

15.1 Electric Seat Adjustment (ESA)

Model 129

Diagnosis - Complaint Related Diagnostic Chart (left seat)

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
Entire seat adjustment does not function.	Left front power seat control module (N32/1) Left front power seat switch group (S91)	27 ⇒ 1.0 27 ⇒ 18.0, 23.0
Forward/back seat adjustment does not function.	Fore/aft switch (S91s1) Fore/aft motor (M27m1)	27 ⇒ 2.0 27 ⇒ 3.0, 4.0
Front seat height adjustment does not function.	Front raise/lower switch (S91s3) Front raise/lower motor (M27m3)	27 ⇒ 5.0 27 ⇒ 6.0, 7.0
Rear seat height adjustment does not function.	Rear raise/lower switch (S91s2) Rear raise/lower motor (M27m2)	27 ⇒ 8.0 27 ⇒ 9.0, 10.0
Backrest forward/back adjustment does not function.	Backrest fore/aft switch (S91s5) Backrest fore/aft motor (M27m5)	27 ⇒ 11.0 27 ⇒ 12.0, 13.0
Headrest up/down adjustment does not function.	Head restraint raise/lower switch (S91s4) Head restraint raise/lower motor (M27m4)	27 ⇒ 14.0 27 ⇒ 15.0, 16.0
Position memory does not function.	Left front power seat switch group (S91), memory position Left front power seat switch group (S91)	27 ⇒ 17.0 27 ⇒ 18.0, 23.0

¹⁾ Observe Preparation for Test, see 26.

Diagnosis - Complaint Related Diagnostic Chart (left seat)

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
Convenience feature does not function or some functions fail.	Left seat proximity control module (N32/5)	27 ⇒ 19.0, 20.0
Switch illumination does not function.	Left front power seat switch group (S91e1), Illumination	27 ⇒ 21.0
Acoustical warning signal sounds if the door is closed and ignition is turned on.	Backrest is not correctly latched. Left/right backrest lock switch (S52/1, S52/2) Left backrest lock safety package (N32/7)	27 ⇒ 22.0 27 ⇒ 24.0, 25.0
Backrest lock safety package/automatic locking feature does not function.	Left/right backrest lock switch (S52/1, S52/2) Left backrest lock safety package (N32/7)	27 ⇒ 22.0 27 ⇒ 24.0, 25.0
Unlocked backrest is not indicated by an optical warning signal, although an acoustical warning signal sounds.	Seat belt/backrest lock reminder lamp (A1e9)	27 ⇒ 26.0
Optical warning signal comes on constantly with the engine running, although the left and right backrests are locked.	Left/right backrest lock safety package (N32/7, N32/8) (no acoustical warning signal)	27 ⇒ 27.0
Unlocked backrest is not indicated by an acoustical warning signal.	Left/right backrest lock safety package (N32/7, N32/8) (no acoustical warning signal)	27 ⇒ 27.0

¹⁾ Observe Preparation for Test, see 26.