


Diagnosis – Complaint Related Diagnostic Chart

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
No. 1 Convenience Opening Central unlocking of windows/sliding/pop-up roof with RCL or electronic vehicle key ²⁾ does not function	Door switches (S17/3, S17/4, S17/5, S17/6) Left/right front door IR receivers (A26/1, A26/2) Front driver/passenger-side door control modules (N69/1, N69/2) Electronic ignition switch control module (N73) PSE control module (A37)	DM, B&A, Vol. 1, section 3.4, 23, 23 ⇒ 2.0 – 4.0
No. 2 Convenience Closing Central locking of windows/sliding/pop-up roof with RCL or electronic vehicle key ²⁾ does not function	Door switches (S17/3, S17/4, S17/5, S17/6) Left/right front door IR receivers (A26/1, A26/2) Front driver/passenger-side door control modules (N69/1, N69/2) Electronic ignition switch control module (N73) PSE control module (A37)	DM, B&A, Vol. 1, section 3.4, 23, 23 ⇒ 2.0 – 4.0
No. 3 Safety Opening	Door switches (S17/3, S17/4, S17/5, S17/6) Left/right front door IR receivers (A26/1, A26/2) Front driver/passenger-side door control modules (N69/1, N69/2) Electronic ignition switch control module (N73) PSE control module (A37)	DM, B&A, Vol. 1, section 3.4, 23, 23 ⇒ 2.0 – 4.0
No. 4 All windows do not function Model 208.4 only	Roll Bar control module/power soft top control module (N52) CAN data bus to N52	N52 DM, B&A, Vol. 3, section 11.3, 23,

1) Observe Preparation for Test, see 22.

2) (only )

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No. 5 Model 208.4 only Left front power window does not function.	Window not synchronized Left front power window switch (S21/1) in middle console Roll Bar control module/Soft top control module (N52) CAN data bus to N52 Front driver door control module (N69/1) Left front power window motor (M10/3)	23 ⇒ 5.0 23 ⇒ 6.0 23 ⇒ 8.0
No. 6 Left front power window opening does not function	Left front power window switch (N72s1) Left front power window motor (M10/3) Front driver-side door control module (N69/1)	13 ⇒ 28.0 23 ⇒ 5.0 23 ⇒ 5.0
No. 7 Left front power window one-touch opening does not function	Windows not synchronized. Left front power window switch (N72s1) Left front power window motor (M10/3) Front driver-side door control module (N69/1)	Synchronize window, 13 ⇒ 28.0 23 ⇒ 5.0, 6.0, 7.0 23 ⇒ 5.0
No. 8 Left front power window closing does not function.	Left front power window switch (N72s1) Left front power window motor (M10/3) Front driver-side door control module (N69/1)	13 ⇒ 28.0 23 ⇒ 5.0 23 ⇒ 5.0
No. 9 Left front power window one-touch closing does not function.	Window not synchronized Left front power window switch (N72s1) Left front power window motor (M10/3) Front driver-side door control module (N69/1)	Synchronize window, 13 ⇒ 28.0 23 ⇒ 5.0, 6.0, 7.0 23 ⇒ 5.0

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No. 10 Model 208.4 only Right front power window does not function.	Window not synchronized Right front power window switch (S21/2) in middle console Roll Bar control module/power soft top control module (N52) CAN data bus to N52 Front passenger-side door control module (N69/2) Right front power window motor (M10/4)	23 ⇒ 13.0 23 ⇒ 10.0 23 ⇒ 11.0
No. 11 Right front power window opening does not function.	Right front power window switch (N72s2) Right front power window motor (M10/4) Front passenger-side door control module (N69/2)	13 ⇒ 30.0 23 ⇒ 10.0 23 ⇒ 11.0
No. 12 Right front power window one-touch opening does not function.	Window not synchronized Right front power window switch (N72s2) Right front power window motor (M10/4) Front passenger-side door control module (N69/2)	Synchronize window, 13 ⇒ 30.0 23 ⇒ 10.0, 11.0, 12.0 23 ⇒ 11.0
No. 13 Right front power window closing does not function	Right front power window switch (N72s2) Right front power window motor (M10/4) Front passenger-side door control module (N69/2)	13 ⇒ 30.0 23 ⇒ 10.0 23 ⇒ 10.0
No. 14 Right front power window one-touch closing does not function.	Window not synchronized Right front power window switch (N72s2) Right front power window motor (M10/4) Front passenger-side door control module (N69/2)	Synchronize window, 13 ⇒ 30.0 23 ⇒ 10.0, 11.0, 12.0 23 ⇒ 10.0

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No. 15 Model 208.4 only Left rear power window does not function.	Wiring Left rear power window switch (N72s3) Lower control field control module (N72) Roll Bar control module/power soft top control module (N52) CAN data bus to N52 Left rear power window motor (M10/5)	13 ⇒ 29.0 23 ⇒ 14.0 N52 DM, B&A, Vol. 3, section 11.3, 23,
No. 16 Left rear power window opening with switches (N72s3, S21/3) does not function.	Left rear power window switch (N72s3) Left rear power window switch (S21/3) Rear driver-side door control module (N69/3)	13 ⇒ 34.0 13 ⇒ 36.0 N69/3
No. 17 Left rear power window opening with switches (N72s3, S21/3) does not function (one-touch opening).	Window not synchronized, Left rear power window switch (N72s3) Left rear power window switch (S21/3) Rear driver-side door control module (N69/3)	Synchronize window, 13 ⇒ 34.0 13 ⇒ 36.0 N69/3
No. 18 Left rear power window closing with switches (N72s3, S21/3) does not function.	Left rear power window switch (N72s3) Left rear power window switch (S21/3) Rear driver-side door control module (N69/3)	13 ⇒ 34.0 13 ⇒ 36.0 N69/3
No. 19 Left rear power window closing with switches (N72s3, S21/3) does not function (one-touch closing).	Window not synchronized, Left rear power window switch (N72s3) Left rear power window switch (S21/3) Rear driver-side door control module (N69/3)	Synchronize window, 13 ⇒ 34.0 13 ⇒ 36.0 N69/3

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No. 20 Model 208.4 only Right rear power window does not function	Wiring Right rear power window switch (N72s4) Lower control field control module (N72) Roll Bar control module/power soft top control module (N52) CAN data bus to N52 Right rear power window motor (M10/6)	13 ⇒ 33.0 23 ⇒ 16.0 DM, B&A, Vol. 3, section 11.3, 23,
No. 21 Right rear power window opening with switches (N72s4, S21/4) does not function.	Left rear power window switch (N72s4) Left rear power window switch (S21/4) Rear driver-side door control module (N69/4)	13 ⇒ 35.0 13 ⇒ 37.0 N69/4
No. 22 Right rear power window opening with switches (N72s4, S21/4) does not function (one-touch opening).	Window not synchronized, Left rear power window switch (N72s4) Left rear power window switch (S21/4) Rear driver-side door control module (N69/4)	Synchronize window, 13 ⇒ 35.0 13 ⇒ 37.0 N69/4
No. 23 Right rear power window closing with switches (N72s4, S21/4) does not function.	Left rear power window switch (N72s4) Left rear power window switch (S21/4) Rear driver-side door control module (N69/4)	13 ⇒ 35.0 13 ⇒ 37.0 N69/4

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No. 24 Right rear power window closing with switches (N72s4, S21/4) does not function (one-touch closing).	Window not synchronized, Left rear power window switch (N72s4) Left rear power window switch (S21/4) Rear driver-side door control module (N69/4)	Synchronize window, 13 ⇒ 35.0 13 ⇒ 37.0 N69/4
No. 25 Child safety lock-out for left rear or right rear door does not function.	Child safety lock switch (N72s5)	13 ⇒ 38.0
No. 26 Window does not close completely. Model 208.4 only Front windows do not close completely	Faulty synchronization.	Using the HHT, (control module adaption, synchronization) desynchronize window, and then via window switch close window (to stop) and then hold window switch for more then 1 second.
No. 27 Window goes out of synchronization frequently.	Interrupted voltage supply (circuit 30) for door control module. Hall sensors Version coding in electronic ignition switch control module (N73) incorrect.	See HHT-control module adaption, Synchronization Procedure.

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No. 28 Sliding/pop-up roof does not function.	Voltage supply for roof control panel control module (N70).	13 ⇒ 41.0
No. 29 Sliding roof opening does not function.	Sliding/pop-up roof (SR) switch (N70s1) Sliding/pop-up roof (M12/1) motor	13 ⇒ 43.0 13 ⇒ 44.0, 46.0, 47.0
No. 30 Sliding roof closing does not function.	Sliding/pop-up roof (SR) switch (N70s1) Sliding/pop-up roof (M12/1) motor	13 ⇒ 43.0 13 ⇒ 44.0, 47.0
No. 31 Pop-up roof opening does not function.	Sliding/pop-up roof (SR) switch (N70s1) Sliding/pop-up roof (M12/1) motor	13 ⇒ 43.0 13 ⇒ 44.0, 47.0
No. 32 Pop-up roof closing does not function.	Sliding/pop-up roof (SR) switch (N70s1) Sliding/pop-up roof (M12/1) motor	13 ⇒ 43.0 13 ⇒ 44.0, 47.0

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