

Electrical Test Program - Test

Test step DTC	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 1.0	<b>Electrically adjustable and heated driver-side outside rearview mirror (M21/1)</b> Voltage supply	<p>M21/1 5 — ( ← ⊖ ⊕ → ) — 4</p> <p>M21/1 3 — ( ← ⊖ ⊕ → ) — 4</p>	<p>Connector unplugged from M21/1. Ignition: <b>ON</b> Outside mirror control switch S50 pushed upward</p> <p>S50 pushed downward</p> <p>S50 pushed outward</p> <p>S50 pushed inward.</p>	<p>11 – 14 V</p> <p>-11 to -14 V</p> <p>11 – 14 V</p> <p>-11 to -14 V</p>	Wiring, S50, M21/1.
⇒ 2.0	<b>Electrically adjustable and heated front-passenger outside rearview mirror (M21/2)</b> Voltage supply	<p>M21/2 5 — ( ← ⊖ ⊕ → ) — 4</p> <p>M21/2 3 — ( ← ⊖ ⊕ → ) — 4</p>	<p>Connector unplugged from M21/2. Ignition: <b>ON</b> S50 pushed upward.</p> <p>S50 pushed downward.</p> <p>S50 pushed outward.</p> <p>S50 pushed inward.</p>	<p>11 – 14 V</p> <p>-11 to -14 V</p> <p>11 – 14 V</p> <p>-11 to -14 V</p>	Wiring, S50, M21/2.

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⇒ 3.0	<b>Outside mirror control switch (S50)</b> Voltage supply		Connector unplugged from S50. Ignition: <b>ON</b>	11 – 14 V	Wiring.
⇒ 4.0	<b>Electrically adjustable and heated driver-side outside rearview mirror (M21/1) heating</b> Voltage supply		Connector unplugged from M21/1. Ignition: <b>ON</b>	11 – 14 V	Wiring.
⇒ 5.0	<b>Electrically adjustable and heated front passenger outside rearview mirror (M21/2) heating</b> Voltage supply		Connector unplugged from M21/2. Ignition: <b>ON</b>	11 – 14 V	Wiring.
⇒ 6.0	<b>Outside mirror control switch (S50) lighting</b> Voltage supply		Connector unplugged from S50. Switch on parking lamps	11 – 14 V	Wiring.

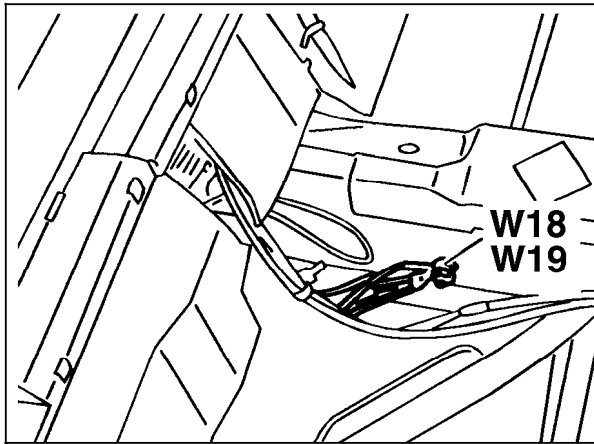
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⇒ 7.0	<i>Non-USA vehicles only. Continue to next test step.</i>				
⇒ 8.0	<i>Non-USA vehicles only. Continue to next test step.</i>				
⇒ 9.0	<i>Non-USA vehicles only. Continue to next test step.</i>				
⇒ 10.0	<i>Non-USA vehicles only. Continue to next test step.</i>				

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⇒ 11.0	<b>Automatic dimming inside rearview mirror (H7)</b> Voltage supply	2 —( ←(V)→ )— 5 H7	Connector unplugged from H7. Ignition: <b>ON</b> .	11 – 14 V	Wiring.
⇒ 12.0	<b>Backup lamp switch (S16/2)</b> Voltage supply	2 —( ←(V)→ )— 1 H7	Connector unplugged from H7. Ignition: <b>ON</b> .  Reverse gear engaged.	0 – 1 V  11 – 14 V	Wiring, S16/2.
⇒ 13.0	<b>Outside mirror control switch (S50)</b> Voltage supply	2 —( ←(V)→ )— 3 H7	Connector unplugged from H7. Ignition: <b>ON</b> .  Dome lamp switched on.	0 – 5 V  11 – 14 V	Wiring, E15.

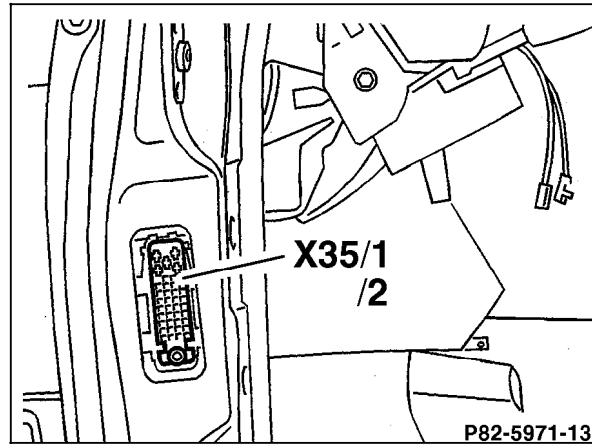
### Electrical Test Program - Test



P91-5552-13

Figure 1

W18 Ground (left front seat crossmember)



P82-5971-13

P82-5971-13

Figure 2

X35/1 Left front door plug connection  
X35/2 Right front door plug connection