




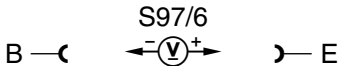
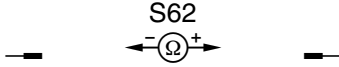









Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0		ATA Armed HHT actual values		All doors are closed and locked. Arm ATA using transmitter key.	YES	All-Activity Module (N10).
1.1		ATA status indication HHT actual values		All doors are closed and locked. Arm ATA using transmitter key.	ON	If values are OK: 23 ⇒ 2.0, If values are not OK: ⇒ 1.2 N10
1.2		ATA Rotary tumbler microswitch and CL confirmation signal HHT actual values		All doors are closed and locked. Arm ATA using transmitter key.	Both actual values are: Closed	Check the corresponding microswitch: 23 ⇒ 4.0, see WIS, 20.1, 23. Front doors: 23 ⇒ 5.0, see WIS, 20.1, 23. Tailgate: 23 ⇒ 6.0, see WIS, 20.1, 23. Engine hood: 23 ⇒ 3.0


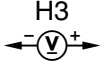
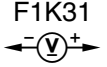
Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
2.0		ATA status indicator (E33) Activation		HHT activation: ATA status indicator ON	11 – 14 V	If the values are OK: E33 Wiring –//– ⊥ If the values are not OK: Wiring –//– N10
3.0		Engine hood switch (S62) Function		Switch not pressed: Switch pressed:	< 1 Ω >20 kΩ	S62
4.0		Left/right front door rotary microswitch CLOSED HHT actual values		Door is closed (left or right being checked).	CLOSED	If the values are OK: ⇒ 4.1 If the values are not OK: ⇒ 4.2
4.1		Left/right front door rotary microswitch OPEN HHT actual values		Open door.	OPEN	If the values are OK; No fault If the values are not OK: ⇒ 4.3





Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
5.5		Left rear door rotary tumbler microswitch Switch disconnected HHT actual values		Both rear doors are closed. Disconnect connector X35/3	CLOSED	If the values are OK: S87/2 Wiring Γ1- If the values are not OK: ⇒ 1.6
5.6		Right rear door rotary tumbler microswitch Switch disconnected HHT actual values		Both rear doors are closed. Disconnect connector X35/4	CLOSED	If the values are OK: S87/3 Wiring Γ1- If the values are not OK: Wiring Γ1- N10
6.0		Tailgate rotary tumbler microswitch CLOSED HHT actual values		Tailgate is closed.	CLOSED	If the values are OK: ⇒ 6.1 If the values are not OK: ⇒ 6.2
6.1		Tailgate rotary tumbler microswitch OPEN HHT actual values		Tailgate is open.	OPEN	If the values are OK: No fault If the values are not OK: ⇒ 6.3

Electrical Test Program – Test

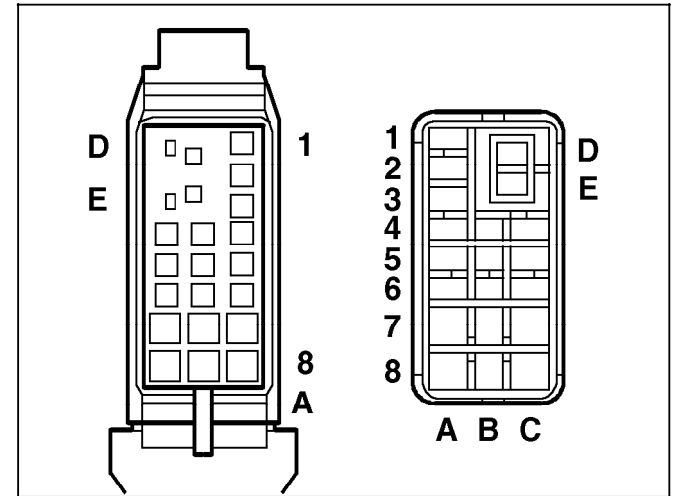
⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
7.1		ATA Alarm Horn (H3) Function		HHT activation: Alarm horn (H3)	11 – 14 V	If the values are OK: H3 If the values are not OK: Wiring, ⇒ 7.2
7.2		Alarm horn relay (F1k31) Activation		HHT activation: alarm horn (H3)	11 – 14 V	If the values are OK: F1K13 If the values are not OK: N10

Electrical Test Program – Test

⇒		Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
8.0		ATA Anti-tow protection/interior motion sensor Installed HHT actual values		ATA armed using transmitter key.	YES	Check version coding of ATA, see 31
8.1		ATA Anti-tow protection/interior motion sensor Signal HHT actual values		ATA armed using transmitter key.	00	Trip computer control module (N41).
8.2		ATA Anti-tow protection/interior motion sensor Pulse signal HHT actual values		ATA armed using transmitter key.	✓	Data line to N10, N41

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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