

Diagnosis - Function Test Component Locations

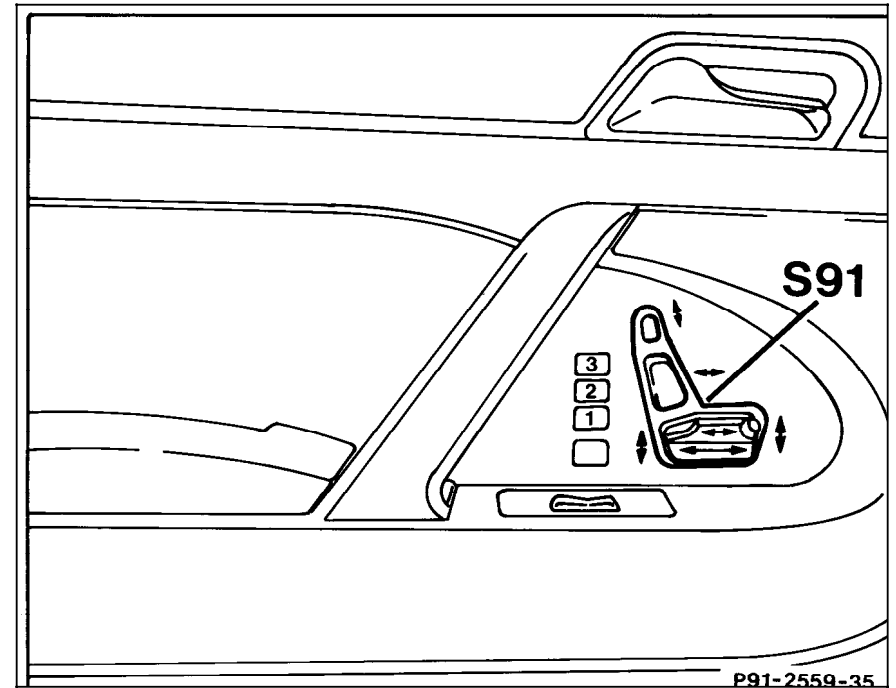


Figure 1

S91 Left front power seat switch group (with memory)

P91-2559-35  
P91-2559-35

### Diagnosis - Function Test

Test step/Test sequence	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>	
⇒ 1.0 <b>Seat fore/aft adjustment</b>	Ignition: <b>ON</b> Press fore/aft switch (S91s1, S92s1)	Seat adjusts forward/backward.	Left seat 23 ⇒ 1.0 23 ⇒ 2.0 23 ⇒ 3.0 23 ⇒ 4.0 23 ⇒ 5.0	Right seat 23 ⇒ 24.0 23 ⇒ 25.0 23 ⇒ 26.0 23 ⇒ 27.0 23 ⇒ 28.0
⇒ 2.0 <b>Front seat height front adjustment</b>	Ignition: <b>ON</b> Press front raise/lower switch (S91s3, S92s3)	Front of seat adjusts up/down.	Left seat 23 ⇒ 1.0 23 ⇒ 2.0 23 ⇒ 6.0 23 ⇒ 7.0 23 ⇒ 8.0	Right seat 23 ⇒ 24.0 23 ⇒ 25.0 23 ⇒ 29.0 23 ⇒ 30.0 23 ⇒ 31.0
⇒ 3.0 <b>Front seat rear height adjustment</b>	Ignition: <b>ON</b> Press rear raise/lower switch (S91s2, S92s2)	Rear of seat rear adjusts up/down.	Left seat 23 ⇒ 1.0 23 ⇒ 2.0 23 ⇒ 9.0 23 ⇒ 10.0 23 ⇒ 11.0	Right seat 23 ⇒ 24.0 23 ⇒ 25.0 23 ⇒ 32.0 23 ⇒ 33.0 23 ⇒ 34.0
⇒ 4.0 <b>Backrest fore/aft adjustment</b>	Ignition: <b>ON</b> Press backrest fore/aft switch (S91s5, S92s5)	Seat backrest adjusts forward/backward.	Left seat 23 ⇒ 1.0 23 ⇒ 2.0 23 ⇒ 12.0 23 ⇒ 13.0 23 ⇒ 14.0	Right seat 23 ⇒ 24.0 23 ⇒ 25.0 23 ⇒ 35.0 23 ⇒ 36.0 23 ⇒ 37.0

<sup>1)</sup> Observe Preparation for Test, see 22.

### Diagnosis - Function Test

Test step/Test sequence	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>	
⇒ 5.0 <b>Head restraint adjustment</b>	Ignition: <b>ON</b> Press head restraint raise/lower switch (S91s4, S92s4)	Seat head restraint adjusts up/down.	Left seat 23 ⇒ 1.0 23 ⇒ 2.0 23 ⇒ 15.0 23 ⇒ 16.0 23 ⇒ 17.0	Right seat 23 ⇒ 24.0 23 ⇒ 25.0 23 ⇒ 38.0 23 ⇒ 39.0 23 ⇒ 40.0
⇒ 6.0 <b>Seat cushion fore/aft adjustment</b>	Ignition: <b>ON</b> Press seat cushion fore/aft switch (S91s10, S92s10)	Seat cushion adjusts fore/aft.	Left seat 23 ⇒ 1.0 23 ⇒ 2.0 23 ⇒ 18.0 23 ⇒ 19.0 23 ⇒ 20.0	Right seat 23 ⇒ 24.0 23 ⇒ 25.0 23 ⇒ 41.0 23 ⇒ 42.0 23 ⇒ 43.0
⇒ 7.0 <b>Memory 1 button</b>	Ignition: <b>ON</b> Store seat position in memory position 1. Move seat. Press memory button 1.	Seat returns to position stored.	Left seat 23 ⇒ 1.0 23 ⇒ 2.0 23 ⇒ 21.0	Right seat 23 ⇒ 24.0 23 ⇒ 25.0 23 ⇒ 44.0
⇒ 8.0 <b>Memory 2 button</b>	Ignition: <b>ON</b> Store seat position in memory position 2. Move seat. Press memory button 2.	Seat returns to position stored.	Left seat 23 ⇒ 1.0 23 ⇒ 2.0 23 ⇒ 21.0	Right seat 23 ⇒ 24.0 23 ⇒ 25.0 23 ⇒ 44.0

<sup>1)</sup> Observe Preparation for Test, see 22.

### Diagnosis - Function Test

Test step/Test sequence	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>	
⇒ 9.0 <b>Memory 3 button</b>	Ignition: <b>ON</b> Store seat position in memory position 3. Move seat. Press memory button 3.	Seat returns to position stored.	Left seat 23 ⇒ 1.0 23 ⇒ 2.0 23 ⇒ 21.0	Right seat 23 ⇒ 24.0 23 ⇒ 25.0 23 ⇒ 44.0
⇒ 10.0 <b>Front power seat switch group illumination</b>	Turn parking lamps on	Front power seat switch group illuminates.	Left seat 23 ⇒ 22.0 23 ⇒ 23.0	Right seat 23 ⇒ 45.0 23 ⇒ 46.0
<b>Coupé only (if applicable)</b> ⇒ 11.0 <b>Convenience feature</b>	Open left or right front door Move left or right front seat backrest forward  Move left or right front seat backrest backward  Closing front doors during the convenience feature function  Backrest is moved backward during forward convenience feature function  Backrest is moved forward during backward convenience feature function	Front seat travels forward at increased adjustment speed. Head restraint retracts to 1/3 of its maximum height adjustment.  Front seat travels backward at increased adjustment speed (max. of 105 mm before rear stop position).  Convenience feature function is terminated.  Front seat and head restraint reverse direction.  Front seat and head restraint reverse direction.	Left seat 23 ⇒ 47.0 23 ⇒ 49.0 23 ⇒ 50.0	Right seat 23 ⇒ 48.0 23 ⇒ 49.0 23 ⇒ 51.0

<sup>1)</sup> Observe Preparation for Test, see 22.