
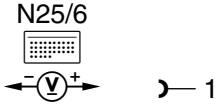
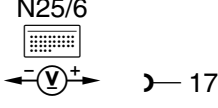
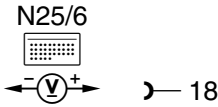
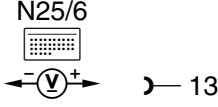


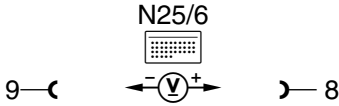
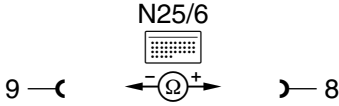


Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0		Rear HS control module (N25/6) Voltage supply Circuit 30		Ignition: OFF	11 – 14 V	Wiring, Combination control module (N10/2).
		Circuit 15R		Ignition: ON	11 – 14 V	Wiring.
2.0		Rear HS control module (N25/6) Voltage supply Circuit 58d		Parking lamps: OFF	0 – 1 V	Wiring.
				Parking lamps: ON	11 – 14 V	
3.0		Left rear seat heater switch (S51/3) Voltage supply		Ignition: ON S51/3: Hold pressed in stage II S51/3: Hold pressed in stage I	6 – 8 V 0 – 1 V 2 – 4 V	⇒ 3.1, Rear HS control module (N25/6)


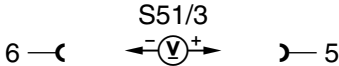


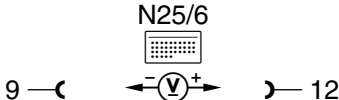
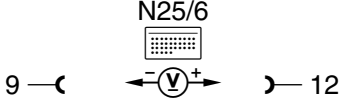
Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
3.1		S51/3 Resistance		Ignition: OFF Disconnect test cable from N25/6. S51/3: Hold pressed in stage II S51/3: Hold pressed in stage I	>20 kΩ 1 – 2 Ω approx. 165 Ω	Wiring, S51/3
4.0		Left rear seat cushion heater element (R13/5) and left rear backrest heater element (R13/6) Voltage supply		Ignition: ON S51/3: Hold pressed in stage II S51/3: Hold pressed in stage I	0 – 1 V 9 – 14 V proper interval indicated on multimeter.	⇒ 6.1, Rear HS control module (N25/6).
4.1		R13/5, R13/6 Resistance		Ignition: OFF Disconnect test cable from N25/6.	1.1 – 1.7 Ω	Wiring, R13/5, R13/6

14.3b Heated seats (HS)

Model 210


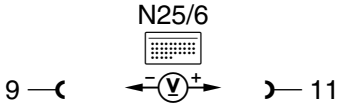
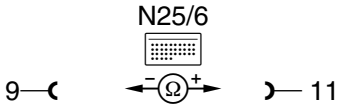
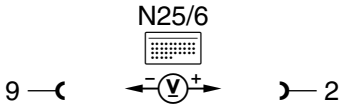
Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
5.0		Left rear seat heater switch (S51/3) illumination Voltage supply		Disconnect connector from S51/3. Parking lamps: ON	11 – 14 V	Wiring, R13/5, R13/6
6.0		Left rear seat heater switch (S51/3) LEDs Voltage supply	 	Ignition: ON S51/3: press stage I S51/3: press stage II S51/3: press stage I S51/3: press stage II	0 – 1 V 8 – 13 V 8 – 13 V 0 – 1 V 8 – 13 V	Wiring, S51/3, Rear HS control module (N25/6).
7.0		Left rear seat heater switch (S51/3) dimming Voltage supply	 	Ignition: ON S51/3: press stage I Parking lamps: ON Parking lamps: OFF S51/3: press stage II Parking lamps: ON	8 – 13 V 2.0 – 2.8 V 8 – 13 V 2.0 – 2.8 V	Wiring, S51/3, N25/6

14.3b Heated seats (HS)

Model 210



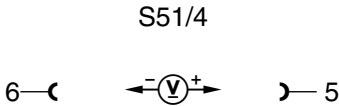
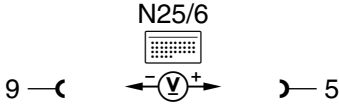

Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
8.0		Right rear seat heater switch (S51/4) Voltage supply		Ignition: ON S51/4: Press and hold stage II S51/4: Press and hold stage I	6 – 8 V 0 – 1 V 2 – 4 V	⇒ 8.1, Rear HS control module (N25/6).
8.1		S51/4 Resistance		Ignition: OFF Disconnect test cable from N25/6. S51/4: Press and Hold stage II S51/4: Press and hold stage I	>20 kΩ 0 – 2 Ω approx. 165 Ω	Wiring, S51/4
9.0		Right rear seat cushion heater element (R13/7) and right rear backrest heater element (R13/8) Voltage supply		Ignition: ON S51/4: press stage II S51/4: press stage I	0 – 1 V 9 – 14 V proper interval indicated on multimeter.	⇒ 9.1, N25/6

14.3b Heated seats (HS)

Model 210


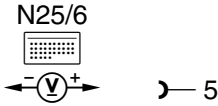
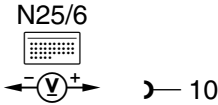
Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
9.1		R13/7, R13/8 Resistance		Ignition: OFF Disconnect test cable from N25/6.	1.1 – 17 Ω	Wiring, R13/7, R13/8
10.0		Right rear seat heater switch (S51/4) illumination Voltage supply		Disconnect connector from S51/4. Parking lamps: ON	11 – 14 V	Wiring.
11.0		Right rear seat heater switch (S51/4) LEDs Voltage supply	 	Ignition: ON S51/4: press stage I S51/4: press stage II S51/4: press stage I S51/4: press stage II	0 – 1 V 8 – 13 V 8 – 13 V 0 – 1 V 8 – 13 V	Wiring, S51/4, Rear HS control module (N25/6).

14.3b Heated seats (HS)

Model 210

Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
12.0		Right rear seat heater switch (S51/4) dimming Voltage supply	 	Ignition: ON S51/4: press stage I Parking lamps: ON Parking lamps: OFF S51/4: press stage II Parking lamps: ON	0 – 1 V 8 – 13 V 2.0 – 2.8 V 8 – 13 V 2.0 – 2.8 V	Wiring, S51/4, Rear HS control module (N25/6).