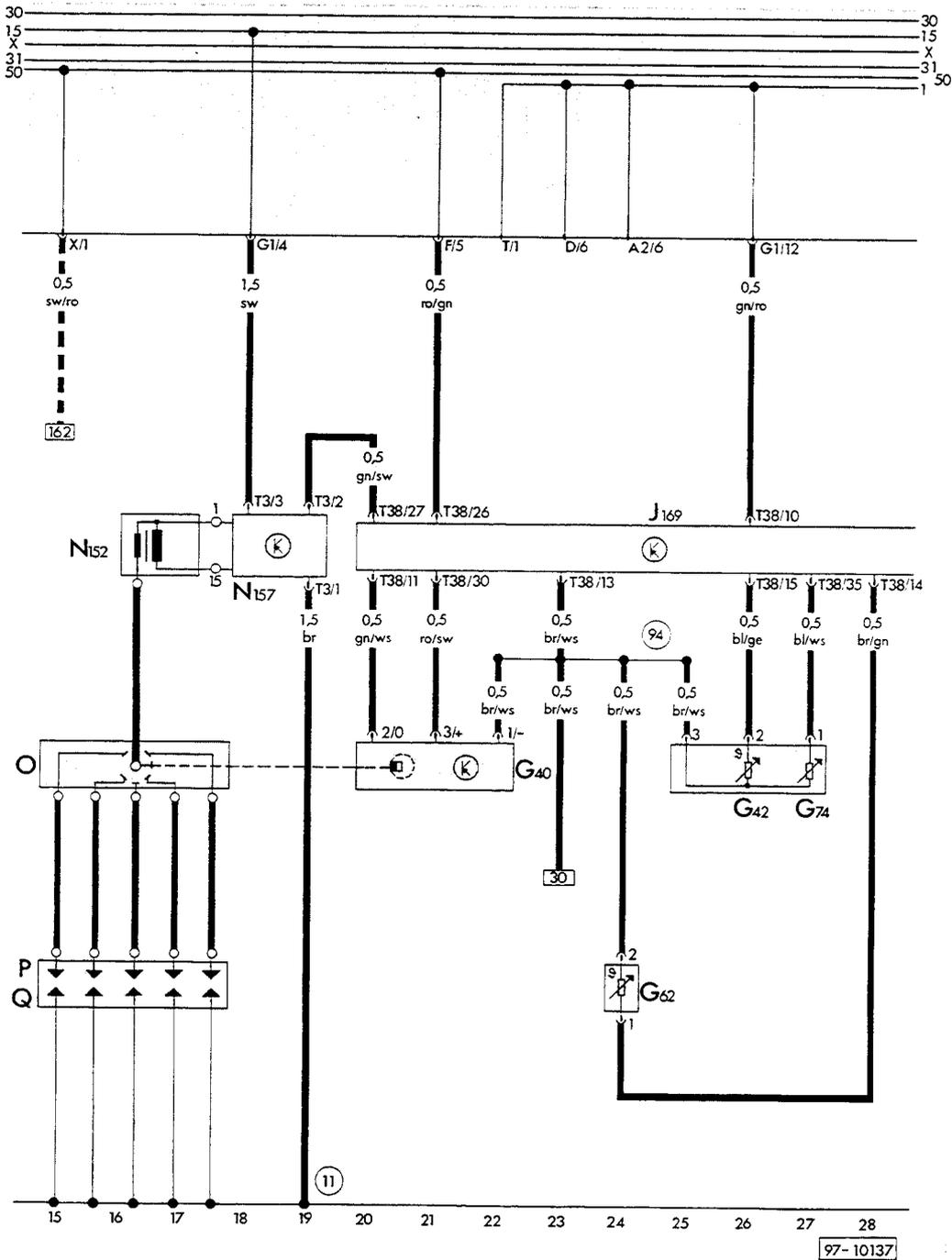


97-10136

- A - Battery
- B - Starter
- C - Generator (GEN)
- C1 - Voltage Regulator (VR)
- D - Ignition/Starter Switch
- J59 - Load Reduction Relay
- T1b - Single Connector, near starter

- ① - Ground strap, battery to body
- ② - Ground strap, transmission to body

- * - Automatic transmission only
- — Manual transmission only

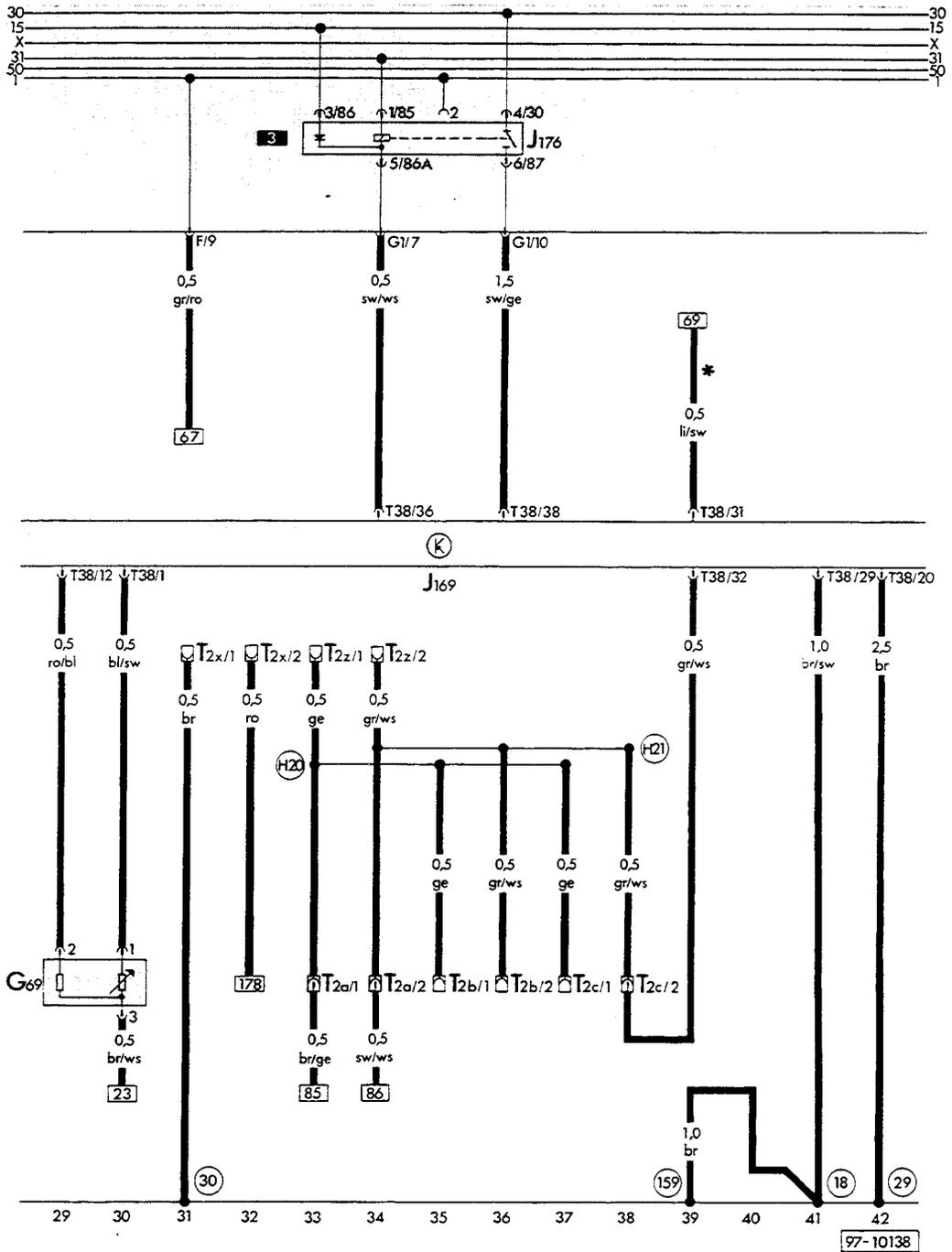


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = violet
- ge = yellow

- G40 – Camshaft Position (CMP) Sensor
- G42 – Intake Air Temperature (IAT) Sensor (00523–2322)
- G62 – Engine Coolant Temperature (ECT) Sensor (0522–2312)
- G74 – CO Fuel Trim (FT) Potentiometer (00521–2242)
- J169 – Digifant Engine Control Module (ECM), near battery
- N152 – Ignition Coil
- N157 – Ignition Coil Power Output Stage
- O – Ignition Distributor
- P – Spark Plug Connectors
- Q – Spark Plugs
- T3 – 3-Pin Connector
- T38 – 38-Pin Connector

- (11) – Ground connection, in battery box
- (94) – Ground connection -1-, in Digifant Multipoint Fuel Injection (MFI) wiring harness

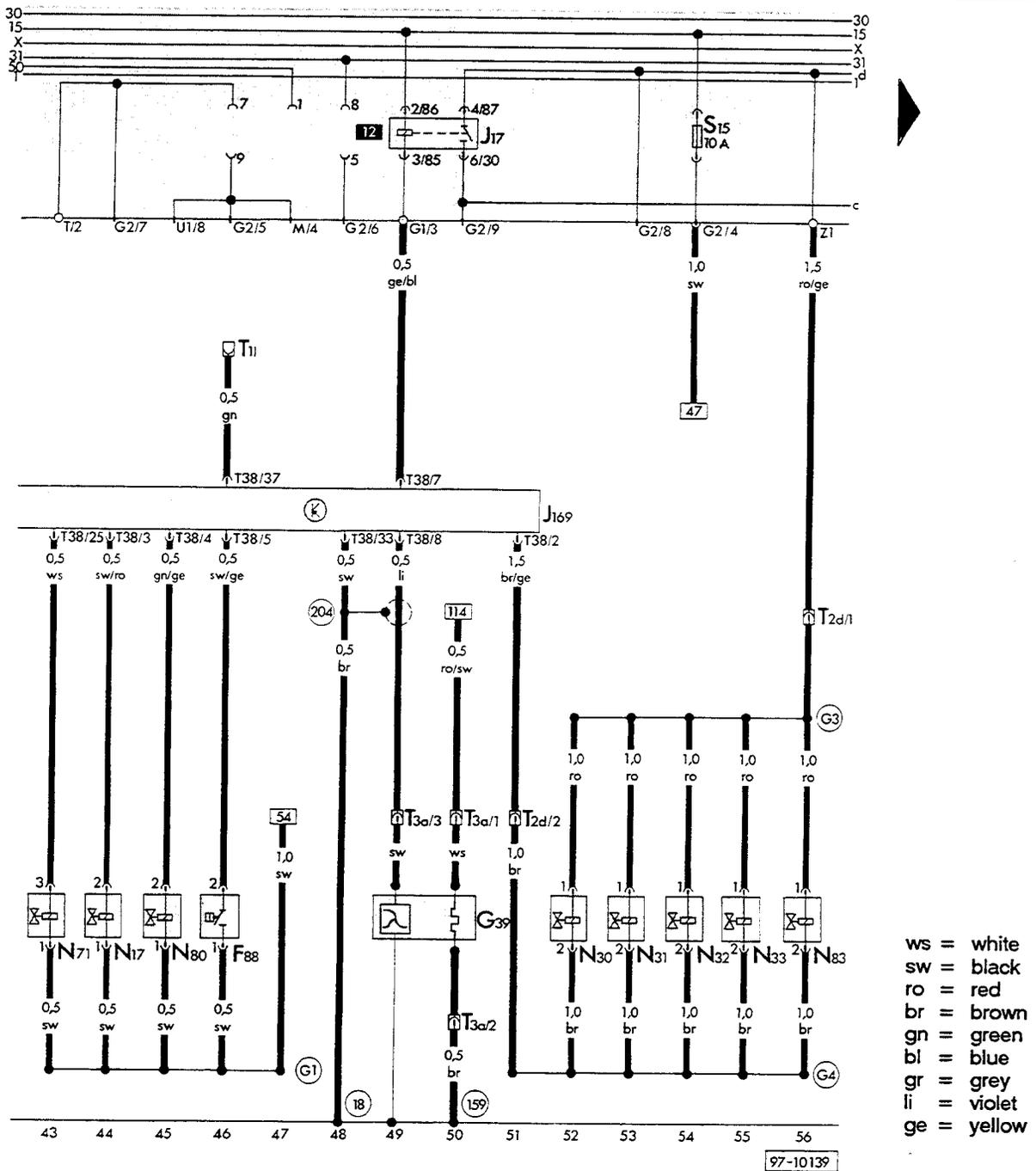
--- Manual transmission only



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

- G69 – Throttle Position (TP) Sensor (00518-2212)
- J169 – Digifant Engine Control Module (ECM), near battery
- J176 – Digifant Engine Control Module (ECM) Power Supply Relay
- T2a – Double Connector, behind instrument panel, left
- T2b – Double Connector, behind instrument panel, left*
- T2c – Double Connector behind instrument panel, left
- T2x – Double Connector, –black–, behind fuse/relay panel cover (OBD)
- T2z – Double Connector, –white–, behind fuse/relay panel cover (OBD)
- T38 – 38-Pin Connector (T38/31 is connected with automatic transmission only)

- (18) – Ground connection, on engine block
- (29) – Ground connection, near battery
- (30) – Ground connection, -1-, beside fuse/relay panel
- (159) – Ground connection -2-, in Digifant Multiport Fuel Injection (MFI) wiring harness
- (H20) – Wire connection -1-, in On Board Diagnostic (OBD) wiring harness
- (H21) – Wire connection -2-, in On Board Diagnostic (OBD) wiring harness
- * Automatic transmission only
- ** With further On Board Diagnostic (OBD) system only



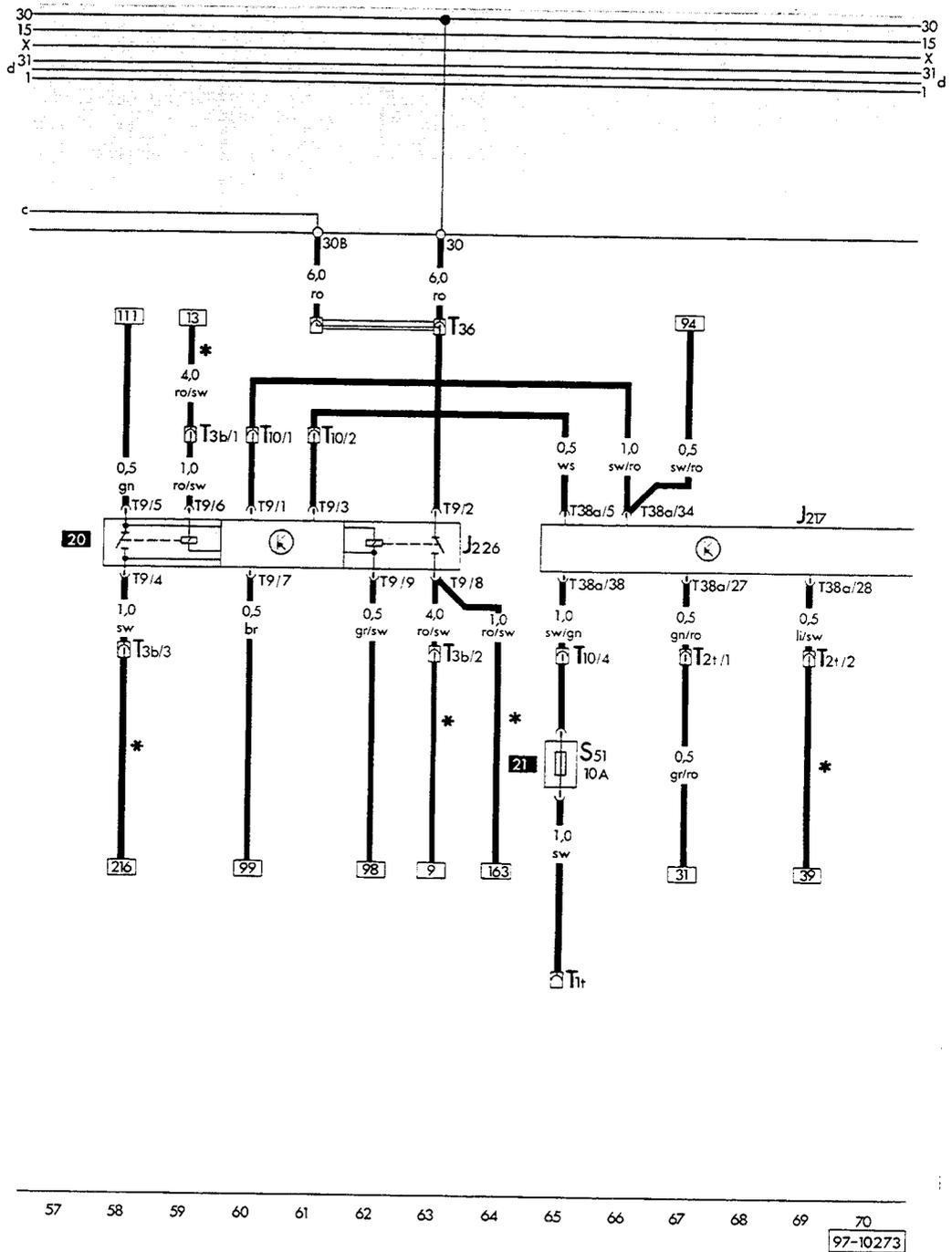
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

97-10139

- F88 – Power Steering Pressure (PSP) Switch
 G39 – Heated Oxygen Sensor (HO2S) (00525–2342)
 J17 – Fuel Pump (FP) Relay
 J169 – Digifant Engine Control Module (ECM), near battery
 N17 – Cold Start Injector
 N30 – Cylinder 1 Fuel Injector
 N31 – Cylinder 2 Fuel Injector
 N32 – Cylinder 3 Fuel Injector
 N33 – Cylinder 4 Fuel Injector
 N71 – Idle Air Control (IAC) Valve
 N80 – Evaporative Emission (EVAP) Canister Purge Regulator Valve
 N83 – Cylinder 5 Fuel Injector
 T11 – Single Connector, behind fuse/relay panel (for A/C)
 T2d – Double Connector, in engine compartment, right

- T3a – 3-Pin Connector, near exhaust manifold
 T38 – 38-Pin Connector

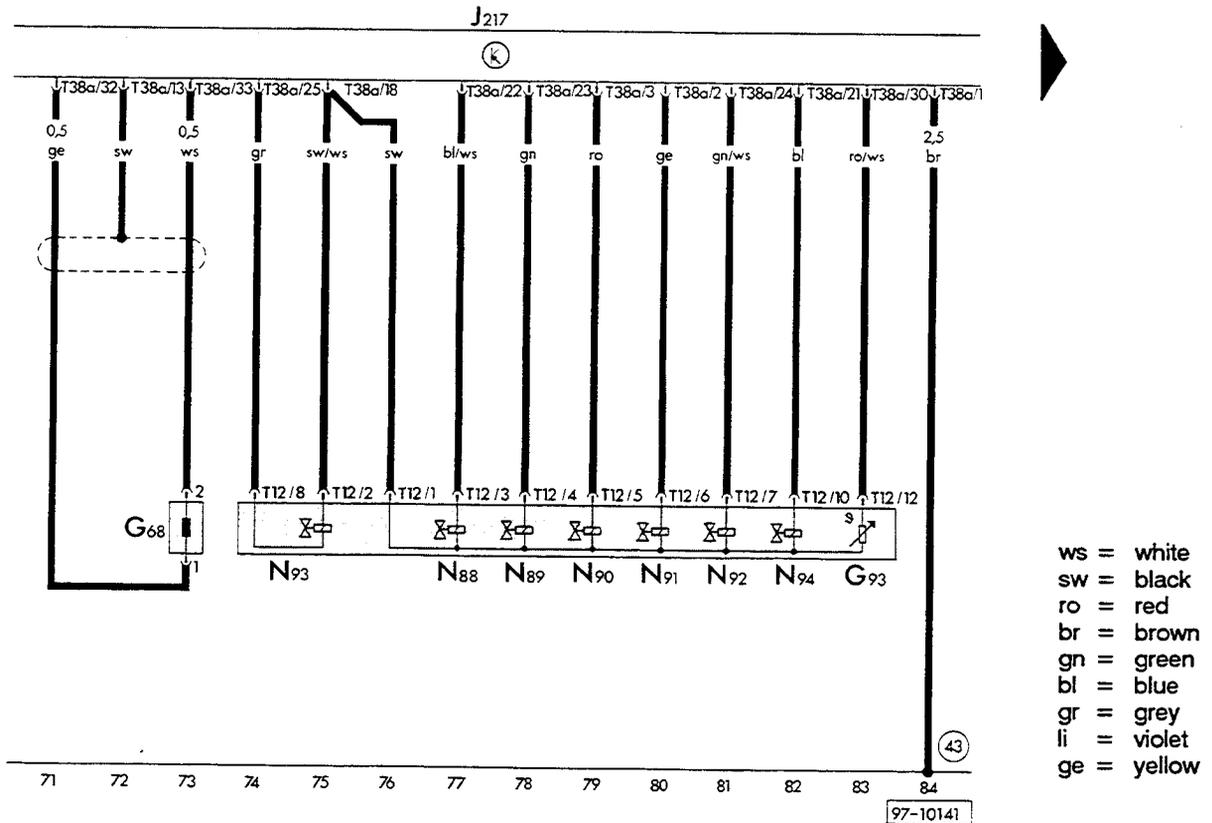
- (18) – Ground connection, on engine block
 (159) – Ground connection -2-, in Digifant Multiport Fuel Injection (MFI) wiring harness
 (204) – Ground connection -3-, in Digifant Multiport Fuel Injection (MFI) wiring harness
 (G1) – Plus connection, in Digifant Multiport Fuel Injection (MFI) wiring harness
 (G3) – Plus connection, in injector wiring harness
 (G4) – Wire connection, in injector wiring harness



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

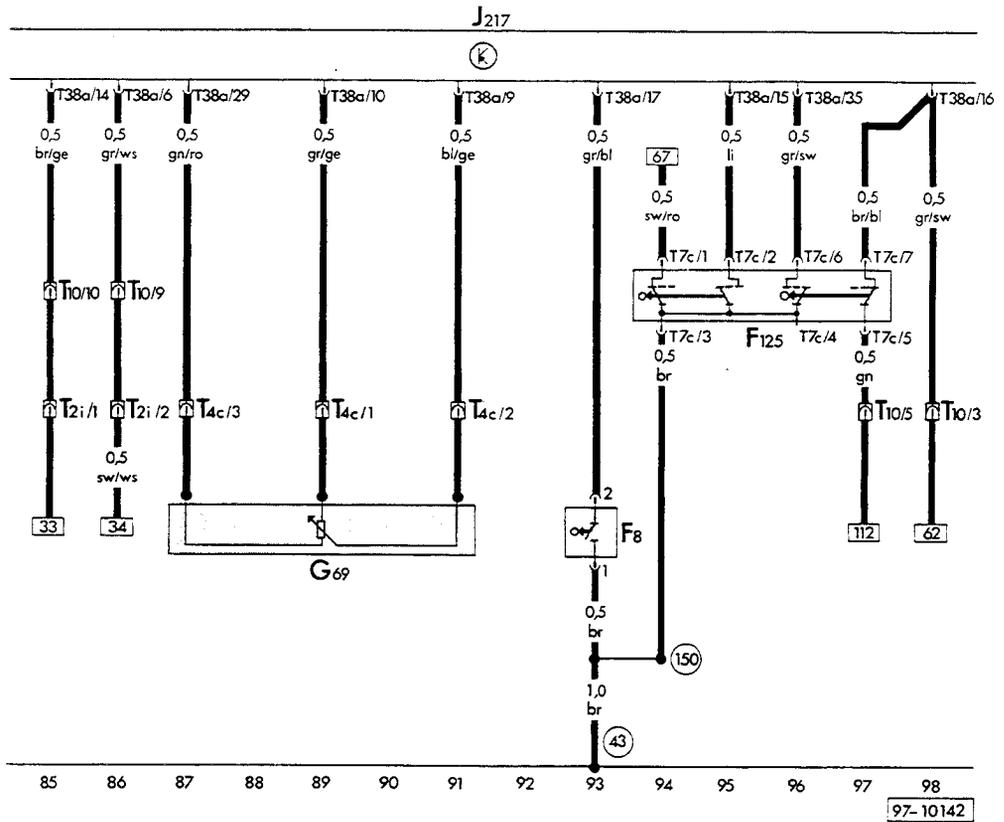
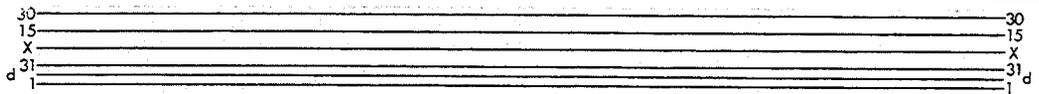
- J217 – Transmission Control Module (TCM)
near A-pillar, right
- J226 – Park/Neutral Position (PNP) Relay*
- T1t – Single Connector, behind fuse/relay panel
(cruise control)
- T2t – Double Connector, in engine compart-
ment, near transmission
- T3b – 3-Pin Connector, behind fuse/relay panel
- T9 – 9-Pin Connector
- T10 – 10-Pin Connector, behind instrument
panel, right
- T36 – Wire Connector, Terminal 30 (B+),
behind fuse/relay panel
- T38a – 38-Pin Connector
- S51 – Fuse

* – Automatic transmission only



- G68 – Vehicle Speed Sensor (VSS) (00281–1231)
 G93 – Transmission Fluid Temperature Sensor (00300–1333)
 J217 – Transmission Control Module (TCM), near
 A-pillar, right
 N88 – Solenoid Valve 1 (00258–1113)
 N89 – Solenoid Valve 2 (00260–1121)
 N90 – Solenoid Valve 3 (00262–1123)
 N91 – Solenoid Valve 4 (00264–1131)
 N92 – Solenoid Valve 5 (00266–1133)
 N93 – Solenoid Valve 6 (00268–1141)
 N94 – Solenoid Valve 7 (00270–1143)
 T12 – 12-Pin Connector, on valve body
 T38a – 38-Pin Connector

- (43) – Ground connection, on right A-pillar,
 lower part

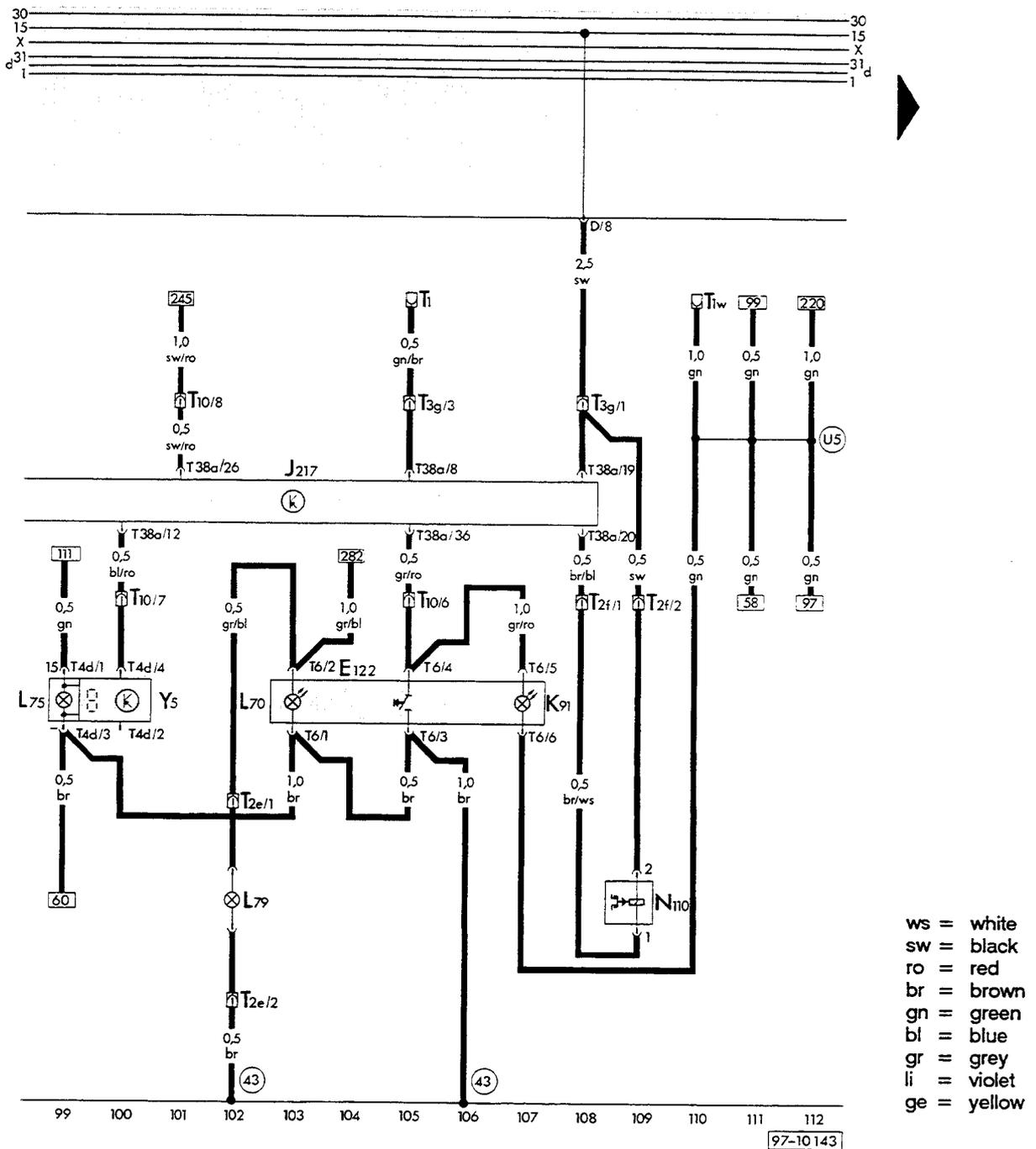


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = violet
- ge = yellow

- F8 - Kick Down Switch
- F125 - Multi-Function Transmission Range (TR) Switch (00293-1314)
- G69 - Throttle Position (TP) Sensor (00518-2212)
- J217 - Transmission Control Module (TCM), near A-pillar, right
- T2i - Double Connector, behind instrument panel, left
- T4c - 4-Pin Connector, near G69
- T7c - 7-Pin Connector
- T10 - 10-Pin Connector, behind instrument panel, right
- T38a - 38-Pin Connector

(150) - Ground connection, in automatic transmission wiring harness

(43) - Ground connection, on right A-pillar, lower part



E122 – Transmission Range (TR) Program Switch (00299–1332)

J217 – Transmission Control Module (TCM), near A-pillar, right

K 91 – Automatic Transmission (A/T) Sport Mode Indicator Light

L70 – Program Switch Illumination

L75 – Digital Display Light

L79 – Selector Lever Light

N110 – Shift Lock Solenoid (01236–4314)

T1 – Single Connector, near fuse/ relay panel (for A/C)

T1w – Single Connector, near fuse/ relay panel

T2e – Double Connector, near selector lever

T2f – Double Connector, behind instrument panel, right

T3g – 3-Pin Connector

T4d – 4-Pin Connector

T6 – 6-Pin Connector

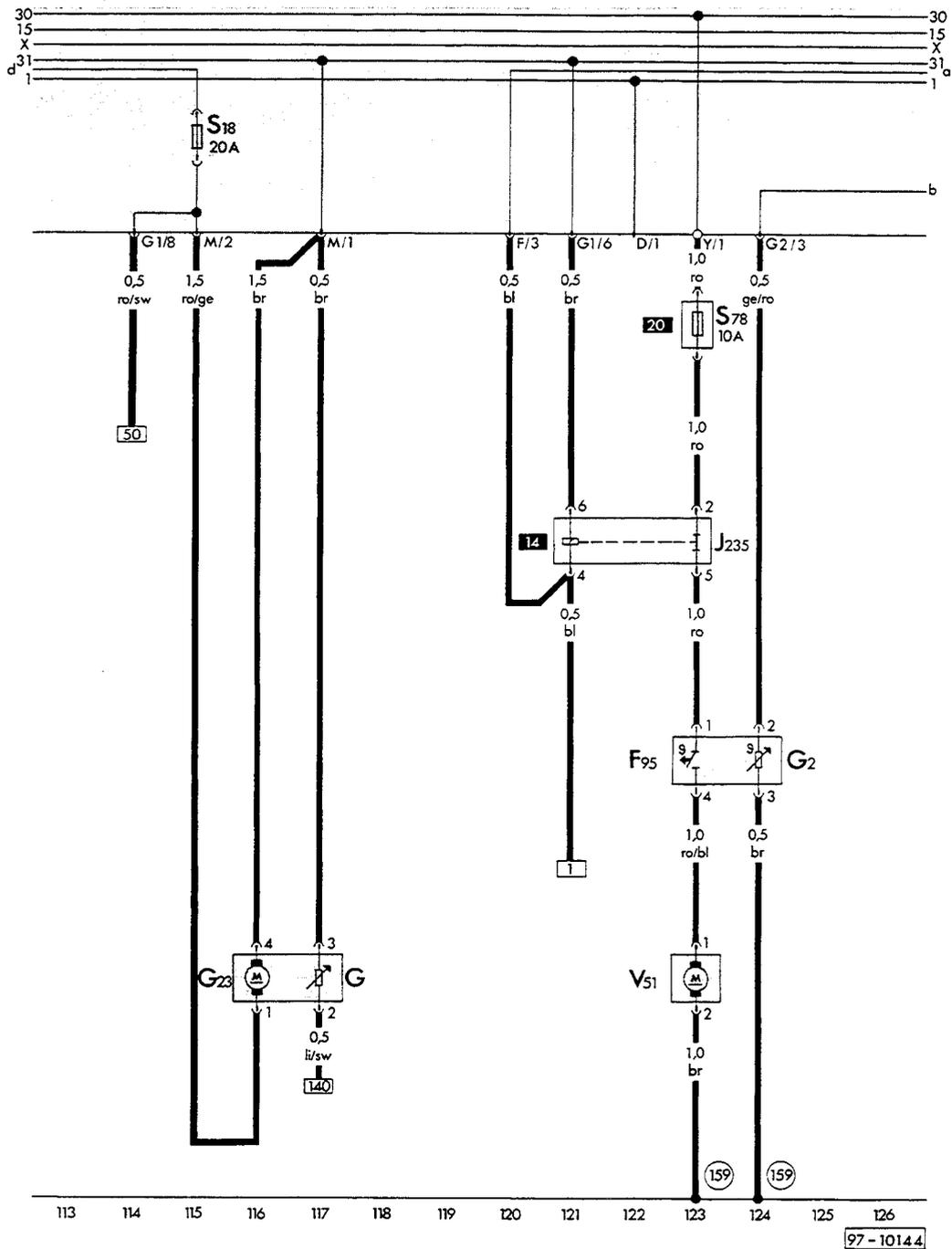
T10 – 10-Pin Connector

T38a – 38-Pin Connector

Y5 – Transmission Range (TR) Selector Lever Display

43 – Ground connection, on right A-pillar, lower part

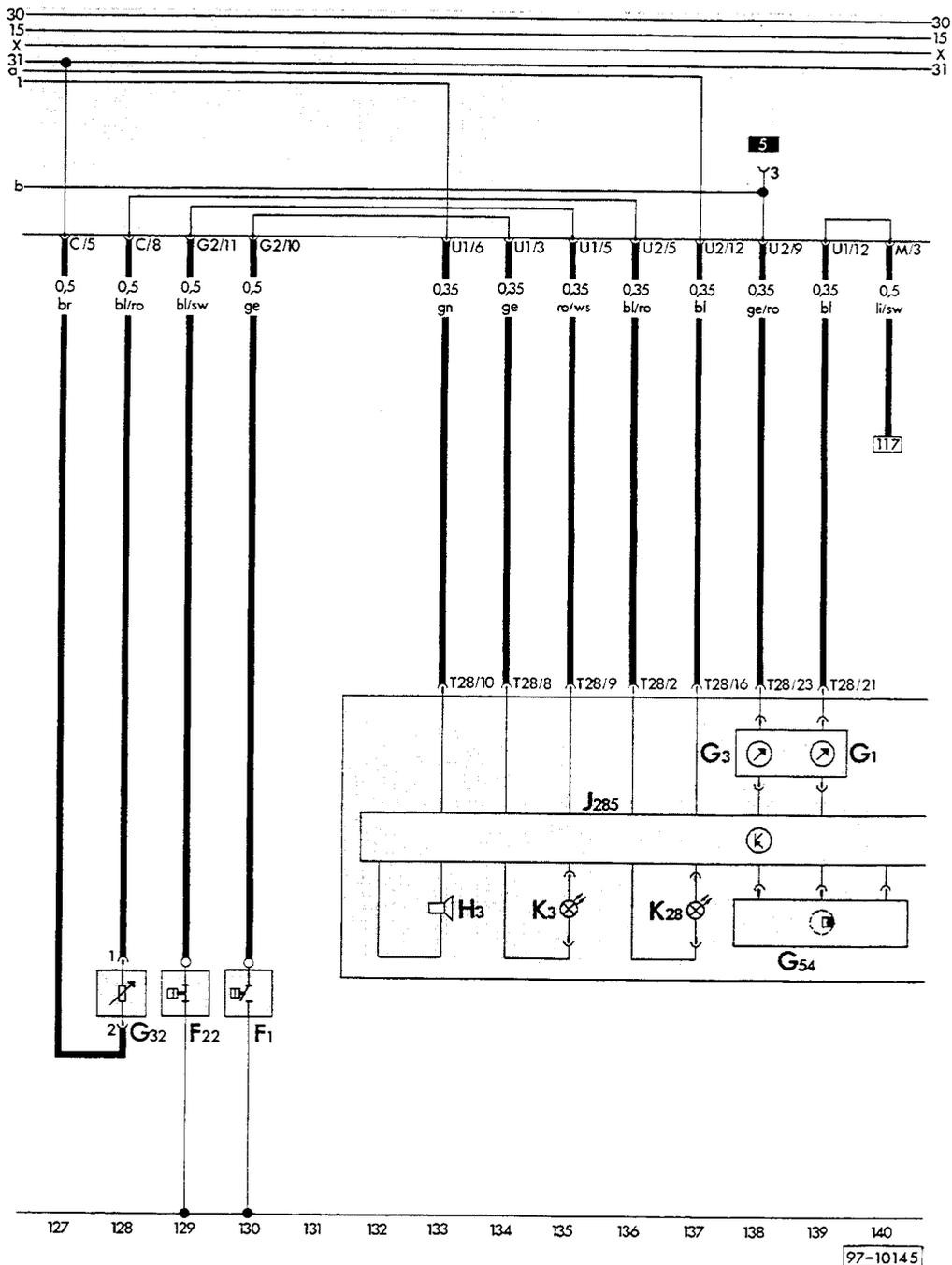
U5 – Wire connection -2- (15), in automatic transmission wiring harness



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

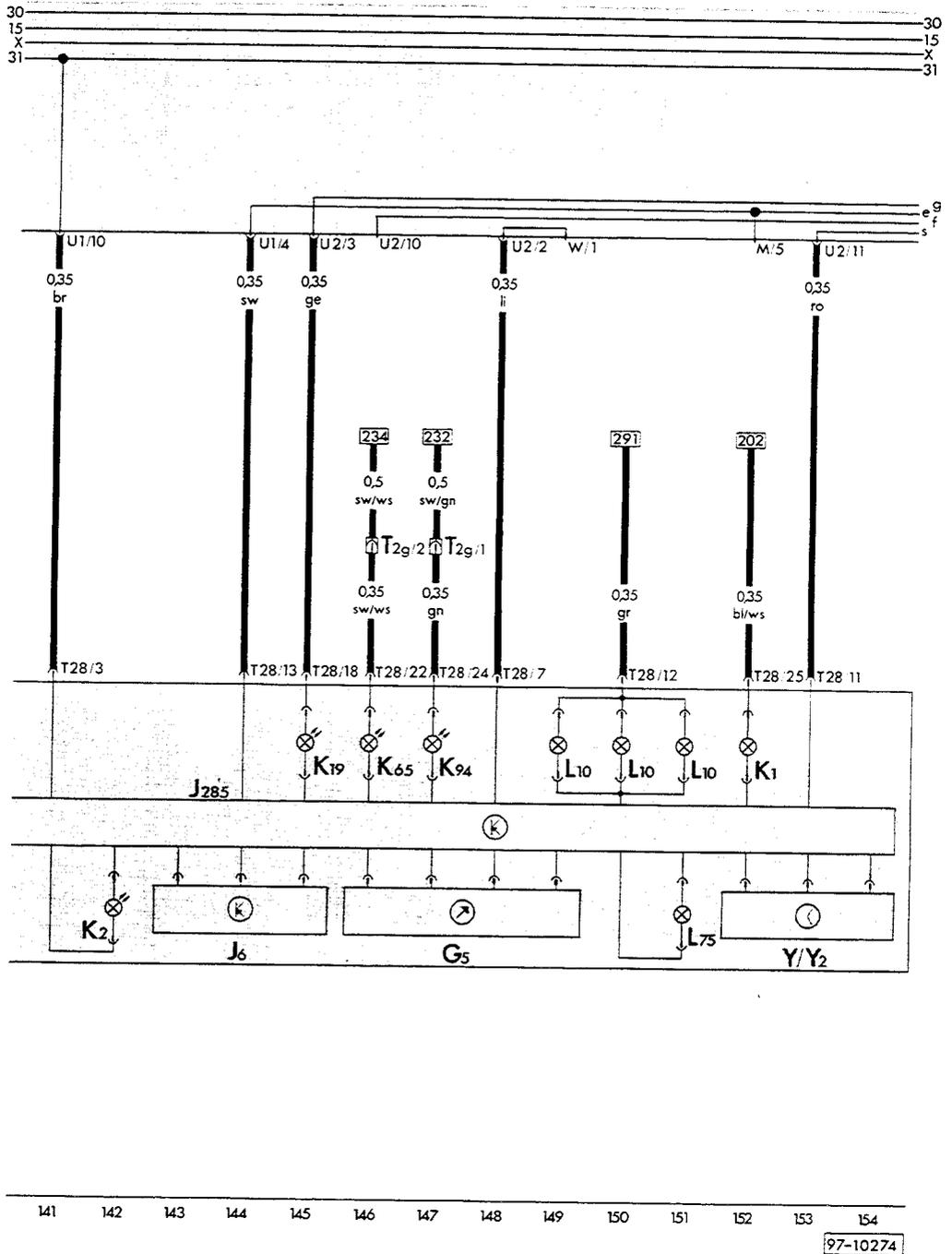
- F95 – After-Run Coolant Pump Thermal Switch *
- G – Fuel Level Sensor
- G2 – Engine Coolant Temperature (ECT) Sensor
- G23 – Transfer Fuel Pump (FP)
- J235 – Engine Coolant Pump Relay
- S78 – Engine Coolant Pump Circuit Breaker
- V51 – After-Run Coolant Pump
- (159) – Ground connection -2-, in Digifant Multiport Fuel Injection (MFI) wiring harness

* – Switch value, see engine repair manual



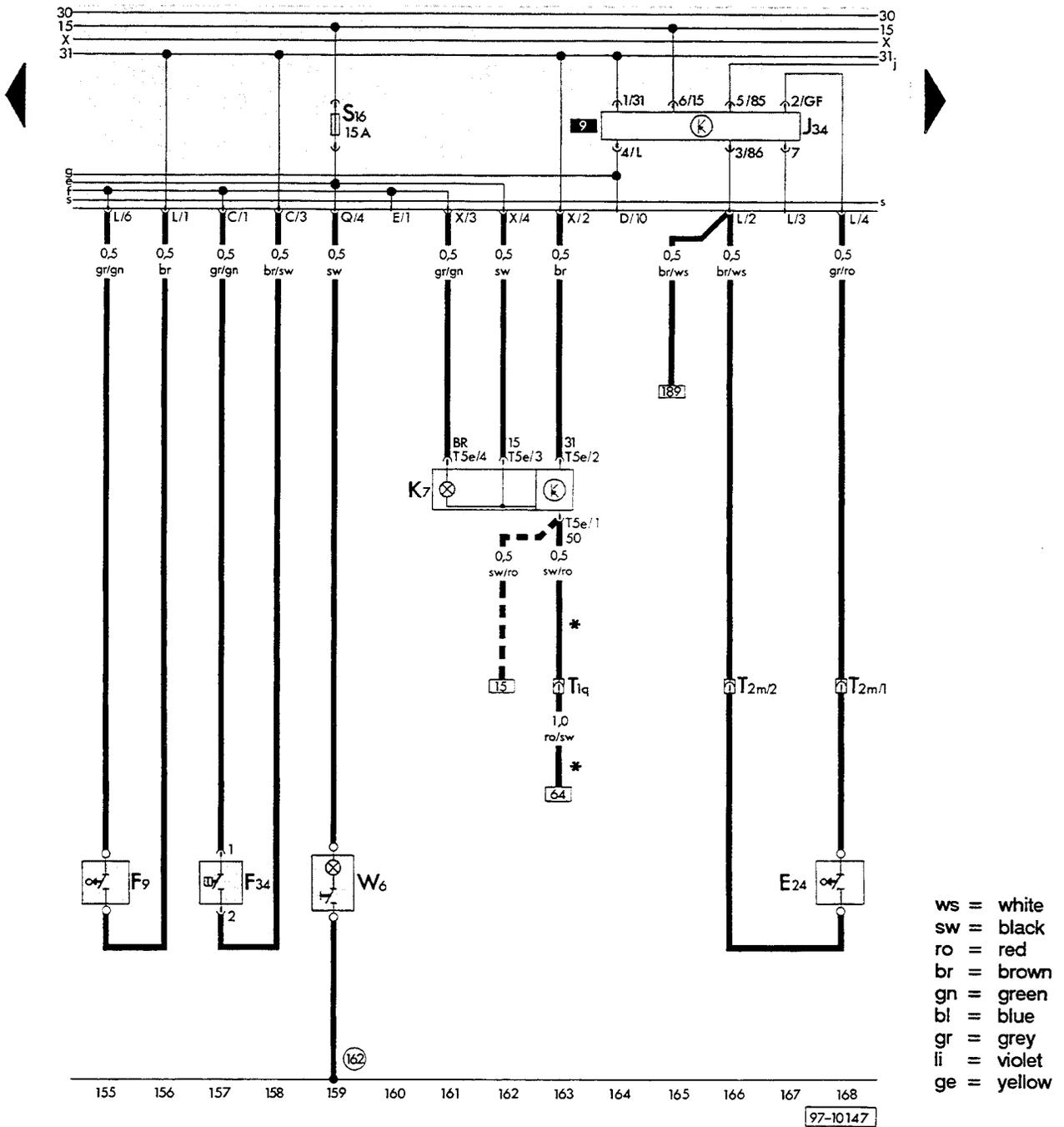
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

- F1 – Oil Pressure Switch *
- F22 – 0.3bar Oil Pressure Switch
- G1 – Fuel Gauge
- G3 – Engine Coolant Temperature (ECT) Gauge
- G32 – Engine Coolant Level (ECL) Sensor
- G54 – Vehicle Speed Sensor (VSS),
(in instrument cluster)
- H3 – 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
- T28 – 28-Pin Connector, on instrument cluster
- * – Switch value, see engine repair manual



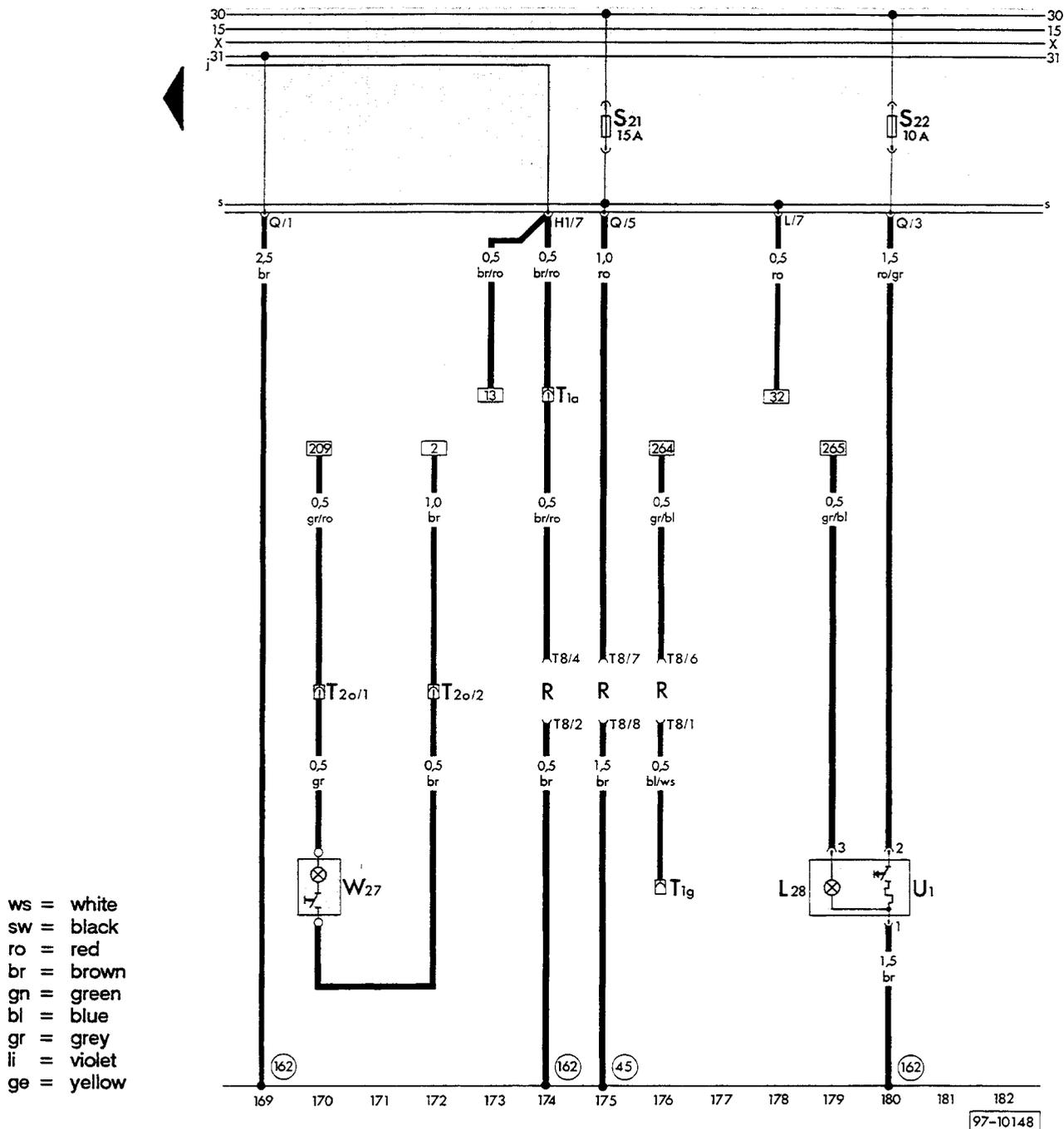
- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = violet
- ge = yellow

- G5 - Tachometer
- J6 - Voltage Stabilizer
- J285 - Control Module With Display Unit In Instrument Cluster
- K1 - Headlight High Beam Indicator Light
- K2 - Generator (GEN) Warning Light
- K19 - Seat Belt Warning Light
- K65 - Left Turn Signal Indicator Light
- K94 - Right Turn Signal Indicator Light
- L10 - Instrument Cluster Light
- L75 - Digital Display Light
- T2g - Double Connector, behind fuse/relay panel
- T28 - 28-Pin Connector, on instrument cluster
- Y - Analog Clock
- Y2 - Digital Clock



- E24 – Left Seat Belt Switch
- F9 – Parking Brake Warning Light Switch
- F34 – Brake Fluid Level Warning Switch
- J34 – Seat Belt Warning System Relay
- K7 – Brake and Parking Brake Warning Light
- T1g – Single Connector, behind fuse/relay panel
- T2m – Double Connector, near seat belt switch
- T5e – 5-Pin Connector
- W6 – Glove Compartment Light
- 162 – Ground connection, in blower motor wiring harness

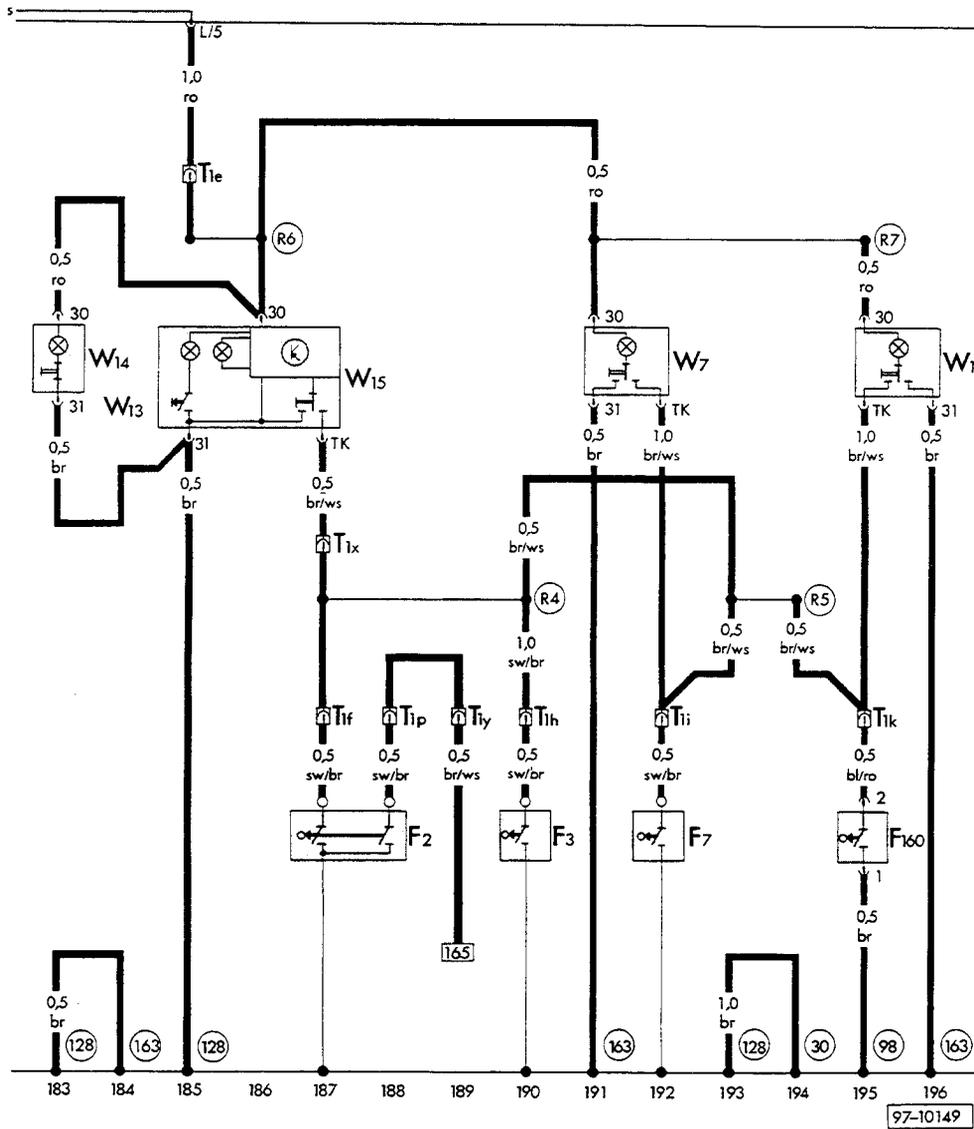
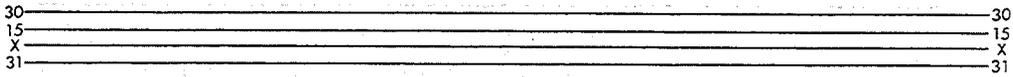
- * – Automatic transmission only
- — Manual transmission only



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

- L28 - Cigarette Lighter Light
- R - Radio
- T1a - Single Connector, behind instrument panel, left
- T1g - Single Connector, behind fuse/relay panel
- T2o - Double Connector, near battery
- T8 - 8-Pin Connector, on radio
- U1 - Cigarette Lighter
- W27 - Engine Compartment Light
- (45) - Ground connection, behind instrument panel, center
- (162) - Ground connection, in blower motor wiring harness

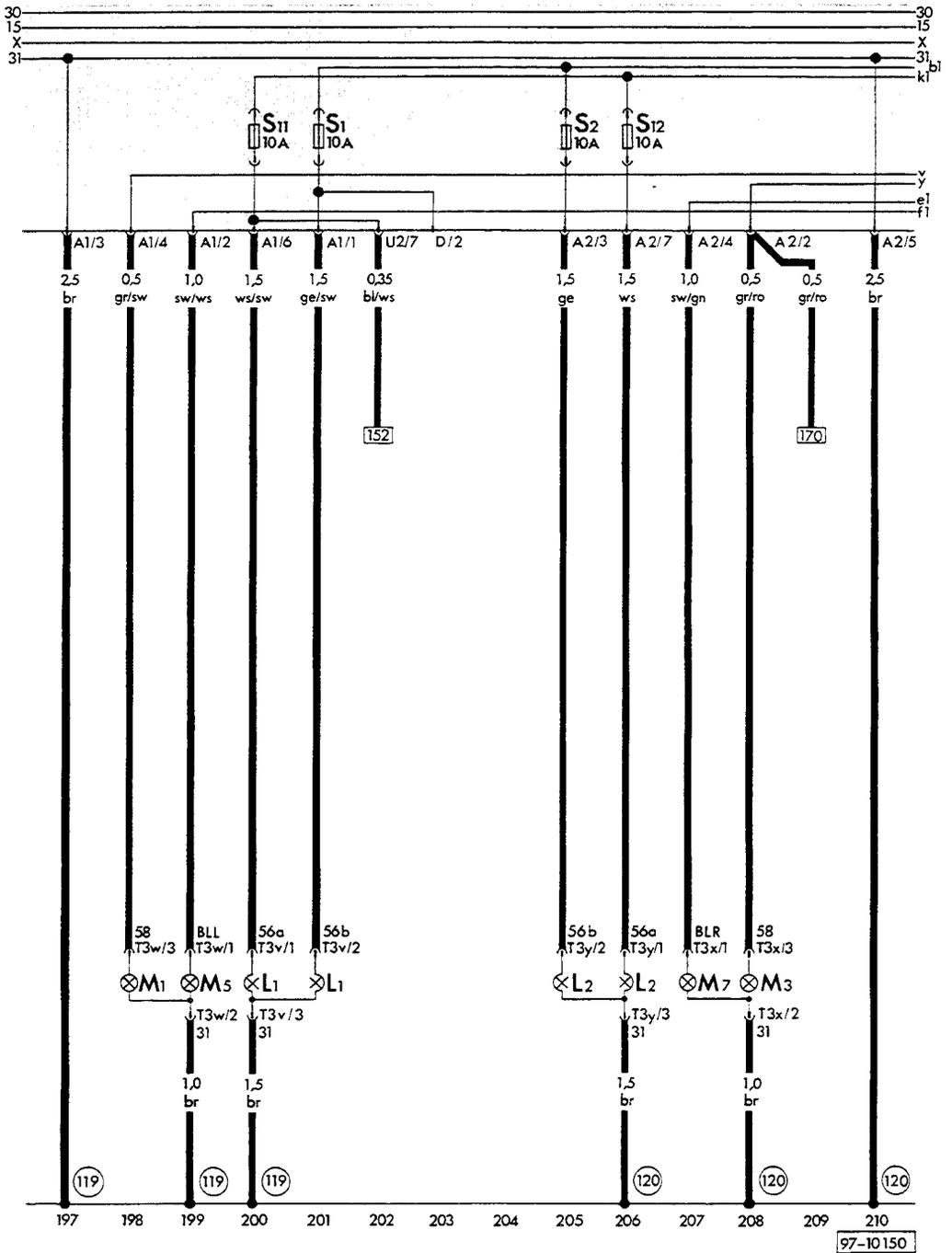
97-10148



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

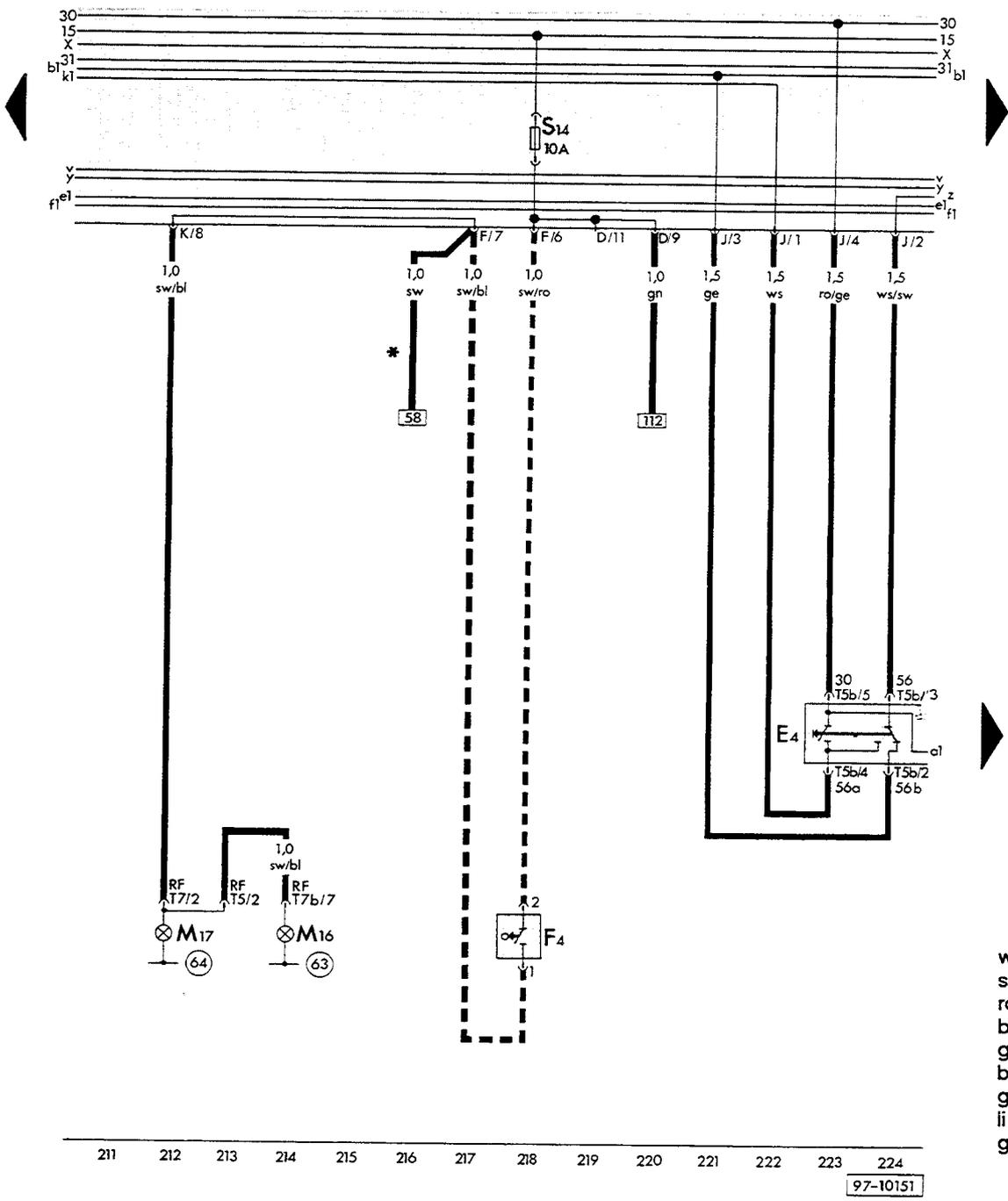
- F2 – Left Front Door Contact Switch
- F3 – Right Front Door Contact Switch
- F7 – Right Rear Side/Sliding Door Contact Switch
- F160 – Rear Lid Contact Switch
- T1e – Single Connector, behind fuse/relay panel
- T1f – Single Connector, behind fuse/relay panel
- T1h – Single Connector, behind instrument panel, right
- T1i – Single Connector, behind fuse/relay panel
- T1k – Single Connector, near taillight, right
- T1p – Single Connector, behind fuse/relay panel
- T1x – Single Connector, behind fuse/relay panel
- T1y – Single Connector, behind fuse/relay panel
- W1 – Rear/Luggage Compartment Interior Light
- W7 – Center Interior Light
- W13 – Right Front Map/Reading Light
- W14 – Right Make-Up Mirror Light

- W15 – Interior Light With Delay Switch
- (30) – Ground connection, -1-, beside fuse/relay panel
- (98) – Ground connection, in rear lid wiring harness
- (128) – Ground connection -1-, in interior light wiring harness
- (163) – Ground connection -2-, in interior light wiring harness
- (R4) – Wire connection -1-, in interior light/door contact switch wiring harness
- (R5) – Wire connection -2-, in interior light wiring harness
- (R6) – Plus connection -1-, in interior light wiring harness
- (R7) – Plus connection -2-, in interior light wiring harness



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

- L1 – Left Headlight
- L2 – Right Headlight
- M1 – Left Parking Light
- M3 – Right Parking Light
- M5 – Left Front Turn Signal Light
- M7 – Right Front Turn Signal Light
- T3v – 3-Pin Connector, on Left Headlight
- T3w – 3-Pin Connector, on Left Headlight
- T3x – 3-Pin Connector, on Right Headlight
- T3y – 3-Pin Connector, on Right Headlight
- (119) – Ground connection –1–, in headlight wiring harness
- (120) – Ground connection –2–, in headlight wiring harness

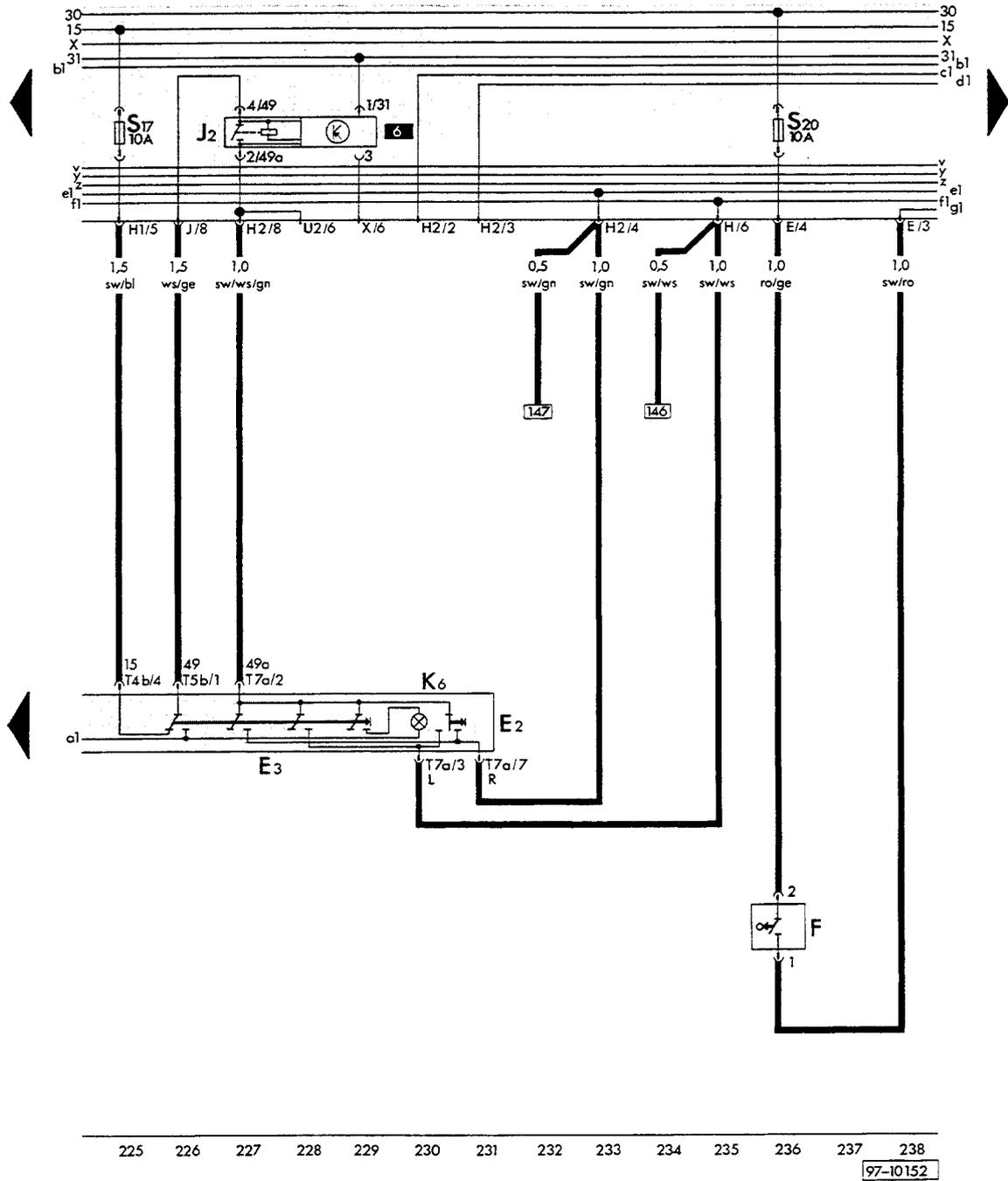


- ws = white
- sw = black
- ro = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = violet
- ge = yellow

- E4 – Headlight Dimmer/Flasher Switch
- F4 – Back-Up Light Switch (manual transmission)
- M16 – Left Back-Up Light
- M17 – Right Back-Up Light
- T5 – 5-Pin Connector, on Right Back-Up light
- T5b – 5-Pin Connector, behind steering column switch cover
- T7 – 7-Pin Connector, on Right Taillight
- T7b – 7-pin Connector, on Left Taillight

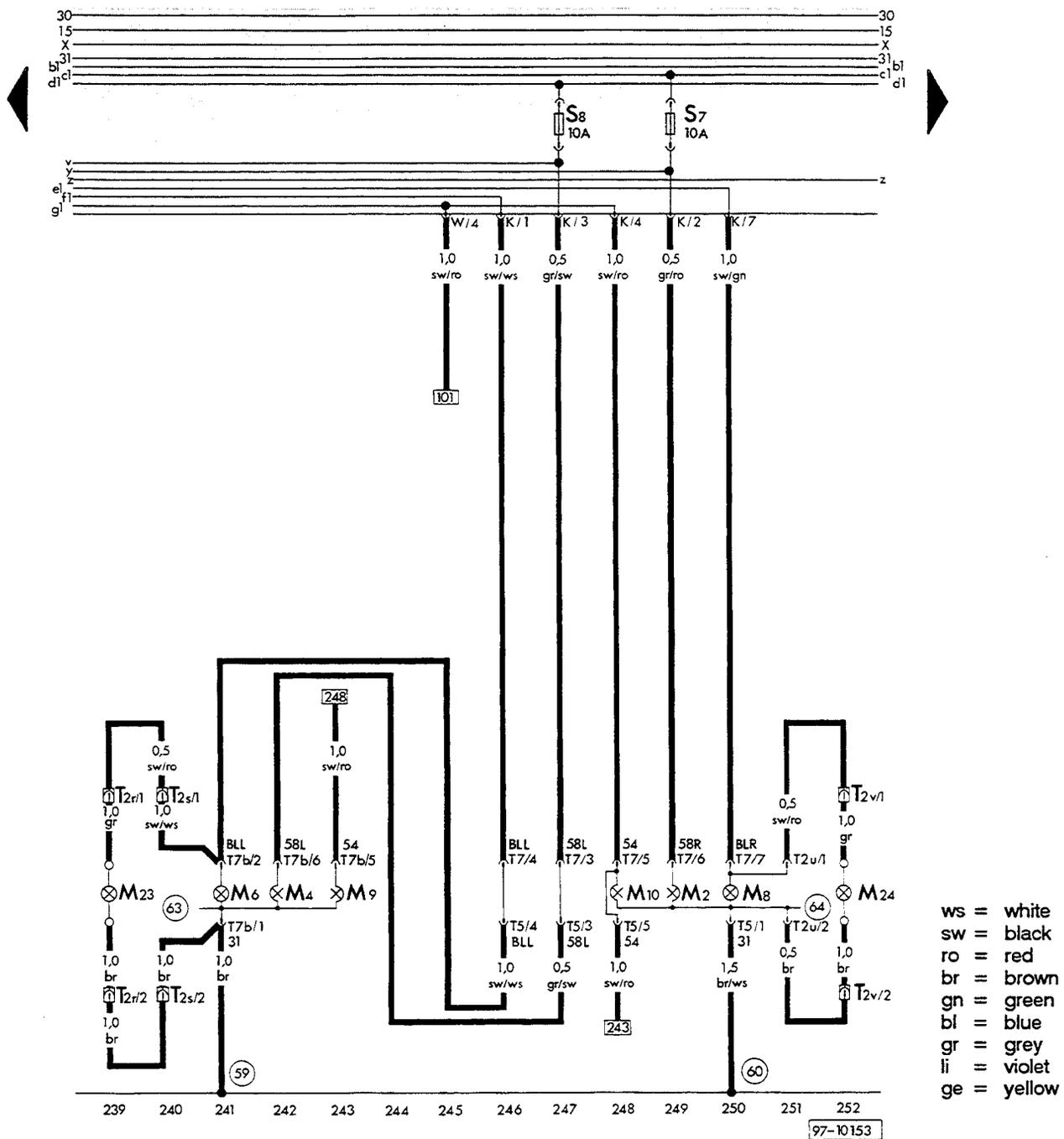
- * – Automatic transmission only
- – Manual transmission only

- (63) – Ground connection, on left taillight bulb holder
- (64) – Ground connection, on right taillight bulb holder



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

- E2 – Turn Signal Switch
- E3 – Emergency Flasher Switch
- F – Brake Light Switch (00526-2131)
- J2 – Emergency Flasher Relay
- K6 – Emergency Flasher Warning Light
- T4b – 4-Pin Connector, behind steering column switch cover
- T5b – 5-Pin Connector, behind steering column switch cover
- T7a – 7-Pin Connector, behind steering column switch cover



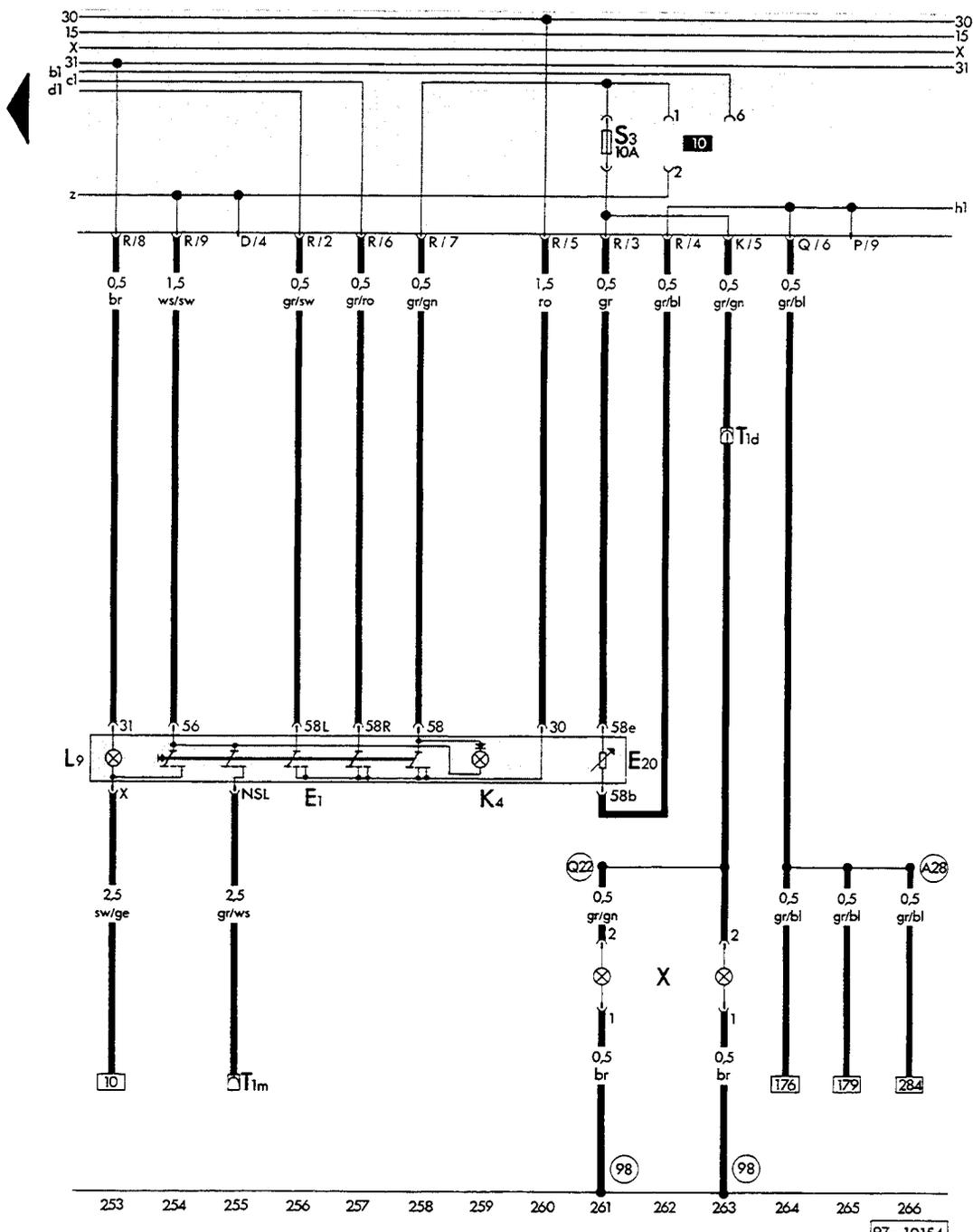
ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = violet
 ge = yellow

- M2 – Right Taillight
 M4 – Left Taillight
 M6 – Left Rear Turn Signal Light
 M8 – Right Rear Turn Signal Light
 M9 – Left Brake Light
 M10 – Right Brake Light
 M23 – Left Roof Turn Signal Light **
 M24 – Right Roof Turn Signal Light **
 T2r – Double Connector, near left roof turn signal
 T2s – Double Connector, near left taillight
 T2u – Double Connector, on Right Taillight
 T2v – Double Connector, near right roof turn signal
 T5 – 5-Pin Connector, on Right Taillight
 T7 – 7-Pin Connector, on Right Taillight

T7b – 7-Pin Connector, on Left Taillight

- 59 – Ground connection, near left taillight
 60 – Ground connection, near right taillight
 63 – Ground connection, on left taillight bulb holder
 64 – Ground connection, on right taillight bulb holder

- * – Different wire routing for flatbed models
 ** – Roof turn signals not installed on all vehicles



97-10154

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

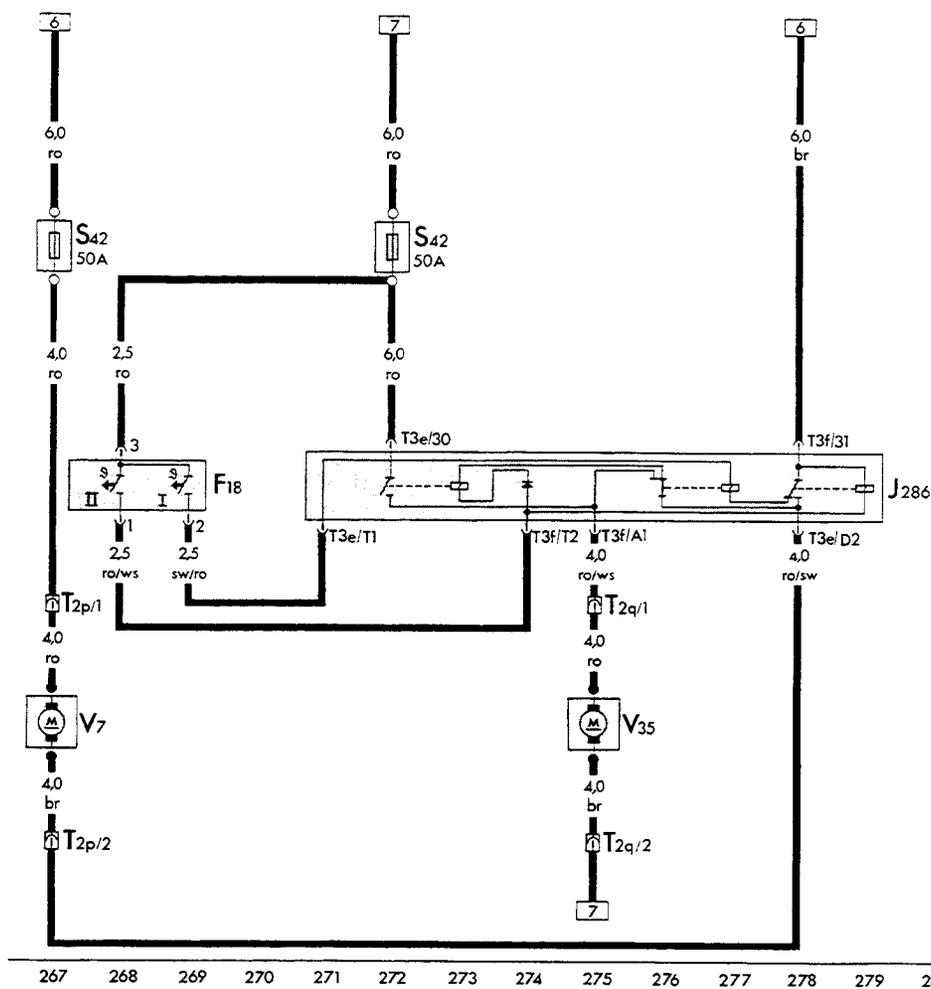
- E1 - Light Switch
- E20 - Instrument Panel Light Dimmer Switch
- K4 - Park Light Indicator Light
- L9 - Headlight Switch Light
- T1d - Single Connector, near right taillight
- T1m - Single Connector, behind fuse/relay panel
- X - License Plate Light
- (98) - Ground connection, in rear lid wiring harness
- (A28) - Plus connection (58b), in fresh air blower wiring harness
- (Q22) - Wire connection, in rear lid wiring harness

30
15
X
31

30
15
X
31

h1

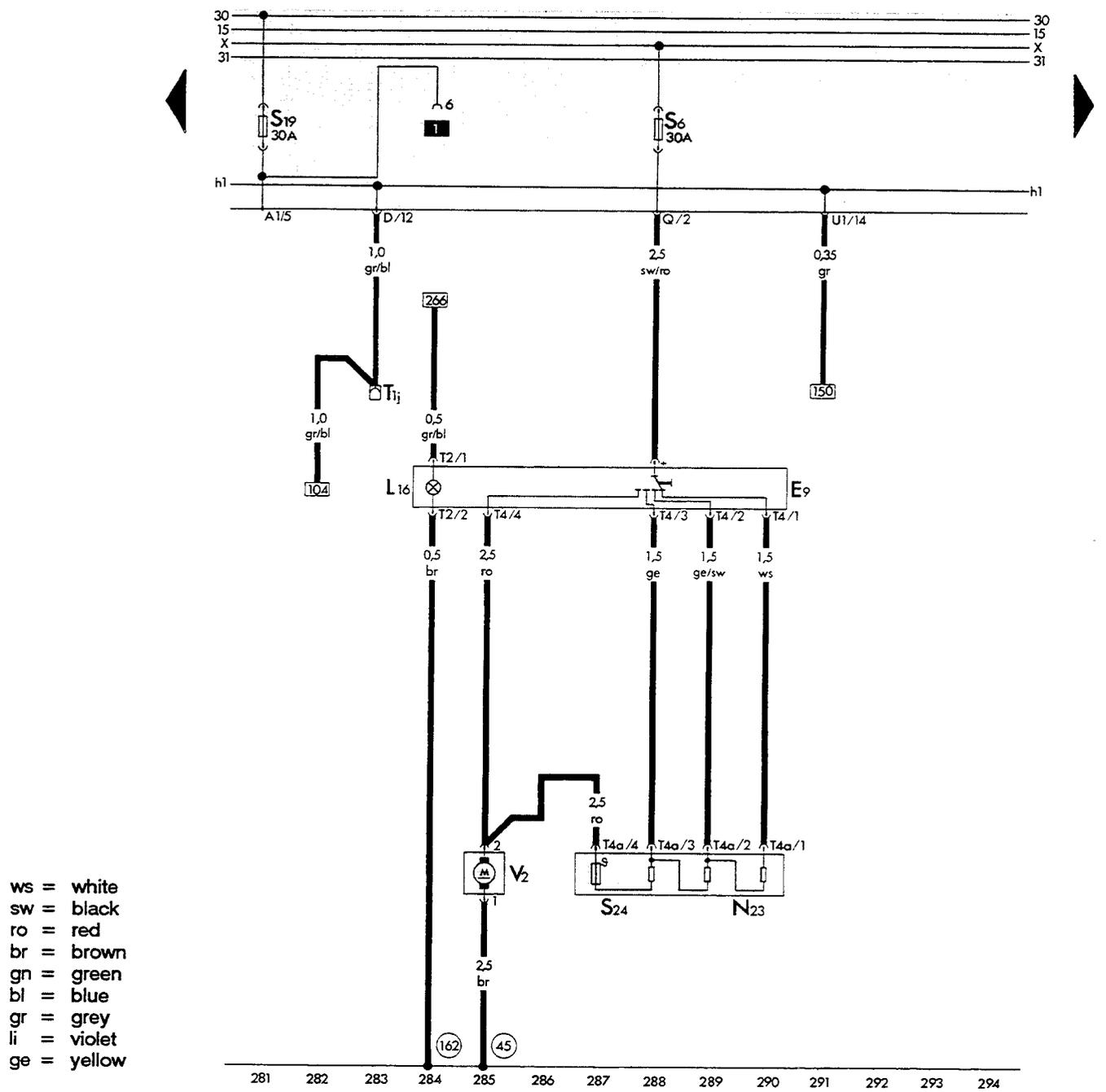
h1



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

97-10155

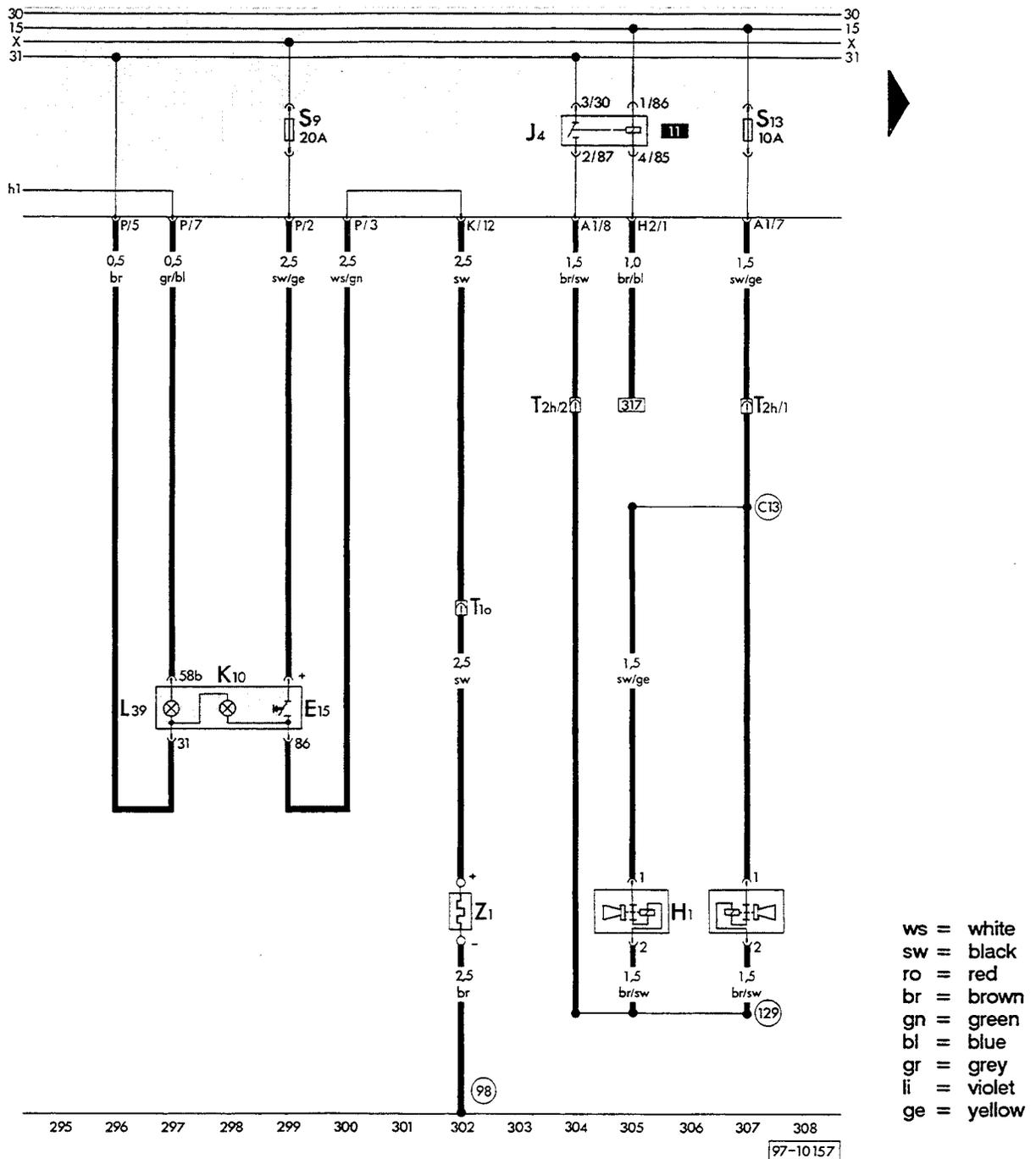
- F18 - Coolant Fan Control (FC) Thermal Switch
J286 - Series/Parallel Coolant Fan Control (FC) Relay (V7, V35)
S42 - Coolant Fan Fuse
T2p - Double Connector, in engine compartment, front
T2q - Double Connector, in engine compartment, front
T3e - 3-Pin Connector
T3f - 3-Pin Connector
V7 - Coolant Fan
V35 - Right Coolant Fan



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

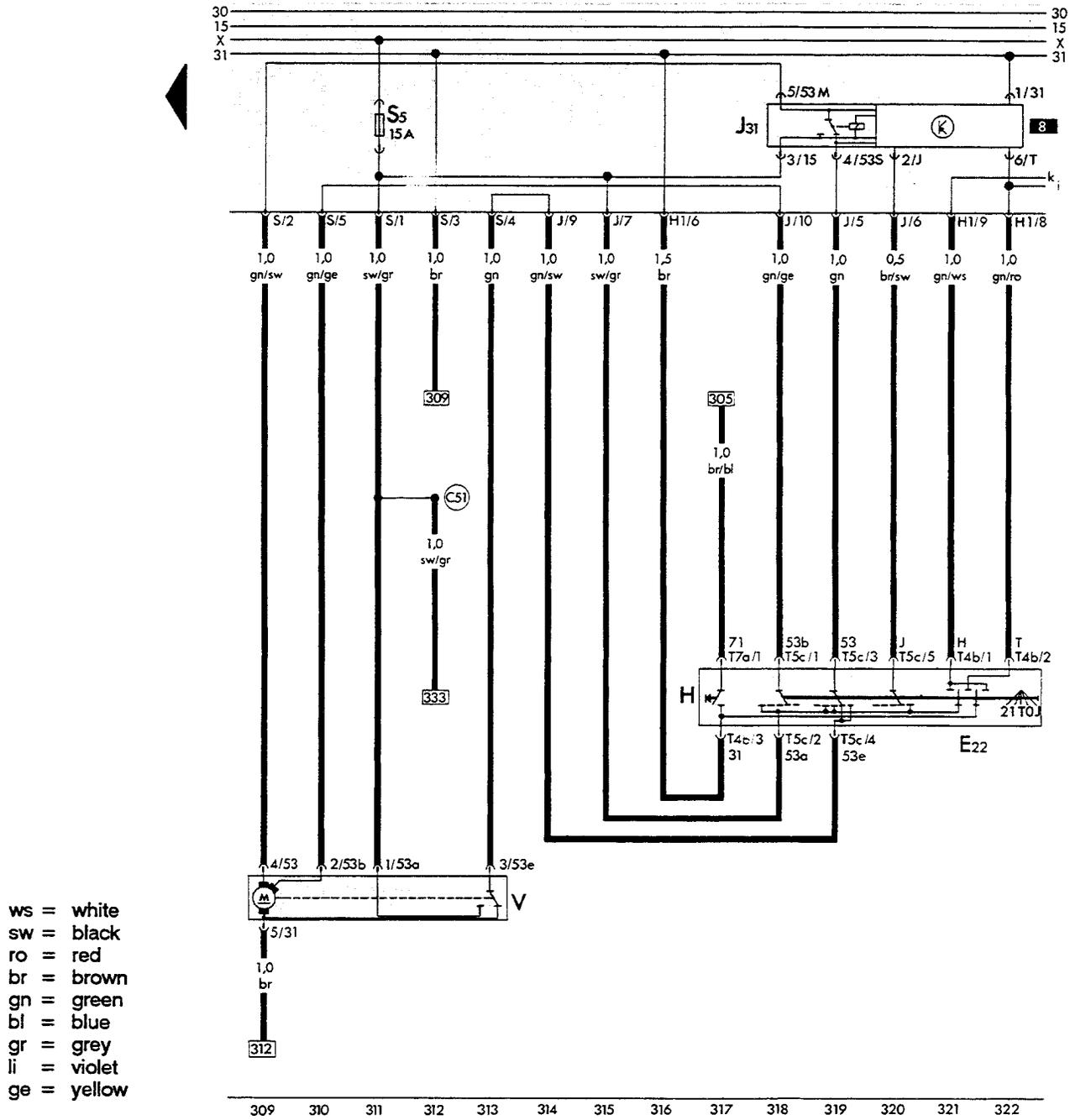
- E9 - Fresh Air Blower Switch
- L16 - Fresh Air Control Lever Light
- N23 - Fresh Air Blower Series Resistance
- S24 - Heater, A/C Clutch Fuse
- T1j - Single Connector, behind instrument panel, left
- T2 - Double Connector
- T4 - 4-Pin Connector
- T4a - 4-Pin Connector
- V2 - Fresh Air Blower
- (45) - Ground connection, behind instrument panel, center
- (162) - Ground connection, in blower motor wiring harness

97-10156



- E15 – Rear Window Defogger Switch
- H1 – Dual Horns
- J4 – Dual Horn Relay
- K10 – Rear Window Defogger Indicator Light
- L39 – Rear Window Defogger Switch Light
- T_{1o} – Single Connector, near right taillight
- T_{2h} – Double Connector, in engine compartment, left front
- Z1 – Rear Window Defogger/Heat Element

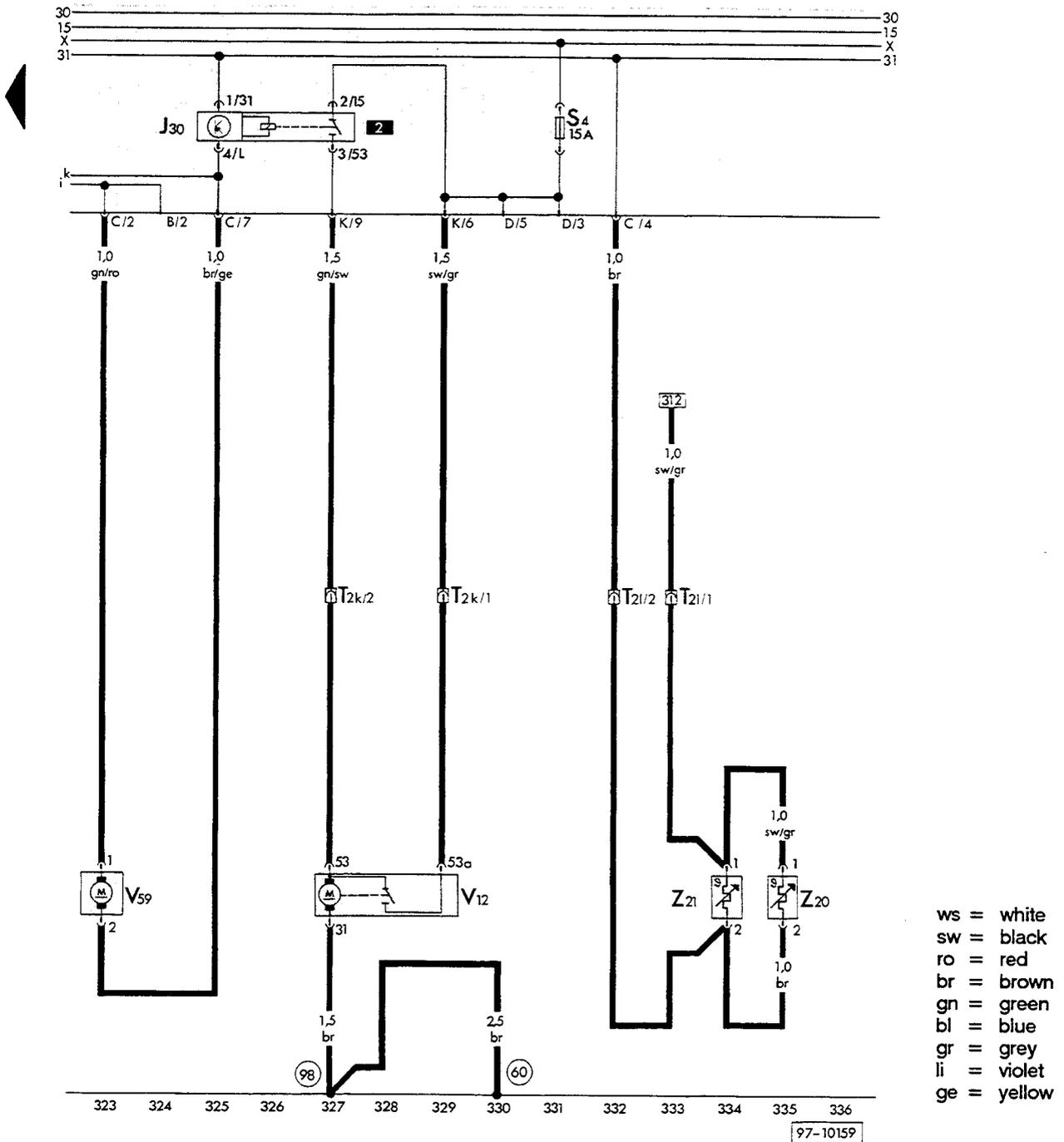
- 98 – Ground connection, in rear lid wiring harness
- 129 – Ground connection, in dual tone horn wiring harness
- C13 – Plus connection, in dual tone horn wiring harness



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

- E22 – Windshield Wiper/Washer Switch
- H – Horn Button
- J31 – Washer/Wiper Intermittent Relay
- T4b – 4-Pin connector, behind steering column switch cover
- T5c – 5-Pin connector, behind steering column switch cover
- T7a – 7-Pin connector, behind steering column switch cover
- (C51) – Plus connection (x), in wiper motor wiring harness

97-10158



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

- J30 – Rear Window Wiper/Washer Relay
 T2k – Double Connector, near right taillight
 T2l – Double Connector, near right firewall
 V12 – Rear Window Wiper Motor
 V59 – Windshield and Rear Window Washer Pump
 Z20 – Left Washer Nozzle Heater
 Z21 – Right Washer Nozzle Heater

- 60 – Ground connection, near right taillight
 98 – Ground connection, in rear lid wiring harness