

Diagnosis - Complaint Related Diagnostic Chart (driver/passenger-side airbag/side airbag)

CAUTION!

Risk of Injury when performing Diagnostic Tests and repairs on components of the SRS system.

Store both airbags and side airbags with opening surface pointing upward.

Do not expose to temperatures above 100°C.

Interrupt any electrical current from reaching the airbag unit.

CAUTION!

Risk of injury if airbag units and ETR units are ignited accidentally or if stored with the opening end facing downward which may cause the accidentally ignited components to fly about causing injury. Danger to persons also exists if the components are disposed of by cutting apart with cutting torches or other cutting/separation devices. Danger also exists if disposing the untriggered units via refuse collection or via smelting/carbonizing companies.

Protective measures/Supervision

- Place removed airbag unit with the opening side facing upward.
- Allow only **properly trained dealer staff** to supervise, purchase, transport, store, test/replace any of the SRS components.
- Install all airbag or ETR units once pulled from the parts department.
- Protect all airbag or ETR units from any sparks, open flame, or temperatures above 100°C.
- Do not transport airbag or ETR units in the passenger compartment, rather transport securely in their **original packaging** in the trunk.
- Do not allow oil, grease or cleaning agents come in contact with the airbag or ETR units
- Perform SRS tests only with approved test equipment (such as HHT), while installed in the vehicle **without** occupants.

- When reconnecting the vehicle battery or any outside electrical source, with the ignition turned ON, do not allow any occupants inside the vehicle.
- Airbag or ETR units which have been dropped from a height greater than 18 inches must be replaced.
- Prior to disposing the airbag or ETR units, the units must be made un-useable by discharging.
- In order to render the airbag and ETR unit un-useable, the specially made discharge harness must be used and at the same time maintain a **safe distance of at least 33 feet** from the units being discharged.

Prior to undertaking any chassis/body repairs, installation/repair work on airbag and ETR units, or any components which come in contact with the airbag and ETR units, or are part of the electrical circuit of airbag and ETR units (such as installation of the steering wheel), the following conditions must be met:

- Remove ignition key.
- Disconnect any outside source of electrical circuit (i.e. battery charger).
- When performing interior repairs or welding operations, disconnect the connector from the SRS control module.

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Preparation for Test:

1. Review 13, 14, 21, 22, 31
2. Review SRS malfunction indicator lamp actuation, function.
(see SMS, Function description of airbag, side airbag, seat belt tensioner (SRS), Z1 0879 02 01, Job No. GF91.60-P-2003GH).



If **no fault is present**, the AIRBAG OFF indicator lamp (A1e56) is illuminated only when the front passenger seat occupied recognition with automatic child seat recognition (ASCR) (B48) has recognized the **installed** MB child seat "Babysafe".
The airbag, side airbag and ETR are **not activated** on the passenger side with **an unoccupied seat** (i.e. person or MB child seat "Babysafe"), thus the AIRBAG OFF indicator lamp (A1e56) **is not illuminated**.

Complaint/Problem	Possible cause	Test step/Remedy
SRS MIL (A1e15) with ignition key in position "1": <ul style="list-style-type: none"> • does not come on • does not go out after approximately 4 – 20 seconds • flickers • comes on for 2 minutes • remains illuminated continuously 		23 ⇒ 3.0
SRS MIL (A1e15) blinks with ignition key in position "1", after the control module has been replaced.	SRS control module not coded.	Programming Vehicle Equipment 31

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Complaint/Problem	Possible cause	Test step/Remedy
<p>AIRBAG OFF indicator lamp (A1e56) does not illuminate with properly installed "Babysafe" child seat on the front passenger seat.</p> <p>Model 163 as of 3/98, up to 12/99</p>	<p>The front passenger seat occupied recognition with automatic child seat recognition (ASCR) (B48) has not recognized the installed MB child seat "Babysafe".</p> <p>A1e56</p> <p>MB child seat "Babysafe" has not been properly positioned onto the front passenger seat.</p>	<p>23 ⇒ 22.0</p> <p>23 ⇒ 23.0</p> <p>23 ⇒ 22.0</p>
<p>SRS MIL (A1e15) and AIRBAG OFF indicator lamp (A1e56) remain illuminated continuously.</p> <p>Model 163 as of 3/98, up to 12/99</p>	<p>Only one transponder of the MB child seat "Babysafe" is recognized.</p> <p>A non-approved baby seat has been recognized.</p> <p>The front passenger seat occupied recognition with automatic child seat recognition (ASCR) (B48) has been configured incorrectly.</p> <p>Data line problem from SRS control module (N2/2) to the front passenger seat occupied recognition with automatic child seat recognition (ASCR) (B48).</p> <p>B48</p>	<p>23 ⇒ 22.0</p> <p>Perform coding of SRS control module: Programming Vehicle Equipment 31</p> <p>23 ⇒ 24.0</p> <p>Readout DTC memory of airbag: 12</p>