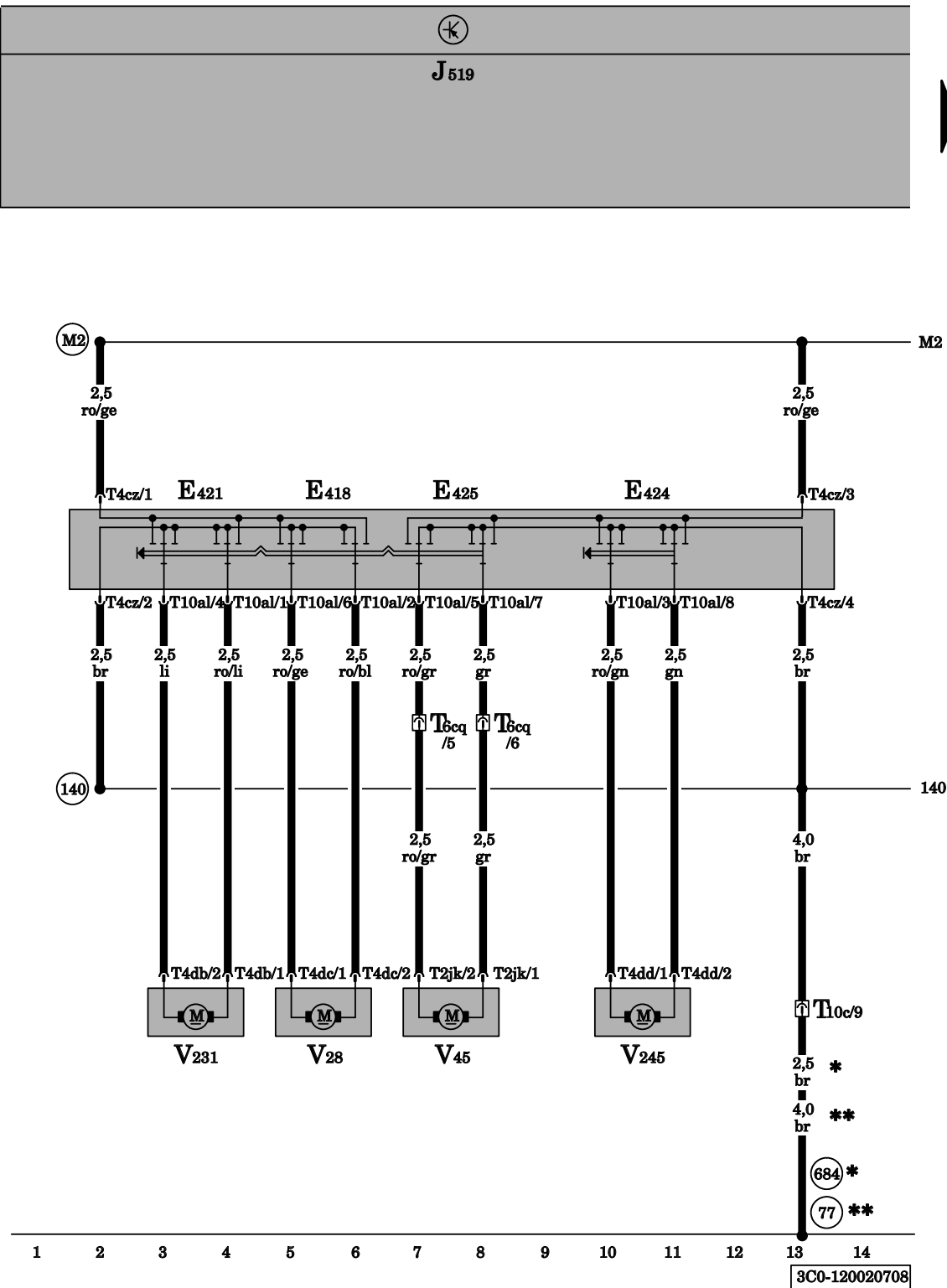


Wiring Diagram VW PASSAT 2007 - Seat longitudinal adjustment - rake adjustment - seat height adjustment - backrest adjustment - driver side



	
E418	Seat longitudinal adjustment button
E421	Rake adjustment button
E424	Seat height adjustment button
E425	Backrest adjustment button
J519	Onboard supply control unit
T2jk	2-pin connector
T4cz	4-pin connector
T4db	4-pin connector
T4dc	4-pin connector



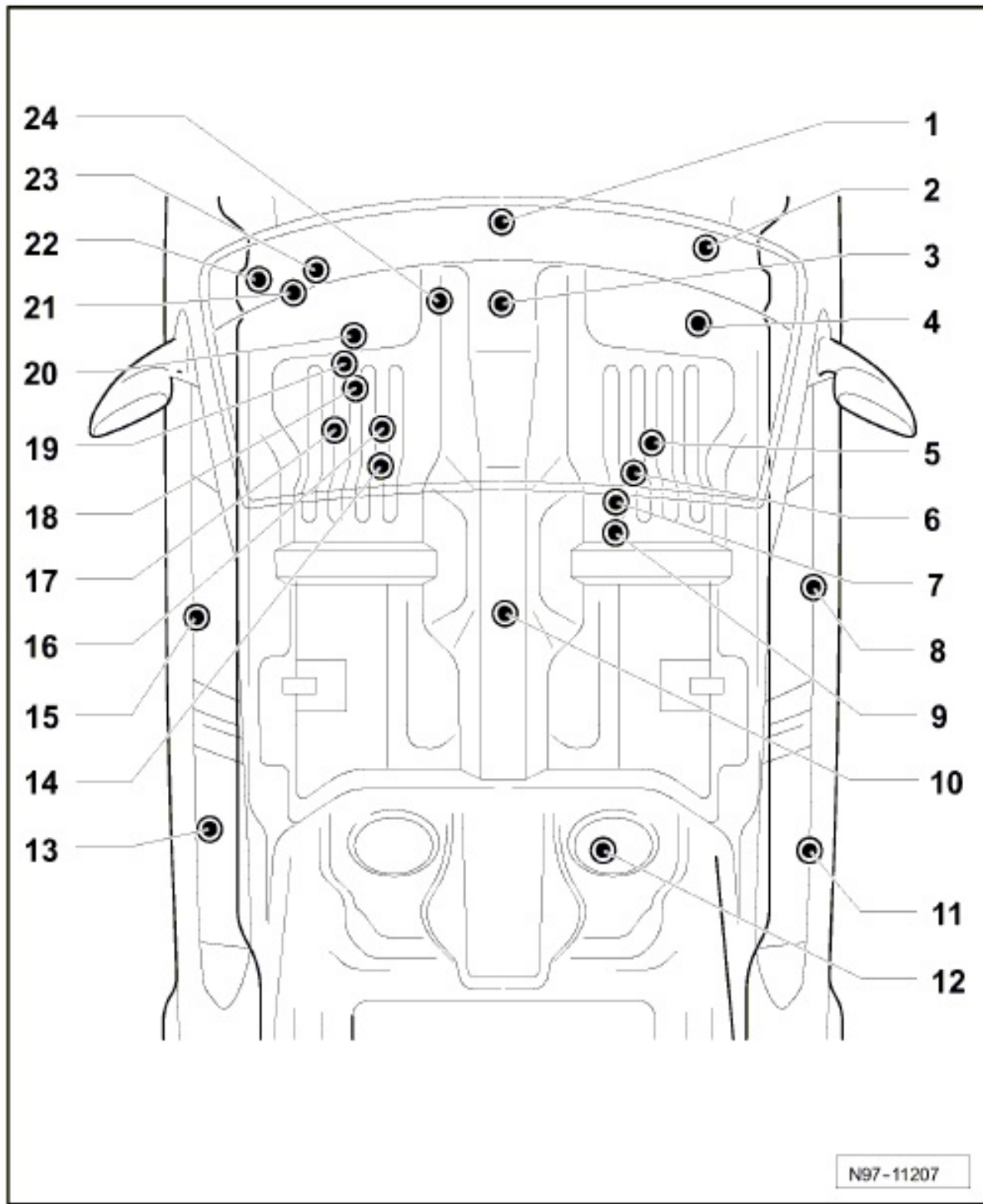
E176	Driver seat lumbar support adjustment switch
J519	Onboard supply control unit
S224	Fuse in fuse holder on left under dash panel
SC36	Fuse 36 on fuse holder C
T2jl	2-pin connector
T2jm	2-pin connector
T6cp	6-pin connector
T6cq	6-pin connector, in seat
T10c	10-pin connector, black, coupling point driver side, under seat
V125	Driver seat lumbar support longitudinal adjustment motor
V129	Driver seat lumbar support height adjustment motor
140	Earth connection 2, in seat adjustment wiring harness
M2	Positive connection 2 (30), in seat adjustment wiring harness
*	Applicable from May 2008
**	Applicable to April 2008

VW PASSAT 2007

Connector:

VW PASSAT 2007 Overview of control units

Overview of control units



2

- q 50-pin connector assignment ⇒ applicable to October 2007
- q 50-pin connector assignment ⇒ applicable to October 2007
- q 75-pin connector assignment ⇒ applicable to October 2007
- q 75-pin connector assignment ⇒ applicable to October 2007
- q 100-pin connector assignment ⇒ applicable from November 2007
- q 100-pin connector assignment ⇒ applicable from November 2007
- q Connector assignment
- q Connections
- Climatronic control unit -J255-
- q Air conditioning system control unit -J301-
- q Connector assignment
- q Connections
- q Climatronic control unit -J255-

q Connector assignment

q Connections

q Connector assignment

q Connections

q Connector assignment

q Connections

q Connector assignment

q Connections

q Connector assignment

q Connections

q Connector assignment

q Connections

q Connector assignment

q Connections

q Connector assignment

q Connections

q Connector assignment

q Connections

q Connector assignment

q Connections

q Connector assignment

q B - Connector cruise control system (CCS) and turn signal

q C - 20-pin connector -T20d-

q D - 4-pin connector -T4-

q E - Connector for wiper and multifunction display

q F - Connector for steering angle sensor

q G - Connector for airbag return spring/multifunction steering wheel

Control unit in dash panel insert -J285-

q 36-pin connector -T36- ⇒ applicable to October 2008

q 32-pin connector -T32c- ⇒ applicable from November 2008

q A - 11-pin connector -T11-

q B - 12-pin connector -T12i-

q C - 12-pin connector -T12k-

q D - 11-pin connector -T11a-

q E - 16-pin connector -T16g-

q F- 8-pin connector -T8t-

q G - 12-pin connector -T12m- -

q H- 12-pin connector -T12-

q I - 2-pin connector -T2cp-

q J - 6-pin connector -T6ap-

q K - 10-pin connector -T10s-

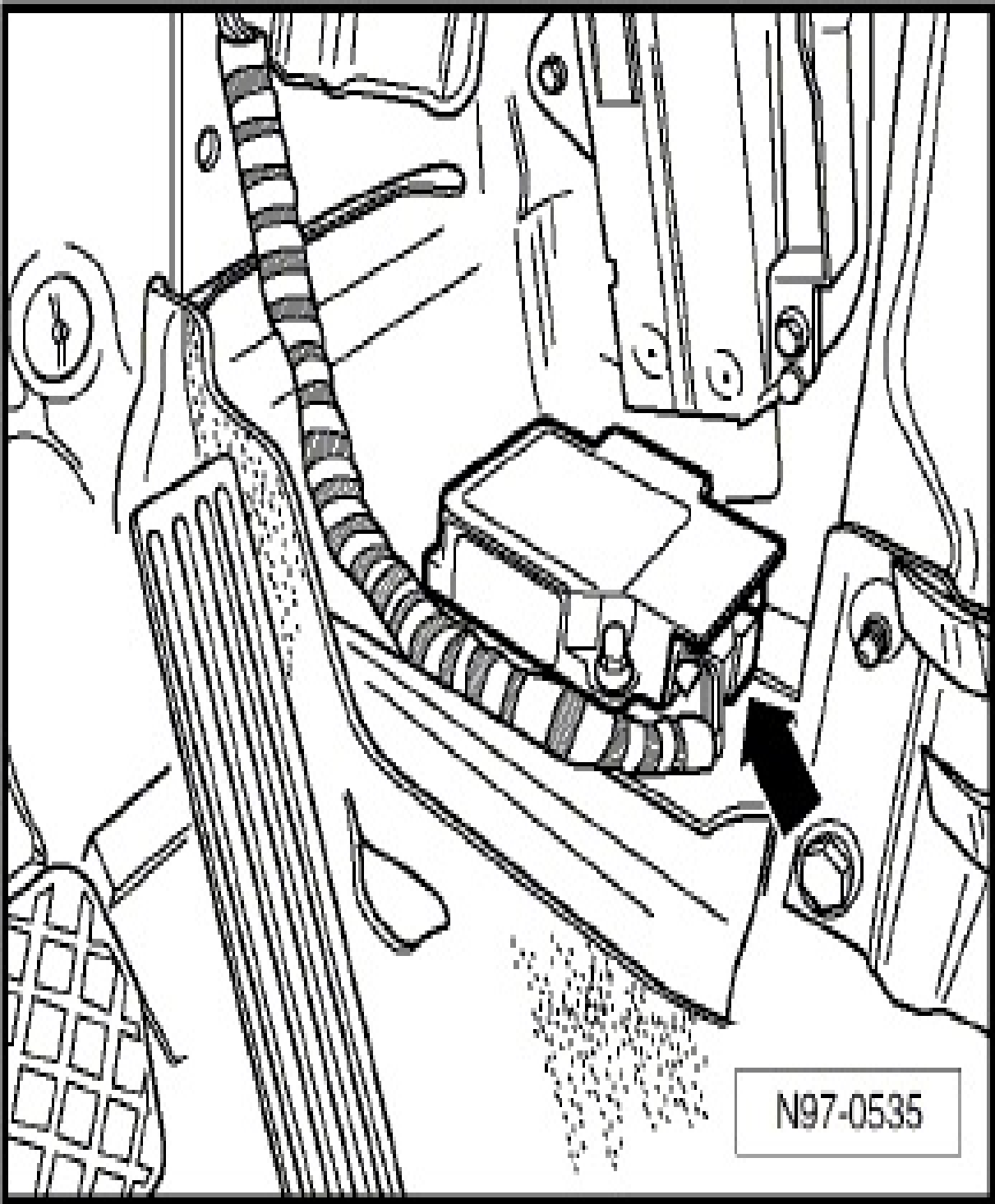
q L - 2-pin connector -T2cq-

q Connections

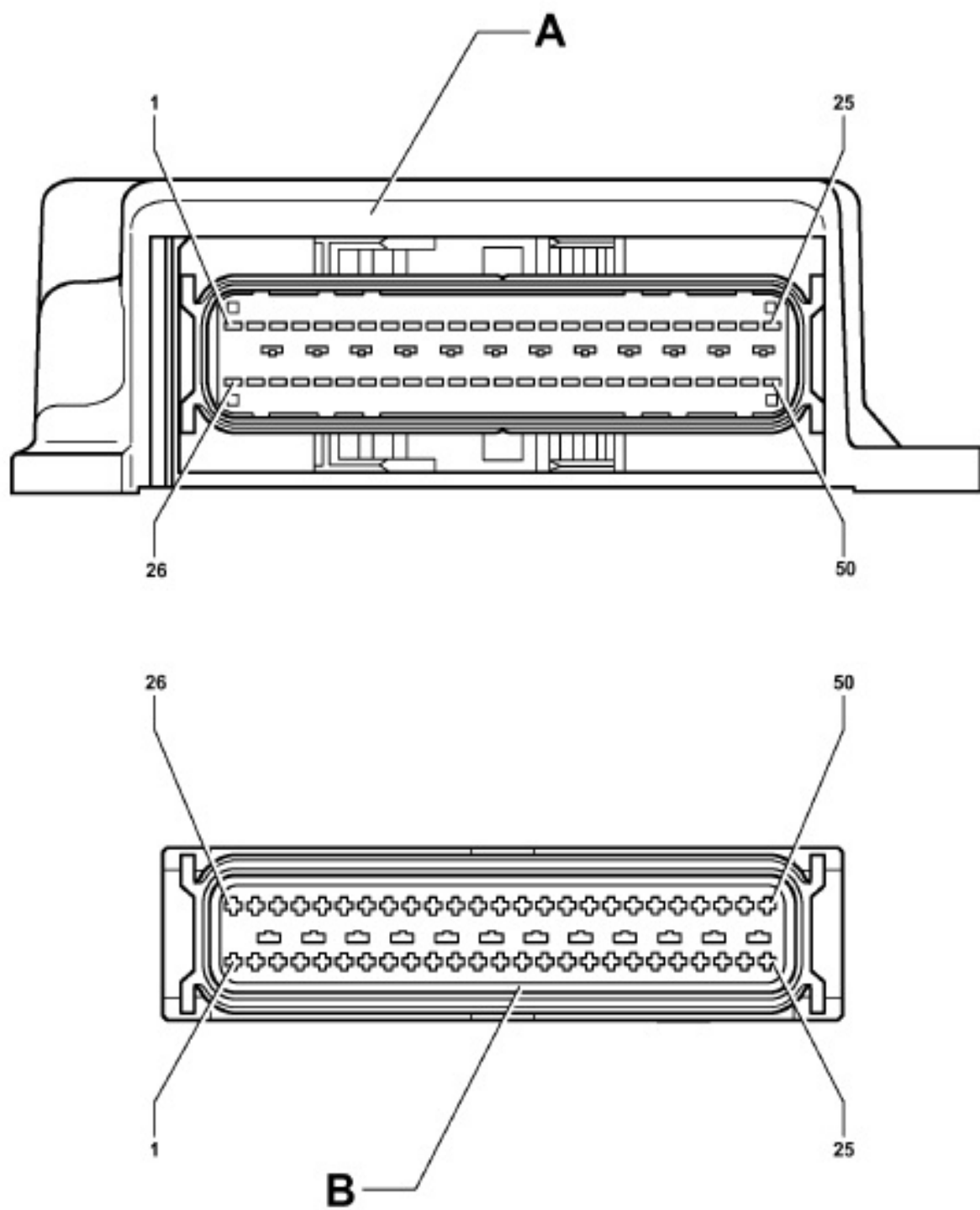
q Connector assignment

q Connections

Fitting location:
under centre
console at front -
arrow-



50-pin connector:



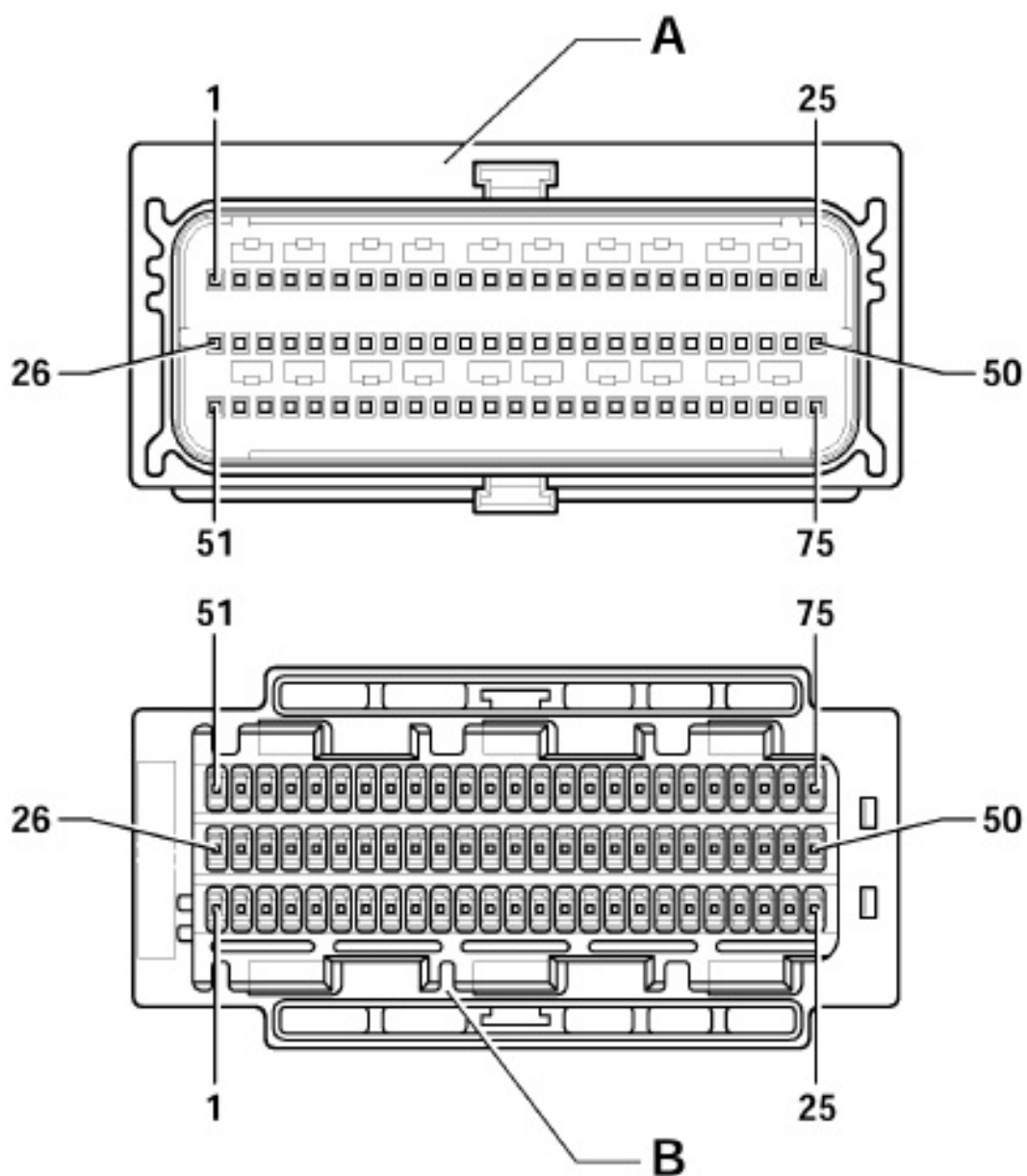
N97-0581

2

A - Airbag control unit -J234-

Pin connector:

75-pin connector:



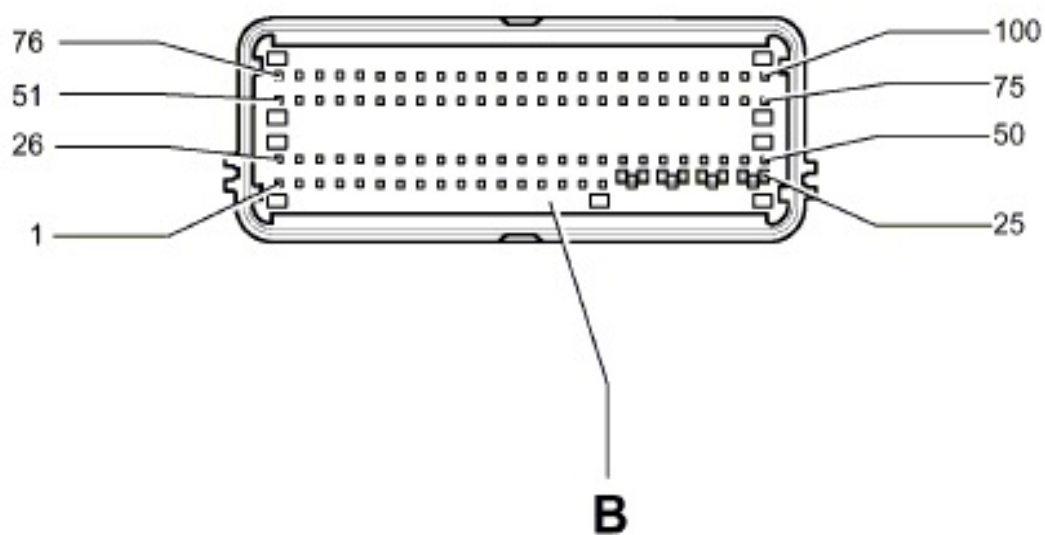
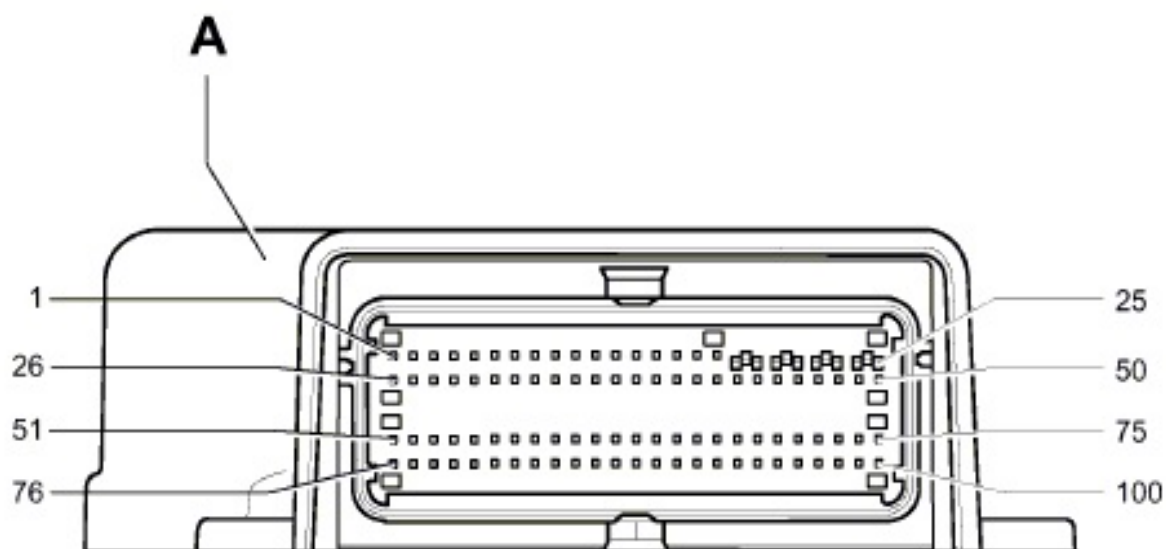
N97-10274

2

A - Airbag control unit -J234-

Pin connector:

100-pin connector:



N97-11218

2

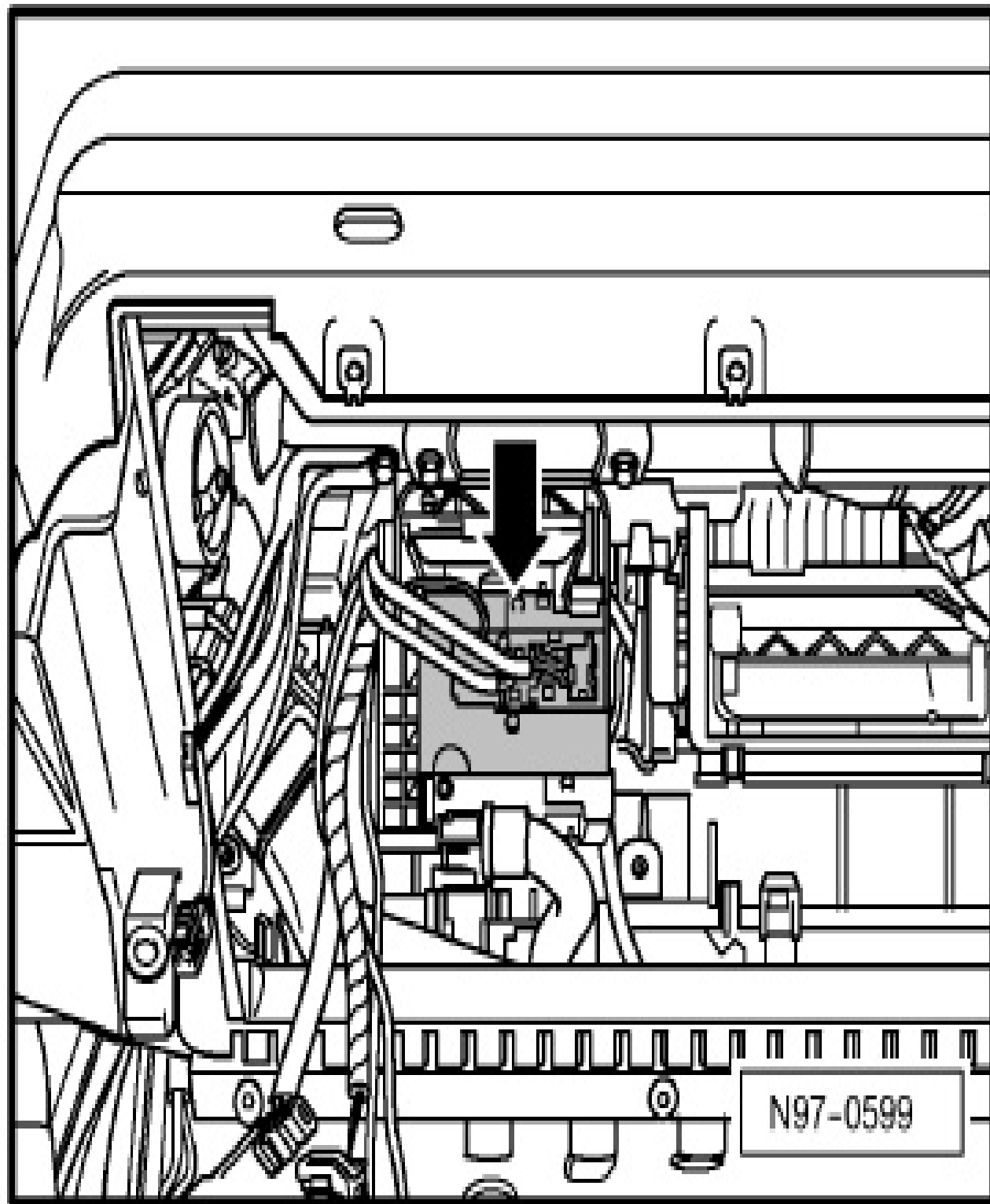
A - Airbag control unit -J234-

Pin connector:

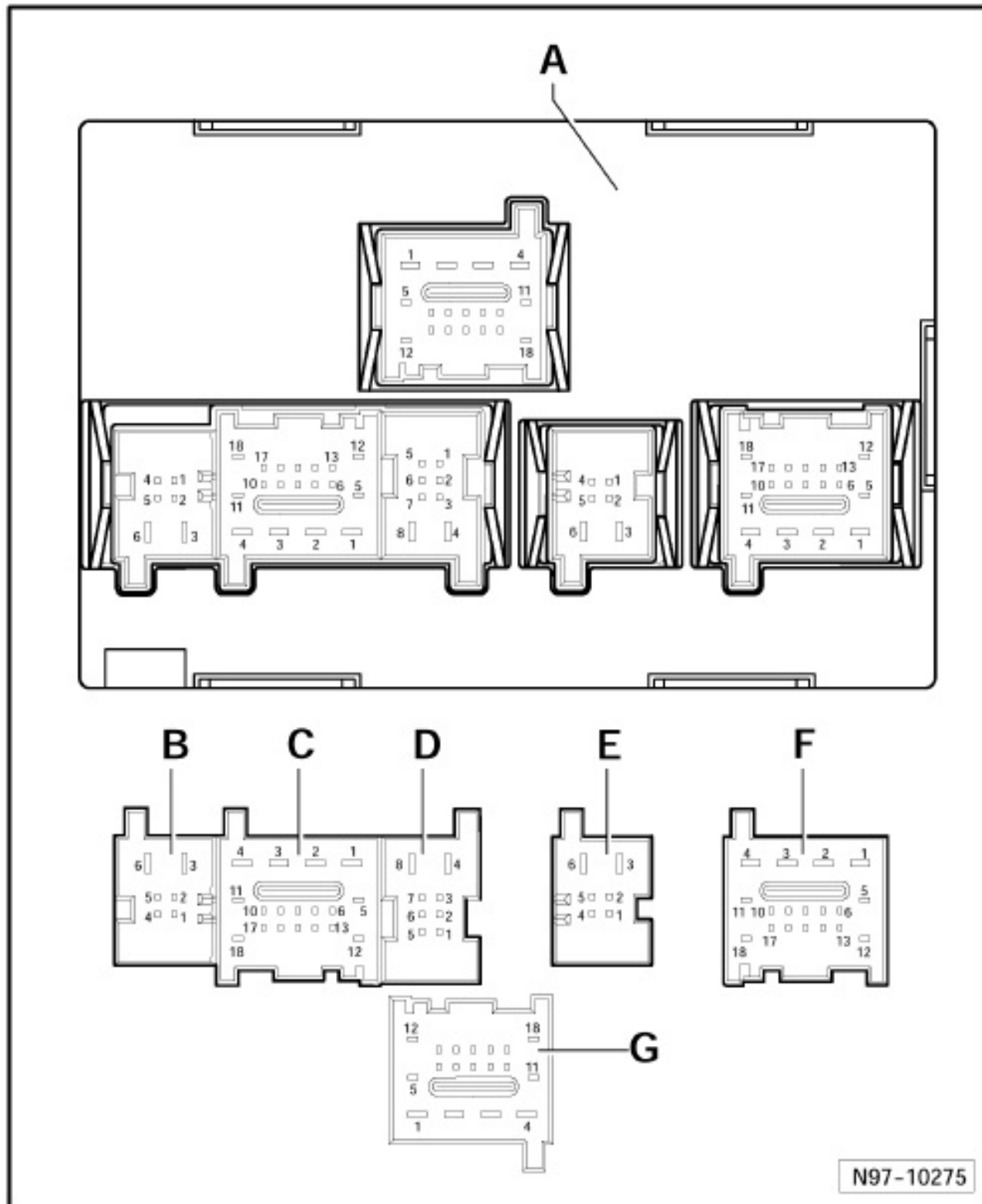
Convenience system central control unit -J393-

Fitting location:

under dash panel behind glove compartment -arrow-



Connector assignment:



A - Convenience system central control unit -J393-

Pin connector:

B - 6-pin connector -T6an-

C - 18-pin connector -T18a-

D - 8-pin connector -T8r-

E - 6-pin connector -T6ao-

F - 18-pin connector -T18b-

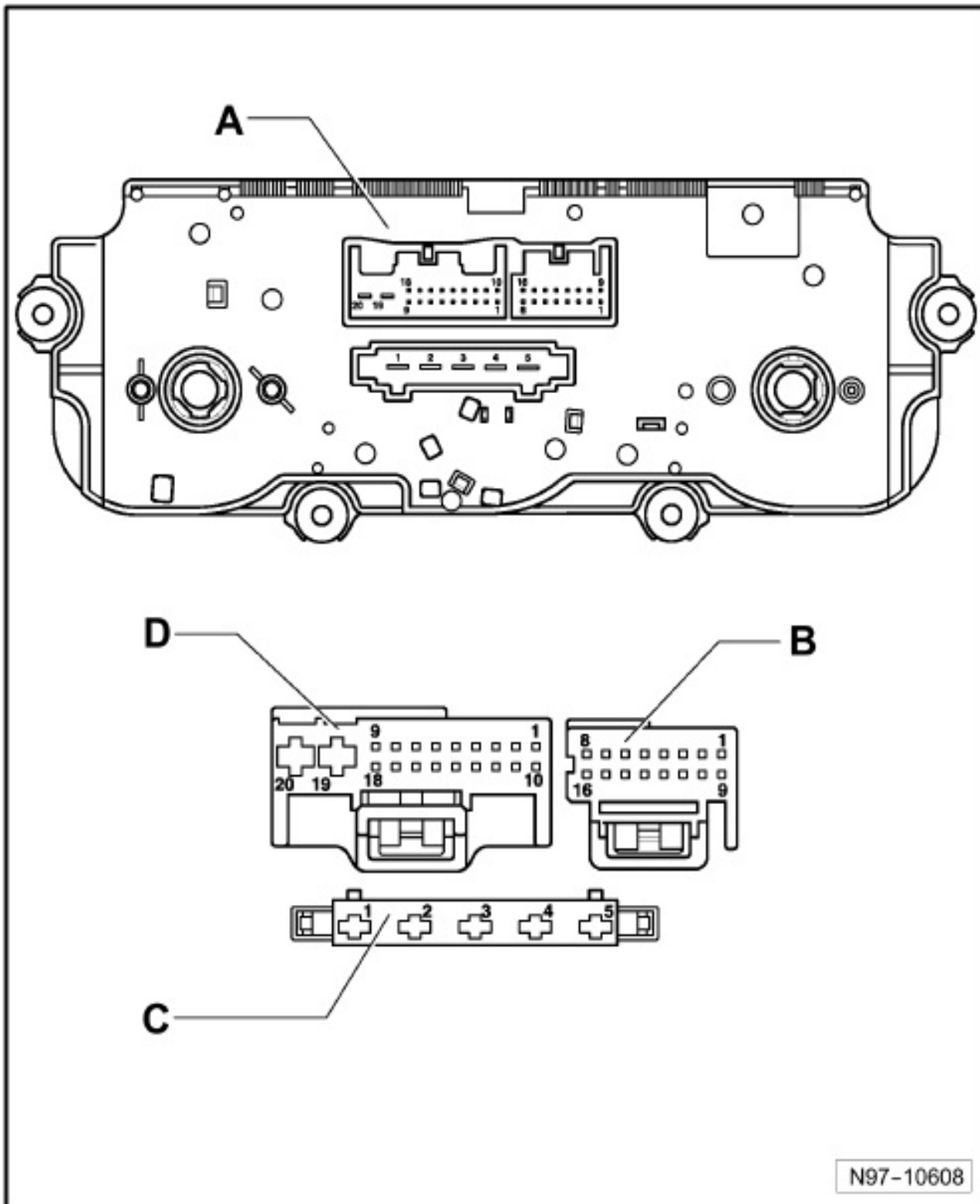
G - 18-pin connector -T18c-

Note

18-pin connector -T18c- Discontinued on models with no entry and start authorisation

Air conditioning system control unit -J301-

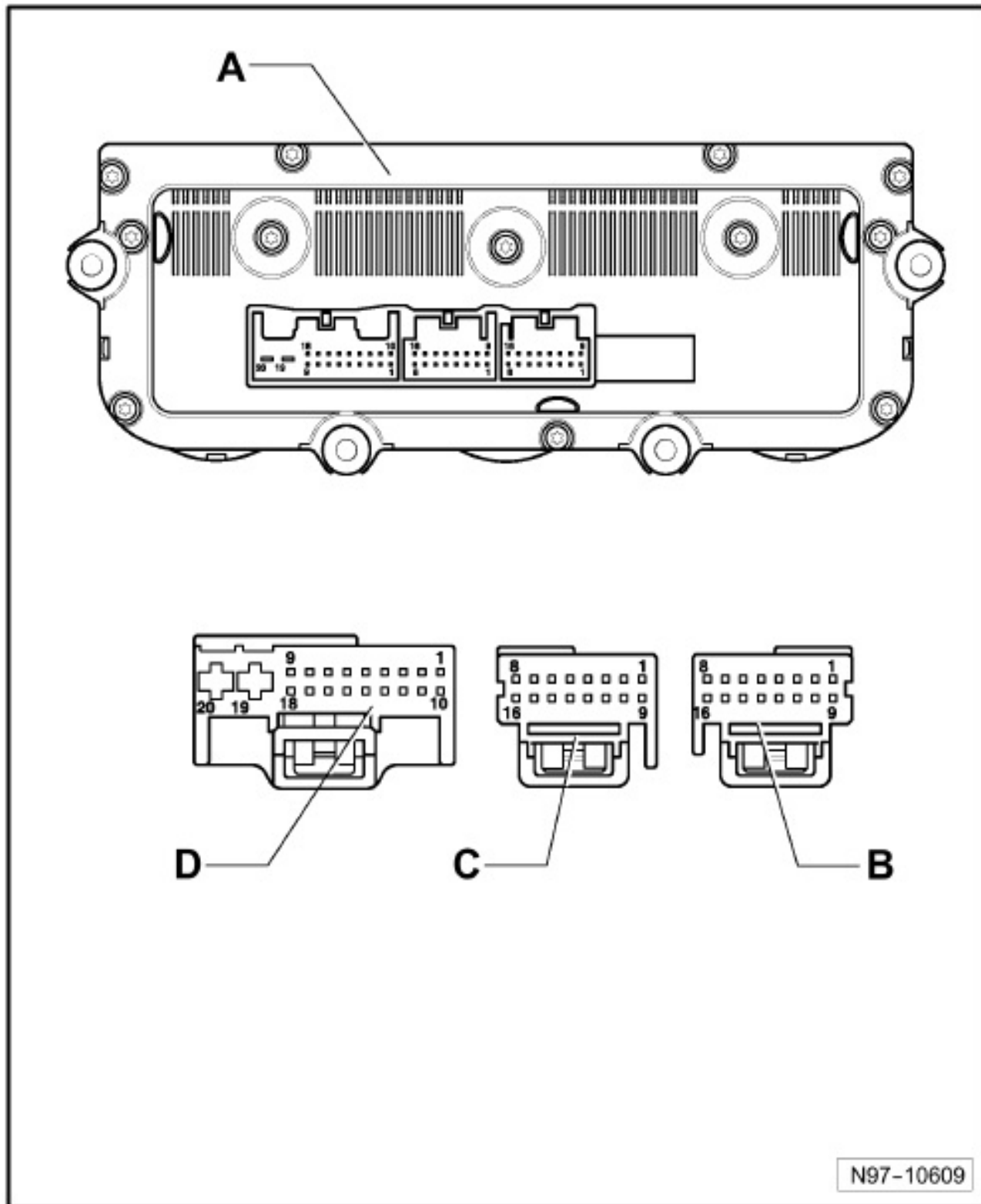
Connector assignment:



A - Air conditioning system control unit -J301-

VW PASSAT 2007 Climatronic control unit J255 Climatronic control unit -J255-

Connector assignment:

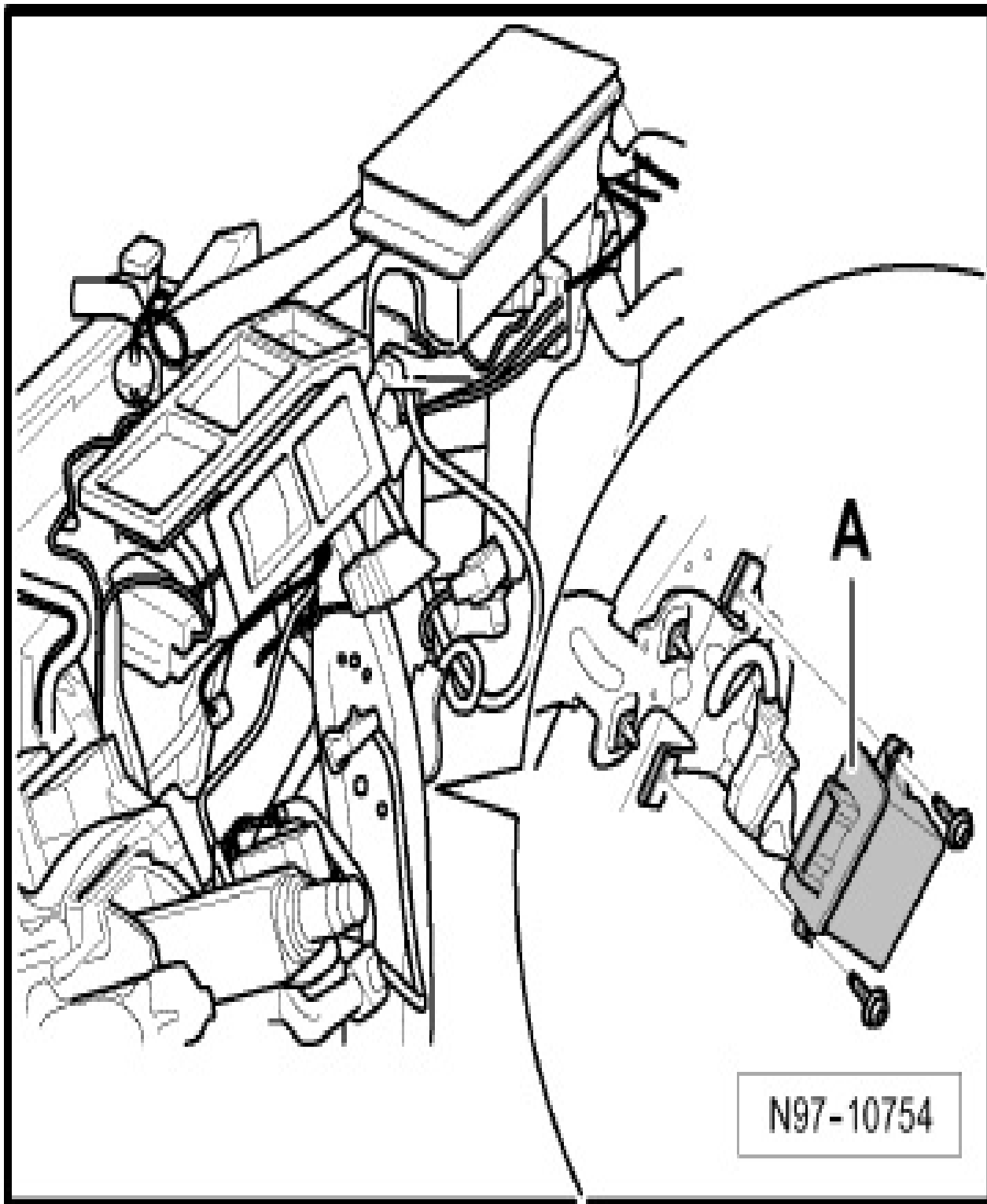


A - Climatronic control unit -J255-

VW PASSAT 2007 Cornering light and headlight range control unit J745

Fitting location:
behind glove compartment on left -arrow A-

Cornering light and headlight range control unit -J745-

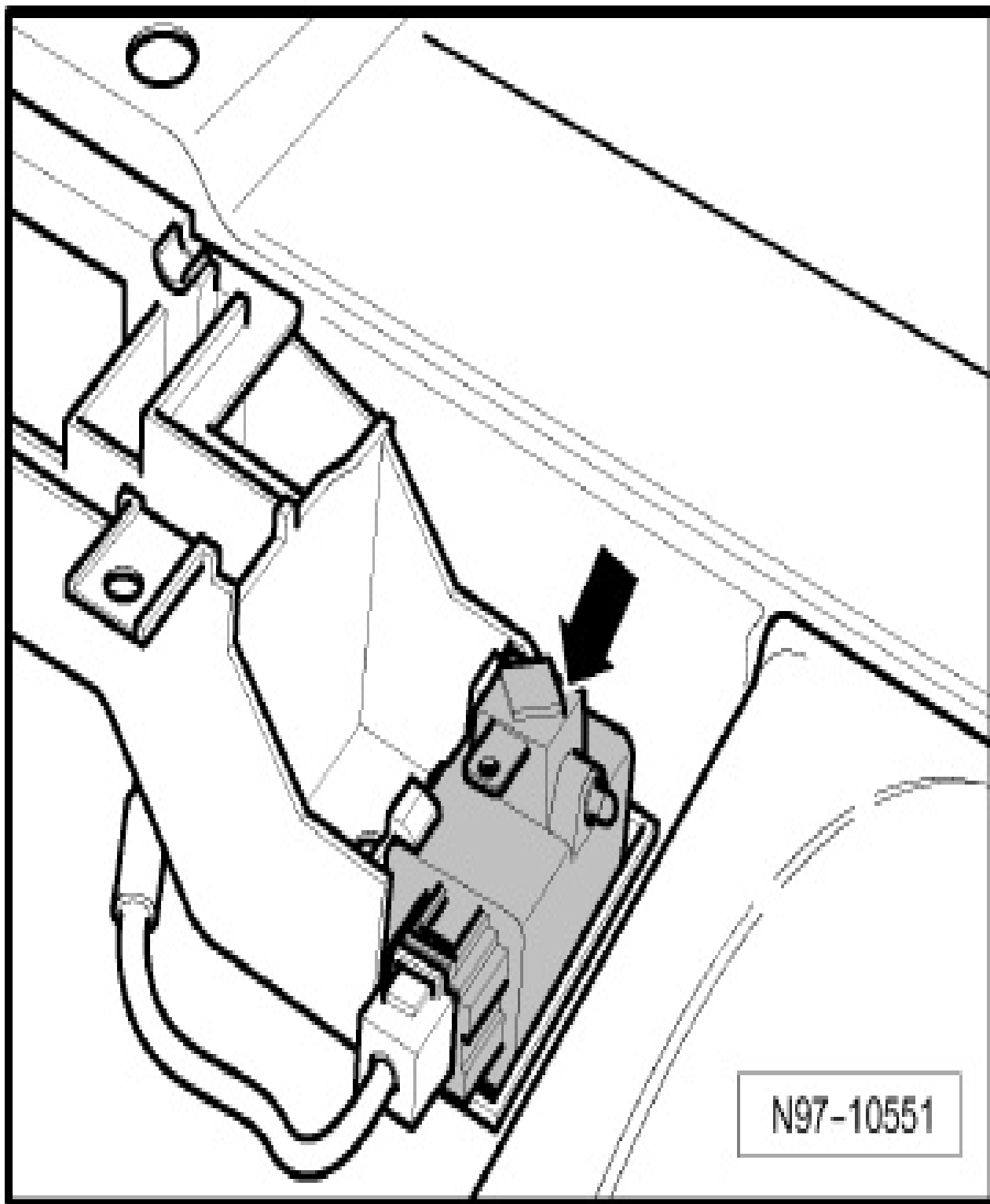


N97-10754

**VW
PASSAT
2007
Heated
rear seats
control
unit J786**

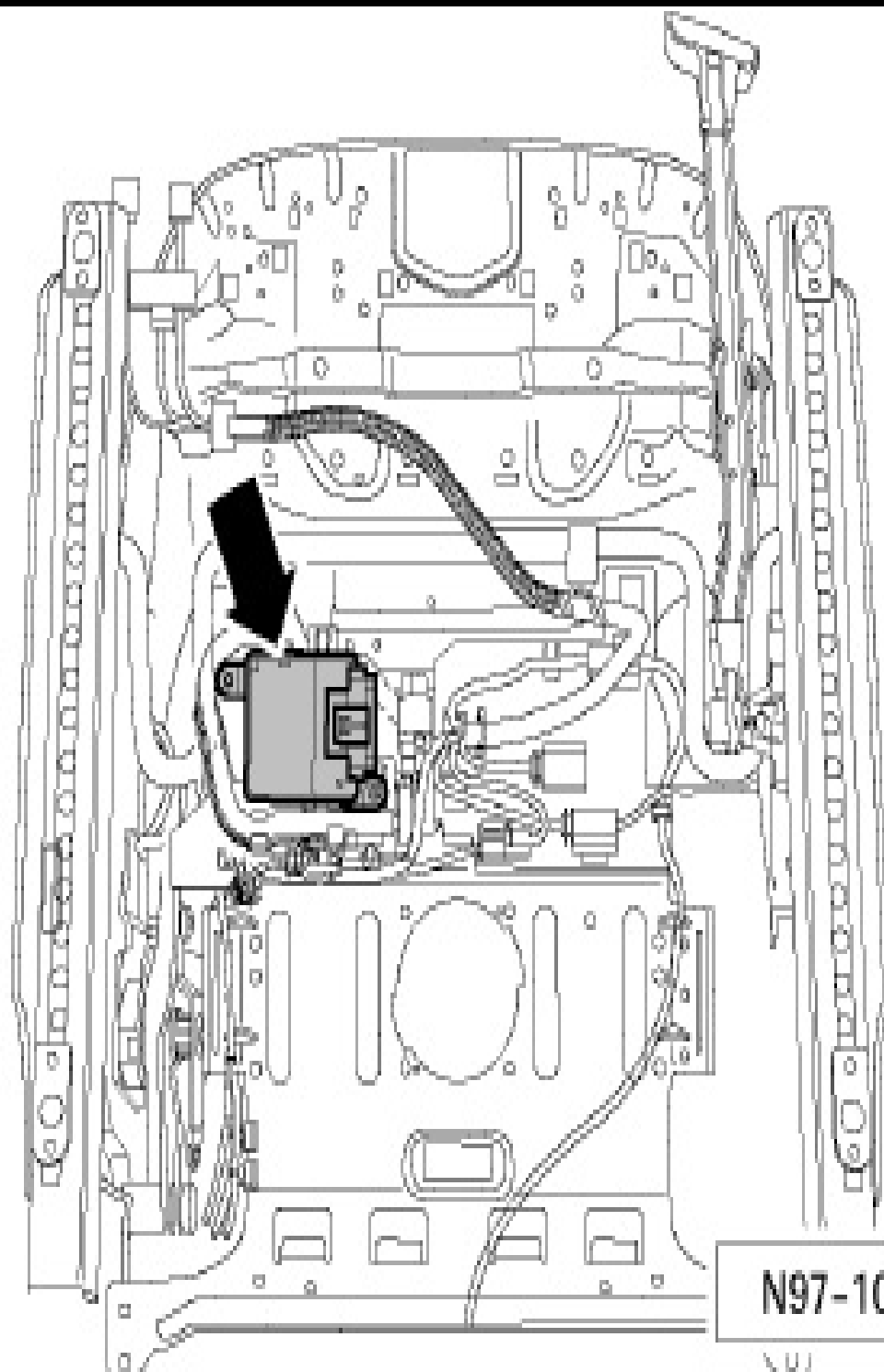
Heated rear
seats control unit
-J786-

Fitting location:
under seat on
front right -
arrow- .



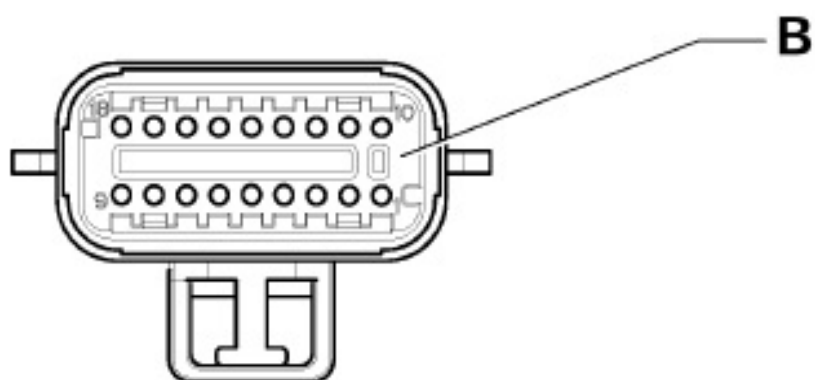
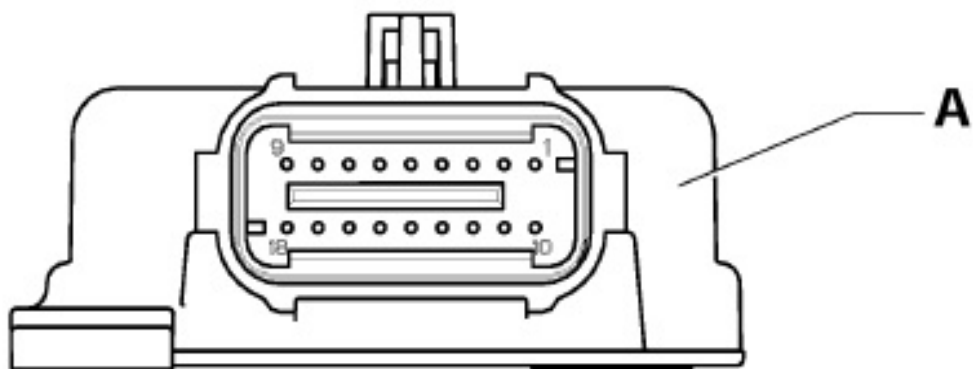
**VW
PASSAT
2007 Seat
occupied
recognition
control
unit J706**

Seat occupied
recognition
control unit -J706-
Fitting location:
on front
passenger seat
frame -arrow-



2

Connector assignment:



N97-10434

2

A - Seat occupied recognition control unit -J706-

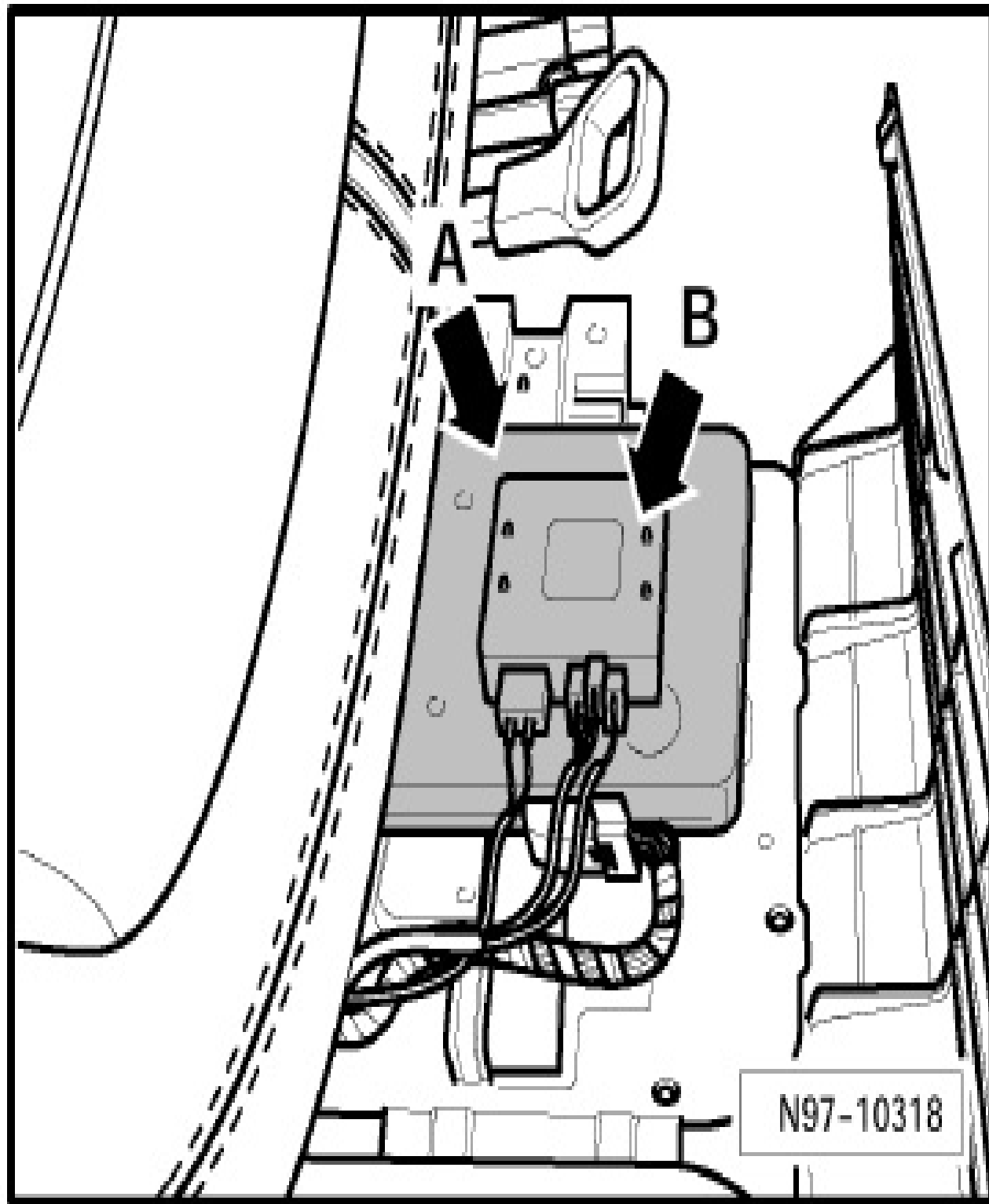
Aerial selection control unit -J515-

Fitting location:

under seat on front right -arrow B- .

Note

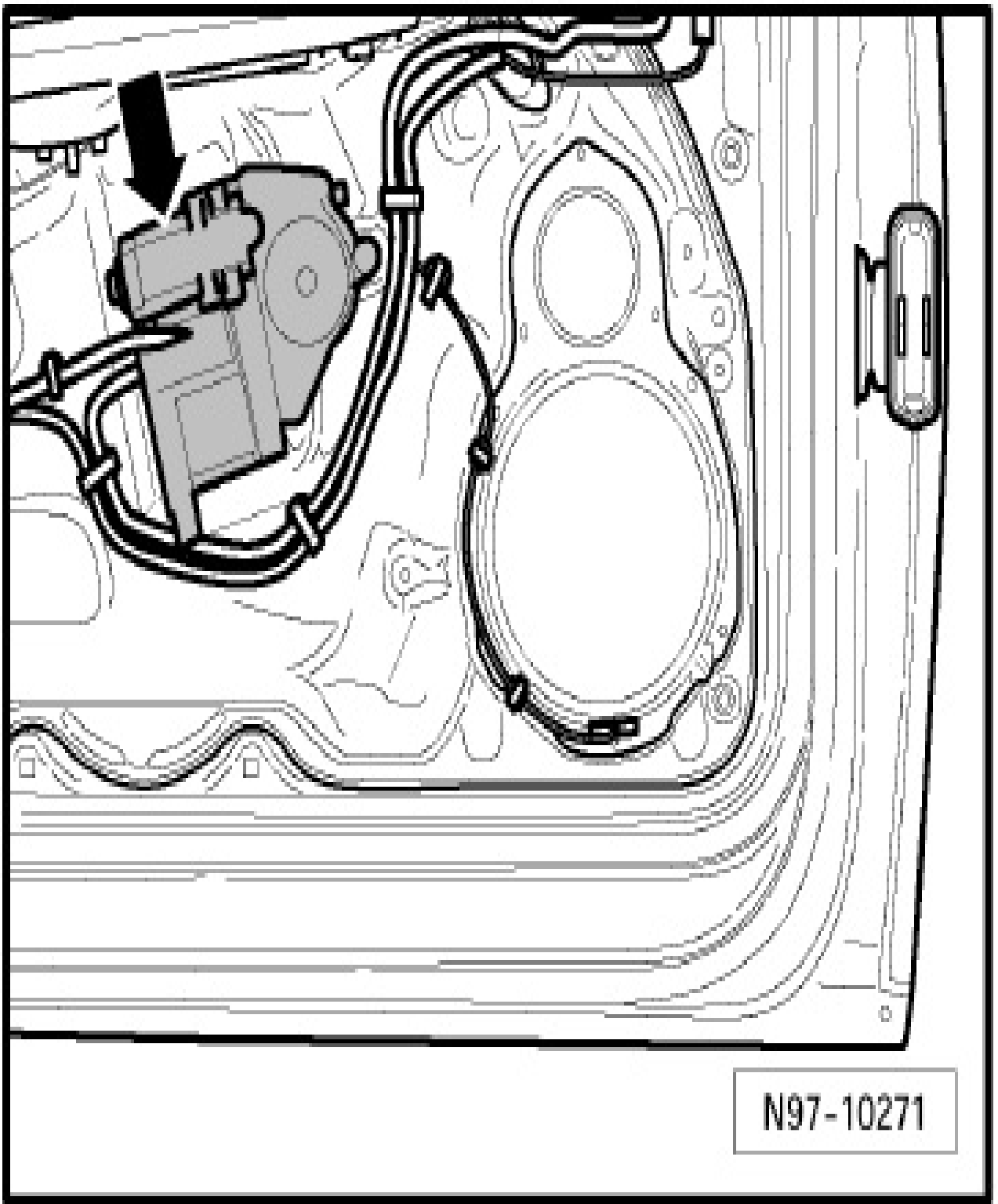
The aerial selection control unit -J515- is installed from May 2006 for Japanese markets only. Discontinued for all other countries.



**PASSAT
2007
Front
passenger
door
control
unit J387**

Front passenger
door control unit
-J387-

Fitting location:
on inside of front
passenger door -
arrow-



**VW
PASSAT
2007
Driver
door
control
unit J386**

Driver door
control unit -
J386-

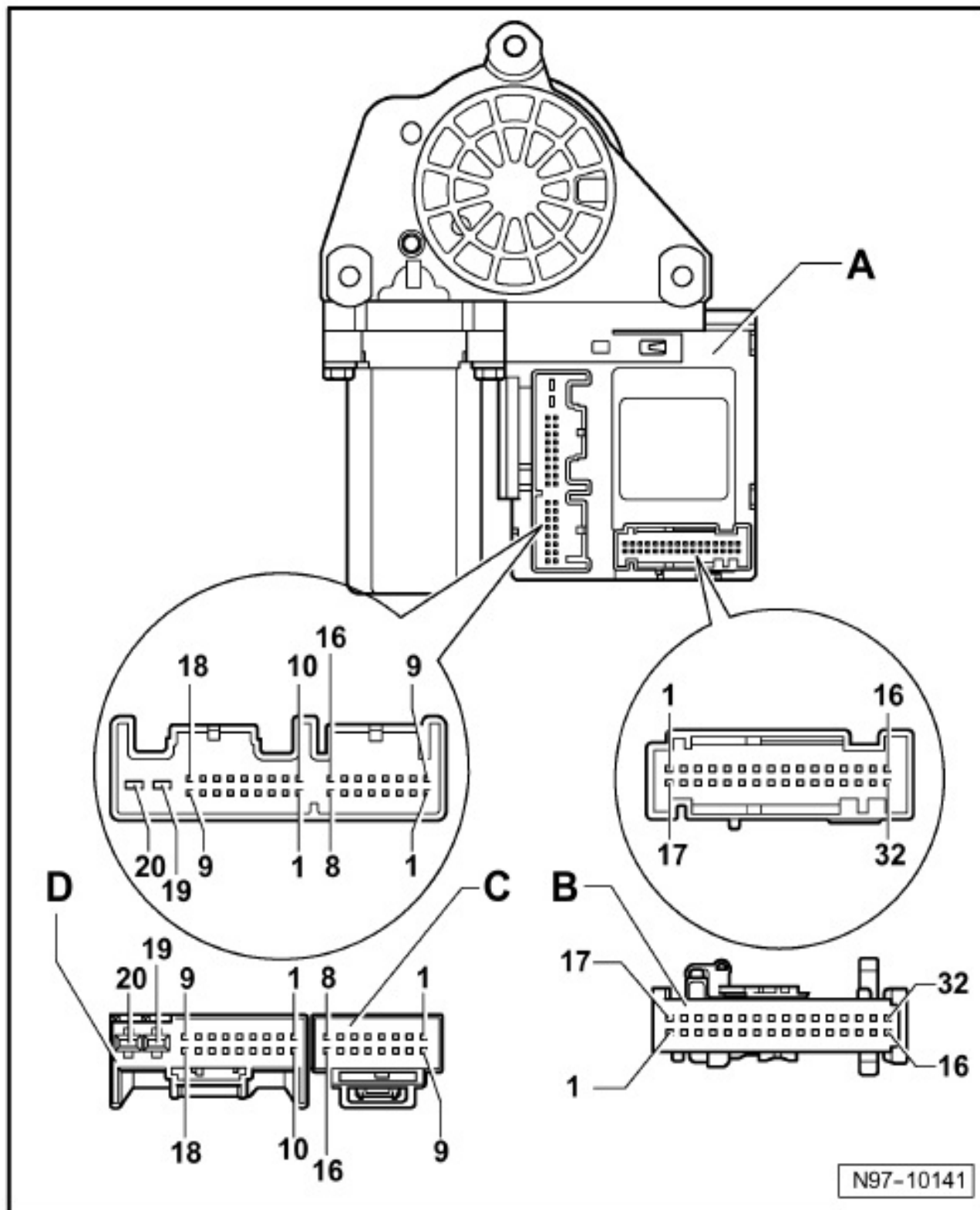
Fitting location:
on inside of
driver's door -
arrow-

Note:
The illustration
shows the driver
side. The front
passenger side is
similar.



Connector assignment:

N97-10271



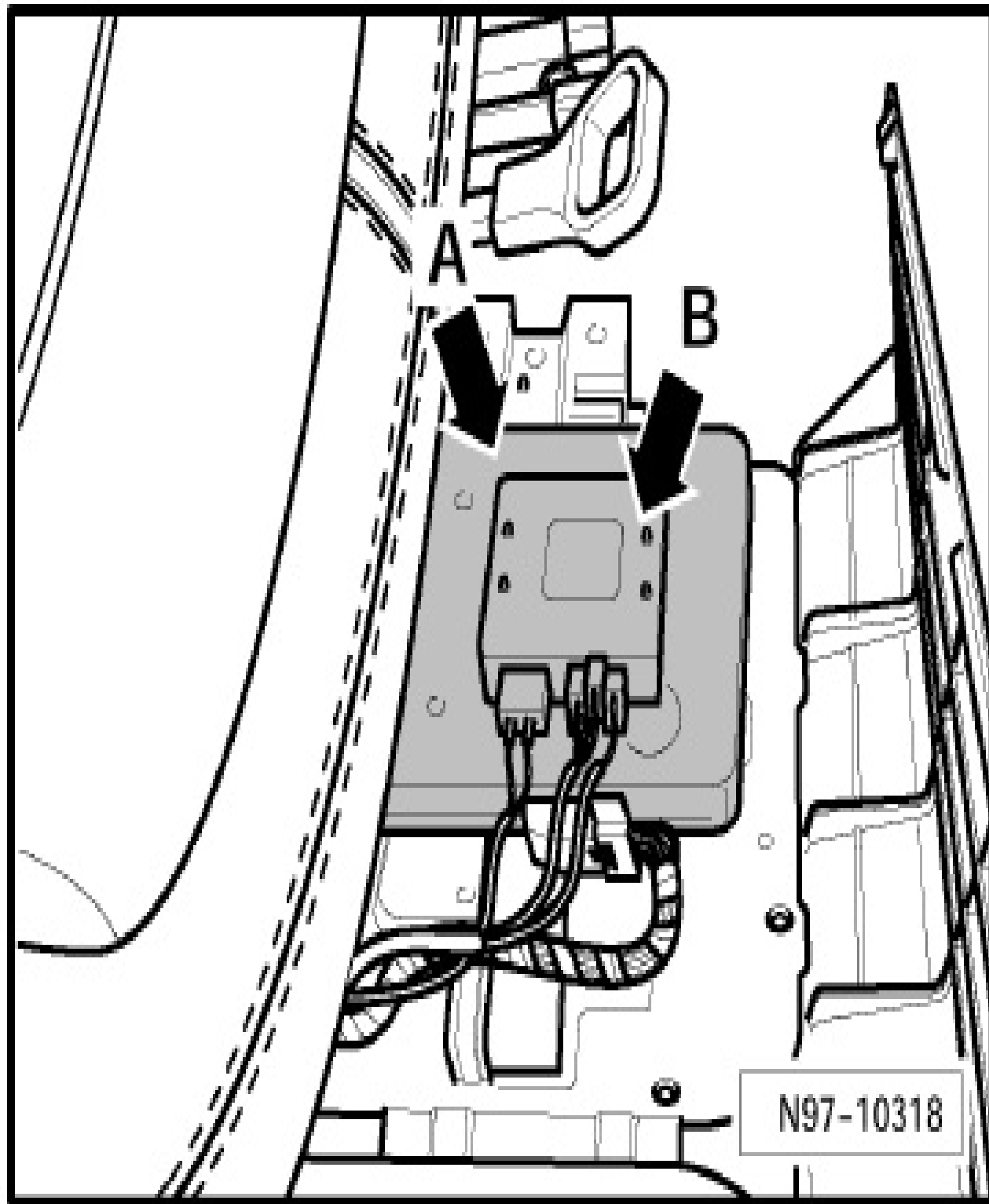
2

A - Front passenger door control unit -J387- , Driver door control unit -J386-

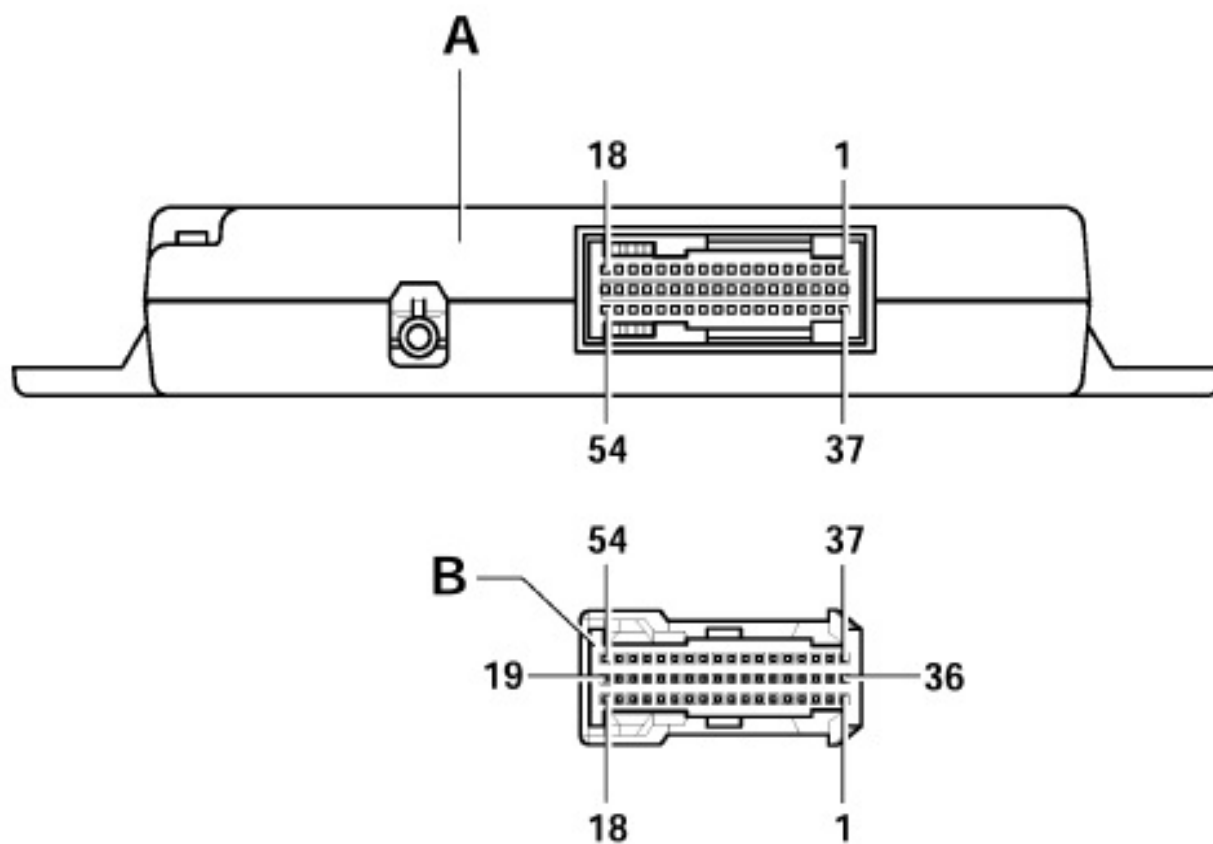
VW PASSAT 2007 Mobile telephone operating electronics control unit -J412- / Telephone controls control unit -J738-

Fitting location:

under seat on front right -arrow A- .



Connector assignment:



N97-10269

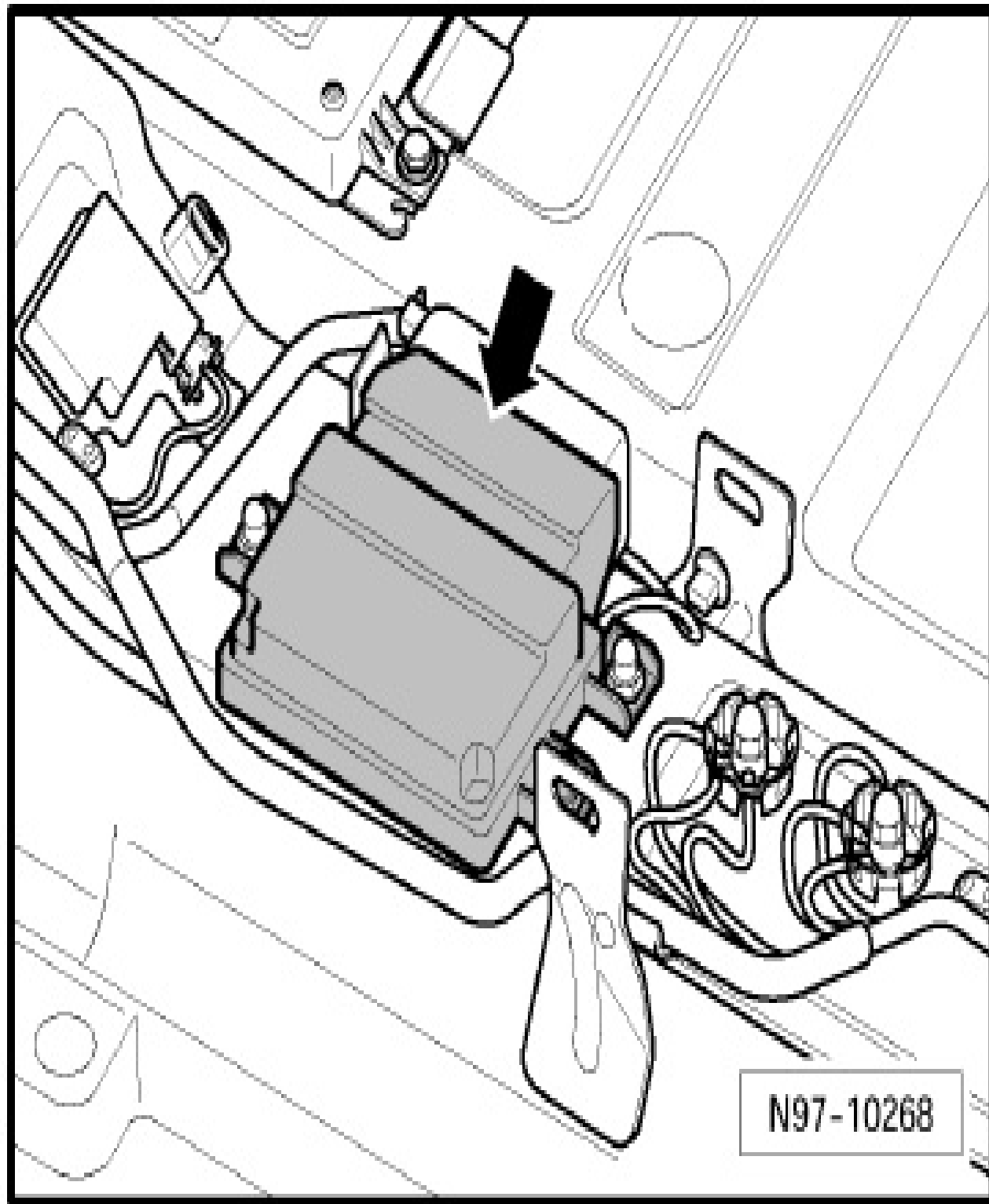
2

A - Mobile telephone operating electronics control unit -J412-

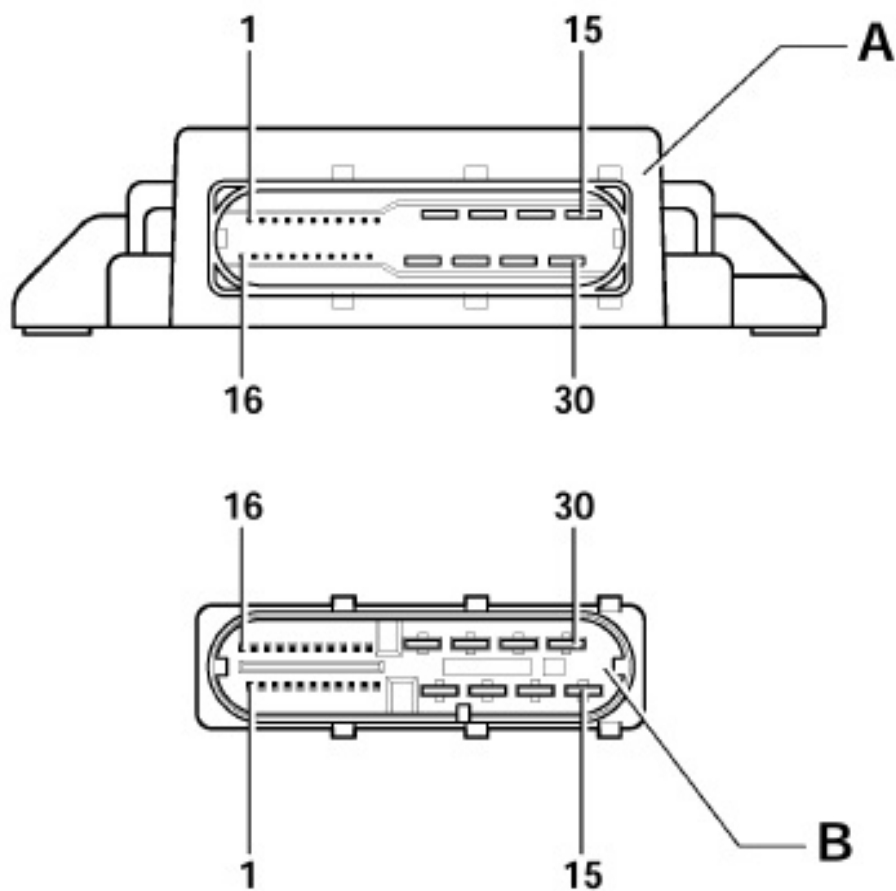
Control unit for electromechanical parking brake -J540-

Fitting location:

on rear of centre tunnel -arrow-



Connector assignment:



N97-10270

2

A - Control unit for electromechanical parking brake -J540-

Rear right door control unit -J389-

Fitting location:

on inside of rear door on front passenger side -arrow-

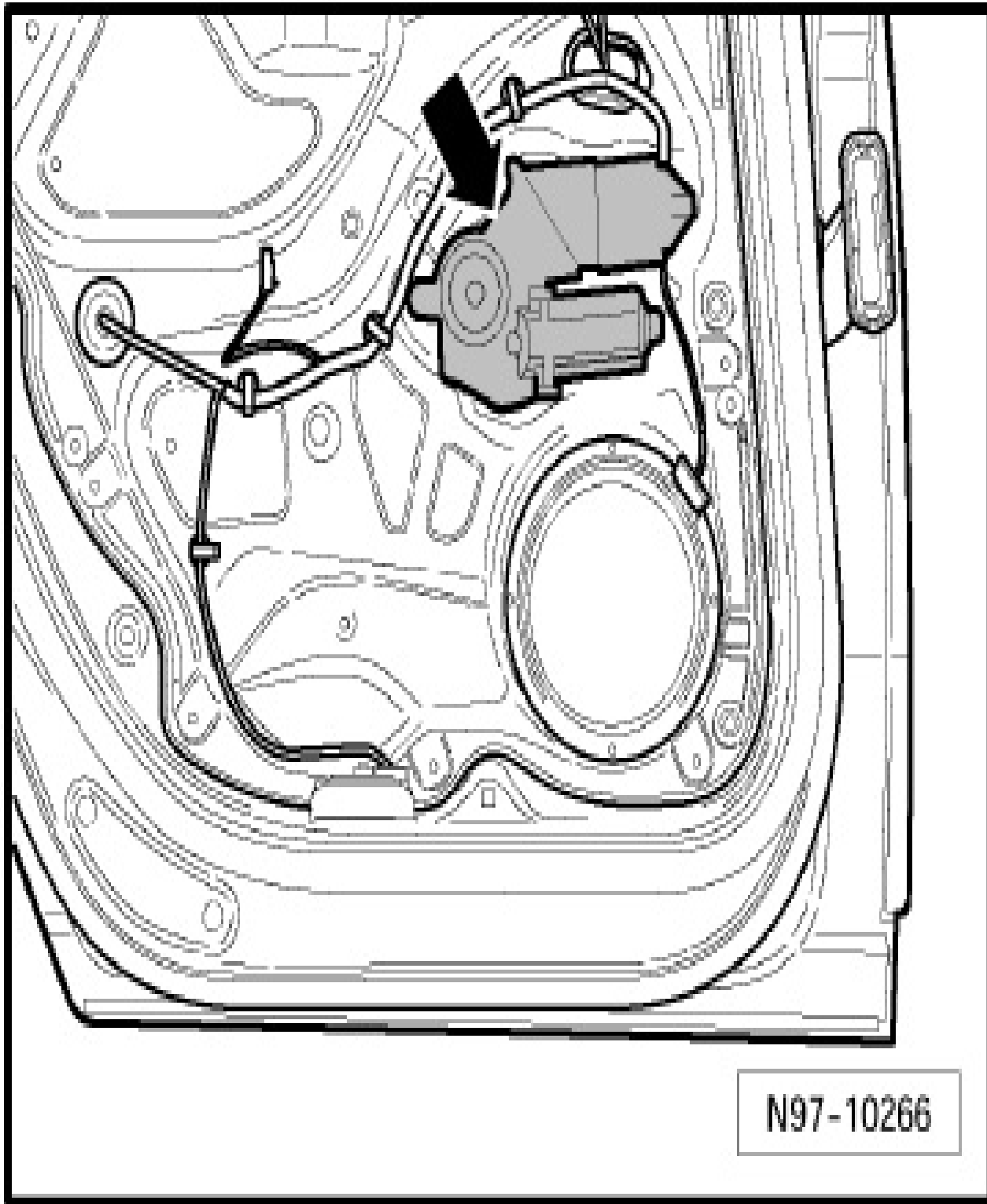
Rear left door control unit -J388-

Fitting location:

on inside of rear door on driver's side -arrow-

Note:

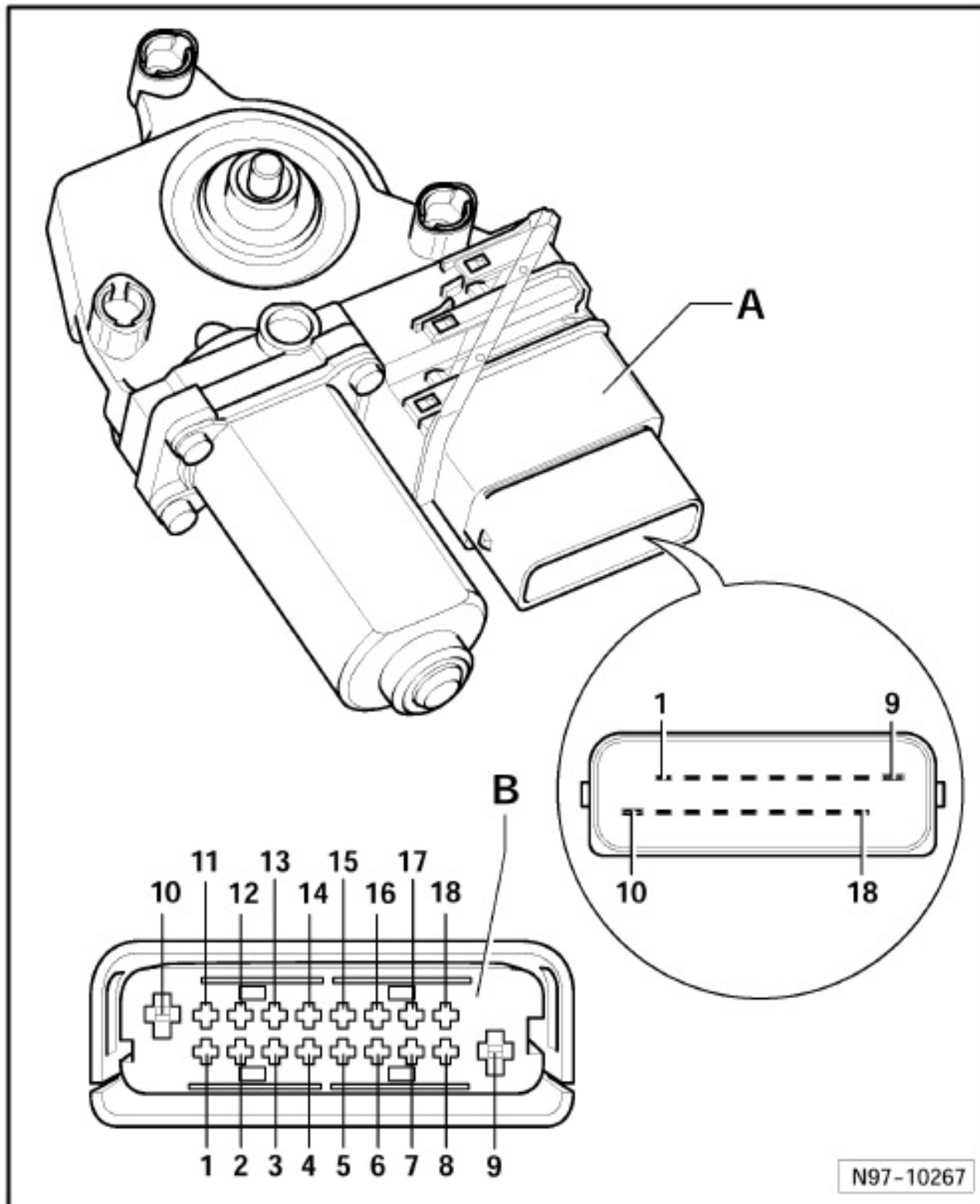
The illustration shows the driver side. The front passenger side is similar.



N97-10266

2

Connector assignment:



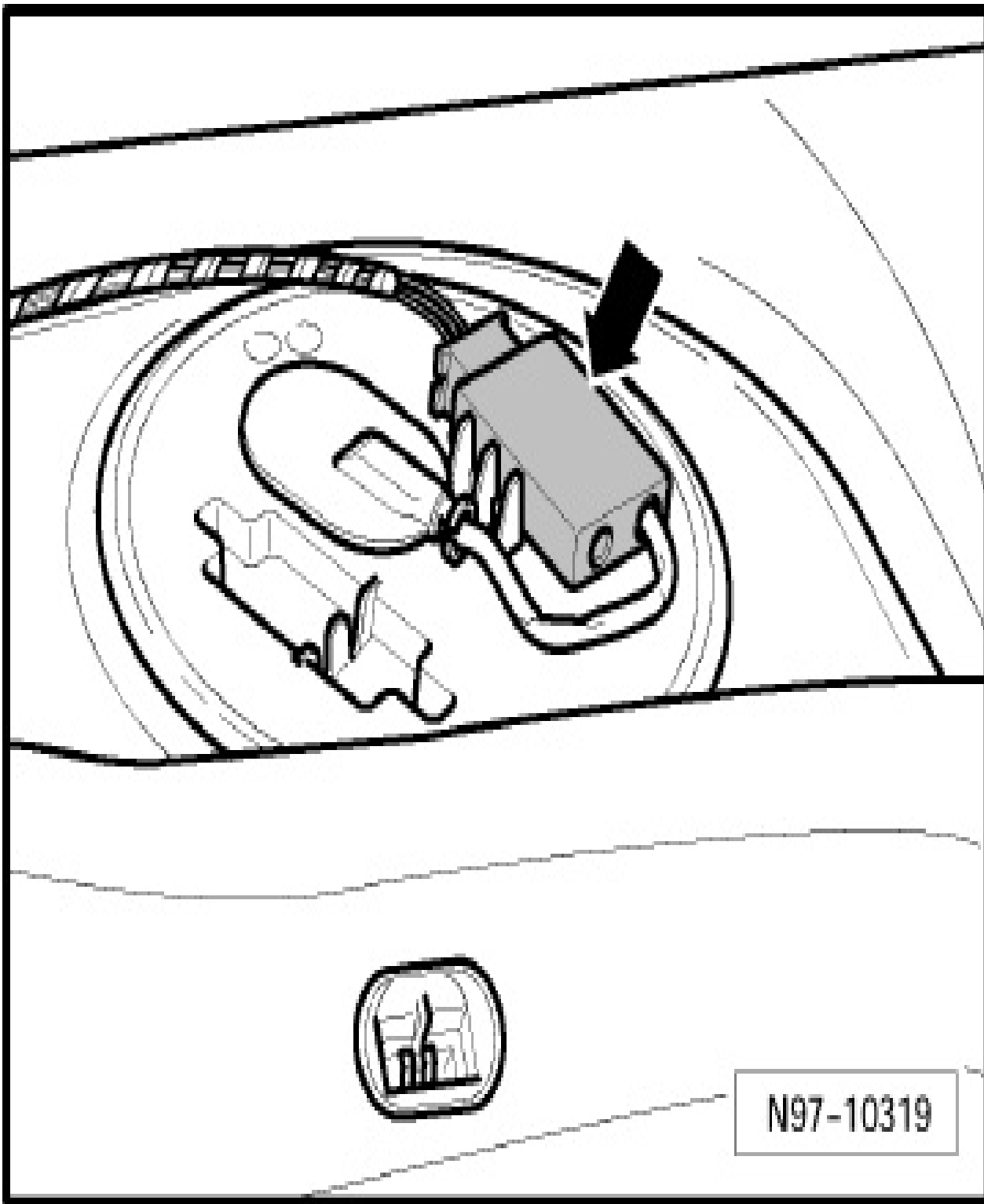
2

A - Rear right door control unit -J389- , Rear left door control unit -J388-

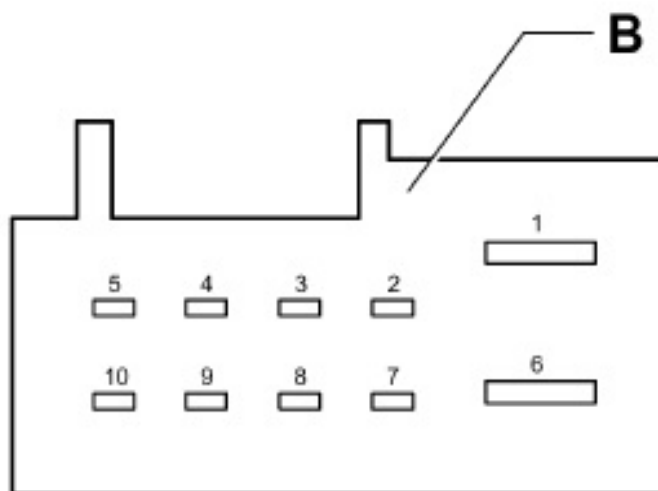
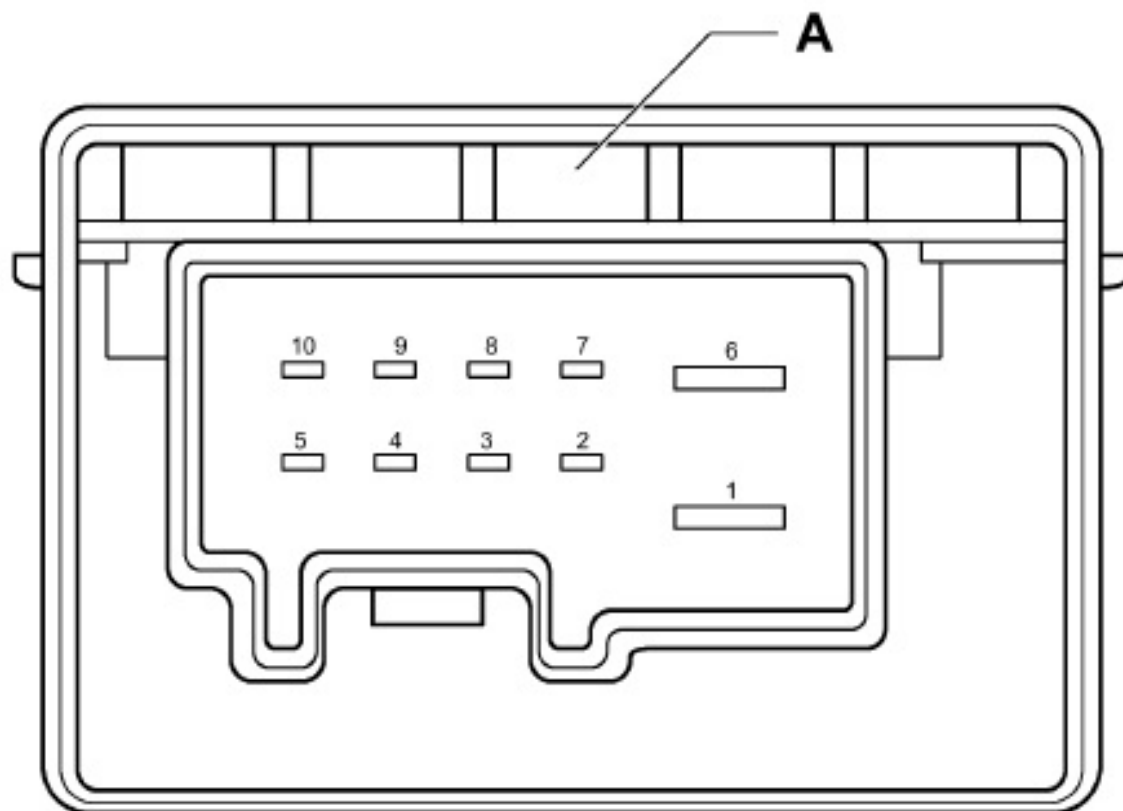
Fuel pump control unit -J538-

Fitting location:

under rear right seat, on fuel delivery unit -arrow-



Connector assignment:



N97-0543

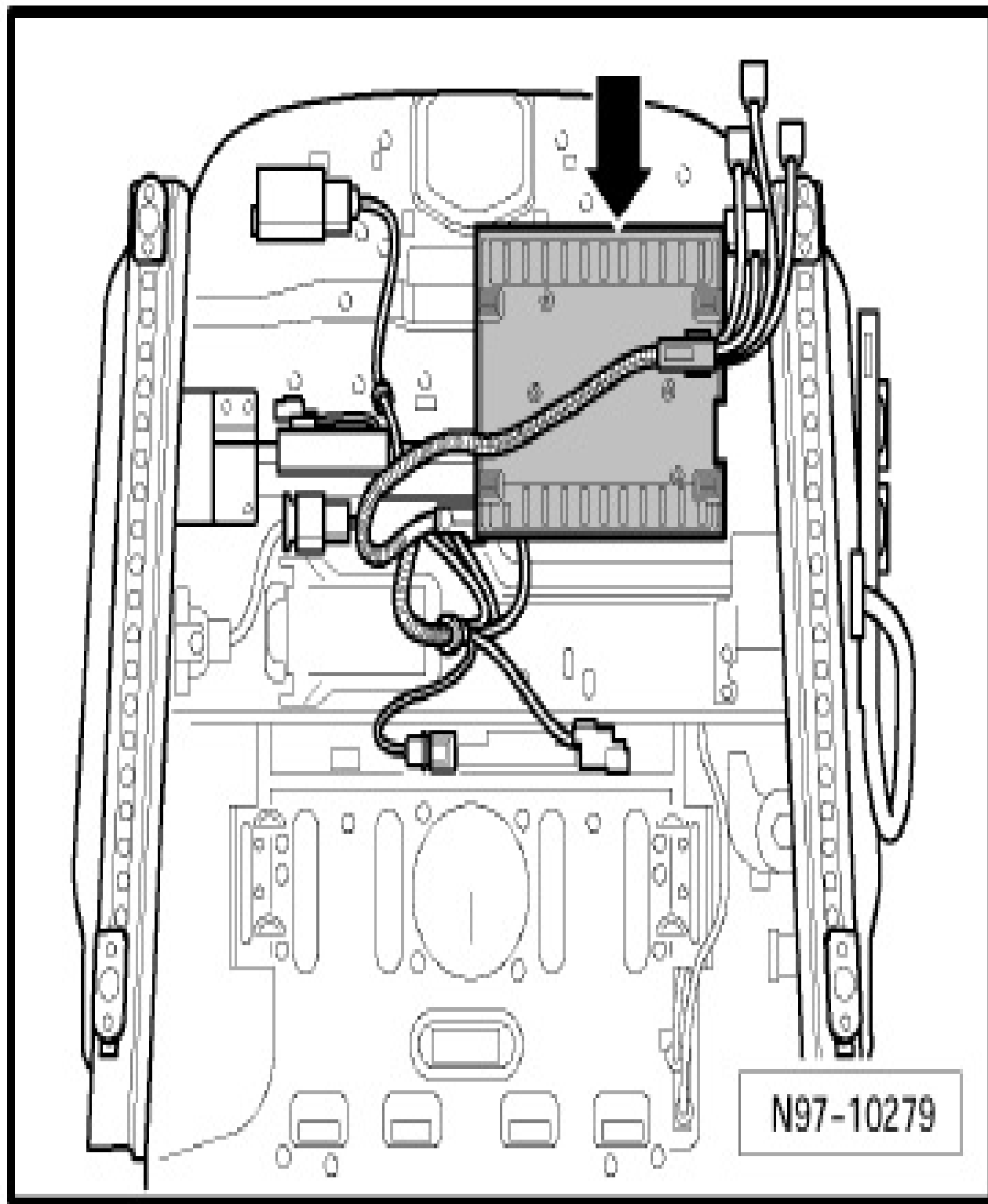
2

A - Fuel pump control unit -J538-

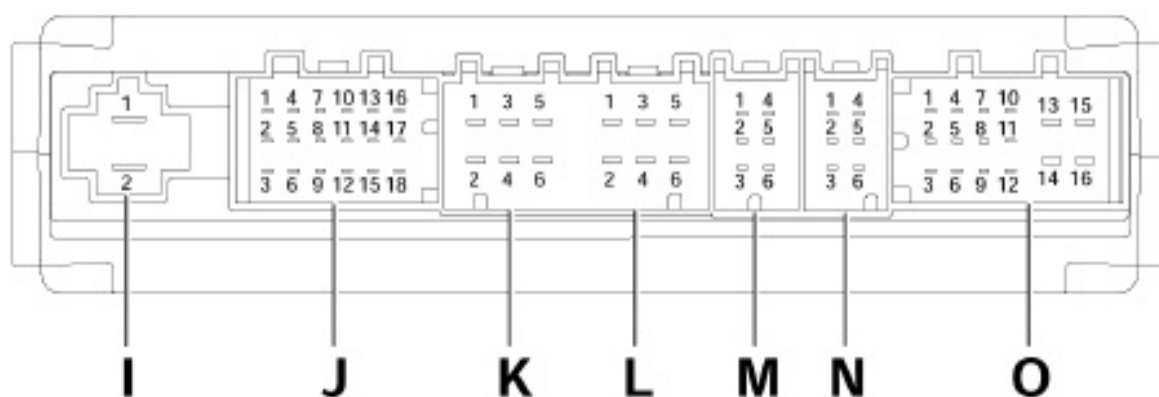
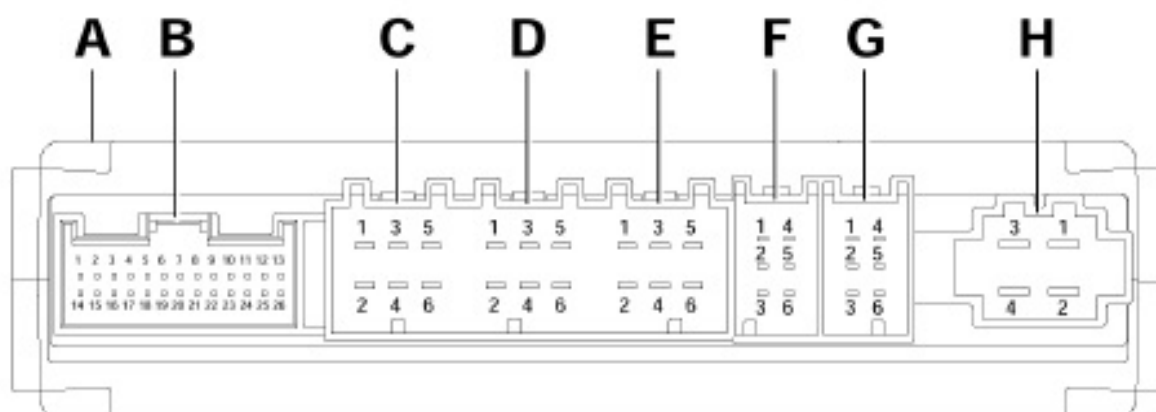
Seat and steering column adjustment control unit with memory -J136-

Fitting location:

under driver's seat -arrow- .



Connector assignment:



N97-10432

2

A - Seat and steering column adjustment control unit with memory -J136-

Pin connector:

B - 26-pin connector -T26b-

C - 6-pin connector -T6bj-

D - 6-pin connector -T6bq-

E - 6-pin connector -T6bi-

F - 6-pin connector -T6bh-

G - 6-pin connector -T6bp-

H - 4-pin connector -T4br-

I - 2-pin connector -T2- , Not assigned

J - 2-pin connector -T2- , Not assigned

K - 6-pin connector -T6- , Not assigned

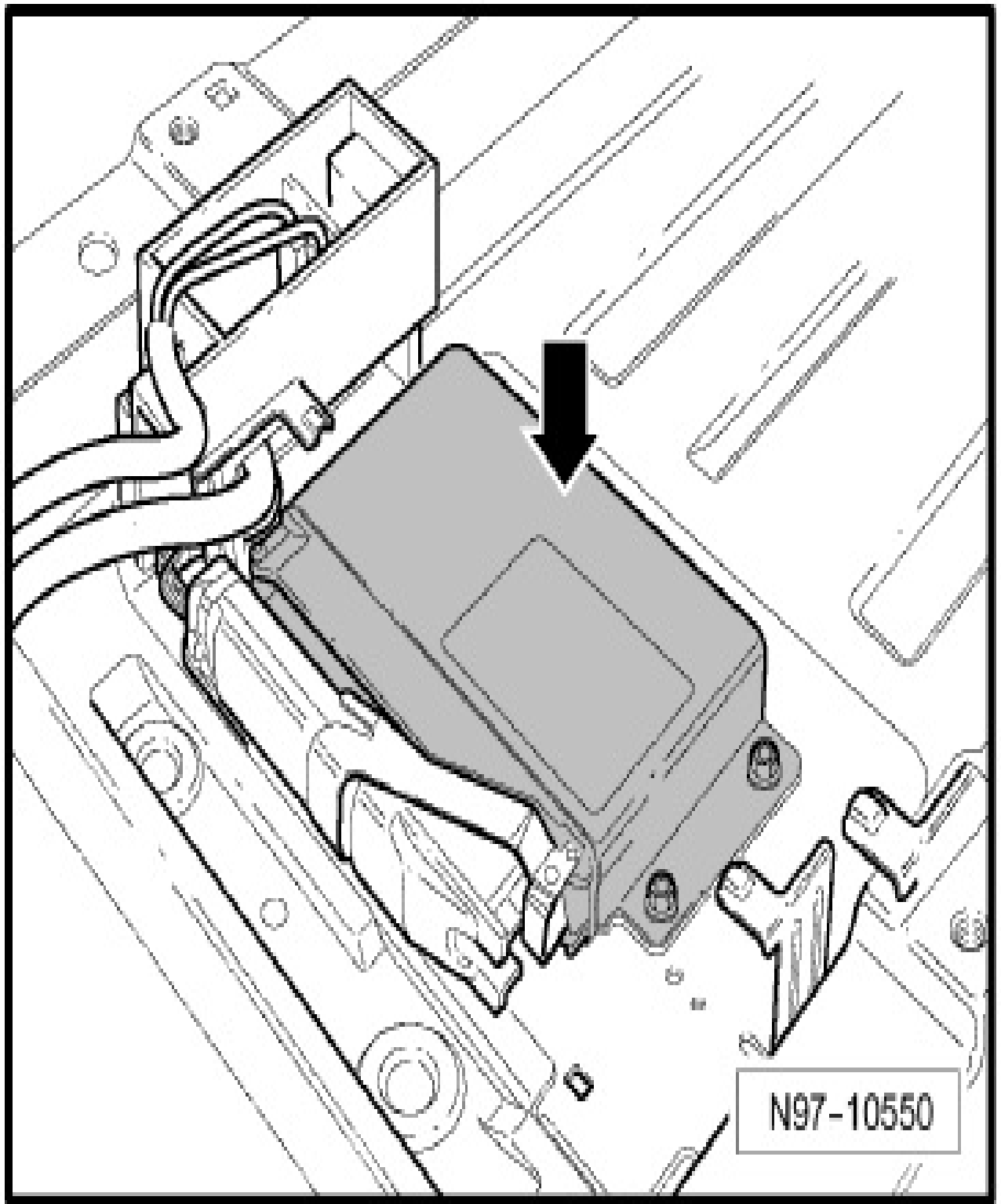
L - 6-pin connector -T6- , Not assigned

M - 6-pin connector -T6- , Not assigned

N - 6-pin connector -T6- , Not assigned
O - 16-pin connector -T16- , Not assigned

**VW
PASSAT
2007
Special
vehicle
control
unit J608**

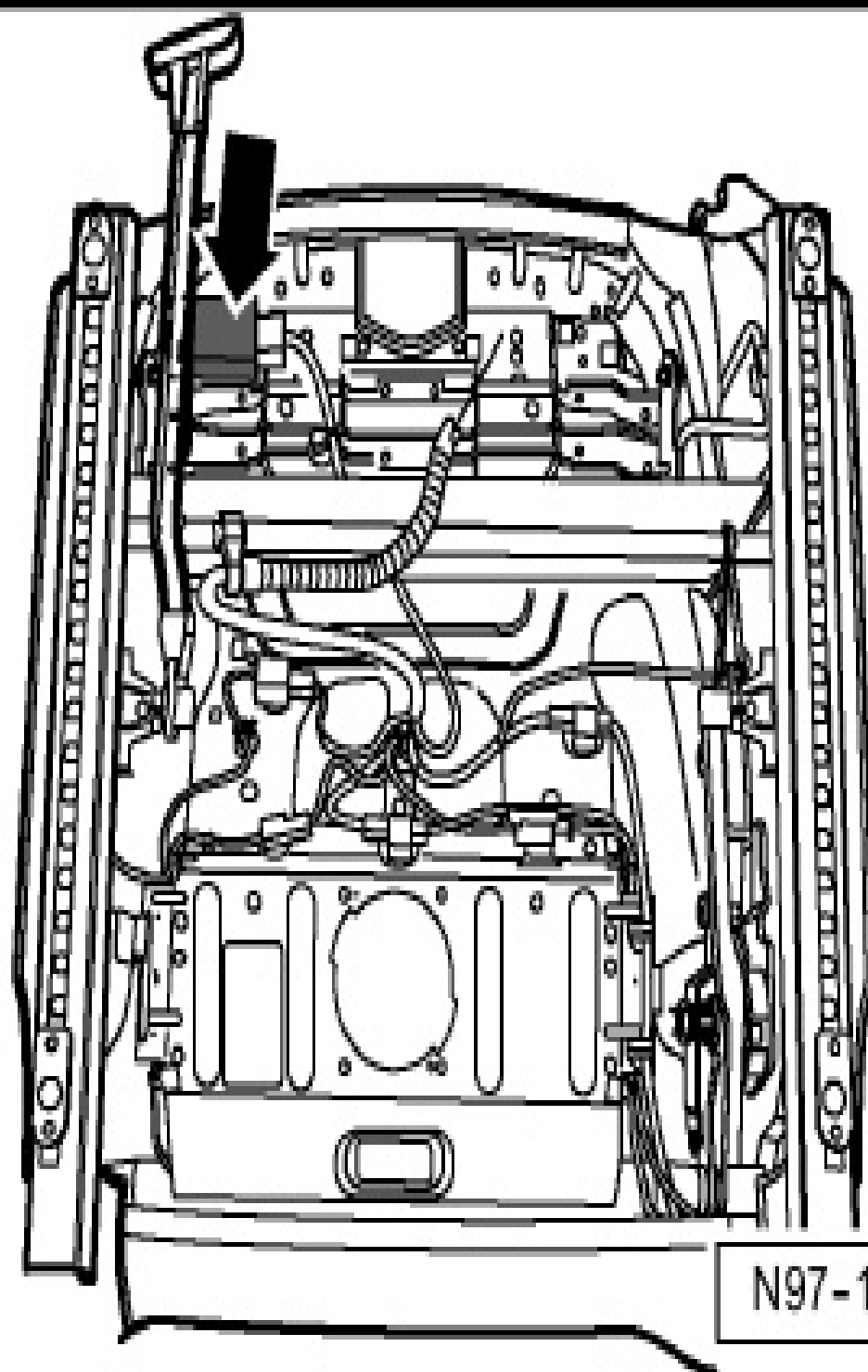
Special vehicle
control unit -
J608-
Fitting location:
under driver's
seat -arrow- .



**VW
PASSAT
2007
Heated
front seats
control
unit J774**

Heated front
seats control unit
-J774-

Fitting location:
on driver's seat
frame -arrow-

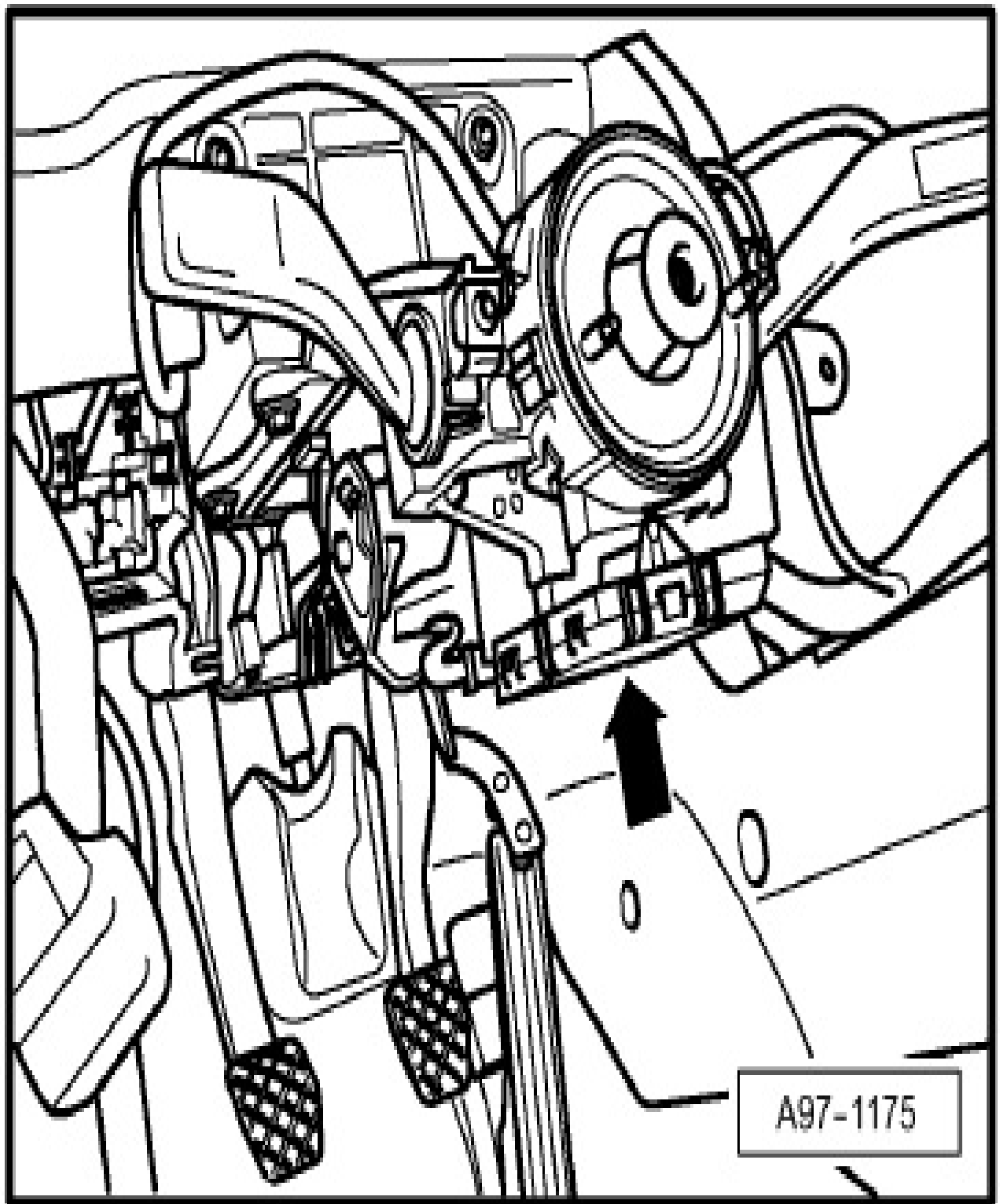


N97-10136

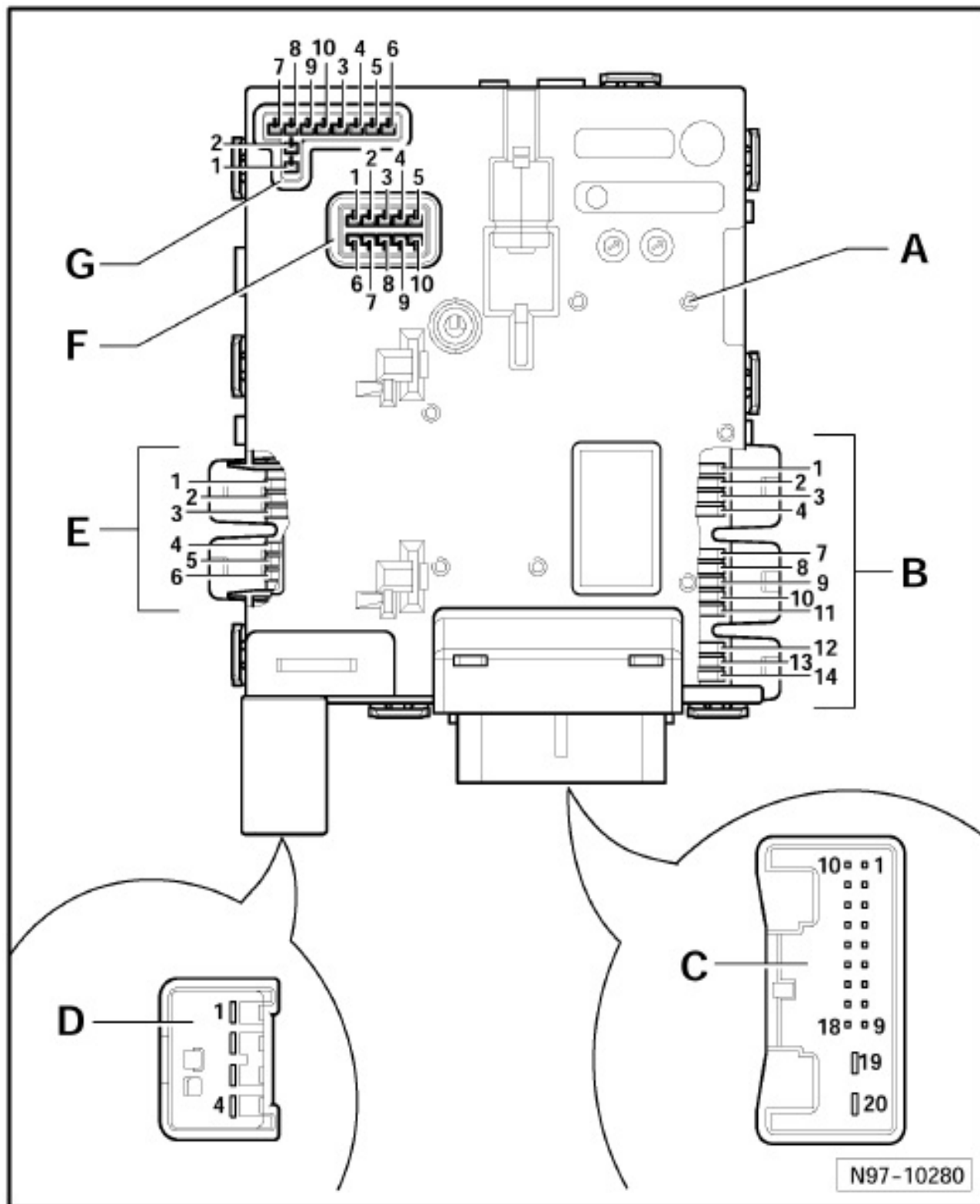
**VW
PASSAT
2007
Steering
column
electronics
control
unit J527**

Steering column
electronics
control unit -
J527-

Fitting location:
under steering
column, near
steering column
switch -arrow-



Connector assignment:



N97-10280

2

A - Steering column electronics control unit -J527-

C - 20-pin connector -T20d-

1 - Ignition key withdrawal lock

2 - Immobiliser reading unit

3 - Convenience CAN bus, low

4 - Convenience CAN bus, high

5 - Powertrain CAN, screening

6 - Powertrain CAN, low

7 - Powertrain CAN, high

8 - Earth

9 - Power supply to control unit for steering column electronics

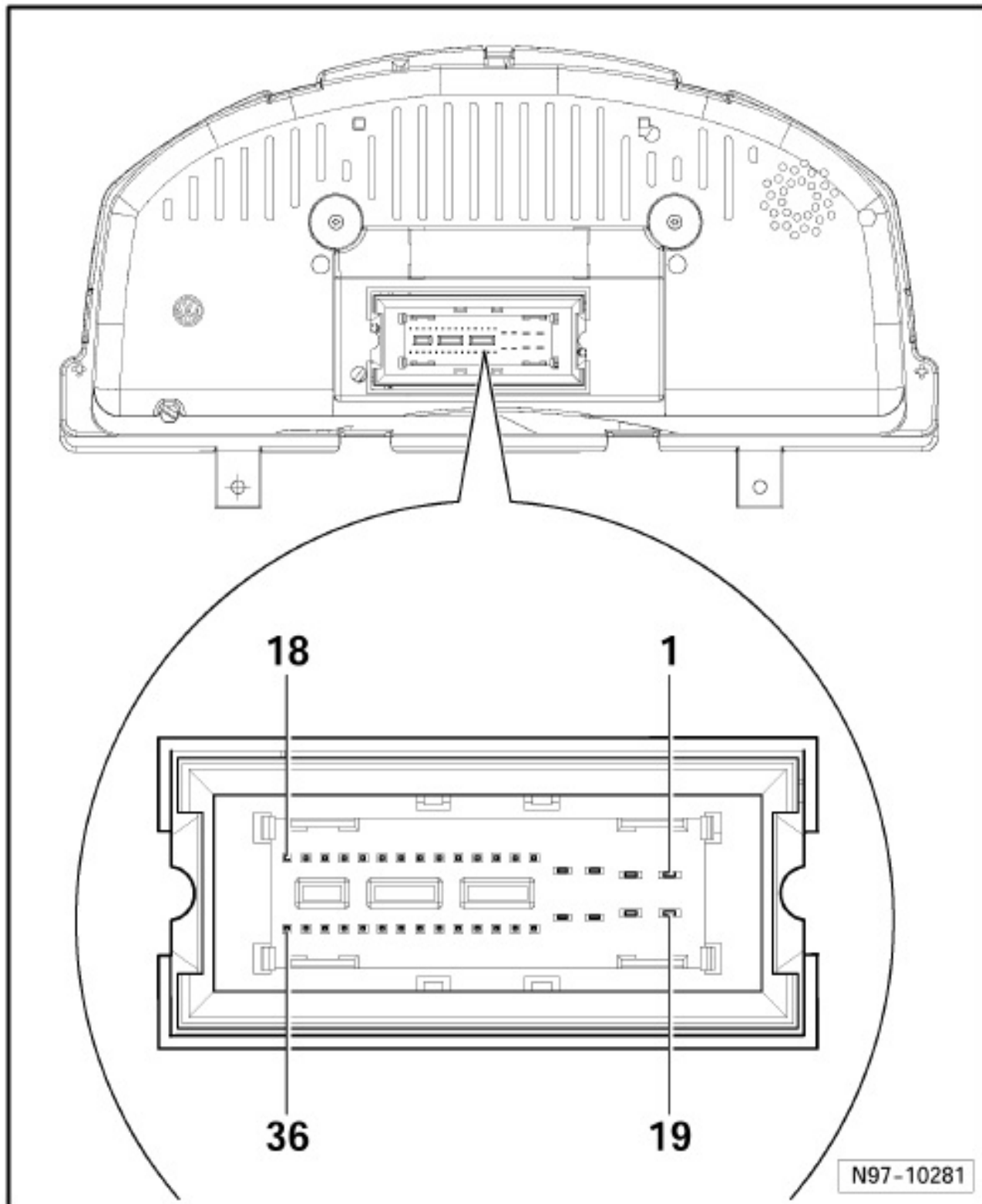
10 - Terminal 50

11 - Terminal P

12 - Terminal S

- 13 - Terminal 15
- 14 - Not assigned
- 15 - Not assigned
- 16 - Cruise control system, out
- 17 - Earth
- 18 - Power supply to control unit for steering column electronics (terminal 30)
- 19 - Not assigned
- 20 - Not assigned
- E - Connector for wiper and multifunction display:
 - 1 - Earth for intermittent windscreen wiper switch
 - 2 - Wiper signal
 - 3 - Wash/wipe signal
 - 4 - Potentiometer for intermittent stages
 - 5 - Multifunction display signal
 - 6 - Earth for multifunction display and interval
- G - Connector for airbag return spring/multifunction steering wheel:
 - 1 - Not assigned
 - 2 - Not assigned
 - 3 - Airbag 1 (+)
 - 4 - Airbag 1 (-)
 - 5 - Airbag 2 (+)
 - 6 - Airbag 2 (-)
 - 7 - Earth for return spring, multifunction steering wheel and horn
 - 8 - Horn or CCS off (with multifunction steering wheel)
 - 9 - LIN bus
 - 10 - Power supply for multifunction steering wheel (terminal 15)

Dash panel insert -K- / Control unit in dash panel insert -J285-
36-pin connector -T36- :



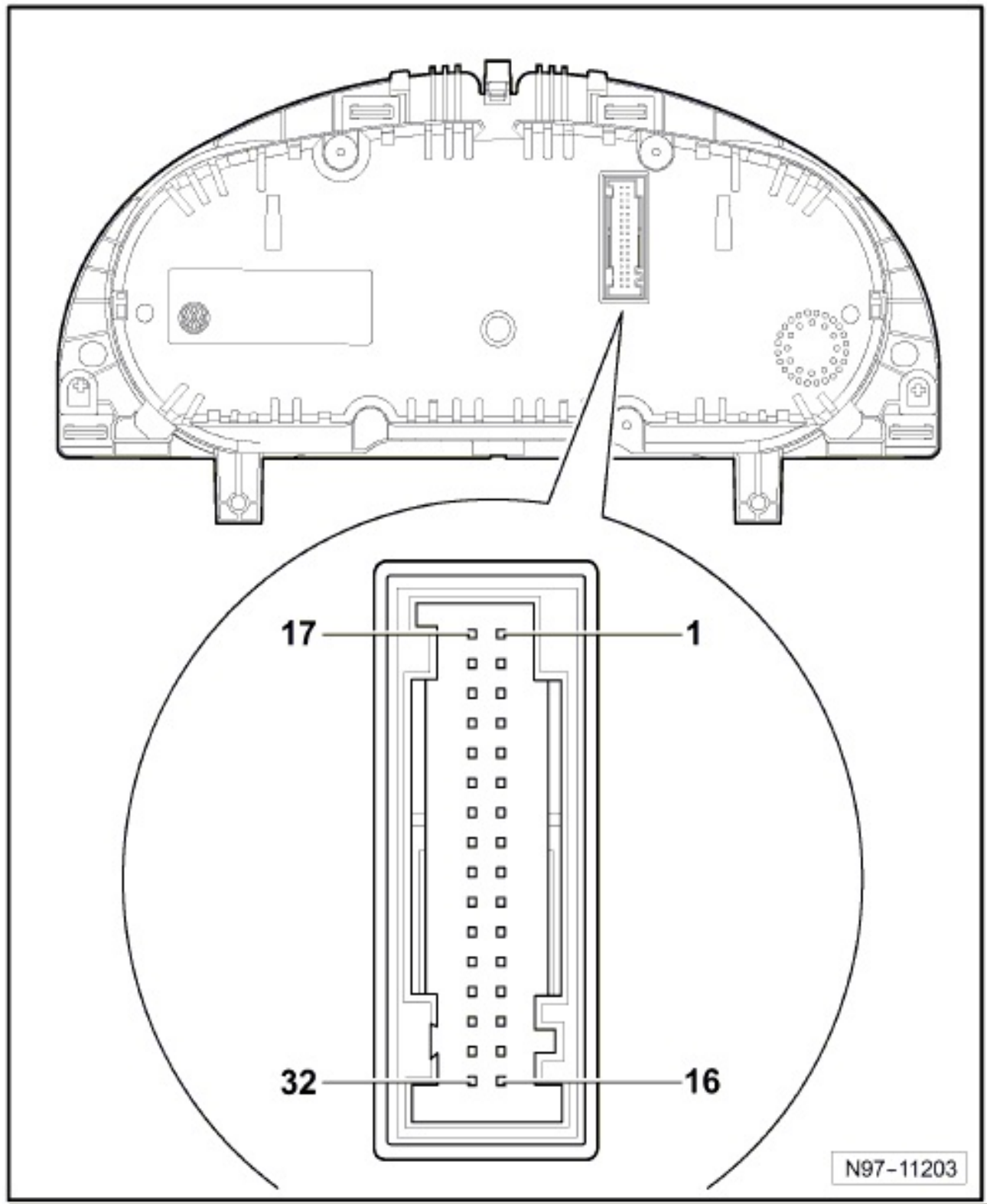
N97-10281

2

- 1 - Terminal 15 voltage supply
- 2 - Terminal 30 voltage supply
- 3 - Not assigned
- 4 - Not assigned
- 5 - Brake fluid level warning lamp
- 6 - Warning lamp for electric parking brake and handbrake
- 7 - Not assigned
- 8 - Not assigned
- 9 - Not assigned
- 10 - Not assigned
- 11 - Not assigned
- 12 - Diagnostic interface for dash panel CAN data bus, low
- 13 - Diagnostic interface for dash panel CAN data bus, high
- 14 - Dash panel CAN screening

- 15 - Dash panel CAN wake-up wire
- 16 - Fuel gauge sender (full), only with all-wheel drive
- 17 - Fuel gauge sender (full)
- 18 - Fuel gauge sender (empty)
- 19 - Terminal 31
- 20 - Not assigned
- 21 - Not assigned
- 22 - Front left brake pad wear sender
- 23 - Fuel gauge sender (empty), only with all-wheel drive
- 24 - Not assigned
- 25 - Oil pressure warning lamp
- 26 - Oil level and oil temperature sender
- 27 - Not assigned
- 28 - Speed signal, sliding sunroof adjustment control unit output, control unit with display for radio and navigation system
- 29 - Not assigned
- 30 - Not assigned
- 31 - Not assigned
- 32 - Not assigned
- 33 - Terminal 31, sensor earth
- 34 - Washer fluid level warning lamp
- 35 - Coolant temperature and coolant shortage warning lamp
- 36 - Ambient temperature sensor

Note
applicable to October 2008
32-pin connector -T32c-



2

- 1 - Fuel gauge sender (full)
- 2 - Fuel gauge sender (empty)
- 3 - Fuel gauge sender (full), only with all-wheel drive
- 4 - Fuel gauge sender (empty), only with all-wheel drive
- 5 - Not assigned
- 6 - Not assigned
- 7 - Not assigned
- 8 - Not assigned
- 9 - Speed signal, sliding sunroof adjustment control unit output, control unit with display for radio and navigation system
- 10 - Not assigned
- 11 - Oil level and oil temperature sender
- 12 - Not assigned
- 13 - Not assigned
- 14 - Not assigned

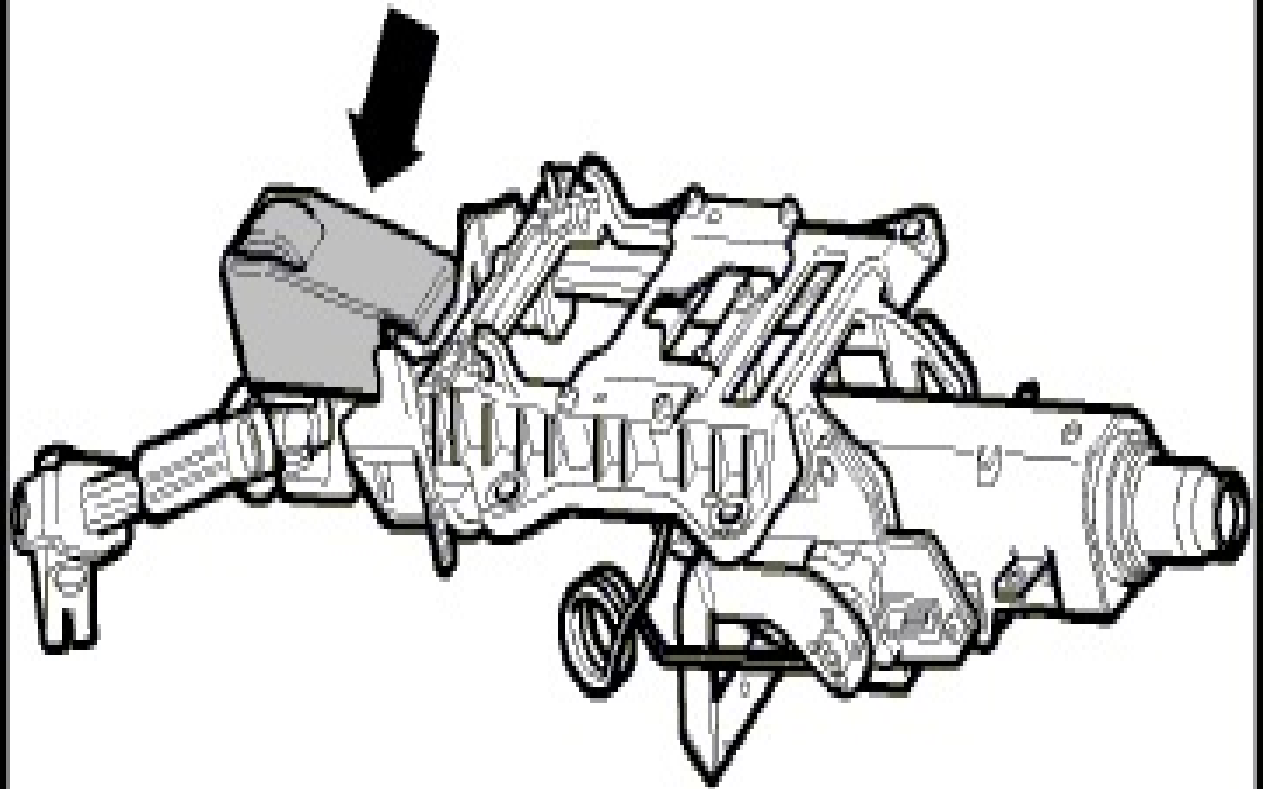
- 15 - Front left brake pad wear sender
- 16 - Terminal 31
- 17 - Washer fluid level warning lamp
- 18 - Coolant temperature and coolant shortage warning lamp
- 19 - Ambient temperature sensor
- 20 - Terminal 31, sensor earth
- 21 - Not assigned
- 22 - Not assigned
- 23 - Not assigned
- 24 - Not assigned
- 25 - Warning lamp for electric parking brake and handbrake
- 26 - Brake fluid level warning lamp
- 27 - Oil pressure warning lamp
- 28 - Diagnostic interface for dash panel CAN data bus, high
- 29 - Diagnostic interface for dash panel CAN data bus, low
- 30 - Not assigned
- 31 - Terminal 15 voltage supply
- 32 - Terminal 30 voltage supply

Note
applicable from November 2008

steering column lock control unit J764

Electronic
steering column
lock control unit
-J764-

Fitting location:
on steering
column -arrow-

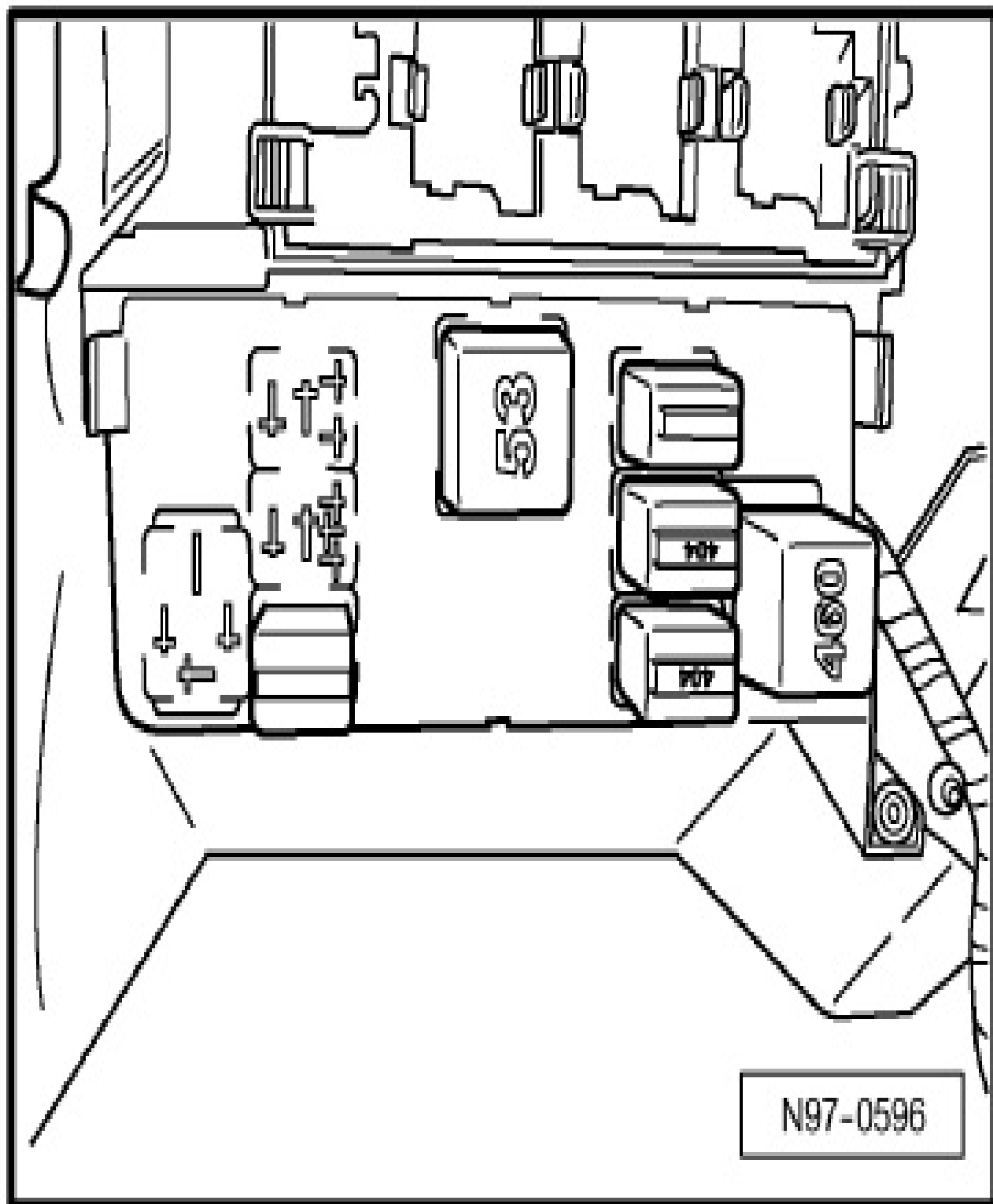


N97-11217

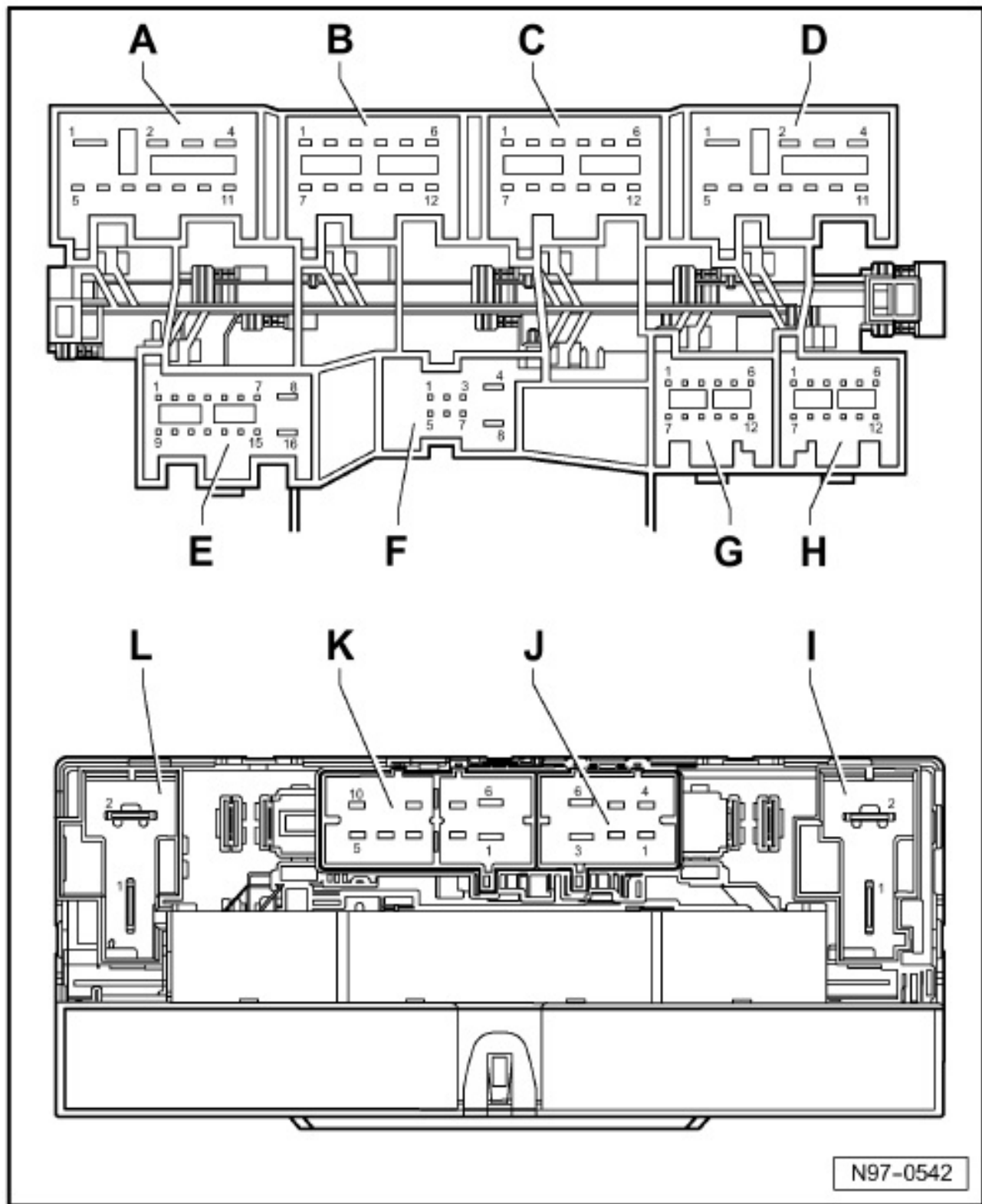
**VW
PASSAT
2007
Onboard
supply
control
unit J519**

Onboard supply
control unit -
J519-

Fitting location:
under dash panel
on driver side,
below relay
carrier.



Connector assignment:



N97-0542

2

A - 11-pin connector -T11-

1 - Terminal 30

2 - Right dipped beam bulb

3 - Right main beam bulb

4 - Right fog light bulb

5 - Right gas discharge (xenon) bulb

6 - Front right turn signal bulb

7 - Left side light bulb

8 - Not assigned

9 - Earth

10 - Electric fuel pump 2 relay

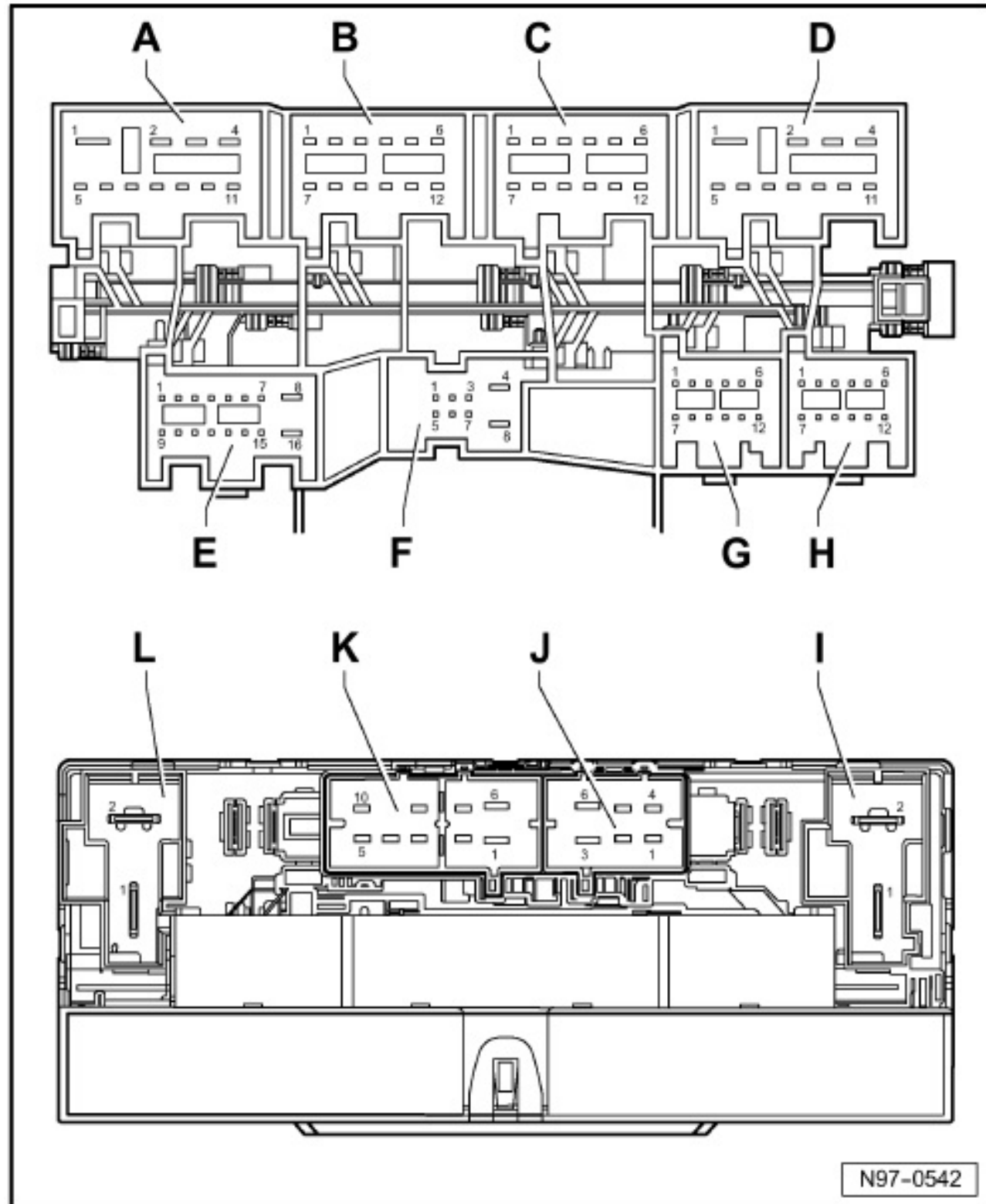
11 - Terminal 50 voltage supply relay

C - 12-pin connector -T12k-

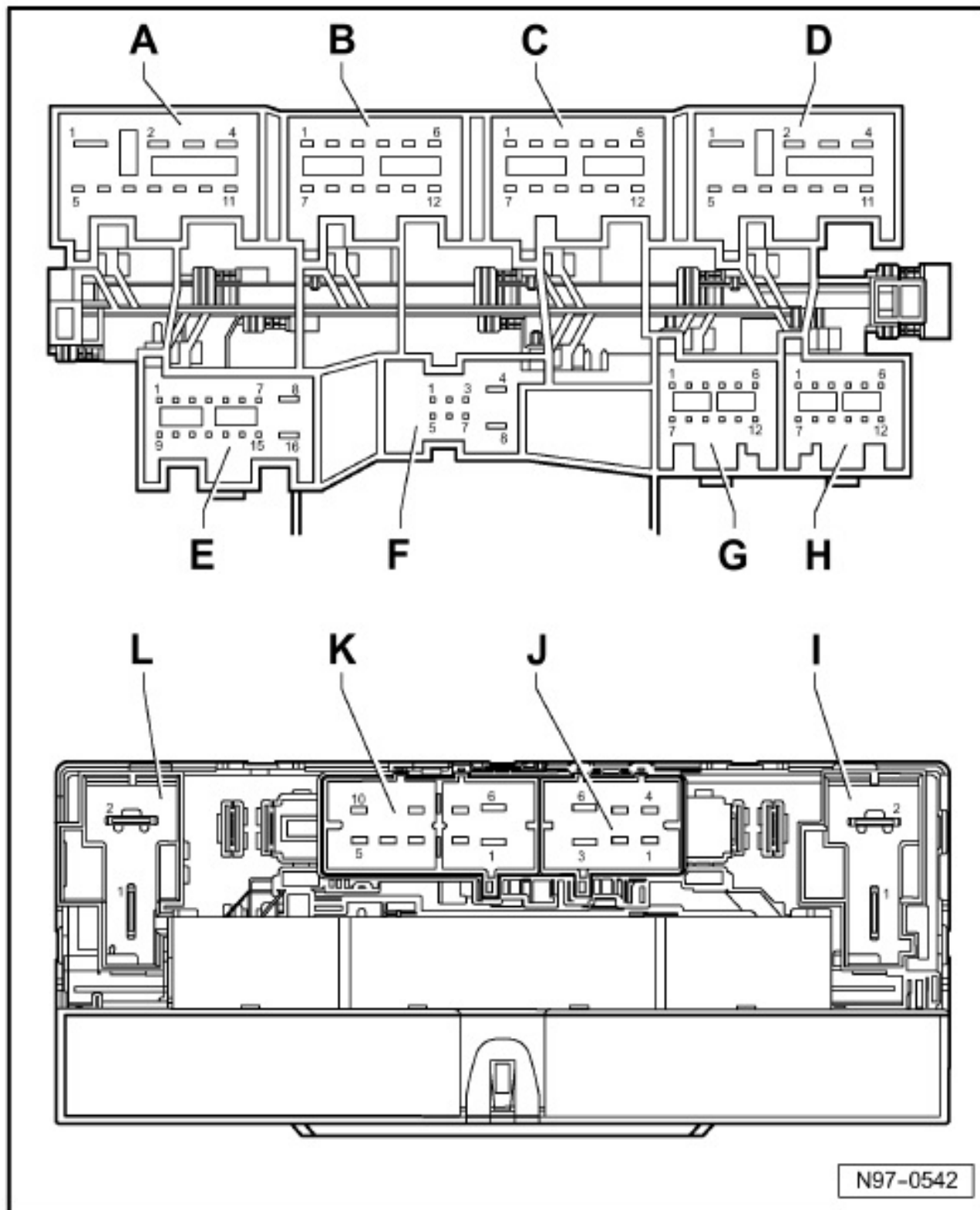
1 - Heated driver seat control unit, heated front passenger seat control unit

- 2 - Left brake light bulb
- 3 - Right fog light bulb (right-hand drive only)
- 4 - Not assigned
- 5 - Not assigned
- 6 - Not assigned
- 7 - Not assigned
- 8 - Registration plate left light, number plate right light
- 9 - High level brake light bulb
- 10 - Left tail light bulb (side light)
- 11 - Rear left turn signal bulb
- 12 - Left reversing light bulb (right-hand drive only)

Connector assignment:



- 2 - Brake light switch
 - 3 - Not assigned
 - 4 - Not assigned
 - 5 - Not assigned
 - 6 - Fog light switch
 - 7 - Earth (for manual gearbox only), mechatronics for dual clutch gearbox, multifunction switch (for automatic gearbox only)
 - 8 - Lighting switch terminal 56
 - 9 - Not assigned
 - 10 - Not assigned
 - 11 - Not assigned
 - 12 - Not assigned
 - 13 - Light switch (rear fog light)
 - 14 - Light switch (assistance light)
 - 15 - Not assigned
 - 16 - Light switch (day driving light)
- F - 8-pin connector -T8t-
- 1 - Terminal 50 voltage supply relay
 - 2 - Terminal 15 voltage supply relay
 - 3 - Windscreen wiper motor, rain and light detector sensor (LIN bus)
 - 4 - Alternator
 - 5 - Bonnet contact switch
 - 6 - Reversing light switch
 - 7 - Terminal 30
 - 8 - Terminal 31
- G - 12-pin connector -T12-
- t Not assigned



N97-0542

2

I - J - 6-pin connector -T6ap-

1 - Fuse for washer pump of windscreen and rear window (input)

2 - Motor for rear window wiper, washer pump for windscreen and rear window (rear)

3 - Horn fuse

4 - Motor for rear window wiper, washer pump for windscreen and rear window (front)

5 - Earth

6 - Treble tone horn, bass tone horn

K - 2-pin connector -T2cq-

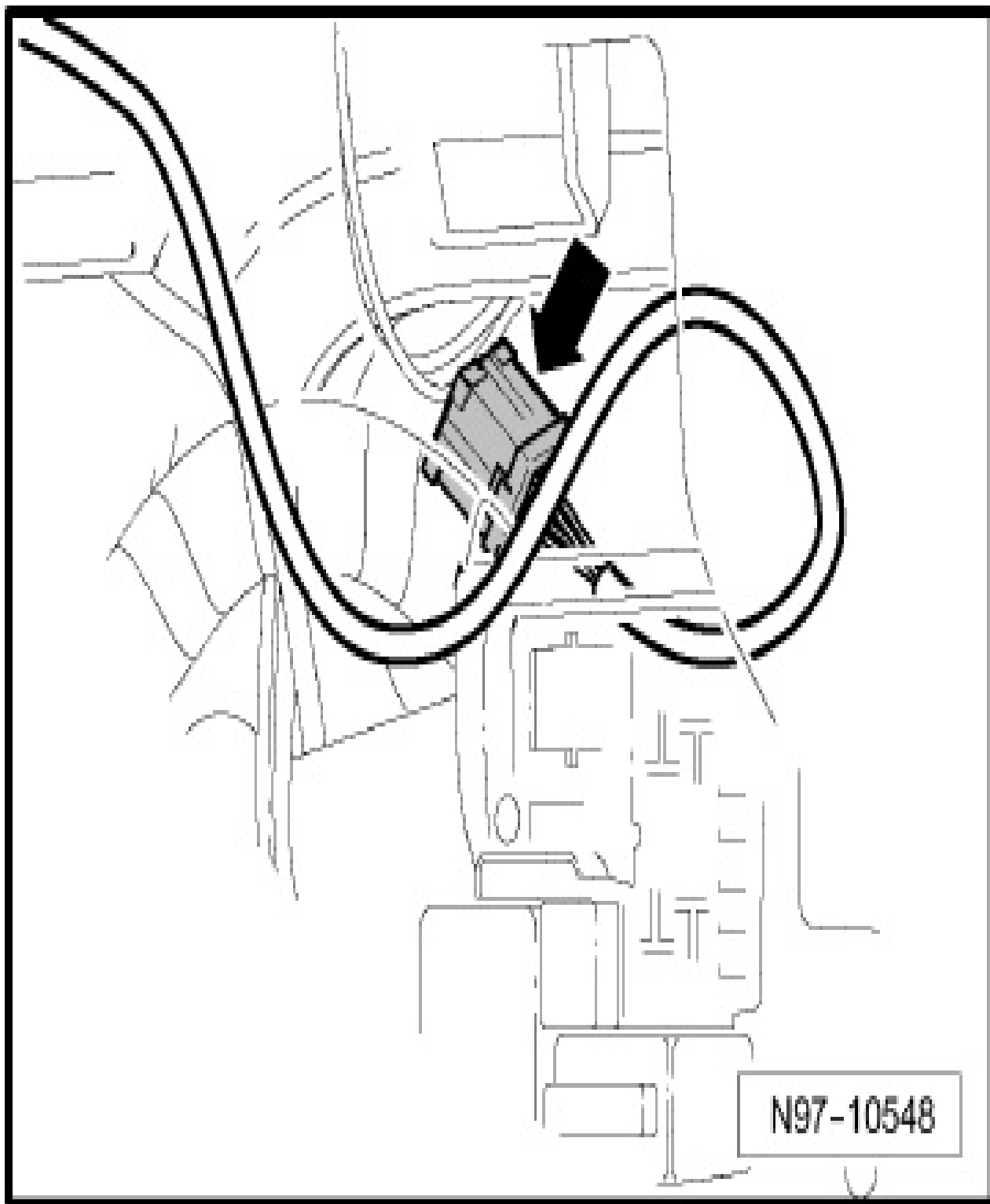
1 - Fuse for terminal 15 vehicle interior (input)

2 - Terminal 15 vehicle interior (output)

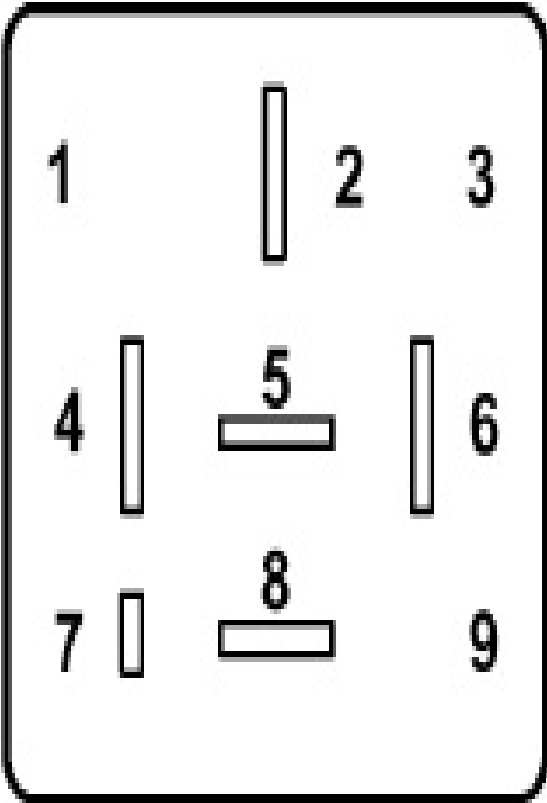
Driving school
mode relay -
J746-
Fitting location:
in driver
footwell, behind
relay carrier -
arrow-

**VW
PASSAT
2007 Taxi
alarm
remote
control
control
unit J601**

Taxi alarm
remote control
control unit -
J601-
Fitting location:
in driver
footwell, behind
relay carrier -
arrow- .



Connector

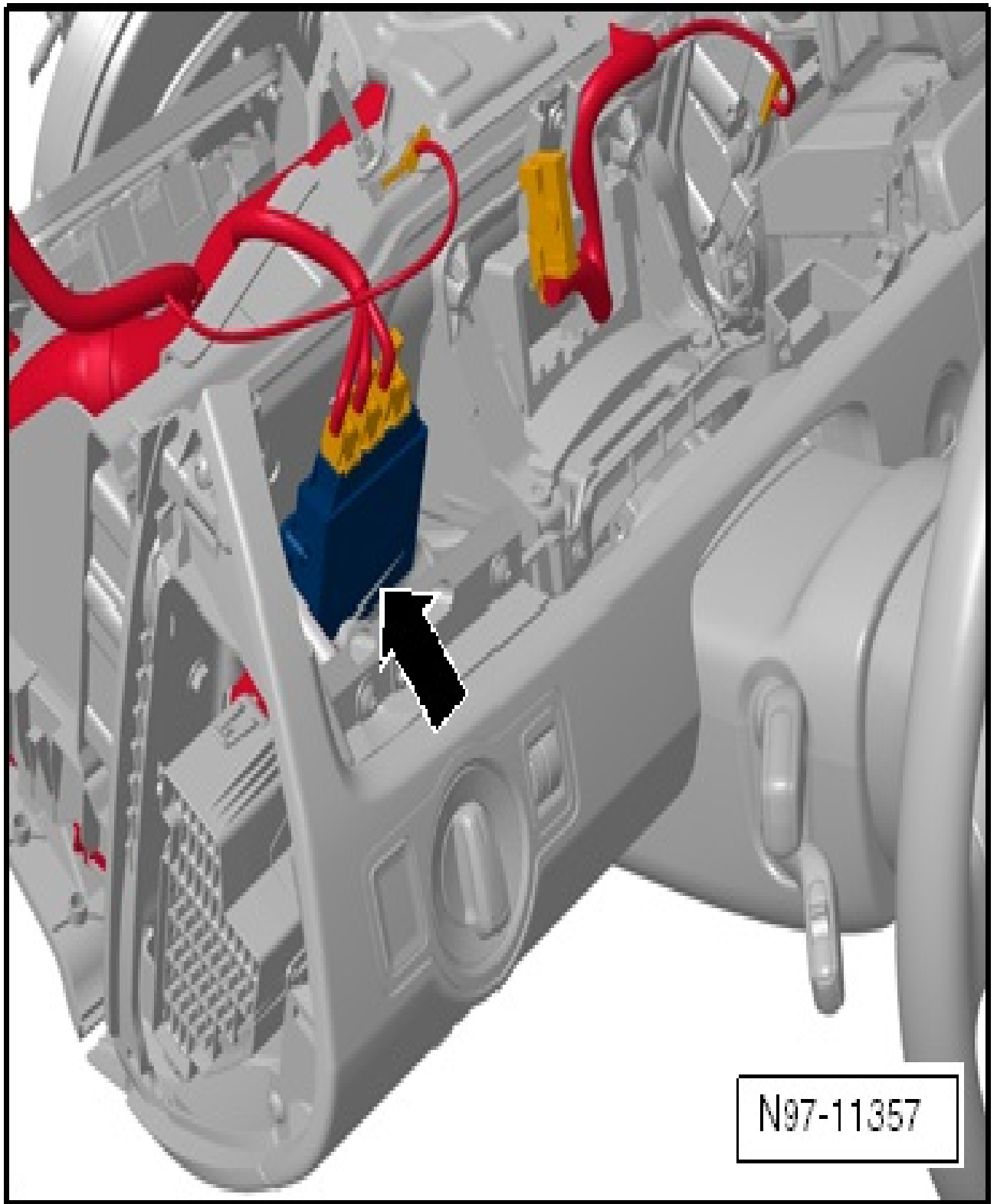


N97-10549



Park assist
steering control
unit -J791- /
Parking aid
control unit -
J446-

Fitting location:
under dash panel
on left, behind
relay carrier
above onboard
supply control
unit -arrow-



VW PASSAT 2007 Data bus diagnostic interface J533

Data bus
diagnostic
interface -J533-

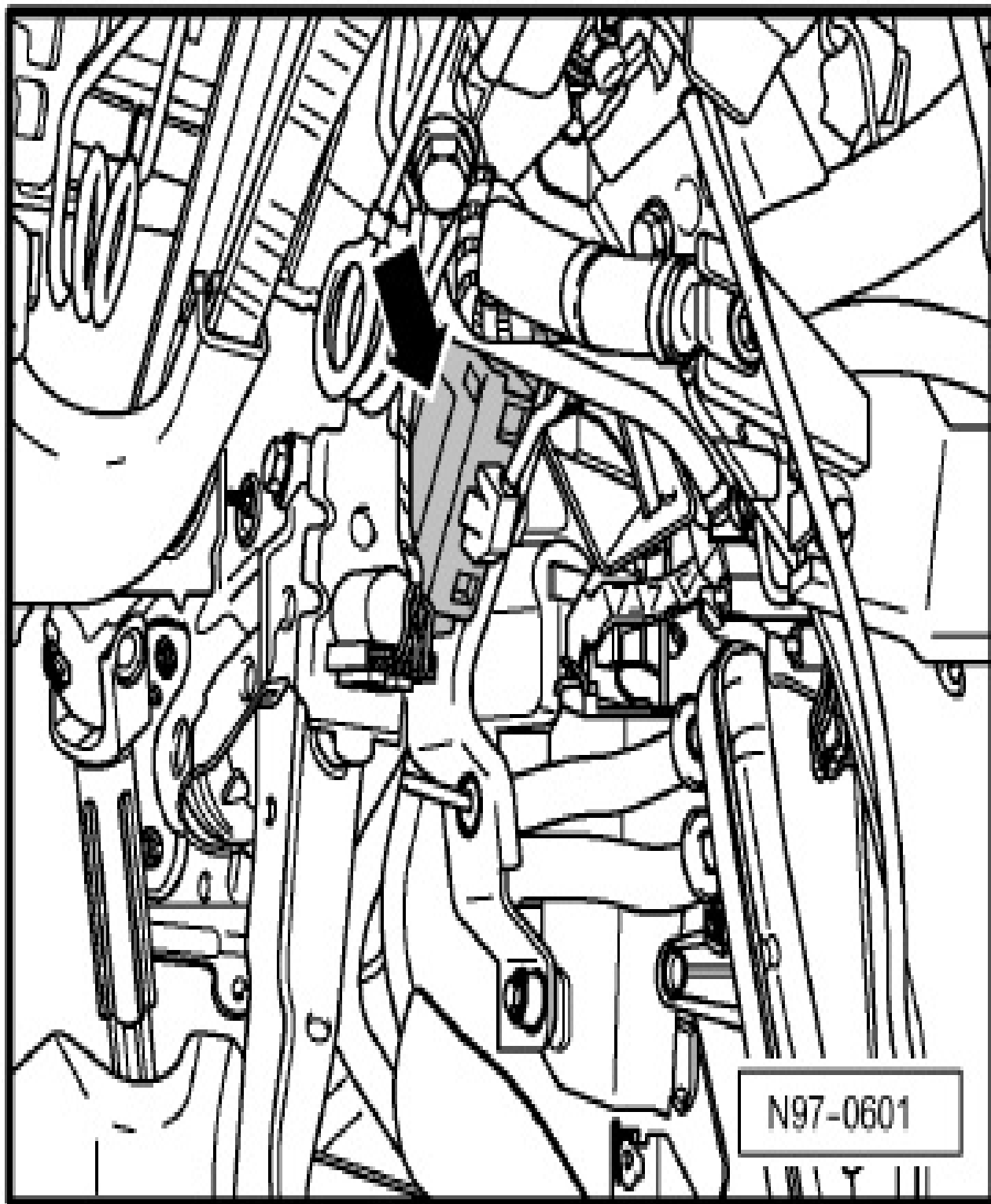
Fitting location:

Left-hand drive
models:

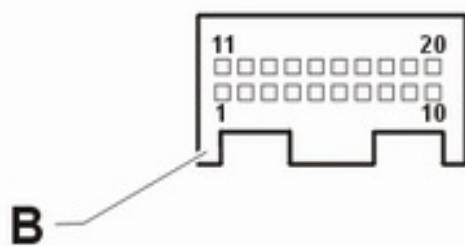
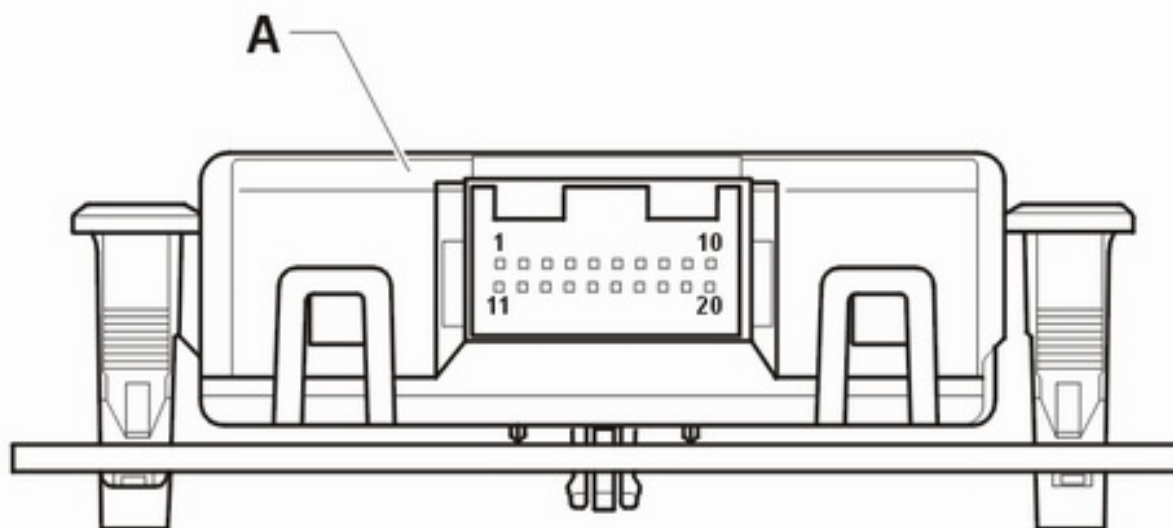
in driver's
footwell, near
pedal cluster -
arrow-

Right-hand drive
models:

in centre console
under radio
unit/navigation
system



Connector assignment:



N97-0544

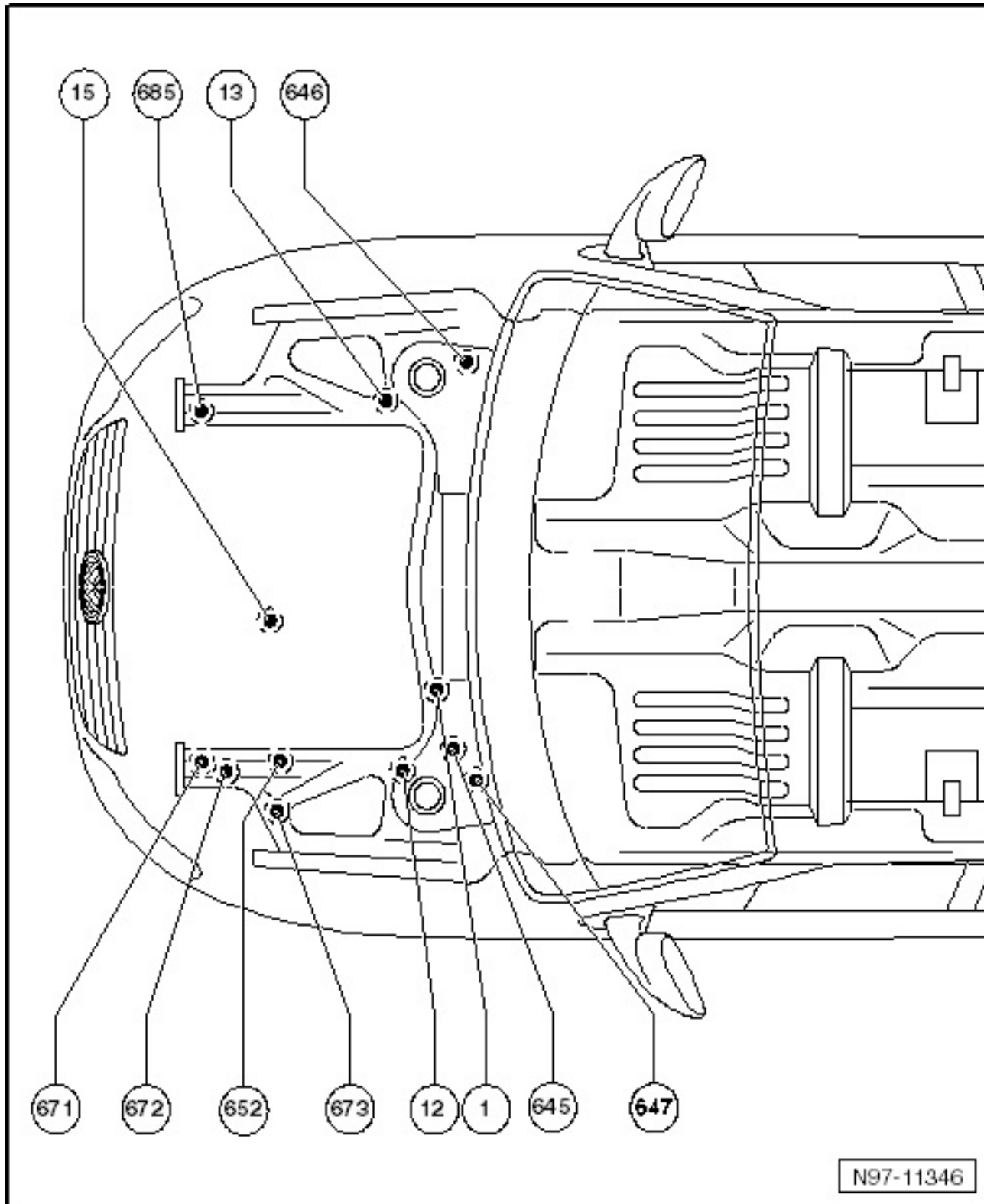


A - Data bus diagnostic interface -J533-

VW PASSAT 2007 Overview of earth points in engine compartment

VW PASSAT 2007

Overview of earth points in engine compartment



2

15 Earth point, on cylinder head

q Torque setting: 15Nm

q Fittings location

685 Earth point 1 at front of right longitudinal member

q Torque setting: 9Nm

q Fittings location

13 Earth point, on right in engine compartment

q Torque setting: 9Nm

q Fittings location

646 Earth point 2, on bulkhead

q Torque setting: 9Nm

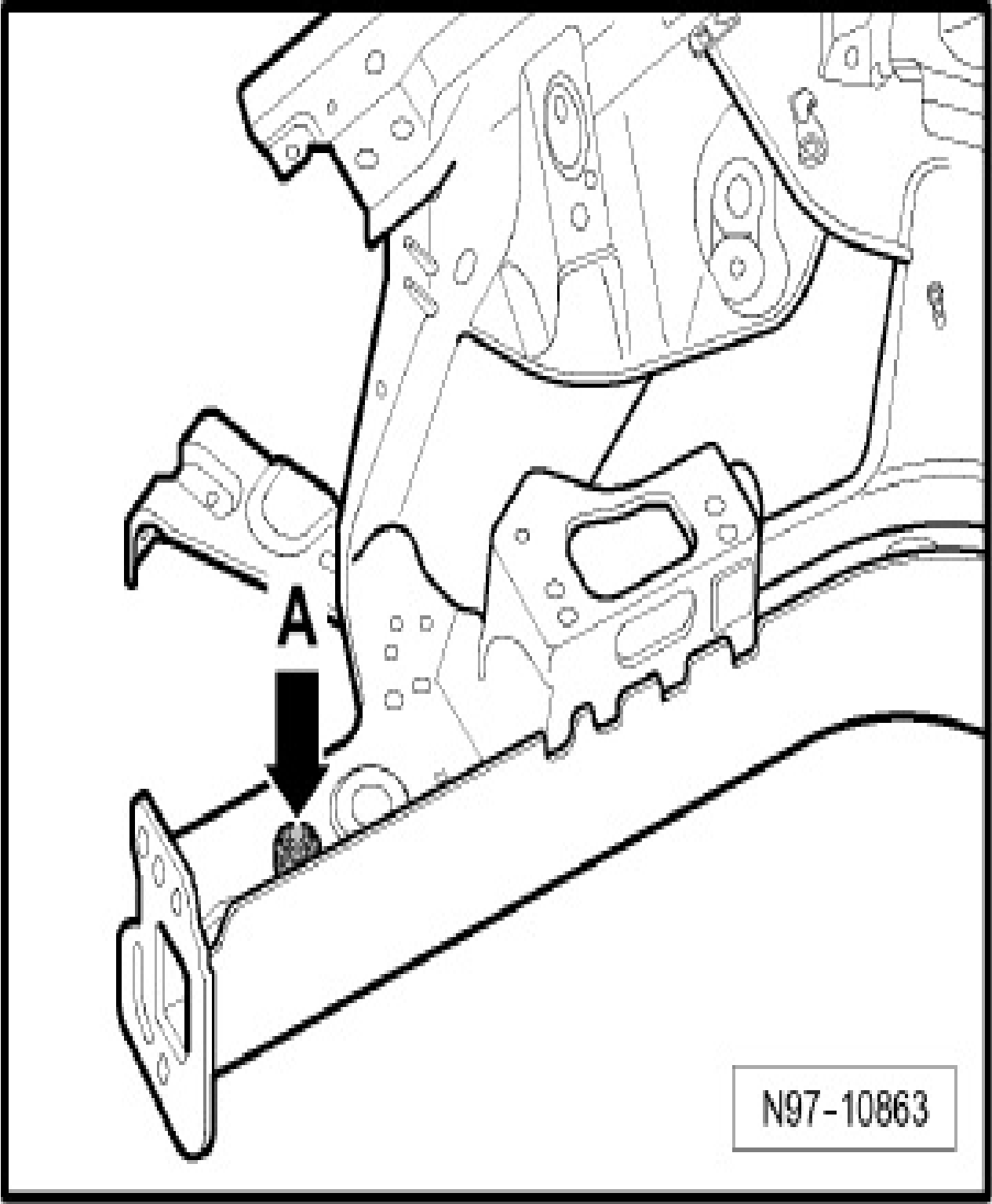
q Fittings location

647 Earth point 3, on bulkhead

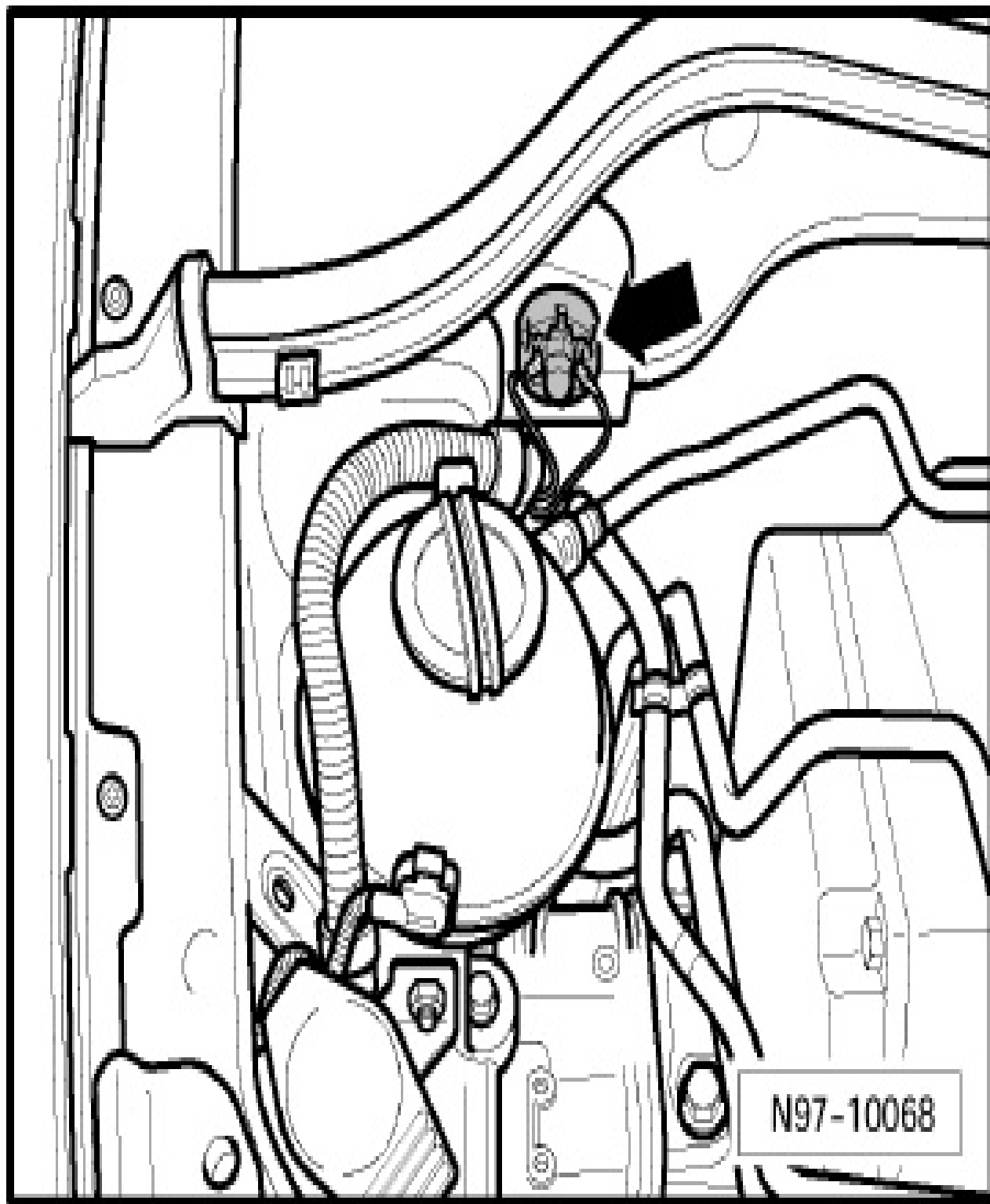
q Torque setting: 9Nm

- q Fittings location
 - 645 Earth point 1, on bulkhead
- q Torque setting: 9Nm
- q Fittings location
 - 1 Earth strap, battery - body
- q Torque setting: 9Nm
- q Fittings location
 - 12 Earth point, on left in engine compartment
- q Torque setting: 20Nm
- q Fittings location
 - 673 Earth point 3, on front of left longitudinal member
- q Torque setting: 9Nm
- q Fittings location
 - 652 Earth point, engine and gearbox earth
- q Torque setting: 20Nm
- q Fittings location
 - 672 Earth point 2, on front of left longitudinal member
- q Torque setting: 9Nm
- q Fittings location
 - 671 Earth point 1, on front of left longitudinal member
- q Torque setting: 9Nm
- q Fittings location

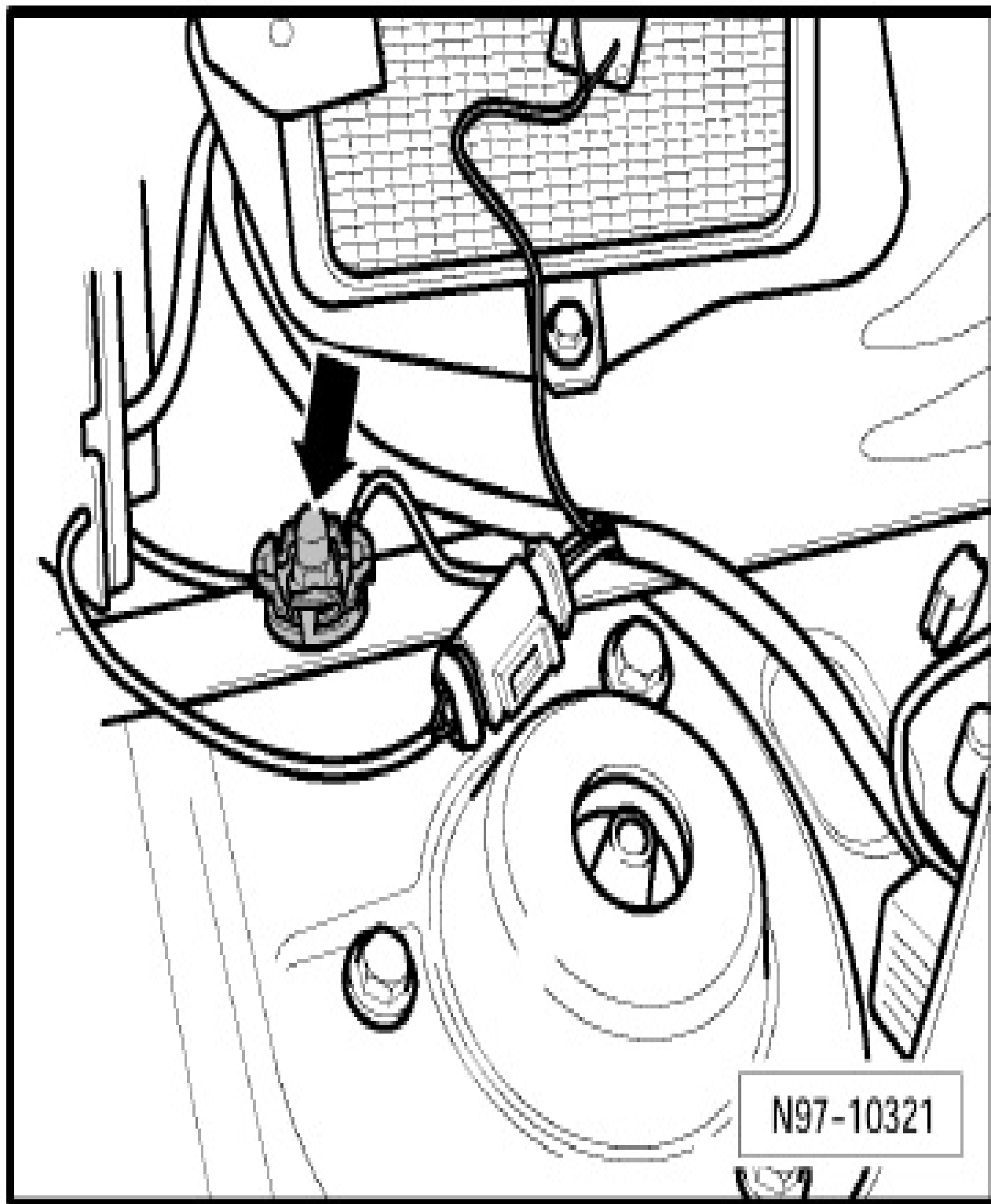
Earth point
1 at front of
right
685 longitudinal
member -
arrow-



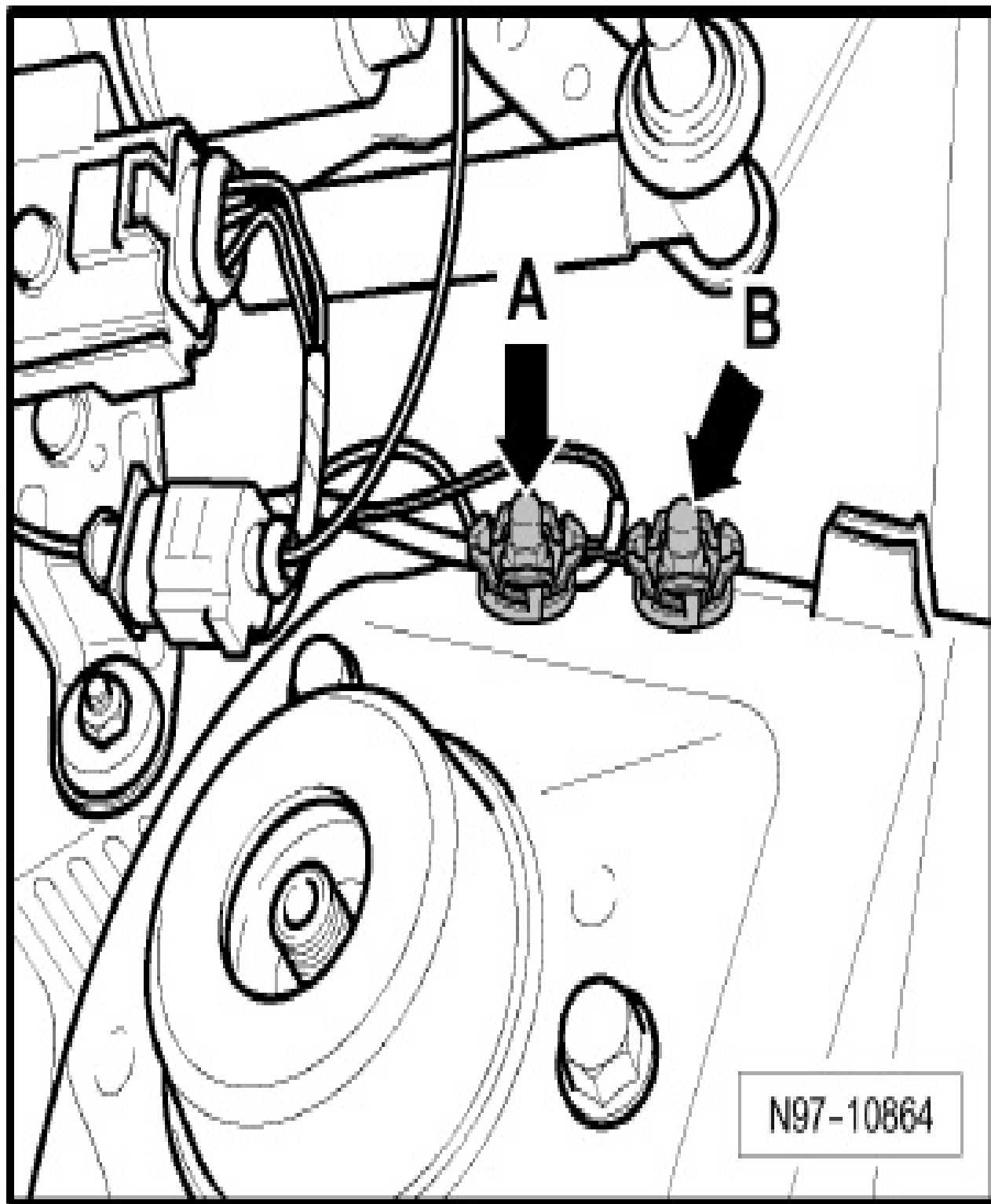
13 Earth point on
right in
engine
compartment
-arrow-



Earth point
2 on
646 bulkhead -
arrow-



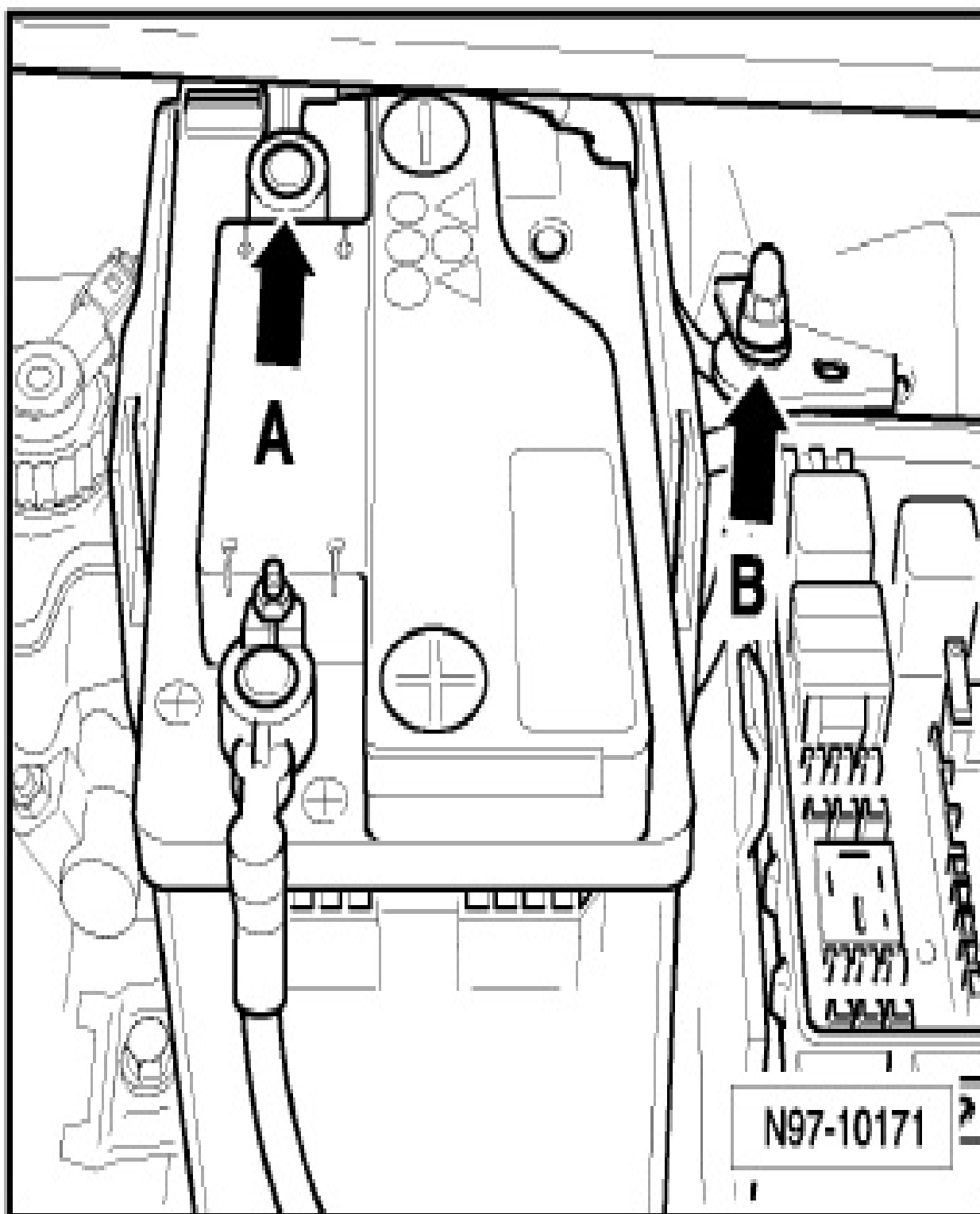
Earth point
1 on
645 bulkhead -
arrow A-
Earth point
3 on
647 bulkhead -
arrow B-



N97-10864

Earth strap,
1 battery - body -
arrow A-

Earth point on
left in engine
12 compartment
-arrow B-

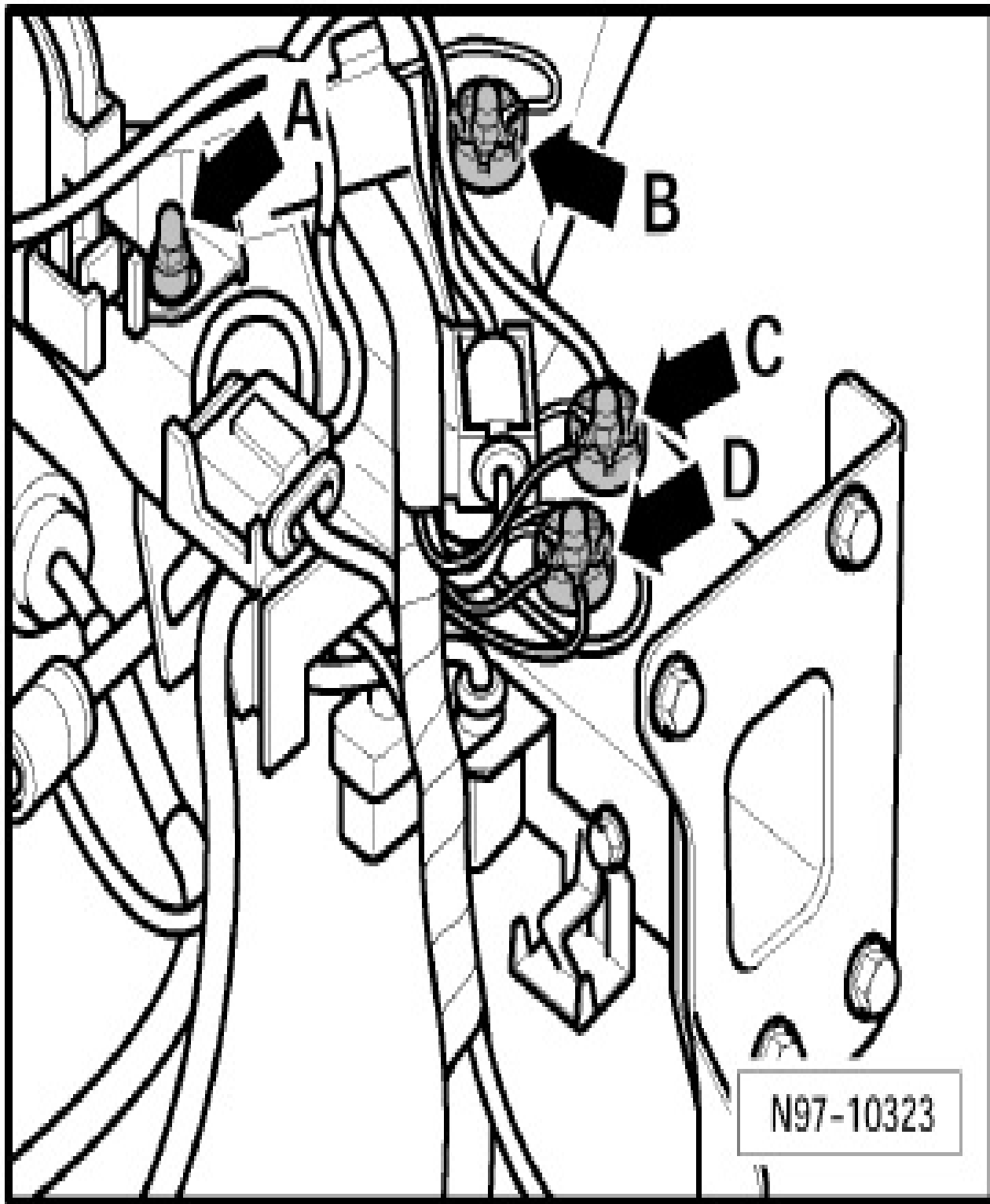


Earth point
for engine
and gearbox
earth -arrow
A-

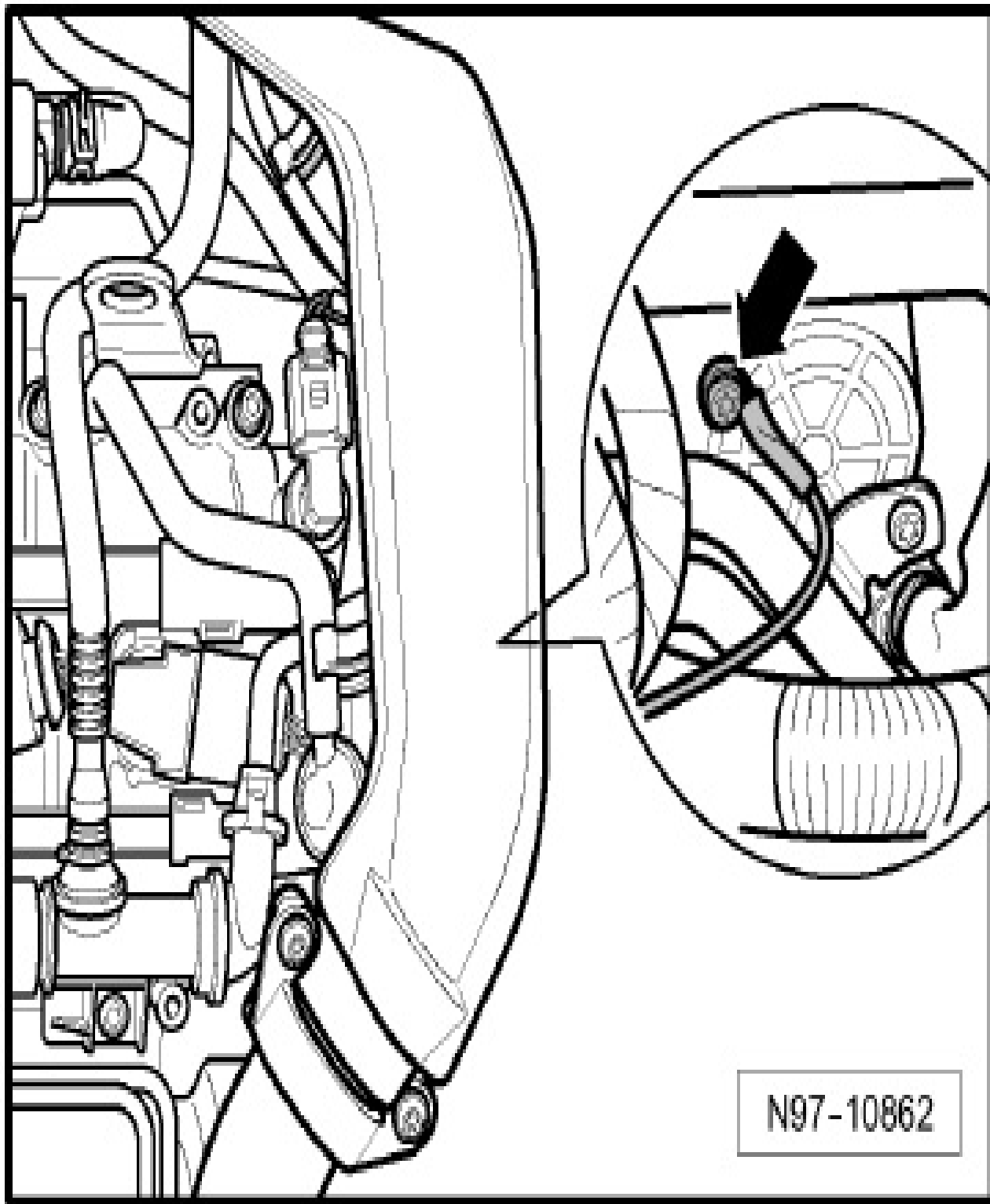
Earth point
2 at front of
left
672 longitudinal
member -
arrow C-

Note
Earth point
672
is discontinued
from November
2006

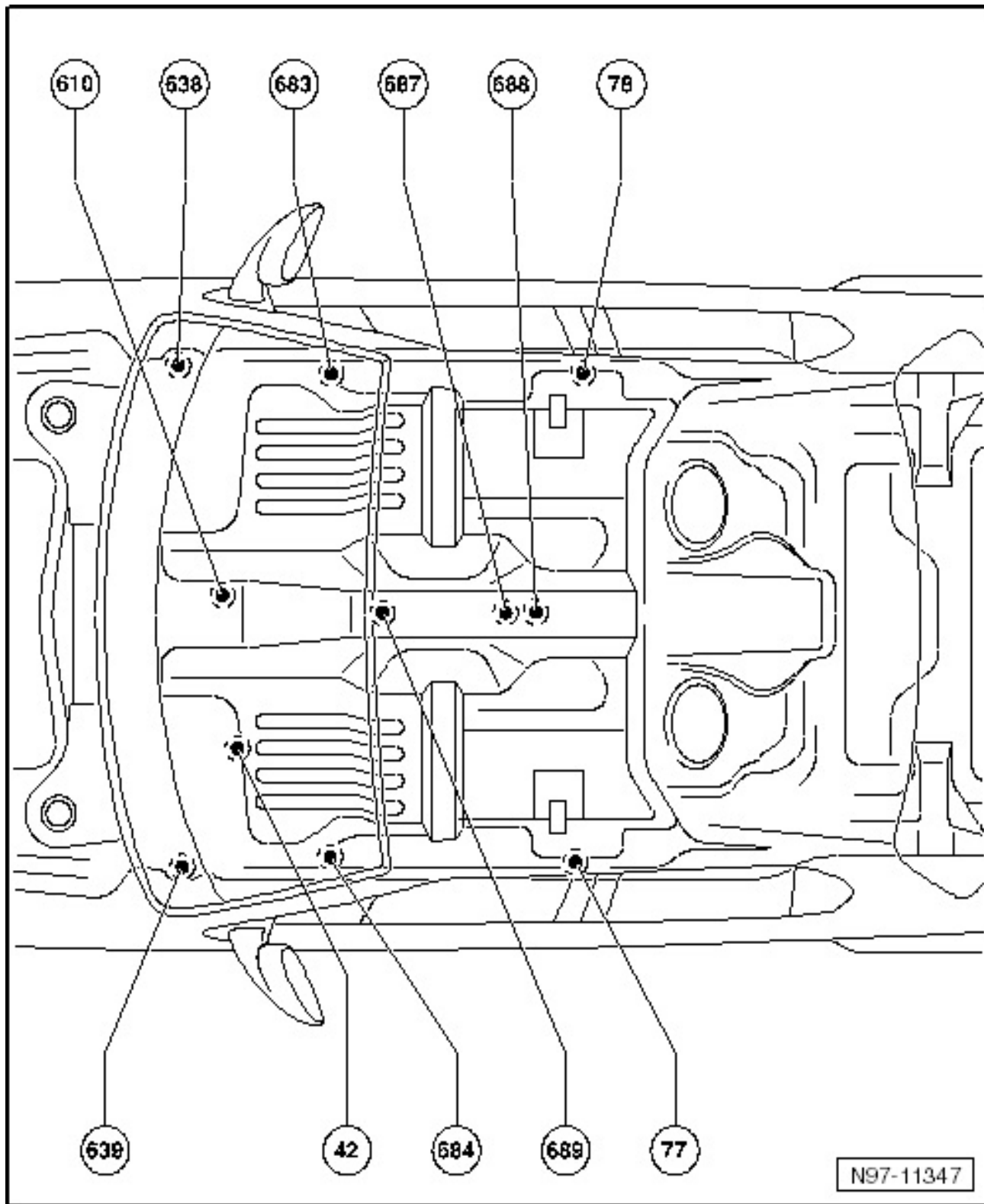
Earth point
3 at front of
left
673 longitudinal
member -
arrow D-



Earth point on
15 cylinder head
-arrow-



Overview of earth points in vehicle interior



2

610 Earth point (audio), front below centre console

q Torque setting: 9Nm

q Fittings location

638 Earth point, on right A-pillar

q Torque setting: 9Nm

q Fittings location

683 Earth point on front of right side member

q Torque setting: 9Nm

q Fittings location

687 Earth point 1 on centre tunnel

q Torque setting: 9Nm

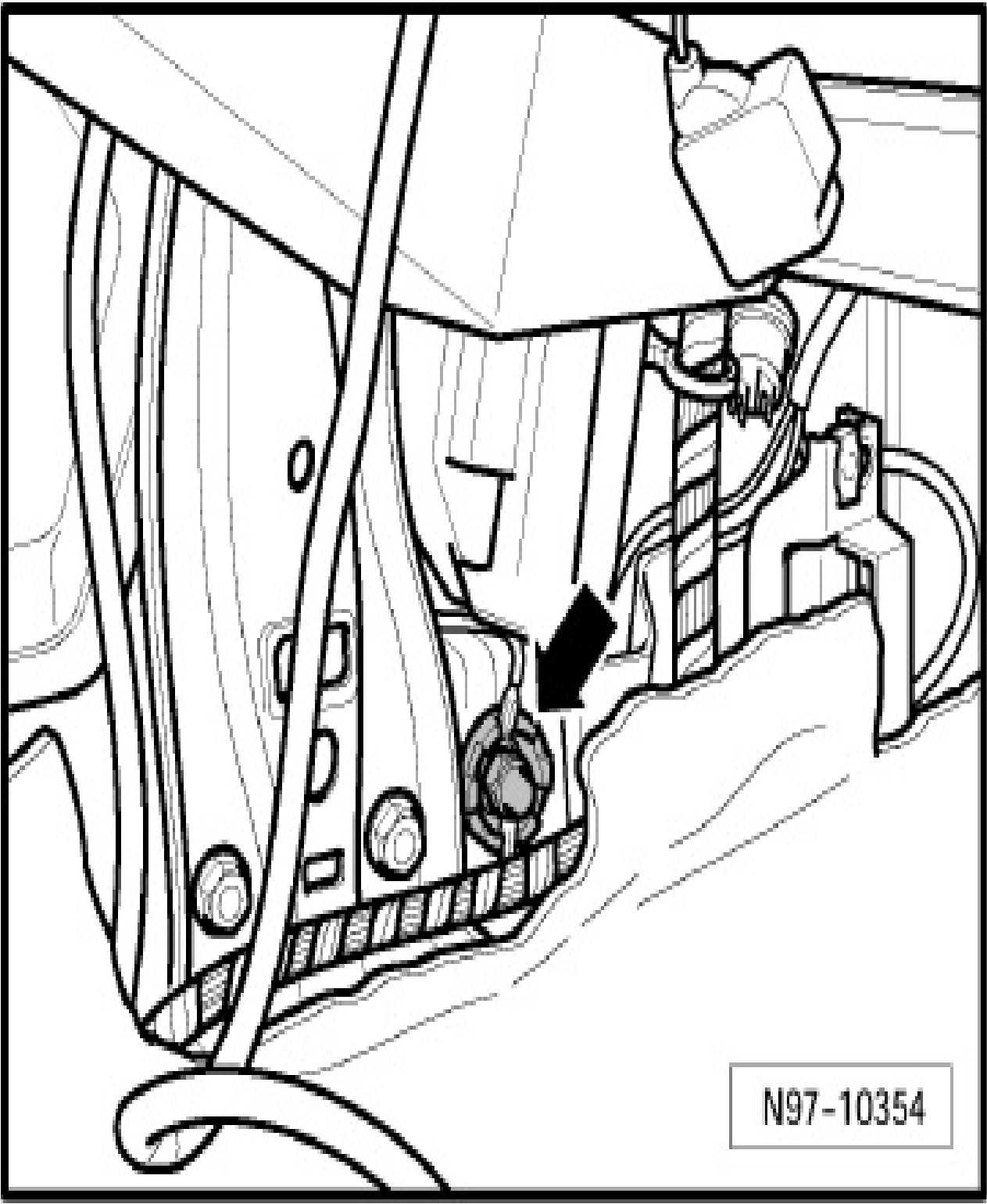
q Fittings location

688 Earth point 2 on centre tunnel

q Torque setting: 9Nm

- q Fittings location
 - 78 Earth point, lower part of right B-pillar
- q Torque setting: 9Nm
- q Fittings location
 - 77 Earth point, lower part of left B-pillar
- q Torque setting: 9Nm
- q Fittings location
 - 689 Earth point, at front, central in roof
- q Torque setting: 9Nm
- q Fittings location
 - 684 Earth point on front of left side member
- q Torque setting: 9Nm
- q Fittings location
 - 42 Earth point, next to steering column
- q Torque setting: 9Nm
- q Fittings location
 - 639 Earth point, left A-pillar
- q Torque setting: 9Nm
- q Fittings location

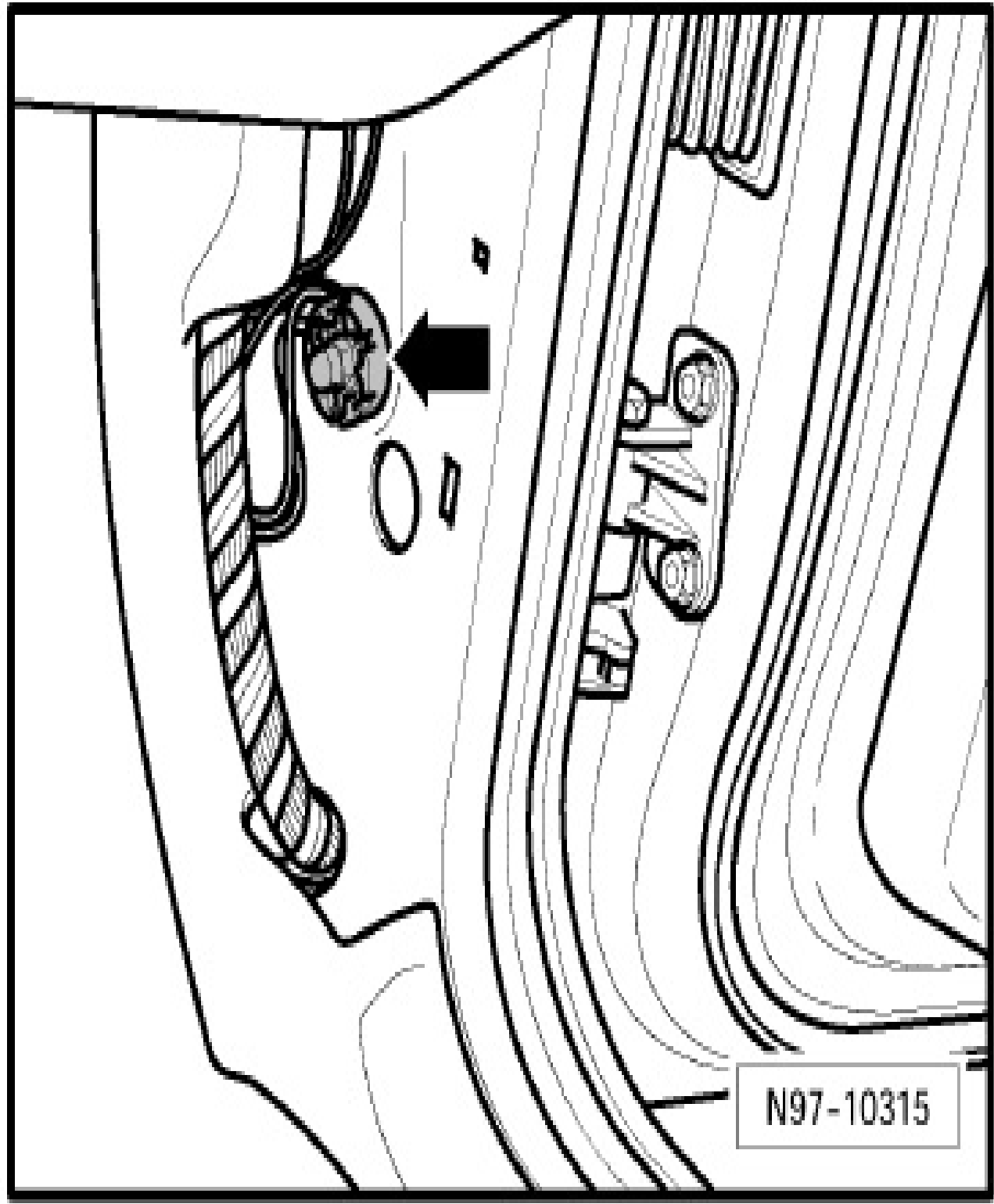
Earth point
(audio), at
front under
610 centre
console -
arrow-



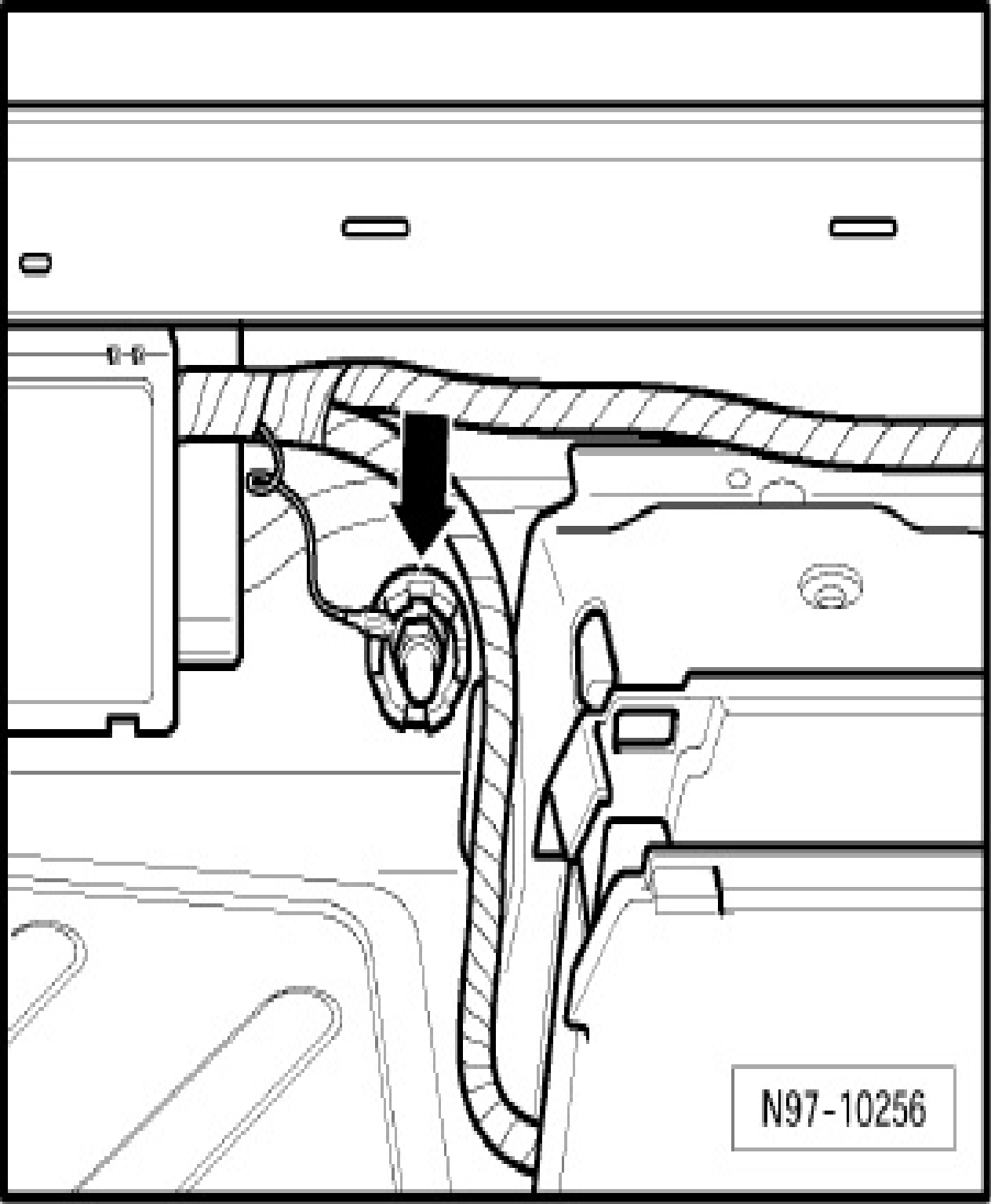
N97-10354



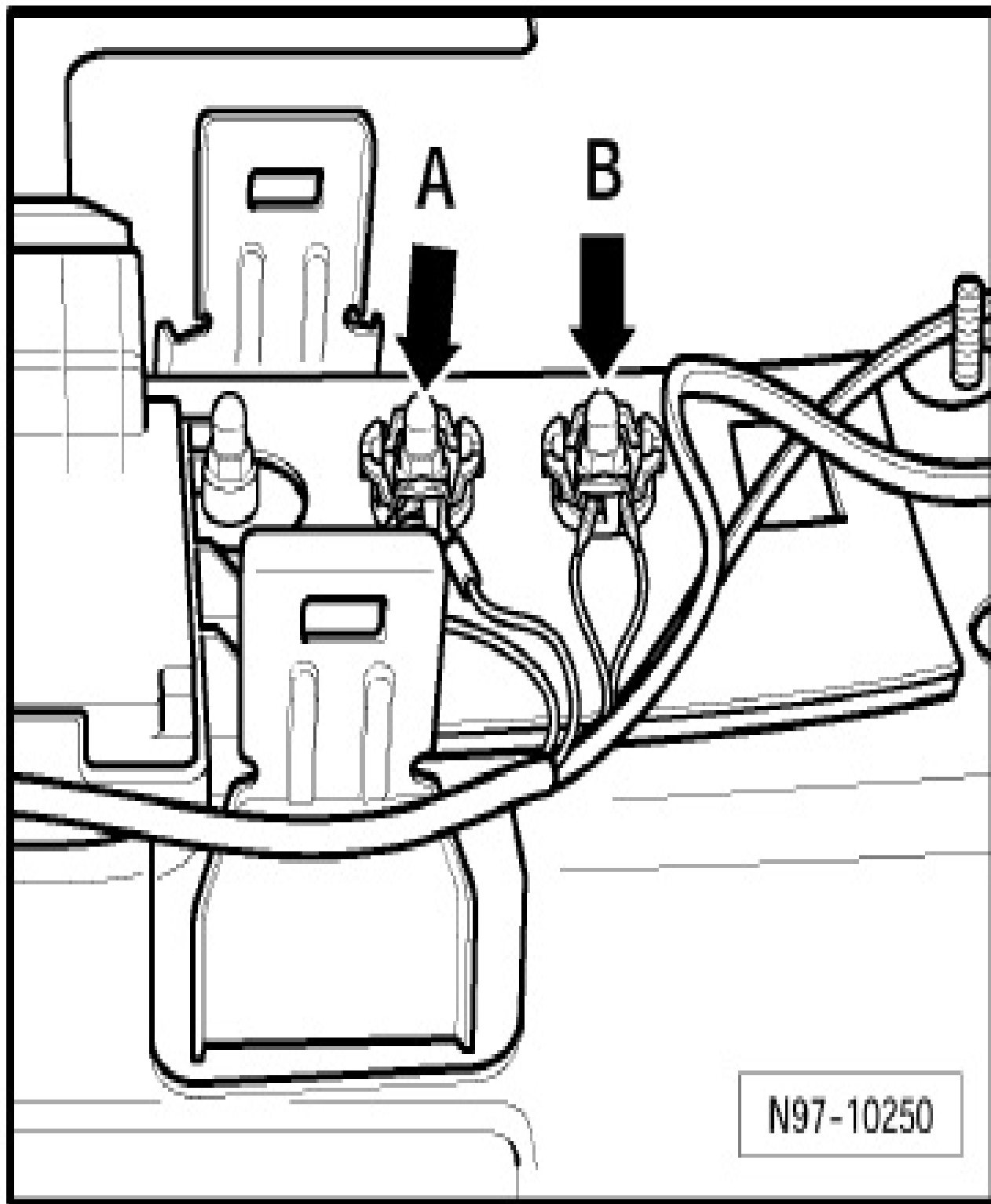
Earth point
on right A-
pillar -arrow-



Earth point
on front of
right side
member -
arrow-

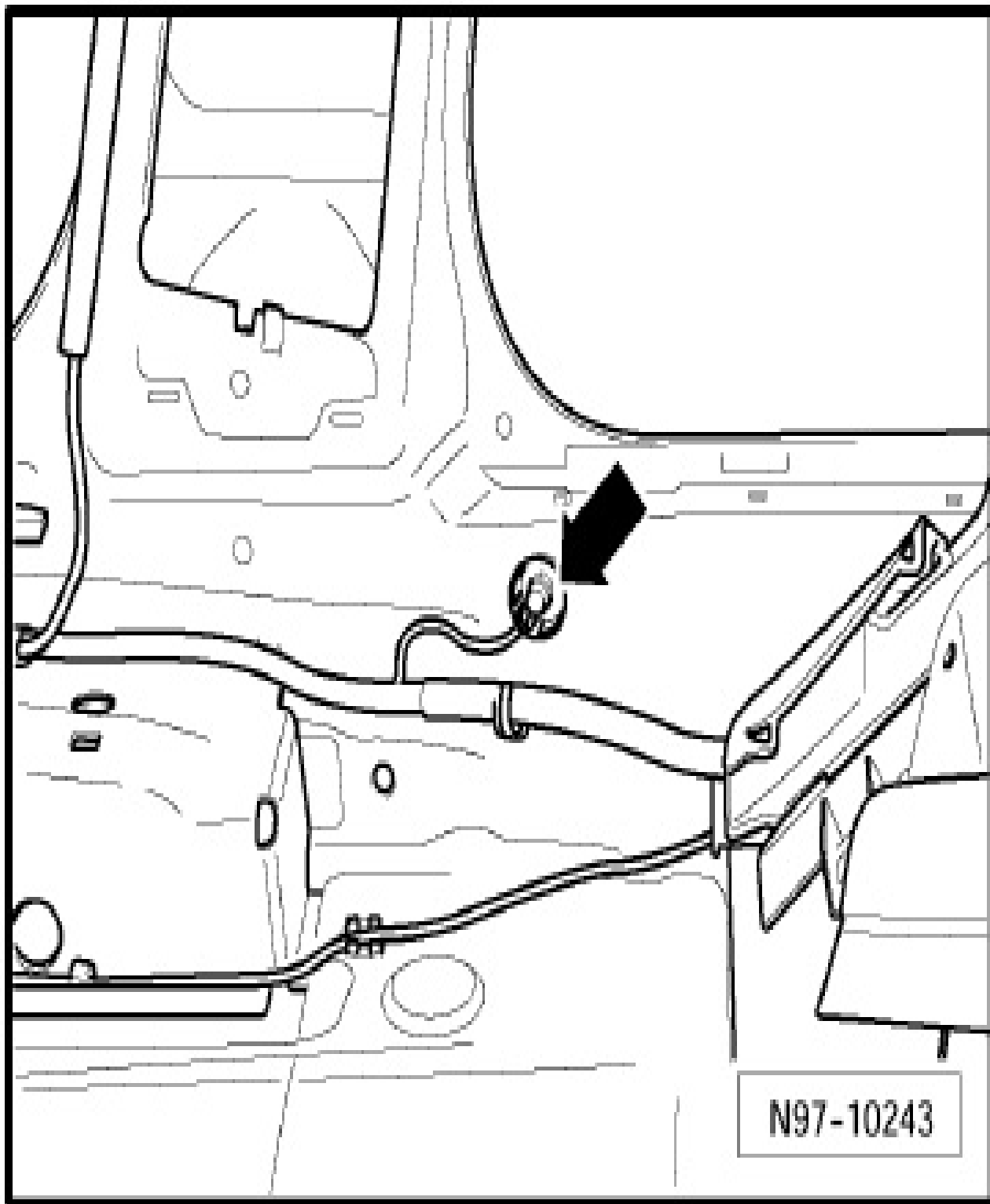


Earth point
1 on centre
687 tunnel -
arrow A-
Earth point
2 on centre
688 tunnel -
arrow B-

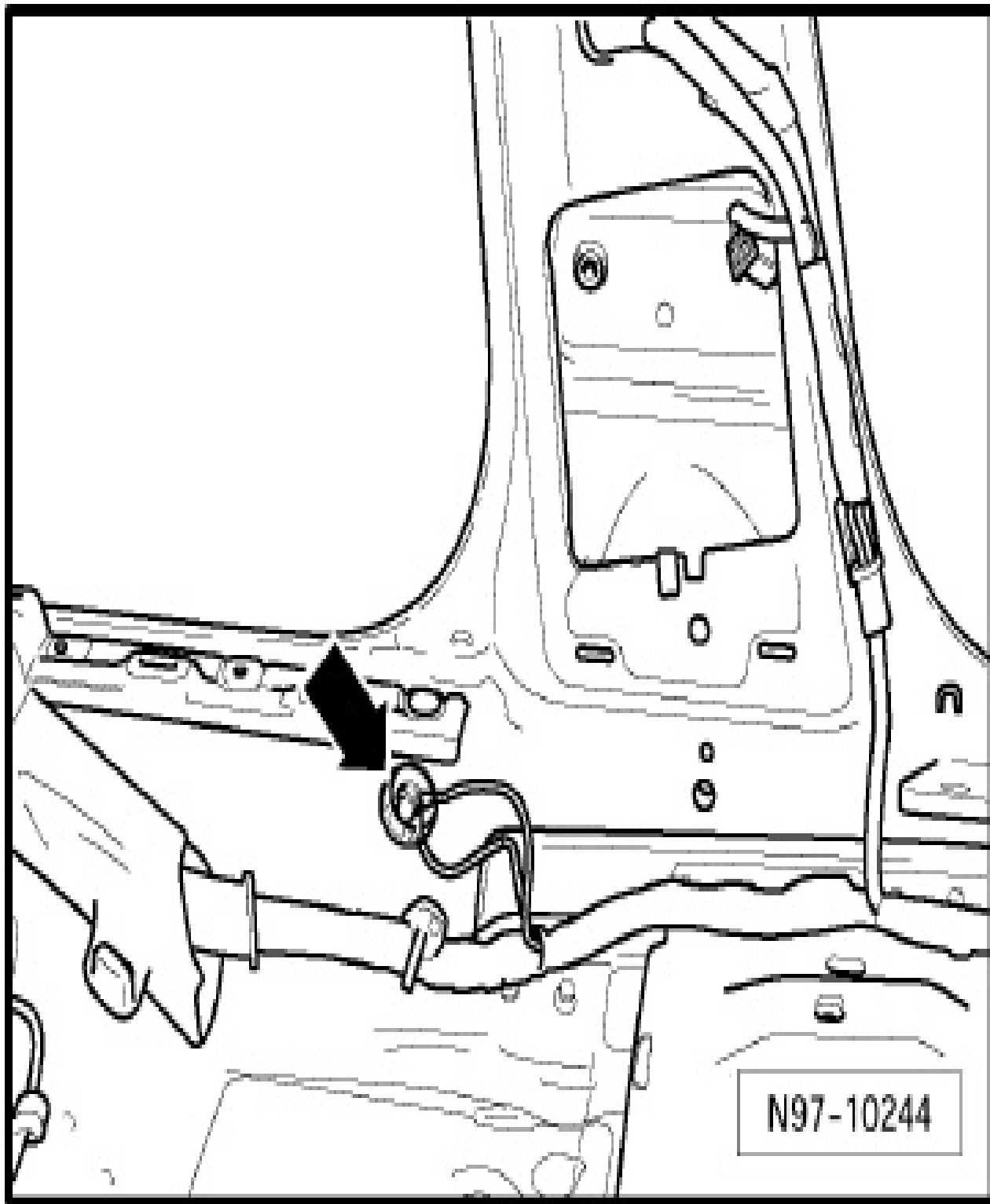


N97-10250

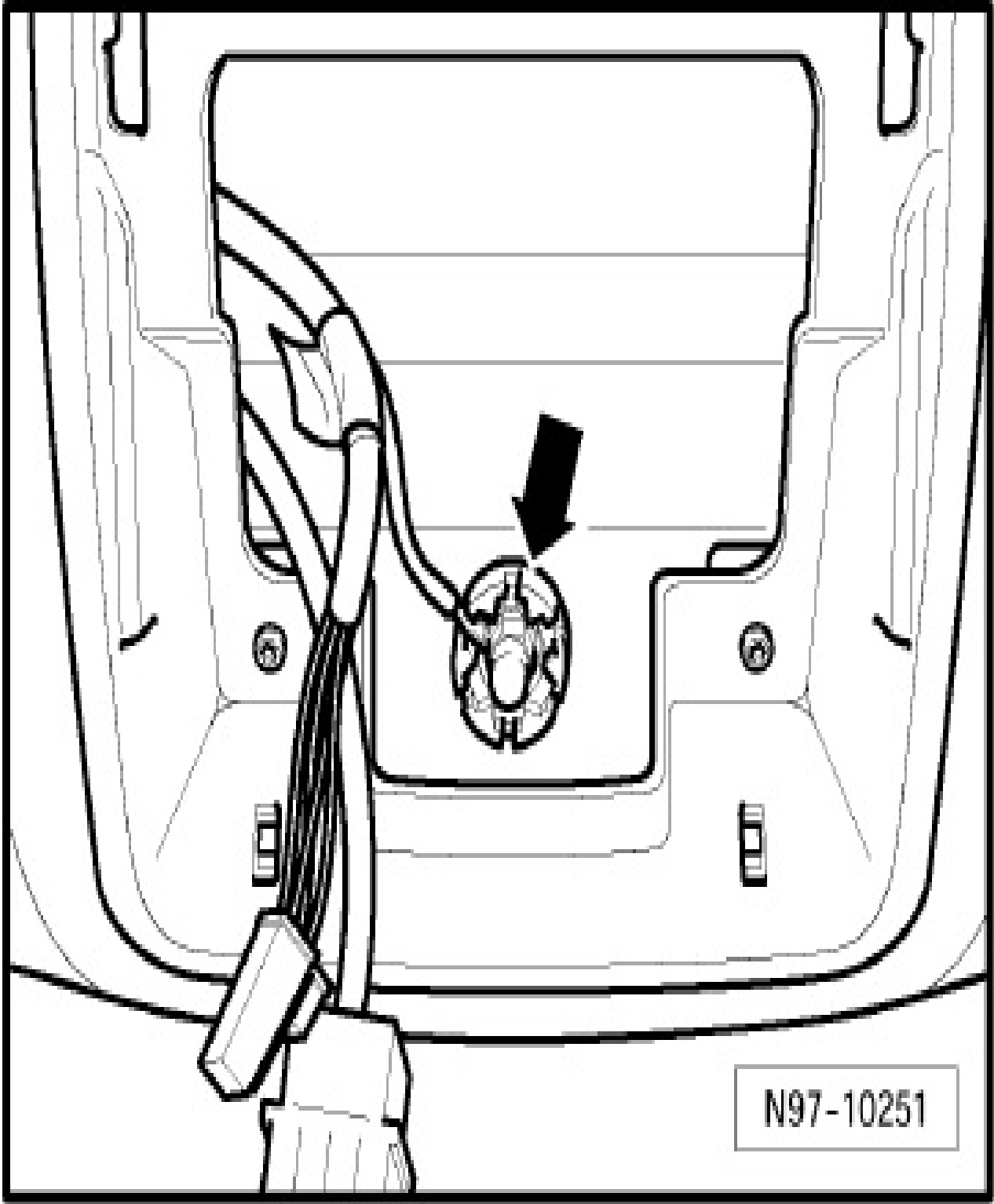
Earth point,
lower part of
78 right B-pillar -
arrow-



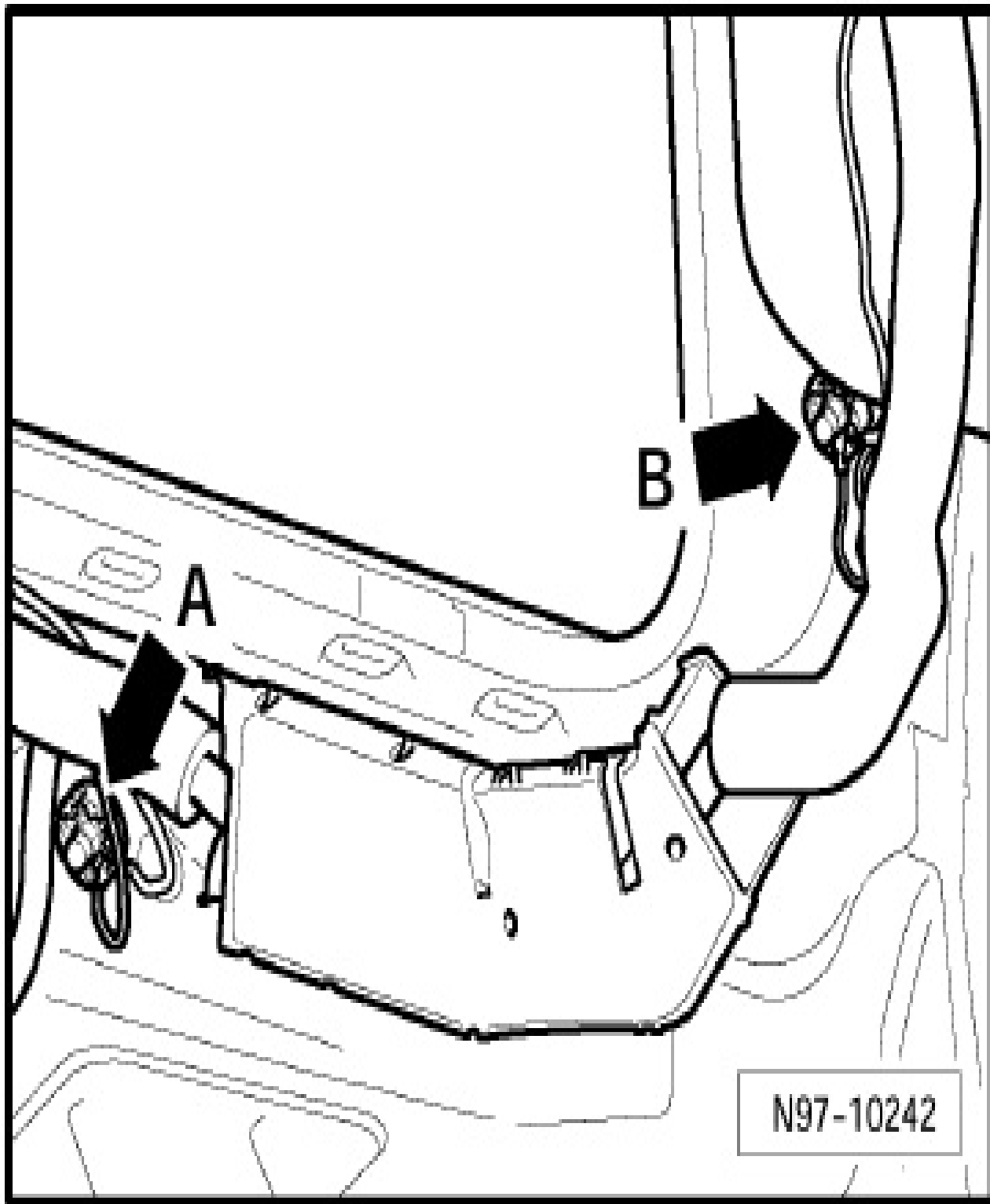
Earth point,
lower part of
77 left B-pillar -
arrow-



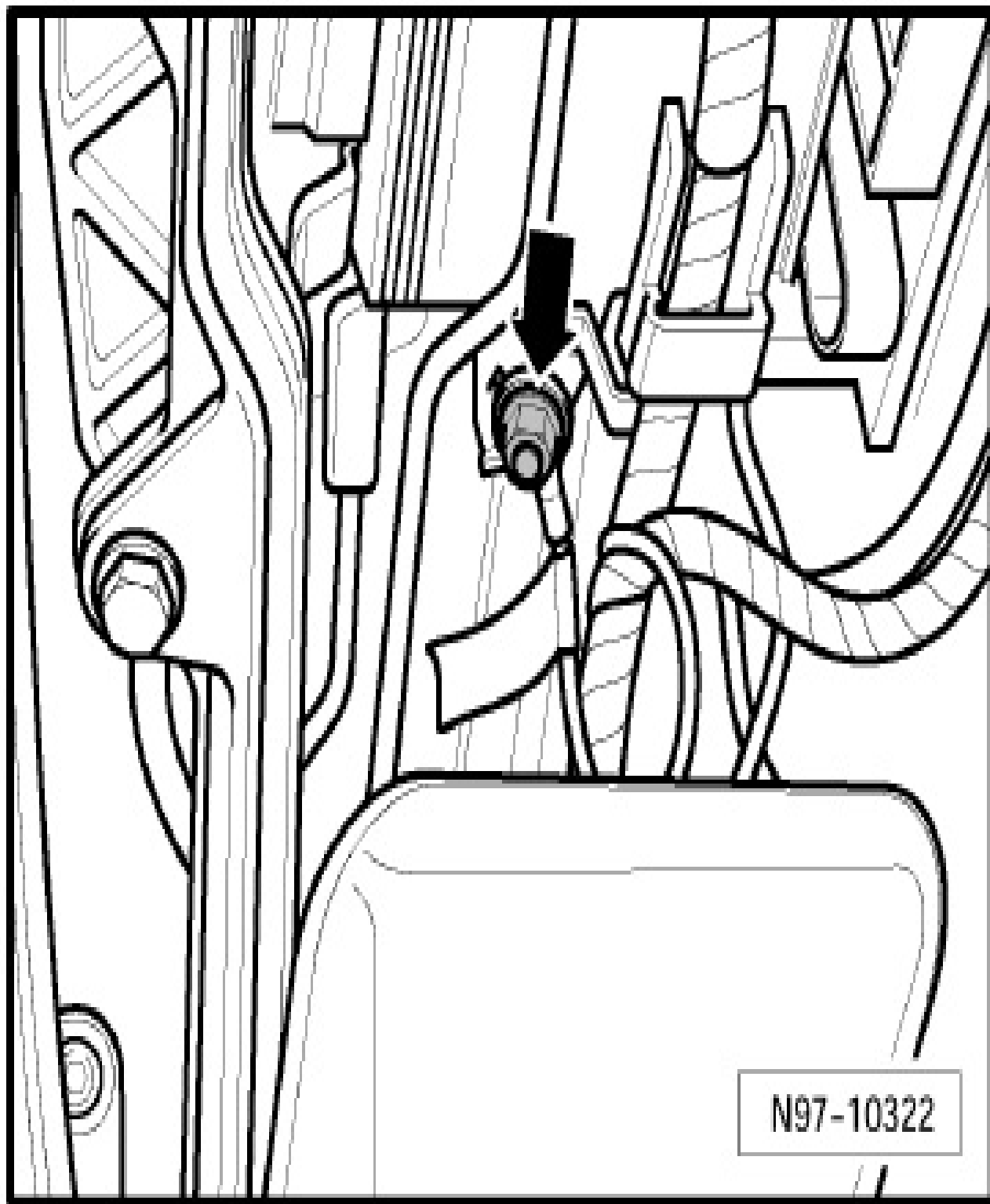
Earth point,
front centre
689 of roof -
arrow-



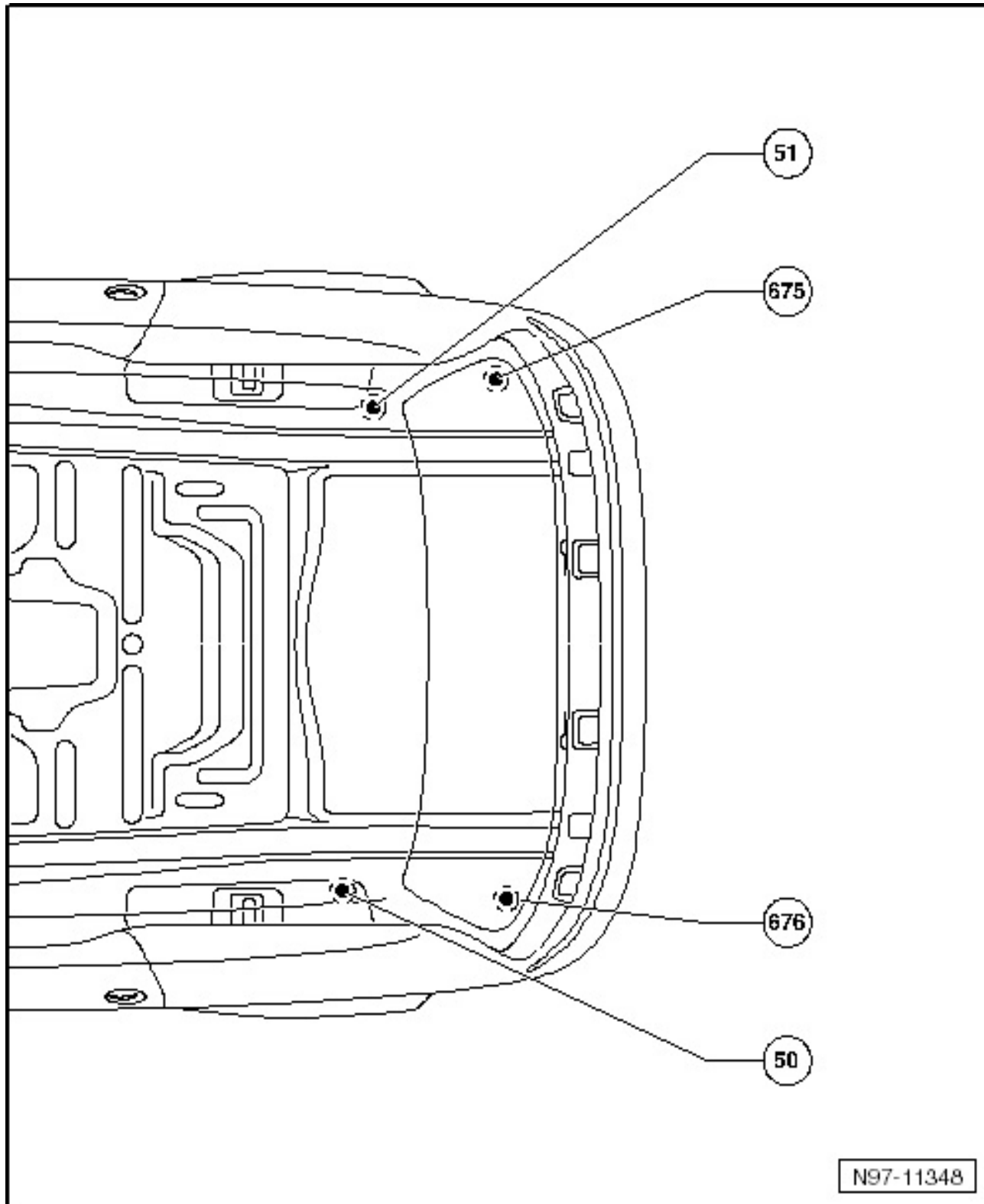
Earth point
on left A-
639 pillar -arrow
B-
Earth point
on front of
684 left side
member -
arrow A-



42 Earth point,
next to
steering
column -
arrow-



Overview of earth points in luggage compartment



2

51 Earth point, on right in luggage compartment

q Torque setting: 9Nm

q Fittings location

675 Earth point 2, on right in luggage compartment

q Torque setting: 9Nm

q Fittings location

676 Earth point 2, on left in luggage compartment

q Torque setting: 20Nm

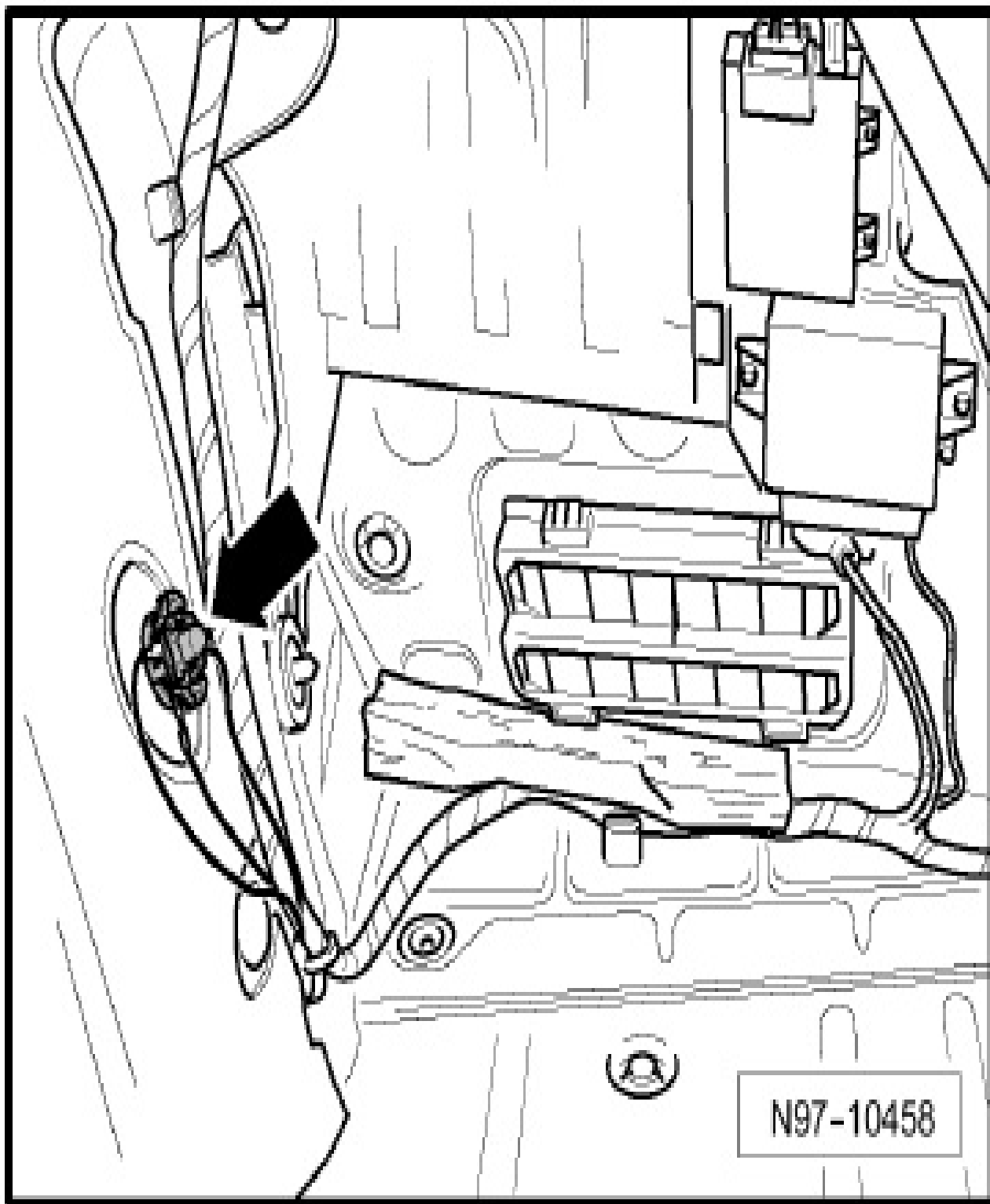
q Fittings location

50 Earth point, on left in luggage compartment

q Torque setting: 9Nm

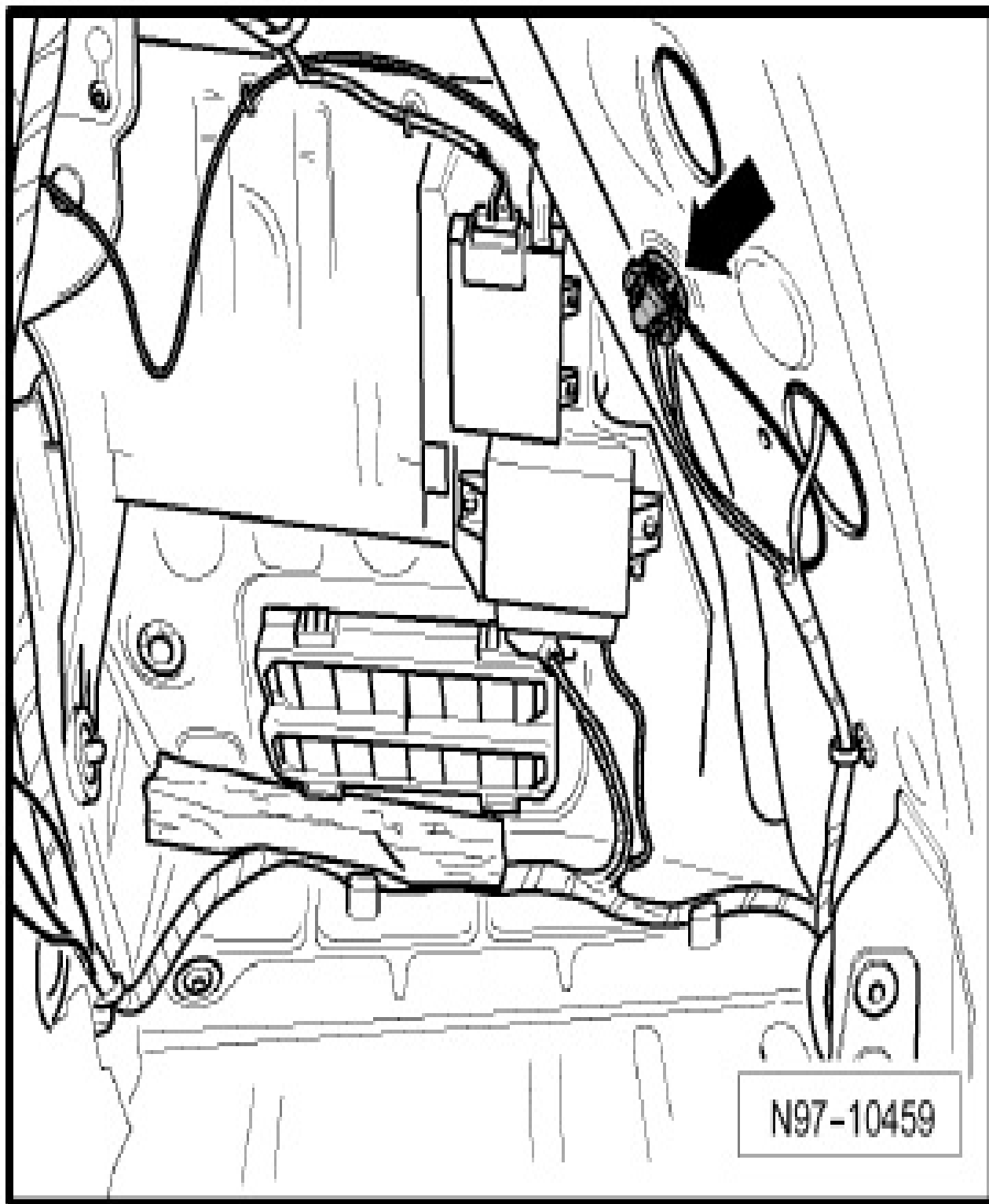
q Fittings location

51 Earth point on
right in
luggage
compartment
-arrow-

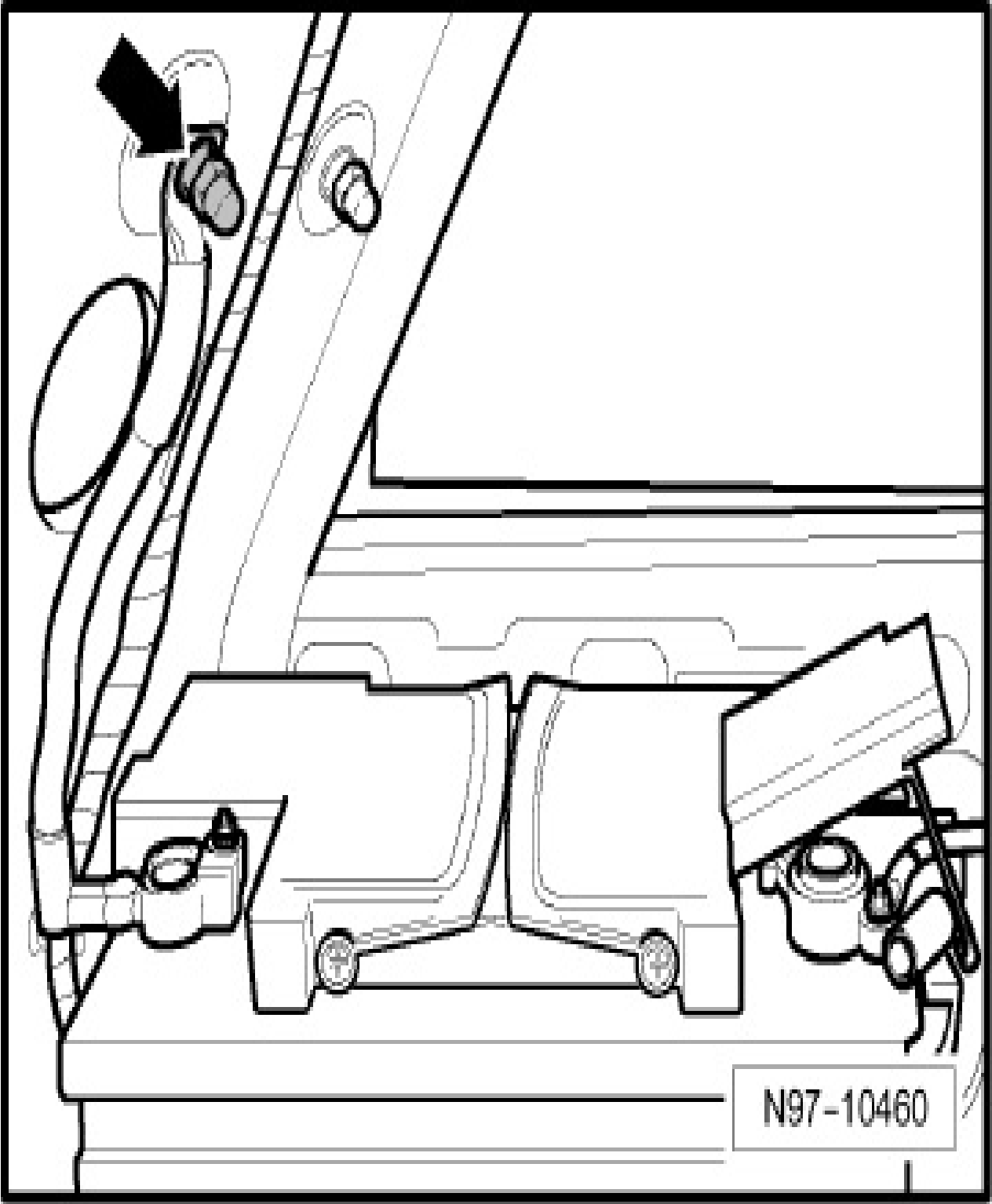


Earth point 2
on right in
luggage
compartment
-arrow-

Note
Earth point 675
is discontinued
from May 2006

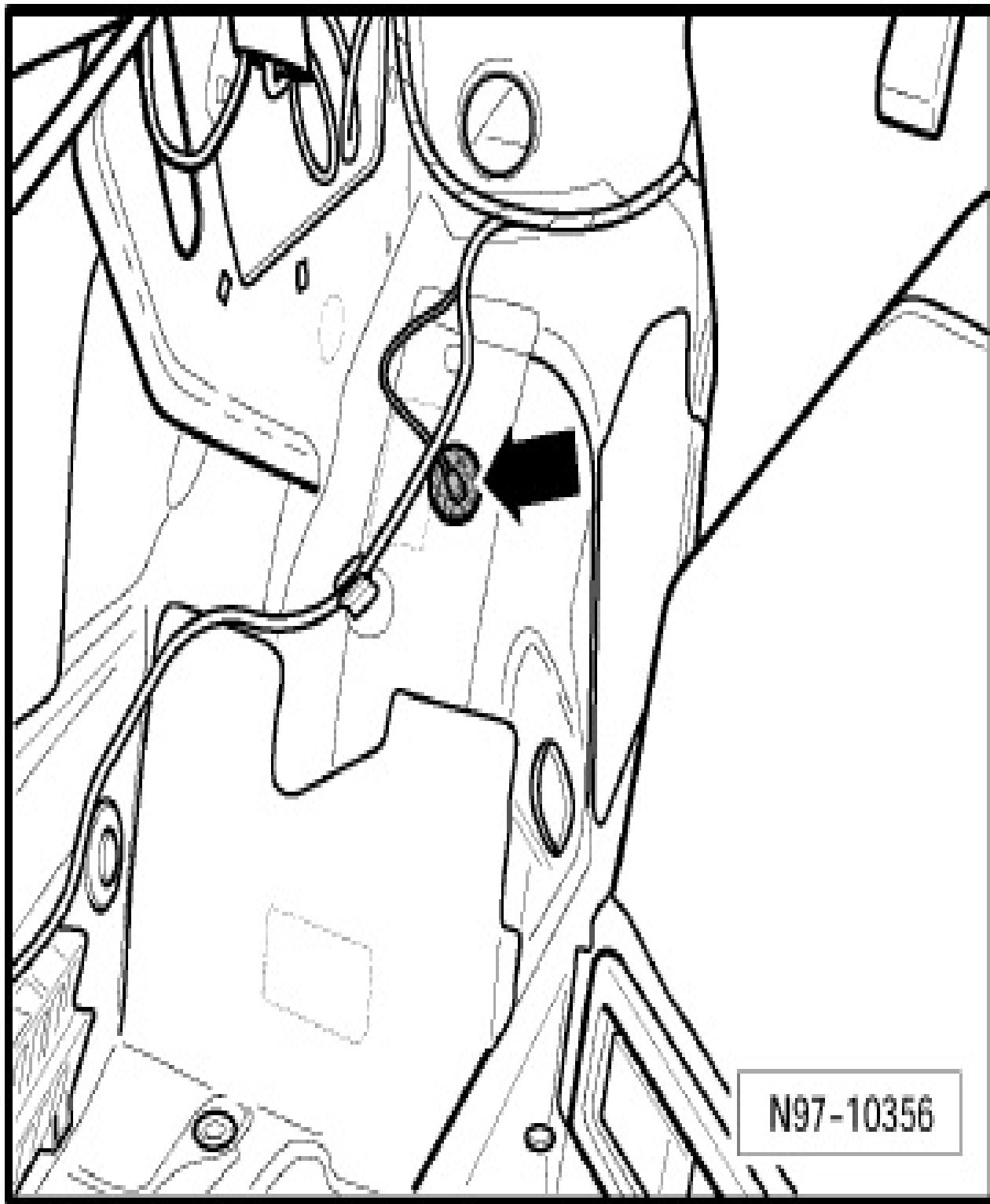


Earth point 2
on left in
luggage
compartment
-arrow-



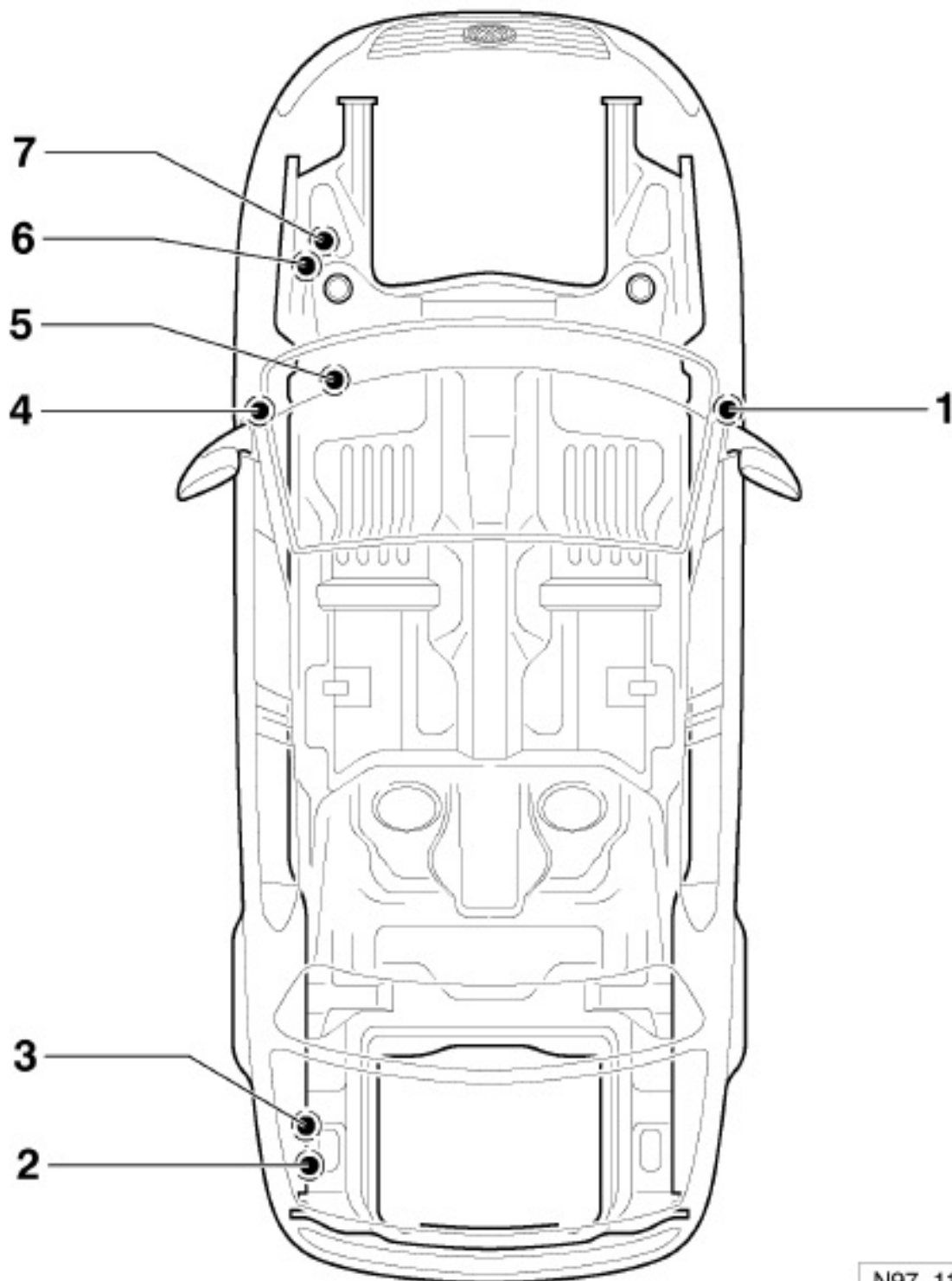
Earth point on
left in
luggage
compartment
-arrow-

50



VW PASSAT 2007 Overview of fuses

Overview of fuses



N97-11054

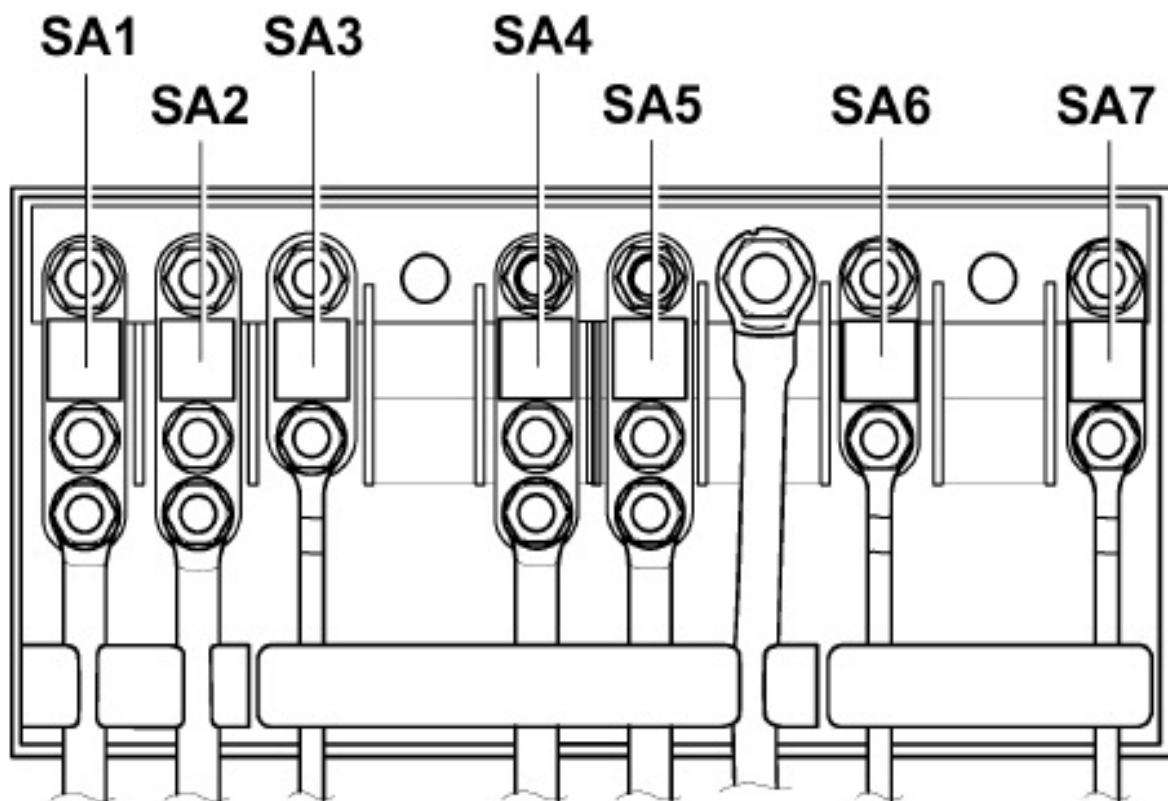
2

- q Fuse assignment to April 2008
- q Fitting locations, from May 2008
- q Fuse assignment, from May 2008
- q Fuse assignment
- q Fuse rating
- q Fuse assignment to April 2008
- q Fitting locations, from May 2008
- q Fuse assignment, from May 2008
- 5 - Circuit breakers on left under dash panel
- q Fuse assignment
- q Fuse assignment of E-box to April 2005 (not AXX, AXZ, BLV, BPY, BWA)
- q Fitting location of E-box high
- q Fuse assignment for E-box high

- q Fitting location of E-box low from May 2005
- q Fuse assignment of E-box low from May 2005
- q Fuse assignment on E-box high
- q Fitting location on E-box low
- q Fuse assignment on E-box low

Fuse holder A -SA- on fuse holder on E-Box high, in the engine compartment on the left

Fuse colours



N97-0510

?

- 40 A - orange
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue

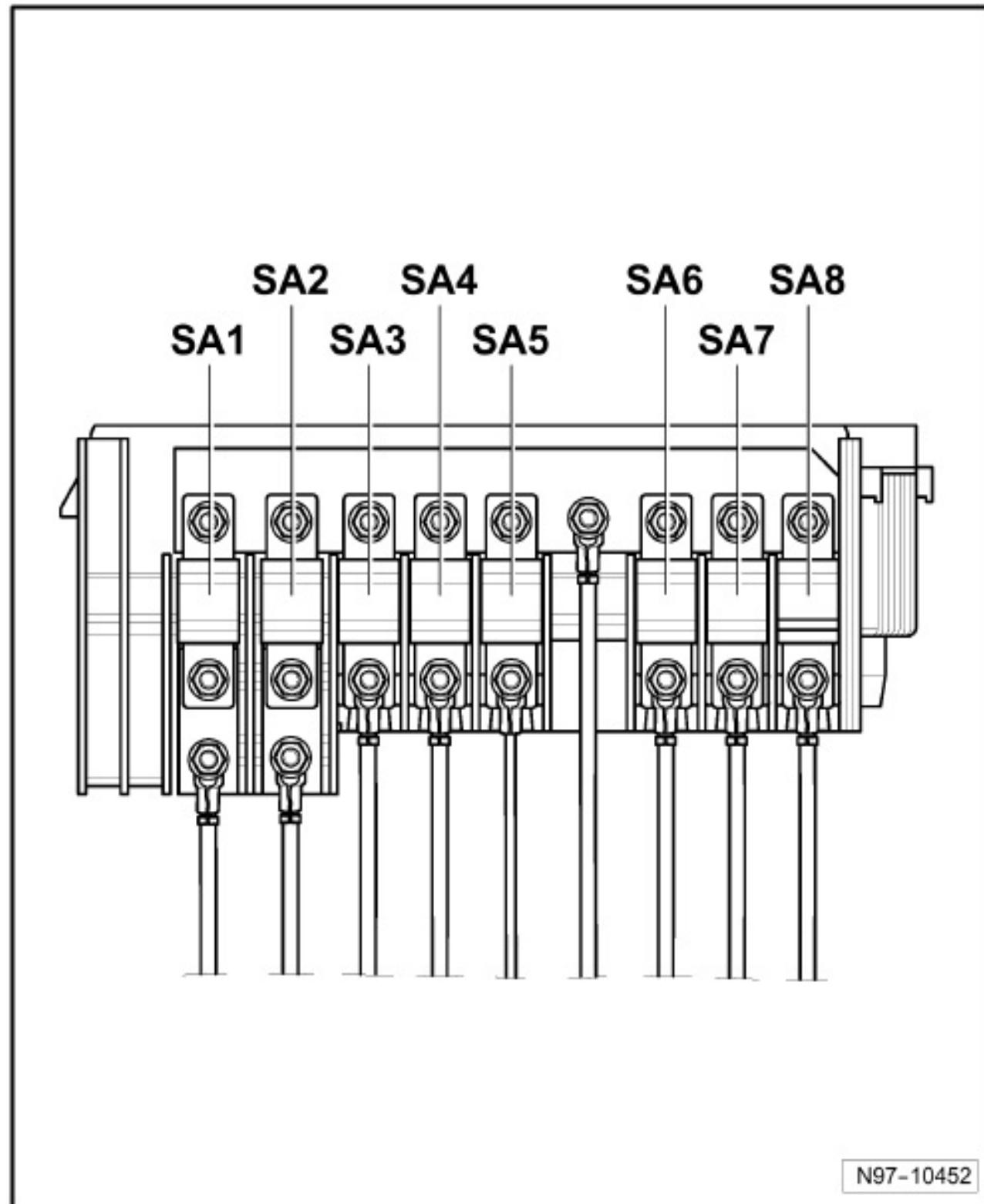
10 A - red
7.5 A - brown
5 A - beige
3 A - purple

Note:

Torque settings ⇒ Electrical system, Repair Group 97, Removing and installing fuse holders

Fuse holder A -SA- on fuse holder on E-box low, in the engine compartment on the left

Fuse colours



50 A - red
40 A - orange
30 A - green
25 A - white

20 A - yellow
 15 A - blue
 10 A - red
 7.5 A - brown
 5 A - beige
 3 A - purple

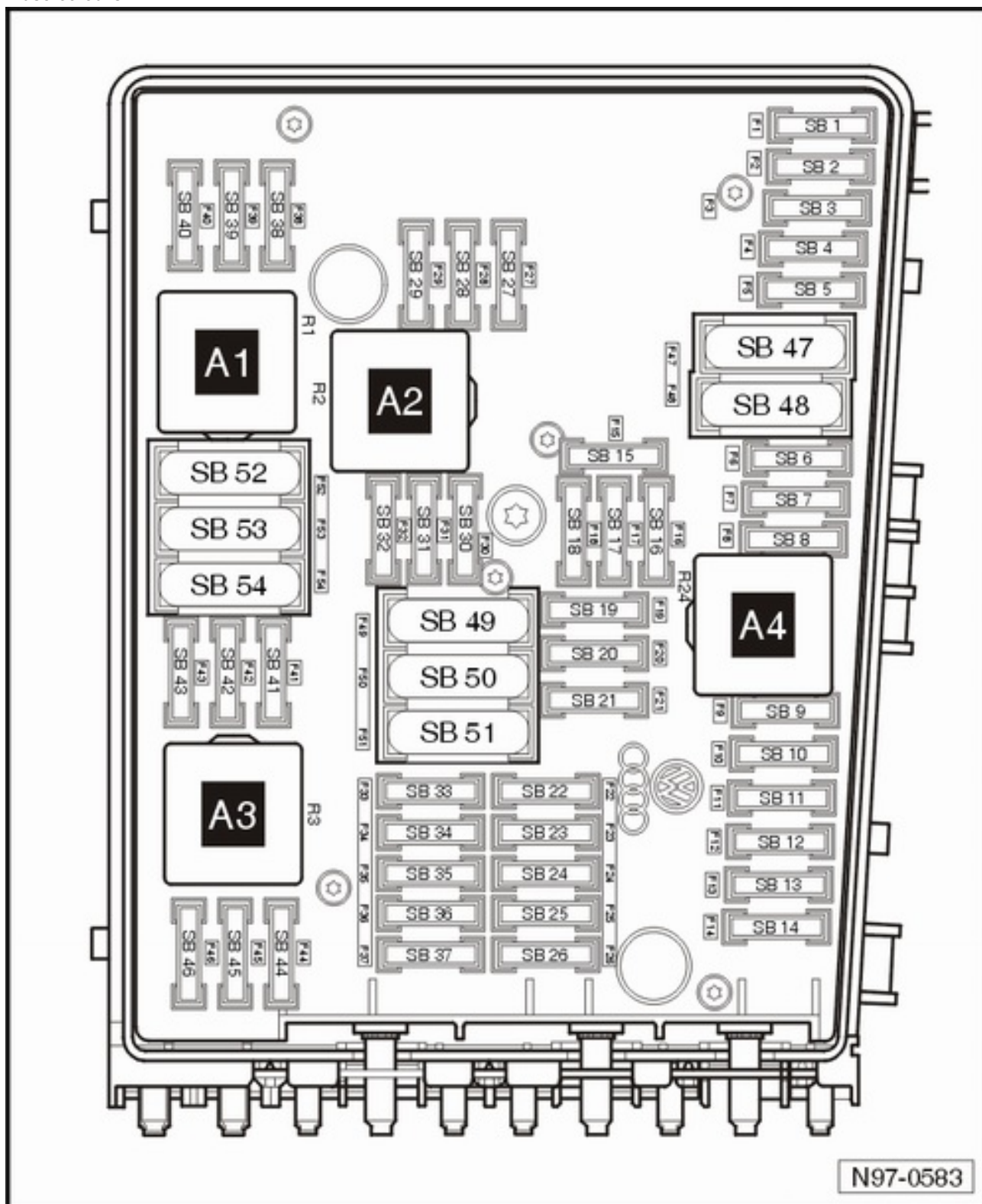
Note:

Torque settings ⇒ Electrical system, Repair Group 97, Removing and installing fuse holders

VW PASSAT 2007

Fuse holder B -SB- , on E-box on left in engine compartment (not AXX, AXZ, BLV, BPY, BWA) to 04.2005

Fuse colours

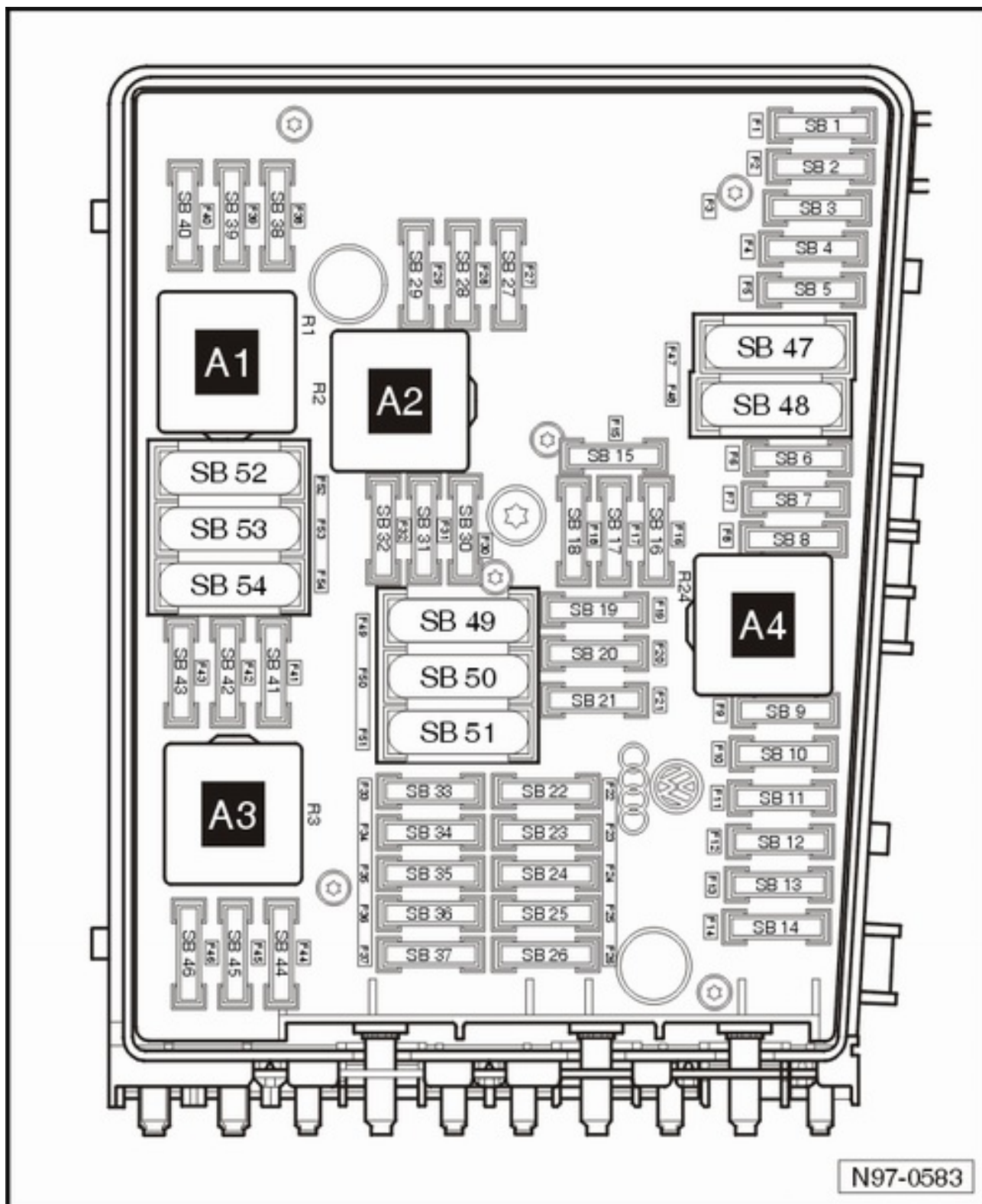


50 A - red
 40 A - orange
 30 A - green
 25 A - white
 20 A - yellow
 15 A - blue
 10 A - red
 7.5 A - brown
 5 A - beige
 3 A - purple

VW PASSAT 2007

Fuse holder B -SB- on E-box high, in the engine compartment, on the left

Fuse colours



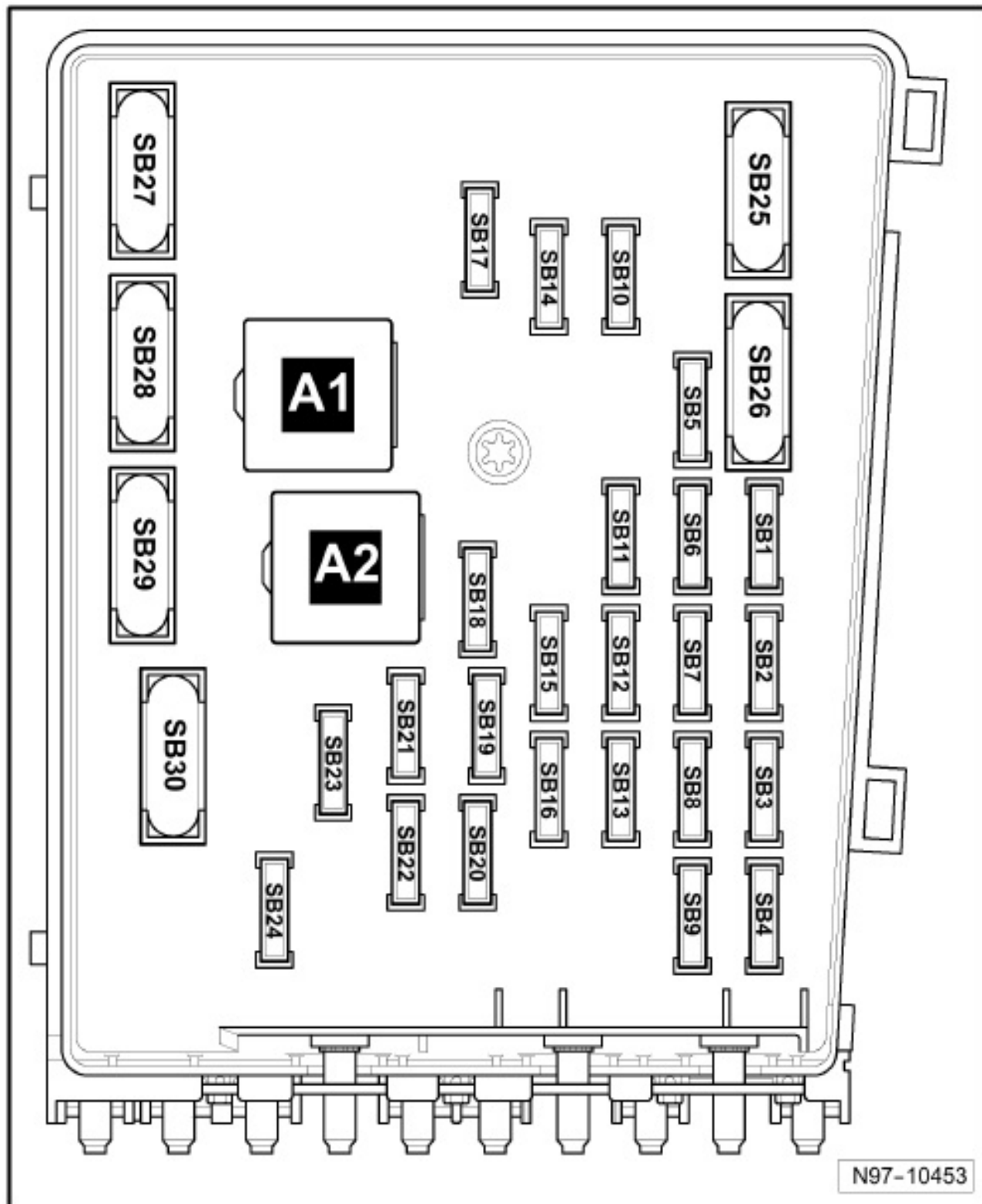


- 50 A - red
- 40 A - orange
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

Note:
Torque settings ⇒ Electrical system, Repair Group 97, Removing and installing fuse holders

VW PASSAT 2007 Fuse holder B -SB- on E-box low on left in engine compartment, from 05.2005

Fuse colours



2

- 50 A - red
- 40 A - orange
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

Note:

Torque settings ⇒ Electrical system, Repair Group 97, Removing and installing fuse holders

VW PASSAT 2007 Fuse assignment on E-box low, on left of engine compartment, from 05.2005

Fuse assignment on E-box low, on left of engine compartment, from 05.2005

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
F1	- Fuse 1 fuse holder B -SB1-	7.5A	- Multimedia system control unit -J650-	30
F2	- Fuse 2 fuse holder B -SB2-	30A	- ABS control unit -J104-	30
F3	- Fuse 3 on fuse holder B -SB3-	20A	- Treble tone horn -H2- Bass tone horn -H7- Onboard supply control unit -J519-	30
F4	- Fuse 4 on fuse holder B -SB4-	20A 25A	- Convenience system central control unit -J393-1) Trailer detector control unit -J345-2)	30
F5	- Fuse 5 fuse holder B -SB5-	5A	- Battery monitor control unit -J367- Onboard supply control unit -J519-	30
F6	- Fuse 6 fuse holder B -SB6-	5A 15A	- Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743-	30
F7	- Fuse 7 fuse holder B -SB7-	15A	- Radio -R- Control unit with display for TV, radio, navigation -J506- (Japan)	30
		20A	- Control unit with display for radio and navigation system -J503-	
		30A	- Voltage stabiliser -J532-	
F8	- Fuse 8 fuse holder B -SB8-	30A	- Mechatronic unit for dual clutch gearbox -J743-	30
F9	- Fuse 9 on fuse holder B -S9-	5A	- Steering column electronics control unit -J527-	30
F10	- Fuse 10 on fuse holder B -SB10-	20A	- Fuel pump relay -J17-3) Automatic glow period control unit -J179-3) N...-Ignition coils with final output stages (cylinders 1-4)	87
F11	- Fuse 11 on fuse holder B -SB11-	5A	- Control unit in dash panel insert -J285-7)	30
F12	- Fuse 12 on fuse holder B -SB12-	5A	- Mobile telephone operating electronics control unit - J412- Aerial selection control unit -J515-1) Operating unit for preparation for mobile telephone - E508-2) TV tuner -R78-4) Satellite digital radio tuner -R190-4)	30
F13	- Fuse 13 on fuse holder -SB13-	10A	- Main relay -J271- Terminal 30 voltage supply relay -J317- Engine control unit -J623-	30
F14	- Fuse 14 on fuse holder B -SB14-	30A	- Engine control unit -J623-3)	87
		25A	- Engine control unit -J623-8)	
F15	- Fuse 15 on fuse holder B -SB15-	10A 5 A6	- Data bus diagnostic interface -J533-	30
F16	- Fuse 16 on fuse holder B -SB16-	5A	- Secondary air pump relay -J299-	87
		10A	- Exhaust gas recirculation valve -N18-3) Charge pressure control solenoid valve -N75-3) Turbocharger air recirculation valve -N249-3) Intake manifold flap valve -N316- Exhaust gas recirculation cooler change-over valve - N345- Lambda probe heater -Z19- Lambda probe 2 heater -Z28-	
F17	- Fuse 17 on fuse holder B -SB17-	10A	- Fuel tank shut-off valve 1 -N361- Fuel tank shut-off valve 2 -N362- Fuel tank shut-off valve 3 -N363-	30
		40A	- Low heat output relay -J359-6)	
F18	- Fuse 18 on fuse holder B -SB18-	5A	- Low heat output relay -J359-6) High heat output relay -J360-6)	87
	-	10A	- Continued coolant circulation pump -V51-	
	-	30A	- Reducing-agent heater control unit -J891-	
F19	- Fuse 19 on fuse holder B -SB19-	30A	- Amplifier -R12- Special vehicles	30
F20	- Fuse 20 on fuse holder B -SB20-	5A	- Supplementary fuel pump relay -J832- Radiator fan control unit -J293-9 Automatic glow period control unit -J179-9)	87
	-	10A ¹⁰	- Clutch position sender -G476- Activated charcoal filter system solenoid valve 1 -N80- Camshaft control valve 1 -N205-	

				Turbocharger air recirculation valve -N249- Intake manifold flap valve -N316- Secondary air inlet valve -N112-	
	-		15A	Clutch position sender -G476- Fuel pressure regulating valve -N276-	
F21	- Fuse 21 on fuse holder B -SB21-	20A	-	Auxiliary heater control unit -J364-	30
F22	- Fuse 22 on fuse holder B -SB22-	30A	-	Wiper motor control unit -J400-	30
F23	- Fuse 23 on fuse holder B -SB23-	5A	-	Magnetic field sender for compass -G197- Automatic glow period control unit -J179-	87
	-	10A	-	Map-controlled engine cooling system thermostat -F265- Radiator fan control unit -J293- Activated charcoal filter system solenoid valve 1 -N80- Variable intake manifold change-over valve -N156- Camshaft control valve 1 -N205- Intake manifold flap valve -N316- Intake manifold flap motor -V157- Lambda probe heater -Z19- Lambda probe 1 heater after catalytic converter -Z29-	
F24	- Fuse 24 on fuse holder B -SB24-	10 A ⁵ 15 A ⁵	-	NOx sensor control unit -J583- Lambda probe heater -Z19- Lambda probe 1 heater after catalytic converter -Z29- Lambda probe 2 heater after catalytic converter -Z30- Lambda probe 3 heater after catalytic converter -Z64-	87
F25	- Fuse 25 on fuse holder B -SB25-	40A	-	Onboard supply control unit -J519- Left side light bulb -M1- Right headlight dipped beam bulb -M31- Right headlight main beam bulb -M32- Right tail light bulb -M2- (outer light ring) Left tail light bulb -M4- (inner light ring)	30
F26	- Fuse 26 on fuse holder B -SB26-	40A	-	Onboard supply control unit -J519- Right side light bulb -M3- Left headlight dipped beam bulb -M29- Left headlight main beam bulb -M30- Left tail light bulb -M4- (outer light ring) Right tail light bulb -M2- (inner light ring)	30
F27	- Fuse 27 on fuse holder B -SB27-	60A	-	Heated windscreen -Z2-	30
F28	- Fuse 28 on fuse holder B -SB28-	40A	-	Secondary air pump motor -V101-	30
	-	50A	-	Automatic glow period control unit -J179- ³⁾	
F29	- Fuse 29 on fuse holder B -SB29-	50A	-	Onboard supply control unit -J519- X-contact relief relay -J59-	30
F30	- Fuse 30 on fuse holder B -SB30-	50A	-	Onboard supply control unit -J519-	30

¹⁾ To April 2006

²⁾ From May 2006

³⁾ Only models with diesel engines

⁴⁾ From November 2008

⁵⁾ Depends on equipment

⁶⁾ From November 2006

⁷⁾ Only models with start/stop system

⁸⁾ Only models with a petrol engine

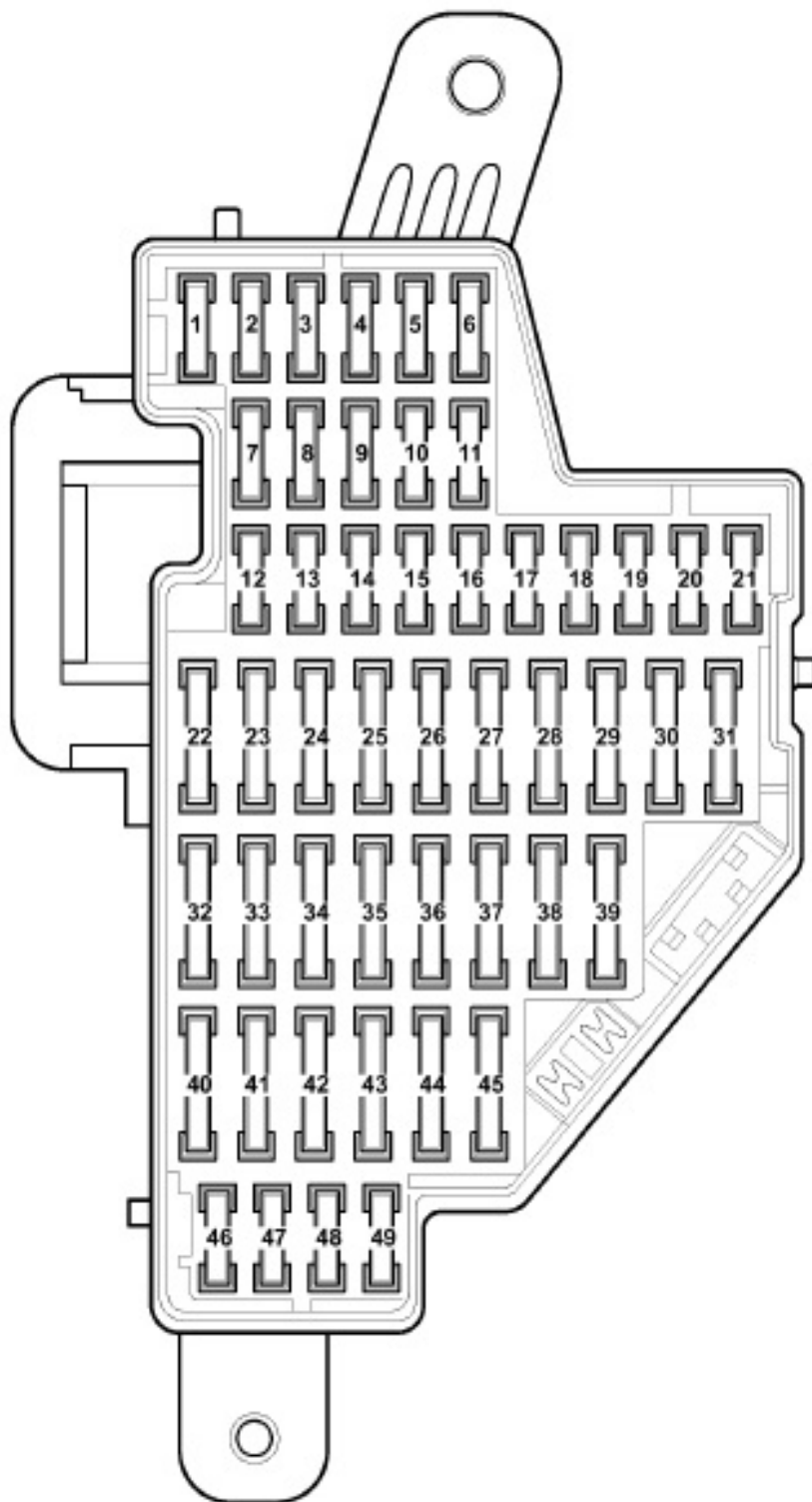
⁹⁾ Only engine code CBAC

¹⁰⁾ Only engine code CBFA

VW PASSAT 2007

Fuse holder C -SC- , dash panel on driver side, to April 2008

Fuse colours



N97-0582

2

- 50 A - red
- 40 A - orange
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

VW PASSAT 2007

Fuse assignment on fuse holder C, on driver's side of dash panel, to April 2008

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	Fuse 1 on fuse holder C -SC1-	10A	Diagnosis connection -T16-	15
2	- Fuse 2 on fuse holder C -SC2-	5A	-TCS and ESP button -E256- -AUTOHOLD button -E540-	15
3	- Fuse 3 on fuse holder C -SC3-	5A	-Power steering control unit -J500-	15
4	- Fuse 4 on fuse holder C -SC4-	5A	- Brake light switch -F-	15
5	- Fuse 5 on fuse holder C -SC5-	10A	- Headlight range control regulator -E102- Power output module for left headlight -J667- Left headlight range control motor -V48- Right headlight range control motor -V49-	15
6	- Fuse 6 on fuse holder C -SC6-	5A	- Trailer detector control unit -J345-	15
7	- Fuse 7 on fuse holder C -SC7-	5A	- Control unit in dash panel insert -J285- Data bus diagnostic interface -J533-	15
8	- Fuse 8 on fuse holder C -SC8-	5A	- Rear roller blind switch -E149-1) Garage door operating unit -E284-1) Rear roller blind control unit -J262-1) Automatic anti-dazzle interior mirror -Y7-	15
9	Fuse 9 on fuse holder C -SC9-	10A	- All-wheel drive control unit -J492-	15
10	- Fuse 10 on fuse holder C -SC10-	5A	- Main relay -J271- Engine control unit -J623- Motronic current supply relay 2 -J670-	15
11	- Fuse 11 on fuse holder C -SC11-	5A	- Crash data recorder button -E497- (Police) Taximeter -G41- (Taxi) Mirror taxi meter -G511- (Taxi) Crash data recorder -J754- Tachograph coupling point (Police) Special signal system coupling point (Police) Warning buzzer for pedal switch on front passenger side -F349- (Driving school)	15
12	- Fuse 12 on fuse holder C -SC12-	10A	- Driver door control unit -J386- Rear right door control unit -J389-2)	30
13	- Fuse 13 on fuse holder C -SC13-	10A	- Lighting switch -E1- Diagnosis connection -T16-	30
14	- Fuse 14 on fuse holder C -SC14-	5A	- Electronic steering column lock control unit -J764-	30
15	- Fuse 15 on fuse holder C -SC15-	5A	- Onboard supply control unit -J519- (30g) Front interior light -W1-	30
16	- Fuse 16 on fuse holder C -SC16-	10A	- Electronic ignition lock -D9-	30
17	- Fuse 17 on fuse holder C -SC17-	10A	- Interior monitor send and receive module 1 -G303- Rain and light sensor -G397- Vehicle inclination sender -G384- Alarm horn -H12- Remote control receiver for auxiliary coolant heater -R149-	30
18	- Fuse 18 on fuse holder C -SC18-	-	- Vacant	-
19	- Fuse 19 on fuse holder C -SC19-	-	- Vacant	-
20	- Fuse 20 on fuse holder C -SC20-	-	- Vacant	-
21	- Fuse 21 on fuse holder C -SC21-	-	- Vacant	-
22	- Fuse 22 on fuse holder C -SC22-	10A 5A	- Air mass meter -G70- Electric fuel pump 2 relay -J49-	15
23	- Fuse 23 on fuse holder C -SC23-	10A	- Heater element for crankcase breather -N79- (cold-climate countries)	15
24	- Fuse 24 on fuse holder C -SC24-	5 A 20 A ³	- Reversing light switch -F4- Multifunction switch -F125- Automatic gearbox control unit -J217- Mechatronic unit for dual clutch gearbox -J743-	15
25	- Fuse 25 on fuse holder C -SC25-	10A	- Injectors -N....-4) Garage door operating unit -E284-5)	15
26	- Fuse 26 on fuse holder C -SC26-	10A	- Rear roller blind switch -E149-6) Rear roller blind control unit -J262-6)	15
27	- Fuse 27 on fuse holder C -SC27-	5A	- Fresh air blower relay -J13-7) Climatronic control unit -J255-8)	15
28	- Fuse 28 on fuse holder C -SC28-	20A	- Trailer detector control unit -J345-2)	30
29	- Fuse 29 on fuse holder C -SC29-	20A	- Trailer detector control unit -J345- (left tail light, brake light, right/left turn signal) ⁵ Control unit for electromechanical parking brake -J540-2)	30
30	- Fuse 30 on fuse holder C -SC30-	15A	- Trailer detector control unit -J345- (right tail light, rear fog light, reversing lights) ⁵⁾ Control unit for electromechanical parking brake -J540-2)	30

31	- Fuse 31 on fuse holder C -SC31-	25A 15 A ⁹	- Trailer detector control unit -J345- ⁵⁾ Fuel pump relay -J17- Electric fuel pump 2 relay -J49- Fuel pump control unit -J538- ⁹⁾	30
32	- Fuse 32 on fuse holder C -SC32-	30A	- Onboard power supply control unit -J519- (heated rear window)	30
33	- Fuse 33 on fuse holder C -SC33-	20A	- Sliding sunroof control unit -J245-	30
34	- Fuse 34 on fuse holder C -SC34-	15A	- Fuel system pressurisation pump -G6-	30
35	- Fuse 35 on fuse holder C -SC35-	30A 25 A ⁹	- Headlight washer system relay -J39- Headlight washer system pump -V11-	30
36	- Fuse 36 on fuse holder C -SC36-	20A	- Auxiliary heater operation relay -J485- ¹⁰⁾	30
37	- Fuse 37 on fuse holder C -SC37-	25A	- Heated front seats control unit -J774-	30
38	- Fuse 38 on fuse holder C -SC38-	15A	- Trailer detector control unit -J345- ²⁾ Cigarette lighter -U1- ⁵⁾ Rear cigarette lighter -U9- ⁵⁾	30
39	- Fuse 39 on fuse holder C -SC39-	40A	- Fresh air blower control unit -J126- (Climatronic) Air conditioning system control unit -J301-	30
40	- Fuse 40 on fuse holder C -SC40-	5A	- Lighting switch -E1-	75
41	- Fuse 41 on fuse holder C -SC41-	40 A ⁵ 15A	- Fresh air blower -V2- ⁵ Fresh air blower relay -J13- ⁵⁾ Cigarette lighter -U1- ²⁾ Rear cigarette lighter -U9- ²⁾	75
42	- Fuse 42 on fuse holder C -SC42-	15A	- Windscreen and rear window washer pump -V59- Rear window wiper motor -V12-	75
43	- Fuse 43 on fuse holder C -SC43-	20A	- Auxiliary heater control unit -J364-	30
44	- Fuse 44 on fuse holder C -SC44-	20A	- Auxiliary heater operation relay -J485-	30
45	- Fuse 45 on fuse holder C -SC45-	25A	- 12V socket -U5- 12V socket 3 -U19- ¹¹⁾	30
46	- Fuse 46 on fuse holder C -SC46-	5A	- 2-way radio unit switch -E72- Engine continues to run with no key button -E489- Crash data recorder -J754- Tachograph coupling point	30
47	- Fuse 47 on fuse holder C -SC47-	15A	- Taxi meter -G41- ¹¹⁾ Mirror taxi meter -G511- ¹¹⁾ Taxi roof sign warning lamp -K222- ¹¹⁾ Interior light warning lamp -K224- ¹¹⁾ Taxi silent alarm bulb -L128- ¹¹⁾ Alarm button illumination lamp -L180- ¹¹⁾ Luggage compartment light on left -W18- ¹²⁾ Two-way radio coupling point, in luggage compartment ¹²⁾ ¹³⁾ Glove compartment coupling point ¹¹⁾ Luggage compartment coupling point ¹¹⁾	30
48	- Fuse 48 on fuse holder C -SC48-	20A	- Charger coupling point ¹²⁾	75
49	- Fuse 49 on fuse holder C -SC49-		- Vacant	

¹⁾ To May 2005

²⁾ From May 2006

³⁾ Only for automatic gearbox

⁴⁾ To November 2005

⁵⁾ To April 2006

⁶⁾ From May 2005

⁷⁾ Only Climatic with supplementary coolant heater

⁸⁾ Only models with no supplementary coolant heater

⁹⁾ From November 2006

¹⁰⁾ Not with Climatronic

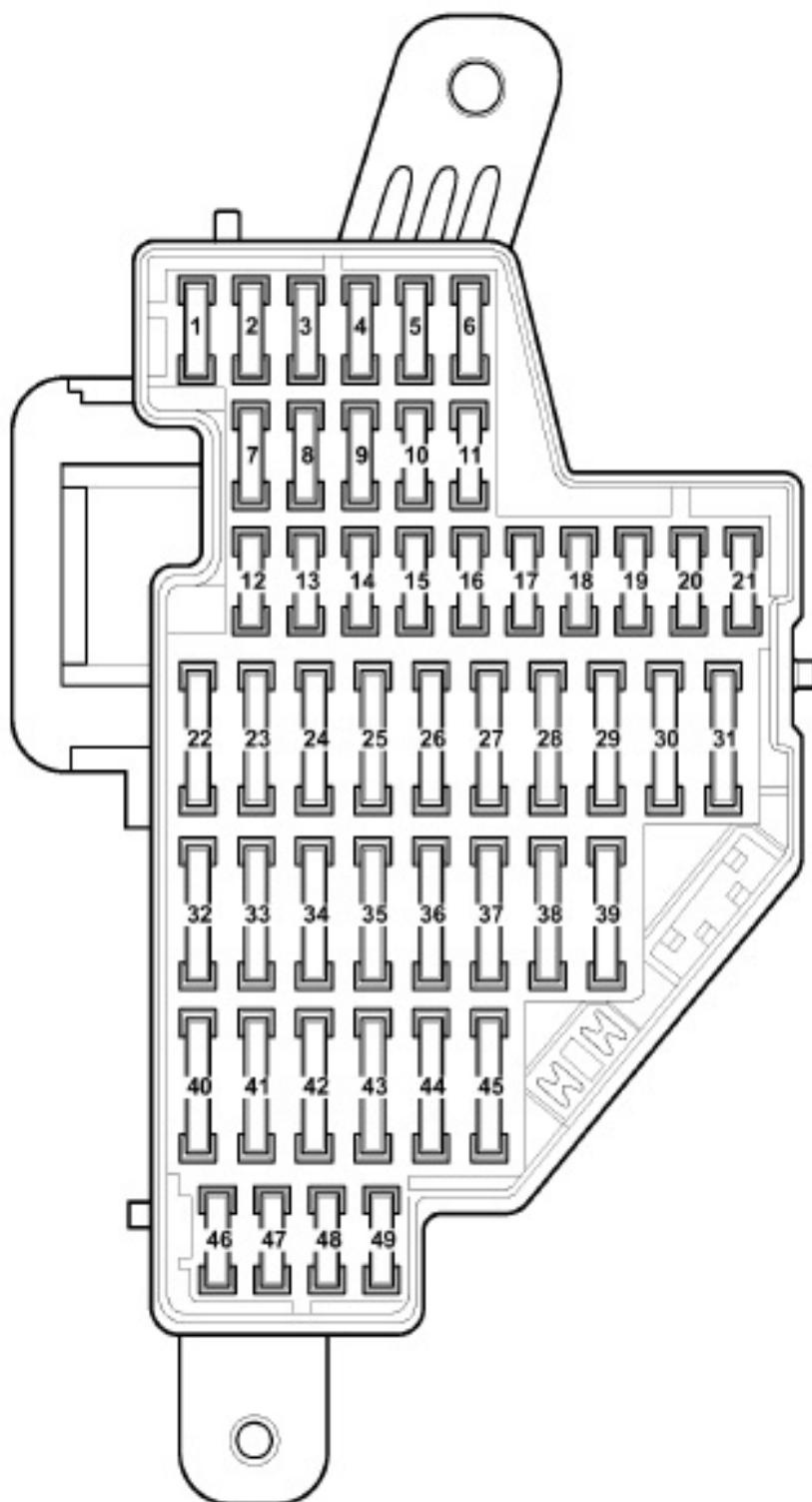
¹¹⁾ Only models with taxi equipment from May 2005

¹²⁾ Only models with police equipment from May 2005

¹³⁾ Only models with crime investigation equipment from May 2005

VW PASSAT 2007

Fuse holder C -SC- , dash panel on driver side, from May 2008



N97-0582

2

- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

Fuse assignment on fuse holder C -SC- , on driver side of dash panel, from May 2008

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	Fuse 1 on fuse holder C -SC1-	10A	Rear roller blind switch -E149- Rear roller blind motor -V91-	15
2	- Fuse 2 on fuse holder C -SC2-	5A	TCS and ESP button -E256- AUTOHOLD button -E540- - ABS control unit -J104- Control unit for electromechanical parking brake -J540-	15
3	- Fuse 3 on fuse holder C -SC3-	5A	- Lighting switch -E1- Brake light switch -F- Oil level and oil temperature sender -G266- Power steering control unit -J500-	15
4	- Fuse 4 on fuse holder C -SC4-	5A	- Electronically controlled damping control unit -J250- Trailer detector control unit -J345- Control unit for bend lighting and headlight range control -J745- Diagnosis connection -T16-	15
5	- Fuse 5 on fuse holder C -SC5-	10A	- Switch and instrument illumination regulator -E20- Headlight range control regulator -E102- Power output module for left headlight -J667- Left headlight range control motor -V48-	15
6	- Fuse 6 on fuse holder C -SC6-	10A	- All-wheel drive control unit -J492-	15
7	- Fuse 7 on fuse holder C -SC7-	5A	- Control unit in dash panel insert -J285- Data bus diagnostic interface -J533-	15
8	- Fuse 8 on fuse holder C -SC8-	10A	- Power output module for right headlight -J668- Right headlight range control motor -V49-	15
9	Fuse 9 on fuse holder C -SC9-	10A	- Airbag control unit -J234- Seat occupied recognition control unit -J706- Front passenger side airbag deactivated warning lamp -K145-	15
10	- Fuse 10 on fuse holder C -SC10-	10A	- Tiptronic switch -F189- Air mass meter -G70- Fuel pump control unit -J538- Main relay -J271- Engine control unit -J623- Motronic current supply relay 2 -J670-	15
11	- Fuse 11 on fuse holder C -SC11-	5A	- Crash data recorder button -E497- (Police) Taximeter -G41- (Taxi) Mirror taxi meter -G511- (Taxi) Crash data recorder -J754- Tachograph coupling point (Police) Special signal system coupling point (Police) Warning buzzer for pedal switch on front passenger side -F349- (Driving school)	15
12	- Fuse 12 on fuse holder C -SC12-	10A	- Driver door control unit -J386- Front passenger door control unit -J387-	30
13	- Fuse 13 on fuse holder C -SC13-	10A	- Lighting switch -E1- Tiptronic switch -F189- Diagnosis connection -T16-	30
14	- Fuse 14 on fuse holder C -SC14-	10A	- Alarm horn relay -J641- (only for USA and Canada) Alarm horn -H12-	30
15	- Fuse 15 on fuse holder C -SC15-	5A	- Onboard supply control unit -J519- (30g) Front interior light -W1- Interior monitor send and receive module 1 -G303-	30
16	- Fuse 16 on fuse holder C -SC16-	10A	- Electronic ignition lock -D9- Electronic steering column lock control unit -J764-	30
17	- Fuse 17 on fuse holder C -SC17-	5A	- Electromechanical parking brake button -E538- ABS control unit -J104-	30
18	- Fuse 18 on fuse holder C -SC18-	10A	- Heater element for crankcase breather -N79- (cold-climate countries)	15
19	- Fuse 19 on fuse holder C -SC19-	7.5A	- Adaptive cruise control unit -J428- Parking aid control unit -J446- Lane departure warning control unit -J759- Park assist steering control unit -J791-	-
20	- Fuse 20 on fuse holder C -SC20-	5A	- Garage door operating unit -E284- (not right-hand drive)	15
21	- Fuse 21 on fuse holder C -0ASC21-Fuse 20 on fuse holder C -SC20-	10A	- Automatic anti-dazzle interior mirror -Y7- Heated rear left seat switch with regulator -E128- Heated rear right seat switch with regulator -E129- High-pressure sender -G65- Air quality sensor -G238- Fresh air blower relay -J13- Left washer jet heater element -Z20- Right washer jet heater element -Z21- Air conditioning system control unit -J301- Voltage monitoring relay -J813- (RSE Multimedia system)	15

22	- Fuse 22 on fuse holder C -SC22-	20A	- Control unit for electromechanical parking brake -J540-	30
23	- Fuse 23 on fuse holder C -SC23-	15A	- Trailer detector control unit -J345-	30
24	- Fuse 24 on fuse holder C -SC24-	20A	- Control unit for electromechanical parking brake -J540-	30
25	- Fuse 25 on fuse holder C -SC25-	20A	- Trailer detector control unit -J345-	30
26	- Fuse 26 on fuse holder C -SC26-	15A	- Electronically controlled damping control unit -J250-	30
27	- Fuse 27 on fuse holder C -SC27-	15A ¹⁾ 20A ²⁾	- Fuel pump relay -J17-2) Electric fuel pump 2 relay -J49-2) Fuel pump control unit -J538-1) Relay for supplementary fuel pump -J832-2)	30 ¹⁾ 15 ²⁾
28	- Fuse 28 on fuse holder C -SC28-	10A	- Rear left door control unit -J388- Rear right door control unit -J389- Convenience system central control unit -J393-	30
29	- Fuse 29 on fuse holder C -SC29-	25A	- Heated rear seats control unit -J786-	30
30	- Fuse 30 on fuse holder C -SC30-	20A	- Sliding sunroof control unit -J245-	30
31	- Fuse 31 on fuse holder C -SC31-	30A	- DC/AC converter with socket, 12V-230V -U13- Converter with socket, 12V-115V -U27- (only for American markets)	30
32	- Fuse 32 on fuse holder C -SC32-	30A	- Onboard power supply control unit -J519- (heated rear window)	30
33	- Fuse 33 on fuse holder C -SC33-	30A	- Headlight washer system relay -J39- Headlight washer system pump -V11-	30
34	- Fuse 34 on fuse holder C -SC34-	25A	- Heated front seats control unit -J774-	30
35	- Fuse 35 on fuse holder C -SC35-	30A	- Rear left door control unit -J388- Rear right door control unit -J389-	30
36	- Fuse 36 on fuse holder C -SC36-	15A	- Driver seat lumbar support adjustment switch -E176- Rake adjustment button -E421- Backrest adjustment button -E425-	30
37	- Fuse 37 on fuse holder C -SC37-	10A	- Magnetic field sender for compass -G197- Rain and light sensor -G397- Climatronic control unit -J255- Air conditioning system control unit -J301- Reversing camera system control unit -J772- Remote control receiver for auxiliary coolant heater -R149- Voltage monitoring relay -J813- (RSE Multimedia system)	30
38	- Fuse 38 on fuse holder C -SC38-	40A	- Fresh air blower relay -J13- Fresh air blower control unit -J126- (Climatronic) Air conditioning system control unit -J301- (Climatic)	75
39	- Fuse 39 on fuse holder C -SC39-	15 A ³⁾ 5A	- Multifunction switch -F125- ³⁾ Automatic gearbox control unit -J217- ³⁾ Reversing light switch -F4- Mechatronic unit for dual clutch gearbox -J743-	15
40	- Fuse 40 on fuse holder C -SC40-	15A	- Second battery charging circuit relay -J713- Washer pump -V5- Rear window wiper motor -V12-	75
41	- Fuse 41 on fuse holder C -SC41-	20A	- Cigarette lighter -U1-2) Rear cigarette lighter -U9-2)	75
42	- Fuse 42 on fuse holder C -SC42-	15A	- 12V socket -U5-	75
43	- Fuse 43 on fuse holder C -SC43-	20A	- Auxiliary heater control unit -J364- (only with auxiliary battery)	30
44	- Fuse 44 on fuse holder C -SC44-	30A	- Driver door control unit -J386- Front passenger door control unit -J387-	30
45	- Fuse 45 on fuse holder C -SC45-	20A	- Auxiliary heater operation relay -J485- (only with auxiliary battery)	30
46	- Fuse 46 on fuse holder C -SC46-		- Vacant	
47	- Fuse 47 on fuse holder C -SC47-	10A	- Telephone transmitter and receiver unit -R36-4)	30
48	- Fuse 48 on fuse holder C -SC48-	5A	- Control unit in dash panel insert -J285-4)	30
49	- Fuse 49 on fuse holder C -SC49-		- Vacant	

¹⁾ Only models with a petrol engine

²⁾ Only models with a diesel engine

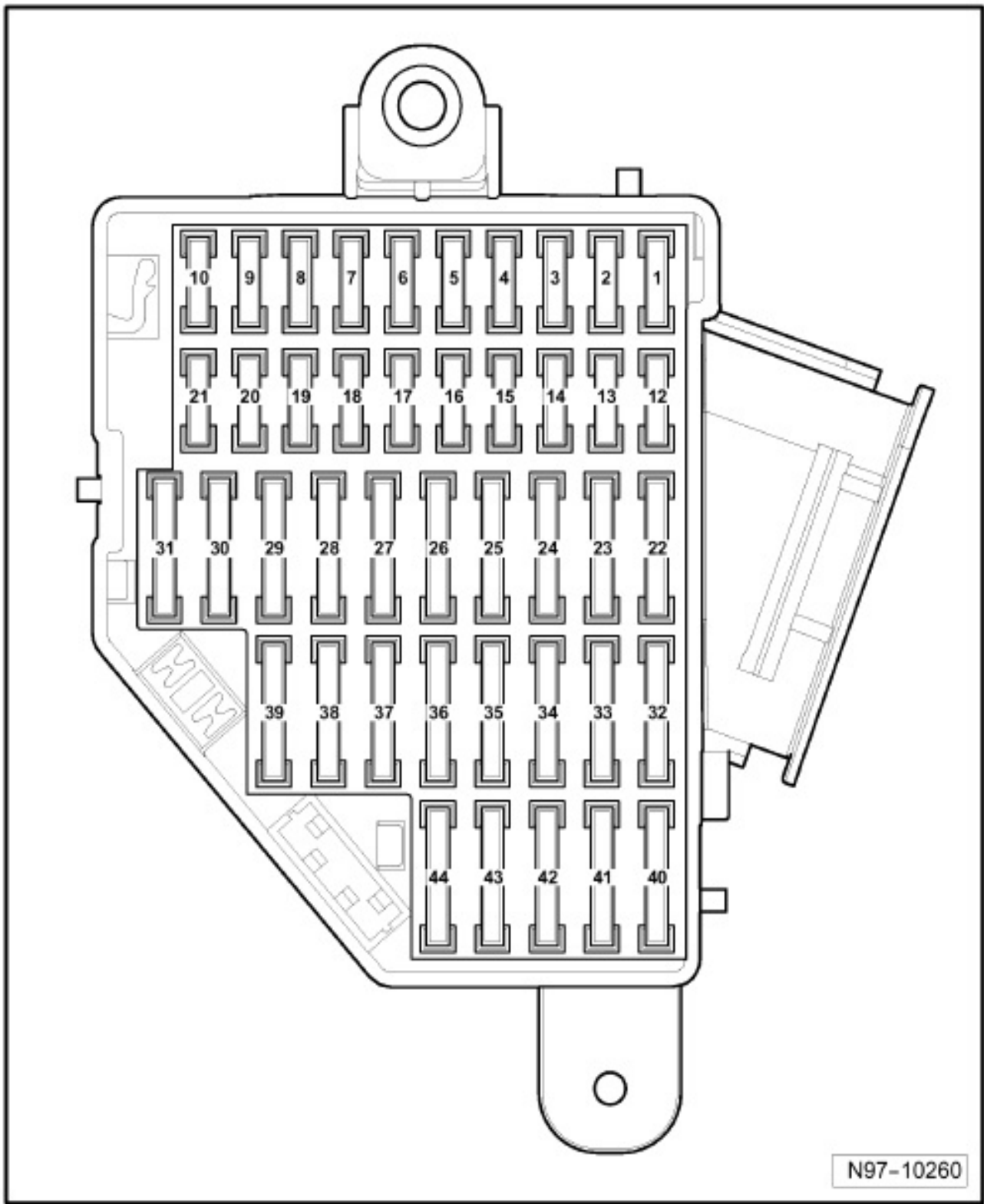
³⁾ Only models with a 6-speed automatic gearbox

⁴⁾ Only models with start/stop system

VW PASSAT 2007

Fuse holder D -SD- , on front passenger side of dash panel, to April 2008

Fuse colours



- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

Note:
Slot SD11 has been discontinued.

VW PASSAT 2007

Fuse assignment on fuse holder D -SD- , on front passenger side of dash panel, to April 2008

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder D -SD1-	5A	- Magnetic field sender for compass -G197-1)	15
2	- Fuse 2 on fuse holder D -SD2-	5A	- Control unit for electromechanical parking brake -J540- ABS control unit -J104-	15
3	- Fuse 3 on fuse holder D -SD3-	5A	- Magnetic field sender for compass -G197-2) Parking aid control unit -J446-	15
4	- Fuse 4 on fuse holder D -SD4-	5A	- Adaptive cruise control unit -J428-	15
5	- Fuse 5 on fuse holder D -SD5-	10A	- Power output module for right headlight -J668- (only models with gas discharge headlights)	15
6	- Fuse 6 on fuse holder D -SD6-	5A	- Tiptronic switch -F189-	15
7	- Fuse 7 on fuse holder D -SD7-	5A	- Control unit for cornering light and headlight range control -J745- (only for gas discharge headlamp)	15
8	- Fuse 8 on fuse holder D -SD8-	5A	- High-pressure sender -G65- Oil level and oil temperature sender -G266-	15
9	- Fuse 9 on fuse holder D -SD9-	10A	- Front passenger side airbag deactivated warning lamp - K145- Airbag control unit -J234- Seat occupied recognition control unit -J706-	15
10	- Fuse 10 on fuse holder D -SD10-	5A	- Fuel pump control unit -J538- (BLF, BLR, BLY, AXX, BPY, BLX, BVX, BVY, BVZ, BWA)	15
11	- Fuse 11 on fuse holder D -SD11-		- -Vacant	
12	- Fuse 12 on fuse holder D -SD12-	10A	- Front passenger door control unit -J387- Rear right door control unit -J389-2)	30
13	- Fuse 13 on fuse holder D -SD13-	10A	- Parking aid control unit -J446-2	30
14	- Fuse 14 on fuse holder D -SD14-	5A	- Reversing camera system control unit -J772-3)	30
15	- Fuse 15 on fuse holder D -SD15-	5A	- Climatronic control unit -J255- Air conditioning system control unit -J301-	30
16	- Fuse 16 on fuse holder D -SD16-	5A	- Tiptronic switch -F189-	30
17	- Fuse 17 on fuse holder D -SD17-	5A	- Electromechanical parking brake warning lamp -K213- ABS control unit -J104-	30
18	- Fuse 18 on fuse holder D -SD18-		- -Vacant	
19	- Fuse 19 on fuse holder D -SD19-		- -Vacant	
20	- Fuse 20 on fuse holder D -SD20-		- -Vacant	
21	- Fuse 21 on fuse holder D -SD21-		- -Vacant	
22	- Fuse 22 on fuse holder D -SD22-	30A	- DC/AC converter with socket, 12V-230V -U13- Converter with socket, 12V-115V -U27- (only American markets)	30
23	- Fuse 23 on fuse holder D -SD23-	30A	- Rear left door control unit -J388- Rear right door control unit -J389-	30
24	- Fuse 24 on fuse holder D -SD24-	30A	- Power latching control unit for rear left door -J762- (Variant)	30
25	- Fuse 25 on fuse holder D -SD25-	30A	- Power latching control unit for rear right door -J763- (Variant)	30
26	- Fuse 26 on fuse holder D -SD26-		- -Vacant	
27	- Fuse 27 on fuse holder D -SD27-	25A	- Heated rear seats control unit -J786-	30
28	- Fuse 28 on fuse holder D -SD28-	15A	- Fuel pump control unit -J538- (AXZ, BLV) 2)	30
29	- Fuse 29 on fuse holder D -SD29-	30A	- Driver door control unit -J386- Front passenger door control unit -J387-	30
30	- Fuse 30 on fuse holder D -SD30-	20A	- Control unit for electromechanical parking brake -J540-2) Convenience system central control unit -J393-4)	30
31	- Fuse 31 on fuse holder D -SD31-	20A 15A	- Control unit for electromechanical parking brake -J540-2) Fuel pump control unit -J538-4)	30
32	- Fuse 32 on fuse holder D -SD32-		- -Vacant	
33	- Fuse 33 on fuse holder D -SD33-	20A	- 12V socket -U5-2) 12V socket 2 -U18-2)	30
34	- Fuse 34 on fuse holder D -SD34-	15A	- Fuel pump control unit -J538- (AXX, BPY, BLF, BLR, BLY, BLX, BVX, BVY, BVZ, BWA) 2)	30
35	- Fuse 35 on fuse holder D -SD35-	20A	- Cigarette lighter -U1-2) Rear cigarette lighter -U9-2)	30
36	- Fuse 36 on fuse holder D -SD36-		- -Vacant	
37	- Fuse 37 on fuse holder D -SD37-		- -Vacant	
38	- Fuse 38 on fuse holder D -SD38-	15A	- 12V socket -U5-5)	75
39	- Fuse 39 on fuse holder D -SD39-	10A	- Heated driver seat regulator -E94-2) Heated front passenger seat regulator -E95-2) Heated rear left seat switch with regulator -E128-2) Heated rear right seat switch with regulator -E129-2) Climatronic control unit -J255-	75

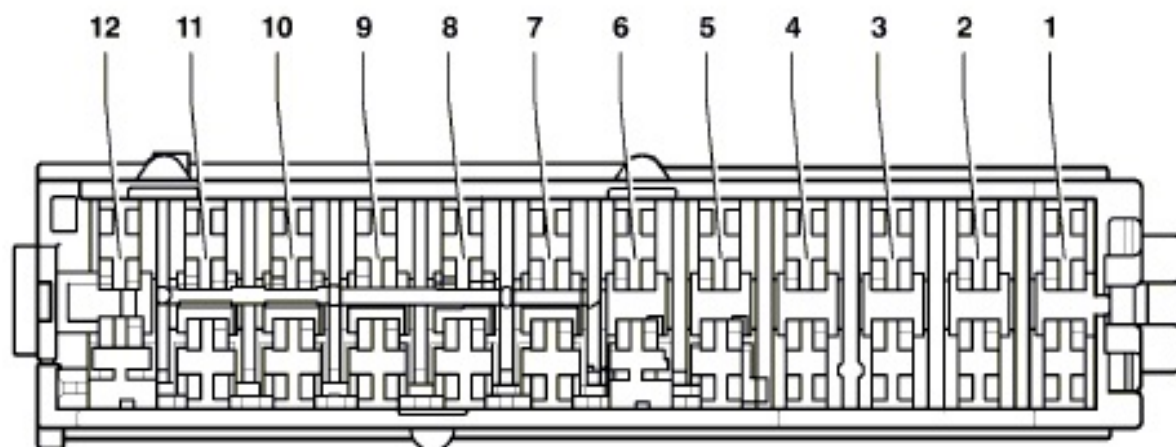
			Air conditioning system control unit -J301- Second battery charging circuit relay -J713- Left washer jet heater element -Z20- Right washer jet heater element -Z21-	
40	- Fuse 40 on fuse holder D -SD40-	5A	- Crash data recorder -J754-6)	
41	- Fuse 41 on fuse holder D -SD41-	15A	- Taxi meter -G41-6) Mirror taxi meter -G511-6) Taxi roof sign warning lamp -K222-6) Interior light warning lamp -K224-6) Alarm button illumination lamp -L180-6) Glove compartment coupling point ⁶⁾ Luggage compartment coupling point ⁶⁾	30
42	- Fuse 42 on fuse holder D -SD42-	20A	- Glove compartment coupling point ⁶⁾	30
43	- Fuse 43 on fuse holder D -SD43-	5A	- Control unit for taxi alarm remote control -J601-6) Special signal system coupling point (Police) Glove compartment coupling point ⁷⁾ Luggage compartment coupling point ⁷⁾	30
44	- Fuse 44 on fuse holder D -SD44-	10A	- Control unit for taxi alarm remote control -J601-7) 12V socket 3 -U19-6) Special signal system coupling point (Police)	30

- ¹⁾ Only models from May 2005
- ²⁾ Only models to April 2006
- ³⁾ Only models from November 2007
- ⁴⁾ Only models from May 2006 and to October 2006
- ⁵⁾ Only models from May 2006
- ⁶⁾ Only models with taxi equipment to May 2005
- ⁷⁾ Only models with taxi equipment from May 2005

VW PASSAT 2007

Fuse holder D -SD- , on front passenger side of dash panel, from April 2008

Fuse colours



N97-11270

2

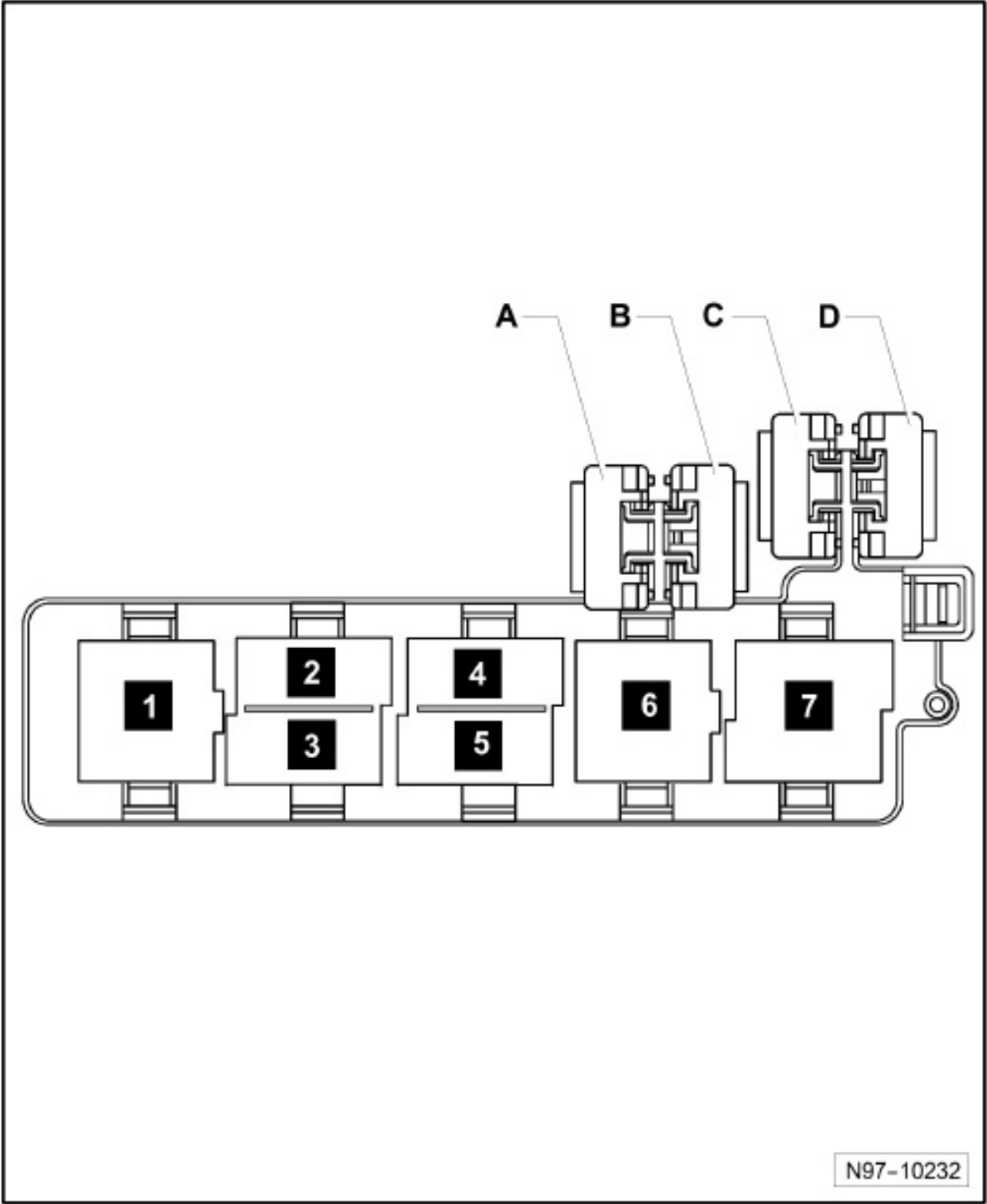
- 30 A - green
- 25 A - white
- 20 A - yellow
- 15 A - blue
- 10 A - red
- 7.5 A - brown
- 5 A - beige
- 3 A - purple

Fuse assignment on fuse holder D -SD- , on front passenger side of dash panel, from May 2008

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder D -SD1-	30A	- Rear lid control unit 2 -J756- (Variant only)	30
2	- Fuse 2 on fuse holder D -SD2-	30A	- Rear lid control unit -J605- (Variant only)	30
3	- Fuse 3 on fuse holder D -SD3-		- -Vacant	
4	- Fuse 4 on fuse holder D -SD4-		- -Vacant	75
5	- Fuse 5 on fuse holder D -SD5-		- - Reserved for special vehicles	30
6	- Fuse 6 on fuse holder D -SD6-		- - Reserved for special vehicles	30
7	- Fuse 7 on fuse holder D -SD7-		- - Reserved for special vehicles	30
8	- Fuse 8 on fuse holder D -SD8-		- - Reserved for special vehicles	30
9	- Fuse 9 on fuse holder D -SD9-		- - Reserved for special vehicles	30
10	- Fuse 10 on fuse holder D -SD10-		- -Vacant	
11	- Fuse 11 on fuse holder D -SD11-		- -Vacant	
12	- Fuse 12 on fuse holder D -SD12-		- -Vacant	

**VW
PASSAT
2007
Circuit
breakers,
on left
under
dash panel**

Circuit breakers,
on left under
dash panel



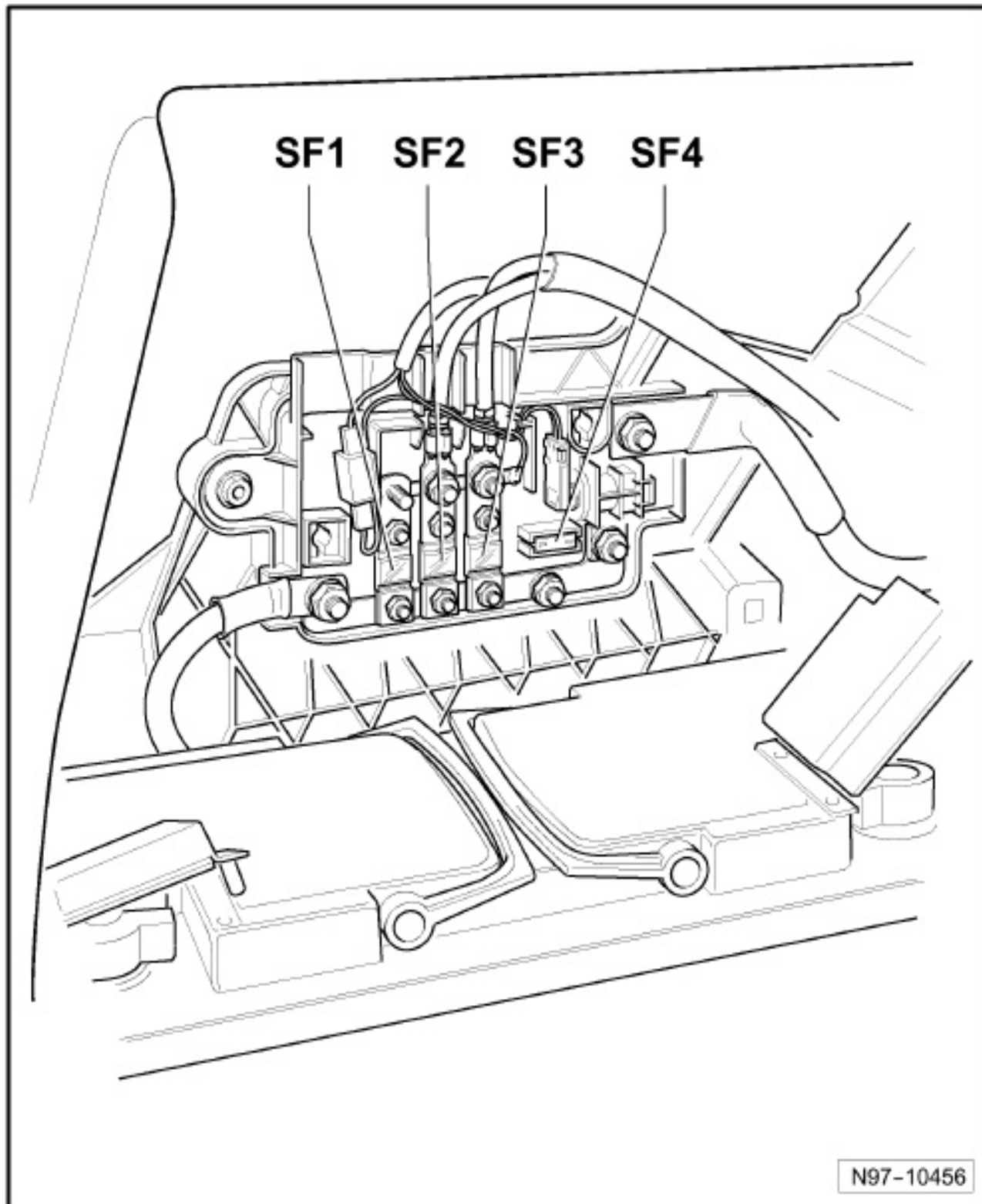
Fuse assignment

Introduction date	Slot A	Slot B	Slot C	Slot D
From November 2004	Vacant	Vacant	Front passenger seat adjustment thermal fuse 1 - S46- 30A	Fuse in fuse holder -S224-15A ¹⁾ / 30A ²⁾
From November 2005	Front passenger seat adjustment thermal fuse 1 -S46- 30A	Driver seat adjustment thermal fuse 1 -S44- 15A ¹⁾ Fuse in fuse holder -S224-30A ²⁾	Vacant	Vacant
From November 2006	Front passenger seat adjustment thermal fuse 1 -S46- 30A	Fuse in fuse holder -S224-15A ¹⁾ / 30A ²⁾	Vacant	Vacant
From November 2007	Front passenger seat adjustment thermal fuse 1 -S46- 30A	Fuse in fuse holder -S224-15A ¹⁾ / 30A ²⁾ Driver seat adjustment thermal fuse 1 -S44- 30A ³⁾	Vacant	Vacant
From May 2008	Vacant	Driver seat adjustment thermal fuse 1 -S44- 20A ²⁾	Vacant	Vacant
From May 2009	Fuse in fuse holder - S223- 3A ⁴⁾	Driver seat adjustment thermal fuse 1 -S44- 20A ²⁾	Vacant	Vacant

- ¹⁾ Only models with no memory function
- ²⁾ Only models with memory function
- ³⁾ Only models with 12-way seat
- ⁴⁾ Only models with start/stop system

VW PASSAT 2007

Fuse holder F -SF- , rear left in luggage compartment (AXZ, BLV, BWS)
Torque settings



N97-10456

2

⇒ Electrical system, Repair Group 97, Removing and installing fuse holders

Fuse colours

30 A - green

25 A - white

20 A - yellow

15 A - blue

10 A - red

7.5 A - brown

5 A - beige

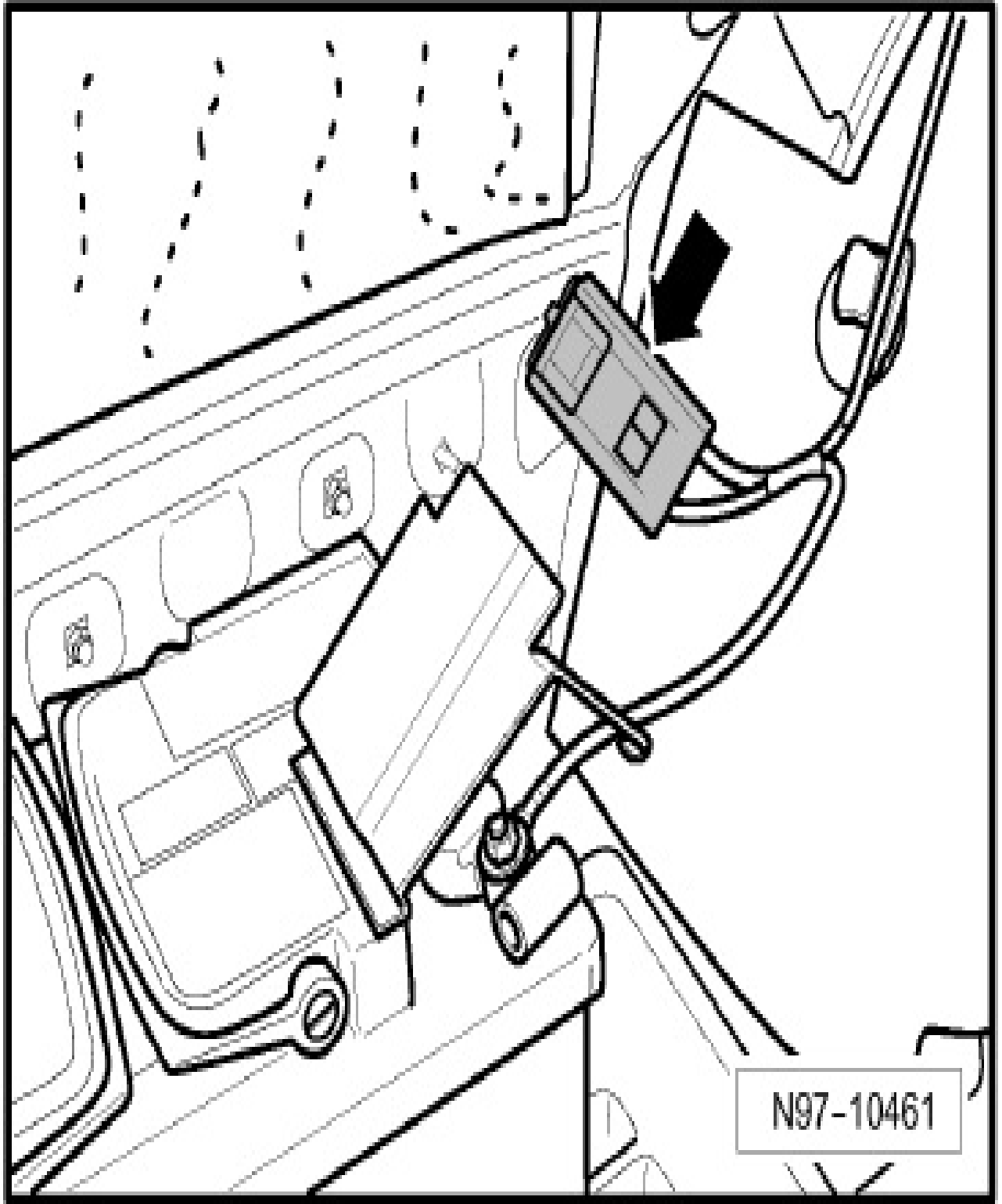
3 A - purple

VW PASSAT 2007

Fuse assignment on fuse holder F -SF- , rear left in luggage compartment (AXZ, BLV, BWS)

No.	Current Flow Diagram designation	Nominal value	Function/component	Terminal
1	- Fuse 1 on fuse holder F -SF1-	30A	-Left fuse holder (SC12-SC17, SC29-SC31) ¹⁾ Right fuse holder (SD12-SD17, SD28, SD29-SD31) ¹⁾	30
2	- Fuse 2 on fuse holder F -SF2-	80A	-Fuses in E-box (SB16 - SB26, SB49, SB50)	30
3	- Fuse 3 on fuse holder F -SF3-	125 A	-Voltage supply, electronics box	30
4	- Fuse 4 on fuse holder F -SF4-	5A	-Onboard supply control unit -J519-	30

¹⁾ Only models from May 2006



**VW
PASSAT
2007 Fuse
2 (30)
S205**

Fuse 2 (30) -
S205-

Fitting location:

In luggage compartment behind left side panel trim - arrow-

Fuse rating:

t 70A - Saloon

t 60A - Variant

[illegible]

[illegible]