
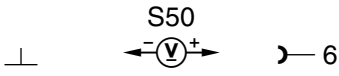
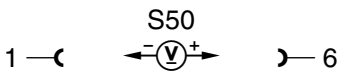
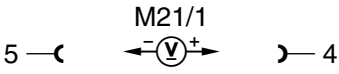
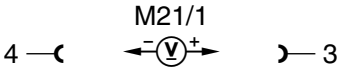





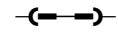
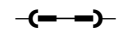

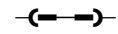
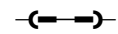

Electrical Test Program - Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0		Outside mirror control switch (S50) Voltage supply		Ignition: ON	11 – 14 V	Wiring ⇒ 1.1
1.1		Outside mirror control switch (S50) Voltage supply		Ignition: ON	11 – 14 V	Wiring
2.0		Outside mirror control switch (S50) Electrically adjustable and heated driver-side outside rearview mirror motor actuation (M21/1)	 	Connector to electrically adjustable and heated driver-side outside rearview mirror motor M21/1 disconnected Ignition: ON switch set to left outside mirror	11 – 14 V -11 to -14 V 11 – 14 V -11 to -14 V	Wiring S50

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
3.0		<p>Outside mirror control switch (S50) Electrically adjustable and heated front passenger outside rearview mirror motor actuation (M21/2)</p>	<p>M21/2 3 —(—(⊖⊕) —) — 4</p> <p>M21/2 4 —(—(⊖⊕) —) — 5</p>	<p>Connector to front passenger outside rearview mirror motor M21/2 disconnected</p> <p>Ignition: ON switch set to right outside mirror</p> <p>Press S50 towards front Press S50 towards back</p> <p>Press S50 to the left Press S50 to the right</p>	<p>11 – 14 V –11 to –14 V</p> <p>11 – 14 V –11 to –14 V</p>	<p>Wiring S50</p>
4.0		<p>Left outside mirror, vertical adjustment motor (M21/1m1)</p>	<p>M21/1m1 3 — —(—(—) —) — 1</p> <p>2 —(—(—) —) — 4</p>	<p> Connector to driver-side outside rearview mirror motor M21/1 disconnected</p> <p>Bridge pins 3 (male) with pin 1 (female) and pin 2 with pin 4 of the connector as shown using test cable 124 589 37 63 00</p> <p>Ignition: ON</p>	<p>Electric motor runs</p>	<p>M21/1m1</p>



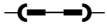

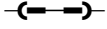







12.5 Mirror, Steering Column Adjustment, Heated Mirrors (MSC)

Model 170

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
5.0		Left outside mirror, horizontal adjustment motor (M21/1m2)	<p>M21/1m2</p> <p>5 —  1</p> <p>2 —  4</p>	<p></p> <p>Connector to driver-side outside rearview mirror motor M21/1 disconnected</p> <p>Bridge pin 5 (male) with pin1 (female) and pin 2 with pin 4 of the connector as shown using test cable 124 589 37 63 00</p> <p>Ignition: ON</p>	Electric motor runs	M21/1m2
6.0		Right outside mirror, vertical adjustment motor (M21/2m1)	<p>M21/2m1</p> <p>3 —  1</p> <p>2 —  4</p>	<p></p> <p>Connector to front passenger outside rearview mirror motor M21/2 disconnected</p> <p>Bridge pins 3 (male) with pin1 (female) and pin 2 with pin 4 of the connector as shown using test cable 124 589 37 63 00</p> <p>Ignition: ON</p>	Electric motor runs	M21/2m1

12.5 Mirror, Steering Column Adjustment, Heated Mirrors (MSC)

Model 170

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
7.0		Right outside mirror, horizontal adjustment motor (M21/2m2)	<p>M21/2m2</p> <p>5 —  —  — 1</p> <p>2 —  —  — 4</p>	<p></p> <p>Connector to driver-side outside rearview mirror motor M21/2 disconnected</p> <p>Bridge pins 5 (male) with pin 1 (female) and pin 2 with pin 4 of the connector as shown using test cable 124 589 37 63 00</p> <p>Ignition: ON</p>	Electric motor runs	M21/2m2
8.0		Left outside mirror heating element (M21/1r1) Voltage supply	<p>M21/1r1</p> <p>2 —  —  — 1</p>	<p>Connector to driver-side outside rearview mirror motor M21/1 disconnected</p> <p>Ignition: ON</p>	11 – 14 V	Wiring
9.0		Right outside mirror heating element (M21/2r1) Voltage supply	<p>M21/2r1</p> <p>2 —  —  — 1</p>	<p>Connector to front passenger outside rearview mirror motor M21/2 disconnected</p> <p>Ignition: ON</p>	11 – 14 V	Wiring
10.0		Outside mirror control switch illumination (S50) Voltage supply	<p>S50</p> <p> —  — 2</p>	<p>Head lights switched on</p>	11 – 14 V	Wiring Voltage supply circuit 58d