



**DTB**

Date: July 22, 2004  
Order No.: P-B-91.40/67a  
Supersedes: P-B-91.40/67 dated January 22, 2004  
Group: 91

**Revision:** *Procedure Updated – Return of connectors no longer necessary*

**SUBJECT:** **Model 215, as of 1.12.02 Production**  
**Model 220 as of 1.9.02 Production**  
**SRS Indicator Lamp On**

If you receive customer reports in the above model vehicles that the SRS light is illuminated and diagnostic fault code(s) B9183 and/or B91A3 are stored in the SRS ECU, the resistance of the circuit for the belt buckle tensioner squib may be too high. On Model 215, this high resistance may be caused by a malfunction in the seat belt ETR connector/left seat separation point (X28/8) or the seat belt ETR connector/right seat separation point (X28/9). On Model 220, this high resistance may be caused by a malfunction in the driver's seat buckle ETR connector separation point (X28/34) or the passenger seat buckle ETR connector separation point (X28/35). The malfunctioning connectors must be replaced with a repair kit. Please follow the below procedure to repair.

**i** **Note:** It is necessary to replace both the driver and passenger side connectors.

1. Remove ignition key.
2. Remove front seats, as per the following WIS document:
  - Model 215 - AR91.10-P-1000N
  - Model 220 - AR91.10-P-1000MB

**i** **Note:** Seat adjustment is still possible when the corresponding door is open, even though ignition key is removed.

3. Position seats on a suitable working surface.
4. Replace connector, based upon the model specific information listed below.

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

**i** **Note:** Wiring diagram of airbag control unit with integrated emergency call system, can be found in the following WEB ETM document:

- Model 215 up to 31.8.02: PE91.60-P-2101CA
- Model 215 as of 1.9.02: PE91.60-P-2101CB
- Model 220: PE91.60-P-2101SB



Figure 1

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- Cut electrical wires approximately 80 mm in front of connector.
- Carefully remove approximately 50 mm of fabric tape.
- Strip approximately 15 mm of insulation from the electrical wires.
- Slide solder connector onto electrical wires.
- Twist bared electrical wires with wire ends from repair kit.

**i** **Note:** Observe wire color assignment, by following the table below!

Model 220	Wire Colors, Seat Side		Wire Colors, Vehicle Side	
	Harness Wire	Repair Kit	Repair Kit	Harness Wire
<b>Driver Side</b> (X28/34)	Yellow/Black	Yellow/Red	Black	Yellow/Black
	Yellow/Red	Yellow/Black	Black/Yellow	Yellow/Red
<b>Passenger Side</b> (X28/35)	Gray/White	Yellow/Red	Black/Brown	Gray/White
	White/Violet	Yellow/Black	Black/White	White/Violet

Model 215	Wire Colors, Seat Side		Wire Colors, Vehicle Side	
	Harness Wire	Repair Kit	Repair Kit	Harness Wire
<b>Driver Side</b> (X28/8)	Yellow/Black	Yellow/Red	Black	Yellow/Black
	Yellow/Red	Yellow/Black	Black/Yellow	Yellow/Red
<b>Passenger Side</b> (X28/9)	Gray/White	Yellow/Red	Black	Gray/White
	White/Violet	Yellow/Black	Black/White	White/Violet

f) Position solder connection in center of twisted wires and shrink with heat gun (solder).


 Utilize wiring harness repair set 220 589 02 99 00 and heat gun 458-HL1802E via the MBUSA Standard Service Equipment Program (order by calling: 1-888-458-4040).

g) Check solder connections.

h) Wrap fabric tape around electrical wires on both sides.

i) Remove old connector from bracket and install new connector.

j) Perform the same above steps on coupling in passenger compartment.


 **Note:** Ensure proper engagement when assembling electrical connector for driver seat ETR or front passenger seat ETR.

k) Delete fault memory with STAR DIAGNOSIS.

l) Install in the reverse order.

#### Parts Information

Qty.	Part Name	Part Number
8	Solder Connector	A002 546 13 41
1	Repair Kit	A230 540 58 05

 **Note:** The following allowable labor operations should be used when submitting a warranty claim for this repair.

#### In Case of Warranty

**Operation:** Connector – driver and passenger side emergency tension retractor, replace (02-4021)

Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
59330 74	02 4021	2.5 hrs.	M1, M2, M6, M7, M8, M9, N1, N4, N5