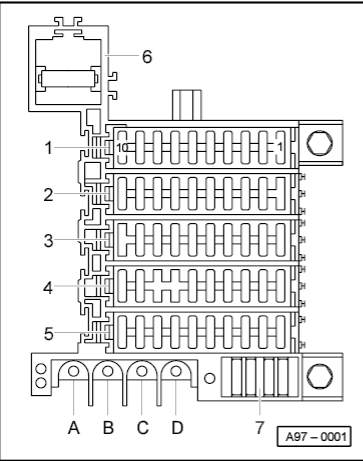


Automatic gearbox (01V) 8 cylinder engines 3.7 l, 170 kW, AEW, AKJ and 6 cylinder engines 2.8 l, 142 kW, ACK, ALG and 2.5 l, 110 kW (TDI) AFB, AKN

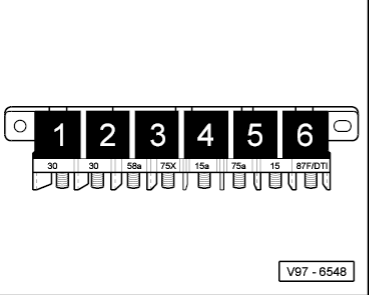
Model year 1998

Fuse box



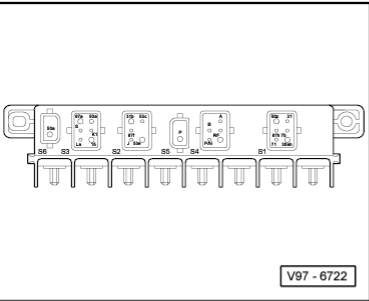
- Fuse colours:
- 30 A - green
 - 25 A - white
 - 20 A - yellow
 - 15 A - blue
 - 10 A - red
 - 5 A - beige
- 1-Fuse carrier 1 (ST1), black
2-Fuse carrier 1 (ST2), red
3-Fuse carrier 1 (ST3), yellow
4-Fuse carrier 1 (ST4), blue
5-Fuse carrier 1 (ST5), brown
6-Radiator fan fuse (S42)
7-Spare fuses
A, B, C, D - Screwed junctions

Central electrics - front side



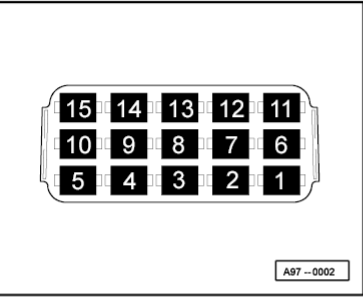
- Position of relays:
- 4** - Starter inhibitor relay (J207)

Central electrics - rear side



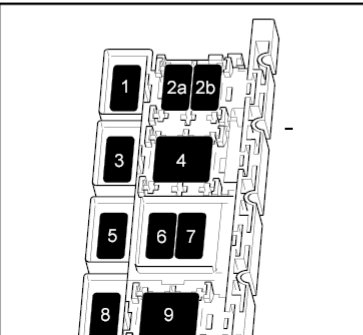
Edition 08.97

Relay carrier, electronics box, front passenger's footwell



- Position of relays:
- 1** - Bulb monitoring device (J123)
 - 6** - Bulb monitoring device (J123)

Relay and fuse carrier, electronics box, plenum chamber



- Position of relays:
- 2b** - Automatic gearbox control unit fuse (S113)

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Current Flow Diagram

Automatic gearbox control unit, fuse, diagnosis connection

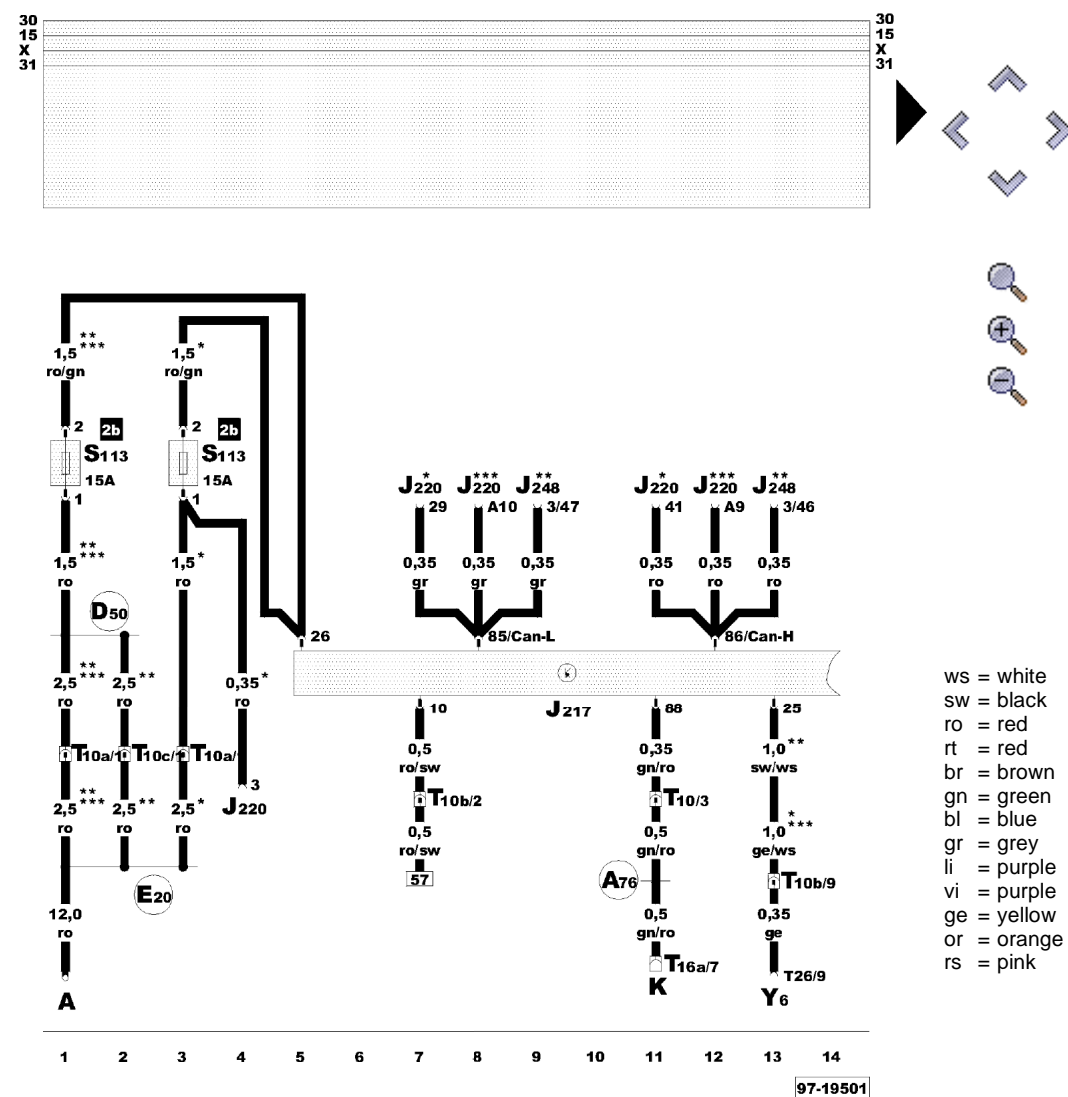
- A - Battery
- J217 - Automatic gearbox control unit
- J220 - Motronic control unit
- J248 - Diesel direct injection system control unit
- K - Diagnosis connection
- S113 - Automatic gearbox control unit fuse
- T10 - 10-pin connector, blue, connector point, electronics box, plenum chamber
- T10a - 10-pin connector, black, connector point, electronics box, plenum chamber
- T10b - 10-pin connector, yellow, connector point, electronics box, plenum chamber
- T10c - 10-pin connector, green, connector point, electronics box, plenum chamber
- T16a - 16-pin connector, diagnosis connection
- T26 - 26-pin connector, red, on dash panel insert
- Y6 - Selector lever position indicator
- A76 - Connection (diagnosis wire K), in dash panel wiring harness

D50 - Positive (+) connection (30), in engine compartment wiring harness

E20 - Positive (+) connection (30), in Motronic wiring harness

- * - Models with 2.8 l engine, 142 kW, engine codes ACK, ALG
- ** - Models with 2.5 l TDI-engine, 110 kW, engine codes AFB, AKN
- *** - Models with 3.7 l engine, 170 kW, engine codes AEW, AKJ

ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = purple
 vi = purple
 ge = yellow
 or = orange
 rs = pink



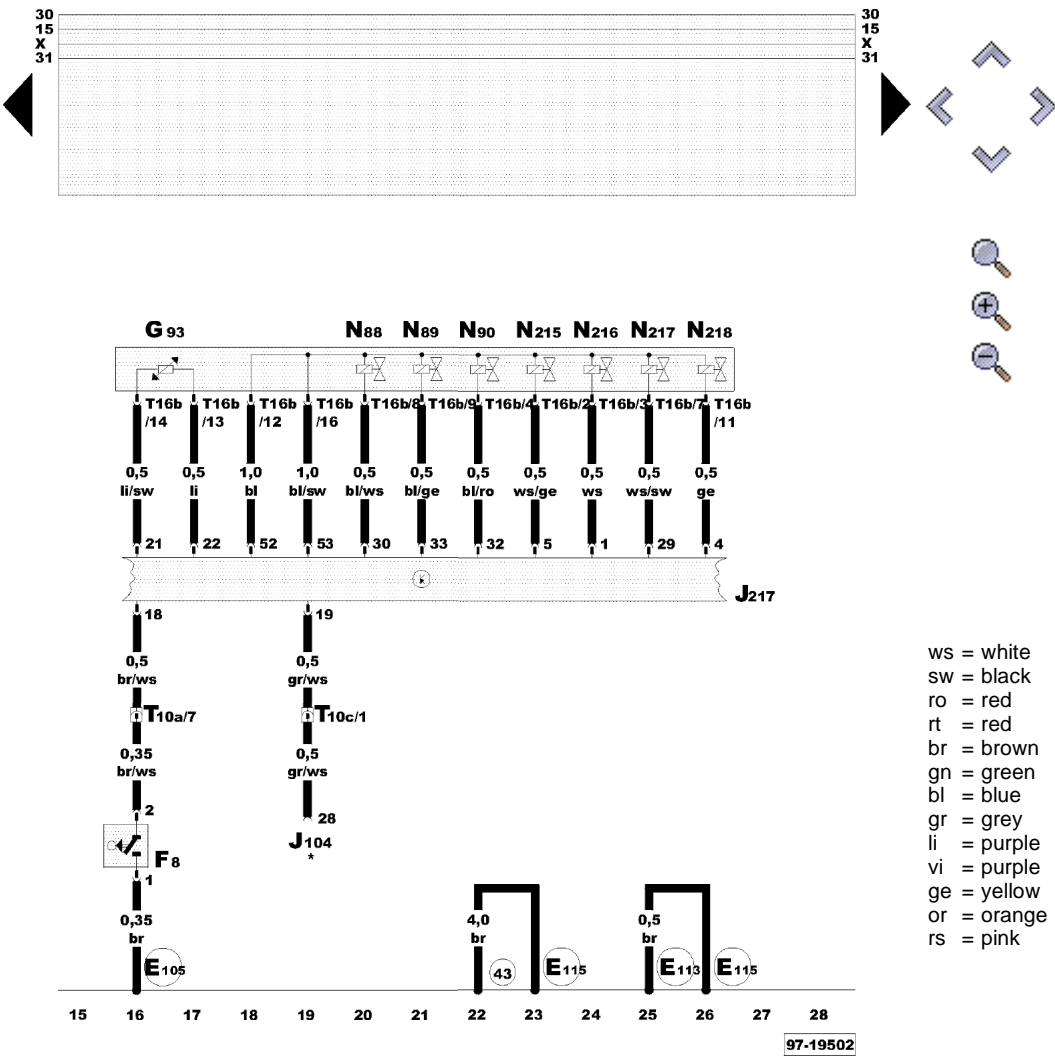
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Current Flow Diagram

Automatic gearbox control unit, solenoid valves, kick-down switch

- F8 - Kick-down switch
- G93 - Gearbox oil temperature sender
- J104 - ABS with EDL control unit
- J217 - Automatic gearbox control unit
- N88 - Solenoid valve 1
- N89 - Solenoid valve 2
- N90 - Solenoid valve 3
- N215 - Automatic gearbox pressure control valve -1-
- N216 - Automatic gearbox pressure control valve -2-
- N217 - Automatic gearbox pressure control valve -3-
- N218 - Automatic gearbox pressure control valve -4-
- T10a - 10-pin connector, black, connector point, electronics box, plenum chamber
- T10c - 10-pin connector, green, connector point, electronics box, plenum chamber
- T16b - 16-pin connector, coupling solenoid valve
- 43 - Earth point, lower part of right A-pillar
- E105 - Earth connection, in dash panel wiring harness, left
- E113 - Earth connection, in dash panel wiring harness
- E115 - Earth connection (centre console), in dash panel wiring harness
- * - Models with front-wheel drive and 2.8 l or 3.7 l engine



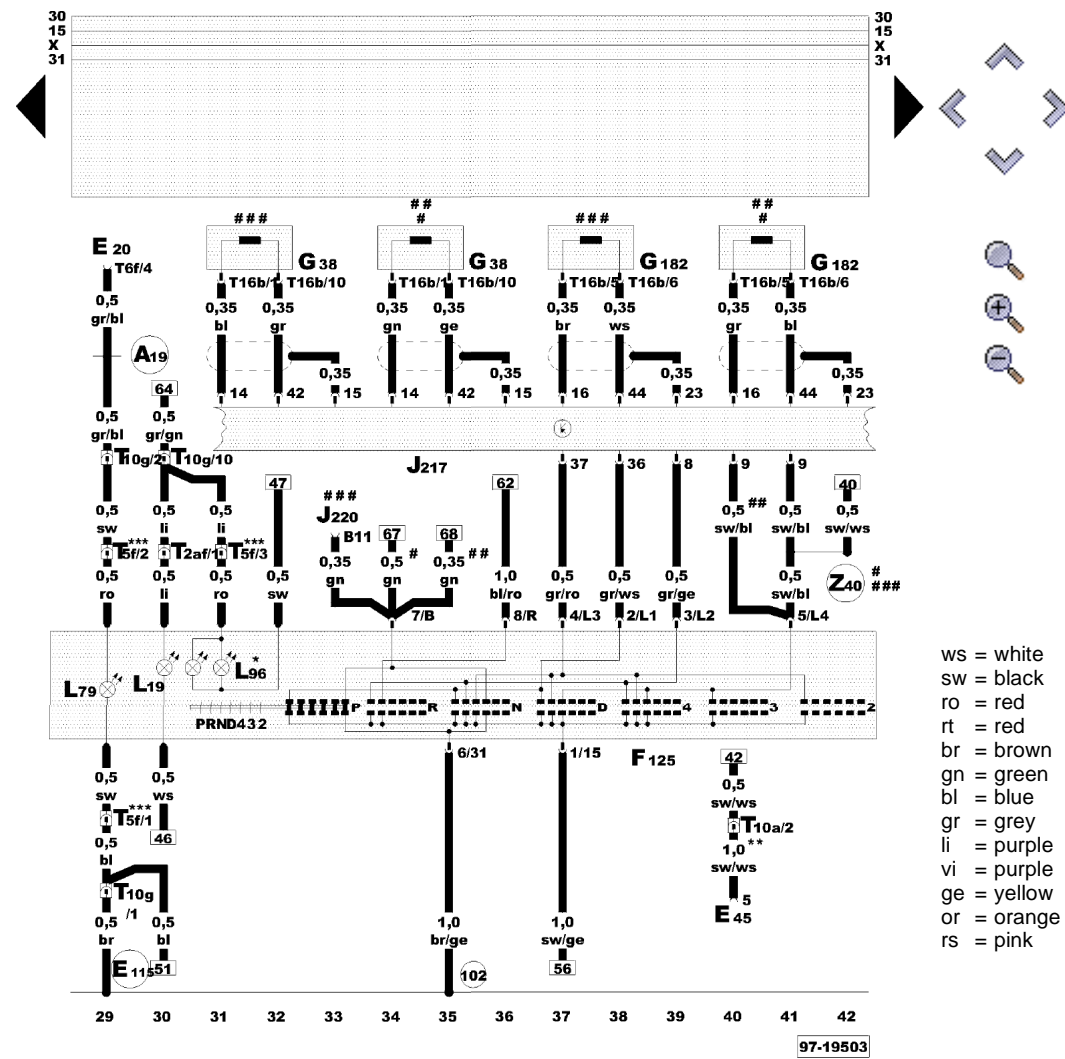
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Current Flow Diagram

Automatic gearbox control unit, multi-function switch

- E20 - Switches and instruments, lighting control
 E45 - Cruise control system switch
 F125 - Multi-function switch
 G38 - Gearbox speed sender
 G182 - Gearbox input speed sender
 J217 - Automatic gearbox control unit
 J220 - Motronic control unit
 L19 - Gear selector light bulb
 L79 - Selector lever illumination
 L96 - +/- Display illumination (automatic gearbox)
 T2af - 2-pin connector, yellow, in selector lever console
 T5f - 5-pin connector, red, in selector lever console
 T6f - 6-pin connector, black, on dash panel insert
 T10a - 10-pin connector, black, connector point, electronics box, plenum chamber
 T10g - 10-pin connector, black, near selector lever console
 T16b - 16-pin connector, coupling solenoid valve
 102 - Earth connection, in gearbox wiring harness
- A19 - Connection (58d), in dash panel wiring harness
- E115 - Earth connection (centre console), in dash panel wiring harness
- Z40 - Positive (+) connection (15), in cruise control system wiring harness
- * - Models with Tiptronic
 ** - Models with CCS
 *** - Red plug connected to black connector
 # - Models with 2.8 l engine, 142 kW, engine codes ACK, ALG
 ## - Models with 2.5 l TDI-engine, 110 kW, engine codes AFB, AKN
 ### - Models with 3.7 l engine, 170 kW, engine codes AEW, AKJ



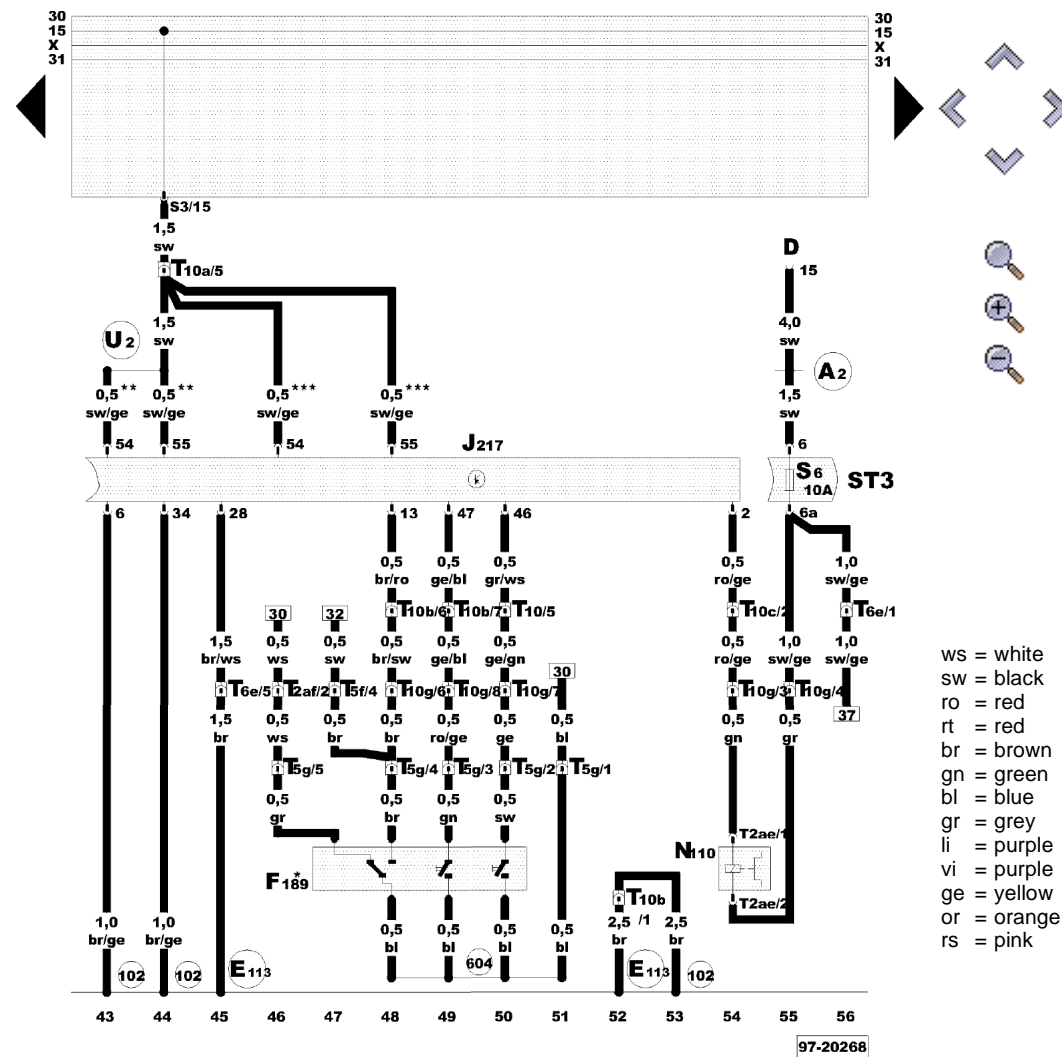
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Current Flow Diagram

Automatic gearbox control unit, Tiptronic switch

- D - Ignition/starter switch
 F189 - Tiptronic switch
 J217 - Automatic gearbox control unit
 N110 - Selector lever lock solenoid
 S6 - Fuse in fuse carrier
 T2ae - 2-pin connector, black, in selector lever console
 T2af - 2-pin connector, yellow, in selector lever console
 T5f - 5-pin connector, red, in selector lever console
 T5g - 5-pin connector, black, in selector lever console
 T6e - 6-pin connector, brown, connector point, electronics box, plenum chamber
 T10 - 10-pin connector, blue, connector point, electronics box, plenum chamber
 T10a - 10-pin connector, black, connector point, electronics box, plenum chamber
 T10b - 10-pin connector, yellow, connector point, electronics box, plenum chamber
 T10c - 10-pin connector, green, connector point, electronics box, plenum chamber
 T10g - 10-pin connector, black, near selector lever console
 102 - Earth connection, in gearbox wiring harness
 604 - Earth connection, selector lever illumination
 A2 - Positive (+) connection (15), in dash panel wiring harness
 E113 - Earth connection, in dash panel wiring harness
 U2 - Connection -1- (15), in automatic gearbox wiring harness
 * - Models with Tiptronic
 ** - Models with 2.8 l engine, 142 kW, engine codes ACK and ALG and 2.5 l TDI-engine, engine codes AFB and AKN
 *** - Models with 3.7 l engine, 170 kW, engine codes AEW and AKJ



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Current Flow Diagram

Brake light switch, starter inhibitor relay, reversing light

- B - Starter
 D - Ignition/starter switch
 E1 - Lighting switch
 F - Brake light switch
 J123 - Bulb monitoring device
 J207 - Starter inhibitor relay
 J220 - Motronic control unit
 J267 - Mirror memory control unit
 M9 - Brake light bulb, left
 M10 - Brake light bulb, right
 M16 - Reversing light bulb, left
 M17 - Reversing light bulb, right
 S3 - Fuse in fuse carrier
 S7 - Fuse in fuse carrier
 S9 - Fuse in fuse carrier
 T6b - 6-pin connector, grey, footwell, right, at wheelhouse, behind carpet
 T10 - 10-pin connector, blue, connector point, electronics box, plenum chamber
 T10d - 10-pin connector, red, connector point, electronics box, plenum chamber
 T14 - 14-pin connector, purple, behind steering column switch trim
 98 - Earth connection, in tailgate/bootlid wiring harness
 A18 - Connection (54), in dash panel wiring harness
 A37 - Connection (58a), in dash panel wiring harness
 E100 - Connection (multi-function switch), in dash panel wiring harness
 Q22 - Connection -1-, in tailgate/bootlid wiring harness
 * - Models with 2.8 l engine, 142 kW, engine codes ACK, ALG
 ** - Models with 2.5 l TDI-engine, 110 kW, engine codes AFB, AKN
 *** - Models with 3.7 l engine, 170 kW, engine codes AEW, AKJ

