

Diagnosis – Complaint Related Diagnostic Chart

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
No. 1 Windshield wiper system does not function	Voltage supply circuit 15R, 31 Combination switch (S4) Wiper stage 1 relay (K40/2k1) Wiper stage 2 relay (K40/2k2) Electronic ignition switch control module (N73) Signal pick-up and activation module (SAM) (N10/1) Driver-side fuse and relay module box (K40/2)	23 ⇒ 96.0 – 110.0
No. 2 Windshield wiper does not function when wash function is selected	Voltage supply circuit 15R, 31 Combination switch (S4) Electronic ignition switch control module (N73) Signal pick-up and activation module (SAM) (N10/1)	23 ⇒ 96.0 – 100.0, 102.0, 109.0, 111.0
No. 3 Windshield wiper system does not function when interval function is selected.	Voltage supply circuit 15R, 31 Electronic ignition switch control module (N73) Signal pick-up and activation module (SAM) (N10/1) Windshield washer relay (K40/2k3) Driver-side fuse and relay module box (K40/2)	23 ⇒ 96.0 – 100.0, 102.0, 106.0, 110.0
No. 4 Windshield wiper system Stage 1 does not function	Voltage supply circuit 15R, 31 Combination switch (S4) Electronic ignition switch control module (N73) Signal pick-up and activation module (SAM) (N10/1) Wiper stage 1 relay (K40/2k1) Driver-side fuse and relay module box (K40/2)	23 ⇒ 96.0 – 100.0, 102.0, 107.0, 110.0

¹⁾ Observe Preparation for Test, see 22.

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No. 5 Windshield wiper system Stage 2 does not function	Voltage supply circuit 15R, 31 Combination switch (S4) Electronic ignition switch control module (N73) Signal pick-up and activation module (SAM) (N10/1) Wiper stage 2 relay (K40/2k2) Driver-side fuse and relay module box (K40/2)	23 ⇒ 96.0 – 100.0, 103.0, 107.0, 110.0
No. 6 Windshield wiper system with ignition ON, can not be turned OFF	Wiper motor (M6/1) Signal pick-up and activation module (SAM) (N10/1) Driver-side fuse and relay module box (K40/2)	23 ⇒ 101.0
No. 7 Rain sensor (B38) does not function	Roof control panel control module (N70) Electronic ignition switch control module (N73) Signal pick-up and activation module (SAM) (N10/1) Wiper stage 1 relay (K40/2k1) Driver-side fuse and relay module box (K40/2)	23 ⇒ 112.0 – 114.0
No. 8 Rear window wiper/washer system does not function when selected (Model 210 wagon only)	Voltage supply circuit 15R, 31 Rain sensor (B38) Tailgate window wiper switch (S6/1s4) Rear window wiper motor (M6/4) Signal pick-up and activation module (SAM) (N10/1) PSE control module (A37)	23 ⇒ 115.0, 118.0

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No. 9 Rear window wash does not function when selected (Model 210 wagon only)	Voltage supply circuit 15R, 31 Tailgate window wiper switch (S6/1s4) Signal pick-up and activation module (SAM) (N10/1) Washer pump (M5/1)	23 ⇒ 100.0, 104.0, 116.0 – 118.0
No. 10 Headlamp cleaning system (HCS) does not function when selected	Voltage supply circuit 15R, 31 HCS switch (S4/1) Signal pick-up and activation module (SAM) (N10/1) Headlamp washer pump (M5/2)	23 ⇒ 100.0, 105.0, 119.0 – 121.0
No. 11 Non-USA vehicles only, continue to next test step.		
No. 12 Dome lamp with delay/front reading lamp (N70e1) does not function	Door contact switches (S17/3, S17/4, S17/5, S17/6) Roof control panel control module (N70) PSE control module (A37)	23 ⇒ 122.0, DM, B&A, Vol. 1, 3.4 PSE 23
No. 13 Dome lamp with delay/front reading lamp (N70e1) does not go out after approx. 5 minutes.	Door contact switches (S17/3, S17/4, S17/5, S17/6) Roof control panel control module (N70) PSE control module (A37)	DM, B&A, Vol. 1, 3.4 PSE 23
No. 14 Left/right/front/rear entrance/exit lamps (E17/5, E17/6, E17/9, E17/10) do not illuminate	Door contact switches (S17/3, S17/4, S17/5, S17/6) Door control modules (N69/1, N69/2, N69/3, N69/4) Roof control panel control module (N70) PSE control module (A37)	23 ⇒ 127.0, 128.0 DM, B&A, Vol. 1, 3.4 PSE 23

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No. 15 Left/right/front/rear entrance/exit lamps (E17/5, E17/6, E17/9, E17/10) do not go out after approx. 5 minutes	Door contact switches (S17/3, S17/4, S17/5, S17/6) Roof control panel control module (N70) PSE control module (A37)	DM, B&A, Vol. 1, 3.4 PSE 23
No. 16 Left and right vanity mirror (E14/5) does not function	Roof control panel control module (N70)	23 ⇒ 131.0
No. 17 Rear dome lamp (E15/3) does not function	Door contact switches (S17/3, S17/4, S17/5, S17/6) Rear dome lamp (E15/3) Roof control panel control module (N70) PSE control module (A37)	23 ⇒ 123.0, 124.0, DM, B&A, Vol. 1, 3.4 PSE 23
No. 18 Rear dome lamp (E15/3) does not go out after approx. 5 minutes	Door contact switches (S17/3, S17/4, S17/5, S17/6) Rear dome lamp (E15/3) Roof control panel control module (N70) PSE control module (A37)	DM, B&A, Vol. 1, 3.4 PSE 23

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No. 19 Heated rear window does not function Model 208.4 only:	Heated rear window switch (located in N22) Signal pick-up and activation module (SAM) (N10/1) PSE control module (A37) Soft top is not completely closed or a fault is stored in the Roll bar/power soft top control module (N52).	23 ⇒ 132.0, 133.0 Close and lock soft top; Check Roll bar/power soft top control module (N52) for DTC's.
No. 20 LED in heated rear window does not illuminate	Heated rear window switch (located in N22) Signal pick-up and activation module (SAM) (N10/1)	23 ⇒ 27.0
No. 21 Heated rear window does not shut-off after approx. 12 minutes	Signal pick-up and activation module (SAM) (N10/1)	Replace N10/1

¹⁾ Observe Preparation for Test, see 22.