

Diagnosis – Complaint Related Diagnostic Chart

Preparation for Test:

1. Review 21
2. Fuses ok.
3. Voltage supply to AAM is OK (if not OK: see DM, B&A, Vol. 1, 2.2, 23).
4. RCL system is fully functional.
5. All doors closed.

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
Entire Remote central locking system does not function.	All Activity Module (AAM) (N10) (DTC memory)	See: 12
Central locking does not function via Remote Central Locking System (RCL) (Transmitter key)	Remote Central Locking System All-Activity Module (N10) (DTC memory)	See: 13, 12, N10
Central locking does not function via CL switch (S21s10)	Switch (CL) (S21s10) All-Activity Module (N10) (DTC memory)	23 ⇒ 1.0
Central locking does not lock vehicle	Central locking, all doors lock relay (F1k20) All-Activity Module (N10) (DTC memory)	23 ⇒ 6.0
Left front door and fuel filler flap do not unlock	Central locking, RF door and rear doors unlock relay (F1k23) All-Activity Module (N10) (DTC memory)	23 ⇒ 6.0
Right front door, left rear door and right rear door do not unlock	Central locking, LF door and fuel filler flap unlock relay (F1k24) All-Activity Module (N10) (DTC memory)	23 ⇒ 6.0

¹⁾ Observe Preparation for Test, see 22.

Diagnosis – Complaint Related Diagnostic Chart

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
<p>Individual side doors do not lock or unlock</p>	<p>Front door: Right front door rotary tumbler microswitch (S87/6) Left front door rotary tumbler microswitch (S87/7) Microswitch (CL) (M14/5s1) (M14/6s1) LF door CL actuating motor M14/6)</p> <p>Rear door: Left rear door rotary tumbler microswitch (S87/2) Right rear door rotary tumbler microswitch (S87/3) Microswitch (CL) (M14/8s1) CL microswitch (M14/9s1) LR door CL actuating motor (M14/8) RR door CL actuating motor (M14/9) All Activity Module (AAM) (N10)</p>	<p>23 ⇒ 2.0 23 ⇒ 4.0 23 ⇒ 5.0 23 ⇒ 4.0 23 ⇒ 5.0 23 ⇒ 3.0</p> <p>N10</p>
<p>Tailgate does not lock or unlock</p>	<p>Rotary tumbler/trunk lid microswitch (S88/1)</p> <p>Microswitch (CL) (M14/7s1) Central locking, tailgate unlock relay (F1k15) Tailgate CL actuating motor (M14/7) All Activity Module (AAM) (N10)</p>	<p>23 ⇒ 7.0 23 ⇒ 8.0 23 ⇒ 6.0 23 ⇒ 9.0</p> <p>N10</p>
<p>Fuel filler flap does not lock or unlock</p>	<p>Filler flap CL actuating motor (M14/10)</p> <p>All Activity Module (AAM) (N10)</p>	<p>23 ⇒ 10.0</p> <p>N10</p>

1) Observe Preparation for Test, see 22.

Diagnosis – Complaint Related Diagnostic Chart

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
<p>No return signal via blinker system when using transmitter key to lock vehicle</p>	<p>Control module adaption: "CL return signal" not activated</p> <p>Front doors: Left front door rotary tumbler microswitch (S87/7) Right front door rotary tumbler microswitch (S87/6)</p> <p>Rear doors: Left rear door rotary tumbler microswitch (S87/2) Right rear door rotary tumbler microswitch (S87/3)</p> <p>Tailgate: Rotary tumbler/trunk lid microswitch (S88/1)</p> <p>Side doors: Microswitch (CL) (M14/5s1) Microswitch (CL) (M14/6s1) Microswitch (CL) (M14/8s1) CL microswitch (M14/9s1)</p> <p>Tailgate: Microswitch (CL) (M14/7s1)</p>	<p>11/2, 23 ⇒ 2.0 23 ⇒ 3.0 23 ⇒ 7.0 23 ⇒ 4.0 23 ⇒ 8.0</p>
<p>"Automatic locking" feature does not function</p>	<p>Control module adaption: "Automatic Locking when driving" not activated</p> <p>All Activity Module (AAM) (N10)</p>	<p>11/2</p> <p>N10</p>

¹⁾ Observe Preparation for Test, see 22.