

## Automatic transmission, 5 speed automatic with tiptronic,

● 1,8L- Engine - Motronic Multiport Fuel Injection (MFI)/110 kW,  
code ATW

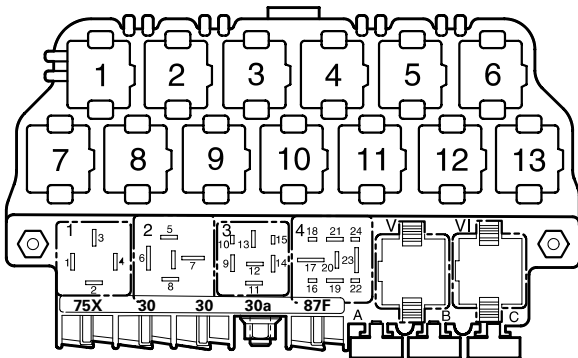
● 2,8L - Engine - Motronic Multiport Fuel Injection (MFI)/142 kW,  
code ATQ

from August 1999

● 1,8L- Engine - Motronic Multiport Fuel Injection (MFI)/110 kW,  
code AUG

from May 2000

Deviate relay location and fuseplacements as well as the locations of multiple connectors see section "component locations".

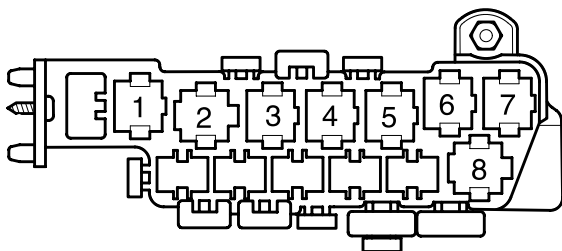


97-20676

Relay location on the thirteenfold auxiliary relay panel, above relay panel:

- 6** Selector Lever Light Relay (205)
- 12** Starting Interlock Relay (alarm system) (186)
- 13** Starting Interlock Relay (204)

Relay panel:



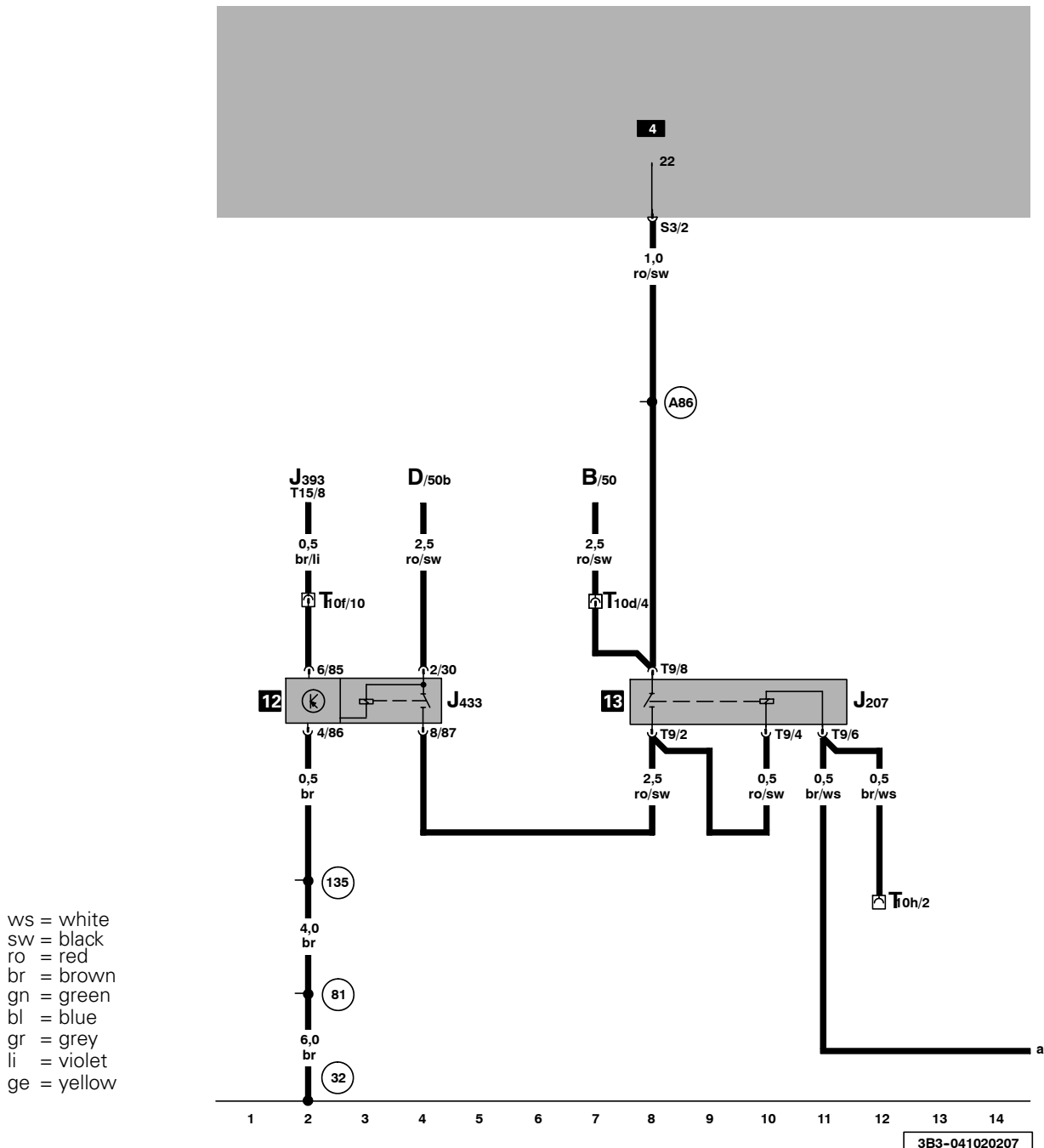
97-20515

Relay location on the eightfold auxiliary relay panel, behind relay 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

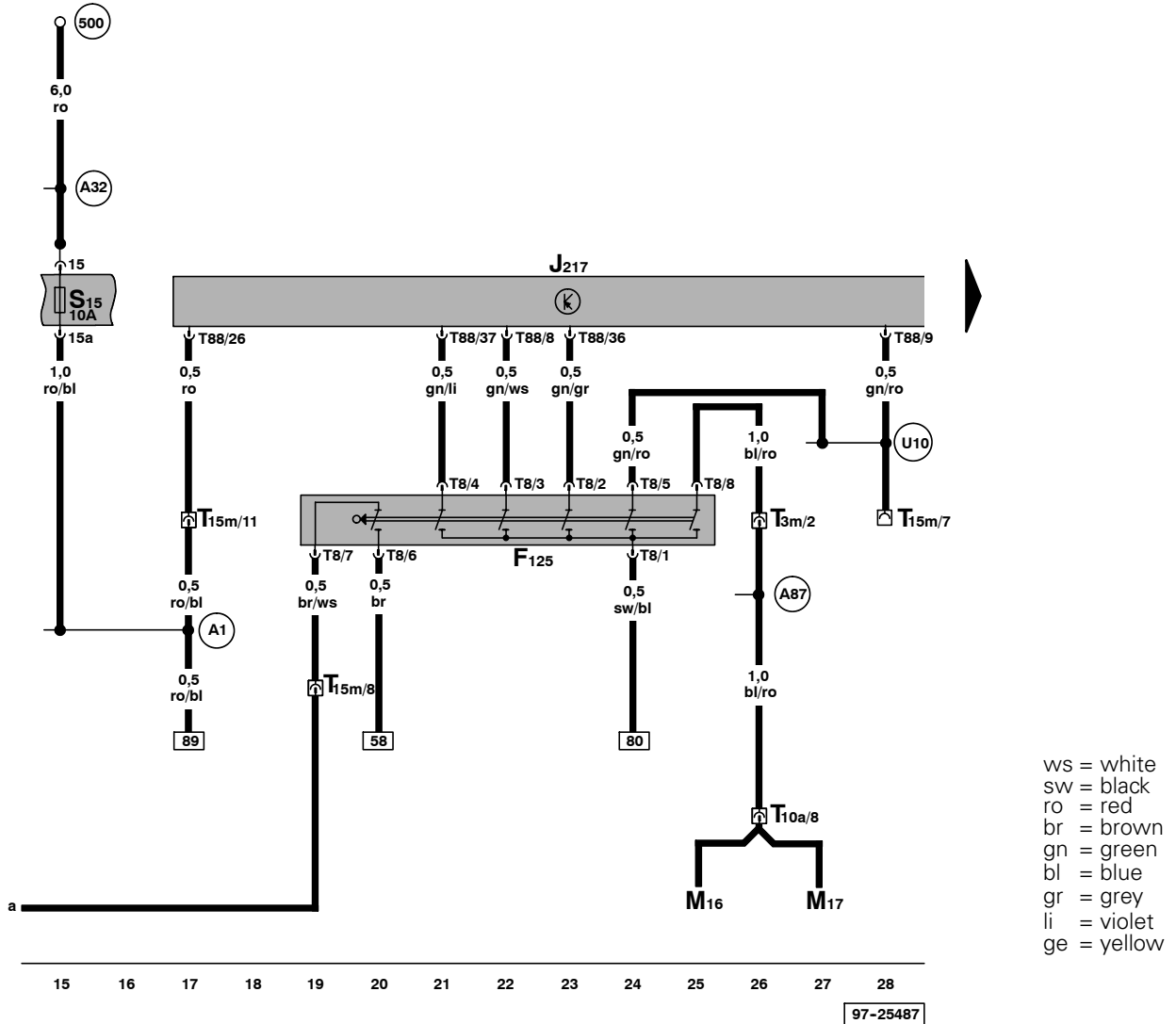
Note: Number in parentheses indicates production control number stamped on relay housing.



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

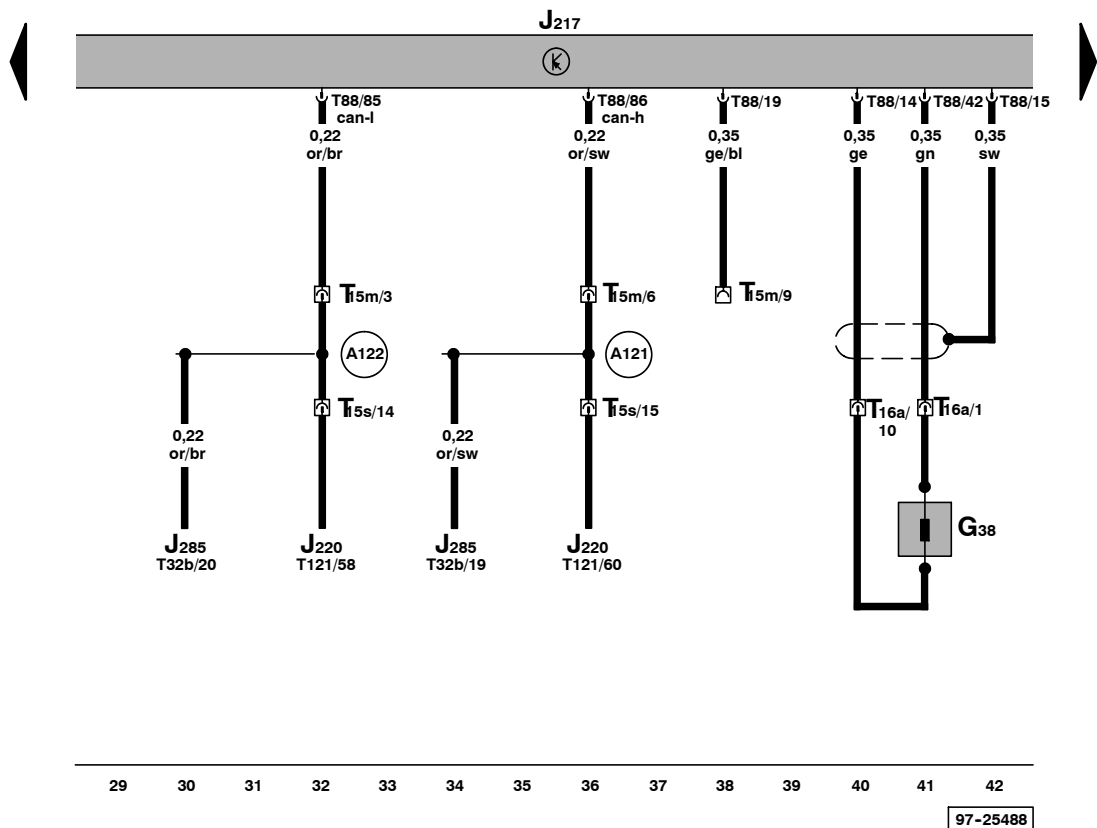
- B - Starter
- D - Ignition/Starter Switch
- J207 - Starting Interlock Relay, on the thirteenfold auxiliary relay panel, above relay panel, production control number (204)
- J393 - Central control module for comfort system
- J433 - Starting Interlock Relay (alarm system), on the thirteenfold auxiliary relay panel, above relay panel, production control number (186)
- T9 - 9-Pin Connector, on Starting Interlock Relay
- T10d - 10-Pin Connector, brown, on protective housing for control module, in engine compartment, left
- T10f - 10-Pin Connector, blue, connector station A-pillar, left
- T10h - 10-Pin Connector, blue, on protective housing for control module, in engine compartment, left

- T15 - 15-Pin Connector, on Central control module for comfort system
- (32) - Ground connection, behind instrument panel, left
- (81) - Ground connection -1-, in instrument panel wiring harness
- (135) - Ground connection -2-, in instrument panel wiring harness
- (A86) - Connection (50a), in instrument panel wiring harness



- F125 - Multi-Function Transmission Range (TR) Switch
- J217 - Transmission Control Module (TCM), in front footwell, right
- M16 - Left Back-Up Light
- M17 - Right Back-Up Light
- S15 - Fuse 15 in fuse holder
- T3m - 3-Pin Connector, brown, connector station A-pillar, right
- T8 - 8-Pin Connector, black
- T10a - 10-Pin Connector, brown, connector station A-pillar, left
- T15m - 15-Pin Connector, brown, connector station A-pillar, right
- T88 - Connector, 88 point, on Transmission Control Module (TCM)

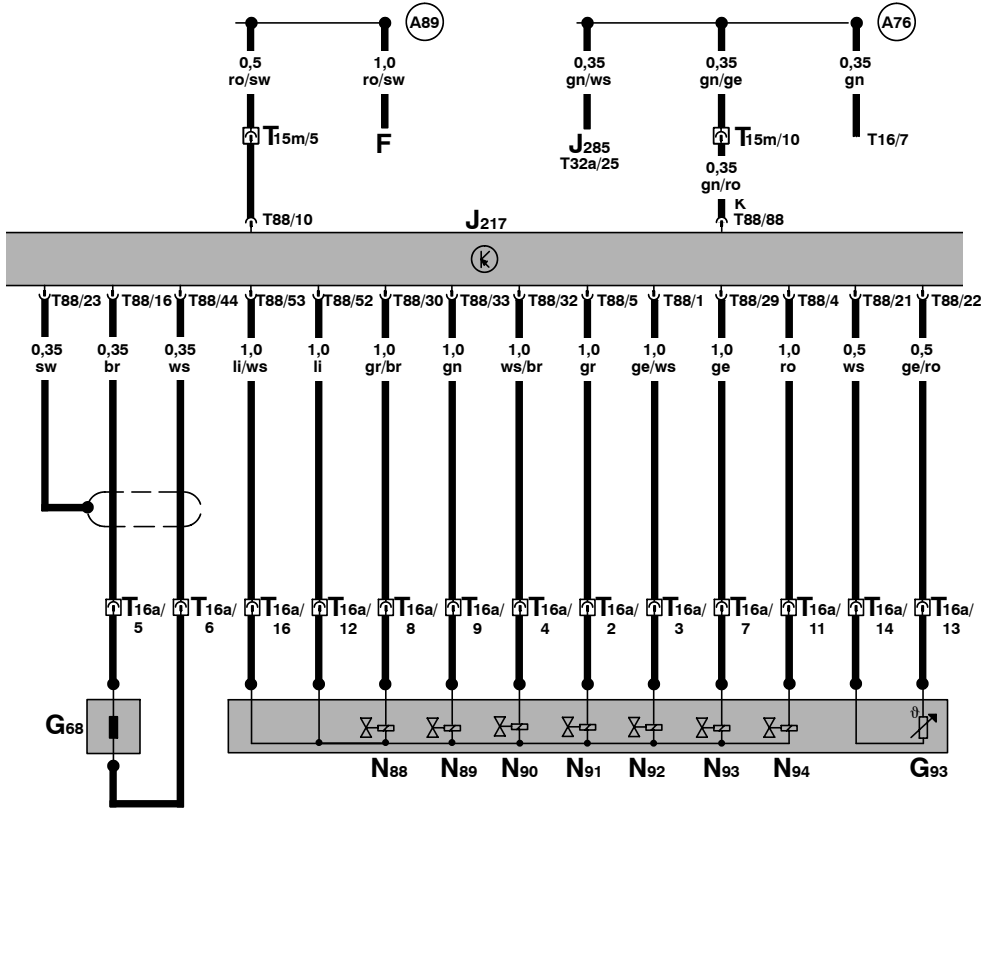
- (500) - Screw Connection -1- (30), on relay panel
- (A1) - plus connection (30a), in instrument panel wiring harness
- (A32) - plus connection (30), in instrument panel wiring harness
- (A87) - Connector (reverse lamp), in instrument panel wiring harness
- (U10) - Cruise Control Connection (in automatic transmission wiring harness)



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- gn = green
- bl = blue
- gr = grey
- li = violet
- ge = yellow
- or = orange

- G38 - Transmission Vehicle Speed Sensor (VSS)
- J217 - Transmission Control Module (TCM), in front footwell, right
- J220 - Motronic Engine Control Module (ECM)
- J285 - Control module with indicator unit in instrument panel insert
- T15m- 15-Pin Connector, brown, connector station A-pillar, right
- T15s - 15-Pin Connector, red, on protective housing for control module, in engine compartment, left
- T16a - 16-Pin Connector, on transmission
- T32b - 32-Pin Connector, green, on instrument cluster
- T88 - Connector, 88 point, on Transmission Control Module (TCM)
- T121 - Connector, 121 point, on Motronic Engine Control Module (ECM)

- (A121) - Connector (High-Bus), in instrument panel wiring harness
- (A122) - Connector (Low-Bus), in instrument panel wiring harness

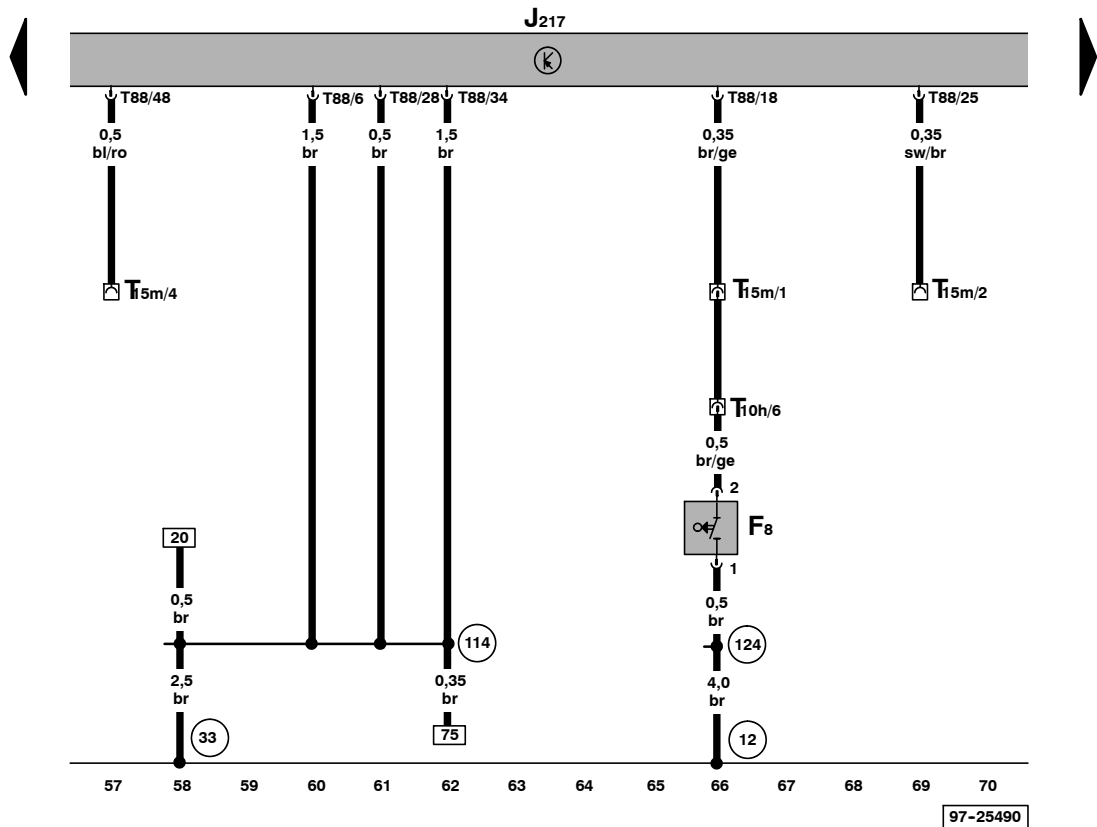


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43 44 45 46 47 48 49 50 51 52 53 54 55 56  
 97-25489

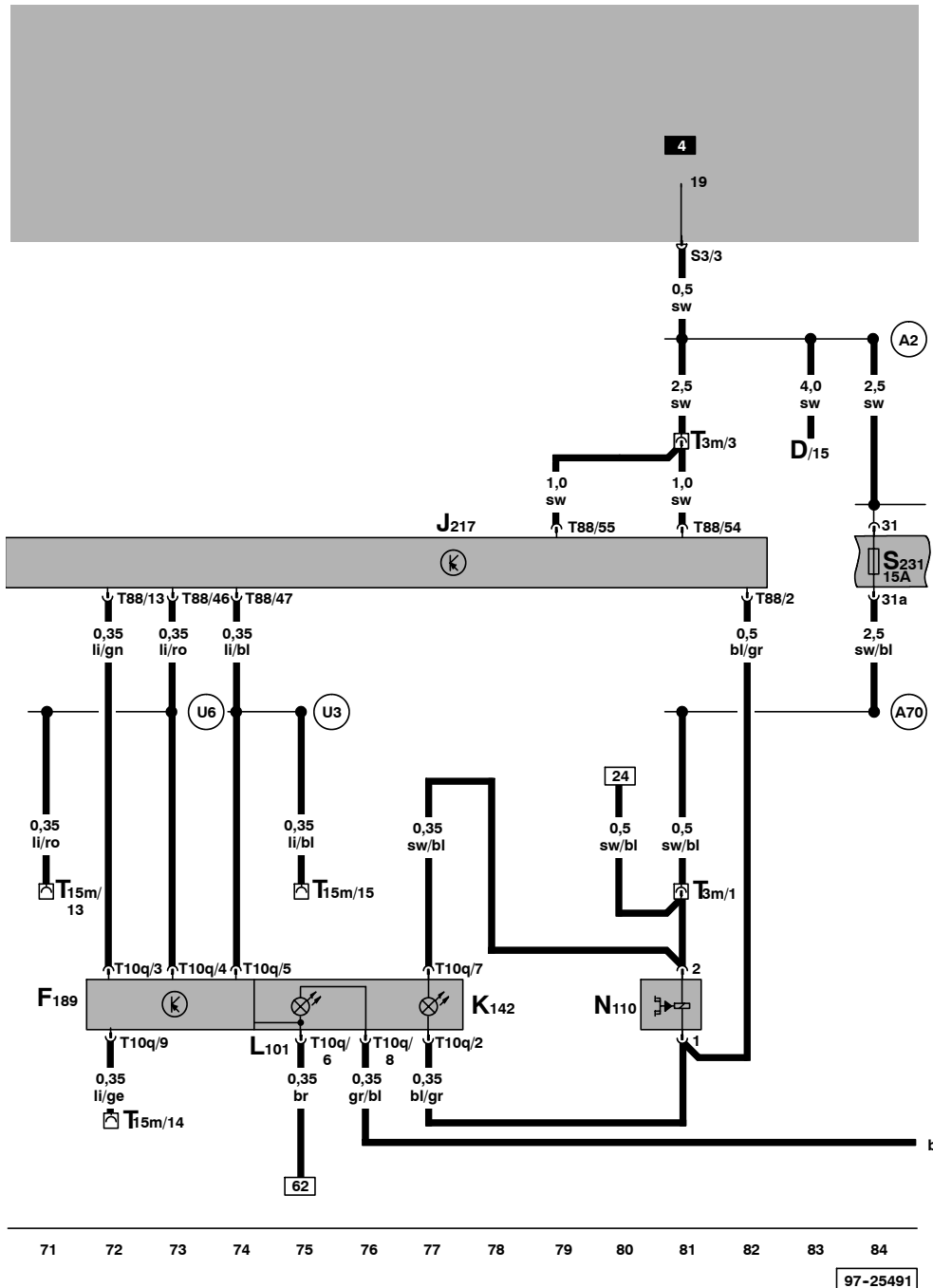
- F - Brake Light Switch
- G68 - Vehicle Speed Sensor (VSS)
- G93 - Transmission Fluid Temperature Sensor
- J217 - Transmission Control Module (TCM), in front footwell, right
- J285 - Control module with indicator unit in instrument panel insert
- N88 - Solenoid Valve 1
- N89 - Solenoid Valve 2
- N90 - Solenoid Valve 3
- N91 - Solenoid Valve 4
- N92 - Solenoid Valve 5
- N93 - Solenoid Valve 6
- N94 - Solenoid Valve 7
- T15m- 15-Pin Connector, brown, connector station A-pillar, right

- T16 - 16-Pin Connector, Data Link Connector (DLC), below instrument panel, left
- T16a - 16-Pin Connector, on transmission
- T32a - 32-Pin Connector, blue, on instrument cluster
- T88 - Connector, 88 point, on Transmission Control Module (TCM)
- A76 - Connector (K-diagnosis wire), in instrument panel wiring harness
- A89 - Connector (54), in instrument panel wiring harness



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- F8 - Kick Down Switch
- J217 - Transmission Control Module (TCM), in front footwell, right
- T10h - 10-Pin Connector, blue, on protective housing for control module, in engine compartment, left
- T15m- 15-Pin Connector, brown, connector station A-pillar, right
- T88 - Connector, 88 point, on Transmission Control Module (TCM)
- (12) - Ground connection, in engine compartment, left
- (33) - Ground connection, behind instrument panel, right
- (114) - Ground connection, in automatic transmission wiring harness
- (124) - ground connection, in engine compartment right wiring harness



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 gr = grey  
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- D - Ignition/Starter Switch
- F189 - Tiptronic Switch
- J217 - Transmission Control Module (TCM), in front footwell, right
- K142 - Warning light for selector lever position P/N
- L101 - Illumination for selector lever scale
- N110 - Shift Lock Solenoid
- S231 - Fuse 31 in fuse holder
- T3m - 3-Pin Connector, brown, connector station A-pillar, right
- T10q - 10-Pin Connector
- T15m - 15-Pin Connector, brown, connector station A-pillar, right
- T88 - Connector, 88 point, on Transmission Control Module (TCM)

- (A2) - plus connection (15), in instrument panel wiring harness
- (A70) - Connector (15a, fuse 231), in instrument panel wiring harness
- (U3) - wire connection -1-, in automatic transmission wiring harness
- (U6) - wire connection -2-, in automatic transmission wiring harness

