

Golf/Vento

Current Flow Diagram

No. 7 / 1

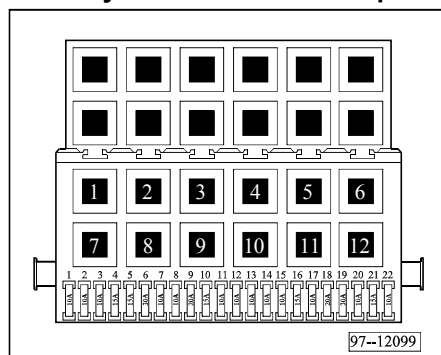
Edition 07.1997

1.6 ltr./74 kW Simos, engine code AFT

From December 1995

Relay locations:

For relay locations and multi-pin connector wiring, see section "Fitting locations section"



3 - Simos control unit current supply relay (30)

12 - Fuel pump relay (167)



Notes:

The number in brackets behind the part designation denotes the control number on the housing.

Fuse colours

30 A - green

25 A - white

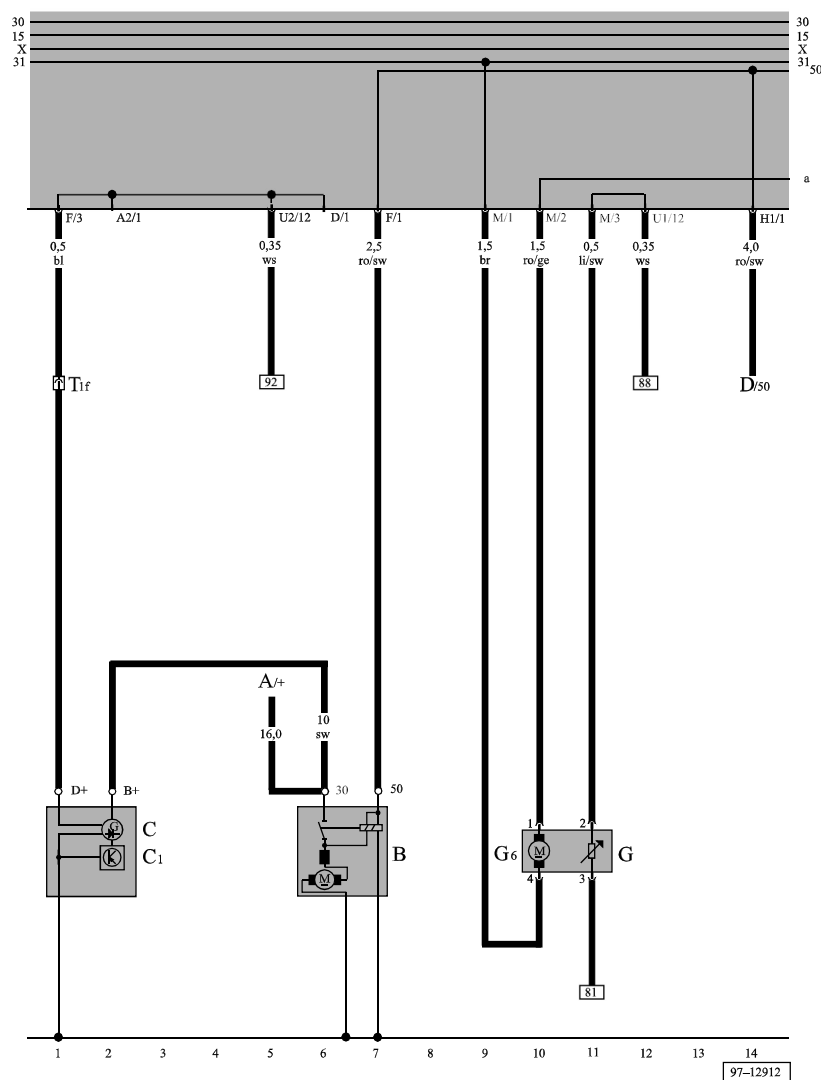
20 A - yellow

15 A - blue

10 A - red

Current Flow Diagram

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- Alternator, starter, fuel pump, fuel gauge sender**

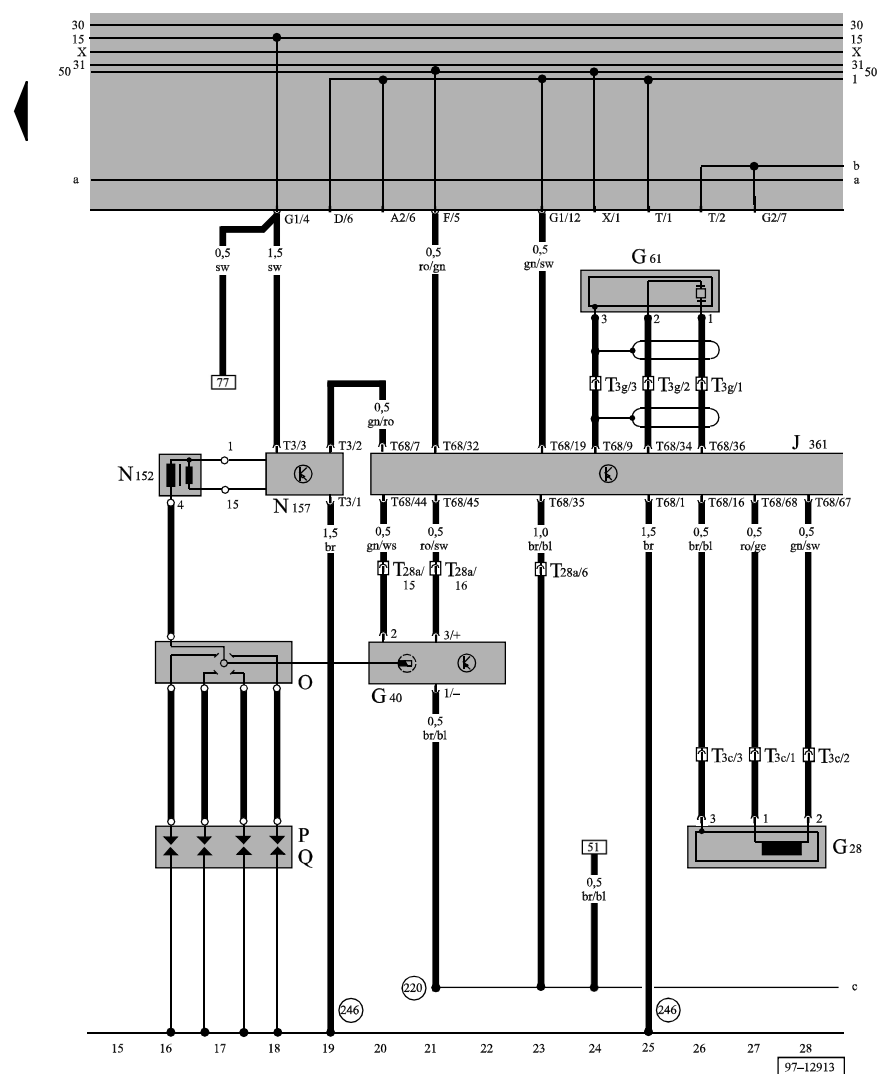
- A - Battery
- B - Starter
- C - Alternator
- C1 - Voltage regulator
- D - Ignition/starter switch
- G - Fuel gauge sender
- G6 - Fuel pump (pre-supply pump)
- T1f - Single connector, near starter

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

Golf/Vento

Current Flow Diagram

No. 7 / 3



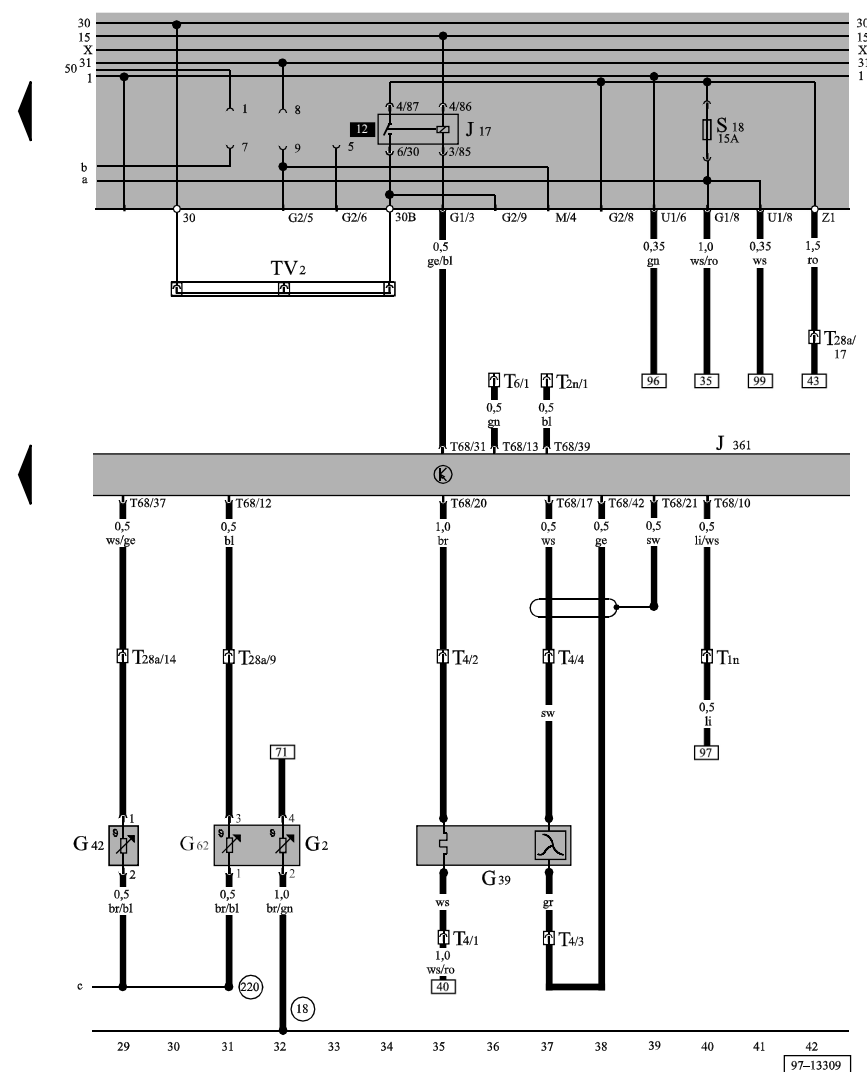
Simos control unit, ignition system, engine speed sender, knock sensor

- G28 - Engine speed sender
- G40 - Hall sender
- G61 - Knock sensor I
- J361 - Simos control unit, right in plenum chamber
- N152 - Ignition transformer
- N157 - Ignition transformer output stage
- O - Ignition distributor
- P - Spark plug connector
- Q - Flame plug
- T3 - 3-pin connector
- T3c - Single connector, near starter
- T3g - Single connector, near starter
- T28 - 28-pin connector, on left cylinder head
- T68 - 68-pin connector
- 220 - Earth connection (sender earth), in engine wiring harness
- 246 - Earth connection, in Simos wiring harness

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Current Flow Diagram

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Simos control unit, Lambda probe, coolant temperature sender, intake manifold temperature sender

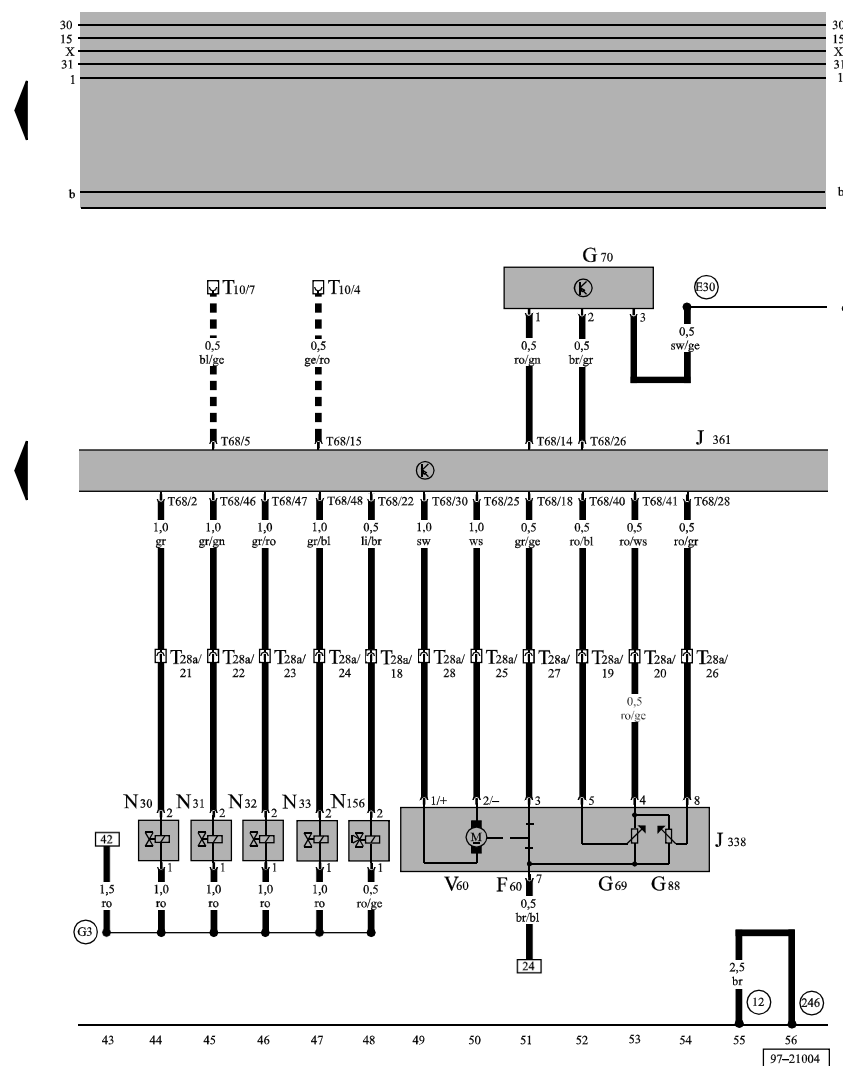
- G2 - Coolant temperature sender
- G39 - Lambda probe
- G42 - Intake air temperature sender
- G62 - Coolant temperature sender
- J17 - Fuel pump relay
- J361 - Simos control unit, right in plenum chamber
- T1n - Single connector, behind the relay plate
- T2n - 2-pin connector, behind the relay plate - air conditioning system -
- T4 - 4-pin connector, near exhaust manifold
- T6 - 6-pin connector, air conditioning system
- TV2 - Terminal 30 junction box, behind the relay plate
- 18 - Earth point, on cylinder block
- 220 - Earth connection (sender earth), in engine wiring harness

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Current Flow Diagram

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Simos control unit, injectors, air mass meter, throttle valve control part, intake manifold change-over valve

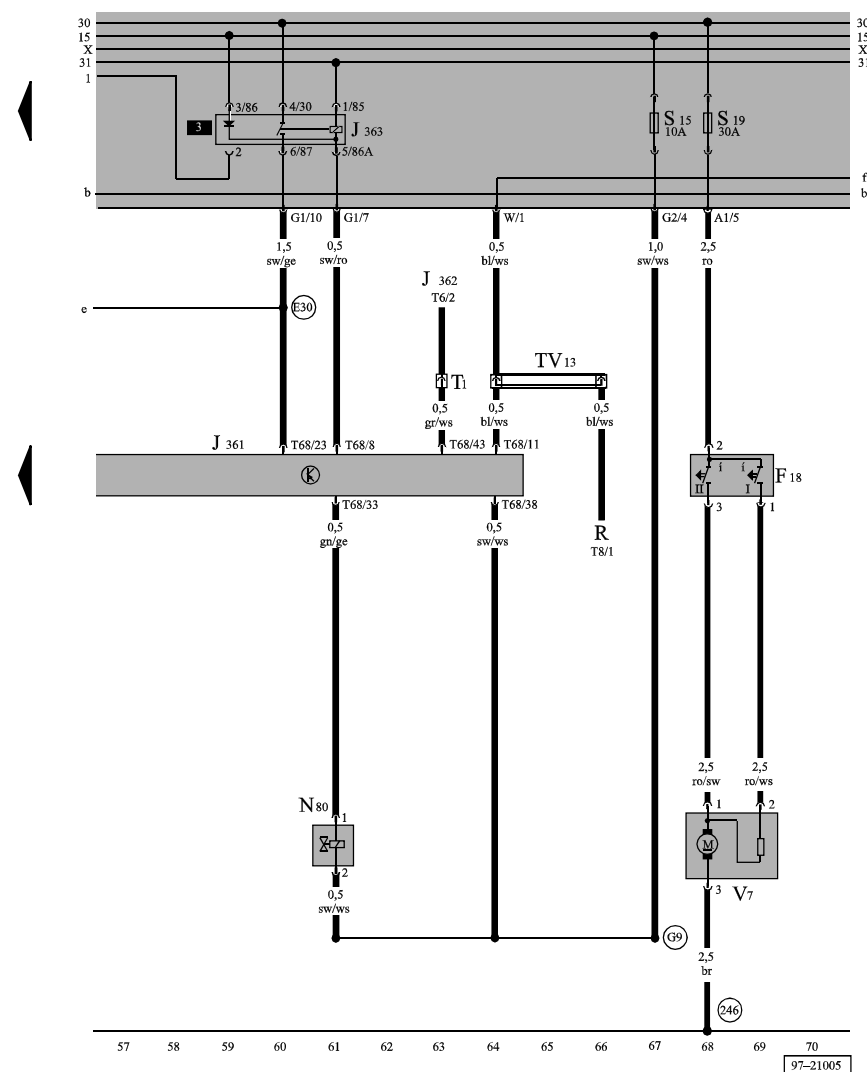
- F60 - Idling switch
- G69 - Throttle valve potentiometer
- G70 - Air mass meter
- G88 - Throttle valve positioner potentiometer
- J338 - Throttle valve control unit
- J361 - Simos control unit, right in plenum chamber
- N30 - Injector, cylinder 1
- N31 - Injector, cylinder 2
- N32 - Injector, cylinder 3
- N33 - Injector, cylinder 4
- N156 - Intake manifold change-over valve
- T10 - 10-pin connector, behind the relay plate
- T28a - 28-pin connector, on left cylinder head
- T68 - 68-pin connector
- V60 - Throttle valve positioner
- 12 - Earth point, in engine compartment, left
- 246 - Earth connection, in Simos wiring harness
- E30 - Connection (87), in engine wiring harness
- G3 - Positive (+) connection in cable sleeve - injectors
- - For automatic gearbox only

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Current Flow Diagram

No. 7 / 6



Simos control unit, activated charcoal filter system solenoid valve

- F18 - Radiator fan thermo-switch
- J361 - Simos control unit, right in plenum chamber
- J362 - Immobilizer control unit, left behind dash panel
- J363 - Current supply relay for Simos control unit
- N80 - Activated charcoal filter system solenoid valve I (pulsed)
- R - Radio
- T1 - Single connector
- T6 - 6-pin connector, on immobilizer control unit
- T8 - 8-pin connector, on radio
- T68 - 68-pin connector
- TV13 - Speed signal junction box, above the relay plate
- V7 - Radiator fan
- 246 - Earth connection, in Simos wiring harness
- E30 - Connection (87), in engine wiring harness
- G9 - Connection, in Simos wiring harness

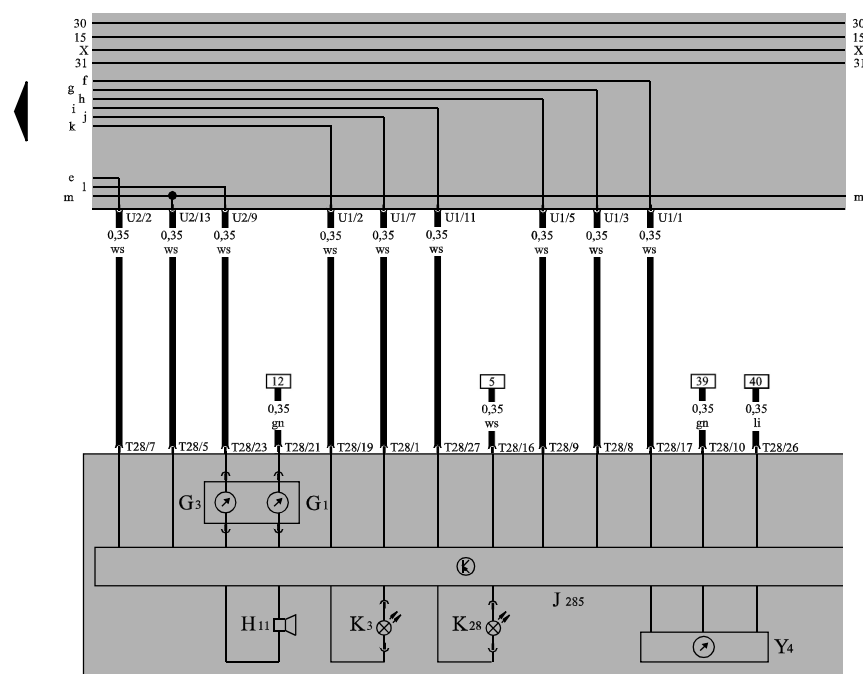
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Current Flow Diagram

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Dash panel insert, optical and acoustic oil pressure warning, odometer display, coolant shortage and coolant temperature warning, fuel gauge

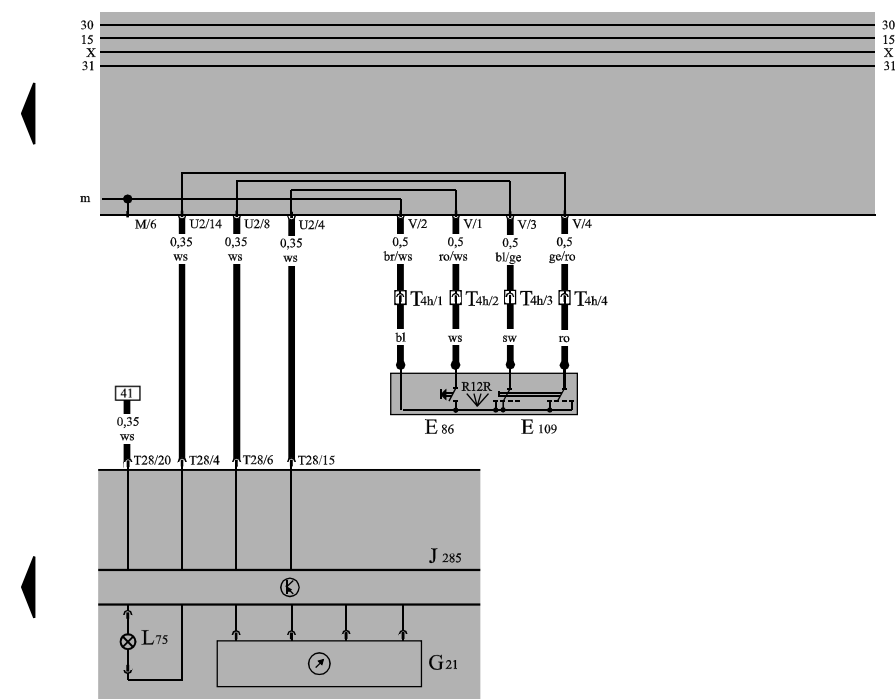
- G1 - Fuel gauge
- G3 - Coolant temperature gauge
- H11 - Oil pressure warning buzzer
- J285 - Control unit with display in dash panel insert
- K3 - Oil pressure warning lamp
- K28 - Coolant temperature/ coolant shortage warning llamp
- T28 - 28-pin connector, on dash panel insert
- Y4 - Odometer display

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Current Flow Diagram

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**Dash panel insert, speedometer, multi-function indicator switch**

- E86 - Multi-function display call-up button
- E109 - Multi-function display, memory switch
- G21 - Speedometer
- J285 - Control unit with display in dash panel insert
- L75 - Digital display illumination
- T4h - 4-pin connector, behind steering column switch trim
- T28 - 28-pin connector, on dash panel insert

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