TOYOTA
SERVICE BULLETIN
Group: 08 No.: 03 Date: Aug, 16

FJ Cruiser

Corrections to Repair Manual RM07D9E

Please ensure these pages are distributed to all relevant staff for their information; and a copy made available for future reference, with the above repair manual.

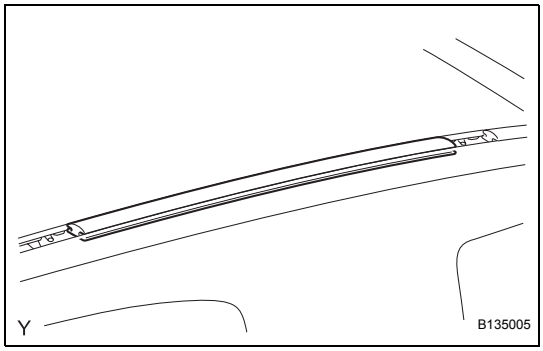
Section	Title	Paragraph
EXTERIOR	ROOF DRIP SIDE FINISH MOULDING	REMOVAL (2007/07-2010/11)
		REMOVAL (2010/11-2012/08)
		REMOVAL (2012/08-)
		INSTALLATION (2007/07-2010/11)
		INSTALLATION (2010/11-2012/08)
		INSTALLATION (2012/08-)

The revised pages listed above are attached.

(The corrected parts are indicated by arrows.)

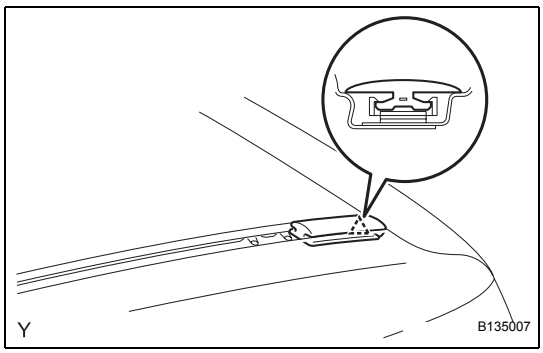
This bulletin does not cause the Flat Rate Manual to be changed

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4. REMOVE NO. 3 ROOF DRIP SIDE FINISH MOULDING

(a) Remove the No. 3 roof drip side finish moulding.

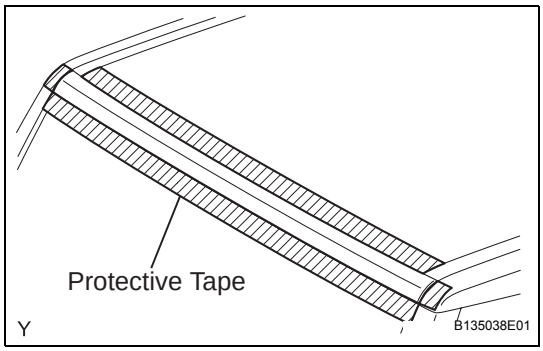


5. REMOVE NO. 4 ROOF DRIP SIDE FINISH MOULDING

(a) Disengage the clip and remove the No. 4 roof drip side finish moulding.

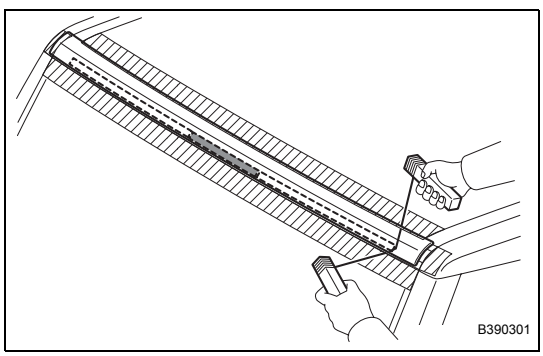
NOTICE:

- **Do not remove the clip.**
- **Replace the clip with a supply clip if damaged.**



6. REMOVE WINDSHIELD OUTSIDE UPPER MOULDING SUB-ASSEMBLY

(a) Apply protective tape to the roof panel in the area around the windshield outside upper moulding.



[Corrected]

(b) Insert the piano wires between the vehicle body and the windshield outside upper moulding, as shown in the illustration.

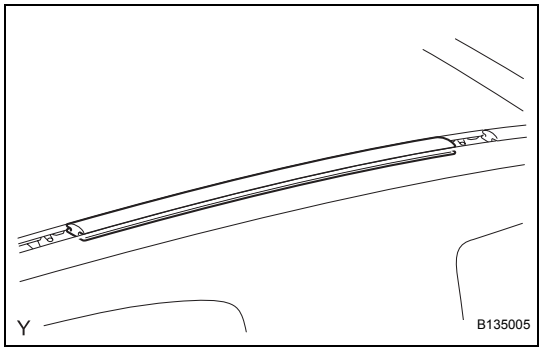
(c) Tie objects that can serve as handles (for example, wooden blocks) to all wire ends.

NOTICE:

When separating the windshield outside upper moulding from the vehicle, do not damage the vehicle's paintwork or exterior ornaments.

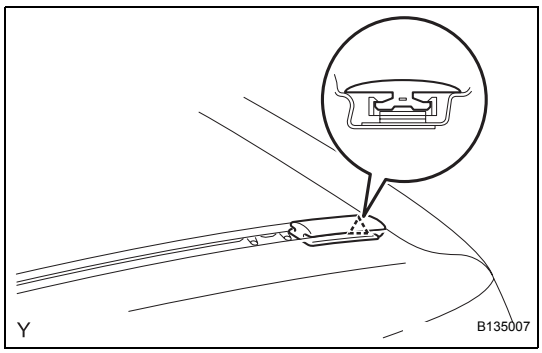
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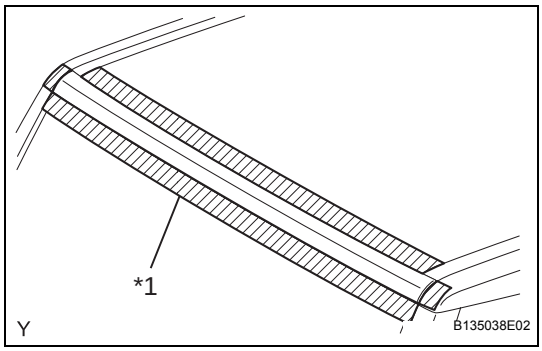


5. REMOVE NO. 4 ROOF DRIP SIDE FINISH MOULDING

(a) Disengage the clip and remove the No. 4 roof drip side finish moulding.

NOTICE:

- **Do not remove the clip.**
- **Replace the clip with a supply clip if damaged.**

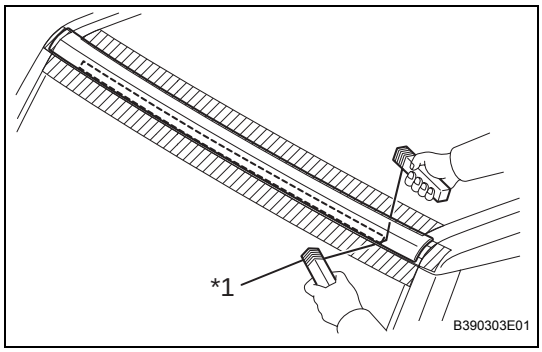


6. REMOVE WINDSHIELD OUTSIDE UPPER MOULDING SUB-ASSEMBLY

(a) Apply protective tape to the roof panel in the area around the windshield outside upper moulding.

Text in Illustration

*1	Protective Tape



(b) Insert the piano wires between the vehicle body and the windshield outside upper moulding, as shown in the illustration.

Text in Illustration

*1	Wooden Block

(c) Tie objects that can serve as handles (for example, wooden blocks) to all wire ends.

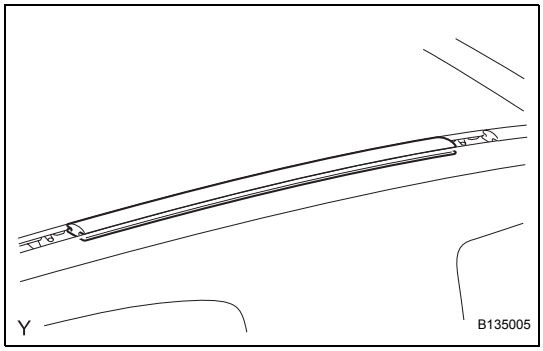
NOTICE:

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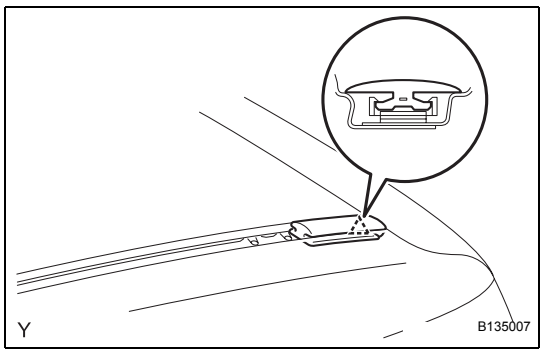
[Corrected]

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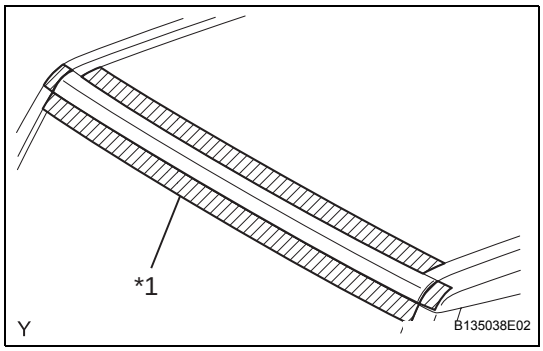


5. REMOVE NO. 4 ROOF DRIP SIDE FINISH MOULDING

(a) Disengage the clip and remove the No. 4 roof drip side finish moulding.

NOTICE:

- **Do not remove the clip.**
- **Replace the clip with a supply clip if damaged.**

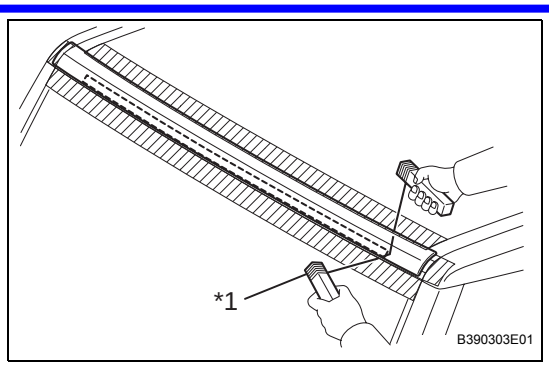


6. REMOVE WINDSHIELD OUTSIDE UPPER MOULDING SUB-ASSEMBLY

(a) Apply protective tape to the roof panel in the area around the windshield outside upper moulding.

Text in Illustration

*1	Protective Tape



[Corrected]

(b) Insert the piano wires between the vehicle body and the windshield outside upper moulding, as shown in the illustration.

Text in Illustration

*1	Wooden Block

(c) Tie objects that can serve as handles (for example, wooden blocks) to all wire ends.

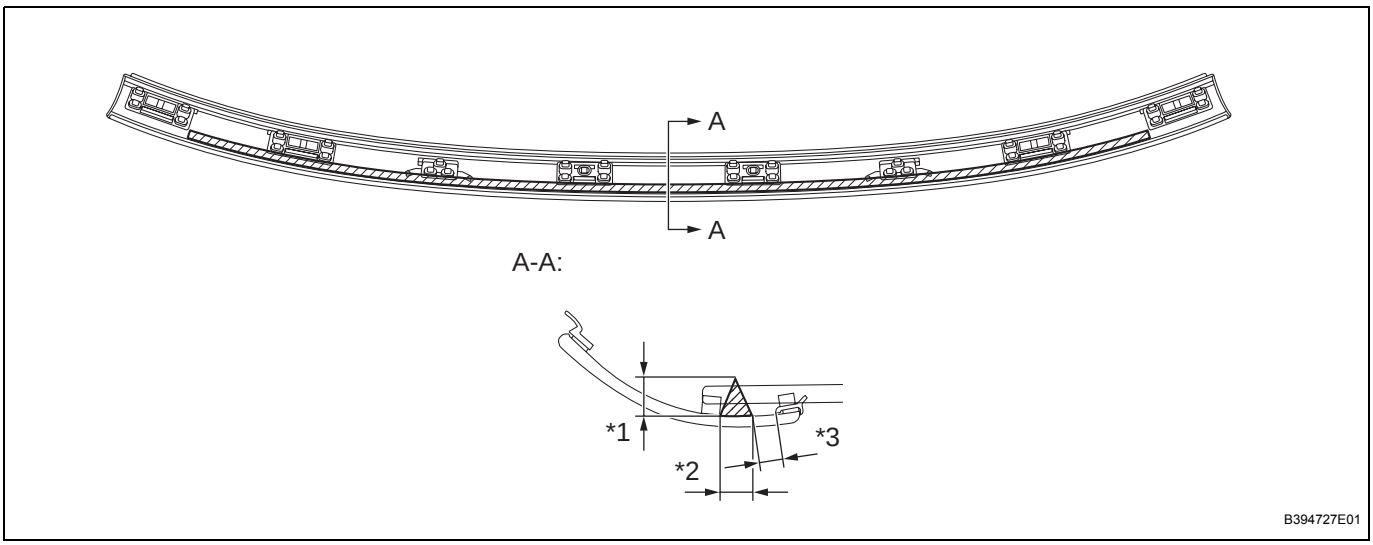
NOTICE:

When separating the windshield outside upper moulding from the vehicle, do not damage the vehicle's paintwork or exterior ornaments.

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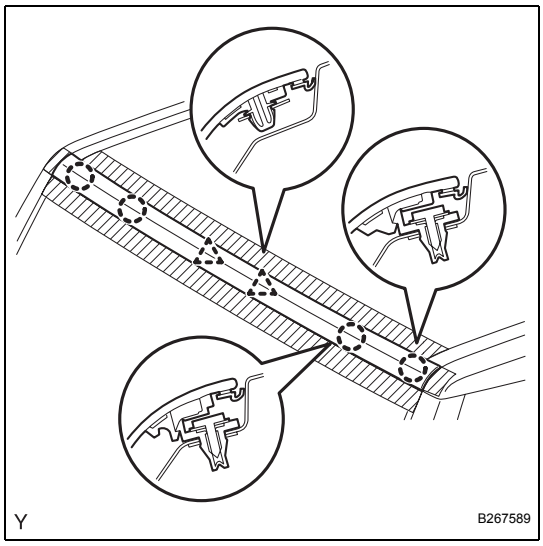
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(3) Apply adhesive to a new windshield outside upper moulding, as shown in the illustration.



Specification:

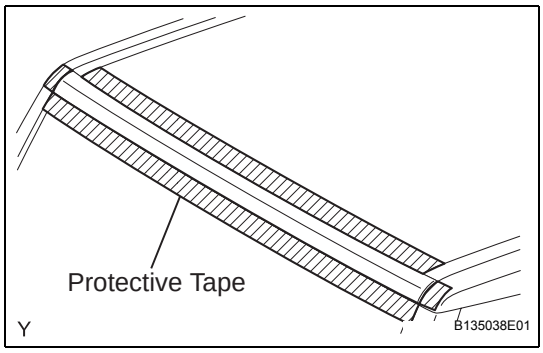
Area	Measurement
*1	10 mm (0.394 in.) or more
*2	8 mm (0.315 in.) or more
*3	3.5 to 9.5 mm (0.138 to 0.374 in.)



(d) Engage the 4 claws and the 2 clips and install a new windshield outside upper moulding.

NOTICE:
Do not drive the vehicle within the time indicated in the table below.
Minimum time:

Temperature	Minimum time prior to driving vehicle
35°C (95°F)	1 hour 30 minutes
20°C (68°F)	5 hour
5°C (41°F)	24 hours



(e) Remove the protective tape.

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8. INSTALL WINDSHIELD OUTSIDE UPPER MOULDING SUB-ASSEMBLY

(a) Clean the windshield glass.

(1) Using a scraper, remove the adhesive from the windshield glass.

(2) Clean the outer circumference of the windshield glass with a non-residue solvent.

NOTICE:

Do not touch the windshield glass surface after cleaning it.

(b) Using a brush or sponge, apply Primer G to the contact surface.

NOTICE:

- **Allow the primer to dry for 3 minutes or more.**
- **Throw away any leftover Primer G.**
- **Do not apply too much Primer G.**

HINT:

If Primer G is applied to any areas other than those specified, wipe off the primer with a clean shop rag or piece of cloth before it dries.

(c) Apply adhesive.

Adhesive:

Toyota Genuine Windshield Glass Adhesive or the equivalent

(1) Cut the tip off the cartridge nozzle.

HINT:

After cutting off the tip, use all adhesive within the times indicated in the table below.

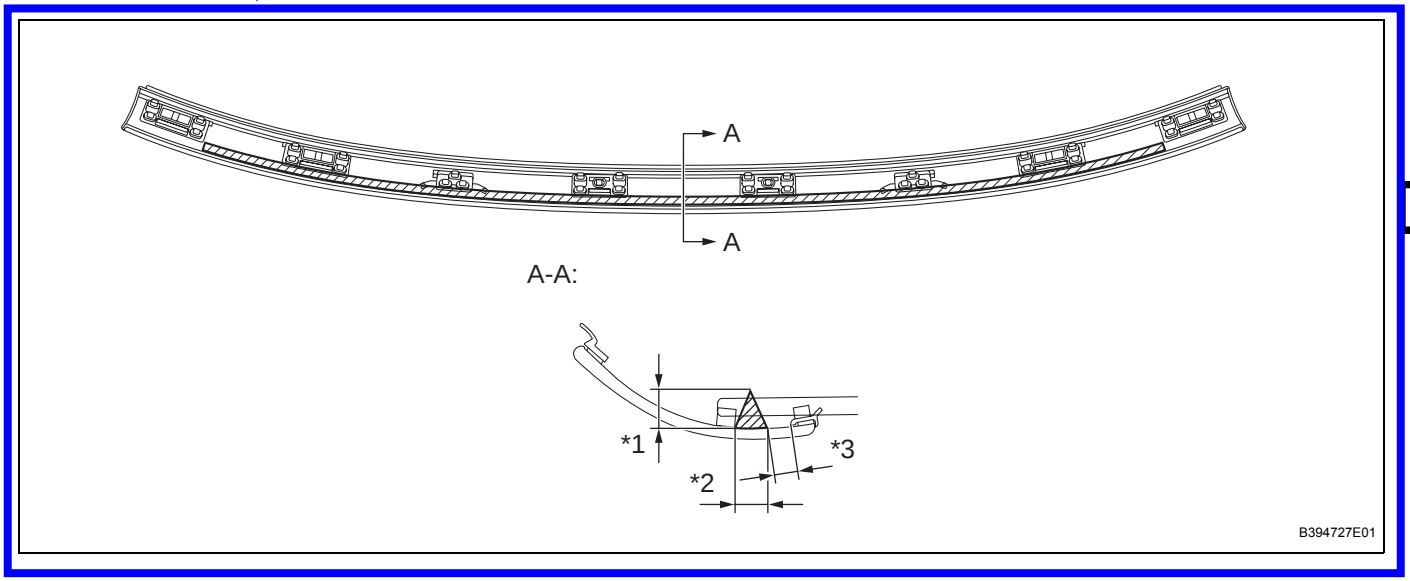
Usage time frame:

Temperature	Usage Time Frame
35°C (95°F)	15 minutes
20°C (68°F)	1 hour 40 minutes
5°C (41°F)	8 hours

(2) Load the sealer gun with the cartridge.

(3) Apply adhesive to a new windshield outside upper moulding, as shown in the illustration.

[Corrected]



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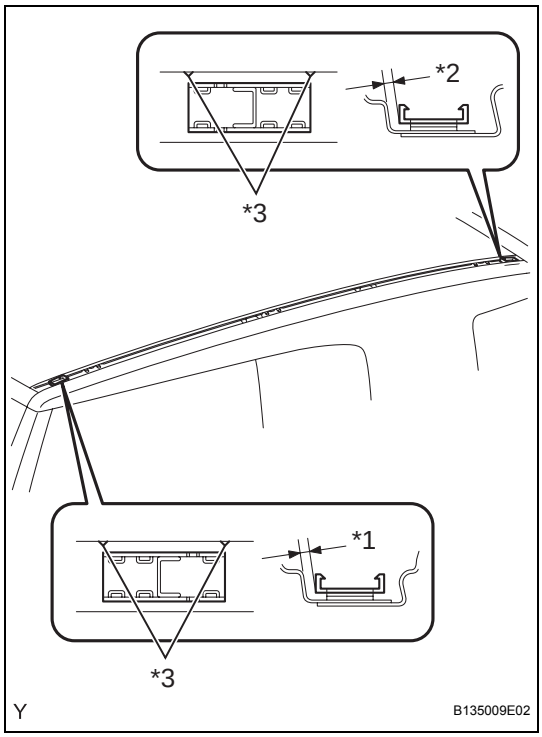
Specification:

Area	Measurement
*1	10 mm (0.394 in.) or more
*2	8 mm (0.315 in.) or more
*3	3.5 to 9.5 mm (0.138 to 0.374 in.)

(d) Engage the 4 claws and the 2 clips and install a new windshield outside upper moulding.
NOTICE:
Do not drive the vehicle within the time indicated in the table below.
Minimum time:

Temperature	Minimum time prior to driving vehicle
35°C (95°F)	1 hour 30 minutes
20°C (68°F)	5 hour
5°C (41°F)	24 hours

(e) Remove the protective tape.



9. INSTALL ROOF DRIP SIDE FINISH MOULDING CLIP
NOTICE:
- **Only follow this procedure when replacing the clips.**
- **Wear polyethylene gloves when performing steps and avoid having direct contact between the adhesive and your hand.**
- **Refer to the label on the adhesive for further precautions.**

(a) Clean the vehicle body.
(1) Using an industrial dryer, heat the tape remaining on the painted surface to soften it and peel it off with a bamboo scraper.
(2) Clean the surface using a shop rag or piece of cloth soaked in a non-residue solvent.

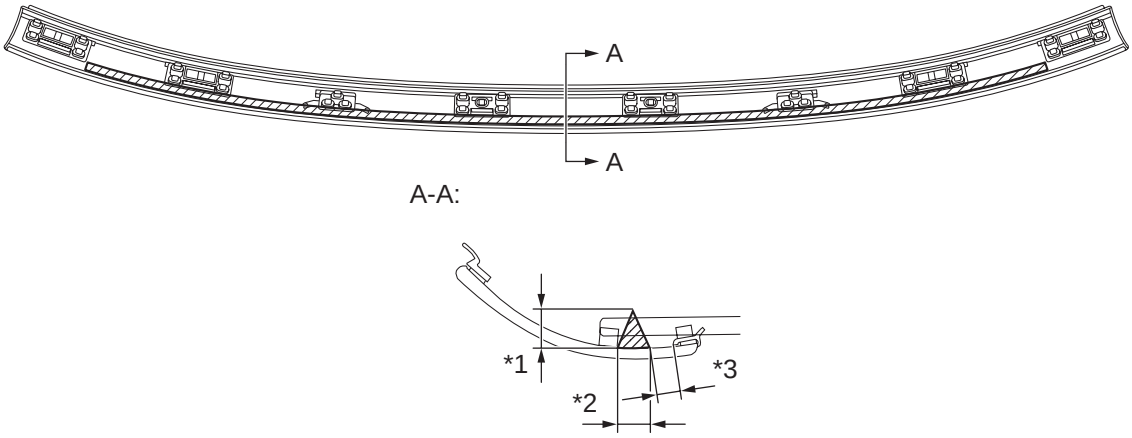
(b) Apply adhesive.
(1) Load an adhesive cartridge into an adhesive coating gun.
(2) Remove the cap from the adhesive cartridge and pull the lever of the gun. Make sure that the adhesive comes out of the nozzle tip (2 outlets) uniformly. (Confirm by applying adhesive to cardboard)
(3) Pull the lever again and apply adhesive to a part of the cardboard where it has not been applied before.
HINT:
The amount of the adhesive applied in this step should be greater than that required 0.5mm (0.02 in.)
(4) Using a paddle, mix the adhesive 10 times.
(5) Apply the adhesive, with a uniform thickness of 0.5 mm (0.02 in.), to the surface of the hardening tape on the clip.

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[Corrected]

(3) Apply adhesive to a new windshield outside upper moulding, as shown in the illustration.



Specification:

Area	Measurement
*1	10 mm (0.394 in.) or more
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(d) Engage the 4 claws and the 2 clips and install a new windshield outside upper moulding.

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