

Diagnosis – Function Test

Preparation for Test:

1. Review following documents in WIS: GF80.50-P-0001B (ATA up to 05/98) and GF80.50-P-0001F (ATA as of 06/98). Also review ETM docs: PE80.00-P-1100D and PE80.00-P-1100A
2. Review section 0, 10, 20, 22, 23, 31
3. After performing the Function Test, erase any stored DTC's (see section 0).

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy ¹⁾
⇒ 1.0 ATA status indicator LED	<ul style="list-style-type: none"> • Lock vehicle. • Wait approx. 15 secs. 	ATA status indicator LED blinks	23 ⇒ 8.0
⇒ 2.0 Trigger ATA via left front door.	<ul style="list-style-type: none"> • Open driver's window. • Lock vehicle. • After approximately 15 seconds open door from inside. 	Alarm horn sounds (turn off alarm).	D.M, B&A, Vol. 1, 3.4 PSE, 23
⇒ 3.0 Trigger ATA via right front door.	<ul style="list-style-type: none"> • Open passenger window. • Lock vehicle. • After approximately 15 seconds open door from inside. 	Alarm horn sounds (turn off alarm).	D.M, B&A, Vol. 1, 3.4 PSE, 23
⇒ 4.0 Trigger ATA via left or right rear door. (Models 202, 210 only)	<ul style="list-style-type: none"> • Open left/right rear door window. • Lock vehicle. • Wait approximately 15 seconds. • Open left or right rear door from inside. 	Left rear door Right rear door Alarm horn sounds (turn off alarm).	D.M, B&A, Vol. 1, 3.4 PSE, 23

¹⁾ Observe Preparation for Test, see 22.

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Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy ¹⁾
⇒ 5.0 Trigger ATA via engine hood.	<ul style="list-style-type: none"> • Open driver's window. • Lock vehicle. • Wait approximately 15 seconds. • Release engine hood through open driver's window. • Open engine hood. 	Alarm horn sounds (turn off alarm).	23 ⇒ 1.0
⇒ 6.0 Trigger ATA via trunk lid.	<ul style="list-style-type: none"> • Open trunk lid. • Lock vehicle. • Turn off trunk lamp (rotary tumbler switch open). • Wait approximately 15 seconds. • Turn on trunk lamp (rotary tumbler switch closed). 	Alarm horn sounds (turn off alarm).	D.M, B&A, Vol. 1, 3.4 PSE, 23
⇒ 7.0 <i>Not applicable for U.S.A. version vehicles</i>			
⇒ 8.0 <i>Not applicable for U.S.A. version vehicles</i>			
⇒ 9.0 <i>Not applicable for U.S.A. version vehicles</i>			
⇒ 10.0 <i>Not applicable for U.S.A. version vehicles</i>			
⇒ 11.0 Anti-tow protection system	<ul style="list-style-type: none"> • Lock vehicle. • Wait approximately 15 seconds. • Lift vehicle at lift point using vehicle jack, until wheel is off of ground. 	Alarm horn sounds (turn off alarm).	23 ⇒ 7.0 23 ⇒ 9.0

¹⁾ Observe Preparation for Test, see 22.

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Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy ¹⁾
⇒ 12.0 Deactivate Anti-tow protection system	<ul style="list-style-type: none"> Ignition: OFF Press ATA status/towing protection switch (S85/3). Lock vehicle. Lift vehicle at lift point using vehicle jack, until wheel is off of ground. Repeat step 11.0 	<p>ATA status indicator illuminates for 2 seconds.</p> <p>Alarm does not sound.</p> <p>Alarm horn sounds (turn off alarm).</p>	23 ⇒ 7
⇒ 13.0 Alarm siren test (as of 06/98)	<ul style="list-style-type: none"> HHT activation: Alarm siren with auxiliary battery (H3/1), "Siren test" 	Alarm siren sounds briefly.	Country version of the siren not properly coded, see 31, Alarm siren: 23 ⇒ 5.0
⇒ 14.0 Trigger Panic alarm on electronic key (USA only)	<ul style="list-style-type: none"> Press Panic alarm button on electronic key 	Alarm horn sounds (turn off alarm).	Batteries in electronic key, Readout DTC memory, 12
⇒ 15.0 Headlamp activation (fog lamps) (USA only)	<ul style="list-style-type: none"> Ignition: ON Turn on exterior lamps Ignition: OFF Turn exterior lamps: OFF Close all doors on vehicle 	Fog lamps illuminate.	14, 23 ⇒ 15.0
⇒ 16.0 <i>Not applicable for U.S.A. version vehicles</i>			
⇒ 17.0 <i>Not applicable for U.S.A. version vehicles</i>			

¹⁾ Observe Preparation for Test, see 22.