

Service Information

Mazda Motor Corporation

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Category S	Repair Guidance	Ref. No. R017/16C	Page 1 of 7
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued February 26, 2016	
Please convey this information to your <input checked="" type="checkbox"/> Warranty Dept. <input checked="" type="checkbox"/> Parts Dept. <input type="checkbox"/> Directing Dept. <input type="checkbox"/> Training Dept. <input type="checkbox"/> General Manager <input checked="" type="checkbox"/> Field Rep.		Date Revised February 1, 2017	
Applicable Model MX-5 (ND) with INNER CLOTH		Applicable Countries or Specifications Worldwide	

REVISED

Revision note: "CAUSE", "MASS PRODUCTION CHANGE", "SUBJECT VIN & PRODUCTION DATE RANGE" and "REPAIR PROCEDURE" have been changed.

Subject: Convertible Top-Inner Cloth Coming Off Causing Poor Appearance and Obstructing View of Back Window

DESCRIPTION

Some vehicles may exhibit a coming off of the inner cloth at the rear end causing poor appearance and obstructing view of the back window.

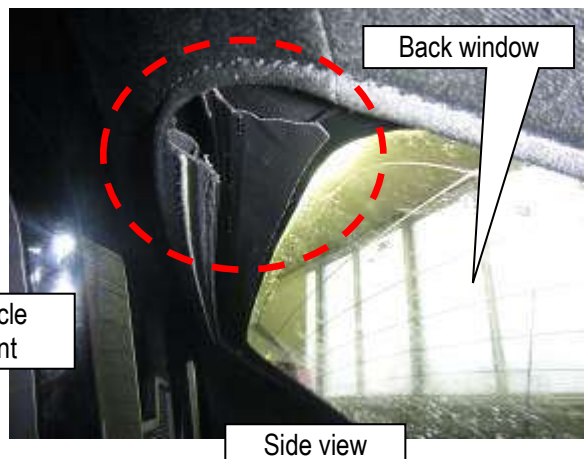
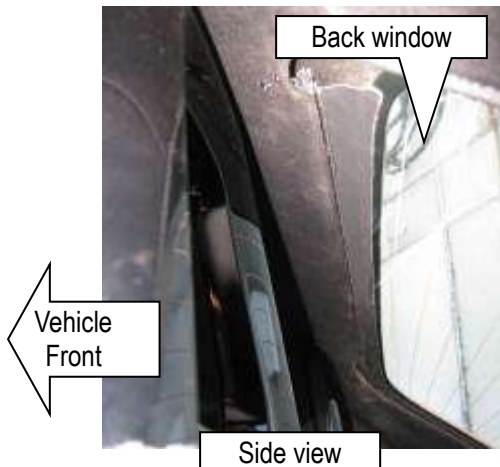
The coming off occurs when the convertible top is opening and/or closing or by vibration during vehicle driving.



Normal condition



Coming off the inner cloth



CAUSE

Case A: The J-hook (a) binding to hold the inner cloth becomes loose because of opening/closing the convertible top many times or by heat influence.

Case B: After the previous improvement carried out from January 19, 2016 at the supplier, some of the J-hook has been found that it still becomes loose to bind and hold the inner cloth during the assembly process at the supplier.



MASS PRODUCTION CHANGE

Case A: Clips (Two top-protectors) have been additionally installed to the both side edges of the J-hook to prevent opening/loosening the J-hook.

Case B: An improved inspection process has been started at the supplier, which is to check the appearance of the inner cloth after installation of the clip.

SUBJECT VIN & PRODUCTION DATE RANGE

NOTE: There are two types of vehicles as follows. Regarding the description of the Case A and B, check "REPAIR PROCEDURE".

Case A:

Spec.	VN Range		Production Date Range
Australia	JM0 ND **** **	100001-101477	From April 20, 2015 To January 18, 2016
General (RHD)	JM6 ND **** **	100001-100264	
General (LHD)	JM7 ND **** **	100001-100394	
Europe	JMZ ND **** **	100001-111273	
US (2016 MY)	JM1 ND **** **	100001-110159	

Case B:

Spec.	VN Range		Production Date Range
Australia	JM0 ND **** **	101478 -102718	From January 19, 2016 To September 19, 2016
General (RHD)	JM6 ND **** **	100265 -100477	
General (LHD)	JM7 ND **** **	100395 -100801	
Europe	JMZ ND **** **	111274 -120775	
US (2016 MY)	JM1 ND **** **	110159 -121434	

REPAIR PROCEDURE

Choose the suitable repair procedure according to the list in "SUBJECT VIN & PRODUCTION DATE RANGE" Case A or Case B.

Case A: Vehicles NOT having installed the clips (top protectors)

Order the new clips (two top protectors) and cut off the ribs.

Add the glue to the inside of the clips and install them to the both sides of the J-hook according to the following repair procedure "2. Install the clips onto both edges of the J-hook".

NOTE: The clip has a rib. Cut the rib before installation to the J-hook.

Since the rib is an obstacle when installing itself to the inner cloth, cut the rib off, and add the adhesive to inside of the clip to stabilize it to prevent of J-hook sliding to the transverse direction.

Case B: Vehicle already having installed the clips (top protectors)

Newly order the clips and replace the defective clips with a new one according to the following procedure. The old clips being installed before seem to have less fitting force.

NOTE: Cutting the rib is **NOT** needed for Case B vehicles because the J-hook has a groove to install the ribs easily. Also it is not needed to add glue to the clips.

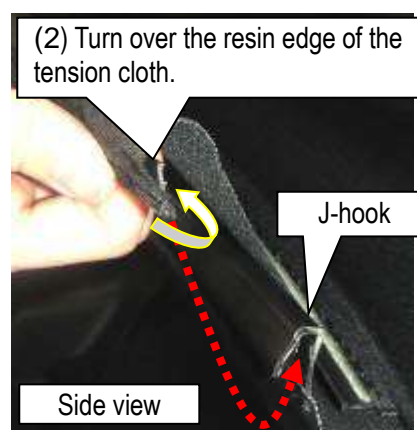
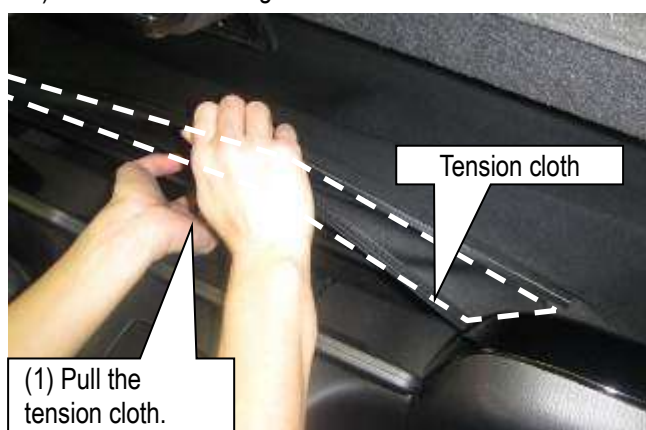
If you receive a customer complaint on this concern, use the following repair procedure.

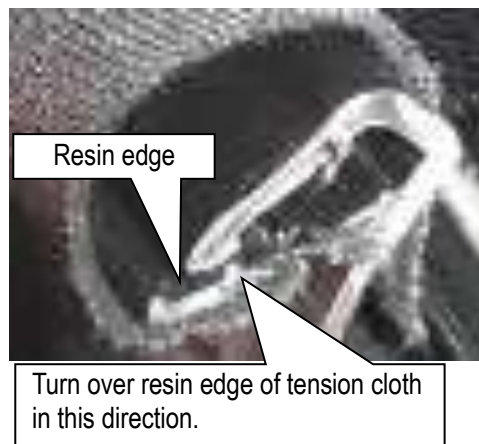
1. Install the inner cloth.

1). Open the soft top to the position shown in the following picture.



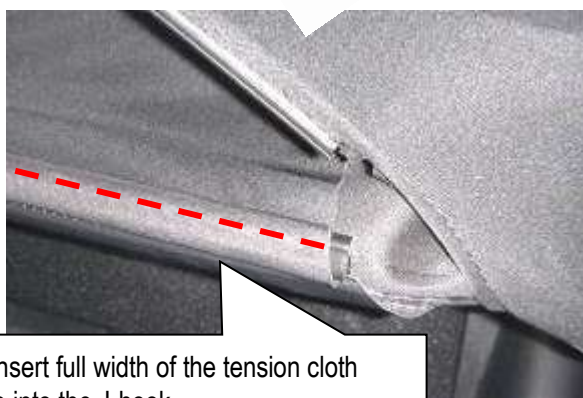
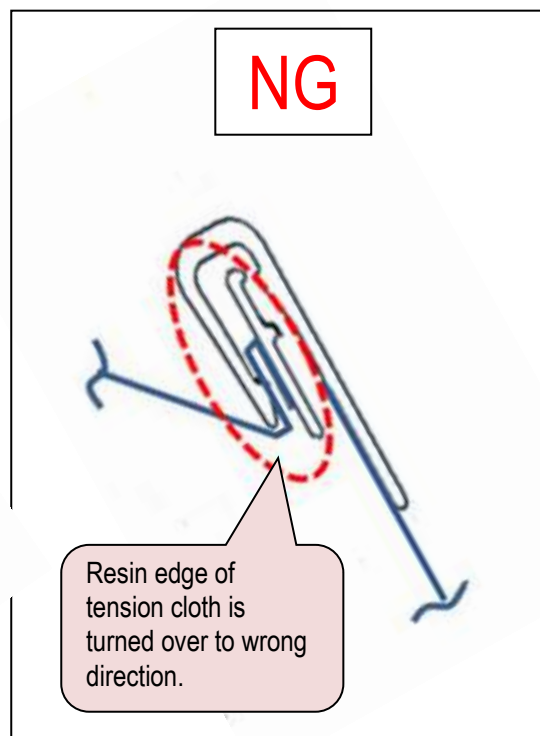
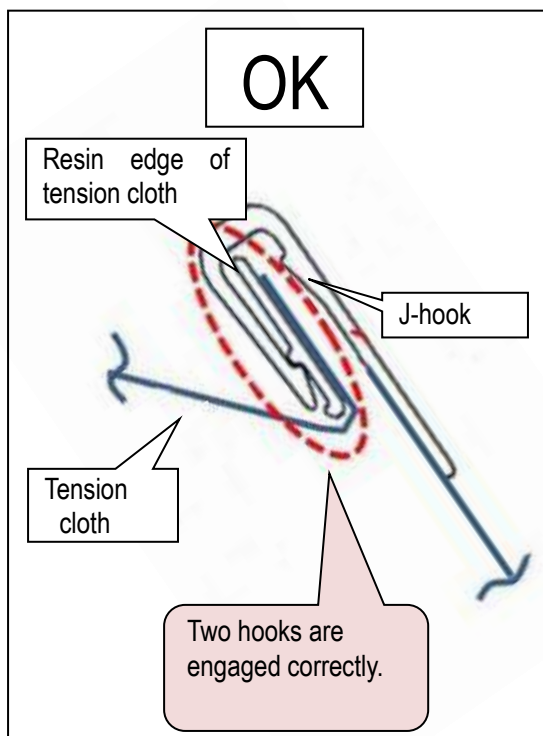
2). Install the resin edge of the tension cloth into the J-hook.





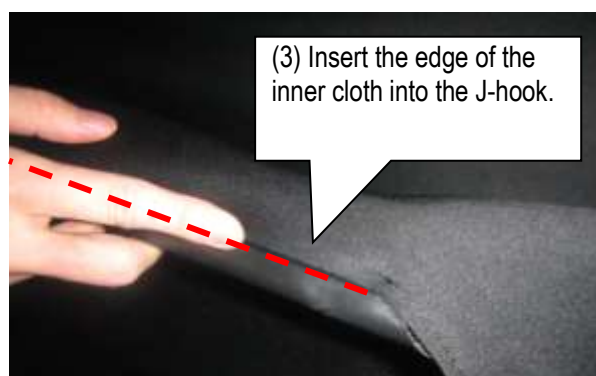
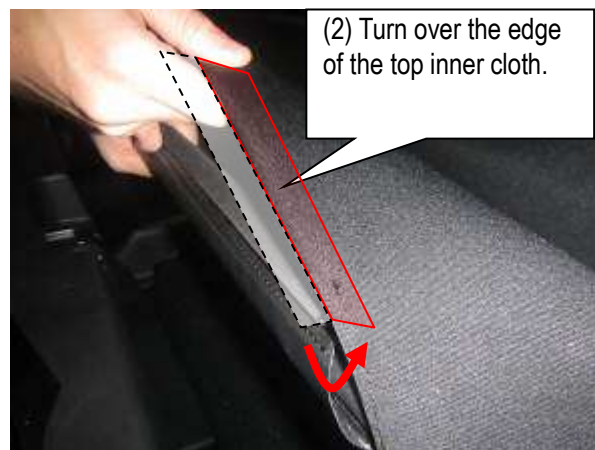
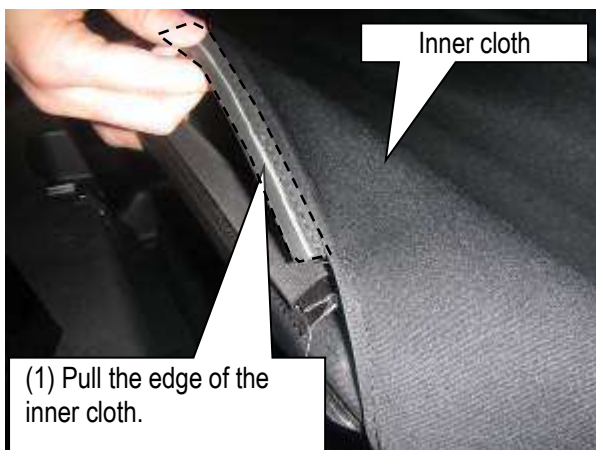
NOTE: Make sure to turn over the resin edge of the tension cloth to the correct direction as shown.

Cross section

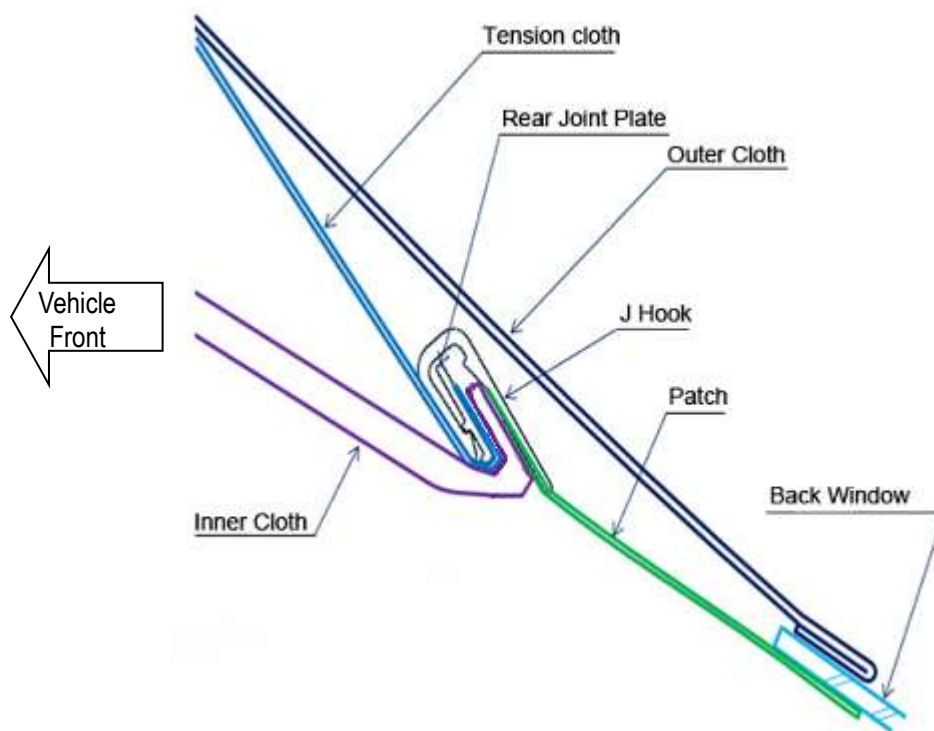


(4) Insert full width of the tension cloth edge into the J-hook.

3). Install the edge of the inner cloth into the J-hook.



-Cross sectional view of Tension Cloth and Inner cloth to show how they are installed in J-hook-



4). Lightly pull the inner cloth and verify that the inner cloth does not come off easily.

2. Install the clips onto both edges of the J-hook.

1) Cut off the shaded area of the clip (for both left and right sides).

Apply an appropriate adhesive to the inside of the clip as shown in the illustration.

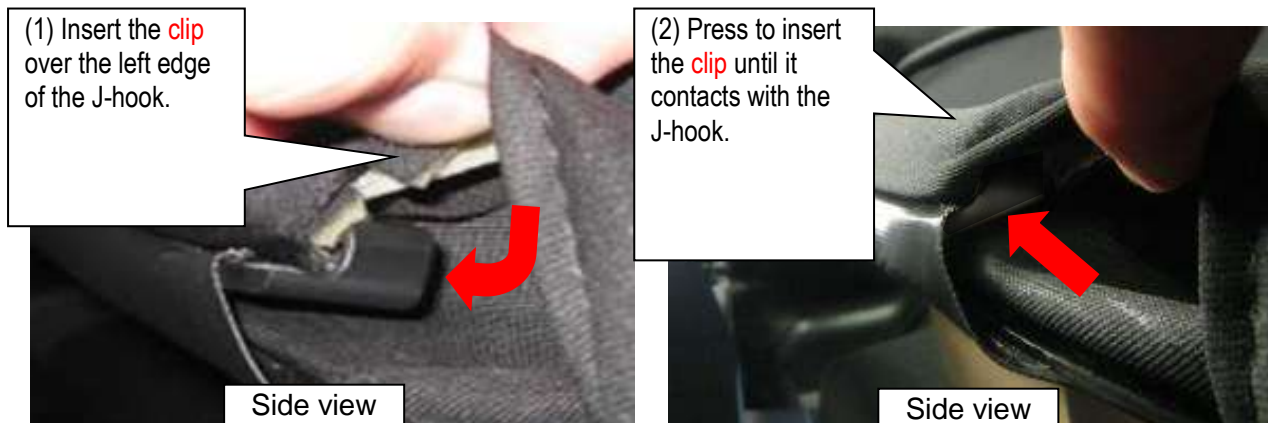
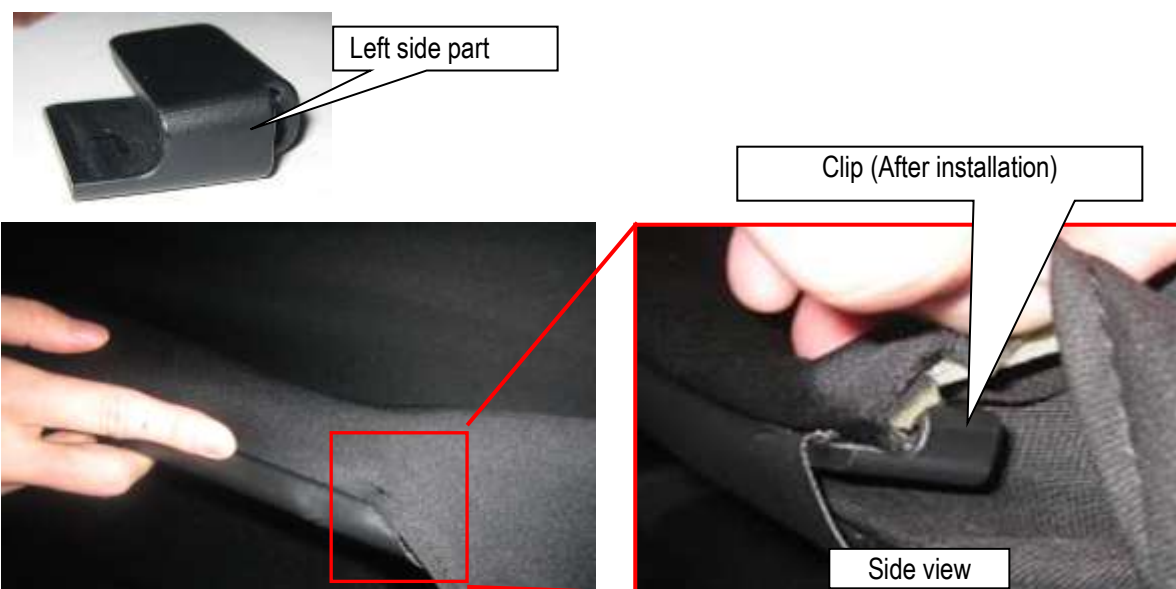
NOTE: Pictures show the left side.



(see Parts Information) to both edges of the J-hook.

NOTE: Pictures show the left side.

2) Install the clips



3) Verify the repair.

PARTS INFORMATION

Part Number	Part Name	Q'ty	Remark
N247-R1-280	PROTECTOR-TOP,LH	1	LH
N247-R1-230	PROTECTOR-TOP,RH	1	RH

WARRANTY INFORMATION

Assembly group	S - Body
Subassembly group	21 - SOFT TOP
Symptom Code	88
Damage Code	9E
Causal Part No.	N243 R1 210* ** (includes suffix and the color code)
Q'ty	0
Operation No. and hours	XXM2KXRX, 0.4 hours
Period Covered	Normal Warranty Period
Prior approval needed	NO

NOTE: Claim "PROTECTOR-TOP. LH & RH" (N247 R1 280 Q'ty=1; N247 R1 230 Q'ty=1) as related parts.

Kimiaki Inooka
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Technical Service Dept.
Mazda Motor Corporation
1F80631648, 150-183 (MC Internal Use)