Electrical Test Program – Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0	**CA supply pump (M14/3)** Voltage supply circuit 30	M14/3 10 — (-) V (+) — 9	Disconnect electrical connector from CA supply pump (M14/3).	11 – 14 V	Wiring.
2.0	**CA supply pump (M14/3)** Voltage supply circuit 15	M14/3 10 — (-) V (+) — 6	Disconnect electrical connector from CA supply pump (M14/3). Ignition: **ON**	11 – 14 V	Wiring.
3.0	**Left front door CA microswitch (S86/2)** Voltage supply	M14/3 4 — (-) V (+) — 9	Disconnect electrical connector from CA supply pump (M14/3). Open left front door. Close left front door past the second detent. Close left front door past the third detent.	 <1 V 11 – 14 V <1 V	Wiring, S86/2 incorrectly adjusted (SMS, Repair Instructions, Job No. 72–264), ⇒ 3.1
3.1	Left front door CA microswitch (S86/2) Resistance	S86/2 1 — (-) Ω (+) — 3	Disconnect S86/2. Open left front door. Close left front door past the second detent. Close left front door past the third detent.	 >20 kΩ <1 Ω >20 kΩ	Wiring, S86/2, 33 ⇒ 1.0

Electrical Test Program – Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
4.0	**Right front door CA microswitch (S87/4)** Voltage supply	M14/3 8 — (–) V (+) — 9	Disconnect electrical connector from closing assist supply pump (M14/3). Open right front door. Close right front door past the second detent. Close right front door past the third detent.	 <1 V 11 – 14 V <1 V	Wiring, S87/4 incorrectly adjusted (SMS, Repair Instructions, Job No. 72–264), ⇒ 4.1
4.1	Right front door CA microswitch (S87/4) Resistance	S87/4 1 — (–) Ω (+) — 3	Disconnect connector at S87/4. Open right front door. Close right front door past the second detent. Close right front door past the third detent.	 >20 kΩ <1 Ω >20 kΩ	Wiring, S87/4, 33 ⇒ 4.0

Electrical Test Program – Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
5.0	**Left rear door CA microswitch (S86/3)** Voltage supply	M14/3 2 — (–) V (+) — 9	Disconnect plug connection from CA supply pump (M14/3). Open left rear door. Close left rear door past the second detent. Close left rear door past the third detent.	 <1 V 11 – 14 V <1 V	Wiring, S86/3 incorrectly adjusted (SMS, Repair Instructions, Job No. 72–264), ⇒ 5.1
5.1	S86/3 Resistance	S86/3 1 — (–) Ω (+) — 3	Disconnect connector at S86/3. Open left rear door. Close left rear door past the second detent. Close left rear door past the third detent.	 >20 kΩ <1 Ω >20 kΩ	Wiring, S86/3, 33 ⇒ 7.0

Electrical Test Program – Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
6.0	**Right rear door CA microswitch (S87/5)** Voltage supply	M14/3 7 — (–) V (+) — 9	Disconnect plug connection from CA supply pump (M14/3). Open right rear door. Close right rear door past the second detent. Close right rear door past the third detent.	 <1 V 11 – 14 V <1 V	Wiring, S87/5 incorrectly adjusted (SMS, Repair Instructions, Job No. 72–264), ⇒ 6.1
6.1	S87/5 Resistance	S87/5 1 — (–) Ω (+) — 3	Disconnect connector at S87/5. Open right rear door. Close right rear door past the second detent. Close right rear door past the third detent.	 >20 kΩ <1 Ω >20 kΩ	Wiring, S87/5, 33 ⇒ 10.0

Electrical Test Program – Test

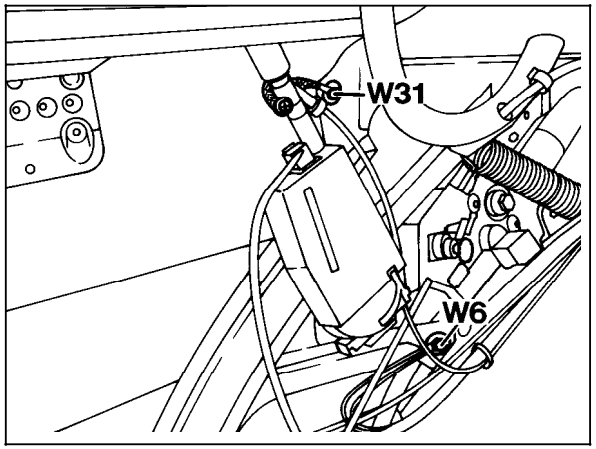
⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
7.0	**Rotary tumbler/trunk lid microswitch (S88/1)** Voltage supply	M14/3 5 — (–) V (+) — 9	Disconnect electrical connection from CA supply pump (M14/3). Trunk lid open, Latch open. Latch manually closed.	 11 – 14 V <1 V	Wiring, S88/1, ⇒ 7.1, PSE/CL 3.1 23
7.1	S88/1 Resistance	S88/1 1 — (–) Ω (+) — 2	Disconnect connector at S88/1. Trunk lid open, Latch open. Latch manually closed.	 <1 Ω >20 kΩ	S88/1, M14/3 (SMS, Repair Instructions, Job No. 72–262), 33 ⇒ 13.0

Electrical Test Program – Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
8.0	**Trunk lid CA microswitch (S88/3)** [1)] Voltage supply (Trunk latch tongue extended)	M14/3 1 — (–V+) — 9	Disconnect electrical connection from M14/3. Open trunk lid. Trunk latch tongue should extend. Push red lever for trunk latch tongue to left. Press trunk latch tongue in. Push red lever back to right.	 11 – 14 V <1 V	Wiring, ⇒ 8.1.
8.1	S88/3 Voltage supply (Trunk latch tongue **not** extended)	S88/3 1 — 2	Disconnect connector from S88/3. Install bridge. Remove bridge.	 11 – 14 V <1 V	Wiring.
8.2	S88/3 Resistance	S88/3 1 — (–Ω+) — 3	Disconnect plug connection from S88/3. Trunk latch tongue extended. Press trunk latch tongue in.	 <1 Ω >20 kΩ	S88/3 (SMS, Repair Instructions, Job No. 72–535), 33 ⇒ 13.0.

1) No longer installed as of chassis end no. 118121.

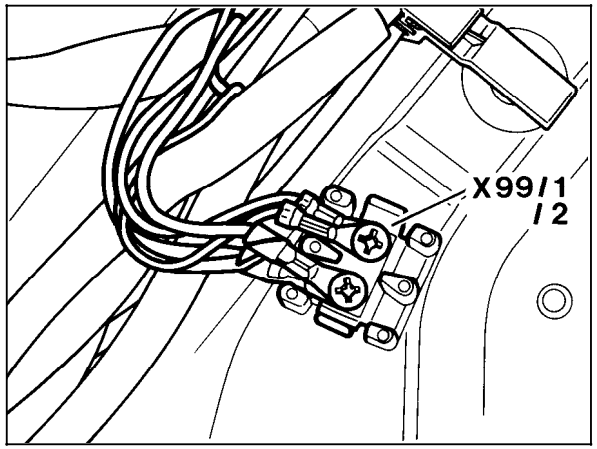
Electrical Test Program – Test



P54-2786-13

Figure 1

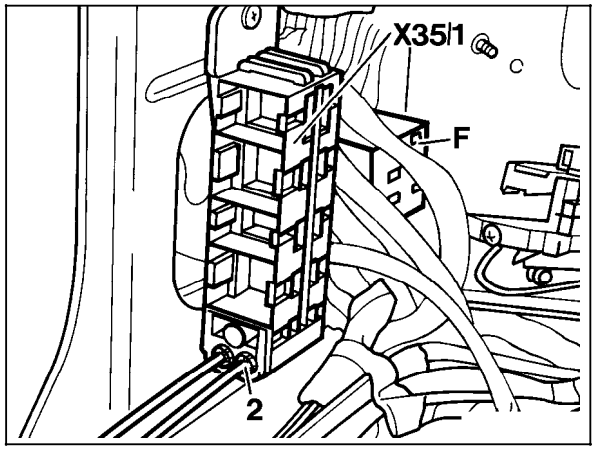
W6 Ground (left wheel housing in trunk)



P82-2995-13A

Figure 2

X99/1 Terminal block (circuit 31, left front door)
X99/2 Terminal block (circuit 31, right front door)

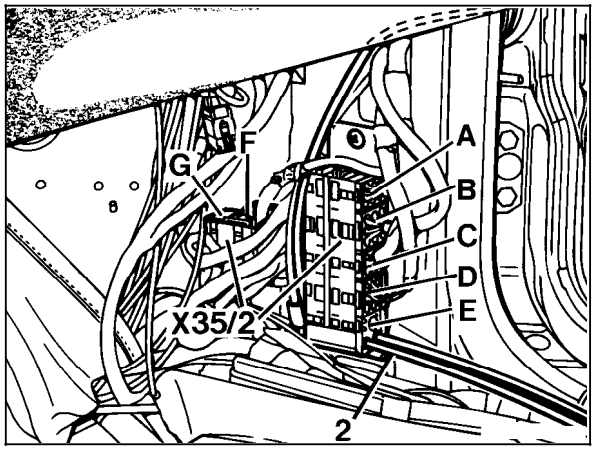


P80-2211-13A

Figure 3

X35/1 Left front door separation point

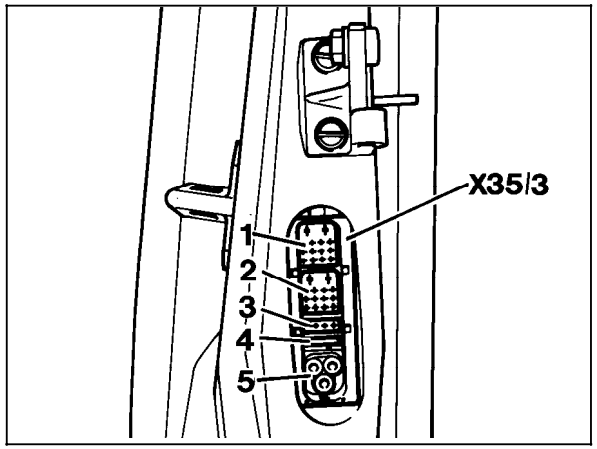
Electrical Test Program – Test



P80-2229-13

Figure 4

X35/2 Right front door separation point



P54-2808-13

Figure 5

X35/3 Left rear door separation point
X35/4 Right rear door separation point
(mirror image of left shown)