
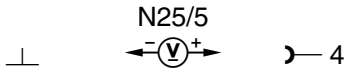
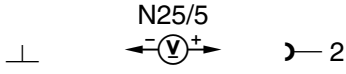
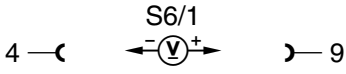
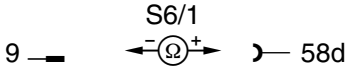
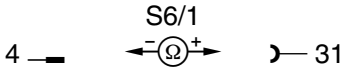


14.3a Heated seats (HS)

Models 170, 202 as of 09/95, 208, 210


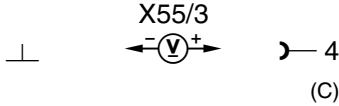
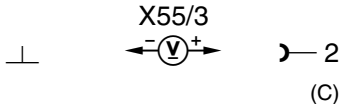
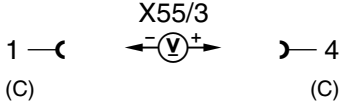
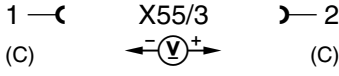
Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0		Front HS control module (N25/5) Voltage supply Circuit 30 Circuit 15R	 	Ignition: OFF Ignition: Position "1"	11 – 14 V	Wiring.
2.0		Front HS control module (N25/5) Voltage supply for circuit 58d from cockpit switch group (S6/1)		Adjust cockpit illumination to HI, Parking lamps: ON	11 – 14 V	Wiring.
3.0		Cockpit switch group (S6/1) Circuit 58d internal connection		Ignition: OFF	< 1 Ω	S6/1
4.0		Cockpit switch group (S6/1) Circuit 31 internal connection		Ignition: OFF	< 1 Ω	S6/1

14.3a Heated seats (HS)

Models 170, 202 as of 09/95, 208, 210


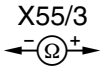
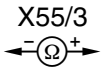
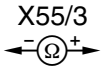
Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
5.0		Left front seat cushion heater element (R13/1) and left front backrest heater element (R13/2) Voltage supply Models 170, 208, 210 Model 202	 	Ignition: ON Left front HS switch (N25/5s1) set to heating stage II . N25/5s1 set to heating stage I	0 – 1 V 9 – 14 V Proper interval indicated on multimeter.	Wiring, ⇒ 1.0, Front HS control module (N25/5) ⇒ 5.1
5.1		R13/1 and R13/2 Voltage supply Ground Models 170, 208, 210 Model 202	 	Ignition: ON Left front HS switch (N25/5s1) set to heating stage II .	11 – 14 V	Wiring.

14.3a Heated seats (HS)

Models 170, 202 as of 09/95, 208, 210


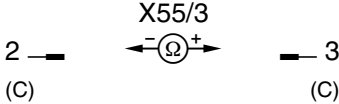
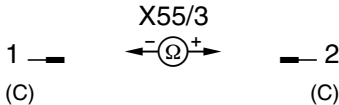
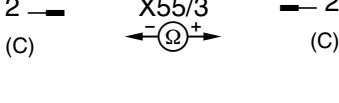
Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
6.0		Left front seat cushion heater element (R13/1) Resistance		Disconnect connector C at X55/3.		R13/1
		Model 210		MB tex seats Leather seats	2.6 – 3.4 Ω 3.9 – 4.7 Ω	
		Model 202		Cloth and MB tex seats	2.5 – 3.0 Ω	
		Model 170, 208			Model 170 2.0 – 2.5 Ω Model 208 2.4 – 2.9 Ω	

14.3a Heated seats (HS)

Models 170, 202 as of 09/95, 208, 210



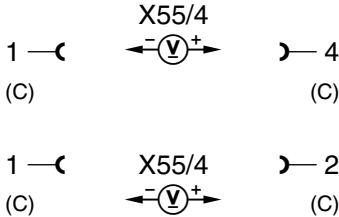
Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
6.1		Left front backrest heater element (R13/2) Resistance Model 210		Disconnect connector C at X55/3. MB tex seats	2.5 – 3.2 Ω	R13/2
		Model 202		Leather seats Cloth and MB tex seats	3.8 – 4.5 Ω 2.5 – 3.0 Ω	
		Model 170, 208			Model 170 2.2 – 2.7 Ω Model 208 2.8 – 3.3 Ω	

14.3a Heated seats (HS)

Models 170, 202 as of 09/95, 208, 210





Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
7.0		Right front seat cushion heater element (R13/3) and left front backrest heater element (R13/4) Voltage supply Models 170, 208, 210 Model 202		Ignition: ON Right front HS switch (N25/5s2) set to heating stage II . N25/5s2 set to heating stage I	0 – 1 V 9 – 14 V Proper interval indicated on multimeter.	Wiring, ⇒ 1.0, Front HS control module (N25/5), ⇒ 7.1
7.1		R13/3 and R13/4 Voltage supply Ground Models 170, 208, 210 Model 202		Ignition: ON Right front HS switch (N25/5s2) set to heating stage II .	9 – 14 V	Wiring.

14.3a Heated seats (HS)

Models 170, 202 as of 09/95, 208, 210





Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
8.0		Right front seat cushion heater element (R13/3) Resistance		Disconnect connector C at X55/4.		R13/3
		Model 210		MB tex seats Leather seats	2.6 – 3.4 Ω 3.9 – 4.7 Ω	
		Model 202		Cloth and MB tex seats	3.0 – 3.5 Ω	
		Model 170, 208			Model 170 2.0 – 2.5 Ω Model 208 2.4 – 2.9 Ω	

14.3a Heated seats (HS)

Models 170, 202 as of 09/95, 208, 210

Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
8.1		Right front backrest heater element (R13/4) Resistance Model 210		Disconnect connector C at X55/4. MB tex seats	2.5 – 3.2 Ω	R13/4
		Model 202		Leather seats Cloth and MB tex seats	3.8 – 4.5 Ω 2.5 – 3.0 Ω	
		Model 170, 208			Model 170 2.2 – 2.7 Ω Model 208 2.8 – 3.3 Ω	