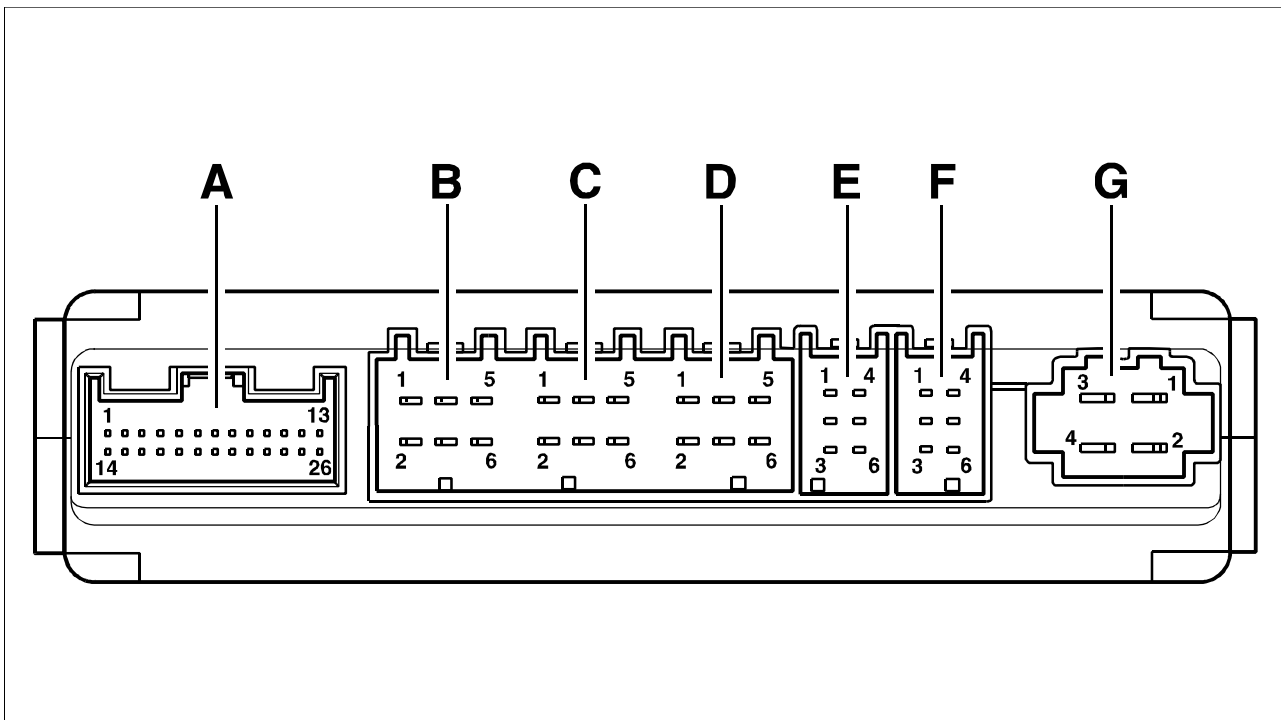


## Connector assignment

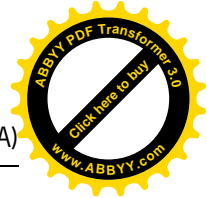
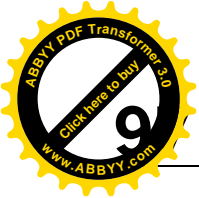
**i Note!**

The plugs on the vehicle electrical system control module can only be pulled off and re-connected in a certain sequence.



### Plug 'A', 26-pin

Pin	Designation	Pin	Designation
1	CAN comfort (high)	2	CAN comfort (low)
3	Input from warning light switch (button) 'pin A3'	4	Input from main light switch (fog light) 'pin A5'
5	Input from main light switch (driving light assistant) 'pin A2'	6	Input for interior light from central interior light deactivation switch (button) 'pin A11'
7	Not assigned	8	Power supply output to potentiometer footwell lighting 'pin A14'
9	Input signal for left/right headlight beam adjustment ('pin 12' for left only)	10	Not assigned
11	Not assigned	12	Input for tapped potentiometer, footwell lights 'pin A15'
13	Not assigned	14	Not assigned



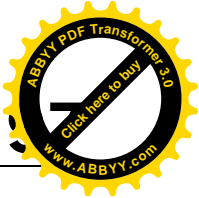
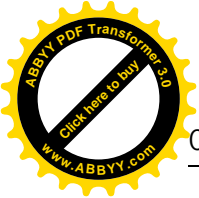
Pin	Designation	Pin	Designation
15	Ignition signal from KESSY control unit	16	Input from contact switch on engine compartment lid 'pin 2'
17	Input from main light switch (parking light) 'pin A3'	18	Input from main light switch (rear fog light) 'pin A7'
19	Input from main light switch (dipped beam headlight) 'pin A1'	20	Input from switch (reversing light) 'pin A1'
21	Input for terminal 15 signal/fuse carrier at left of dashboard 'F53'	22	Input from main light switch (zero position signal) 'pin A9'
23	Input for signal starter lead	24	Not assigned
25	Output to ground for potentiometer footwell lights 'pin A16'	26	Not assigned

### Plug 'B', 6-pin

Pin	Designation	Pin	Designation
1	Not assigned	2	Not assigned
3	Output to left/right fog light (connector 'pin 10')	4	Not assigned
5	Terminal 30 power supply for fog light, fuse carrier at left of dashboard 'F19'	6	Not assigned

### Plug 'C', 6-pin

Pin	Designation	Pin	Designation
1	Output for instrument lighting (terminal 58d) potentiometer for headlight beam adjustment 'pin A2'	2	Output for interior light
3	Output for footwell lights 'pin 2'	4	Ground input (terminal 31) for interior lights 'MB 23'
5	Ground input (terminal 31) 'MB 23'	6	Power supply input (terminal 30) for corner-sensitive headlight from fuse carrier at left of dashboard 'F21'

**Plug 'D', 6-pin**

Pin	Designation	Pin	Designation
1	Output for left corner-sensitive headlight/left headlight 'pin A9'	2	Output for right corner-sensitive headlight/right headlight 'pin A9'
3	Power supply input for dipped beam and high beam headlight (terminal 30) from fuse carrier at left of dashboard 'F35'	4	Power supply input for left direction indicator and side light (terminal 30) from fuse carrier at left of dashboard 'F17'
5	Power supply input for right dipped beam and high beam headlight (terminal 30) from fuse carrier at right of dashboard 'F17'	6	Power supply input for right direction indicator and side light (terminal 30) from fuse carrier at right of dashboard 'F35'

**Plug 'E', 6-pin**

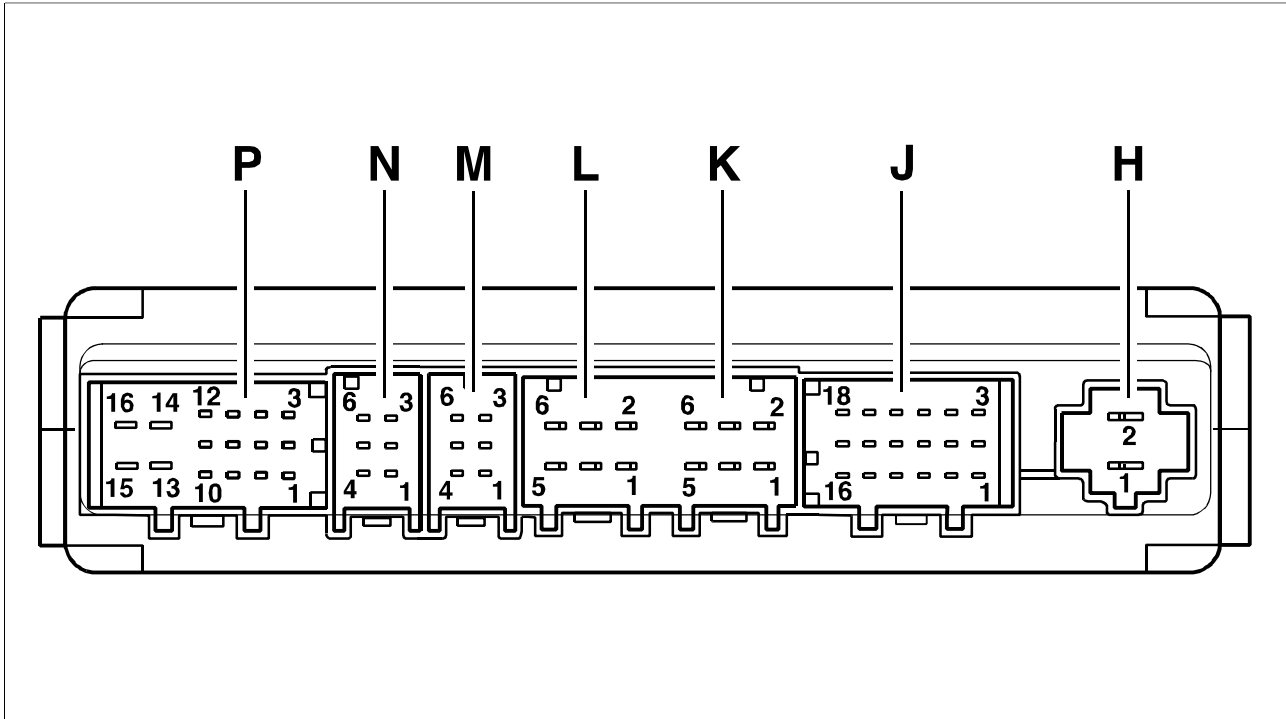
Pin	Designation	Pin	Designation
1	Output for left direction indicator light (left direction indicators)	2	Output for left high beam headlight (left headlight) 'pin A 3'
3	Output for left dipped beam headlight (left headlight) 'pin A 5'	4	Output for left side light 'pin A 4'
5	Not assigned	6	Not assigned

**Plug 'F', 6-pin**

Pin	Designation	Pin	Designation
1	Output for right high beam headlight (right headlight) 'pin A3'	2	Output for right dipped beam headlight (right headlight) 'pin A5'
3	Not assigned	4	Output for right direction indicator light (right direction indicators)
5	Output for right side light 'pin A4'	6	Not assigned

**Plug 'G', 4-pin**

Pin	Designation	Pin	Designation
1	Not assigned	2	Not assigned
3	Horn	4	Power supply input for terminal 30 from fuse carrier at left of dashboard 'F16' for horn

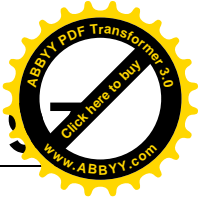
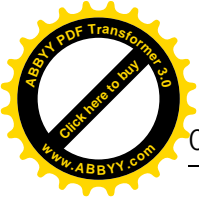


**Plug 'H', 2-pin**

Pin	Designation	Pin	Designation
1	Power supply input for terminal 30, auxiliary high beam headlight	2	Output for auxiliary high beam headlight

**Plug 'J', 18-pin**

Pin	Designation	Pin	Designation
1	Power supply output for terminal 58d of potentiometer for setting instrument lighting	2	Input signal for terminal 58d of potentiometer for setting instrument lighting
3	Ground output for terminal 58d of potentiometer for setting instrument lighting	4	Output signal for warning light switch
5	Not assigned	6	Not assigned
7	Not assigned	8	Not assigned
9	Starter battery cutoff relay (second battery)/charging relay	10	Starter battery cutoff relay (second battery)/charging relay
11	Output for headlight cleaning system relay	12	Output for activation signal for level control module
13	Output for relay for the electric fuel pump (electric fuel pump supply)	14	Not assigned



Pin	Designation	Pin	Designation
15	Not assigned	16	Output for seat heating release signal
17	Not assigned	18	Not assigned

**Plug 'K', 6-pin**

Pin	Designation	Pin	Designation
1	Power supply input for 'terminal 30' of interior light 'terminal 58d'	2	Power supply output for interior light
3	Output for pump for windscreen washer system (rear wash polarity)	4	Output for pump for windscreen washer system (front wash polarity)
5	Ground input (terminal 31) for activation of pump for windscreen washing system	6	Not assigned

**Plug 'L', 6-pin**

Pin	Designation	Pin	Designation
1	Power supply input (terminal 30) for pump for windscreen washing system	2	Not assigned
3	Power supply output for driving light assistant sensor (supply)	4	Not assigned
5	Not assigned	6	Not assigned

**Plug 'M', 6-pin****Note!**

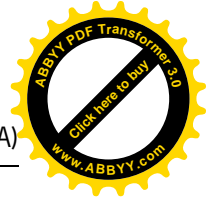
Plug 'M' is not used.

**Plug 'N', 6-pin****Note!**

Plug 'N' is not used.

**Plug 'P', 16-pin**

Pin	Designation	Pin	Designation
1	Not assigned	2	Not assigned
3	Not assigned	4	Input for positive measurement of vehicle electrical system battery via fuse F9 in 'radiator tank E-box'



Pin	Designation	Pin	Designation
5	Not assigned	6	Not assigned
7	Input for positive measurement of starter battery via fuse F10 in 'radiator tank E-box'	8	Input for ground measurement of starter battery from ground pin 'GND 23'
9	Input for ground measurement of vehicle electrical system battery from ground pin 'GND 23'	10	Not assigned
11	Not assigned	12	Not assigned
13	Input for terminal 30 of vehicle electrical system battery via 'fuse carrier at left of dashboard', fuse F36	14	Input for terminal 30 of starter battery via fuse F10 in 'radiator tank E-box'
15	Ground input (ground pin 'GND 23') for the 'vehicle electrical system control unit'	16	Not assigned