

Diagnosis – Complaint Related Diagnostic Chart

Preparation for Test:

1. Battery voltage 11 – 14 V,
2. Voltage supply to All-Activity Module is OK, see WIS, 2.2, 23
3. Fuses OK,
4. Version coding: "ATA installed", see 31
5. RCL system functional,

6. CL system functional,
7. All doors closed

Electrical wiring diagrams:

Electrical Troubleshooting Manual, Model 163,
(available in Work Shop Information System [WIS] only)

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
Entire ATA system does not function.	All-Activity Module (N10)	Version coding, see 31 N10
No confirmation signal when arming ATA	ATA is not armed or not completely armed	23 ⇒ 1.0
ATA status indicator does not function.	ATA status indicator (E33)	23 ⇒ 2.0
After locking using the transmitter key, the alarm is triggered.	Door separation points (X35/1, X35/2, X35/3, X35/4) Left/right rear door rotary tumbler microswitch (S87/2, S87/3) Left/right front door rotary tumbler microswitch (S87/6, S87/7) Rotary tumbler/trunk lid microswitch (S88/1) Engine hood switch (ATA) (S62)	Check connections at door separation points. 23 ⇒ 4.0 23 ⇒ 5.0 23 ⇒ 6.0 23 ⇒ 3.0
When opening one of the front doors, the alarm is not triggered.	Left front door rotary tumbler (S87/7) Right front door rotary tumbler (S87/6) Microswitch (CL) (M14/6s1) Microswitch (CL) (M14/5s1)	23 ⇒ 4.0 See WIS, 20.1, 23

¹⁾ Observe Preparation for Test, see 22.

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Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
When opening one of the rear doors, the alarm is not triggered.	Left rear door rotary tumbler microswitch (S87/2) Right rear door rotary tumbler microswitch (S87/3) Microswitch (CL) (M14/8s1) CL microswitch (M14/9s1)	23 ⇒ 5.0 See WIS, 20.1, 23
When opening tailgate, the alarm is not triggered.	Rotary tumbler/trunk lid microswitch (S88/1) Microswitch (CL) (M14/7s1)	23 ⇒ 6.0 See WIS, 20.1, 23 See WIS, 20.1, 23
When opening engine hood, the alarm is not triggered.	Engine hood switch (ATA) (S62)	23 ⇒ 3.0
ATA "acoustical" alarm does not sound.	Alarm horn (H3) All-Activity Module (AAM) (N10)	23 ⇒ 7.0
ATA "optical" alarm does not function.	Blinker system All-Activity Module (AAM) (N10)	Check blinker system.

¹⁾ Observe Preparation for Test, see 22.

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Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
ATA will not cancel via remote control.	RCL system	See WIS, 4.11, 13
ATA will not cancel via ignition ON	RCL system	See WIS, 4.11, 13
ATA will not self-arm itself.	Version coding not proper All-Activity Module (AAM) (N10)	See 31
Anti-tow protection and interior motion sensor do not function.	Wiring Trip computer control module (N41) ATA tow sensor (B33)	23 ⇒ 8.0
Anti-tow protection and interior motion sensor can not be turned OFF.	Trip computer control module (N41)	N41

1) Observe Preparation for Test, see 22.