

Installation and Conversion Instructions

Boxster (987)
17/08 ENU 7201

7

Sports Bucket Seat (I-no. 388/389)



Information

The specifications given in ⇒ *Workshop Manual '690000 Safety regulations for handling airbag and belt tensioner units'* must be followed.



Information

Please provide the customer with a copy of this technical information.

Vehicle Type: **Boxster (987)/Boxster S (987)**

Model Year: **As of 2005**

Information: **Retrofitting**

Notes: The sports bucket seat with integrated thorax airbag was developed and approved for use on public roads and for racing events (Club Sport, only in combination with flame-retardant fabric cover). Pulling a loop on the backrest will release it and fold it forwards.



Information

ONLY for vehicles up to and including MY '08:

The new installation position of the belt fitting (changed from B-pillar area of door sill to sports bucket seat) means that the standard 3-point belt on the sports bucket seat must be converted or replaced as described in Step 5.

A new standard 3-point belt, on which the position of the plastic rivet in the belt strap has been modified, is used from MY '09 onwards. This 3-point belt no longer needs to be converted or replaced.

The seat covering for the sports bucket seat is available in the following materials:

- Fabric cover, flame-retardant (regulation for racing events); color: black
- Leather cover; color: black

Longitudinal seat adjustment is carried out manually. Further adjustments (seat height, lumbar support, seat and backrest angle) are not possible. The "Seat heating" function is not available for sports bucket seats.

On vehicles with "seat memory" as standard, only "mirror memory" is still available once the sports bucket seat is installed.

Retrofitting is only possible individually or in pairs (driver's and passenger's side).



Parts Info:

Seats with fabric cover **ONLY** for USA/Canada:**997.044.805.11**

⇒ Sports bucket seat on left, –left-hand drive (LHD)– with longitudinal adjustment limiter

997.044.805.12

⇒ Sports bucket seat on right, –LHD– with adaptive weight sensing

Seats with leather cover **ONLY** for USA/Canada:**997.044.805.05.FLC**

⇒ Sports bucket seat on left, –LHD– with longitudinal adjustment limiter

997.044.805.06.FLC

⇒ Sports bucket seat on right, –LHD– with adaptive weight sensing

999.141.047.01¹

4 x

⇒ Torx screw, M10 x 28

811.857.845.01C¹

1 x

⇒ Plastic cap

997.521.359.01.01C²

1 x

⇒ Left seat rail cover; color: satin black

997.521.360.01.01C²

1 x

⇒ Right seat rail cover; color: satin black

— — —³

1 x

Warning sign (sticker)

997.803.334.00.01C⁴

1 x

⇒ Seat belt clamping piece, color: satin black

1 ALWAYS order at the same time. Part quantity for one seat.**2 ONLY** order for vehicles with power seat controls (adaptive sports seats – I-no. P01/fully electric seats – I-no. P15).**3 ONLY** contained in a holder on the seat covering for USA/Canada! Is **NOT** required!**4 ONLY** order if required (see Step 5).

Tools:

PIWIS Tester 9718	Torch
Open-ended wrench, a/f 17	Torx wrench, E12
Torque wrench Nr.90 Pos.5	Slotted screwdriver, small
Assembly wedge from Wieländer + Schill (Item No. 581104) or Hazet (Item No. 1965-21)	
Battery Charger ACCTIVA Professional Flash 70A 1316	

Work Procedure: 1 Preparatory work

- 1.1 Connect a battery charger to the battery ⇒ *Workshop Manual '2706 Battery'*.
- 1.2 Remove front seat ⇒ *Workshop Manual '720119 Removing and installing front seat - section on "Removing"*.
- 1.3 Remove seat belt fitting in B-pillar area of door sill ⇒ *Workshop Manual '691119 Removing and installing front three-point belt - section on "Removing"*.
- 1.4 Fit hexagon-head bolt 7/16–20 for seat belt fitting mount back into threaded bore in B-pillar sill area.
Place plastic cap on bolt head.
- 1.5 Tie “Seat memory” connector to existing electric wire harness, making sure it does not rattle or chafe.

2 Install sports bucket seat ⇒ *Workshop Manual '720119 Removing and installing folding sports bucket seat - section on "Installing"*.

2.1 **ONLY** for USA/Canada passenger's seat in MY '05 Boxster models:

The AWS (automatic weight sensing system) control unit connection on the side of the seat must be ignored.

The automatic weight sensing system does not function!

2.2 **ONLY** for USA/Canada passenger's seat as of MY '06:

Calibrate AWS control unit ⇒ *Workshop Manual '6968K200 Calibrating AWS control unit'*.



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**
- ⇒ **Switch off the ignition and remove the ignition key before disconnecting the control unit.**

- ⇒ **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.**

3 Program the required installed components lists for the vehicle electrical system and gateway.

This may differ, depending on the seat version (standard seat – l.no. 369, fully electric seat – l.no. P15, sports seat – l.no. P77 or adaptive sports seat – l.no. P01). It is assumed here that the maximum equipment version is installed (fully electric seat or adaptive sports seat).

3.1 PIWIS Tester 9718 must then be connected and ignition must be switched on.

3.2 Select “Vehicle type” and press **[>>]** to continue.

3.3 Program the vehicle electrical system.

3.3.1 Switch to the “VEHICLE ELECTRICAL SYSTEM coding” menu. Press **[>>]** to continue.

3.3.2 Select “Left seat heating – yes” or “Right seat heating – yes”. Press **[>>]** to continue.

3.3.3 Change preselected “yes” to “no” and code with **[F8]**.

If retrofitting both sports bucket seats, repeat this step for the second seat.

3.4 Program the gateway.

3.4.1 Switch to the “GATEWAY coding” menu and press **[>>]** to continue.

3.4.2 Select “Seat adjustment memory – installed”. Press **[>>]** to continue.

3.4.3 Change the existing status “installed” to “not installed” and code with **[F8]**.

3.4.4 **ONLY** if both sports bucket seats, left and right, have been retrofitted:
Select “Seat heating – installed” from the “GATEWAY coding” menu. Press **[>>]** to continue.

3.4.5 Change the existing status “installed” to “not installed” and code with **[F8]**.

4 Concluding work

4.1 Switch on vehicle ignition.

4.2 Perform the “Seat belt warning light” function test.

4.2.1 The seat belt warning light in the instrument cluster must come on.

4.2.2 Insert belt tongue of driver’s side 3-point belt into the driver’s side seat-belt buckle.

4.2.3 The seat belt warning light in the instrument cluster must go off.

4.3 Check function of “Seat heating” buttons.

4.3.1 Press both “Seat heating” buttons.

4.3.2 LED(s) in the “Seat heating” button for the sports bucket seat(s) must not light up.

The LED in the “Seat heating” button for the remaining standard seat must light up.



Information

Pressing either of the two “Seat heating” buttons will generate a fault entry in the “Vehicle electrical system” fault memory for the particular seat with disabled seat heating. This cannot be deleted using the PIWIS Tester.

The GATEWAY is switched to the idle state if the vehicle is not used for some time or the battery is disconnected. A self-check of the GATEWAY is performed after connecting the battery or switching on the ignition, which results in the fault entry/entries regarding the “Seat heating” being deleted.

Consequently, the fault entry in the “Vehicle electrical system” fault memory can be ignored.

- 4.4 Read out the fault memory of all control units, correct any existing faults, and then erase the fault memory.
- 5 **ONLY** for vehicles up to and including MY '08:
Modify or replace 3-point belt.
 - 5.1 Carefully guide the assembly wedge from Wieländer + Schill (Item No. 581104 ⇒ *Figure 2 -A-*) or Hazet (Item No. 1965-21) between the bottom of the plastic rivet and belt strap.
 - 5.2 Carefully press the assembly wedge in the longitudinal direction of the belt until the bottom of the plastic rivet springs up (⇒ *Figure 2*).
 - 5.3 Remove the top of the plastic rivet from the belt strap.
 - 5.4 Smooth out the pressure point and hole in the belt strap as much as possible by rubbing it between your thumb and index finger.
 - 5.5 Inspect the belt strap for damage caused by removing the plastic rivet.
 - 5.5.1 If belt strap is damaged:
Replace 3-point belt with a new 3-point belt from a GT2 (Part No.: see Porsche Electronic Parts Catalogue – PET) ⇒ *Workshop Manual '691119 Removing and installing front three-point belt'*.

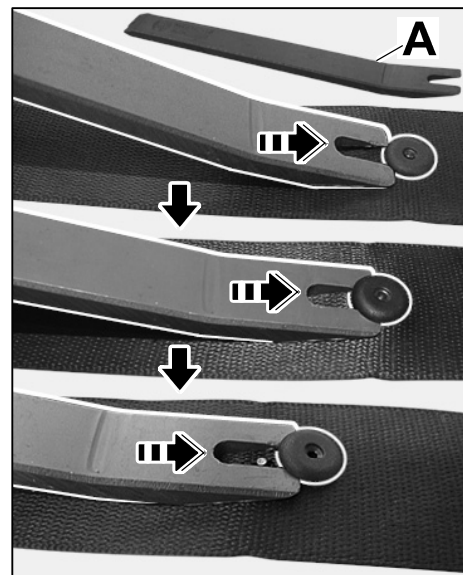


Figure 2

- 5.5.2 If the belt strap is not damaged:
Hold the belt tongue (⇒ *Figure 3 -A-*) at the position at which the plastic rivet was fixed and fit a clamping piece (⇒ *Figure 3 -B-*) on the belt strap approx. 10 cm underneath, fold it over (⇒ *Figure 3 -arrow-*) and close it.

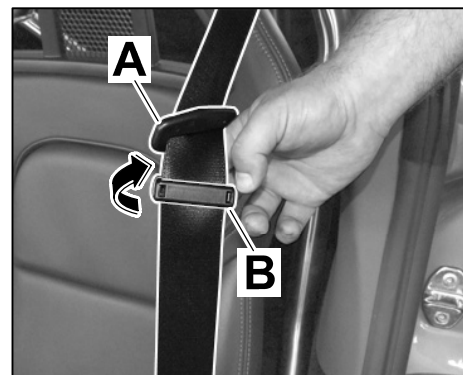


Figure 3

Working Times: 72 01 23 21 –Retrofitting sports bucket seat (1 ea.)–

Labor time: **70 TU**

Includes: Removing standard seat and belt fastening point. Securing 3-point belt to sports bucket seat and installing sports bucket seat.
Programming required installed components lists and performing function test on seat belt warning light.

72 01 24 20 –Retrofitting sports bucket seats (2 ea.)–

Labor time: **110 TU**

Includes: Removing standard seats and belt fastening points. Securing 3-point belts to sports bucket seats and installing sports bucket seats.
Programming required installed components lists and performing function test on seat belt warning light.

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