

U3	<b>SRS Fault Codes - System 3</b>	
<b>FAULT CODE</b>	<b>EXPLANATION</b>	<b>TROUBLESHOOTING*</b>
1	SRS Control Unit Error	The SRS control unit has failed its own internal diagnostic. This code is can also be set when overcharging or low battery conditions occur. To verify failure: Delete fault stored in memory, operate vehicle for 5 minutes. Test for fault codes. If the fault recurs, the SRS Control Unit will need replacement.
2	Airbag Ignition Circuit - Drivers Side - Defective	This fault is often stored during repair of other components (removal of steering wheel or instrument cluster). Disconnect connector from generator module. Check wires from control unit pin 10 to contact ring pin 1 and pin 11 to contact ring pin 2 for continuity. Measure resistance of squib (detonator) at generator module (1.8 - 5.6 ohms). Replace if out of range. Check steering-wheel contact ring. Connect generator module and measure resistance at control-unit plug between pin 10 and pin 11 (1.8 - 5.6 ohms). Replace steering-wheel contact ring. If the fault code recurs, replace control unit.
3	Seatbelt Tensioning System Firing Circuit - Driver Side	<p>Disconnect plug connection between seat wiring harness and vehicle wiring harness. Measure resistance between pins 9 and 10 (seat side) (1.8 - 5.6 ohms). Disconnect plug-in connection to gas generator. Measure continuity from firing generator connection pin 1, to plug, seat connection pin 9 and from firing generator connection pin 2, to plug, seat connection pin 10. If ok, replace the gas generator of the driver's seat-belt tensioner.</p> <p>Disconnect plug-in connection from airbag control module. Check continuity of pin 1, to plug seat - vehicle wiring harness connection pin 9 and from airbag control module, pin 2, to plug seat - vehicle wiring harness connection pin 10.</p> <p>Visually inspect the wires and plug-in connections.</p> <p>Measure resistance at plug-in connection of driver's seat (control-unit side) between pin 6 and pin 7 (value &lt; 1 ohm)</p> <p>Measure voltage between pin 9 (seat side) and terminal 31 (ground).</p> <p>Measure voltage between pin 10 (seat side) and terminal 31 (ground).</p> <p>Try replacing the gas generator of the driver's seat-belt tensioner. Measure voltage between pin 1 (seat end) and terminal 31 (ground). Measure voltage at plug-in connection of driver's seat (control-unit end) bet</p> <p>Now clear fault memory. Read fault memory again. Fit together plug-in connection between seat wiring har</p> <ul style="list-style-type: none"> <li>- Measure voltage between pin 1 and terminal 31 (ground).</li> <li>- Measure voltage between pin 2 and terminal 31 (ground).</li> <li>- Measure resistance between pin 9 (seat side) and term. 31 (ground).</li> <li>- Measure resistance between pin 10 (seat side) and term. 31 (ground).</li> <li>- Measure resistance between pin 1 and terminal 31 (ground).</li> <li>- Measure resistance between pin 2 and terminal 31 (ground).</li> </ul>

4	Seatbelt Tensioning System Firing Circuit - Passenger Side	<p>Measure the resistance between pin 3 and pin 4 from airbag control module.</p> <p>Airbag control module pin 3, to plug seat - vehicle wiring harness, pin 6.</p> <p>Airbag control module, pin 4, to plug seat - vehicle wiring harness, pin 7.</p> <p>Try replacing the gas generator of the passenger's seat-belt tensioner.</p> <p>Measure voltage between pin 13 and terminal 31 (ground).</p> <p>Measure voltage between pin 14 and terminal 31 (ground).</p> <p>Measure resistance between pin 13 and terminal 31 (vehicle ground).</p> <p>Measure resistance between pin 14 and terminal 31 (ground).</p>
5	Airbag Ignition Circuit - Passenger Side - Defective	<p>Measure resistance between pin 13 and pin 14 (1.8 - 5.6 ohms).</p> <ul style="list-style-type: none"> <li>- Pull apart plug-in connection between gas generator of passenger's airbag and vehicle wiring harness.</li> <li>- Measure resistance between pin 1 and pin 2 at plug-in connection of the gas generator (wiring-harness side).</li> <li>- Check continuity between airbag control unit pin 13 to gas generator of passenger's airbag pin 1.</li> <li>- Check continuity between airbag control unit pin 14 to gas generator of passenger's airbag pin 2.</li> <li>- Pull apart plug-in connection to gas generator of passenger's airbag.</li> <li>- Measure resistance at adapter for airbag control unit between pin 13 and pin 14.</li> <li>- Measure resistance between pin 13 and terminal 31 (ground).</li> <li>- Measure resistance in wire to airbag control unit between pin 1 and terminal 31 (ground).</li> <li>- Measure voltage between pin 13 and terminal 31 (ground).</li> <li>- Measure voltage in wire to airbag control unit between pin 1 and terminal 31 (ground). Specified value: approx. 0 V</li> </ul>
6-7	SRS Control Unit Internal Defect	(See Fault Code 76-77.)
12-16	SRS Control Unit Internal Defect	(See Fault Code 76-77.)
17	Power Supply	Check Battery and Charging System. Check supply voltage at the airbag control unit.
18	SRS Control Unit Internal Defect	(See Fault Code 76-77.)

19	SRS Warning Lamp Faulty	<p>Does the warning lamp come on in ignition-lock position 1 and go out after approx. 4 seconds? If so then the warning lamp is OK.</p> <p>Warning lamp does not come on.</p> <ul style="list-style-type: none"> <li>- Check continuity from airbag control unit pin 7 to instrument cluster (display unit) pin 13 and from instrument cluster (display unit) pin 14 to terminal R.</li> <li>- Connect pin 14 of the display unit to term. 30 AND Connect pin 13 of display unit to term. 31 (ground). If the lamp does not illuminate, replace display unit of the instrument cluster (not instrument-cluster electronics (IKE)).</li> </ul> <p>The warning lamp does not go out if:</p> <ul style="list-style-type: none"> <li>- A fault in the system is stored.</li> <li>- The airbag control unit has not been coded. Code the control unit.</li> </ul>
20	Seat Occupancy Detection Circuit - Passenger Side	Check continuity of seat occupancy electronics pin 3 to airbag control unit pin 15 and seat electronics Pin 2 to ground.
21	Pressure Sensor - Driver Side	
22	Pressure Sensor - Passenger Side	
23	SRS Control Unit Internal Defect	(See Fault Code 76-77.)
24	Seatbelt Lock - Driver Side	<p>Pull apart plug-in connection X 10214 to driver-seat section of wiring harness. Measure resistance at side of seat between pin 2 and pin 3. Buckled 90 - 110 ohms, Unbuckled 360 - 440 ohms.</p> <p>Driver's buckle switch is O.K.</p> <ul style="list-style-type: none"> <li>- Pull apart plug-in connection X 778 to driver's seat-belt lock.</li> </ul> <p>Note: possible only after removing components of seat. Follow Repair Manual.</p> <ul style="list-style-type: none"> <li>- Check driver's buckle switch.</li> </ul> <p>Measure resistance between pin 3 and pin 1. Replace driver's seat-belt lock. Check and repair if necessary:</p> <ul style="list-style-type: none"> <li>- Wire from driver's buckle switch X 778, pin 3, to plug connection on driver's seat X 10214, pin 2.</li> <li>- Wire from driver's buckle switch X 778, pin 1, to plug connection on driver's seat X 10214, pin 3.</li> <li>- Wire from driver's seat plug-in connection X 10214 pin 3 to airbag control unit pin 12.- From terminal 31 to driver's seat plug-in connection X 10214 pin 3.</li> </ul> <p>Repair wire.</p>

25	Seatbelt Lock - Passenger Side	<p>SEAT-BELT LOCK, PASSENGER</p> <ul style="list-style-type: none"> <li>- Measure resistance between connector pin 8 and terminal 31 (earth).</li> <li>- Pull apart plug-in connection X 10215 to passenger-seat section of wiring harness. Passenger's seat-belt lock is OK.</li> <li>- Disconnect plug connection X 18165 to passenger's buckle switch. Important: only possible after removal of seat. Follow Repair Manual.</li> <li>- Check passenger's buckle switch.</li> </ul> <p>Replace passenger's seat-belt lock.</p> <ul style="list-style-type: none"> <li>- Wire from passenger's buckle switch X 18165, pin 3, to plug connection on driver's seat X 10215, pin 2.</li> <li>- Wire from passenger's buckle switch X 18165, pin 1, to plug connection on driver's seat X 10215, pin 3.</li> <li>- From terminal 31 to passenger's seat plug-in connection X 10215 pin 3.</li> <li>- Wire from passenger's seat plug-in connection X 10215 pin 3 to airbag control unit pin 8.</li> </ul>
48-63	SRS Control Unit Internal Defect	(See Fault Code 76-77.)
65	SRS Control Unit Internal Defect	(See Fault Code 76-77.)
67-72	SRS Control Unit Internal Defect	(See Fault Code 76-77.).
73	Airbag Squib wires - Short Circuited	Check wires to pins 1, 2, 3, 4, 10, 11, 13, and 14 for short-circuiting to each other.
76-77	SRS Control Unit Internal Defect	The SRS control unit has failed its own internal diagnostic. This code is can also be set when overcharging or low battery conditions occur. To verify failure: Delete fault stored in memory, operate vehicle for 5 minutes. Test for fault codes. If the fault recurs, the SRS Control Unit will need replacement.
	<p>The airbag control module may only be installed, removed or disconnected when the BATTERY IS DISCONNECTED! Under no circumstances disconnect, connect or move ZAE/BAE control module while ignition is turned on! Carry out repairs while battery is disconnected!</p>	