

Audi A8

Fitting Locations

No. 804 / 1

Edition 04.2010

Control units in front part of vehicle

Control units overview

1 - Front information display and operating unit control unit -J523-

- Location → [chapter](#)

2 - Display unit for front information display and operating unit control unit -J685-

- Location → [chapter](#)

3 - Steering column electronics control unit -J527-

- Location → [chapter](#)

4 - Front passenger side door control unit -J387-

- Location → [chapter](#)
- Connector assignment → [chapter](#)

4 - Power latching control unit for front passenger door -J761-

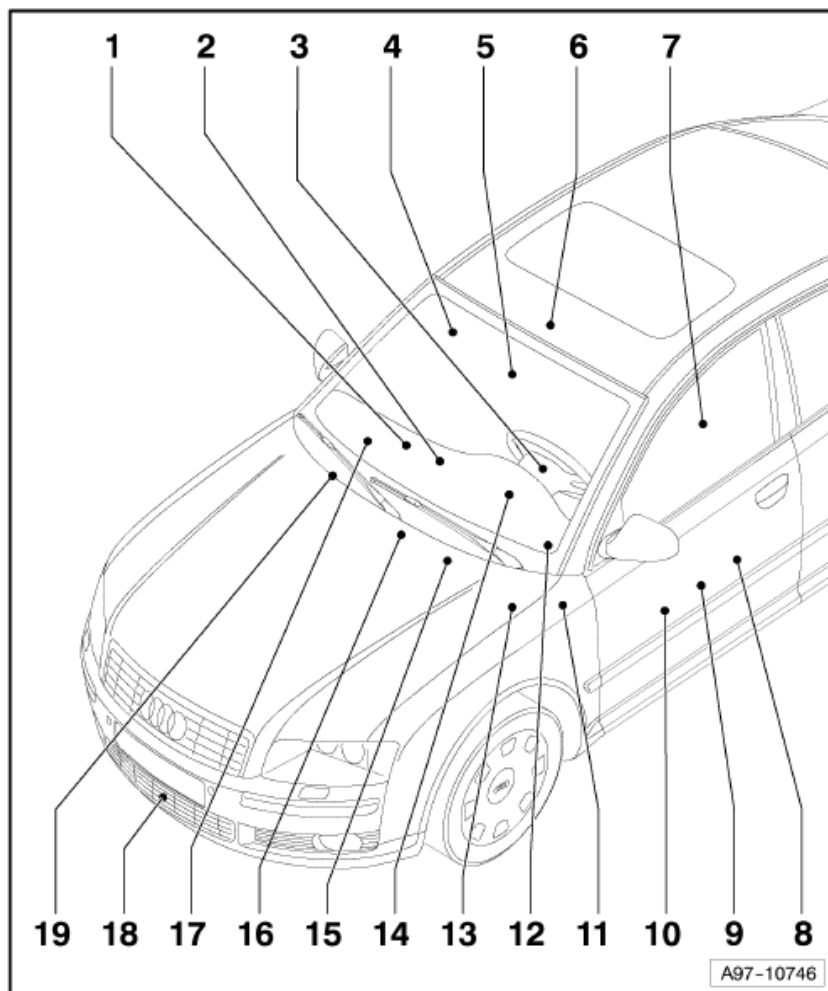
- Connector assignment → [chapter](#)

5 - Onboard supply control unit 2 -J520-

- Location → [chapter](#)
- Connector assignment → [chapter](#)

6 - Roof electronics control unit -J528-

- In front roof module
- Location → [chapter](#)



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7 - Airbag control unit - J234-

- ❑ Location → [chapter](#)
- ❑ Connector assignment → [chapter](#)

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

- ❑ Location → [chapter](#)
- ❑ Connector assignment → [chapter](#)

9 - Entry and start authorisation control unit -J518-

- ❑ Location → [chapter](#)
- ❑ Connector assignment → [chapter](#)

10 - Driver door control unit -J386-

- ❑ Location → [chapter](#)
- ❑ Connector assignment → [chapter](#)

10 - Power latching control unit for driver door - J760-

- ❑ Connector assignment → [chapter](#)

11 - Onboard power supply control unit -J519-

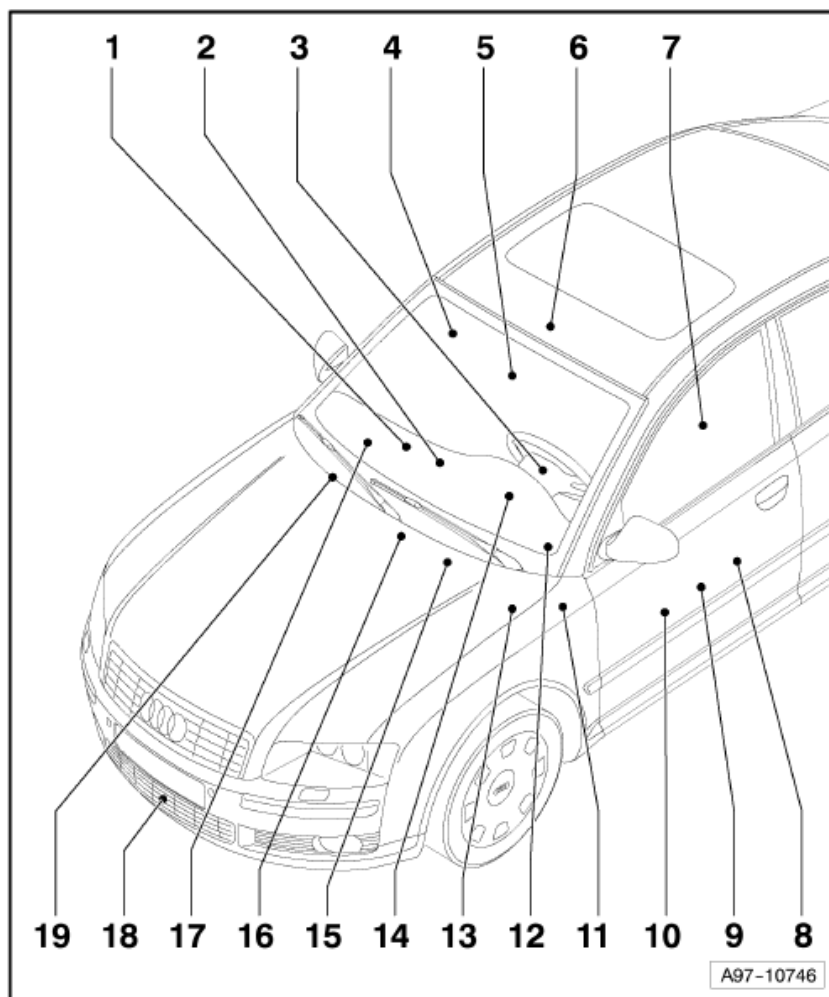
- ❑ Location → [chapter](#)
- ❑ Connector assignment → [chapter](#)

12 - Headlight range control, control unit -J431-

- ❑ Location → [chapter](#)
- ❑ Connector assignment → [chapter](#)

13 - ABS control unit -J104-

- ❑ Connector assignment → [chapter](#)



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14 - Control unit in dash panel insert -J285-

- ❑ Connector assignment
→ [chapter](#)

15 - Wiper motor control unit -J400-

- ❑ Location → [chapter](#)

16 - Automatic gearbox control unit -J217-

- ❑ Connector assignment, 16-pin connector -T16c
- → [chapter](#)
- ❑ Connector assignment, 20-pin connector -T20e
- → [chapter](#)

17 - Data bus diagnostic interface -J533-

- ❑ Behind the glove box
- ❑ Location → [chapter](#)

17 - Adaptive suspension control unit -J197-

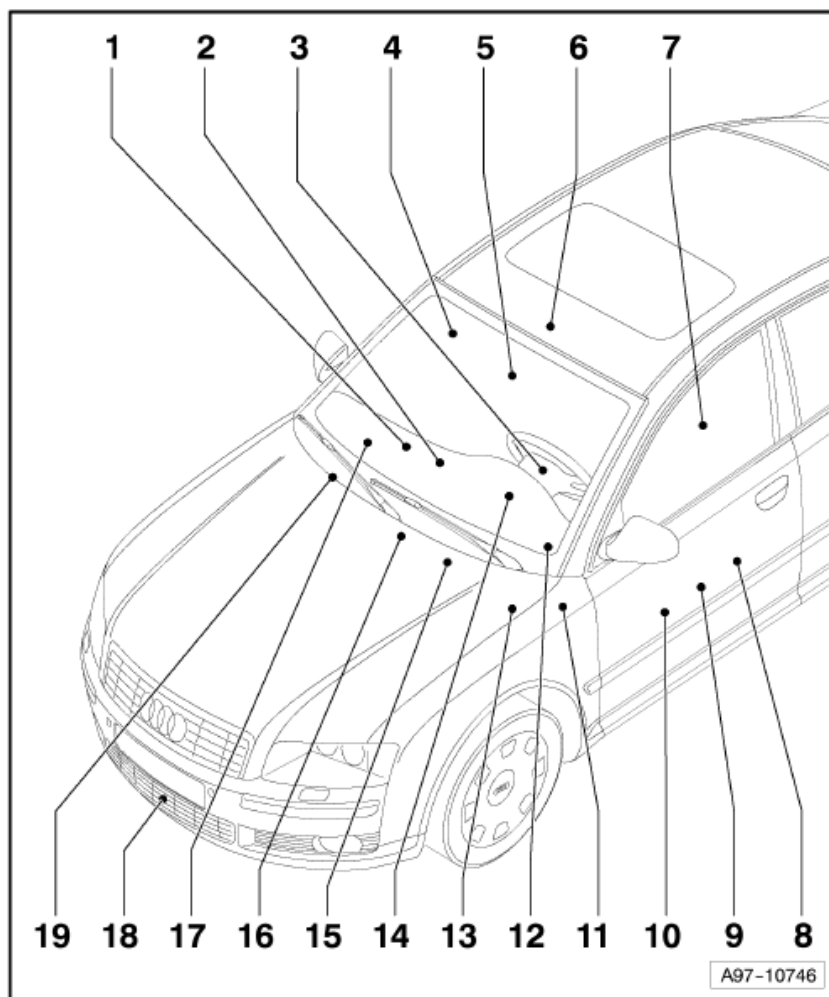
- ❑ Behind the glove box
- ❑ Location → [chapter](#)
- ❑ Connector assignment
→ [chapter](#)

18 - Adaptive cruise control unit -J428-

- ❑ Location → [chapter](#)
- ❑ Connector assignment
→ [chapter](#)

19 - Engine control unit -J623-, engine control unit 2 -J624-

- ❑ Location → [chapter](#)
- **Garage door operation control unit -J530-**
- ❑ Location → [chapter](#)



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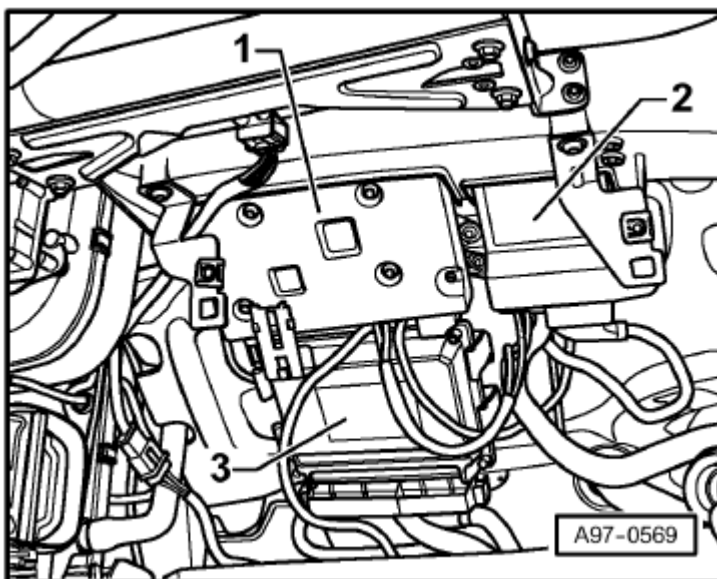
Fitting Locations

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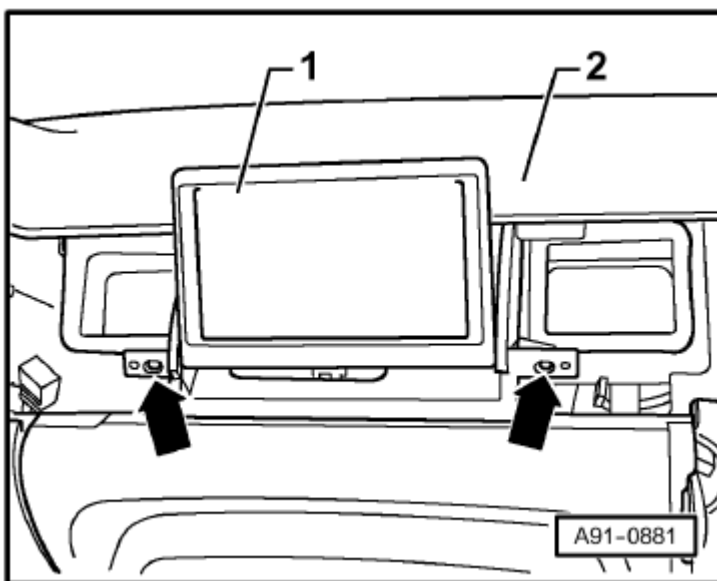
Front information display and operating unit control unit -J523-**Location:**

Behind the glove box -Item 1-

- 1 - Front information display and operating unit control unit -J523-
- 2 - Data bus diagnostic interface - J533-
- 3 - Adaptive suspension control unit - J197-

**Display unit for front information display and operating unit control unit - J685-****Location:**

In centre dash panel -Item 1-



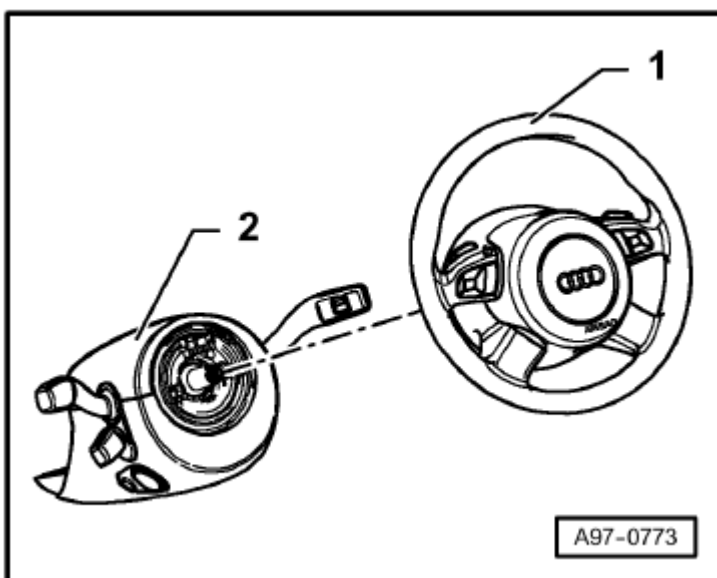
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Fitting Locations

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Steering column electronics control unit - J527-**Location:**

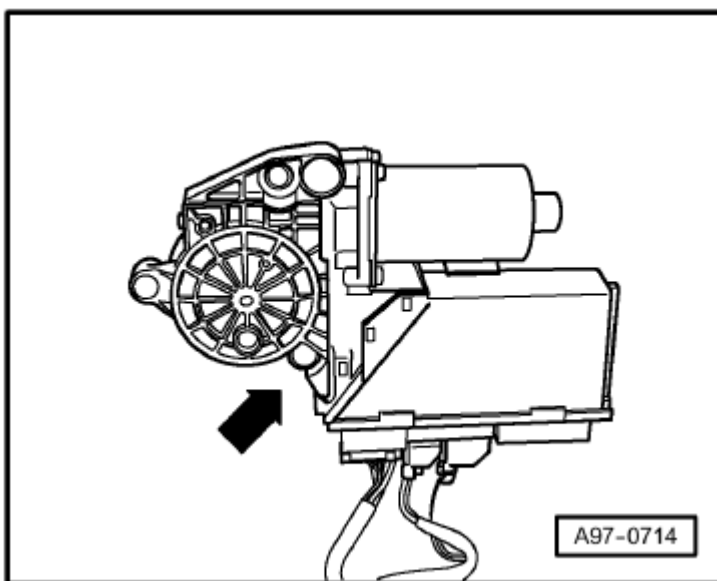
Near steering column, behind steering wheel

Driver side door control unit - J386-, front passenger door control unit -J387-**Location -J386-:**

In driver door -arrow-

Location -J387-:

In front passenger door -arrow-



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Fitting Locations

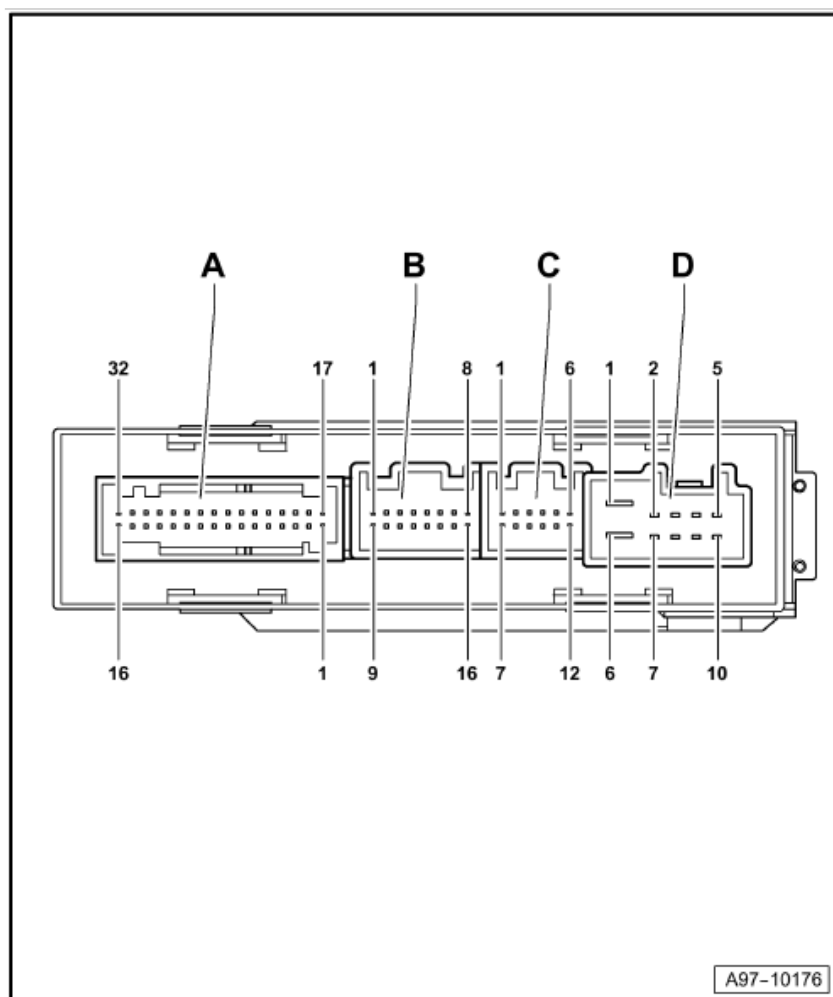
No. 804 / 6

Connector assignment:**Pin connector front door:**

- A - 32-pin connector
(connector A), white
- B - 16-pin connector
(connector B), brown
- C - 12-pin connector
(connector C), black
- D - 10-pin connector, black
(connector D), black

Pin connector rear door:

- A - Vacant
- B - 16-pin connector
(connector A), brown
- C - 12-pin connector
(connector B), black
- D - 10-pin connector
(connector C), black



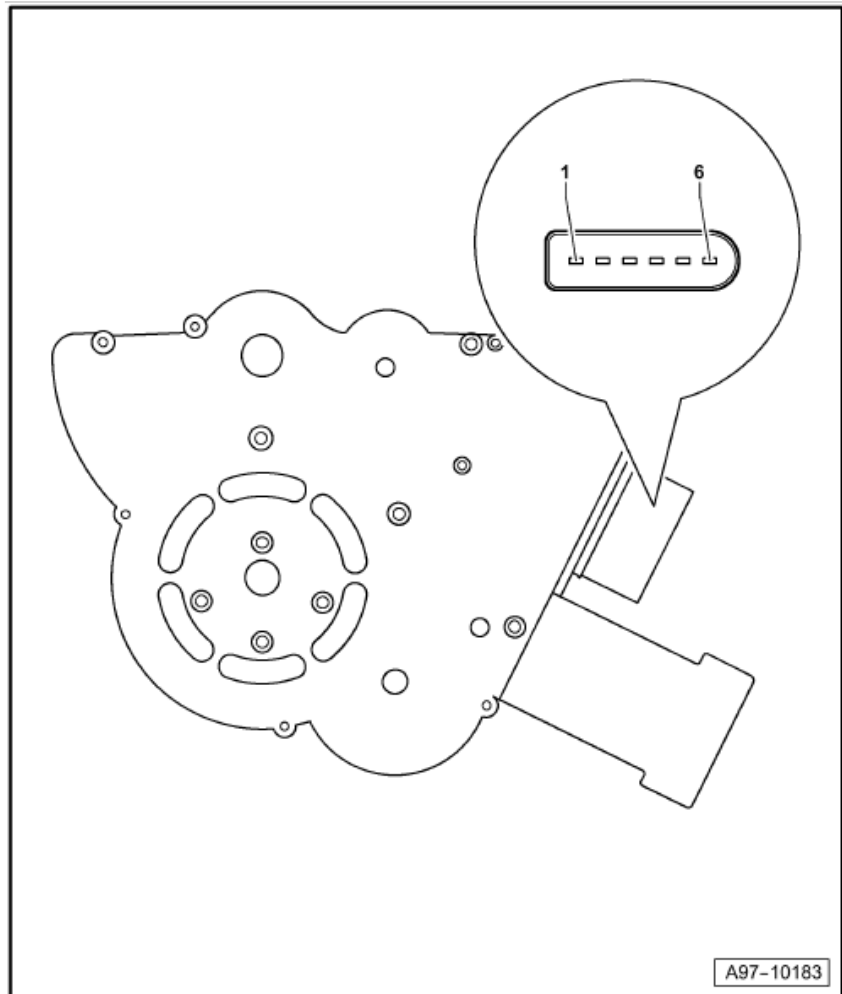
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Fitting Locations

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Power latching control unit for driver door -J760-, power latching control unit for front passenger door -J761-

6-pin connector, black



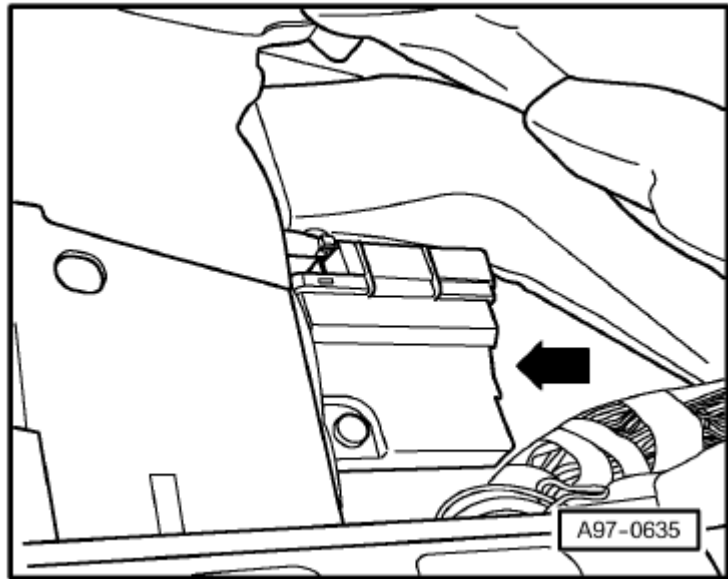
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Fitting Locations

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Onboard supply control unit 2 -J520-**Location:**

Under carpet of the front passenger seat -
arrow-



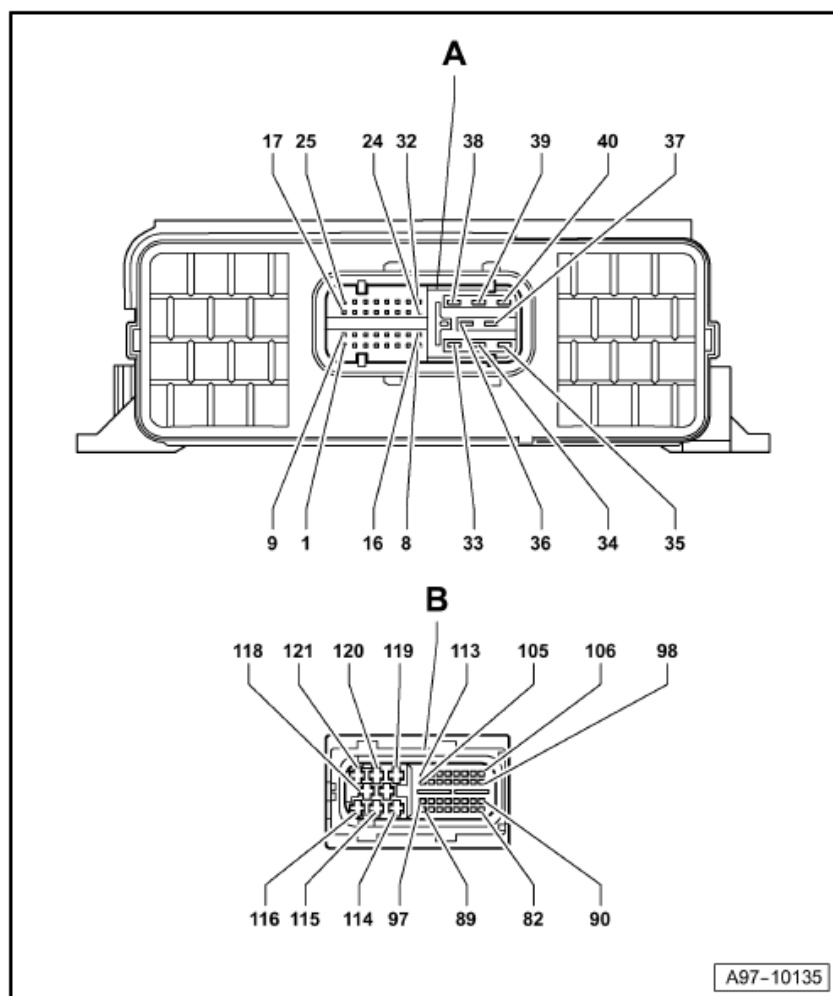
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Fitting Locations

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Connector assignment:

- A - 40-pin connector, on control unit
- B - 40-pin connector, black, on wiring harness



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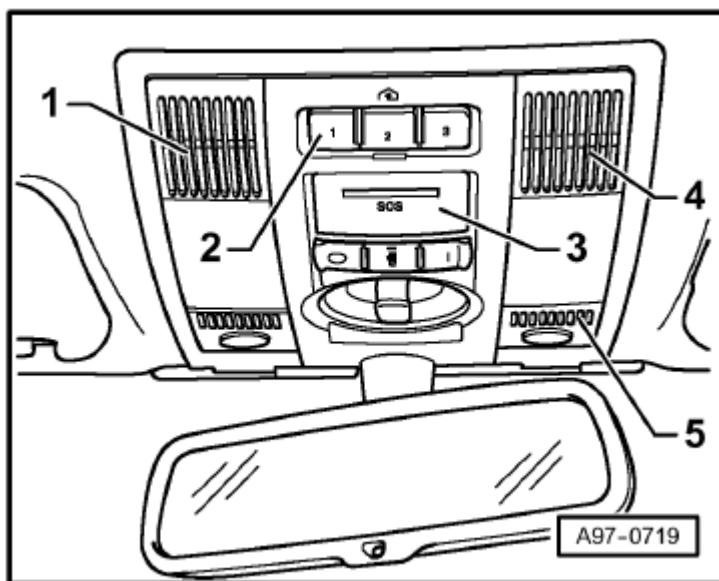
Fitting Locations

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Roof electronics control unit -J528-**Location:**

The roof electronics control unit -J528- in front roof module contains:

- 1 - Interior monitor send and receive module 1 -G303-
- 2 - Garage door operating unit -E284-
- 3 - Telematics operating unit -E264-
- 1, 4, 5 - Microphone unit in front roof module -R164-
- 4 - Interior monitor send and receive module 2 -G305-



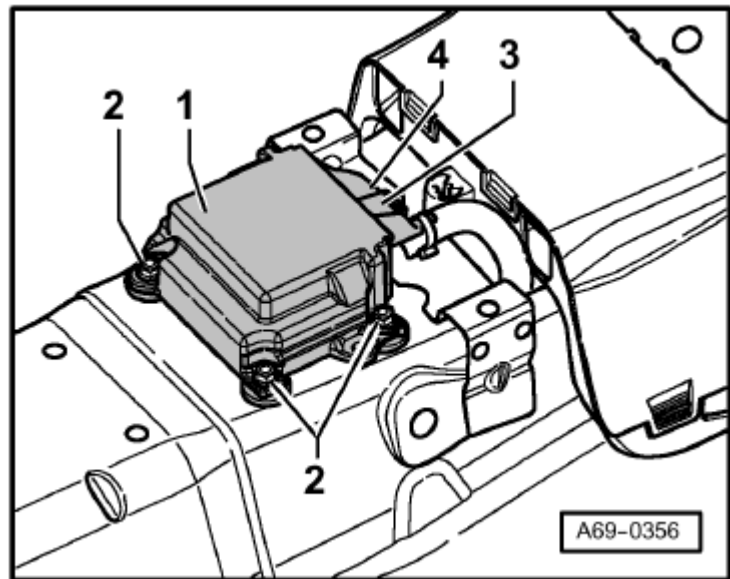
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Fitting Locations

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Airbag control unit -J234-**Location:**

On the front centre tunnel -Item 1-



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Fitting Locations

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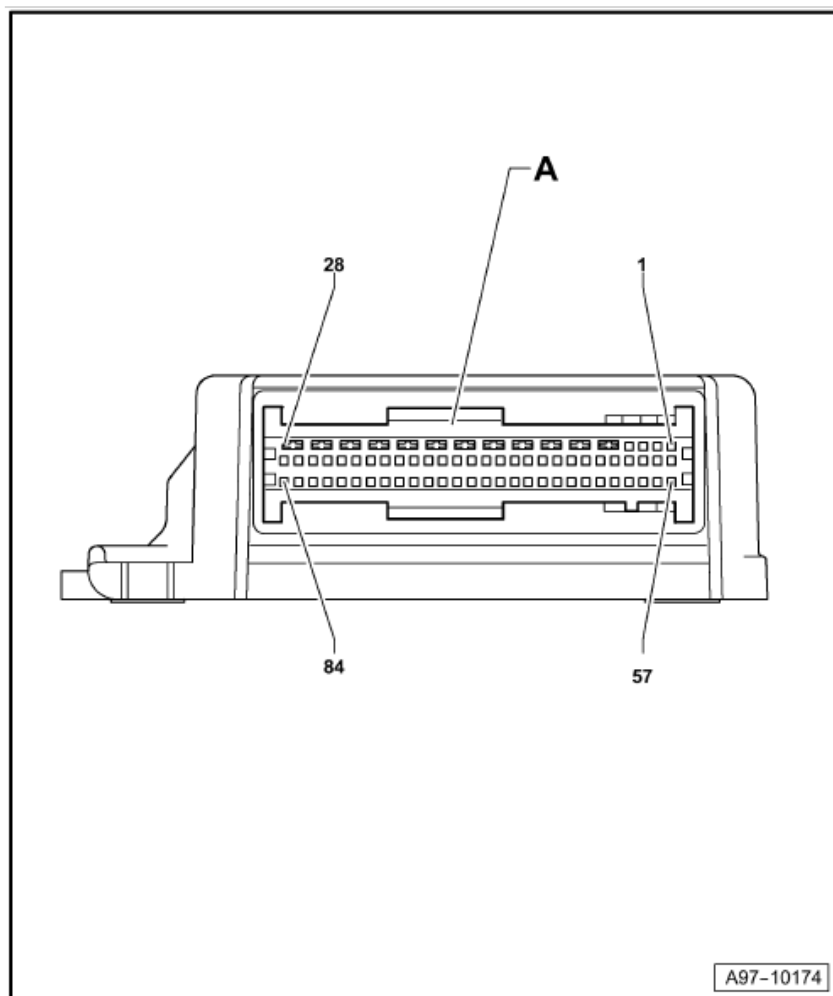
Connector assignment:

- Airbag control unit - J234-

Connector:

**A - 84-pin connector,
yellow**

- up to model year 2004
- **75-pin connector,
yellow**
- up to model year 2005



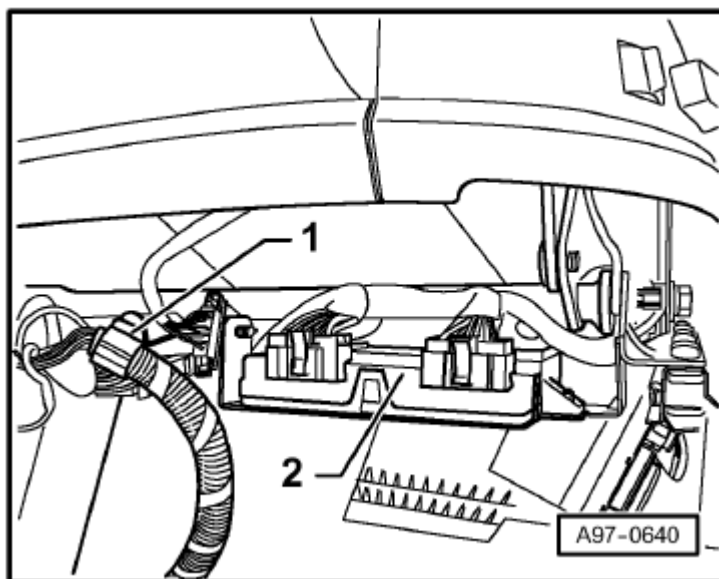
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Fitting Locations

No. 804 / 13

Seat and steering column adjustment control unit with memory -J136-**Location:**

In lower driver seat -Item 2-, coupling station driver seat -Item 1-



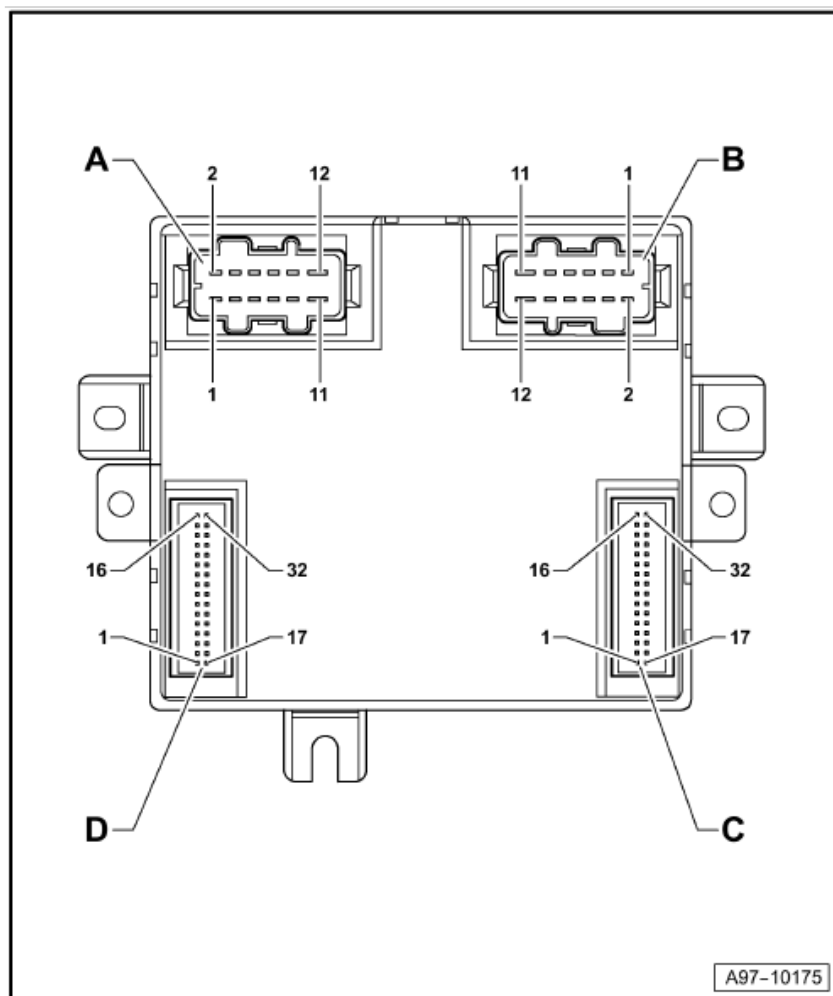
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Fitting Locations

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Connector assignment:

- A - 12-pin connector - connector ST5-, black
- B - 12-pin connector - connector ST4-, black
- C - 32-pin connector - connector ST6-, blue
- D - 32-pin connector - connector ST7-, green



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Fitting Locations

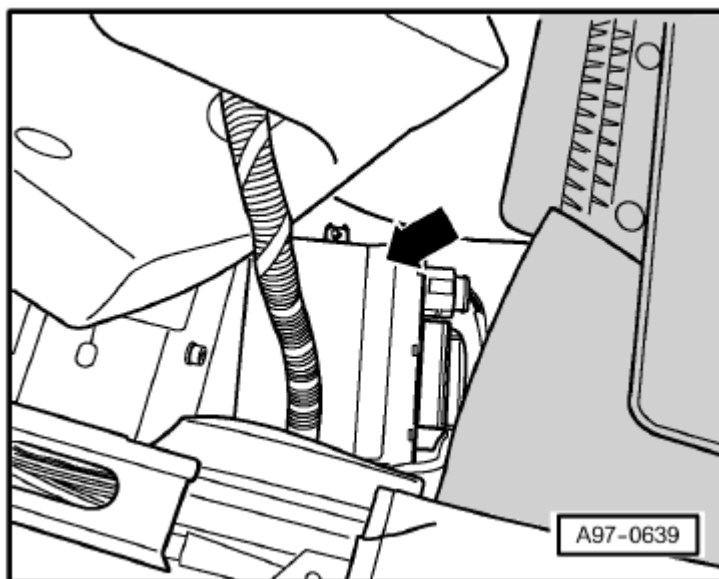
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Entry and start authorisation control unit - J518-**Location left-hand drive:**

Under carpet of the driver seat -arrow-

Location right-hand drive:

Under carpet of the front passenger seat -arrow-.



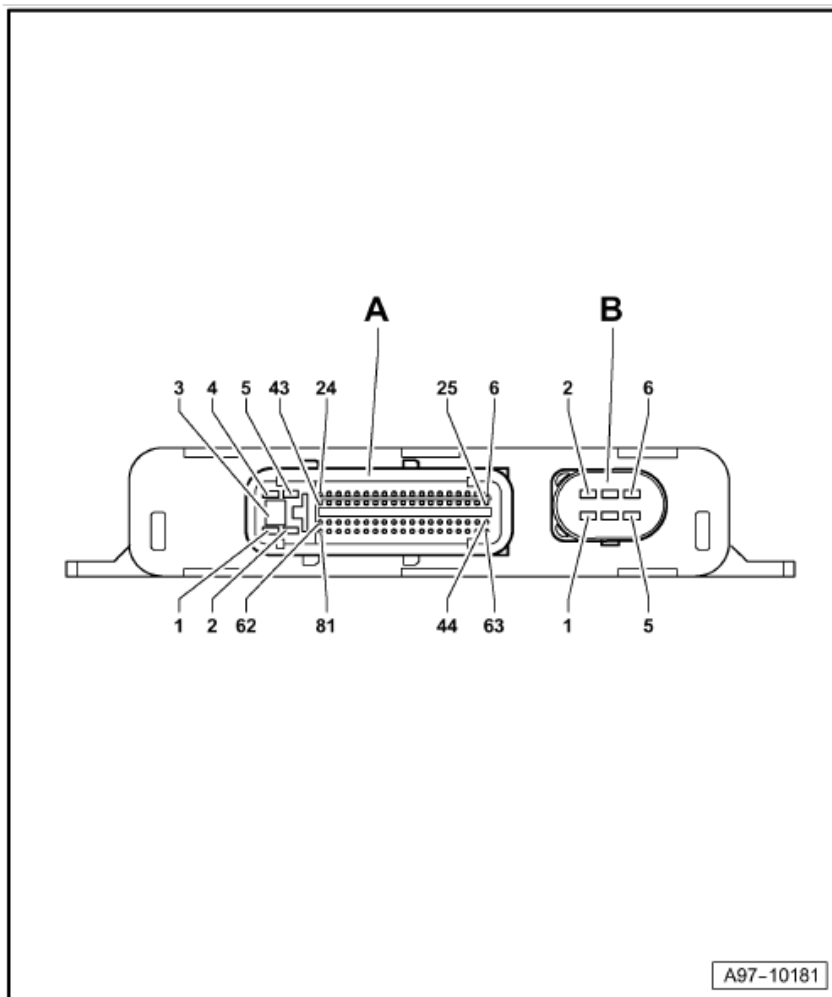
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Fitting Locations

No. 804 / 16

Connector assignment:

- A - 81-pin connector - connector A-, black
- B - 6-pin connector - connector B-, black



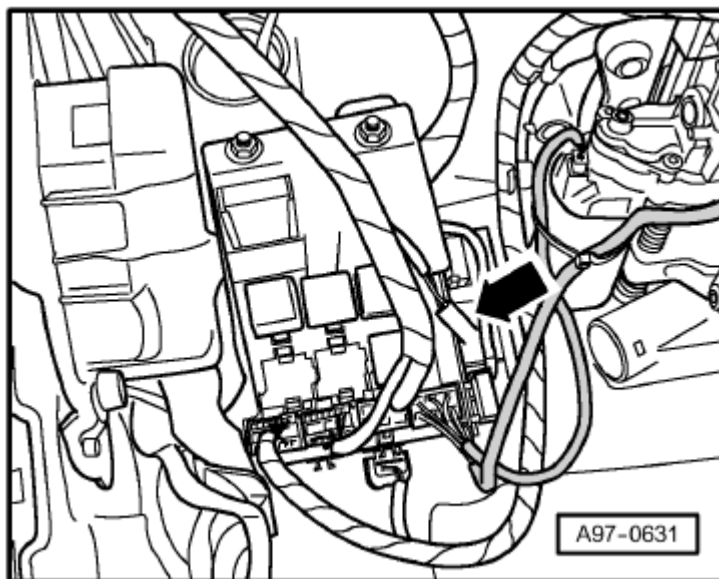
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Fitting Locations

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Onboard power supply control unit -J519-**Location:**

Behind the shelf on the driver's side, on relay and fuse holder behind the dash panel, left -arrow-



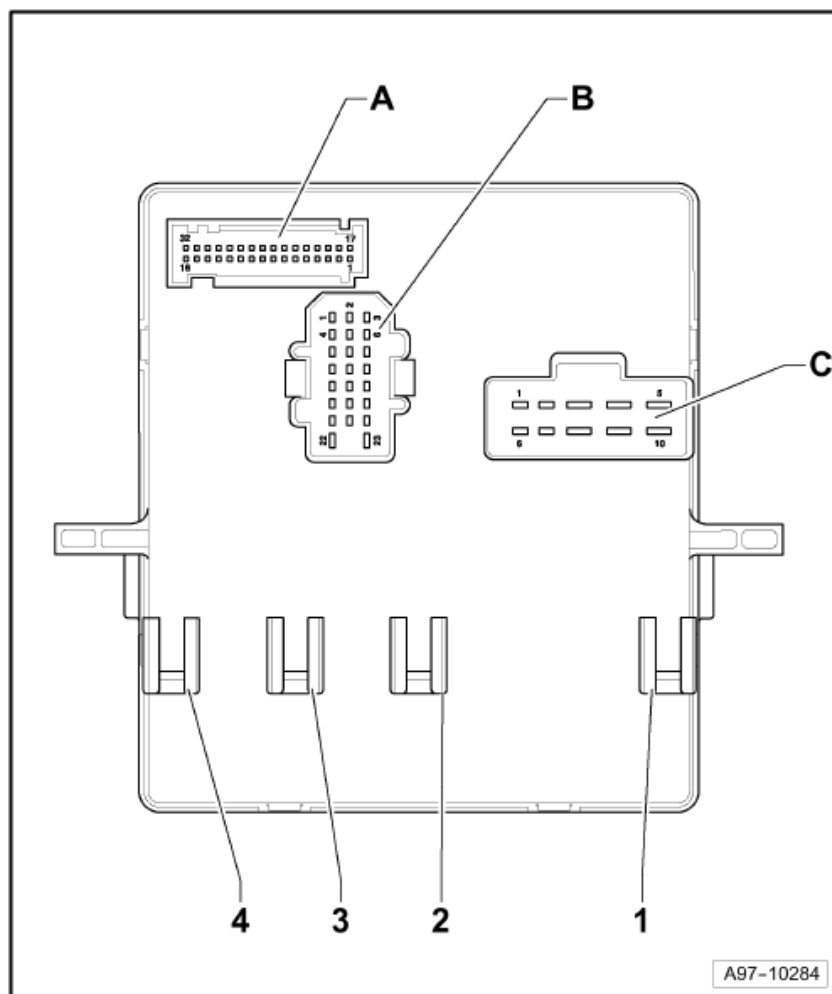
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Fitting Locations

No. 804 / 18

Connector assignment:

- A - 32-pin connector, -T32a
- (connector C), grey
- B - 23-pin connector -T23-
(connector B), black
- C - 10-pin connector, -T10p
- (connector A), black



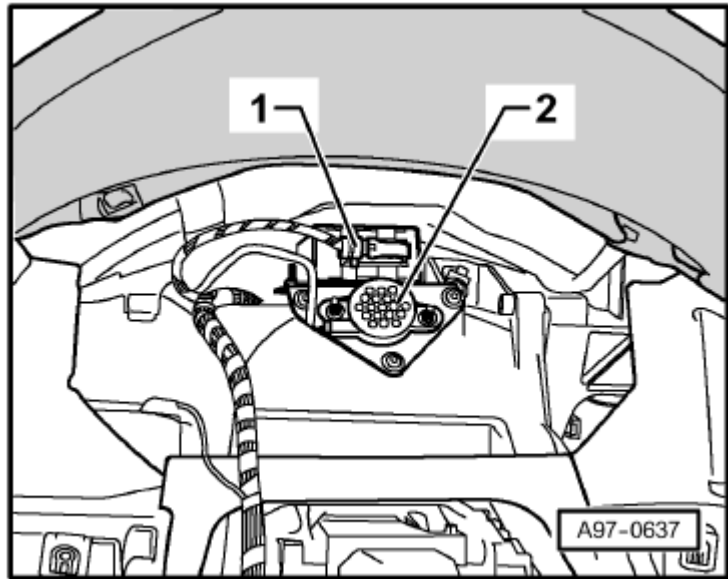
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Fitting Locations

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Headlight range control, control unit -J431-**Location:**

Behind dash panel insert



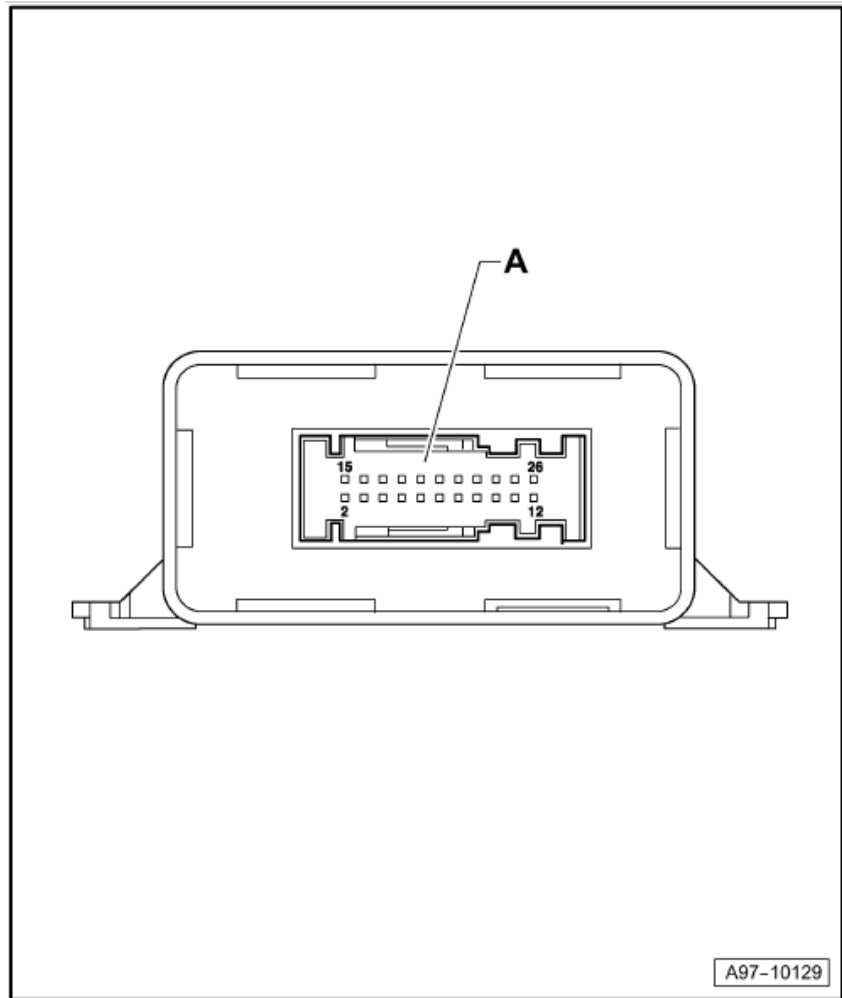
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Fitting Locations

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Connector assignment:

A - 26-pin connector,
yellow



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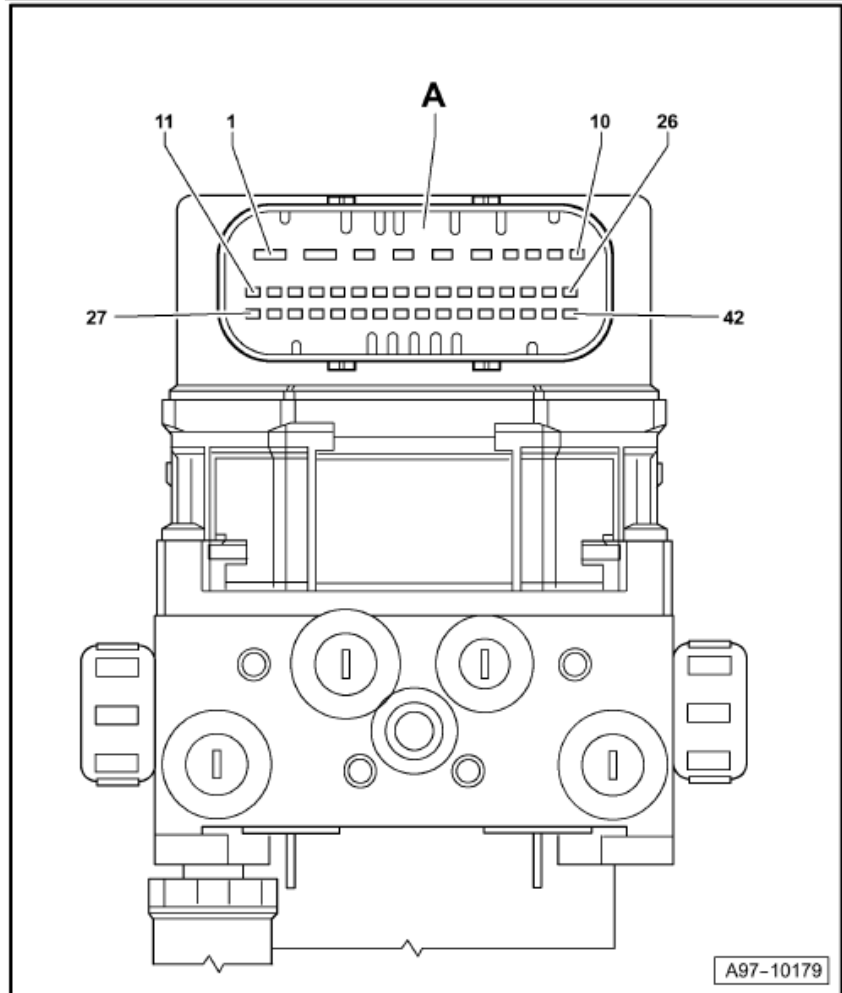
Fitting Locations

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ABS control unit -J104-

Connector assignment:

A - 42-pin connector, black



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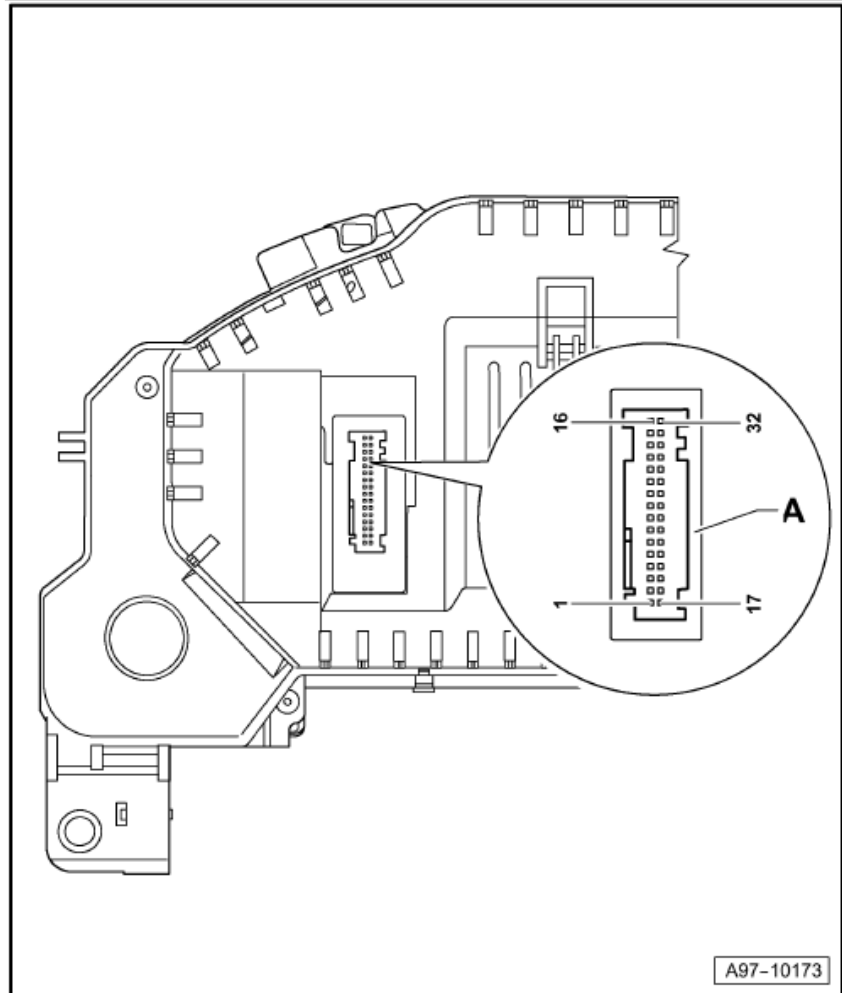
Fitting Locations

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Control unit in dash panel insert -J285-

Connector assignment:

A - 32 pin connector -T32-,
blue



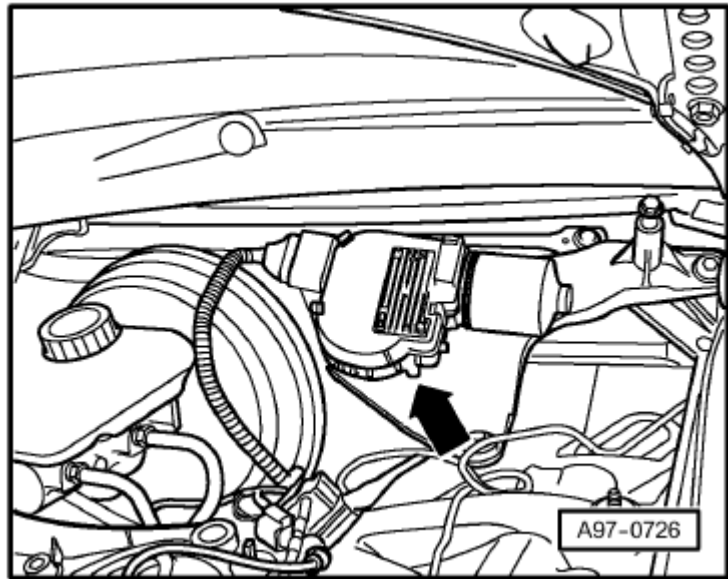
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Fitting Locations

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Wiper motor control unit -J400-**Location:**

In plenum chamber on windscreen wiper motor -arrow-



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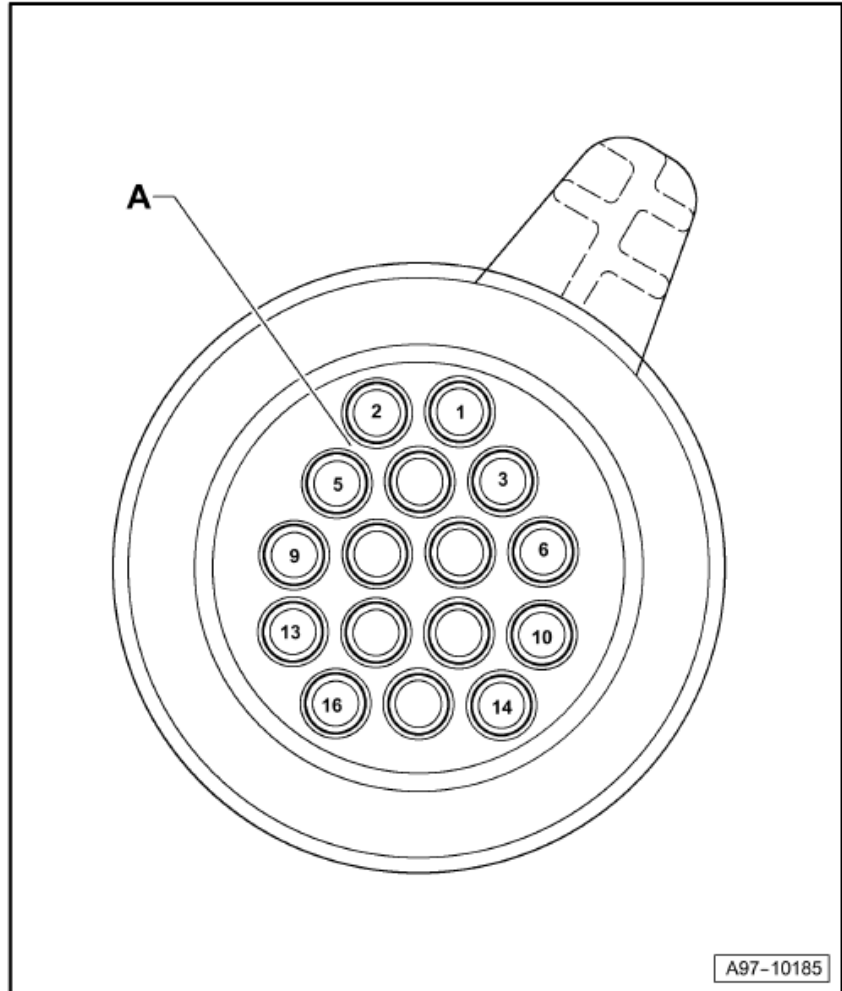
Fitting Locations

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Automatic gearbox control unit -J217-, gearbox 09E/09L

Connector assignment:

A - 16-pin connector -T16c-
, black



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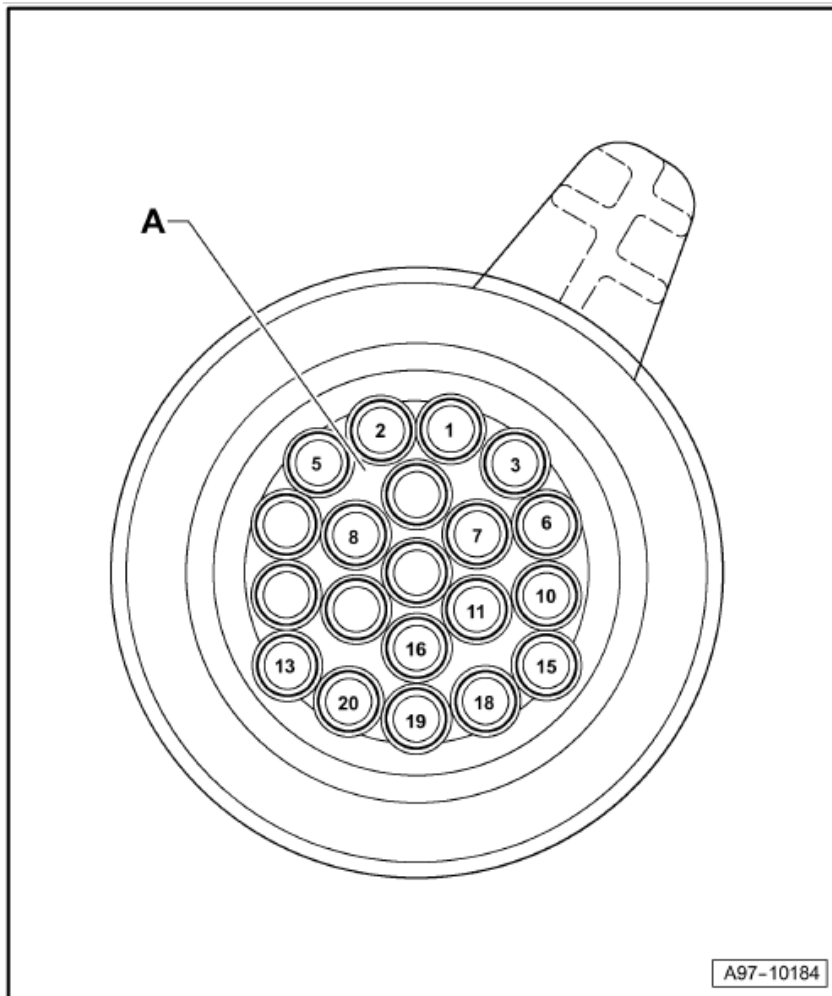
Fitting Locations

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Automatic gearbox control unit -J217-, gearbox 01J/01T

Connector assignment:

A - 20-pin connector -T20e-
, black



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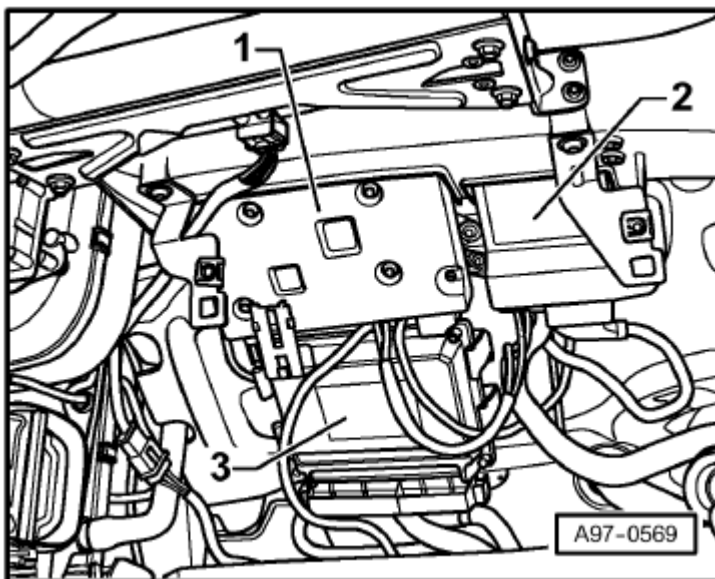
Fitting Locations

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Data bus diagnostic interface -J533-**Location:**

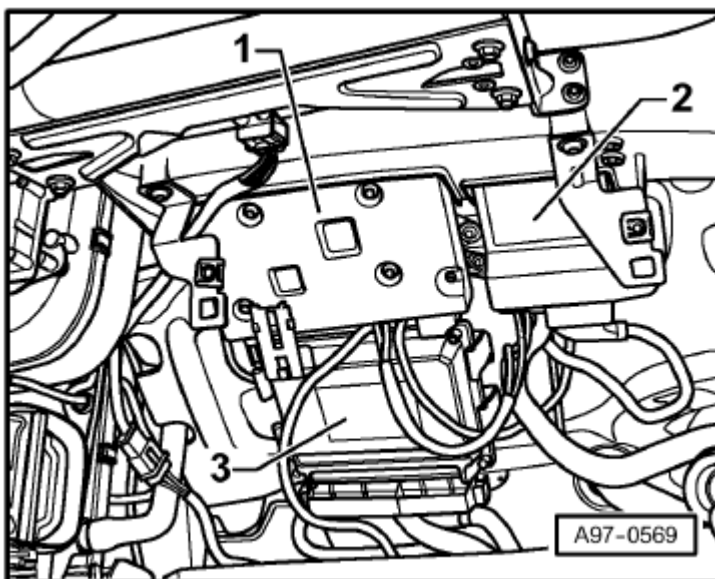
Behind the glove box -Item 2-

- 1 - Front information display and operating unit control unit -J523-
- 2 - Data bus diagnostic interface - J533-
- 3 - Adaptive suspension control unit - J197-

**Adaptive suspension control unit -J197-****Location:**

Behind the glove box -Item 3-

- 1 - Front information display and operating unit control unit -J523-
- 2 - Data bus diagnostic interface - J533-
- 3 - Adaptive suspension control unit - J197-



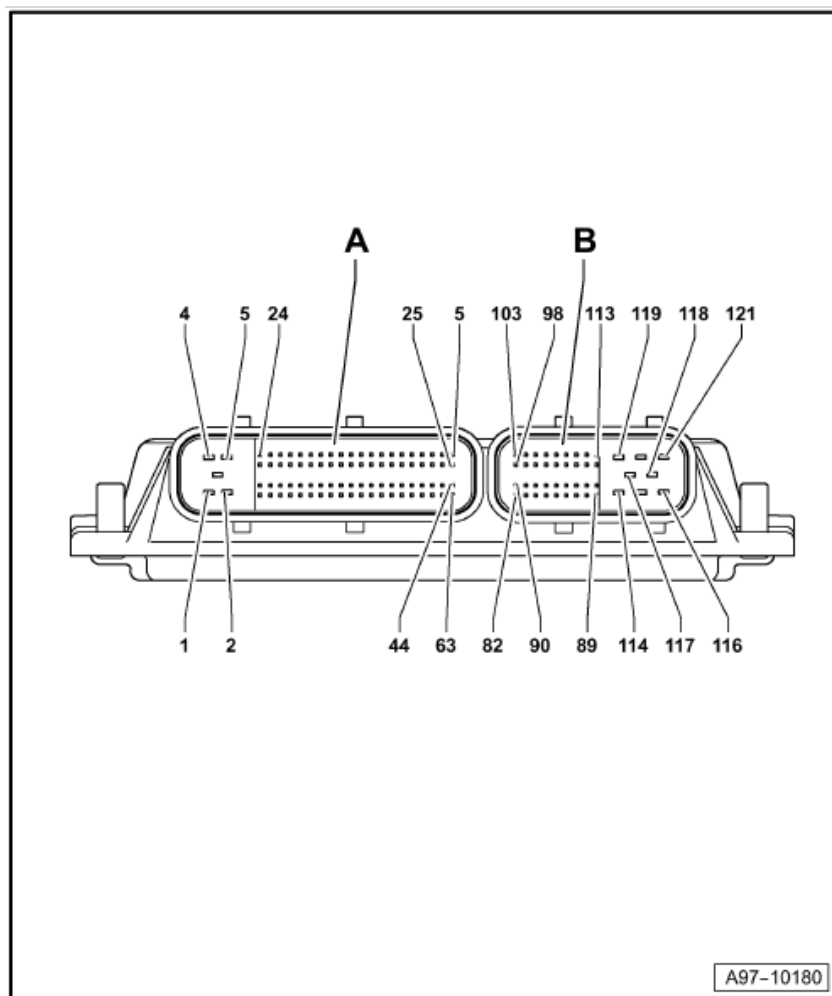
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Fitting Locations

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Connector assignment:

- A - 81-pin connector
(connector A), black
- B - 40-pin connector
(connector B), black



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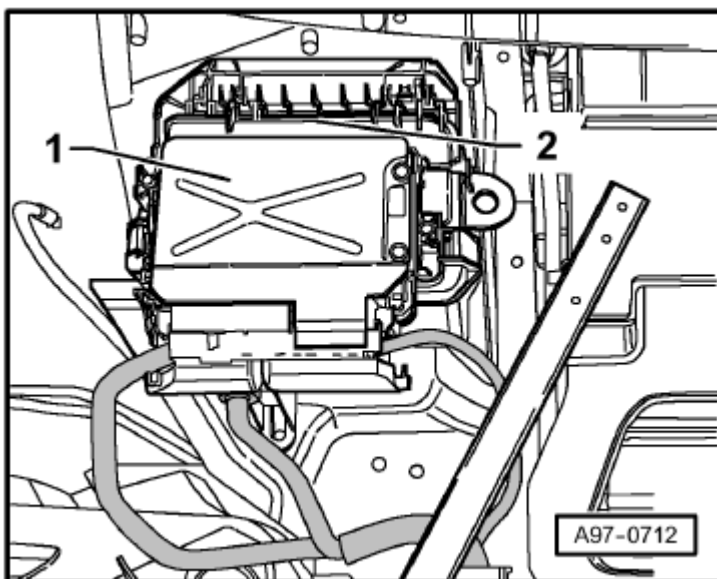
Fitting Locations

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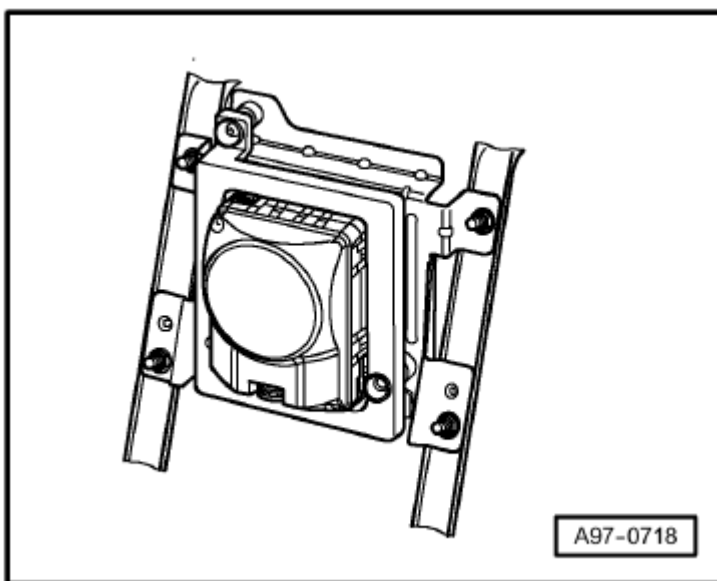
Engine control unit -J623-, engine control unit 2 -J624-**Location:**

Engine control unit -1- with electronics box -2- in plenum chamber

Engine control unit2 -J624-, installed under or next to engine control unit -J623-, depending on equipment

Adaptive cruise control unit - J428-**Location:**

Behind the front bumper, lower



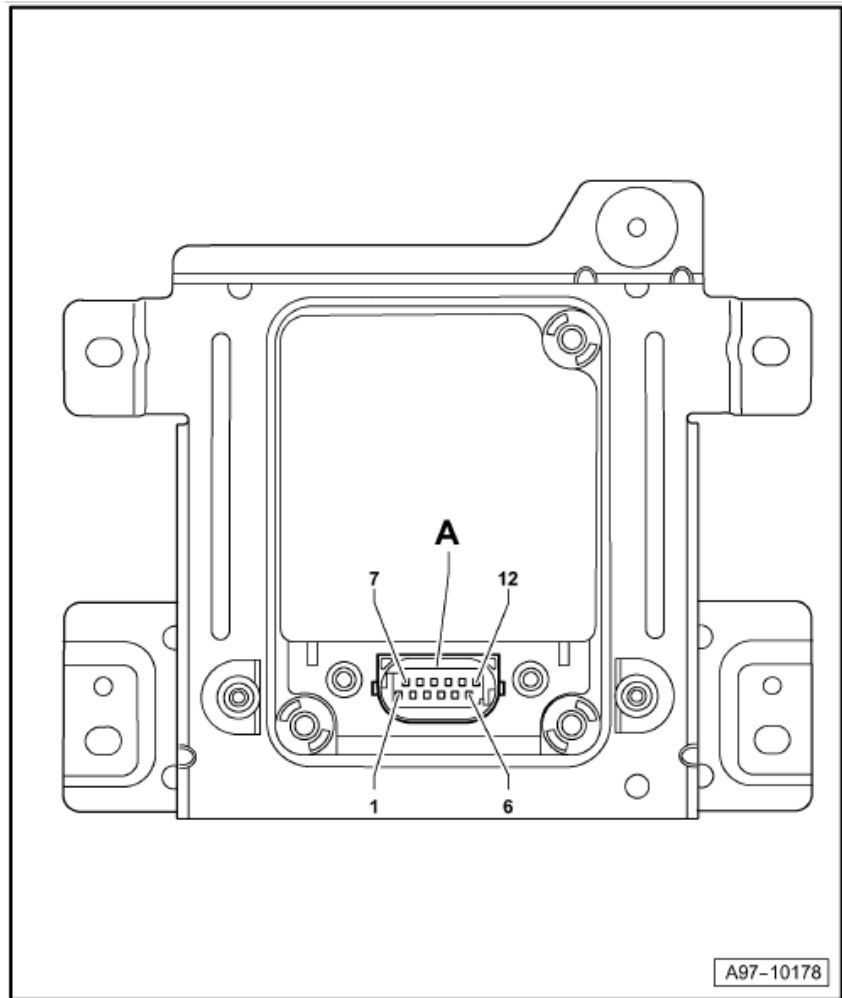
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Fitting Locations

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Connector assignment:

A - 12-pin connector, black



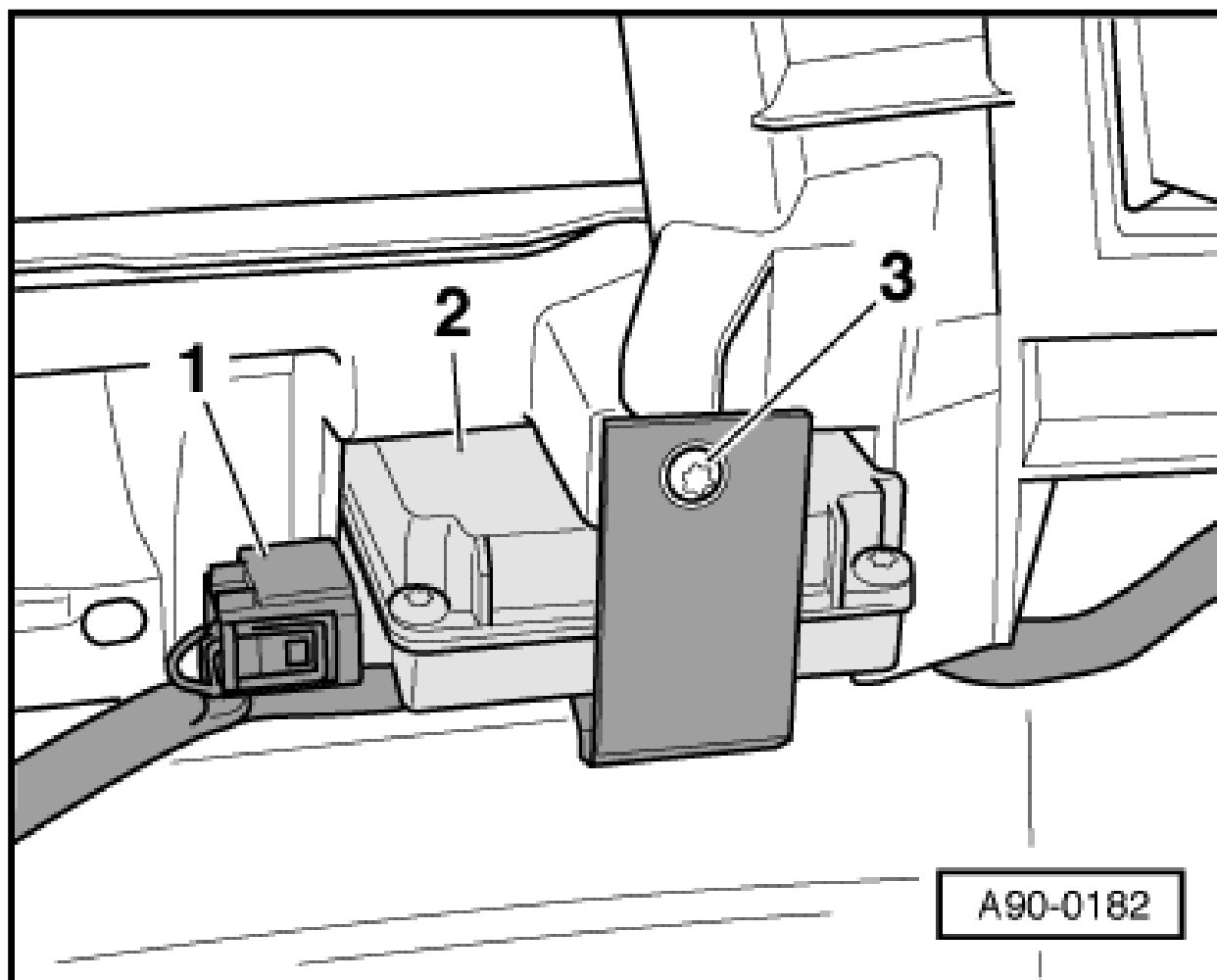
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Fitting Locations

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Garage door operation control unit -J530-**Location:**

Behind the front bumper, left



- 1 - 4-pin connector, black -T4bi-
- 2 - Garage door operation control unit -J530-
- 3 - Screw