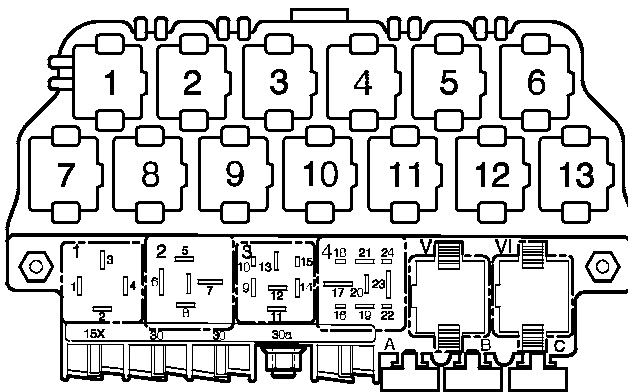


Anti-lock brake system (ABS) with electronic differential lock (EDL), anti-slip control (ASC) and electronic stabilization program (ESP)

from October 2001

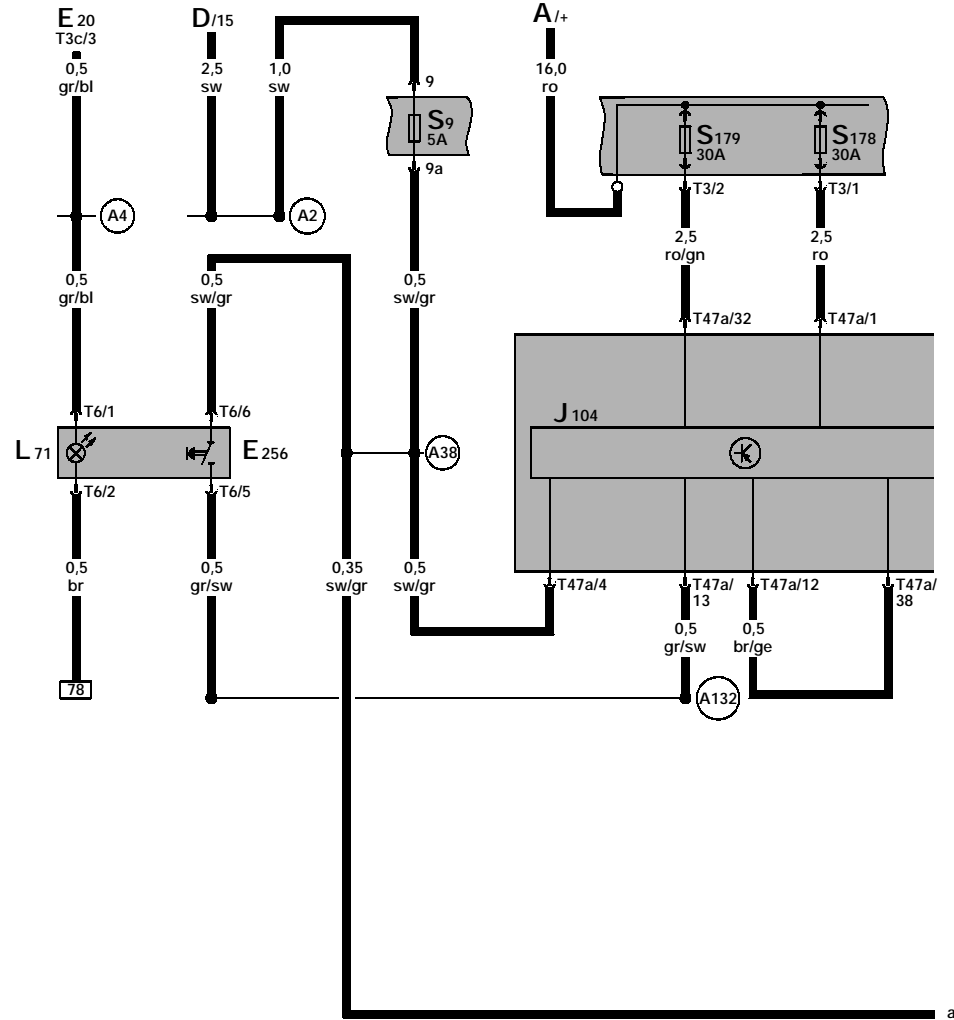
Deviate relay location and fuseplacements as well as the locations of multiple connectors see section "component locations".



97-14163

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

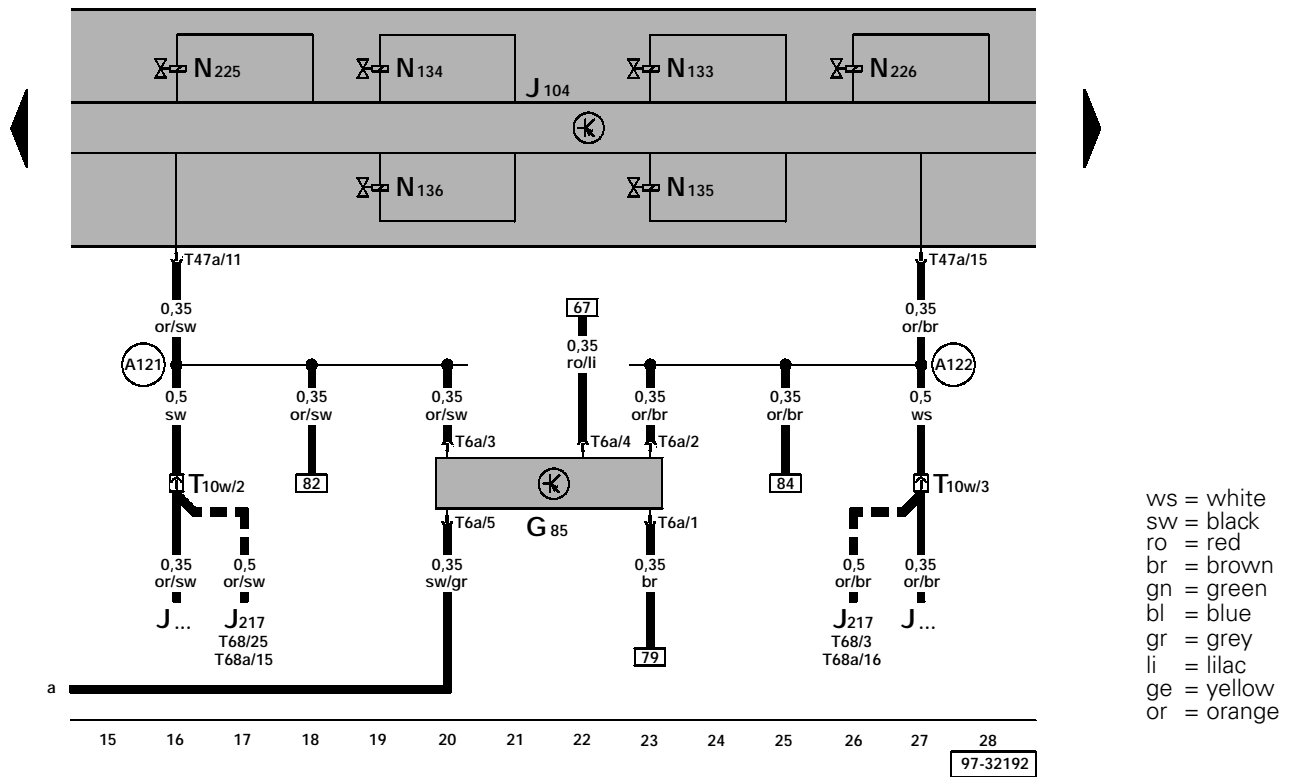


ws = white
 sw = black
 ro = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 ge = yellow
 or = orange

1 2 3 4 5 6 7 8 9 10 11 12 13 14
 97-32191

- A - Battery
- D - Ignition/Starter Switch
- E20 - Instrument Panel Light Dimmer Switch
- E256 - ESP/Anti-Slip Control Switch
- J104 - ABS Control Module (w/EDL), in engine compartment, left
- L71 - Anti-Slip Control Switch Illumination
- S9 - Fuse 9 in fuse holder
- S178 - Fuse -6- (30) in fuse bracket/battery
- S179 - Fuse -7- (30) in fuse bracket/battery
- T3 - 3-Pin Connector
- T3c - 3-Pin Connector
- T6 - 6-Pin Connector
- T47a - 47-Pin Connector

- (A2) - Plus connection (15), in instrument panel wiring harness
- (A4) - Plus connection (58b), in instrument panel wiring harness
- (A38) - Plus connection -2- (15a), in instrument panel wiring harness
- (A132) - ASR/ESP Connection (in instrument panel wiring harness)

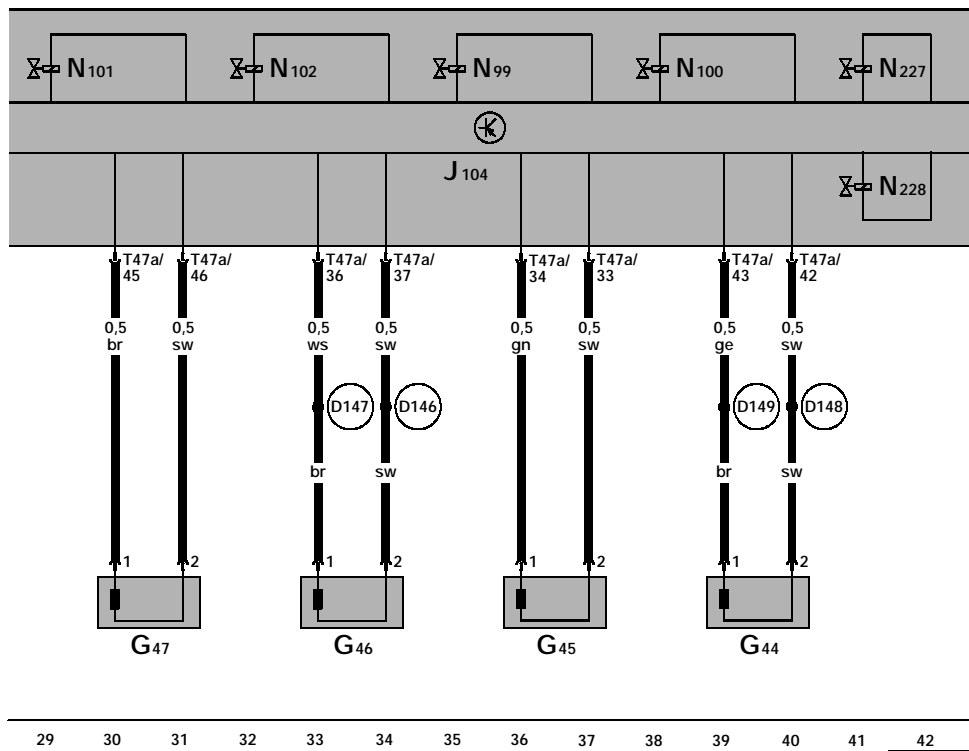


- G85 - Steering angle sender
- J104 - ABS Control Module (w/EDL), in engine compartment, left
- J217 - Transmission Control Module (TCM), in plenum chamber, center
- J... - Engine Control Module (ECM)
- N133 - Right Rear ABS Inlet Valve
- N134 - Left Rear ABS Inlet Valve
- N135 - Right Rear ABS Outlet Valve
- N136 - Left Rear ABS Outlet Valve
- N225 - Pilot valve -1- traction control
- N226 - Pilot valve -2- traction control
- T6a - 6-Pin Connector
- T10w- 10-Pin Connector, white, in protective housing for connectors, in plenum chamber, left
- T47a - 47-Pin Connector

- T68 - 68-Pin Connector, on transmission control module (TCM) (4 speed automatic)
- T68a - 68-Pin Connector, on Transmission Control Module (TCM) (5 speed automatic with Tiptronic)

- A121 - Connection (high bus), in instrument panel wiring harness
- A122 - Connection (low bus), in instrument panel wiring harness

--- Automatic transmission only

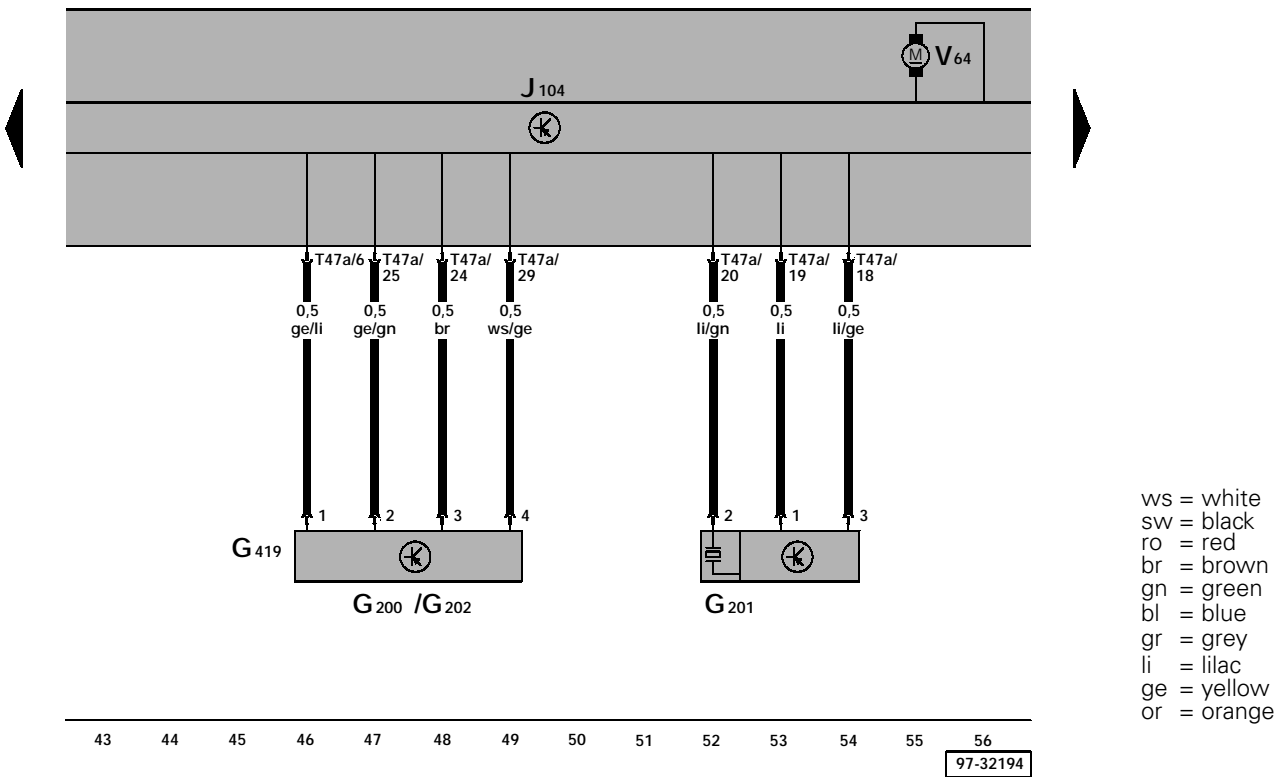


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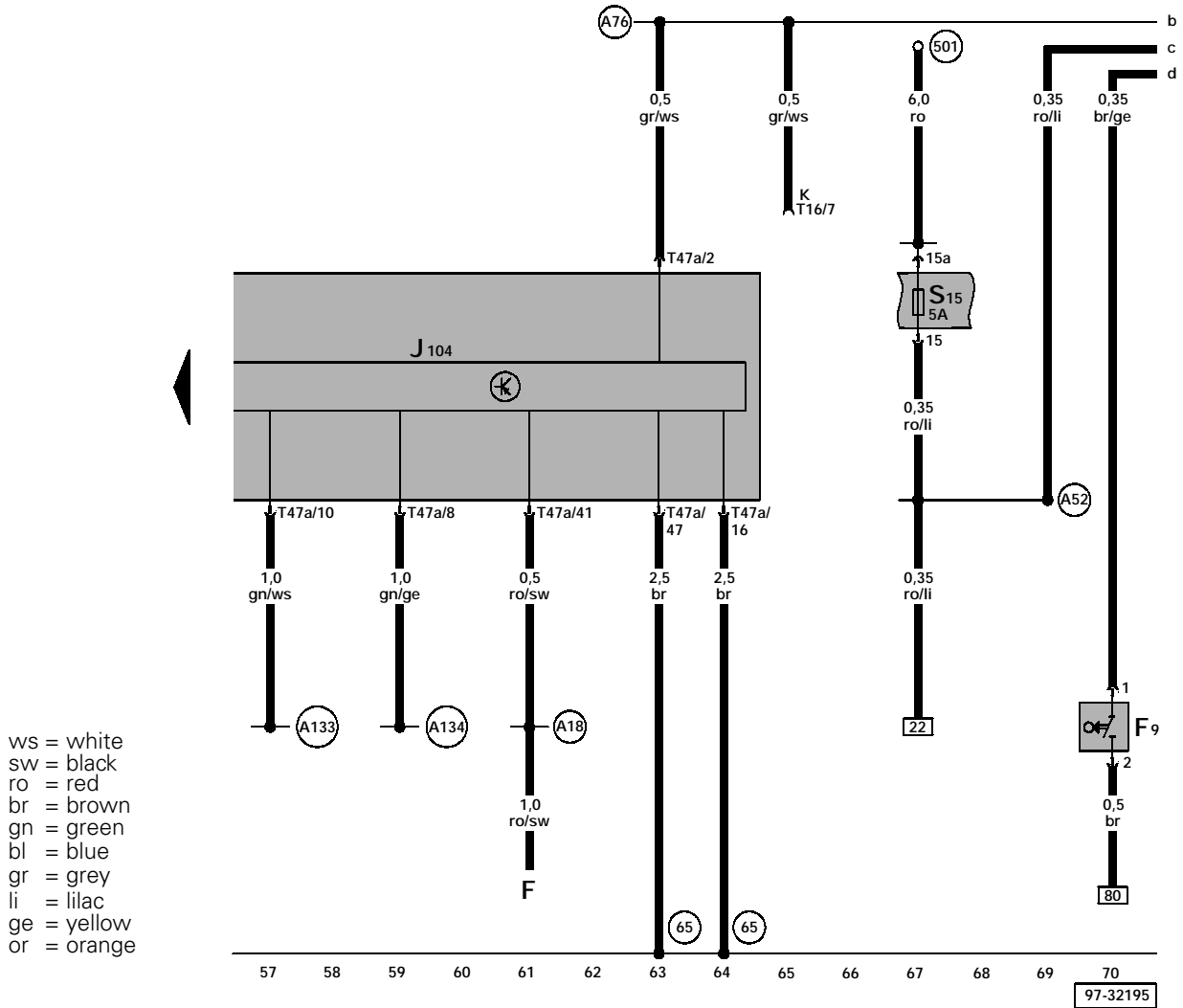
- G44 - Right Rear ABS Wheel Speed Sensor
- G45 - Right Front ABS Wheel Speed Sensor
- G46 - Left Rear ABS Wheel Speed Sensor
- G47 - Left Front ABS Wheel Speed Sensor
- J104 - ABS Control Module (w/EDL), in engine compartment, left
- N99 - Right Front ABS Inlet Valve
- N100 - Right Front ABS Outlet Valve
- N101 - Left Front ABS Inlet Valve
- N102 - Left Front ABS Outlet Valve
- N227 - High pressure switch valve -1- traction control
- N228 - High pressure switch valve -2- traction control
- T47a - 47-Pin Connector

- D147 - Connector (speed sensor rear, left -), in wiring harness engine compartment
- D148 - Connector (speed sensor rear, right +), in wiring harness engine compartment
- D149 - Connector (speed sensor rear, right -), in wiring harness engine compartment

- D146 - Connector (speed sensor rear, left +), in wiring harness engine compartment



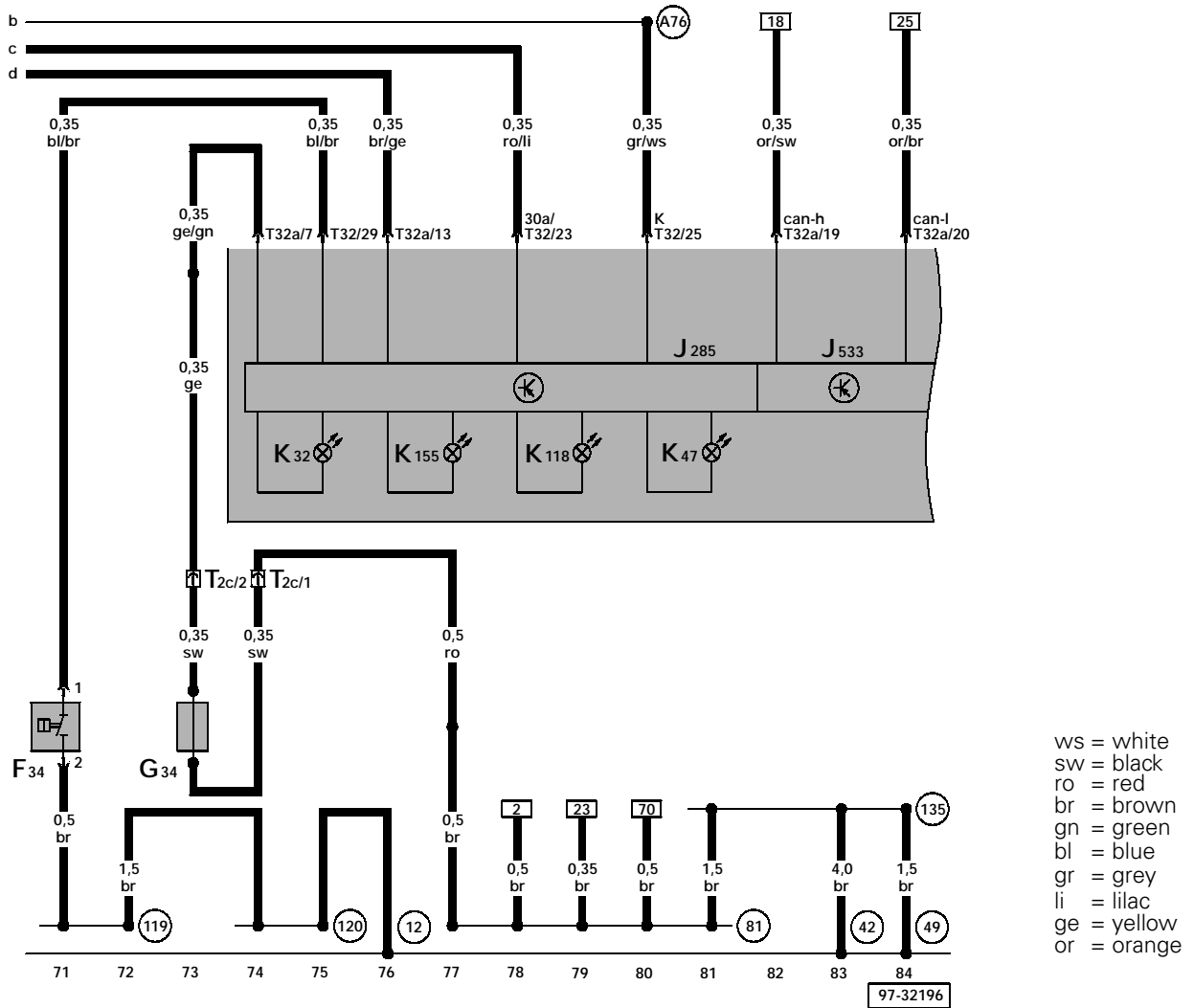
- J104 - ABS Control Module (w/EDL), in engine compartment, left
- G200- Sensor for transverse acceleration
- G201 - Sender 1 for brake booster
- G202- Sender for Rotation Rate
- G419- ESP-Sensor Unit
- T47a - 47-Pin Connector
- V64 - ABS Hydraulic Pump



- F - Brake Light Switch
- F9 - Parking Brake Warning Light Switch
- J104 - ABS Control Module (w/EDL), in engine compartment, left
- S15 - Fuse 15 in fuse holder
- T16 - Data Link Connector (DLC), below instrument panel, left
- T47a - 47-Pin Connector

- (A52) - Positive connection -2- (30), in dash panel wiring harness
- (A76) - Connector (K-diagnosis wire) in instrument panel wiring harness
- (A133) - Connection (ABS-signal left) in instrument panel wiring harness
- (A134) - Connection (ABS-signal right) in instrument panel wiring harness

- (65) - Ground connection, on chassis side member, front left
- (501) - Screw connection -2- (30), on relay plate
- (A18) - Wire connection (54), in instrument panel wiring harness



- F34 - Brake Fluid Level Warning Switch
- G34 - Left Front Brake Pad Wear Sensor
- J285 - Control module with indicator unit in instrument panel insert
- J533 - Data Bus On Board Diagnostic Interface
- K32 - Brake Pad Wear Indicator Light
- K47 - ABS Warning Light
- K118 - Warning light for brake system
- K155 - ESP/ASC Control Lamp
- T2c - Double Connector, near left front brake pad wear sensor
- T32 - 32-Pin Connector, blue
- T32a - 32-Pin Connector, green
- 12 - Ground connection, in engine compartment, left

- 42 - Ground connection, beside steering column
- 49 - Ground connection, on steering column
- 81 - Ground connection -1-, in instrument panel wiring harness
- 119 - Ground connection -1-, in headlight wiring harness
- 120 - Ground connection -2-, in headlight wiring harness
- 135 - Ground connection -2-, in instrument panel wiring harness
- A76 - Connector (K-diagnosis wire) in instrument panel wiring harness