

# Service Information

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Category <b>S</b>	<b>Repair Guidance</b>	Ref. No. R080/16	Page 1 of 10
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued September 30, 2016	
Please convey this information to your <input type="checkbox"/> Director <input checked="" type="checkbox"/> General Manager <input checked="" type="checkbox"/> Warranty Dept. <input checked="" type="checkbox"/> Parts Dept. <input checked="" type="checkbox"/> Training Dept. <input checked="" type="checkbox"/> Field Rep.		Date Revised	
Applicable Model MX-5 (ND) without Inner Cloth for Convertible Top	Applicable Countries and/or Vehicle Specifications North America and Europe		

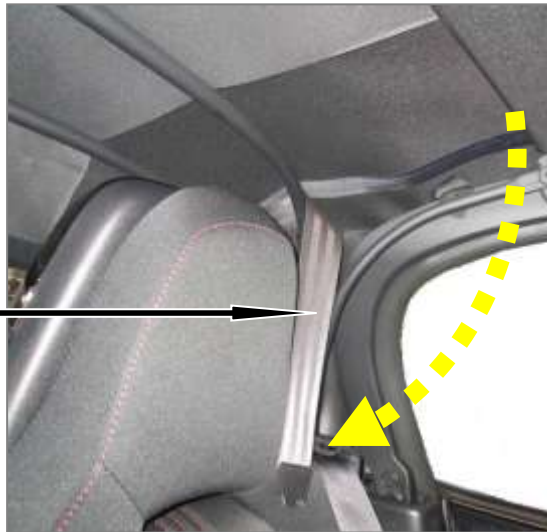
## Subject: Convertible Top Tension Band(s) detached from Header Panel and hanging down

### DESCRIPTION

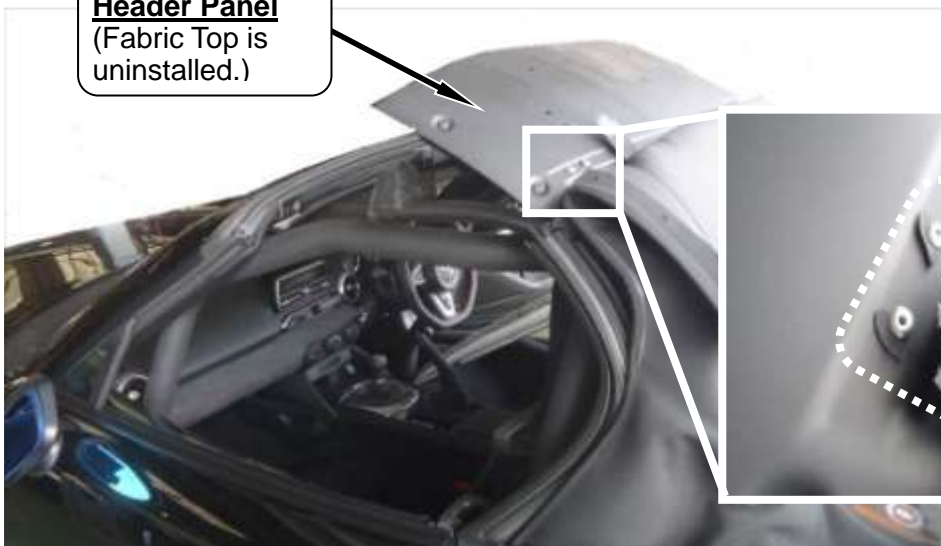
Some vehicles may exhibit the driver and/or passenger side tension band(s) hanging down from the convertible top. Upon inspection, the plastic plate of tension band is broken at the riveting to the header panel.

**NOTE:** A right hand vehicle is used as sample for this Service Information.

**Tension Band** is hanging down from convertible top.



**Header Panel** (Fabric Top is uninstalled.)



**Plastic Plate** of tension band is broken at riveting to header panel.



**CAUSE**

The plastic plate of the tension band is broken due to insufficient strength.

**MASS PRODUCTION CHANGE**

The configuration of the tension band will be changed to increase the strength.

**SUBJECT VIN & PRODUCTION DATE RANGE**

Spec.	Subject VIN Range		Production Date Range (Up to)
Europe (L.H.D. & UK)	JMZ ND**** **	100001 - TBD	TBD
US (2016 MY)	JM1 ND**** **	100001 - TBD	

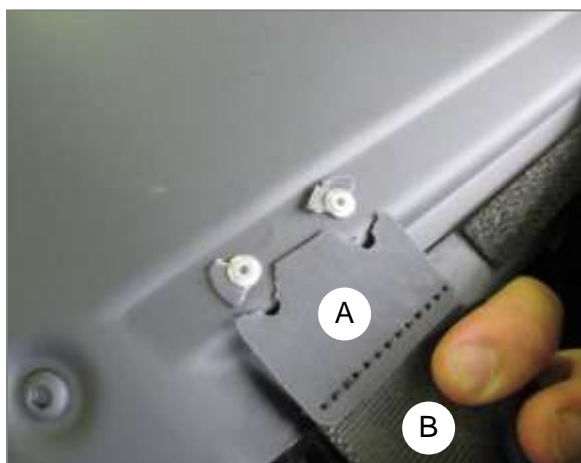
**REPAIR PROCEDURE**

When you receive a customer complaint on this concern and the problem can be confirmed, use the following repair procedure.

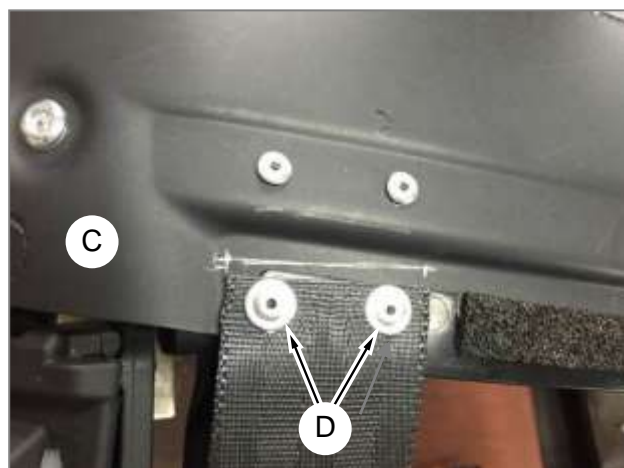
**OUTLINE**

1. Remove the broken plastic plate (A) from the tension band (B).
2. Push two holes in the tension band and the header panel (C) respectively at the specified positions.
3. Fix the tension band to the header panel with two rivets and washers (D).

**BEFORE REPAIR**



**AFTER REPAIR**



**NOTE: REPAIR BOTH SIDES EVEN WHEN IT IS BROKEN AT ONE SIDE ONLY.**

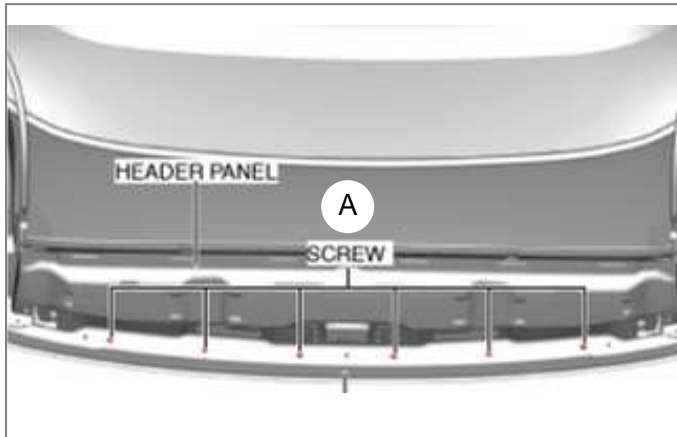
## PROCEDURE

### REMOVE HEADER COVER

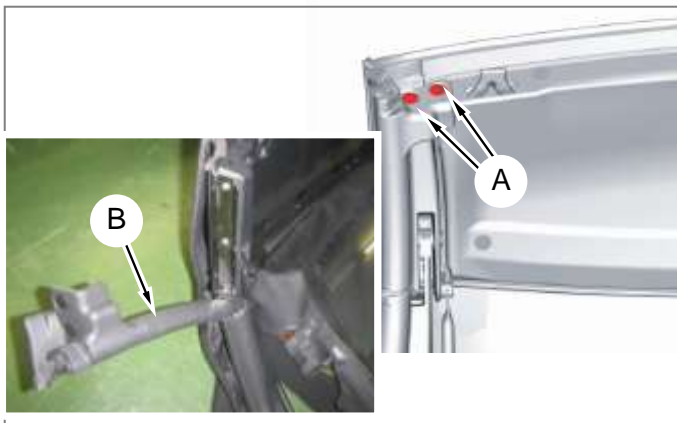
1. Remove the header cover according to the workshop manual "HEADER COVER REMOVAL/INSTALLATION"

### REMOVE TOP FABRIC

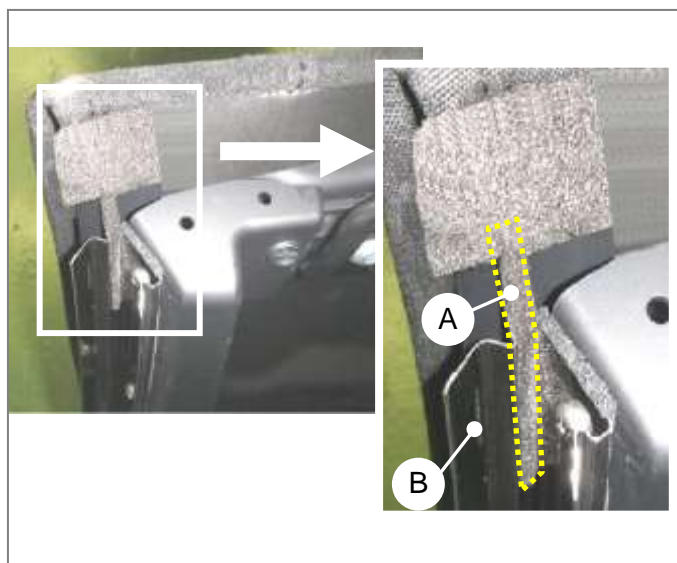
2. Remove screws (A).

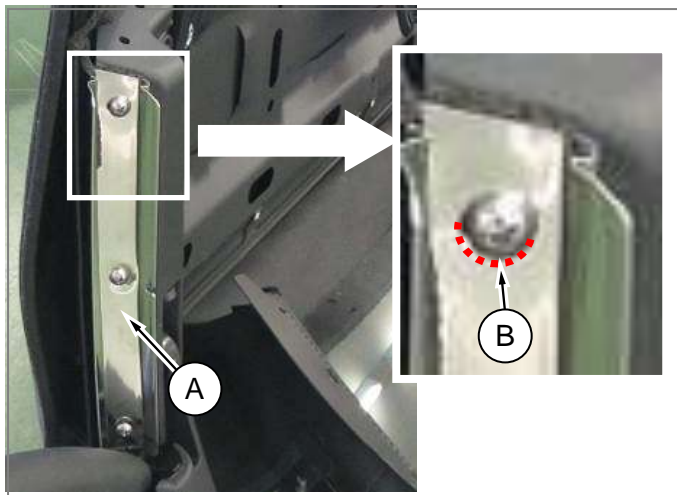


3. Remove two fasteners (A) then remove the link weather strip No.1 (B). (Both sides)



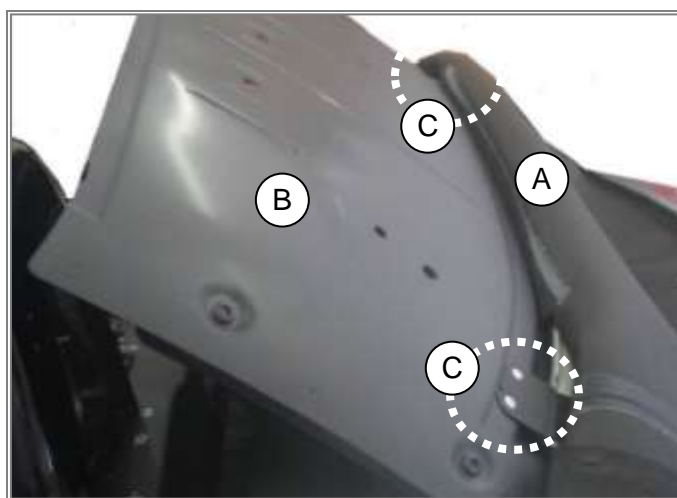
4. Remove the EPT sealer (A) on the retainer (B). (Both sides)





5. Remove three screws and remove the retainer (A). (Both sides)

**NOTE:** Before removing the three screws, put marking (B) around the screw so that the retainer can be installed in the original position.



6. Remove the top fabric (A) from the header panel (B) until the fixing points (C) of tension bands are exposed.

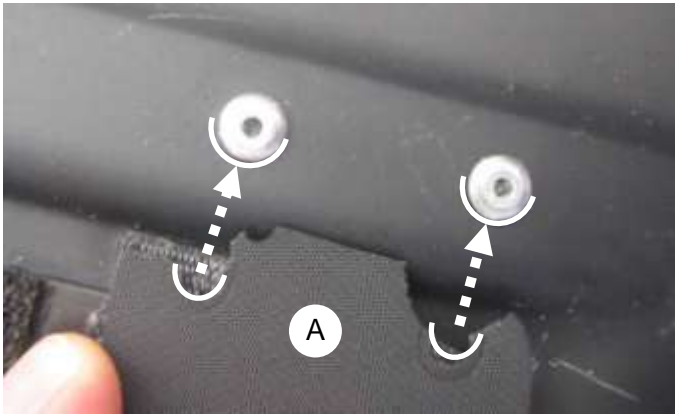
### CREATE RIVET INSTALLATION HOLES IN TENSION BAND



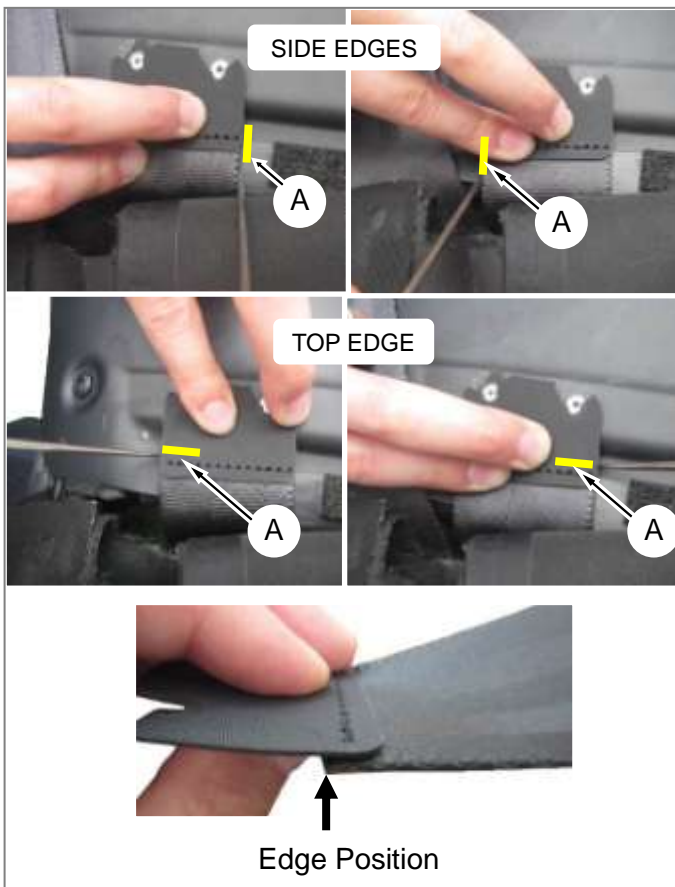
7. Close the convertible top and engage the striker (A) in the latch (B). (Half lock condition)

**NOTE:** If the convertible top is fixed, It becomes easier to perform the following steps.

**DO NOT close (lock) the convertible top completely.** Otherwise, the tension band will be stretched excessively and the work cannot be performed on the contrary.

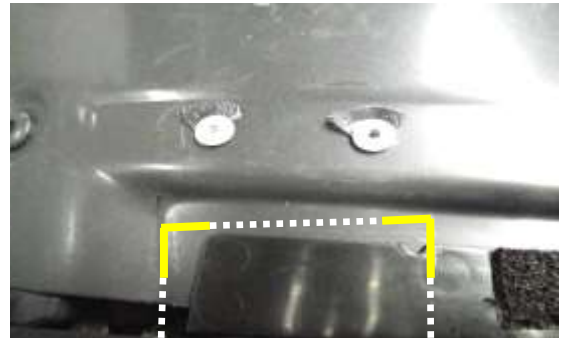


8. Fit the broken plastic plate (A) to the original installed position.

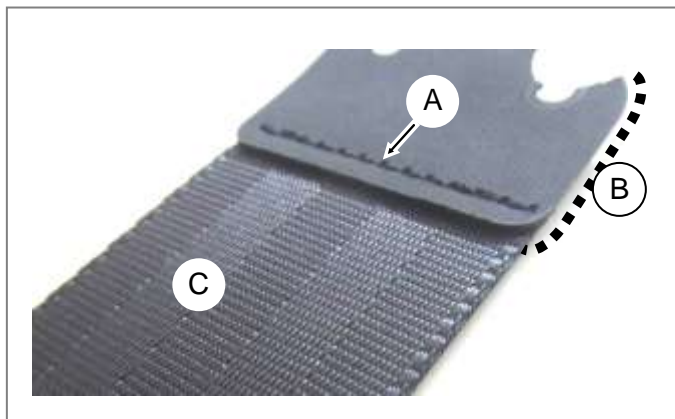


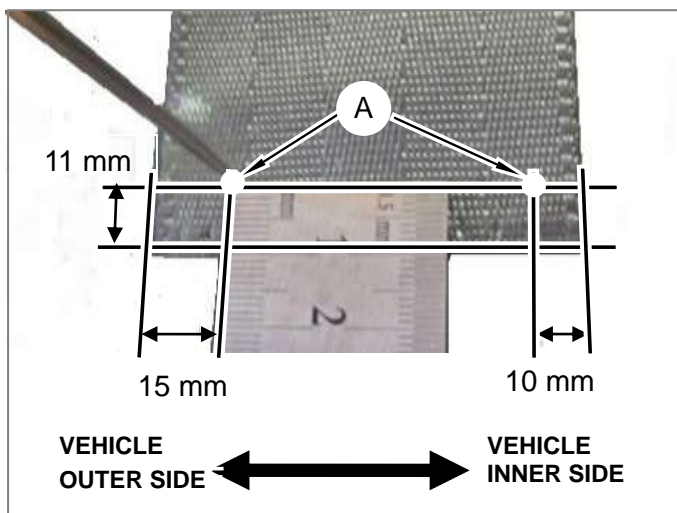
9. While holding the plastic plate, put four marks (A) on the header panel to indicate the original installed position of the tension band as shown in figures.

-After putting four markings-



10. Cut the sawing stitches (A) using a sharp box knife and remove the plastic plate (B) from the tension band (C).





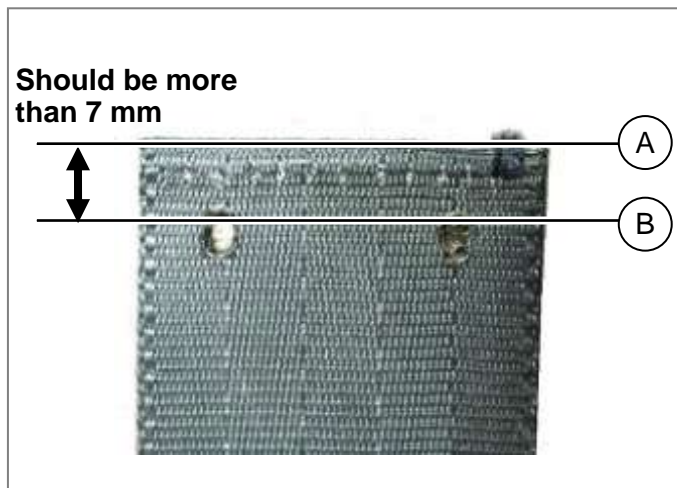
11. To create two rivet installation holes in the tension band, put the position marks (A) as shown in figure.

**CAUTION: DO NOT** mistake the vehicle inner and outer side.



12. Using a soldering iron, create two holes with a smaller size than the rivet at the positions marked in **Step 11**. While the holes are still heated, insert the rivet (A) to enlarge the hole to fit the rivet.

**CAUTION:** The holes must be located exactly in the specified positions, or this Service Information repair will not be successful and the convertible top assembly needs to be replaced. See next Step.

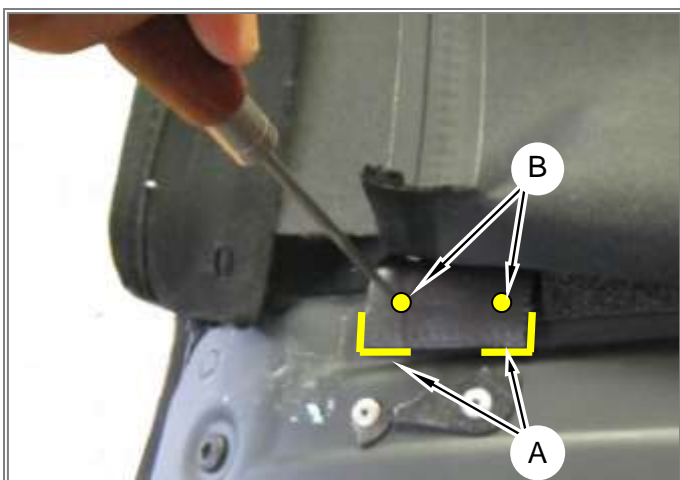


13. Verify that the width between the tension band edge (A) and the edge (B) of holes is more than 7 mm.

**NOTE:** If the width is less than 7mm, it does not meet requirements. Replacement of the convertible top assembly with new one is necessary.

## DRILL RIVET INSTALLATION HOLES IN HEADER PANEL

14. Place the tension band to the originally installed position by aligning it with the marks (A) made in **Step 9**, and put position marks (B) to drill holes in the header panel.



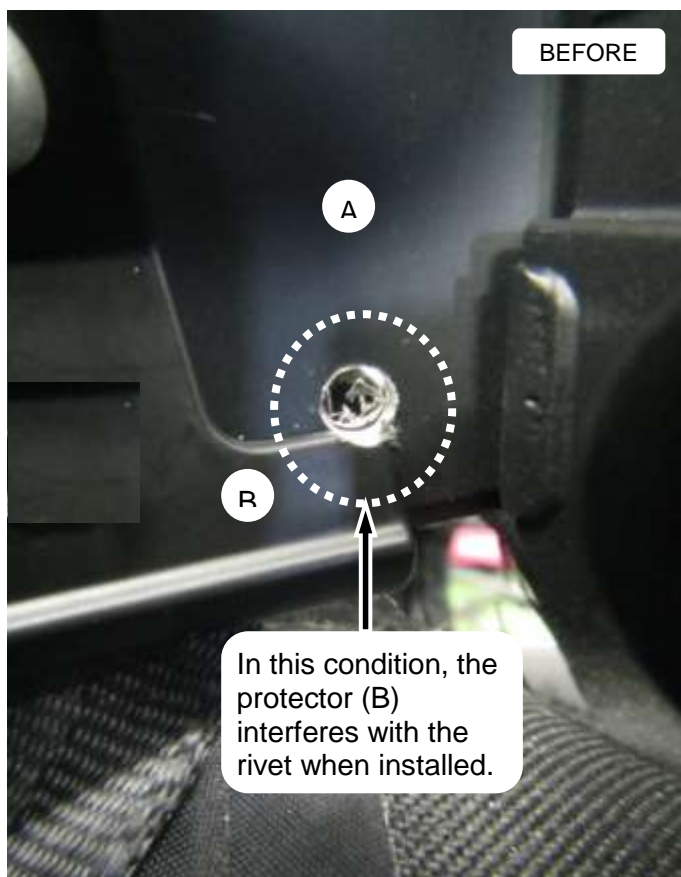
15. Using a drill, produce two holes with the diameter of 4 mm in the header panel at the positions marked in **Step 14**.

**NOTE:** Use an appropriate measure to prevent chips of the drilling from scattering around the vehicle cabin.

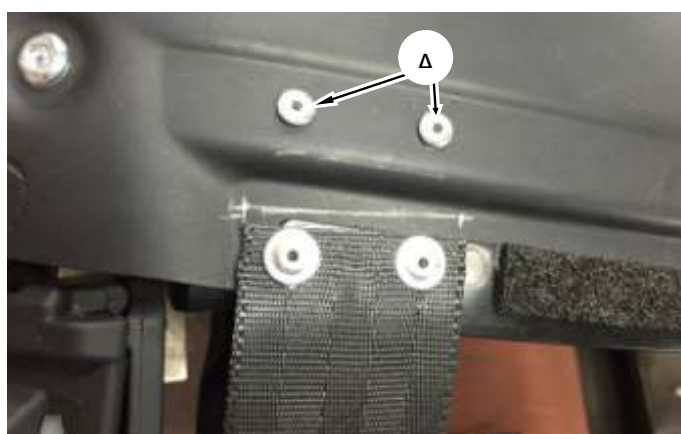


16. Using a suitable tool; remove burrs after the drilling.





17. Looking at the cabin side of the header panel (A), check if the protector (B) interferes with the rivet when installed. If it interferes, chip (melt) off the protector appropriately using a soldering iron.



### INSTALL TENSION BAND TO HEADER PANEL WITH RIVETS

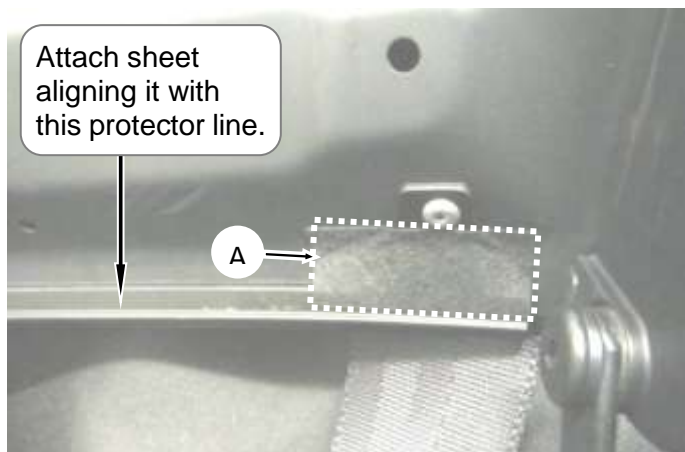
18. Install the tension band with rivets (9025 73 209) and washers (9995 20 412).

**NOTE:** Leave the original rivets (A) as they are. If they are forced to remove, a part of the rivet may remain in the header panel causing noise.

19. Verify that the rivets are called tight.  
**NOTE:** It is all right if the washer is not loose.

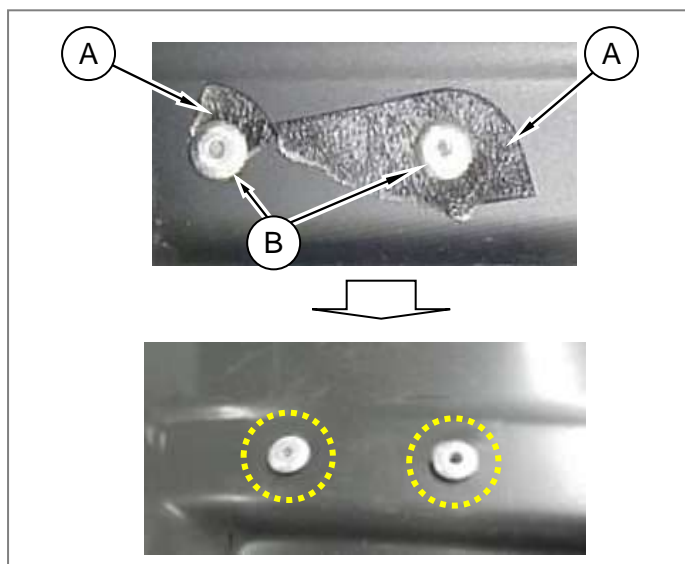


20. Temporarily install the header cover and verify that the rivets do not contact the header cover. If it is contacted, file off the lower part of the rivet.



21. Select a 0.25mm thickness sheet from the "Noise Repair Kit" (TA01 76 100). Cut the sheet into 2 pieces of size 50 X 20 mm. Attach the sheet (A) in order to cover the rivets. (Both sides)

**NOTE:** If there is no sheet, the rivets may be visible at the clearance between the header cover and the header panel.



22. Remove pieces (A) of the broken plastic plate remaining around the old rivets (B).

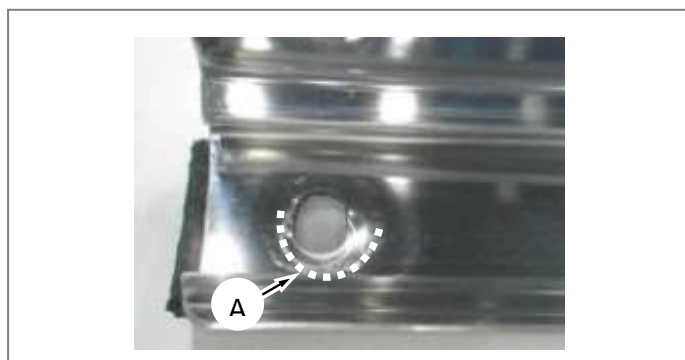
**NOTE:** If left, they may fall down later in the vehicle interior.

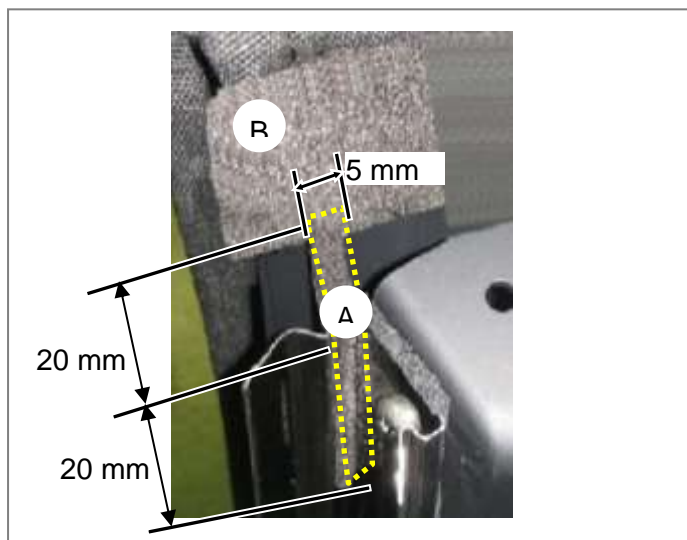
### INSTALL TOP FABRIC

23. Install the top fabric to the header panel in reverse order of removal and with the following notes "TOP FABRIC INSTALLATION NOTE".

#### [TOP FABRIC INSTALLATION NOTE]

- 1) Install the retainer in the originally installed position by aligning the screw with the marking (A) put in **Step 5**.





2) Attach the new EPT sealer (A) on the retainer. (Both sides)

**NOTE:** Cut the EPT sealer (NF47 R1 182) into the following size and use it.  
**Size: 40 mm X 5mm**

3) Replace the EPT sealer (B) (NF47 R1 182) at the front corner of the top fabric with a new one. (Both sides)

### INSTALL HEADER COVER

24. Install the header cover according to the workshop manual "HEADER COVER REMOVAL/INSTALLATION"

25. Verify repair.

### PARTS INFORMATION

Part Number	Description	Qty.	Remark
9025-73-209	Rivet	4	
9995-20-412	Washer	4	
NF47-R1-182	EPT Sealer	3	
TA01-76-100	Noise Repair Kit	1	Use a 0.25mm thickness sheet in the kit. One sheet can repair 7 vehicles.

### WARRANTY INFORMATION

Assembly group	S -Body
Subassembly group	S21 - SOFT TOP
Symptom Code	89 (Out of proper position)
Damage Code	9A (Broken)
Causal Part No.	N243 R1 100* (Soft Top Link)
Quantity	0
Operation No.	XXM5PXRX Tension Bands, Repair (Both sides)
Labor Hours	0.9 Hrs.
Period Covered	Normal Warranty Period
Prior approval necessary	NO

Note: Claim parts as related parts.

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