

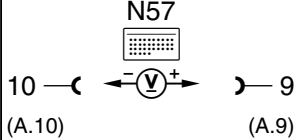
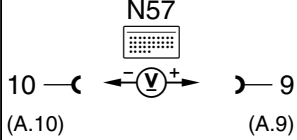
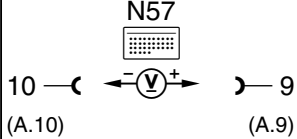
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 1.0 2 3 8 9 39	Voltage supply Circuit 30A	<p>10 —(—(V)—(—) 21 (A.10) (A.21)</p>	Ignition: OFF	11 – 14 V	⇒ 1.1, Circuit 31A.
⇒ 1.1	Circuit 30A	<p>⊥ —(—(V)—(—) 21 (A.21)</p>	Ignition: OFF	11 – 14 V	Circuit 30A.
⇒ 2.0 4 5 6 7 40	Voltage supply Circuit 30B	<p>62 —(—(V)—(—) 53 (B.21) (B.12)</p>	Ignition: OFF	11 – 14 V	⇒ 2.1, Circuit 31B.
⇒ 2.1	Circuit 30B	<p>⊥ —(—(V)—(—) 53 (B.12)</p>	Ignition: OFF	11 – 14 V	Circuit 30B.
⇒ 3.0 37	Voltage supply Circuit 30E	<p>11 —(—(V)—(—) 16 (A.11) (A.16)</p>	Ignition: OFF	11 – 14 V	⇒ 3.1, Circuit 31E.


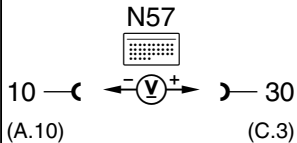
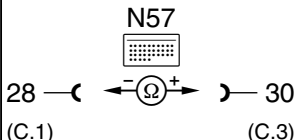
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 3.1	Circuit 30E		Ignition: OFF	11 – 14 V	Circuit 30E.
⇒ 4.0	 Voltage supply Circuit 15R		Ignition lock in position 1	11 – 14 V	Circuit 15R, Circuit 31A.
⇒ 5.0	Front door contact switches (S17/3, S17/4) circuit		Pull fuse (F3-17) Ignition: OFF Front doors: Closed	11 – 14 V	Wiring, Left door switch (S17/3), Right door switch (S17/4), CF control module (N57), ATA control module (N26), PSE control module (A37 or A37/1).
			Left front door: OPEN (right front door closed).	<2 V	Wiring, ⇒ 5.1.
			Right front door: OPEN (left front door closed).	<2 V	Wiring, ⇒ 5.1.

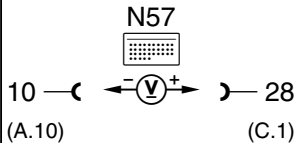
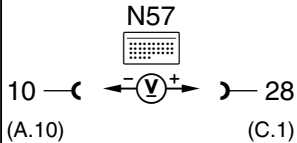

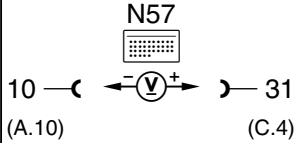
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 5.1	S17/3, S17/4	 <p>N57</p> <p>10 —()— ◀ —(V)— ▶ —()— 9 (A.10) (A.9)</p>	Ignition: OFF Overhead console: all switches in OFF position. Disconnect connector 1 of A37 or A37/1. Disconnect connector A of N57. All doors: CLOSED	11 – 14 V	Wiring, ⇒ 5.2, ⇒ 5.3.
⇒ 5.2	S17/3	 <p>N57</p> <p>10 —()— ◀ —(V)— ▶ —()— 9 (A.10) (A.9)</p>	See ⇒ 5.1 Disconnect S17/4 connector.	11 – 14 V	Wiring, S17/3.
⇒ 5.3	S17/4	 <p>N57</p> <p>10 —()— ◀ —(V)— ▶ —()— 9 (A.10) (A.9)</p>	See ⇒ 5.1 Disconnect S17/3 connector.	11 – 14 V	Wiring, S17/4.

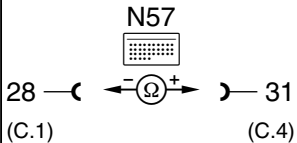
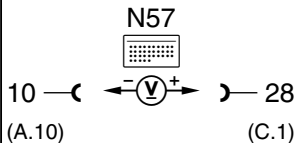
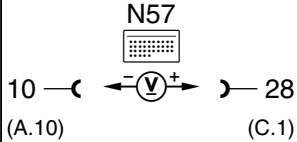
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 6.0 	Sliding/pop-up roof circuit (S13/2) Function: Closing sliding/pop-up roof		Ignition: ON S13/2: Rest position. Press and hold in close position.	<1 V 11 – 14 V Sliding/pop-up roof closes.	Wiring, ⇒ 6.1, ⇒ 6.2. Wiring, ⇒ 6.1, ⇒ 6.2. Sliding/pop-up roof motor (M12m1), Sliding/pop-up roof relay (M12k1).
⇒ 6.1	S13/2		Ignition: OFF Disconnect connector C from N57. S13/2: Rest position. Press and hold sun roof in close position. Press and hold pop-up roof in close position.	>20 kΩ <1 Ω <1 Ω	Wiring, S13/2. Wiring, S13/2. Wiring, S13/2.


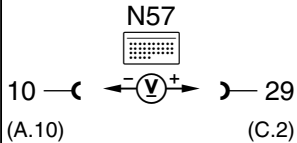
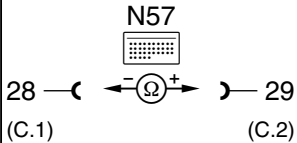
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 6.2	S13/2, N57		Ignition: ON	11 – 14 V	Wiring, ⇒ 6.3.
⇒ 6.3	N57		Ignition: OFF Disconnect connector C of sliding/pop-up roof wiring harness from test cable (22, Figure 1). Ignition: ON	11 – 14 V	N57.
⇒ 7.0	 Sliding/pop-up roof circuit (S13/2) Function: Opening sliding roof		Ignition: ON S13/2: Rest position. Press and hold sliding roof in open position.	<1V 11 – 14 V Sliding roof opens.	Wiring, ⇒ 7.1, ⇒ 7.2. Wiring, ⇒ 7.1, ⇒ 7.2. Sliding/pop-up roof motor (M12m1), Sliding/pop-up roof relay (M12k1).

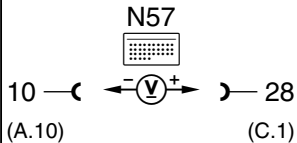
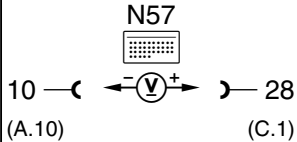
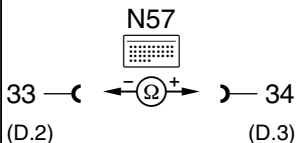
Electrical Test Program - Test

Test step DTC	Scope of test	Test connection	Test condition	Nominal value	Possible cause/remedy
⇒ 7.1	S13/2	 <p>28 —(C.1) ← Ω → (C.4) — 31</p>	Ignition: OFF Disconnect connector C from N57. S13/2: Rest position. Press and hold sliding roof in open position.	>20 kΩ <1 Ω	Wiring, S13/2. Wiring, S13/2.
⇒ 7.2	S13/2, N57	 <p>10 —(A.10) ← V → (C.1) — 28</p>	Ignition: ON	11 – 14 V	Wiring, ⇒ 7.3.
⇒ 7.3	N57	 <p>10 —(A.10) ← V → (C.1) — 28</p>	Ignition: OFF Disconnect connector C of sliding/pop-up roof wiring harness from test cable (22, Figure 1). Ignition: ON	11 – 14 V	N57.

Electrical Test Program - Test


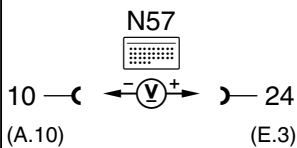
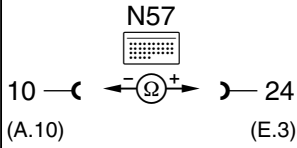
Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 8.0	 Sliding/pop-up roof circuit (S13/2) Function: Opening pop-up roof		Ignition: ON S13/2: Rest position. Press and hold pop-up roof in open position.	<1 V 11 – 14 V	Wiring, ⇒ 8.1, ⇒ 8.2. Wiring, ⇒ 8.1, ⇒ 8.2. Sliding/pop-up roof motor (M12m1), Sliding/pop-up roof relay (M12k1).
⇒ 8.1	S13/2		Ignition: OFF Disconnect connector C from N57. S13/2: Rest position. Press and hold pop-up roof in open position.	>20 kΩ <1 Ω	Wiring, S13/2. Wiring, S13/2.

Electrical Test Program - Test

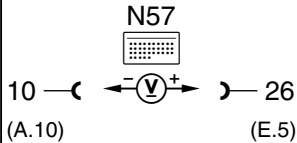
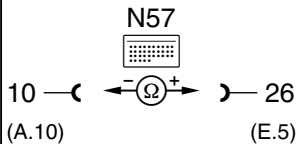
Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 8.2	S13/2, N57	 <p>N57</p> <p>10 —(←(V)→)— 28 (A.10) (C.1)</p>	Ignition: ON	11 – 14 V	Wiring, ⇒ 8.3.
⇒ 8.3	N57	 <p>N57</p> <p>10 —(←(V)→)— 28 (A.10) (C.1)</p>	Ignition: OFF Disconnect connector C of sliding/pop-up roof harness from test cable (22, Figure 1). Ignition: ON	11 – 14 V	N57.
⇒ 9.0	USA/ECE model recognition ¹⁾	 <p>N57</p> <p>33 —(←(Ω)→)— 34 (D.2) (D.3)</p>	Ignition: OFF Disconnect connector D from N57.	Code USA: <1 Ω Code ECE: >20 kΩ	Wiring. Wiring.

1) ECE = European version.


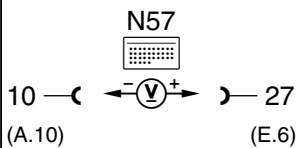
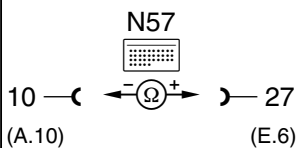
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 10.0	 Left front window circuit (S21/1) Function: Opening		Ignition: ON S21/1: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	9 – 14 V <1 V <1 V	Wiring, ⇒ 10.1, CF control module (N57). Wiring, ⇒ 10.1. Wiring, ⇒ 10.1.
⇒ 10.1	S21/1		Ignition: OFF Disconnect connector E from (N57). S21/1: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	>20 kΩ <2 Ω <2 Ω	Wiring, S21/1. Wiring, S21/1. Wiring, S21/1.



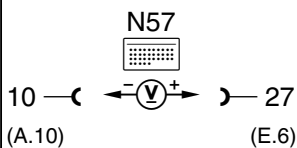
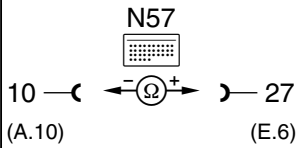
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 11.0 10 20	Left front window circuit (S21/1) Function: Closing	 <p>N57</p> <p>10 —(—(←(V)→ —) — 26 (A.10) (E.5)</p>	Ignition: ON S21/1: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	9 – 14 V <1 V <1 V	Wiring, ⇒ 11.1, CF control module (N57). Wiring, ⇒ 11.1. Wiring, ⇒ 11.1.
⇒ 11.1	S21/1	 <p>N57</p> <p>10 —(—(←(Ω)→ —) — 26 (A.10) (E.5)</p>	Ignition: OFF Disconnect connector E from N57. S21/1: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	>20 kΩ <2 Ω <2 Ω	Wiring, S21/1. Wiring, S21/1. Wiring, S21/1.


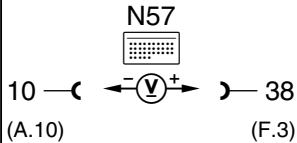
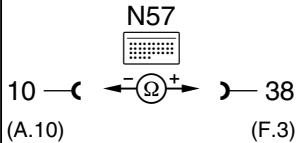
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 12.0	 Left front window circuit (S21/1) Function: One-touch operation		Ignition: ON S21/1: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	9 – 14 V 9 – 14 V <1 V	Wiring, ⇒ 12.1, CF control module (N57). Wiring, ⇒ 12.1. Wiring, ⇒ 12.1.
⇒ 12.1	S21/1		Ignition: OFF Disconnect connector E from N57. S21/1: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	>20 kΩ >20 kΩ <2 Ω	Wiring, S21/1. Wiring, S21/1. Wiring, S21/1.


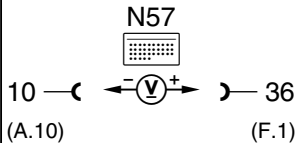
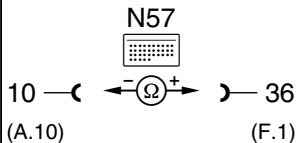
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 13.0	  Left front window circuit (S21/1) Function: One-touch operation		Ignition: ON S21/1: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	9 – 14 V 9 – 14 V <1 V	Wiring, ⇒ 13.1, CF control module (N57). Wiring, ⇒ 13.1, N57. Wiring, ⇒ 13.1.
⇒ 13.1	S21/1		Ignition: OFF Disconnect connector E from N57. S21/1: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	>20 kΩ >20 kΩ <2 Ω	Wiring, S21/1. Wiring, S21/1. Wiring, S21/1.


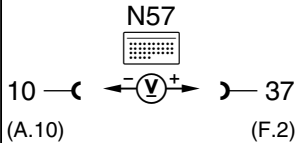
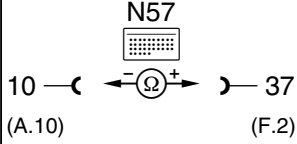
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 14.0	 Right front window circuit (S21/2) Function: Opening		Ignition: ON S21/2: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	9 – 14 V <1 V <1 V	Wiring, ⇒ 14.1, CF control module (N57). Wiring, ⇒ 14.1. Wiring, ⇒ 14.1.
⇒ 14.1	S21/2		Ignition: OFF Disconnect connector F from N57. S21/2: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	>20 kΩ <2 Ω <2 Ω	Wiring, S21/2. Wiring, S21/2. Wiring, S21/2.


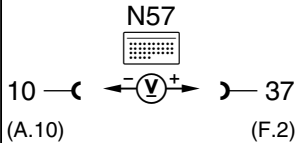
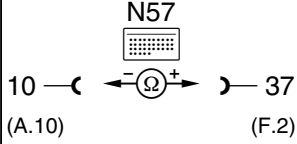
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 15.0	 Right front window circuit (S21/2) Function: Closing		Ignition: ON S21/2: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	9 – 14 V <1 V <1 V	Wiring, ⇒ 15.1, CF control module (N57). Wiring, ⇒ 15.1. Wiring, ⇒ 15.1.
⇒ 15.1	S21/2		Ignition: OFF Disconnect connector F from N57. S21/2: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	>20 kΩ <2 Ω <2 Ω	Wiring, S21/2. Wiring, S21/2. Wiring, S21/2.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 16.0	 Right front window circuit (S21/2) Function: One-touch operation		Ignition: ON S21/2: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	9 – 14 V 9 – 14 V <1 V	Wiring, ⇒ 16.1, CF control module (N57). Wiring, ⇒ 16.1, N57. Wiring, ⇒ 16.1.
⇒ 16.1	S21/2		Ignition: OFF Disconnect connector F from N57. S21/2: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	>20 kΩ >20 kΩ <2 Ω	Wiring, S21/2. Wiring, S21/2. Wiring, S21/2.

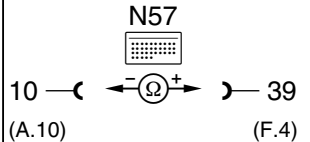
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 17.0	 Right front window circuit (S21/2) Function: One-touch operation		Ignition: ON S21/2: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	9 – 14 V 9 – 14 V <1 V	Wiring, ⇒ 17.1, CF control module (N57). Wiring, ⇒ 17.1, N57. Wiring, ⇒ 17.1.
⇒ 17.1	S21/2		Ignition: OFF Disconnect connector F from N57. S21/2: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	>20 kΩ >20 kΩ <2 Ω	Wiring, S21/2. Wiring, S21/2. Wiring, S21/2.

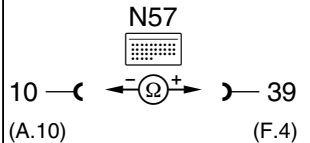
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 18.0	<p>15 22</p> <p>Left rear window switch (S21/3) and front console switch (S21/5) circuit Function: Opening</p> <p>S21/3</p> <p>S21/5</p>	<p>N57</p> <p>10 —(←(V)→)— 39 (A.10) (F.4)</p>	<p>Ignition: ON Rear power window safety switch (S21/7): OFF S21/3 and S21/5: Rest position.</p> <p>Press and hold to open (position “1”).</p> <p>Press and hold to open (position “2”).</p> <p>Press and hold to open (position “1”).</p> <p>Press and hold to open (position “2”).</p>	<p>9 – 14 V</p> <p><1 V</p> <p><1 V</p> <p><1 V</p> <p><1V</p>	<p>Wiring, ⇒ 18.1, ⇒ 18.2, CF control module (N57).</p> <p>Wiring, ⇒ 18.1, ⇒ 30.0.</p> <p>Wiring, ⇒ 18.1.</p> <p>Wiring, ⇒ 18.2.</p> <p>Wiring, ⇒ 18.2.</p>

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 18.1	S21/3	 <p style="text-align: center;">N57</p> <p>10 —(← ⊗ →)— 39 (A.10) (F.4)</p>	Ignition: OFF Disconnect connector F from N57. S21/3 and S21/5: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	>20 kΩ <3 Ω <3 Ω	Wiring, S21/3, S21/5. Wiring, S21/3. Wiring, S21/3.

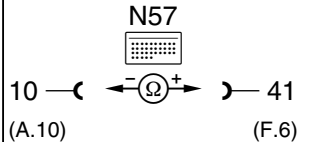
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 18.2	S21/5, (center console)	 <p>N57</p> <p>10 — (A.10) ← Ω → (F.4) — 39</p>	Ignition: OFF Disconnect connector F from N57. Disconnect left rear door plug connection (X35/3) (Figure 6). S21/5: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	>20 kΩ <2 Ω <2 Ω	Wiring, S21/5. Wiring, S21/5. Wiring, S21/5.

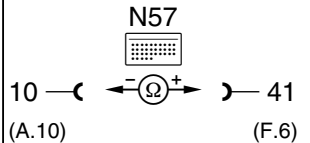
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 19.0 14 22	Left rear window switch (S21/3) and front console switch (S21/5) circuit Function: Closing	<p>N57</p> <p>10 —(← V →)— 41 (A.10) (F.6)</p>	Ignition: ON Rear power window safety switch (S21/7): OFF S21/5 and S21/3: Rest position.	9 – 14 V	Wiring, ⇒ 19.1, ⇒ 19.2.
	S21/3		Press and hold to close (position “1”).	<1 V	Wiring, ⇒ 19.1, ⇒ 26.0.
	S21/5		Press and hold to open (position “2”).	<1 V	Wiring, ⇒ 19.1.
			Press and hold to close (position “1”).	<1 V	Wiring, ⇒ 19.2.
			Press and hold to close (position “2”).	<1V	Wiring, ⇒ 19.2.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 19.1	S21/3	 <p>10 —(A.10) ← ⊗ → (F.6) —41</p> <p>N57</p>	<p>Ignition: OFF Disconnect connector F from N57. S21/5 and S21/3: Rest position.</p> <p>Press and hold to close (position "1").</p> <p>Press and hold to close (position "2").</p>	<p>>20 kΩ</p> <p><3 Ω</p> <p><3 Ω</p>	<p>Wiring, S21/3, S21/5.</p> <p>Wiring, S21/3.</p> <p>Wiring, S21/3.</p>

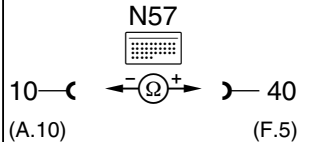
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 19.2	S21/5, (center console)	 <p style="text-align: center;">N57</p> <p>10 —(← Ω →)— 41 (A.10) (F.6)</p>	Ignition: OFF Disconnect connector F from N57. Disconnect left rear door plug connection (X35/3) (Figure 6). S21/5: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	>20 kΩ <2 Ω <2 Ω	Wiring, S21/5. Wiring, S21/3. Wiring, S21/5.

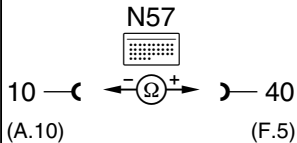
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 20.0 15 22	<p>Left rear window switch (S21/3) and front console switch (S21/5) circuit Function: One-touch operation</p> <p>S21/3</p> <p>S21/5</p>	<p>N57</p> <p>10 —(← V →)— 40 (A.10) (F.5)</p>	<p>Ignition: ON Rear power window safety switch (S21/7): OFF S21/5 and S21/3: Rest position.</p> <p>Press and hold to open (position “1”).</p> <p>Press and hold to open (position “2”).</p> <p>Press and hold to open (position “1”).</p> <p>Press and hold to open (position “2”).</p>	<p>9 – 14 V</p> <p>9 – 14 V</p> <p><1 V</p> <p>9 – 14 V</p> <p><1V</p>	<p>Wiring, ⇒ 20.1, ⇒ 20.2, CF control module (N57).</p> <p>Wiring, ⇒ 20.1, N57.</p> <p>Wiring, ⇒ 20.1, ⇒ 26.0.</p> <p>Wiring, ⇒ 20.2, N57.</p> <p>Wiring, ⇒ 20.2.</p>

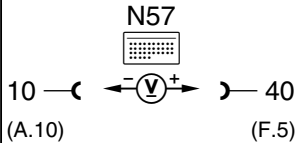
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 20.1	S21/3		Ignition: OFF Disconnect connector F from N57. S21/5 and S21/3: Rest position Press and hold to open (position "1"). Press and hold to open (position "2").	>20 kΩ >20 kΩ <3 Ω	Wiring, S21/3, S21/5. Wiring, S21/3. Wiring, S21/3.

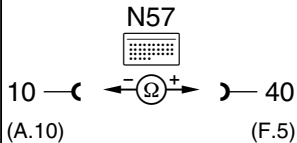
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 20.2	S21/5, (center console)	 <p>N57</p> <p>10 — (A.10) ← Ω → 40 (F.5)</p>	<p>Ignition: OFF</p> <p>Disconnect connector F from N57. Disconnect left rear door plug connection (X35/3) (Figure 6).</p> <p>S21/5:</p> <p>Rest position.</p> <p>Press and hold to open (position “1”).</p> <p>Press and hold to open (position “2”).</p>	<p>>20 kΩ</p> <p>>20 kΩ</p> <p><2 Ω</p>	<p>Wiring, S21/5.</p> <p>Wiring, S21/5.</p> <p>Wiring, S21/5.</p>

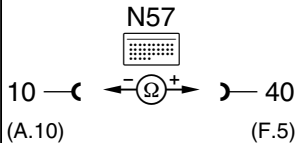
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 21.0 14 22	<p>Left rear window switch (S21/3) and front console switch (S21/5) circuit Function: One-touch operation</p> <p>S21/3</p> <p>S21/5</p>	 <p>N57</p> <p>10 —(A.10) ← ⊖ ⊕ → — 40 (F.5)</p>	<p>Ignition: ON Rear power window safety switch (S21/7): OFF S21/5 and S21/3: Rest position.</p> <p>Press and hold to close (position "1").</p> <p>Press and hold to close (position "2").</p> <p>Press and hold to close (position "1").</p> <p>Press and hold to close (position "2").</p>	<p>9 – 14 V</p> <p>9 – 14 V</p> <p><1 V</p> <p>9 – 14 V</p> <p><1 V</p>	<p>Wiring, ⇒ 21.1, ⇒ 21.2, CF control module (N57).</p> <p>Wiring, ⇒ 21.1, N57.</p> <p>Wiring, ⇒ 21.1.</p> <p>Wiring, ⇒ 21.2, N57.</p> <p>Wiring, ⇒ 21.2.</p>

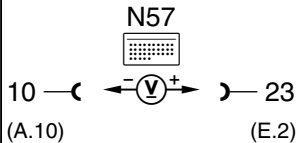
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 21.1	S21/3	 <p>10 —(A.10) ← Ω → (F.5) 40</p> <p>N57</p>	Ignition: OFF Disconnect connector F from N57. S21/5 and S21/3: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	>20 kΩ >20 kΩ <3 Ω	Wiring, S21/3, S21/5. Wiring, S21/3. Wiring, S21/3.

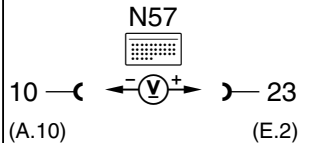
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 21.2	S21/5, (center console)	 <p>10 — (A.10) ← Ω → 40 (F.5)</p>	Ignition: OFF Disconnect connector F from N57. Disconnect left rear door plug connection (X35/3) (Figure 6). S21/5: Rest position. Press and hold to close (position “1”). Press and hold to close (position “2”).	>20 kΩ >20 kΩ <2 Ω	Wiring, S21/5. Wiring, S21/5. Wiring, S21/5.

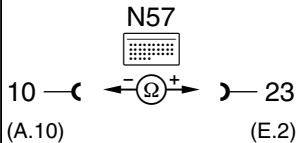
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 22.0	<p>Right rear window circuit (S21/4, S21/6) Function: Opening</p> <p>S21/4</p> <p>S21/6</p>	<p>N57</p>  <p>10 — (A.10) ← V → — 23 (E.2)</p>	<p>Ignition: ON Rear power window safety switch (S21/7): OFF S21/4 and S21/6: Rest position.</p> <p>Press and hold to open (position “1”).</p> <p>Press and hold to open (position “2”).</p> <p>Press and hold to open (position “1”).</p> <p>Press and hold to open (position “2”).</p>	<p>9 – 14 V</p> <p><1 V</p> <p><1 V</p> <p><1V</p> <p><1V</p>	<p>Wiring, ⇒ 22.1, ⇒ 22.2, CF control module (N57).</p> <p>Wiring, ⇒ 22.1, ⇒ 26.0.</p> <p>Wiring, ⇒ 22.1.</p> <p>Wiring, ⇒ 22.2.</p> <p>Wiring, ⇒ 22.2.</p>


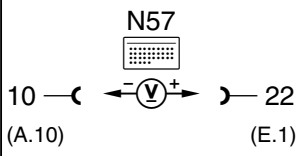
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 22.1	S21/4	 <p>N57</p> <p>10 —(A.10) ← ⊖ ⊕ → — 23 (E.2)</p>	Ignition: OFF Disconnect connector E from N57. S21/4 and S21/6: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	>20 kΩ <3 Ω <3 Ω	Wiring, S21/4, S21/6. Wiring, S21/4. Wiring, S21/4.

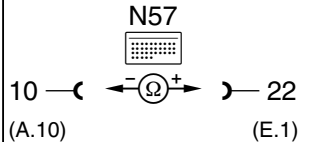
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 22.2	S21/6, (center console)	 <p>N57</p> <p>10 — (A.10) ← Ω+ → 23 (E.2)</p>	<p>Ignition: OFF</p> <p>Disconnect connector E from N57. Disconnect right rear door plug connection (X35/4) (Figure 6).</p> <p>S21/6:</p> <p>Rest position.</p> <p>Press and hold to open (position “1”).</p> <p>Press and hold to open (position “2”).</p>	<p>>20 kΩ</p> <p><2 Ω</p> <p><2 Ω</p>	<p>Wiring, S21/6.</p> <p>Wiring, S21/6.</p> <p>Wiring, S21/6.</p>

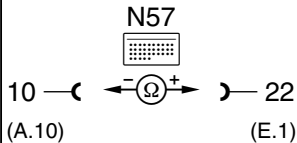
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 23.0	 Right rear window circuits (S21/4, S21/6) Function: Closing S21/4 S21/6	 <p>N57</p> <p>10 — (A.10) ← ⊖ ⊕ → — 22 (E.1)</p>	Ignition: ON Rear power window safety switch (S21/7): OFF S21/4 and S21/6: Rest position. Press and hold to close (position “1”). Press and hold to close (position “2”). Press and hold to close (position “1”). Press and hold to close (position “2”).	9 – 14 V <1 V <1 V <1V <1V	Wiring, ⇒ 23.1, ⇒ 23.2, CF control module (N57). Wiring, ⇒ 23.1, ⇒ 26.0. Wiring, ⇒ 23.1. Wiring, ⇒ 23.2. Wiring, ⇒ 23.2.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 23.1	S21/4	 <p>10 —(A.10) ← Ω → (E.1) — 22</p> <p>N57</p>	Ignition: OFF Disconnect connector E from N57. S21/4 and S21/6: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	>20 kΩ <3 Ω <3 Ω	Wiring, S21/4, S21/6. Wiring, S21/4. Wiring, S21/4.

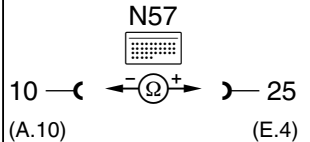
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 23.2	S21/6, (center console)	 <p>N57</p> <p>10 — (A.10) ← Ω → — 22 (E.1)</p>	Ignition: OFF Disconnect connector E from N57. Disconnect right rear door plug connection (X35/4) (Figure 6). S21/6: Rest position. Press and hold to close (position “1”). Press and hold to close (position “2”).	>20 kΩ <2 Ω <2 Ω	Wiring, S21/6. Wiring, S21/6. Wiring, S21/6.

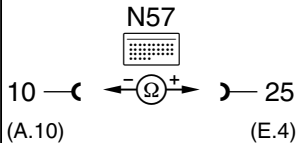
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 24.0 17 23	Right rear window circuit (S21/4, S21/6) Function: One-touch operation	<p>N57 10 — (A.10) ← V → 25 (E.4)</p>	Ignition: ON Rear power windows safety switch (S21/7): OFF S21/4 and S21/6: Rest position.	9 – 14 V	Wiring, ⇒ 24.1, ⇒ 24.2, CF control module (N57).
	S21/4		Press and hold to open (position “1”).	9 – 14 V	Wiring, ⇒ 24.1, N57.
	S21/6		Press and hold to open (position “2”).	<1 V	Wiring, ⇒ 24.1, ⇒ 26.0.
			Press and hold to open (position “1”).	9 – 14 V	Wiring, ⇒ 24.2, N57.
			Press and hold to open (position “2”).	<1V	Wiring, ⇒ 24.2.


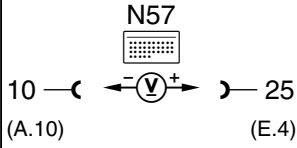
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 24.1	S21/4	 <p>10 —(A.10) ← Ω → (E.4) — 25</p>	Ignition: OFF Disconnect connector E from N57. S21/4 and S26/6: Rest position. Press and hold to open (position "1"). Press and hold to open (position "2").	>20 kΩ >20 kΩ <3 Ω	Wiring, S21/4, S21/6. Wiring, S21/4. Wiring, S21/4.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 24.2	S21/6, (center console)	 <p>N57</p> <p>10 — (A.10) ← Ω → 25 (E.4)</p>	Ignition: OFF Disconnect connector E from N57. Disconnect right rear door plug connection (X35/4) (Figure 6). S26/6: Rest position. Press and hold to open (position “1”). Press and hold to open (position “2”).	>20 kΩ >20 kΩ <2 Ω	Wiring, S21/6. Wiring, S21/6. Wiring, S21/6.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 25.0	 Right rear window circuit (S21/4, S21/6) Function: One-touch operation		Ignition: ON Rear power window safety switch (S21/7): OFF S21/4 and S21/6: Rest position.	9 – 14 V	Wiring, ⇒ 25.1, ⇒ 25.2, CF control module (N57).
	S21/4		Press and hold to close (position “1”).	9 – 14 V	Wiring, ⇒ 25.1, N57.
	S21/6		Press and hold to close (position “2”).	<1 V	Wiring, ⇒ 25.1.
			Press and hold to close (position “1”).	9 – 14 V	Wiring, ⇒ 25.2, N57.
			Press and hold to close (position “2”).	<1V	Wiring, ⇒ 25.2.

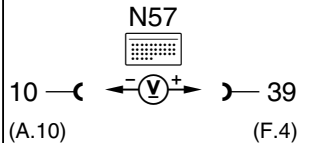
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 25.1	S21/4	<p style="text-align: center;">N57</p> <p style="text-align: center;">10 —(← Ω →)— 25 (A.10) (E.4)</p>	Ignition: OFF Disconnect connector E from N57. S21/4 and S26/6: Rest position. Press and hold to close (position "1"). Press and hold to close (position "2").	>20 kΩ >20 kΩ <3 Ω	Wiring, S21/4, S21/6. Wiring, S21/4. Wiring, S21/4.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 25.2	S21/6, (center console)	<p>N57</p> <p>10 —(A.10) ← Ω → (E.4) 25</p>	Ignition: OFF Disconnect connector E from N57. Disconnect right rear door plug connection (X35/4) (Figure 6). S21/6: Rest position. Press and hold to close (position “1”). Press and hold to close (position “2”).	>20 kΩ >20 kΩ <2 Ω	Wiring, S21/6. Wiring, S21/6. Wiring, S21/6.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 26.0	Rear power windows safety switch (center console) (S21/7)	 <p>N57</p> <p>10 —(A.10) ← ⊖ ⊕ → —(F.4) 39</p>	Ignition: ON Hold left rear power window switch (S21/3) in open position. S21/7: OFF S21/7: ON	<1 V 9 – 14 V	Wiring, ⇒ 26.1, CF control module (N57). Wiring, ⇒ 26.1, ⇒ 18.0.


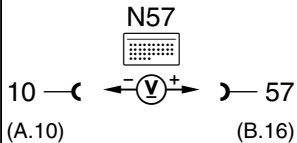
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 26.1	S21/7, (center console)	<p>N57</p> <p>10 —(A.10) ← ⊗ → (F.4) — 39</p>	Ignition: OFF Disconnect connector F from N57. Hold left rear power window switch (S21/3) in open position. S21/7: OFF S21/7: ON	 >20 kΩ <2 Ω	 Wiring, S21/7. Wiring, S21/7.

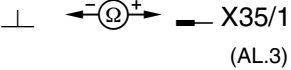
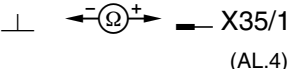
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 27.0 19	<p>Lock switch circuit: Left front (S86/1), right front (S87/1) and trunk lid (S88/2) Function: Opening</p> <p>S86/1</p> <p>S87/1</p> <p>S88/2</p>	<p>N57</p> <p>10 ← (A.10) ← V → (B.20) 61</p>	<p>S86/1, S87/1 and S88/2: Rest position.</p> <p>Hold to open position.</p> <p>Hold to open position.</p> <p>Hold to open position.</p>	<p>9 – 14 V</p> <p><1 V</p> <p><1 V</p> <p><1 V</p>	<p>Wiring, ⇒ 27.1, ⇒ 27.2, ⇒ 27.3, CF control module (N57), PSE control module (A37 or A37/1).</p> <p>Wiring, ⇒ 27.1.</p> <p>Wiring, ⇒ 27.2.</p> <p>Wiring, ⇒ 27.3.</p>

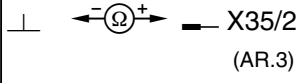
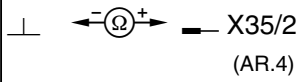
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ [27.0] 	Function: Closing		S86/1, S87/1 and S88/2: Rest position.	9 – 14 V	Wiring, ⇒ 27.1, ⇒ 27.2, ⇒ 27.3, CF control module (N57), PSE control module (A37 or A37/1).
	S86/1		Hold to close position.	<1 V	Wiring, ⇒ 27.1.
	S87/1		Hold to close position.	<1 V	Wiring, ⇒ 27.2.
	S88/2		Hold to close position.	<1 V	Wiring, ⇒ 27.3.

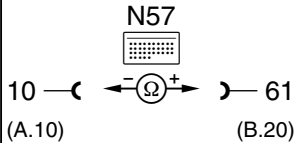
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 27.1	S86/1		Ignition: OFF Disconnect plug connection A, left front door (X35/1) (Figure 5). S86/1: Rest position.	>20 kΩ	Wiring, S86/1.
			Hold to open position.	<10 Ω	Wiring, S86/1.
			Hold to close position.	>20 kΩ	Wiring.
			S86/1: Rest position.	>20 kΩ	Wiring, S86/1.
			Hold to open position.	<10 Ω	Wiring, S86/1.
			Hold to close position.	>20 kΩ	Wiring.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 27.2	S87/1	 <p>X35/2 (AR.3)</p>	Ignition: OFF Disconnect plug connection A, right front door (X35/2) (Figure 5). S87/1: Rest position.	>20 kΩ	Wiring, S87/1.
			Hold to open position.	<10 Ω	Wiring, S87/1.
			Hold to close position.	>20 kΩ	Wiring.
		 <p>X35/2 (AR.4)</p>	S87/1: Rest position.	>20 kΩ	Wiring, S87/1.
			Hold to close position.	<10 Ω	Wiring, S87/1.
			Hold to open position.	>20 kΩ	Wiring.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 27.3	S88/2	 <p>10 — (A.10) ← Ω → — 61 (B.20)</p>	<p>Disconnect battery ground cable.</p> <p>Disconnect connector B from N57.</p> <p>Disconnect PSE control module (A37 or A37/1).</p> <p>Disconnect plug connections A, left front door (X35/1) and right front door (X35/2) (Figure 5).</p> <p>S88/2:</p> <p>Rest position.</p> <p>Hold to open position.</p> <p>Hold to close position.</p>	<p>>20 kΩ</p> <p><10 Ω</p> <p>>20 kΩ</p>	<p>Wiring, S88/2.</p> <p>Wiring, S88/2.</p> <p>Wiring.</p>

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ [27.3]	S88/2	<p>10 — (A.10) ← Ω → (B.16) — 57</p>	<p>S88/2: Rest position.</p> <p>Hold to close position.</p> <p>Hold to open position.</p>	<p>>20 kΩ</p> <p><10 Ω</p> <p>>20 kΩ</p>	<p>Wiring, S88/2.</p> <p>Wiring, S88/2.</p> <p>Wiring.</p>
⇒ 28.0	Convenience relay module circuit (K24)	<p>⊥ ← V → F3-32</p>	<p>Ignition: OFF All doors: Closed</p> <p>Left front door: Open</p>	<p><2 V</p> <p>11 – 14 V</p>	<p>Wiring, ⇒ 28.1, ⇒ 5.0, ⇒ 28.2.</p> <p>Wiring, ⇒ 28.1, ⇒ 5.0, ⇒ 28.2.</p>

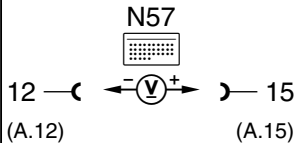
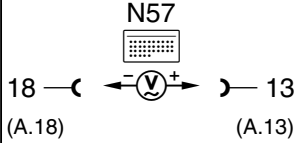
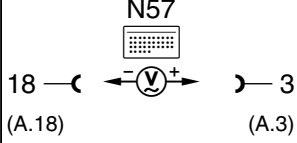
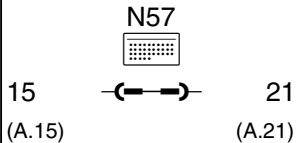
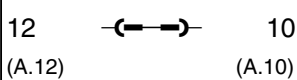
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 28.1	K24	<p>N57</p> <p>21 (A.21) ←(V)→ 32 (D.1)</p> <p>F3-32 (Input side of fuse 32)</p> <p>⊥ ←(V)→)</p>	Ignition: OFF Disconnect connector D of N57.	11 – 14 V	Wiring, K24.
⇒ 28.2	N57	<p>N57</p> <p>10 (A.10) ←(V)→) 32 (D.1)</p>	Ignition: OFF Disconnect connector D of taillamp harness from test cable (22, Figure 1). All doors: Closed Left front door: Open	<2 V 11 – 14 V	⇒ 5.0, N57. ⇒ 5.0, N57.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 29.0 2 3 24 32	Left front power window motor (M10/3) circuit		Ignition: ON S21/1: Rest position. Press and hold to open position.	6 – 12 V <2 V 8 – 14 V while window opens	Wiring, ⇒ 29.2. Wiring, CF control module (N57). Wiring, ⇒ 10.0, ⇒ 29.1, N57.

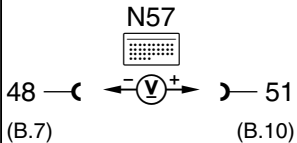
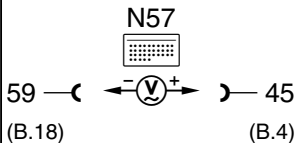
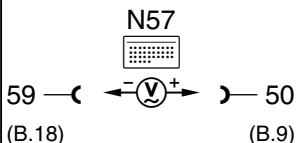
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ [29.0]	M10/3 circuit	  	<p>S21/1: Press and hold to close position.</p> <p>Press and hold to open position.</p> <p>Press and hold to open position.</p>	<p>-8 to -14 V while window closes</p> <p>2 – 3 V while window opens</p> <p>2 – 3 V while window opens</p>	<p>Wiring, ⇒ 11.0, ⇒ 29.1, CF control module (N57).</p> <p>Wiring, M10/3, N57.</p> <p>Wiring, M10/3, N57.</p>
⇒ 29.1	M10/3	 	<p>Ignition: OFF, window closed ⚠ CAUTION ! Disconnect connector A from N57. Bridge sockets 15 and 21 using fused jumper wire 124 589 37 63 00.</p> <p>Bridge sockets 12 and 10.</p>	Window opens.	Wiring, M10/3.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 29.2	N57	<p style="text-align: center;">N57</p> <p>16 —(← →)— 53 (A.16) (B.12)</p> <p>8 —(← →)— 53 (A.8) (B.12)</p> <p>11 —(← →)— 62 (A.11) (B.21)</p> <p>18 —(← ⊖ ⊕ →)— 19 (A.18) (A.19)</p>	Disconnect connector A of taillamp harness from test cable (22, Figure 1). Socket box bridge connections provide voltage supply and ground for N57 (circuits 30E, 15R, 31E).	6 – 12 V	CF control module (N57).
⇒ 30.0	4 5 25 33 Right front power window motor (M10/4) circuit	<p style="text-align: center;">N57</p> <p>59 —(← ⊖ ⊕ →)— 44 (B.18) (B.3)</p>	Ignition: ON	6 – 12 V	Wiring, N57, ⇒ 30.2.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ [30.0]	M10/4	 <p>N57 48 —()— ◀ —(V)▶ —()— 51 (B.7) (B.10)</p>	<p>S21/2: Rest position.</p> <p>Press and hold to open position.</p> <p>Press and hold to close position.</p>	<p><2 V</p> <p>8 – 14 V while window opens.</p> <p>–8 to –14 V while window closes.</p>	<p>Wiring, CF control module (N57).</p> <p>Wiring, ⇒ 14.0, ⇒ 30.1, N57.</p> <p>Wiring, ⇒ 15.0, ⇒ 30.1, N57.</p>
		 <p>N57 59 —()— ◀ —(V)▶ —()— 45 (B.18) (B.4)</p>	<p>S21/2: Press and hold to open position.</p>	<p>2 – 3 V while window opens.</p>	<p>Wiring, M10/4.</p>
		 <p>N57 59 —()— ◀ —(V)▶ —()— 50 (B.18) (B.9)</p>	<p>S21/2: Press and hold to open position.</p>	<p>2 – 3 V while window opens</p>	<p>Wiring, M10/4.</p>

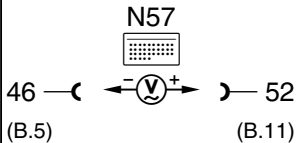
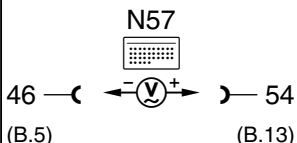
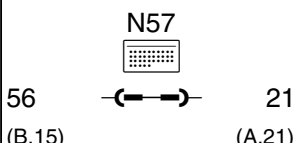
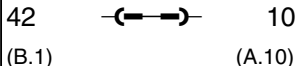
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 30.1	M10/4	<p>Diagram description: A connector labeled N57 is shown at the top. Below it, two bridge sockets are indicated. The first bridge connects pin 51 (B.10) to pin 21 (A.21). The second bridge connects pin 48 (B.7) to pin 10 (A.10). Both bridges are represented by a double-headed arrow with a horizontal line through the center.</p>	Ignition: OFF , window closed. CAUTION ! Disconnect connector B from N57. Bridge sockets 51 and 21 using fused jumper wire 124 589 37 63 00. Bridge sockets 48 and 10.	Window opens	Wiring, M10/4.
⇒ 30.2	N57	<p>Diagram description: A connector labeled N57 is shown at the top. Below it, a test cable is connected between pin 59 (B.18) and pin 44 (B.3). The test cable is represented by a circle with a 'V' inside, a minus sign on the left, and a plus sign on the right, with arrows pointing to the respective pins.</p>	Disconnect connector B of taillamp wiring harness from test cable (22, Figure 1). Ignition: ON	6 – 12 V	N57.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 31.0 B 7 26 34	Left rear power window motor (M10/5) circuit	<p>N57</p> <p>46 —()— ◀ —(V)±— ▶ —()— 58 (B.5) (B.17)</p> <p>N57</p> <p>42 —()— ◀ —(V)±— ▶ —()— 56 (B.1) (B.15)</p>	<p>Ignition: ON</p> <p>S21/5: Rest position.</p> <p>Press and hold to open position.</p> <p>Press and hold to close position.</p>	<p>6 – 12 V</p> <p><2 V</p> <p>8 – 14 V while window opens.</p> <p>–8 to –14 V while window closes.</p>	<p>Wiring, ⇒ 31.2.</p> <p>Wiring, N57.</p> <p>Wiring, ⇒ 18.0, ⇒ 31.1, Convenience control module (N57).</p> <p>Wiring, ⇒ 19.0, ⇒ 31.1, N57.</p>

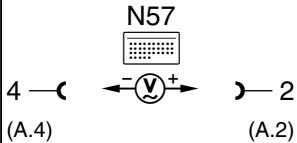
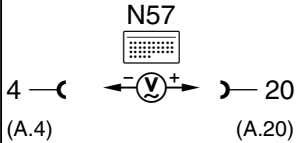
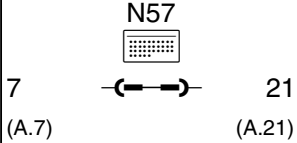
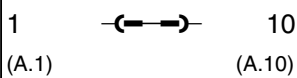
Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ [31.0]	M10/5	 	<p>S21/5: Press and hold to open position.</p> <p>S21/5: Press and hold to open position.</p>	<p>2 – 3 V while window opens.</p> <p>2 – 3 V while window opens.</p>	<p>Wiring, M10/5.</p> <p>Wiring, M10/5.</p>
⇒ 31.1	M10/5	 	<p>Ignition: OFF, window closed. ⚠ CAUTION ! Disconnect connector B from N57. Bridge sockets 56 and 21 using fused jumper wire 124 589 37 63 00.</p> <p>Bridge sockets 42 and 10.</p>	Window opens.	Wiring, M10/5.




Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 31.2	N57	<p>46 —(←(V)→)— 58 (B.5) (B.17)</p>	Disconnect connector B to taillamp harness from test cable (22, Figure 1). Ignition: ON	6 – 12 V	CF control module (N57).
⇒ 32.0	<p>Right rear power window (M10/6) circuit</p>	<p>4 —(←(V)→)— 5 (A.4) (A.5)</p> <p>1 —(←(V)→)— 7 (A.1) (A.7)</p>	Ignition: ON S21/6: Rest position. Press and hold to open position. Press and hold to close position.	6 – 12 V <2 V 8 – 14 V while window opens. –8 to –14 V while window closes.	Wiring, ⇒ 32.2 Wiring, N57. Wiring, ⇒ 22.0, ⇒ 32.1, N57. Wiring, ⇒ 23.0, ⇒ 32.1, N57.

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ [32.0]	M10/6 circuit	 	<p>S21/6: Press and hold to open position.</p> <p>Press and hold to open position.</p>	<p>2 – 3 V while window opens.</p> <p>2 – 3 V while window opens.</p>	<p>Wiring, M10/6.</p> <p>Wiring, M10/6.</p>
⇒ 32.1	M10/6	 	<p>Ignition: OFF, window closed.</p> <p>CAUTION ! Disconnect connector A from N57. Bridge sockets 7 and 21 using fused jumper wire 124 589 37 63 00.</p> <p>Bridge sockets 1 and 10.</p>	<p>Window opens.</p>	<p>Wiring, M10/6.</p>

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 32.2	N57	 <p>16 (A.16) ← (→) — 53 (B.12)</p> <p>8 (A.8) ← (→) — 53 (B.12)</p> <p>11 (A.11) ← (→) — 62 (B.21)</p> <p>4 (A.4) ← (→) — 5 (A.5)</p>	Disconnect connector A of taillamp harness from test cable (22, Figure 1). Socket box bridge connections provide voltage supply and ground for N57 (circuits 30E, 15R, 31E).	6 – 12 V	N57.
⇒ 33.0	Left door rotary tumbler microswitch (S86s2) (Coupé only) Voltage supply	 <p>62 (B.21) ← (→) — 43 (B.2)</p>	Left door: open closed	0 - 1 V 11 - 14 V	Wiring, S86s2.
⇒ 34.0	Right door rotary tumbler microswitch (S87s2) (Coupé only) Voltage supply	 <p>62 (B.21) ← (→) — 49 (B.8)</p>	Right door: open closed	0 - 1 V 11 - 14 V	Wiring, S87s2.

Electrical Test Program - Test

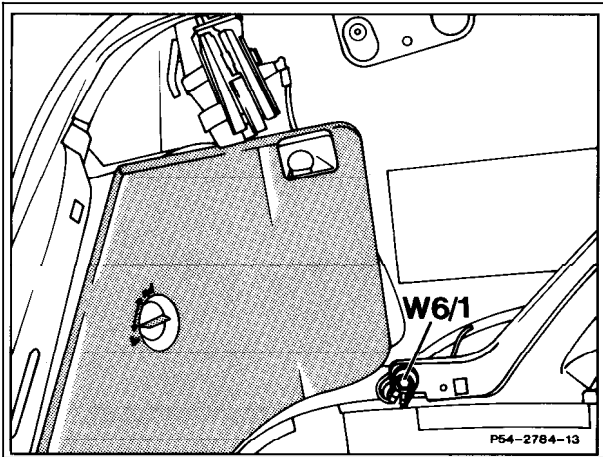


Figure 1
W6/1 Ground (left taillamp in trunk)

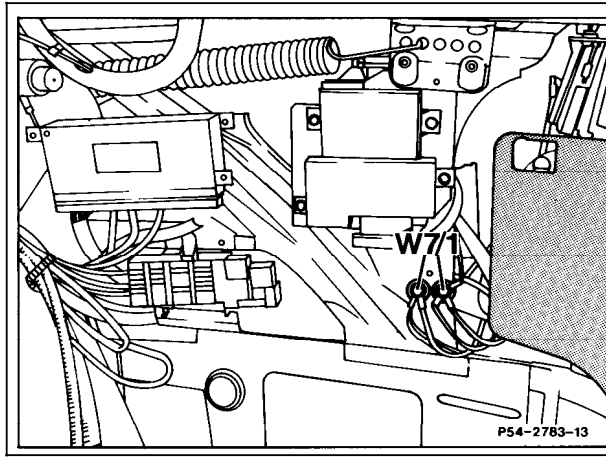


Figure 2
W7/1 Ground (right rear taillamp in trunk)

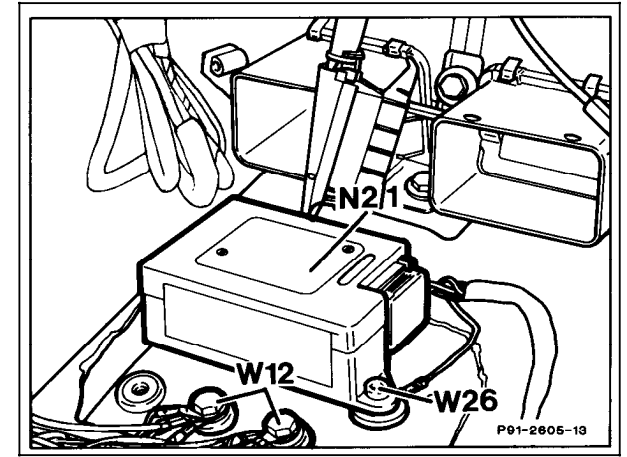


Figure 3
W12 Ground (center console)
W26

Electrical Test Program - Test

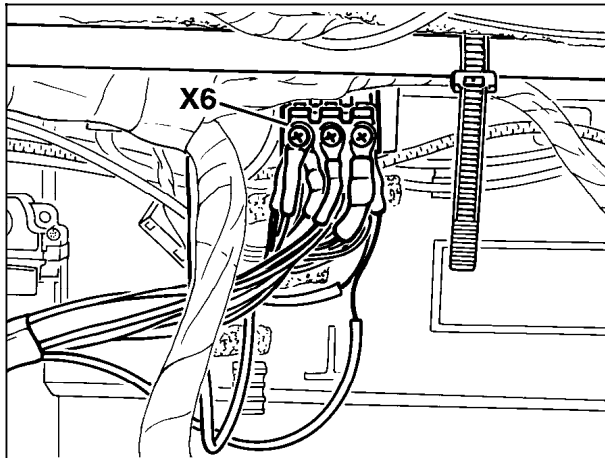


Figure 4 P82-3066-13
X6 Terminal block (terminal 58d) (3- or 4-pole)

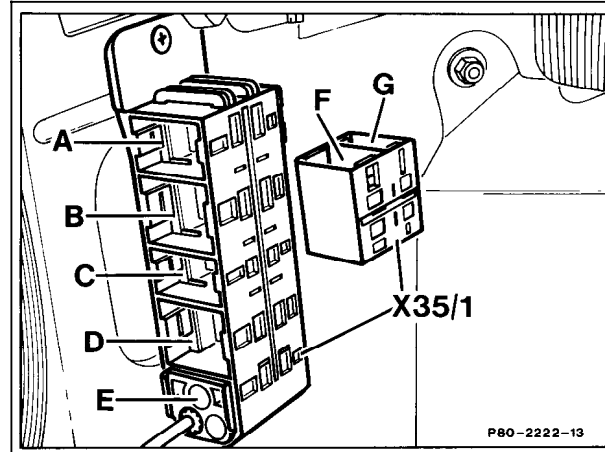


Figure 5 P80-2222-13
X35/1 Left front door separation point
X35/2 Right front door separation point

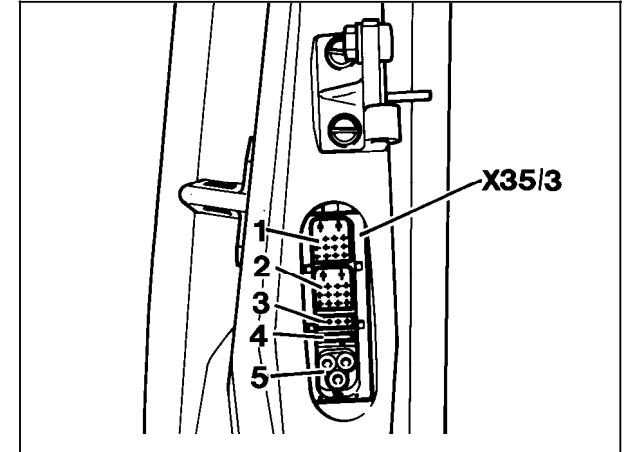


Figure 6 P54-2808-13
X35/3 Left rear door separation point
X35/4 Right rear door separation point (mirror image of left shown)

Electrical Test Program - Test

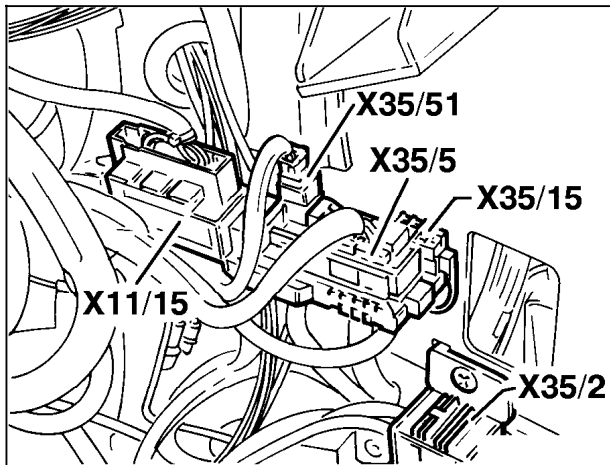


Figure 7 P54-2842-13

X35/5 Module box/taillamp harness plug connection (ABS/ASR/ASD) (12-pole)

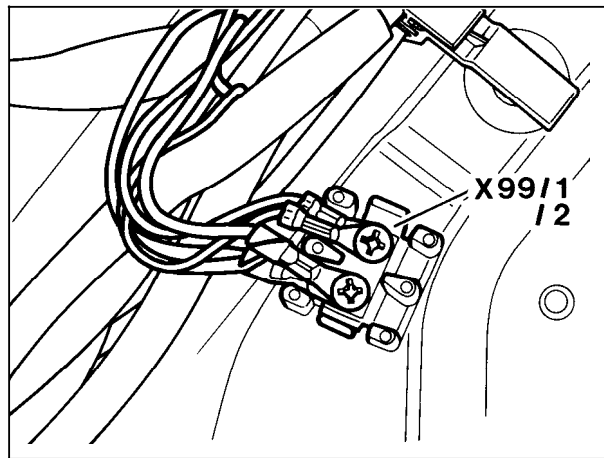


Figure 8 P82-2995-13A

X99/1 Terminal block (left front door ground)
 X99/2 Terminal block (right front door ground) (mirror image of left shown)