

Sports exhaust system (I-no. 0P8/0P9)

Situation: **Retrofitting**

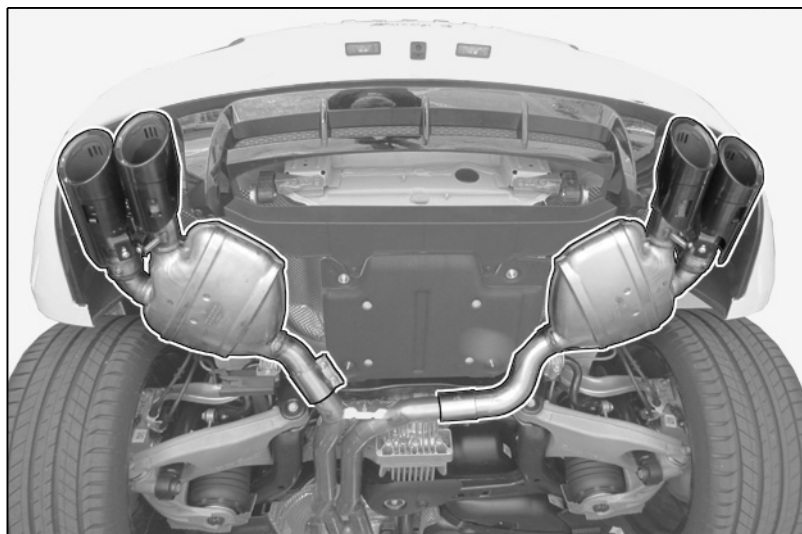
Model Year: **As of 2014**

Vehicle type: **Macan S/Macan Turbo**

Restriction: The sports exhaust system can be retrofitted starting from the following vehicle identification numbers.

Macan Turbo	Left-hand drive (LHD)	USA	WP1AF2A54FLB 9 1615 ¹
Macan S	Left-hand drive (LHD)	USA	WP1AB2A55FLB 5 3354 ¹
Macan Turbo	Left-hand drive (LHD)	RoW	WP1ZZZ95ZFLB 9 1614 ¹
Macan Turbo	Right-hand drive (RHD)	RoW	WP1ZZZ95ZFLB 9 1644 ¹
Macan S	Left-hand drive (LHD)	RoW	WP1ZZZ95ZFLB 5 3356 ¹
Macan S	Right-hand drive (RHD)	RoW	WP1ZZZ95ZFLB 5 3473 ¹

¹ Vehicles with a 4 instead of a 5 or 9 as the 13th character of the vehicle identification number were produced at a later date. Example: Macan Turbo WPXXX95XXX**4**7303. The vehicle can be retrofitted.



Note: The sports exhaust system is activated and deactivated using the strip for switches with the additional "Twin tailpipe" button or the standard "Sport" button. The sports exhaust system can be deactivated in Sport mode by pressing the "Twin tailpipe" button.
The strip for switches must be ordered separately.

Engine power and exhaust behaviour of the vehicle are not affected. The sports exhaust system is also available ex-works for new vehicles by requesting optional equipment "OP8/OP9".

Part Nos.:	95B.044.200.19	⇒ Sports exhaust system with silver tailpipe covers, LHD, set
	95B.044.200.20	⇒ Sports exhaust system with black tailpipe covers, LHD, set
	95B.044.200.21	⇒ Sports exhaust system with silver tailpipe covers, RHD, set
	95B.044.200.22	⇒ Sports exhaust system with black tailpipe covers, RHD, set
	Also order the following in accordance with vehicle equipment:	
	95B.907.04X.XX.DML²	⇒ Strip for switches (button module) with "sports exhaust system"

² See Porsche Electronic Parts Catalogue – PET, illustration 903–05

Parts List:

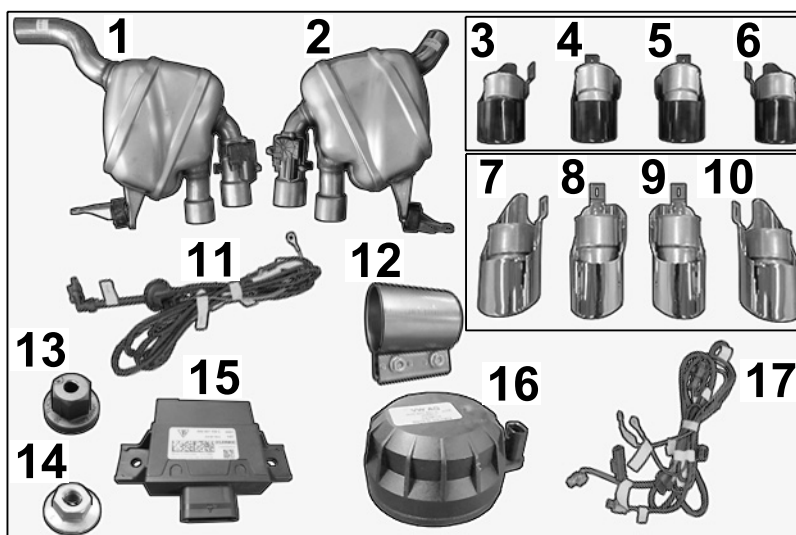


Figure 2

95B.253.612.FY	1 x	Rear silencer, right ⇒ Figure 2-1-
95B.253.611.FY	1 x	Rear silencer, left ⇒ Figure 2-2-
95B.253.681.R ^{4 6}	1 x	Tailpipe cover in chrome-plated stainless steel, high-gloss black, outer left ⇒ Figure 2-3-
95B.253.681.Q ^{4 6}	1 x	Tailpipe cover in chrome-plated stainless steel, high-gloss black, inner left ⇒ Figure 2-4-
95B.253.682.Q ^{4 6}	1 x	Tailpipe cover in chrome-plated stainless steel, high-gloss black, inner right ⇒ Figure 2-5-

95B.253.682.R ^{4 6}	1 x	Tailpipe cover in chrome-plated stainless steel, high-gloss black, outer right ⇒ <i>Figure 2-6-</i>
999.073.594.01	4 x	Lens-head screw, M6 x 12 (not shown)
95B.253.681.P ^{3 5}	1 x	Tailpipe cover in chrome-plated stainless steel, high-gloss silver, outer left ⇒ <i>Figure 2-7-</i>
95B.253.681.N ^{3 5}	1 x	Tailpipe cover in chrome-plated stainless steel, high-gloss silver, inner left ⇒ <i>Figure 2-8-</i>
95B.253.682.N ^{3 5}	1 x	Tailpipe cover in chrome-plated stainless steel, high-gloss silver, inner right ⇒ <i>Figure 2-9-</i>
95B.253.682.P ^{3 5}	1 x	Tailpipe cover in chrome-plated stainless steel, high-gloss silver, outer right ⇒ <i>Figure 2-10-</i>
95B.044.200.26 ^{3 4}	1 x	Wire harness for sports exhaust system (flap control), LHD ⇒ <i>Figure 2-11-</i>
958.111.220.10	2 x	Clamping sleeve ⇒ <i>Figure 2-12-</i>
95B.044.200.29 ^{5 6}	1 x	Wire harness for sports exhaust system (flap control), RHD (not shown)
999.076.081.40	2 x	Plastic nut ⇒ <i>Figure 2-13-</i>
N. 908.877.03	1 x	M6 nut, self-locking ⇒ <i>Figure 2-14-</i>
8R0.907.159.D	1 x	Engine noise pulse sender control unit ⇒ <i>Figure 2-15-</i>
4H0.907.601.D	1 x	Engine noise pulse sender ⇒ <i>Figure 2-16-</i>
95B.044.200.25	1 x	Wire harness for engine noise pulse sender ⇒ <i>Figure 2-17-</i>
N. 106.620.01	4 x	Screw, M8 x 40 (not shown)
999.513.052.40	25 x	Tie-wrap (not shown)
999.650.398.12	3 x	Cable ring eyelet (not shown)
999.607.084.00	1 x	Blade-type fuse, 10 A (not shown)
N. 912.098.01	1 x	Screw, 7/16 x 20, mounting for seat belt (not shown)
— — —	5 x	Adhesive pad (not shown)

³ Only contained in parts kit 95B.044.200.19.

⁴ Only contained in parts kit 95B.044.200.20.

⁵ Only contained in parts kit 95B.044.200.21.

⁶ Only contained in parts kit 95B.044.200.22.

Notes:

Identifying features when installed

- 1 – Marking on rear silencer, left
- 2 – Marking on rear silencer, right
- 3 – Marking on sports tailpipes

The Porsche logo, type number and part number are shown on the underside of the rear silencers as follows:

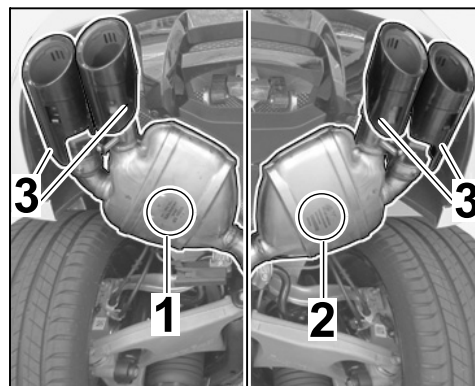


Figure 3

	Rear silencer, left	Rear silencer, right
Part number	95B.253.611.FY	95B.253.612.FY
Type number	T95B149	T95B152

The Porsche logo, part number and week/year of manufacture are shown on the underside of the sports tailpipes. See example in table below:

	Tailpipe covers, left	Tailpipe covers, right
Part number	95B.253.681.R/95B.253.681.Q	95B.253.682.R/95B.253.682.Q
Week/year of manufacture	29W14	29W14

The relevant legal regulations must be observed in the various countries.

For European Union (EU) member states:

The sports exhaust system described here is contained in the EU general certification for Macan vehicles (type 95B) as of e13*2007/46*1165*02 (M1 type approval) and e13*2007/46*1164*02 (N1 type approval).

Applicable only in Germany:

Approval of installation or mounting in accordance with § 19 or § 21 StVZO (German Road Traffic Regulations) and revision of the vehicle documents is not necessary since the sports exhaust systems specified above were approved with the vehicle ex works.

An EU type approval excerpt can be retrieved from the PIWIS information system. This excerpt must be used by the respective Porsche Centre to confirm that the components were fitted in accordance with regulations, and must be handed over to the customer. The excerpt confirming that components were installed according to regulations must be kept in the vehicle.

Materials:

— — — Wrapping tape (commercially available)
000.043.172.00 — — Sealing cord

Tools:

- Nr. 166 - Chain-type pipe cutters**
- Nr. 166-1 - Ratchet-type pipe cutters**
- 9818 - PIWIS Tester II**
- VAS 6935 - Pole terminal puller**
- 9873 - Bonnet stay**
- 3438 - Hook**

- Assembly:
- 1 Preparatory work.
 - 1.1 Remove wiper arms. ⇒ *Workshop Manual '922519 Removing and installing wiper arms'*
 - 1.2 Remove the windscreen moulding on the left or right. ⇒ *Workshop Manual '666119 Removing and installing the windscreen moulding'*
 - 1.3 Remove the cowl panel cover. ⇒ *Workshop Manual '508719 Removing and installing the cowl panel cover'*
 - 1.4 Remove the wiper motor. ⇒ *Workshop Manual '921519 Removing and installing the wiper motor'*
 - 1.5 Remove the filler neck from the washer-fluid reservoir.
 - 1.5.1 Remove the screws ⇒ *Figure 4 -2-*.
 - 1.5.2 Pull the filler neck ⇒ *Figure 4 -1-* out of the washer-fluid reservoir and remove it.
 - 1.6 Remove the trim panel under the dashboard on the left. ⇒ *Workshop Manual '70191901 Removing and installing the trim panel under the dashboard on the left'*
 - 1.6.1 Remove the dashboard trim panel on the left. ⇒ *Workshop Manual '701619 Removing and installing the dashboard trim panel'*
 - 1.6.2 Remove the dashboard moulding on the driver's side on the right. ⇒ *Workshop Manual '70581902 Removing and installing the dashboard moulding on the driver's side on the right'*
 - 1.6.3 Remove the dashboard moulding on the driver's side on the left. ⇒ *Workshop Manual '70581901 Removing and installing the dashboard moulding on the driver's side on the left'*
 - 1.6.4 Remove the trim panel under the dashboard on the left. ⇒ *Workshop Manual '70191901 Removing and installing the trim panel under the dashboard on the left'*
 - 1.7 Remove front inner door sill trim at the left. ⇒ *Workshop Manual '680519 Removing and installing front inner door sill trim'*

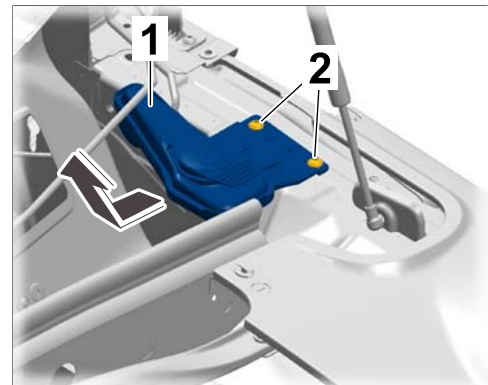


Figure 4

- 1.8 Remove the lower part of the B-pillar trim panel on the left.
- 1.8.1 Remove the upper part of the B-pillar trim panel on the left. ⇒ *Workshop Manual '706719 Removing and installing the upper part of the B-pillar trim panel'*
- 1.8.2 Detach the belt fitting on the left front seat. ⇒ *Workshop Manual '691119 Removing and installing the front three-point seat belt'*
- 1.8.3 Remove the lower part of the B-pillar trim panel on the left. ⇒ *Workshop Manual '706719 Removing and installing the lower part of the B-pillar trim panel'*

- 1.9 Remove rear left seat backrest.

- 1.9.1 Remove rear seat. ⇒ *Workshop Manual '724819 Removing and installing rear seat'*
- 1.9.2 Unscrew screw ⇒ *Figure 5-1* from belt fitting for centre seat belt ⇒ *Figure 5-2*.
- 1.9.3 Remove rear left seat backrest. ⇒ *Workshop Manual '724719 Removing and installing rear backrest'*

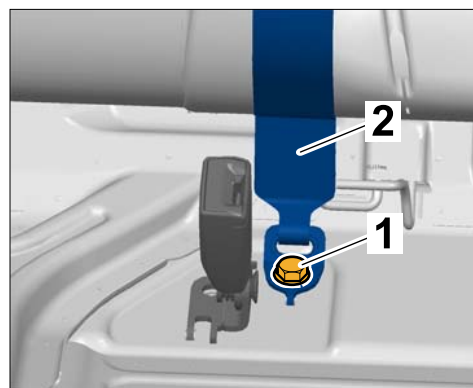


Figure 5

- 1.10 Remove trim panel for luggage compartment at the left side ⇒ *Figure 6-1*. ⇒ *Workshop Manual '700619 Removing and installing trim panel for luggage compartment (luggage compartment cover) at the sides'*

- 1.11 Remove the rear left door sill trim.

- 1.11.1 Remove the rear lock carrier cover. ⇒ *Workshop Manual '703919 Removing and installing the rear lock carrier cover'*

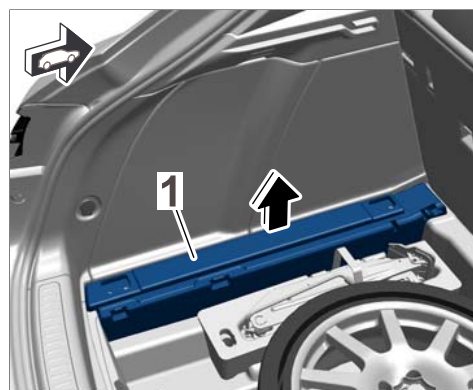


Figure 6

- 1.11.2 Remove the side trim panel for the luggage compartment on the left. ⇒ *Workshop Manual '700319 Removing and installing the side trim panel for the rear luggage compartment'*
- 1.11.3 **Only** for vehicles with rear side airbag:
Disconnect the battery. ⇒ *Workshop Manual '2X00IN Work instructions after disconnecting the battery'*

Remove the rear side airbag on the left. ⇒ *Workshop Manual '696419 Removing and installing the rear side airbag'*

- 1.11.4 Remove the rear left door sill trim. ⇒ *Workshop Manual '680519 Removing and installing the rear inner door sill trim'*
- 1.12 Loosen nuts ⇒ *Figure 7-1-*. Remove oddments tray ⇒ *Figure 7-2-*.
- 1.13 **Only** for vehicles with rear-differential lock (I-no. 1Y1):
Remove rear-differential lock and holder.
⇒ *Workshop Manual '397519 Removing and installing control unit for rear-differential lock'*
- 1.14 Loosen fuse box in the cowl panel.
- 1.14.1 Disconnect the battery. ⇒ *Workshop Manual '2X00IN Work instructions after disconnecting the battery'*
- 1.14.2 Remove the DME control unit. ⇒ *Workshop Manual '247019 Removing and installing the DME control unit'*
- 1.14.3 Release and disconnect electric plug connections ⇒ *Figure 8-1-*.
Unscrew screw from B+ line ⇒ *Figure 8-2-* and remove from the fuse box ⇒ *Figure 8-3-*.

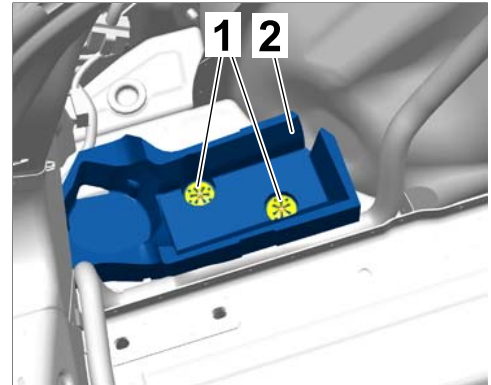


Figure 7

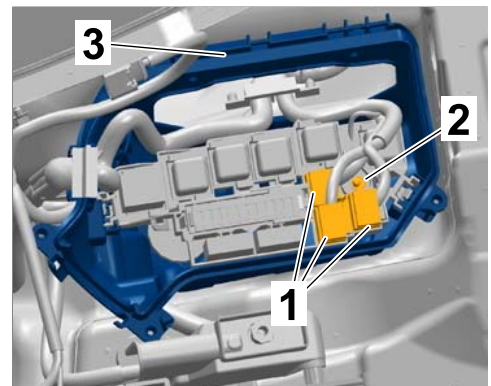


Figure 8

- 1.14.4 Release fuse box ⇒ *Figure 9-1-* at the left and right ⇒ *Figure 9-a-* and set it aside.

- 2 Install an electric wire harness for the sports exhaust system (flap control).



Information

In right-hand drive vehicles, the wire harness for the sports exhaust system is routed towards the front on the right side of the vehicle. See sections 2.2.2 and 2.2.3.

- 2.1 Overview of wire harness routing for the sports exhaust system (LHD ⇒ *Figure 10*).

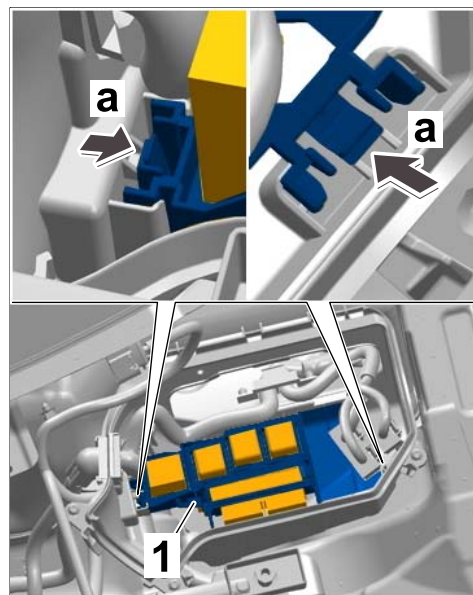


Figure 9

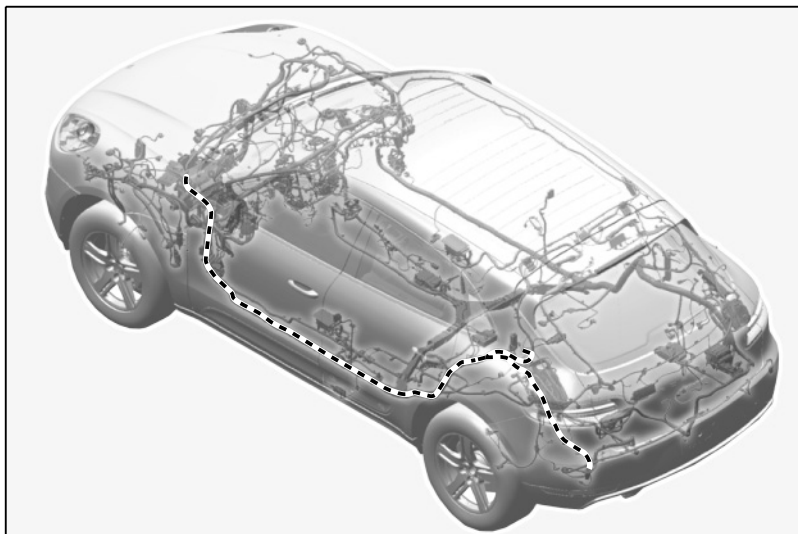


Figure 10

- 2.2 Route the electric wire harness for the sports exhaust system

- 2.2.1 Press out stopper ⇒ *Figure 11-2-*.

Guide connector through the bore and fit grommet ⇒ *Figure 11-1-*.

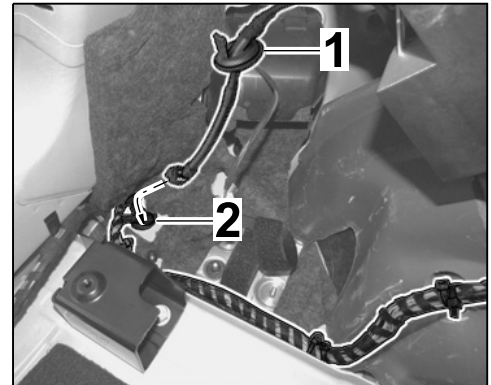


Figure 11

- 2.2.2 **Only** for RHD vehicles:
Route the electric wire harness for the sports exhaust system ⇒ *Figure 12-1-* on the right-hand side of the vehicle and secure using adhesive pads ⇒ *Figure 12-2-*.

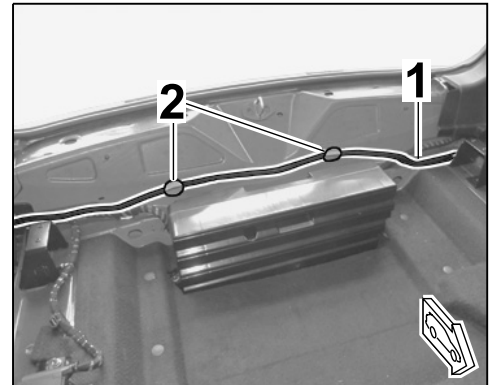


Figure 12

- 2.2.3 **Only** for RHD vehicles:
Connect the ground line ⇒ *Figure 13-1-* to ground pin 42 ⇒ *Figure 13-2-*.
Tightening torque 9 Nm (6.5 ftlb.)

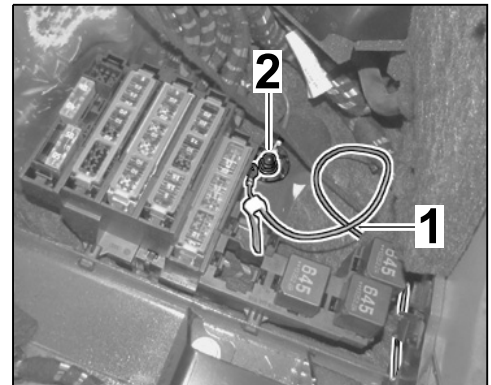


Figure 13

- 2.2.4 **Only** for LHD vehicles:
Connect the ground line \Rightarrow *Figure 14-1*- to ground pin 43 \Rightarrow *Figure 14-2*-.
Tightening torque 9 Nm (6.5 ftlb.)

Secure the wire harness for the sports exhaust system to the standard wire harness using tie-wraps.

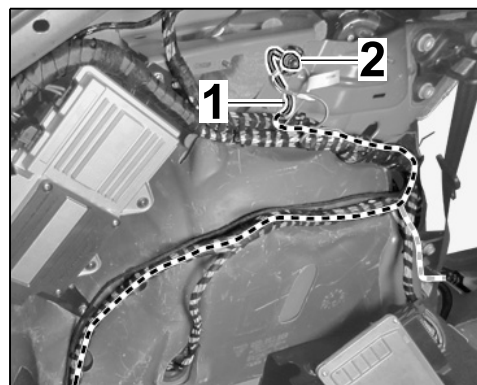


Figure 14

- 2.2.5 Secure the wire harness for the sports exhaust system \Rightarrow *Figure 16-1*- to the standard wire harness of the passenger compartment on the left,

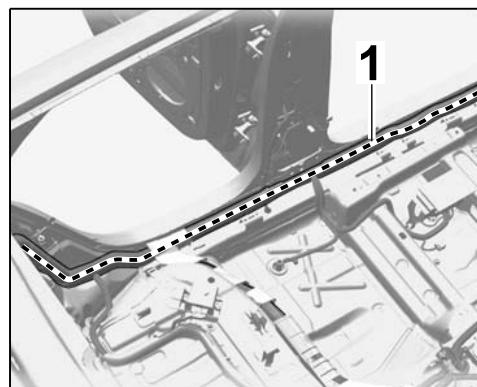


Figure 15

and across the A-pillar to the fuse box in the cowl panel. Secure using tie-wraps.

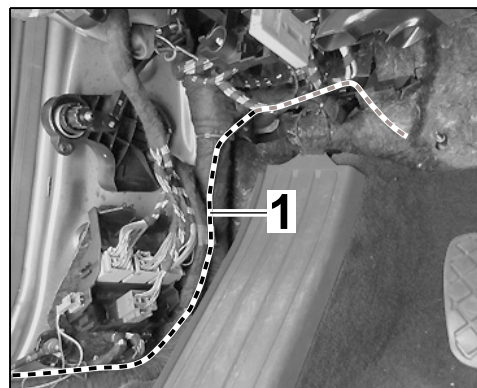


Figure 16



Information

Ensure socket contact is seated securely.

- 2.3 Connect the VT/BU line ⇒ *Figure 17-1-* to the red connector (fuse box in cowl panel).

2.3.1 Open secondary lock ⇒ *Figure 17-a-*.

2.3.2 Insert socket contact ⇒ *Figure 17-b-* of VT/BU line into chamber 6.



Information

Ensure socket contact is seated securely.

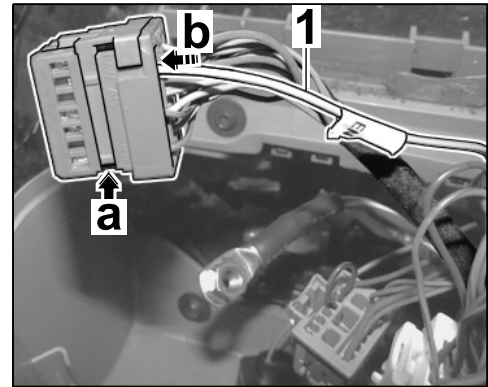


Figure 17

- 2.4 Connect the disconnection point for the sports exhaust system wire harness.

2.4.1 Press socket contact of RD/GN line ⇒ *Figure 18-1-* out of the red connector, chamber 17 using press-out tool ⇒ *Figure 18-b-*.

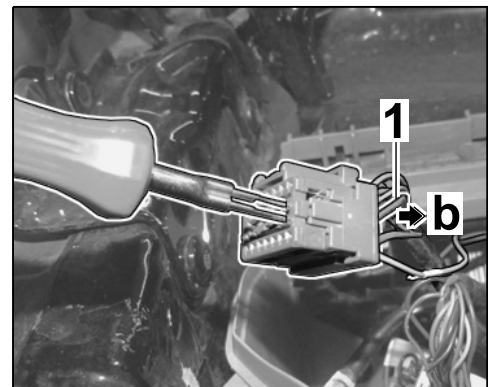


Figure 18

2.4.2 Open secondary lock ⇒ *Figure 19-1-* on the plug socket (connection point) ⇒ *Figure 19-a-*.

Insert socket contact of the RD/GN line you pressed out ⇒ *Figure 19-2-* into chamber 2 of the plug socket ⇒ *Figure 19-b-*.

Close secondary lock on the plug socket (connection point).

2.4.3 Insert adapter line ⇒ *Figure 19-3-* (connection point) into chamber 17 of the red connector ⇒ *Figure 19-c-*.

2.4.4 Close secondary lock on red connector.

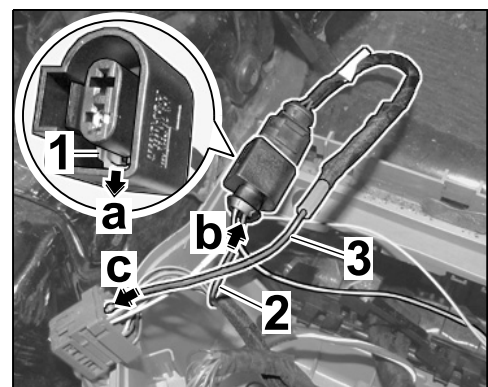


Figure 19

- 3 Fit the engine noise pulse sender and the control unit of the engine noise pulse sender.

3.1 Align the engine noise pulse sender ⇒ *Figure 20-3-* with the guide lug on the holder and tighten using the M6 nut ⇒ *Figure 20-4-*.

3.2 Position the engine noise pulse sender control unit ⇒ *Figure 20-1-* on the welded studs and tighten using plastic nuts ⇒ *Figure 20-2-*.

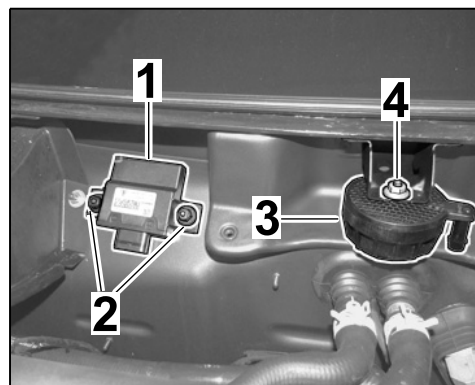


Figure 20

- 4 Install an electric wire harness for the engine noise pulse sender.

4.1 Prepare the wire harness for the engine noise pulse sender.

4.1.1 Disconnect the adapter lead ⇒ *Figure 21-3-*, plug socket and pin connector socket ⇒ *Figure 21-4-* from the wire harness of the engine noise pulse sender.

4.1.2 Secure the socket contacts ⇒ *Figure 21-1-* and pin contacts ⇒ *Figure 21-2-* of the OR/BK and OR/BN lines to the wire harness of the engine noise pulse sender using wrapping tape.

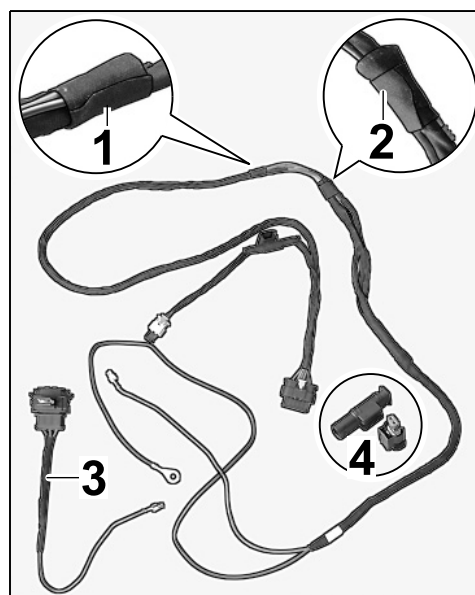


Figure 21

4.2 Unclip wire harness holder ⇒ *Figure 22-1-* using a mounting lever.

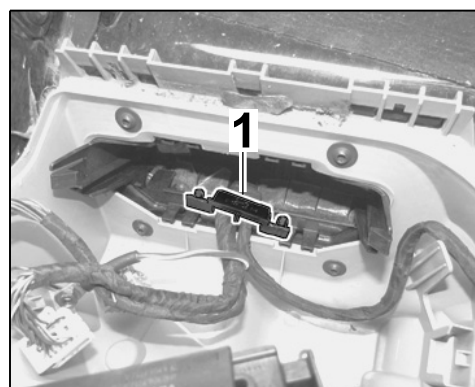


Figure 22

- 4.3 Connect the plug connection \Rightarrow *Figure 23-1-* to the engine noise pulse sender control unit.

Fit clip \Rightarrow *Figure 23-2-* on bolt.

Create a plug connection \Rightarrow *Figure 23-3-* to the engine noise pulse sender.

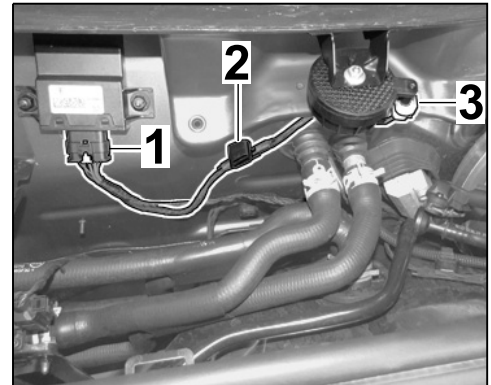


Figure 23

- 4.4 Route the wire harness of the engine noise pulse sender \Rightarrow *Figure 24-1-* along the positive cable to the grommet on the fuse box in the cowl panel \Rightarrow *Figure 24-2-* and secure using tie-wraps.

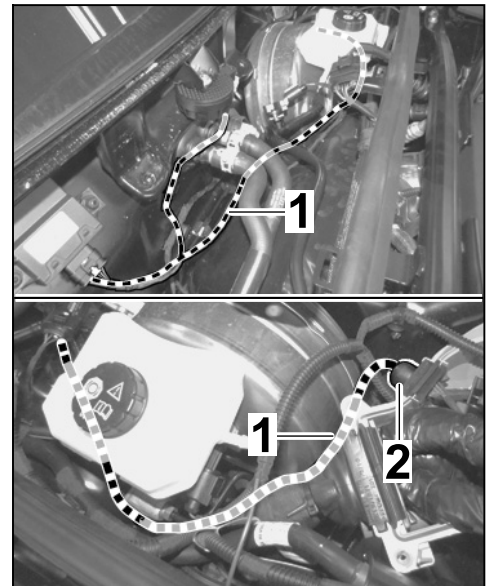


Figure 24

- 4.5 Pull the grommet \Rightarrow *Figure 25-1-* partly out of the fuse box in the cowl panel \Rightarrow *Figure 25-a-* and punch it.



Information

Secure pin and socket contacts on the wire harness before feeding the wire harness through.

Carefully feed wire harness for engine noise pulse sender \Rightarrow *Figure 25-2-* through the grommet \Rightarrow *Figure 25-b-*.

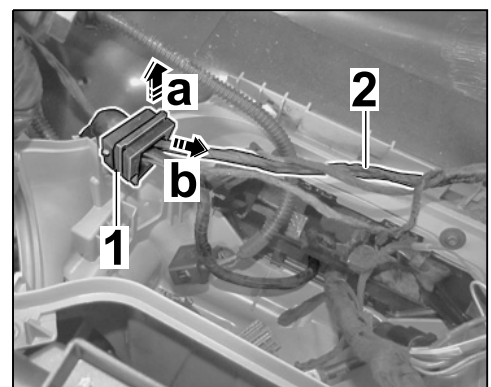


Figure 25

Feed the RD/YE ⇒ *Figure 26-2-* and BN lines ⇒ *Figure 26-1-* through the drawer of the DME control unit into the passenger compartment.



Information

Handle CAN lines with care and re-twist lines manually if necessary.

- 4.6 Connect CAN lines from the engine noise pulse sender wire harness.

- 4.6.1 Open the secondary lock ⇒ *Figure 27-1-* of the white plug.



Information

Ensure socket contact is seated securely.

- 4.6.2 Press the OR/BN line out of chamber 13 and insert it into the plug socket ⇒ *Figure 27-2-* of chamber 1 ⇒ *Figure 27-a-*.

Press OR/BK line out of chamber 14 and insert it into chamber 2 of plug socket ⇒ *Figure 27-2-* (⇒ *Figure 27-b-*).

- 4.6.3 Close secondary lock on plug socket ⇒ *Figure 27-2-* (⇒ *Figure 27-c-*).



Information

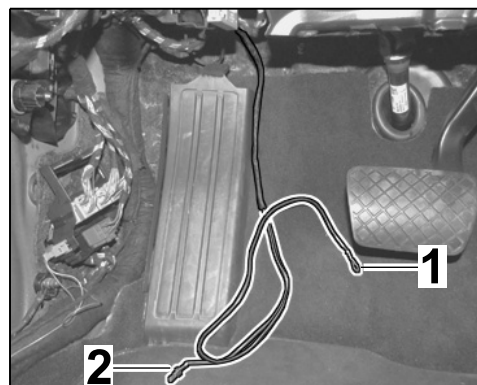


Figure 26

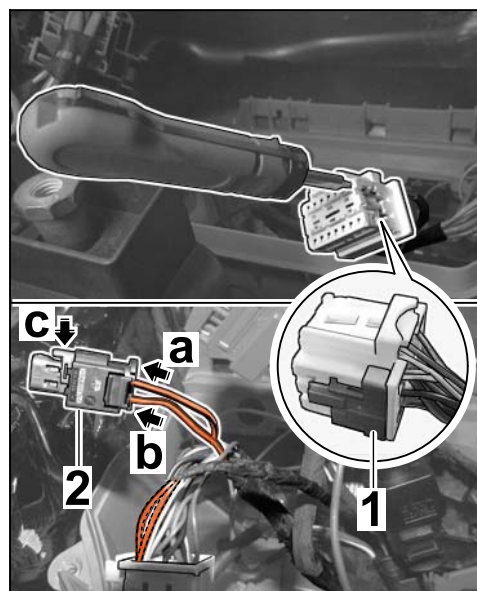


Figure 27

Ensure socket contact is seated securely.

- 4.6.4 Insert OR/BN line from the engine noise pulse sender wire harness \Rightarrow *Figure 28-1* into the white connector of chamber 13 \Rightarrow *Figure 28-a*.

Insert the OR/BK line of the engine noise pulse sender wire harness into the white connector in chamber 14.

Twist CAN lines \Rightarrow *Figure 28-b* manually.

- 4.6.5 Fit secondary lock of the white connector.



Information

Ensure socket contact is seated securely.

- 4.7 Connect pin contacts of the engine noise pulse sender wire harness (CAN lines).

- 4.7.1 Insert a small screwdriver between the pin connector socket \Rightarrow *Figure 29-1* and housing \Rightarrow *Figure 29-2* \Rightarrow *Figure 29-a*.

Lift carefully \Rightarrow *Figure 29-b* and disconnect the pin connector socket from the housing.

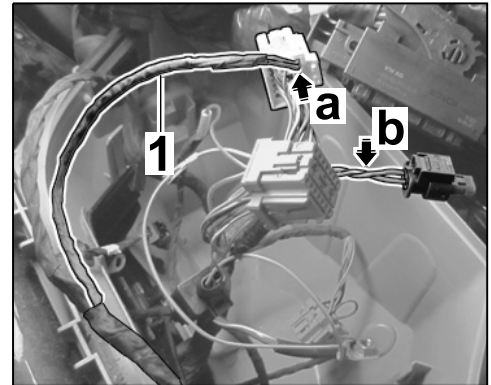


Figure 28

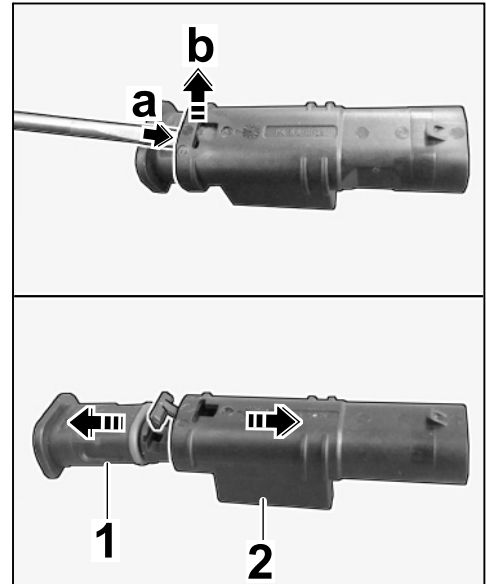


Figure 29



Information

Labelling of the chambers on the housing ⇒ Figure 30 -3-.

- 4.7.2 Insert pin contact of the OR/BK line ⇒ *Figure 30-2-* into chamber 2.

Insert the pin contact of the OR/BN line ⇒ *Figure 30-1-* into chamber 1.

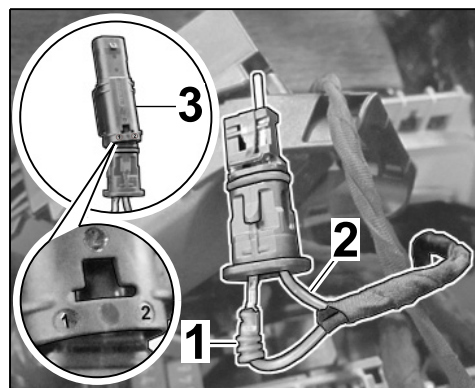


Figure 30

- 4.8 Route the wire harness for the engine noise pulse sender ⇒ *Figure 31-2-* and the wire harness for the sports exhaust system ⇒ *Figure 31-1-* parallel to the standard lines.

Clip in the wire harness holder ⇒ *Figure 31-3-*.

- 4.9 Secure fuse box in the cowl panel.

- 4.9.1 Fit the fuse box in the cowl panel.

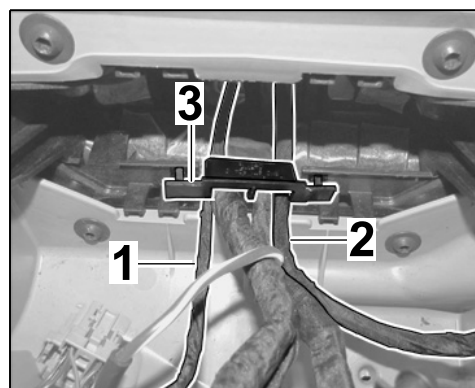


Figure 31

- 4.9.2 Connect the electric plug connectors (disconnection points).

- 2** – Disconnection point for CAN lines
- 3** – Disconnection point for RD/GN line

- 4.9.3 Seal grommet ⇒ *Figure 32-1-* using sealing cord.

- 4.9.4 Tighten screw on B+ line.
Tightening torque 9 Nm (6.5 ftlb.)

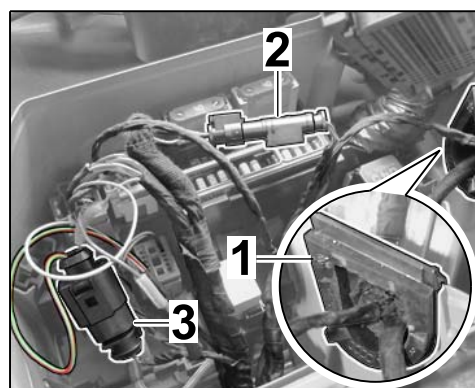


Figure 32

- 4.9.5 Install the DME control unit ⇒ *Figure 33-1-.* ⇒ *Workshop Manual '247019 Removing and installing the DME control unit'*

Secure the disconnection points ⇒ *Figure 33-2-* in the fuse box using tie-wraps to prevent rattle.

- 4.10 Wiring diagram for the engine noise pulse sender wire harness (passenger compartment).

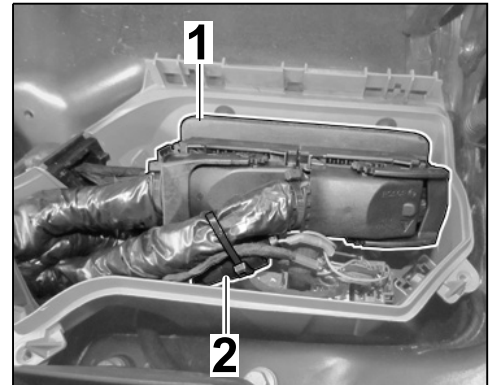


Figure 33

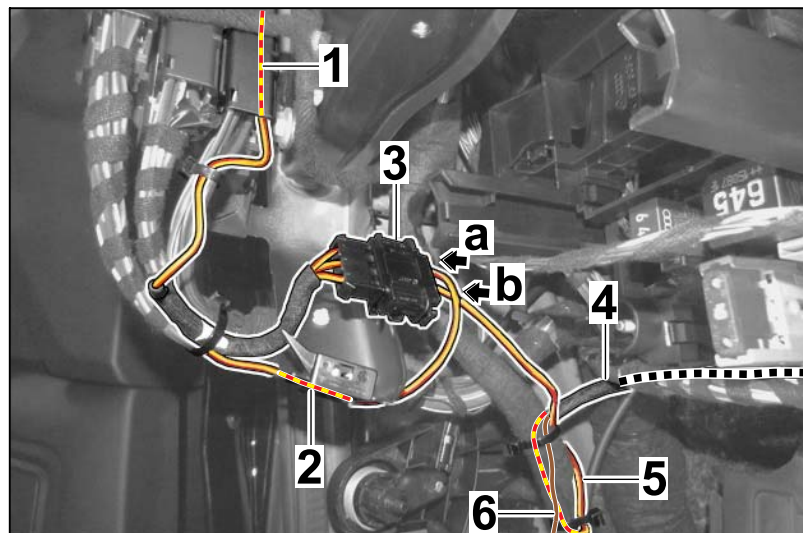


Figure 34

- 1 – Adapter lead (RD/YE) from disconnection point to fuse strip A (black)
- 2 – Standard RD/YE line to fuse strip A (black)
- 3 – Disconnection point
- 4 – Engine noise pulse sender wire harness (RD/YE lines and BN ground line)
- 5 – RD/YE line (engine noise pulse sender wire harness)
- 6 – BN ground line (engine noise pulse sender wire harness)

- 4.11 Connect the adapter lead (RD/YE).

- 4.11.1 Release fuse strip A (black) ⇒ *Figure 35-1-* using a screwdriver ⇒ *Figure 35-a-* and remove it by pulling it to the rear ⇒ *Figure 35-b-* and out of the fuse box.

Release the cover cap of fuse strip A (black) ⇒ *Figure 35-2-* on both sides ⇒ *Figure 35-3-* and remove it ⇒ *Figure 35-c-*.

Use a screwdriver ⇒ *Figure 35-4-* to open the secondary lock ⇒ *Figure 35-5-* of fuse strip A (black) ⇒ *Figure 35-d-*.

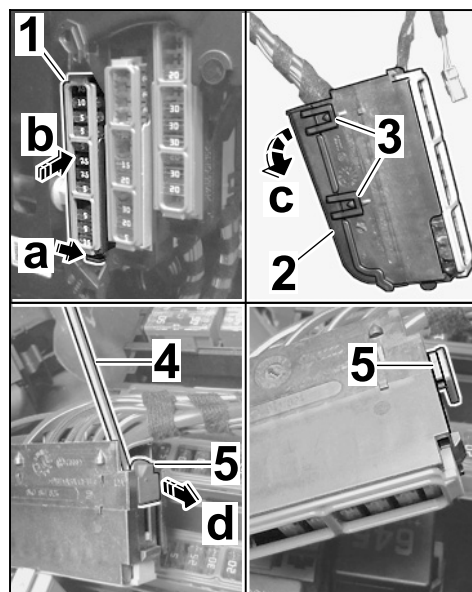


Figure 35

- 4.11.2 Remove the wrapping tape ⇒ *Figure 36-1-* from the standard wire harness.

Unlock and pull out the socket contact of the RD/YE line from chamber 3 on fuse strip A (black) ⇒ *Figure 36-arrow-*.

- 4.11.3 Open the cover of the plug socket (disconnection point) ⇒ *Figure 37-3-*.

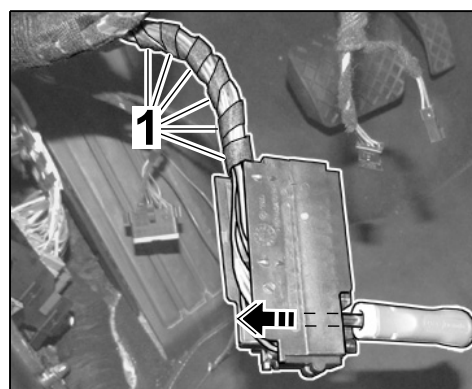


Figure 36



Information

Ensure socket contact is seated securely.

Insert the removed socket contact of the RD/YE line ⇒ *Figure 37-2-* into the plug socket (disconnection point) ⇒ *Figure 37-3-* ⇒ *Figure 37-b-*.



Information

Ensure socket contact is seated securely.

Insert socket contact of the adapter lead (RD/YE) ⇒ *Figure 37-1-* into chamber 3 ⇒ *Figure 37-a-* of fuse strip A (black).

- 4.11.4 Close secondary lock on fuse strip A (black).

Fit cover cap of fuse strip A (black).

- 4.11.5 Secure the adapter lead (RD/YE) ⇒ *Figure 38-3-* to the standard wire harness using wrapping tape.

Fit fuse strip A (black) ⇒ *Figure 38-1-* in the fuse box ⇒ *Figure 38-a-*.

Secure the pin connector socket (disconnection point) ⇒ *Figure 38-2-* to the edge ⇒ *Figure 38-b-*.

- 4.11.6 Insert 10 A blade-type fuse into slot 3 on the fuse strip.

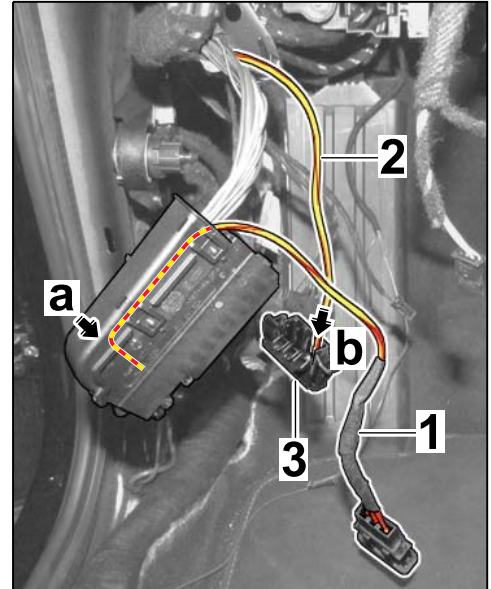


Figure 37

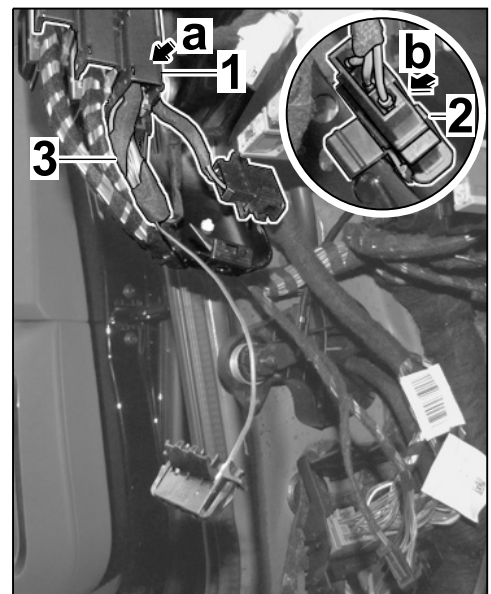


Figure 38

- 4.12 Connect the RD/YE line \Rightarrow *Figure 39-2-* and BN line \Rightarrow *Figure 39-1-* of the engine noise pulse sender wire harness.

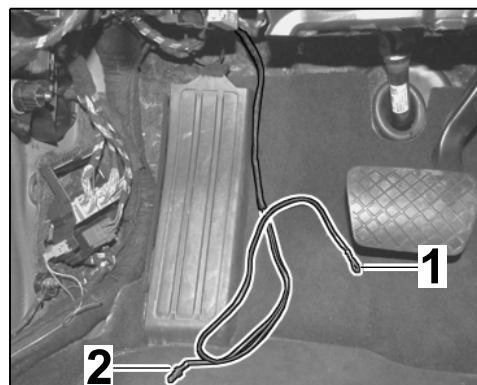


Figure 39

**Information**

Ensure socket contact is seated securely.

- 4.12.1 Insert RD/YE line \Rightarrow *Figure 40-1-* into the plug socket of the disconnection point \Rightarrow *Figure 40-2-* \Rightarrow *Figure 40-a-*.

Close the cover of the plug socket (disconnection point).

Connect the disconnection point plug.

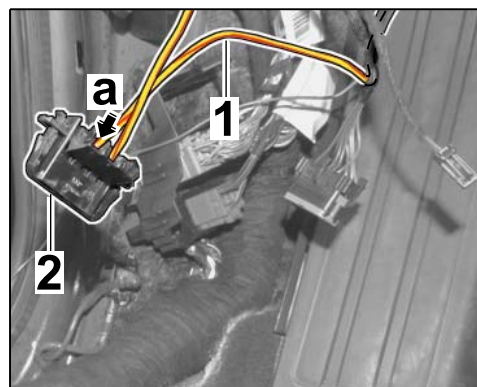


Figure 40

**Information**

Secure ground line (BN) to ground pin 22 in right-hand drives.

- 4.12.2 Secure the ground line (BN) \Rightarrow *Figure 41-1-* to ground pin 21 \Rightarrow *Figure 41-2-*.
Tightening torque 9 Nm (6.5 ftlb.)

5 Concluding work.

- 5.1 **Only** for vehicles with rear-differential lock (I-no. 1Y1):
Install rear-differential lock and holder.
 \Rightarrow *Workshop Manual '397519 Removing and installing control unit for rear-differential lock'*

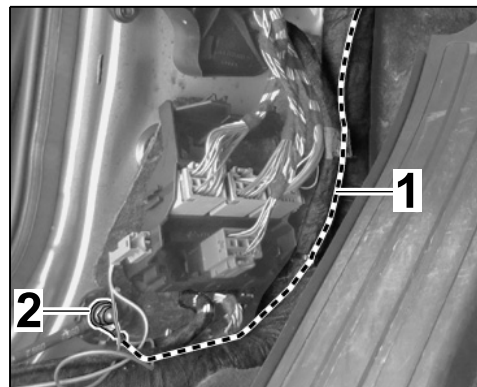


Figure 41

- 5.2 Insert oddments tray ⇒ *Figure 42-2*.
Tighten nuts ⇒ *Figure 42-1*.

- 5.3 Install the rear door sill trim.

- 5.3.1 Install the rear door sill trim at the left. ⇒ *Workshop Manual '680519 Removing and installing the rear inner door sill trim'*

- 5.3.2 **Only** for vehicles with rear side airbag:

Install the rear side airbag on the left. ⇒ *Workshop Manual '696419 Removing and installing the rear side airbag'*

- 5.3.3 Install the side trim panel for the luggage compartment on the left. ⇒ *Workshop Manual '700319 Removing and installing the side trim panel for the rear luggage compartment'*

- 5.3.4 Install the rear lock carrier cover. ⇒ *Workshop Manual '703919 Removing and installing the rear lock carrier cover'*

- 5.4 Install trim panel for luggage compartment at the left side. ⇒ *Workshop Manual '700619 Removing and installing trim panel for luggage compartment (luggage compartment cover) at the sides'*

- 5.5 Install the rear left seat backrest.

- 5.5.1 Install the rear left seat backrest. ⇒ *Workshop Manual '724719 Removing and installing the rear backrest'*

- 5.5.2 Tighten the belt fitting ⇒ *Figure 43-2* for the centre seat belt using a new screw ⇒ *Figure 43-1*.

Tightening torque 50 Nm (37 ftlb.)

- 5.5.3 Install the rear seat. ⇒ *Workshop Manual '724819 Removing and installing the rear seat'*

- 5.6 Install the lower part of the B-pillar trim panel on the left.

- 5.6.1 Install the lower part of the B-pillar trim panel on the left. ⇒ *Workshop Manual '706719 Removing and installing the lower part of the B-pillar trim panel'*

- 5.6.2 Install the upper part of the B-pillar trim panel on the left. ⇒ *Workshop Manual '706719 Removing and installing the upper part of the B-pillar trim panel'*

- 5.6.3 Secure the belt fitting on the left front seat. ⇒ *Workshop Manual '691119 Removing and installing the front three-point seat belt'*

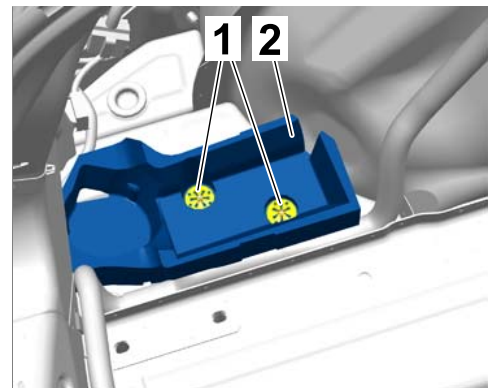


Figure 42

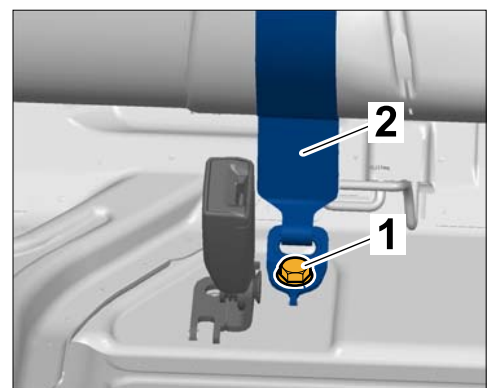


Figure 43

- 5.7 Install front inner door sill trim at the left. ⇒ *Workshop Manual '680519 Removing and installing front inner door sill trim'*
- 5.8 Install trim panel under dashboard at the left. ⇒ *Workshop Manual '70191901 Removing and installing trim panel under dashboard at the left'*
- 5.9 Install filler neck for washer-fluid reservoir.
- 5.9.1 Insert filler neck ⇒ *Figure 44 -1-* into the washer-fluid reservoir.
- 5.9.2 Screw in and tighten screws ⇒ *Figure 44 -2-*.
- 5.10 Install wiper motor. ⇒ *Workshop Manual '921519 Removing and installing wiper motor'*
- 5.11 Install the cowl panel cover. ⇒ *Workshop Manual '508719 Removing and installing the cowl panel cover'*
- 5.12 Install the wiper arms. ⇒ *Workshop Manual '921519 Removing and installing the wiper motor'*
- 5.13 Install windscreen moulding at the left or right.

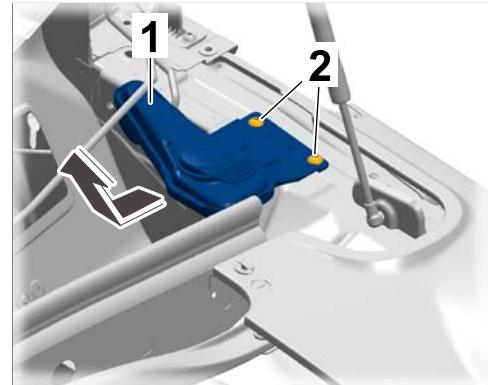


Figure 44

- 6 Install new rear silencers.
- 6.1 Replace rear silencer. ⇒ *Workshop Manual '263355 Replacing rear silencer'*
- 6.2 Connect connector ⇒ *Figure 45 -2-* on servo motor for exhaust flap control ⇒ *Figure 45 -1-* at the left and right. Lock connector.
- 6.3 Install tailpipe cover. ⇒ *Workshop Manual '263519 Removing and installing tailpipe cover'*
- 7 Connect the battery. ⇒ *Workshop Manual '2X00IN Work instructions after disconnecting the battery'*
- 8 Convert front button module.

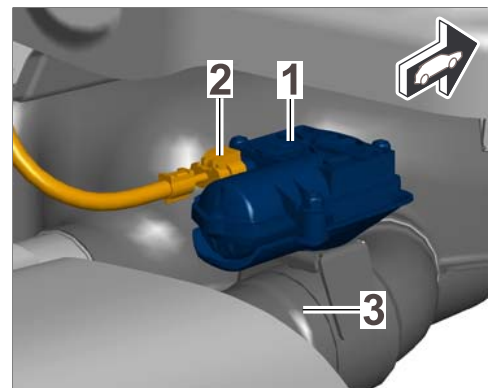


Figure 45

- 8.1 Remove switch console. ⇒ *Workshop Manual '962719 Removing and installing switch console'*

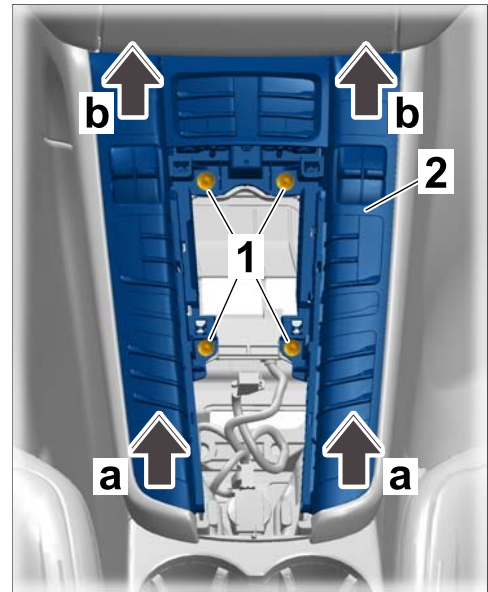


Figure 46

- 8.2 Replace button module at the right.
- 8.2.1 Disconnect plug connection ⇒ *Figure 47-3-*.
- 8.2.2 Remove screws ⇒ *Figure 47 -arrows-*.
- 8.2.3 Replace button module ⇒ *Figure 47-2-* with a new button module with "sports exhaust system".
- 8.2.4 Tighten screws.
- 8.2.5 Connect plug connection.

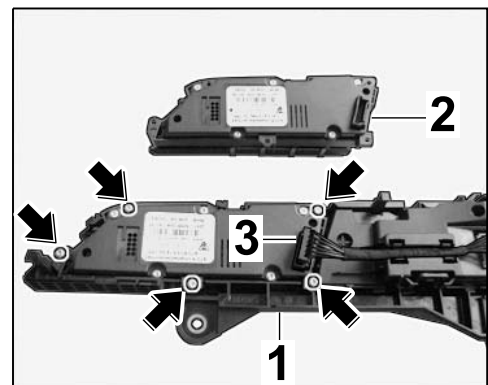


Figure 47

- 8.3 Install front switch console. ⇒ *Workshop Manual '962719 Removing and installing switch console'*.

- 9 Connect a battery charger. ⇒ *Workshop Manual '2X00IN Battery trickle charging'*

NOTICE

Voltage drop

- Risk of irreparable damage to control unit
- Risk of damage to control unit
- Fault entries in the control unit
- Coding in the control unit is aborted
- Malfunctions in control unit, even during programming

⇒ Prior to disconnecting the control unit, switch off ignition and remove ignition key.

- ⇒ Ensure that the power supply is not interrupted during programming.
- ⇒ Connect a battery charger with a current rating of at least Nominal value 40 A to the vehicle battery.



Information

The **9818 - PIWIS Tester II** instructions take precedence since the description may be different with later Tester releases.

The procedure described here has been structured in general terms. Different text or additional information may appear in **9818 - PIWIS Tester II**.

10 Code sports exhaust system.

10.1 **9818 - PIWIS Tester II** must now be connected and the ignition switched on.

10.2 Select the required vehicle type. PIWIS Tester II Diagnostics starts.

10.3 Maintenance of vehicle data.

10.3.1 **Additional menu** must now be selected by pressing **•F7"**. Press **•F11"** to confirm the question "Create vehicle analysis log (VAL)?".

10.3.2 Select the **Maintenance of vehicle data** function. Press **•F12"** until **PR numbers** appears in the Value group column.

10.3.3 Select **Exhaust tailpipe** in the Family column.

Open the sub-menu in the Value column and select **OP8 - Sports exhaust system or OP9 - Sports exhaust system, black**.

10.3.4 Select **Interior sound measures** in the Family column.

Open the sub-menu in the Value column and select **2HB - Interior sound measures, shaker**. Press **•F12"** to continue.

10.3.5 The selected values appear. Press **•F8"** to write values. Wait until the message **Generation of vehicle data is complete. to continue.** appears.

10.3.6 Press **•F12"** to switch to Report management. Press **•F10"** to open the log and check that the vehicle equipment **OP8 - Sports exhaust system or OP9 - Sports exhaust system, black 2HB - Interior sound measures, shaker** is entered. Close the log.

Press **•F11"** to switch to the control unit overview.

10.4 Adapt coding.

10.4.1 Select all control units by pressing **•Ctrl A"**.

Switch to the **Codings/adaptations** menu.

10.4.2 **Automatic coding** must now be selected. Press **•F12"** to continue.

10.4.3 Wait until the message **Coding has been completed successfully** appears. Press **•F12"** to continue.

Switch to the **Overview** menu.

10.5 Read out the fault memories of all systems, work through any existing faults and erase the fault memories. ⇒ *Workshop Manual '0335IN Diagnostic maintenance: diagnostic system and maintenance inter...'*

10.6 Switch off ignition and disconnect **9818 - PIWIS Tester II**.

11 Disconnect the battery charger. ⇒ *Workshop Manual '2X00IN Battery trickle charging'*

26013100:

Exhaust system converted

Labor time: **530 TU**

Includes: Replacing rear silencer, routing and connecting wire harness for engine noise pulse sender and wire harness for sports exhaust system.