

Your Vehicle: 2000 Mercedes Benz E 55 AMG (210.074) V8-5.5L (113.980)

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**Test Steps - Section 33**

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0	Central locking system Left front door Vacuum supply	Connector FT to PSE control module <b>Black</b> connector on tester.	Cap all other connections on the PSE control module. Close doors.  Lock vehicle using interior switch (CL).	≥ 450 mbar in ≤ 1.2 sec.	PSE/CL ⇒ <a href="#">ETP-Test Step 1.0</a> PSE control module (A37).
2.0	Central locking system Left front door Pressure supply	Connector FT to PSE control module. <b>Yellow</b> connector on tester.	Cap all other connections on the PSE control module. Close front doors.  Unlock vehicle using interior switch (CL).	≥ 450 mbar in ≤ 0.8 s	PSE/CL ⇒ <a href="#">ETP-Test Step 1.0</a> (A37).
3.0	Central locking system Right front/right rear doors Vacuum supply	Connector BFT or BFT/Fond to PSE control module. <b>Black</b> connector on tester.	Cap all other connections on the PSE control module. Close doors.  Lock vehicle using interior switch (CL).	≥ 450 mbar in ≤ 1.2 s	PSE/CL ⇒ <a href="#">ETP-Test Step 1.0</a> (A37).

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Test steps 1.0, 2.0 & 3.0

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
4.0	<b>Central locking system</b> <b>Right front/right rear doors</b> Pressure supply	Connector <b>BFT</b> or <b>BFT/Fond</b> to <b>PSE</b> control module. <b>Yellow</b> connector on tester.	Cap all other connections on the <b>PSE</b> control module. Close doors.  Unlock vehicle using interior switch (CL).	$\geq 450$ mbar in $\leq 0.8$ s	PSE/CL ⇒ <a href="#">EIP-Test Step 1.0</a> (A37).
5.0	<b>Central locking system</b> <b>Fuel filler flap</b> Vacuum supply	Connector <b>TK</b> or <b>Tank</b> to <b>PSE</b> control module. <b>Black</b> connector on tester.	Cap all other connections on the <b>PSE</b> control module. Lock vehicle using IR transmitter key	$\geq 450$ mbar in $\leq 1.2$ s	See Electrical Wiring Diagrams PSE control module (A37).
6.0	<b>Central locking system</b> <b>Fuel filler flap</b> Pressure supply	Connector <b>TK</b> or <b>Tank</b> to <b>PSE</b> control module. <b>Yellow</b> connector on tester.	Cap all other connections on the <b>PSE</b> control module. Close all doors. Lock vehicle using IR transmitter key. Unlock vehicle using interior switch (CL).	$\geq 450$ mbar in $\leq 0.8$ s	PSE/CL ⇒ <a href="#">EIP-Test Step 1.0</a> (A37).

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**Test steps 4.0, 5.0 & 6.0**

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
7.0	<b>Multi-contour seat backrest</b> Pressure supply	Connector <b>MKL</b> to <b>PSE</b> control module. <b>Yellow</b> connector on tester	Cap all other connections on the <b>PSE</b> control module. Ignition switch: ON/OFF	Pump runs with 4 sec. delay. ≥ 450 mbar delay in ≥ 0.8 sec.	PSE control module (A37).
8.0	<b>Retractable rear head restraints (RHR)</b> Vacuum supply (model 210 sedan only)	Connector <b>Heck/KAF</b> or <b>HFE/KAF</b> to <b>PSE</b> control module. <b>Black</b> connector on tester	Cap all other connections on the <b>PSE</b> control module. Retractable head restraints raised. Ignition switch: On Press RHR switch.	≥ 450 mbar in ≤ 1.2 s	See Electrical Wiring Diagrams (A37).
9.0	<b>Manifold vacuum assist</b> Vacuum supply (model 210 only)	Connector <b>SRU</b> to <b>PSE</b> control module. <b>Black</b> connector on tester	Cap all other connections on the <b>PSE</b> control module. Ignition switch: ON/OFF	Pump runs with 8 sec. delay. ≥ 450 mbar in ≤ 1.2 s	(A37).
10.0	<b>Remote trunk lid release</b> Pressure supply (model 210 sedan only)	Connector <b>Heck/KAF</b> or <b>HFE/KAF</b> to <b>PSE</b> control module. <b>Yellow</b> connector on tester	Cap all other connections on the <b>PSE</b> control module. Press RTR switch.	≥ 450 mbar in ≤ 1.2 s	See Electrical Wiring Diagrams (A37).

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**Test steps 7.0, 8.0, 9.0 & 10.0**

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
11.0	<b>Central locking</b> (Safety switch time)		Cap the following connectors on the PSE: <b>Bosch:</b> HFE/KAF, MVA, OSB <b>Hella:</b> Heck/KAF, MVA, OSB Close all doors  Unlock vehicle via interior switch (CL).	Pump runs for $\leq 10 \pm 1$ sec.	PSE/CL ⇒ <a href="#">ETP-Test Step 1.1</a> (A37).
12.0	<b>Additional consumers</b> Safety switch time		Cap the following connectors on the PSE: <b>Bosch:</b> FT, BFT, TK, MVA <b>Hella:</b> FT, BFT/Fond, Tank, MVA, OSB Ignition: ON Press RHR switch.	Pump runs for $\leq 60$ sec.	See Electrical Wiring Diagrams (A37).

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**Test steps 11.0 & 12.0**

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