
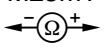
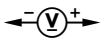
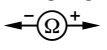
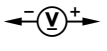







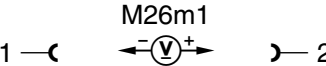
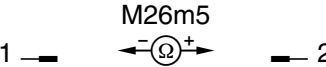
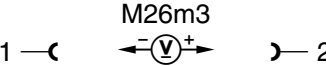
Electrical Test – Program Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
3.0		Fore/aft motor (M25m1) Resistance	1 —  — 2 M25m1	Disconnect connector (blue) at M25m1 (motor).	0.5 – 5 Ω	M25m1
4.0		Front raise/lower motor (M25m3) Voltage supply	1 —  — 2 M25m3	Voltage supply to S22 OK, Disconnect white connector at M25m3, Circuit 15R: ON Press front raise/lower switch: Up Down	– 11 to – 14 V 11 to 14 V	S22
5.0		Front raise/lower motor (M25m3) Resistance	1 —  — 2 M25m3	Disconnect connector (white) at M25m3 (motor).	0.5 – 5 Ω	M25m3
6.0		Rear raise/lower motor (M25m2) Voltage supply	1 —  — 2 M25m2	Voltage supply to S22 OK, Disconnect connector at M25m2, Circuit 15R: ON Press Rear raise/lower switch: Up Down	– 11 to – 14 V 11 to 14 V	S22


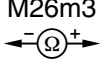
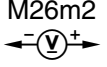
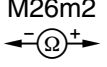
Electrical Test – Program Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
7.0		Rear raise/lower motor (M25m2) Resistance	M25m2 11 —  — 12	Disconnect connector at M25m2 (motor).	0.5 – 5 Ω	M25m2
8.0		Backrest fore/aft motor (M25m5) Voltage supply	M25m5 1 —  — 2	Voltage supply to S22 OK, Disconnect (black) connector at M25m2, Circuit 15R: ON Press backrest fore/aft switch: Forward Backward	11 – 14 V – 11 to – 14 V	S22
9.0		Backrest fore/aft motor (M25m5) Resistance	M25m5 1 —  — 2	Disconnect black connector at M25m5 (motor).	0.5 – 5 Ω	M25m5


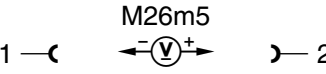
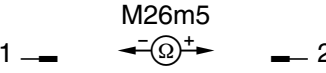
Electrical Test – Program Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
10.0		Fore/aft motor (M26m1) Voltage supply	<p style="text-align: center;">M26m1</p> 	Voltage supply to S23 OK, Disconnect (blue) connector at M26m1, Circuit 15R: ON Press seat fore/aft switch (S23s3): Forward Backward	11 to 14 V – 11 to – 14 V	S23
11.0		Front raise/lower motor (M26m5) Resistance	<p style="text-align: center;">M26m5</p> 	Disconnect black connector at M26m5 (motor).	0.5 – 5 Ω	M26m5
12.0		Front raise/lower motor (M26m3) Voltage supply	<p style="text-align: center;">M26m3</p> 	Voltage supply to S23 OK, Disconnect (white) connector at M26m3, Circuit 15R: ON Press seat height, front switch (S23s2): Up Down	11 to 14 V – 11 to – 14 V	S23


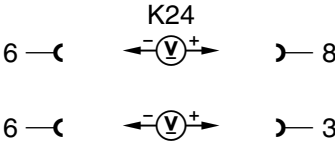

Electrical Test – Program Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
13.0		Front raise/lower motor (M26m3) Resistance	1 —  — 2	Disconnect white connector at M26m3 (motor).	0.5 – 5 Ω	M26m3
14.0		Rear raise/lower motor (M26m2) Voltage supply	1 —  — 2	Voltage supply to S23 OK, Disconnect (white) connector at M26m2, Circuit 15R: ON Press seat height, rear switch (S23s4): Up Down	– 11 to – 14 V 11 to 14	S23
15.0		Rear raise/lower motor (M26m2) Resistance	1 —  — 2	Disconnect connector at M26m2 (motor).	0.5 – 5 Ω	M26m2




Electrical Test – Program Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
16.0		Seatback fore/aft motor (M26m5) Voltage supply		Voltage supply to S23 OK, Disconnect (black) connector at M26m5, Circuit 15R: ON Press backrest switch (S23s5): Foreward Backward	11 – 14 V – 11 to – 14 V	S23
17.0		Seatback fore/aft motor (M26m5) Resistance		Disconnect black connector at M26m5 (motor).	0.5 – 5 Ω	M26m5

Electrical Test – Program Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
18.0		CF relay module (K24) Voltage supply (Circuit 30)		Ignition: OFF K24 removed (disconnected)	11 – 14 V	Wiring to X4 and W29 or W29/2 If values are OK: ⇒ 18.1
18.1		Voltage supply Circuit 15R		Circuit 15R: ON K24 removed (disconnected)	11 – 14 V	Wiring to X4/18 and W29 or W29/2 If values are OK: If there continues to be no voltage at left/right front ESA switches, check: Fuses: F1f21, F1f22, Wiring to the seats, K24

Electrical Test – Program Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
19.0		Left door switch (S17/3)		Ignition: OFF K24 removed (disconnected) Left door: Open Left door: Closed	< 1 V > 5 V	Wiring, S17/3 If values are OK: If CF function via S17/3 is still faulty: K24 If CF function via S17/4 is still faulty: ⇒ 19.1
19.1		Right door switch (S17/4)		Ignition: OFF K24 removed (disconnected) Right door: Open Right door: Closed	< 1 V > 5 V	Wiring, S17/4 If values are OK: If CF function via S17/4 is still faulty: K24