
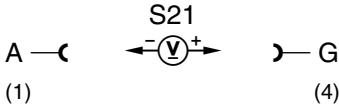
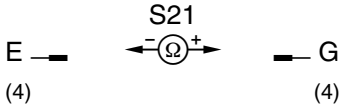
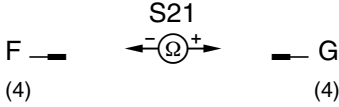




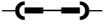
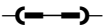


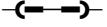
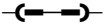


Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0		Center console switch group (S21) Voltage supply		Ignition: OFF Do not disconnect connectors 1 and 4	11 – 14 V	Wiring, S21
2.0		Outside rearview mirror-left/right switch (S21s8) Function		Ignition: OFF Disconnect connector 4 Set S21s8 to left mirror. Press outside rearview mirror-horizontal adjustment switch (S21s7) to the left: Press outside rearview mirror-horizontal adjustment switch (S21s7) to the right:	< 1 Ω >20 kΩ	⇒ 2.1
2.1		Outside rearview mirror-left/right switch (S21s8) Function		Ignition: OFF Disconnect connector 4 Set S21s8 to right mirror. Press (S21s7) to the left: Press (S21s7) to the right:	< 1 Ω >20 kΩ	S21s7 S21s8


Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
3.0		<p>Outside rearview mirror-vertical adjustment switch (S21s6) Function</p>	<p style="text-align: center;">X35/1 B5 —(— ◀ — (V) — ▶ —) — C4</p>	<p>Ignition: OFF Disconnect left front door separation point (X35/1) connector. S21s8 set to left mirror.</p> <p>Press S21s6 forward:</p> <p>Press s21s6 backward:</p>	<p>– 11 to – 14 V</p> <p>11 – 14 V</p>	<p>Wiring, S21s6 S21s8</p>
4.0		<p>Outside rearview mirror-horizontal adjustment switch (S21s7) Function</p>	<p style="text-align: center;">X35/1 B5 —(— ◀ — (V) — ▶ —) — B6</p>	<p>Ignition: OFF Disconnect left front door separation point (X35/1) connector. S21s8 set to left mirror.</p> <p>Press S21s7 to the left:</p> <p>Press S21s7 to the right:</p>	<p>– 11 to – 14 V</p> <p>11 – 14 V</p>	<p>Wiring, S21s7 S21s8</p>


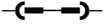
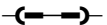



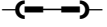
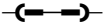



Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
5.0		Mirror adjustment motor (up/down) (M21/1m1) Activation	X35/1 B5 — —  — — ⊥ C4 — —  — —  +	Ignition: OFF Disconnect left front door separation point (X35/1) connector.  Use bridges with 124 589 37 63 00 safety cable only.	Motor runs.	Wiring, M21/1m1
6.0		Mirror adjustment motor (in/out) (M21/1m2) Activation	X35/1 B5 — —  — — ⊥ B6 — —  — —  +	Ignition: OFF Disconnect left front door separation point (X35/1) connector.  Use bridges with 124 589 37 63 00 safety cable only.	Motor runs.	Wiring, M21/1m2


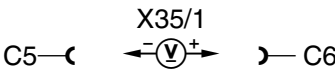
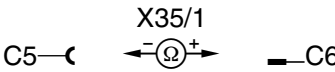
Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
7.0		<p>Outside rearview mirror-vertical adjustment switch (S21s6) Function</p>	<p style="text-align: center;">X35/1 B5—(←(V)→)— B6</p>	<p>Ignition: OFF Disconnect right front door separation point (X35/2) connector. Set S21s8 to right mirror.</p> <p>Press S21s6 forward:</p> <p>Press S21s6 backward:</p>	<p>– 11 to – 14 V</p> <p>11 – 14 V</p>	<p>Wiring, S21s6 S21s8</p>
8.0		<p>Outside rearview mirror-horizontal adjustment switch (S21s7) Function</p>	<p style="text-align: center;">X35/2 B5—(←(V)→)— C4</p>	<p>Ignition: OFF Disconnect right front door separation point (X35/2) connector. Set S21s8 to right mirror.</p> <p>Press S21s7 to left:</p> <p>Press S21s6 to right:</p>	<p>– 11 to – 14 V</p> <p>11 – 14 V</p>	<p>Wiring, S21s7 S21s8</p>


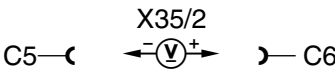
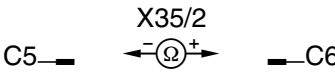
Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
9.0		Right mirror adjustment motor (up/down) (M21/2m1) Activation	X35/2 B5—  — B6—  —  ⊥  +	Ignition: OFF Disconnect right front door separation point (X35/2) connector.  Use bridges with 124 589 37 63 00 safety cable only.	Motor runs.	Wiring, M21/2m1
10.0		Right mirror adjustment motor (in/out) (M21/2m2) Activation	X35/2 B5—  — C4—  —  ⊥  +	Ignition: OFF Disconnect right front door separation point (X35/2) connector.  Use bridges with 124 589 37 63 00 safety cable only.	Motor runs.	Wiring, M21/2m2

Electrical Test Program – Test

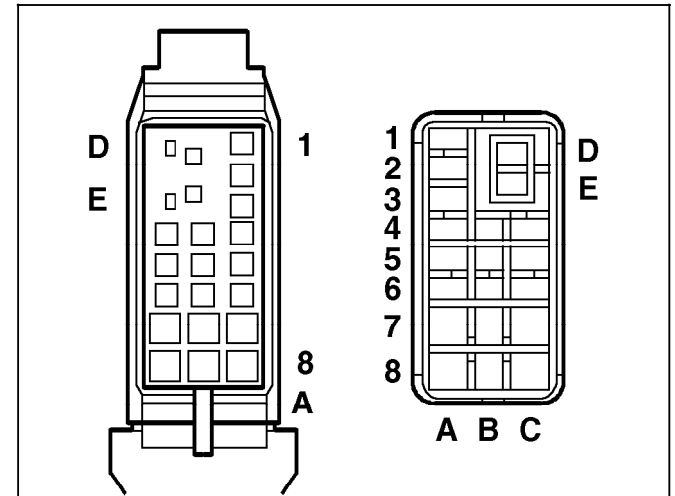
⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
11.0		Left mirror heater (M21/1r1) Voltage supply		Ignition: ON Disconnect left front door separation point (X35/1) connector.	11 – 14 V	Wiring, ⇒ 1.1
11.1		Left mirror heater (M21/1r1) Resistance		Ignition: OFF At outside temperatures >15° C (59° F): spray mirror glass with "electronic freeze mist" (aerosol can) to cool glass down, wait 1 minute, measure resistance.	<10 Ω	M21/1r1

Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
12.0		Right mirror heater (M21/2r1) Voltage supply		Ignition: ON Disconnect right front door separation point (X35/2) connector.	11 – 14 V	Wiring, ⇒ 1.1
12.1		Right mirror heater (M21/2r1) Resistance		Ignition: OFF At outside temperatures >15° C (59° F): spray mirror glass with "electronic freeze mist" (aerosol can) to cool glass down, wait 1 minute, measure resistance.	<10 Ω	M21/2r1

Electrical Test Program – Test

Connector Layout - Left front door separation point (X35/1), Right front door separation point (X35/2), Left rear door separation point (X35/3), Right rear door separation point (X35/4)



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