

Diagnosis - Function Test (Orthopedic Seat Backrest)

A. Lumbar support

Preparation for Test

1. Check fuse F4-3 and fuse F4-11.
2. Battery voltage 11 – 14 V.
3. Ignition: **ON**

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy ¹⁾
⇒ 1.0 Changing backrest contour in X-direction (intensity)	Turn adjuster slowly from position 0 to position 5 at least 5 times. Sit in seat.	Backrest must change shape noticeably in lumbar area.	<p>Backrest does not change shape and pump motor in PSE control module (A37, A37/1) does not run. 23 PSE ⇒ 1.0, PSE control module (A37, A37/1).</p> <p>Backrest does not change shape even though pump motor in PSE control module (A37, A37/1) runs. 32 PSE ⇒ 7.0, 32 ⇒ 3.0.</p>

¹⁾ Observe Preparation for Test, see 22.

Diagnosis - Function Test (Orthopedic Seat Backrest)

B. Multi-contour backrest

Preparation for Test

1. Check fuse F4-3 and fuse F4-11.
2. Battery voltage 11 – 14 V.
3. Ignition: **ON**

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy ¹⁾
⇒ 2.0 Changing backrest contour in Z-direction (height)	Adjuster in position 5. In sequence select the three height adjust buttons. Sit in seat.	Backrest must change shape noticeably in lumbar area.	<p>Backrest does not change shape and pump motor in PSE control module (A37, A37/1) does not run. 23 PSE ⇒ 1.0, PSE control module (A37, A37/1).</p> <p>Backrest does not change shape even though pump motor in PSE control module (A37, A37/1) runs. 32 PSE ⇒ 7.0, 32 ⇒ 4.0.</p>

¹⁾ Observe Preparation for Test, see 22.

Diagnosis - Function Test (Orthopedic Seat Backrest)

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy ¹⁾
⇒ 2.1 Changing backrest contour in X-direction (intensity)	Turn adjuster slowly from position 0 to position 5 at least 5 times. Sit in seat.	Backrest must change shape noticeably in lumbar area.	Backrest does not change shape and pump motor in PSE control module (A37, A37/1) does not run . 23 PSE ⇒ 1.0, PSE control module (A37, A37/1).
⇒ 2.2 Changing backrest contour side bolster pressure	Use side bolster rocker switch to change pressure from minimum to maximum 5 times. Sit in seat.	Backrest must change shape noticeably in side bolster area.	Backrest does not change shape even though pump motor in PSE control module (A37, A37/1) runs . 32 PSE ⇒ 7.0, 32 ⇒ 4.0.

¹⁾ Observe Preparation for Test, see 22.