



<b>Reference Bulletins:</b>	<b>Subject:</b>	<b>Product</b>
SB 81-102; Aug. 1988	<b>SUNROOF</b>	<b>CARS</b>
	200	<b>Group</b>
	ALL	83
	<b>Date:</b>	<b>No.</b>
	AUGUST 1989	201

THIS BULLETIN APPLIES TO THE U.S. AND CANADA  
REFERENCE: TP 31120/1 (ENGLISH); BODY

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Leakage from the left and right guide rails, and the two front rails, can be corrected using the following procedure. (To remedy the situation, the sunroof and guide rails must be removed.)  
The sealers to be used are butyl tape (P/N 1277872-6), plastic filler (P/N 1161123-3), and body filler (P/N 277253-1).



**Preparation:**

**Remove sun visor (2 screws), if applicable**

**Open sunroof halfway**

**Remove wind deflector (4 screws)**

**Unhook clips at front edge of sunroof lining**

**Push lining back to expose sunroof mounts**

Important that all Service Personnel Read - Circulate and initial

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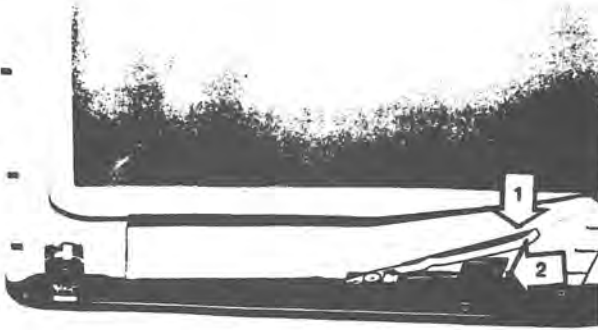
SERVICE MANAGER	SHOP FOREMAN	SERVICE WRITER	SERVICE TECHNICIANS														

## Removing sunroof

### Close sunroof

Push leaf spring (1) to side.  
Remove screws for front and rear  
sunroof mounts (4 each side).

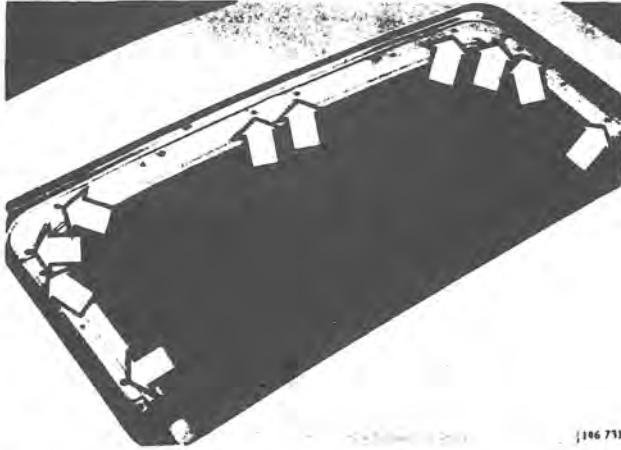
**Note:** Carefully note position of  
rear mount reinforcing  
plates (2). This will  
simplify installation.



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### Remove:

- crank and gear assembly for sunroof
- cover molding and intermediate sections on guide rails (10 screws - arrows)



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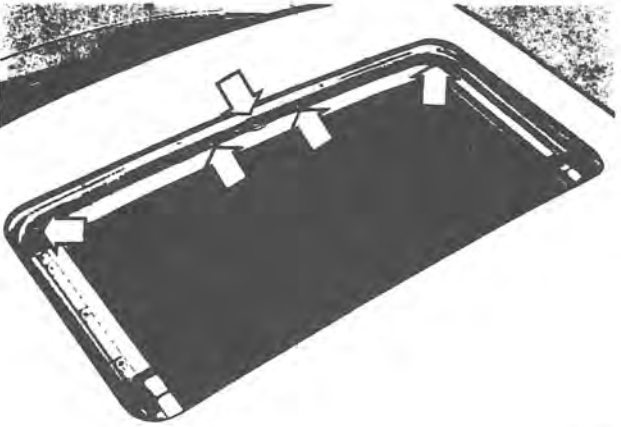
Remove front reinforcing plate for  
cable guide rails

Lift out cables and put to one side

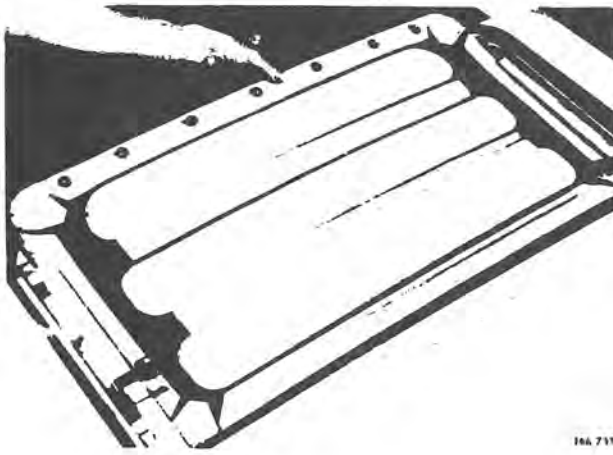
Remove cable guide rails (4  
screws)

Clean guide rails thoroughly

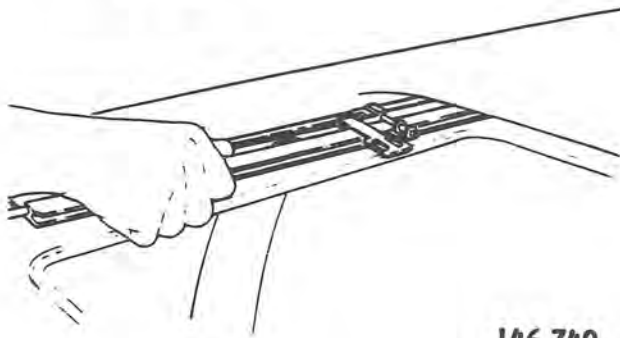
Remove nut plates for gear assembly  
(under guide rails)



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**Pull out sunroof liner**

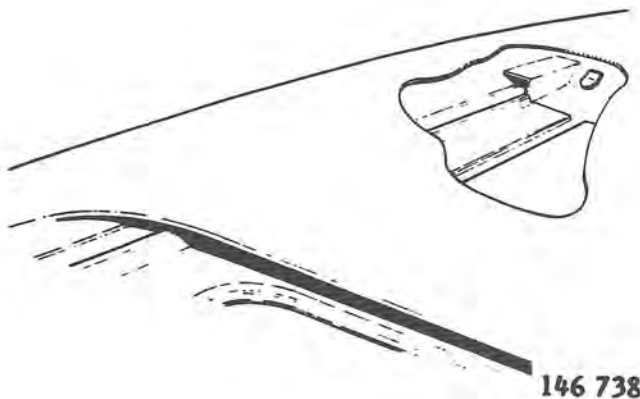


**Remove guide rails on both sides**

**Pull guide rails straight out**

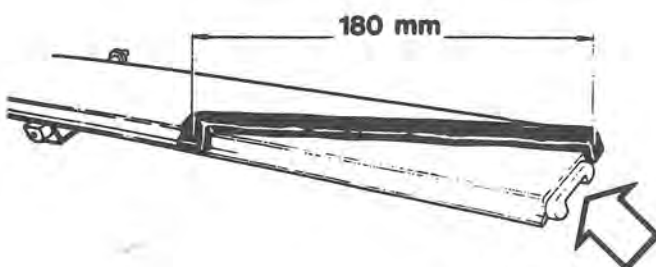
**Note:** Guide rails may be stuck in place due to butyl tape in drain channel.

**Important:** Carefully remove all butyl tape remaining in guide rails



**Installation**

**Important:** Make sure no butyl tape remains on base plate. Thoroughly clean as necessary.



**Apply butyl tape, P/N 1277872-6, to guide rails and plastic filler, P/N 1161123-3, on rear mounts**

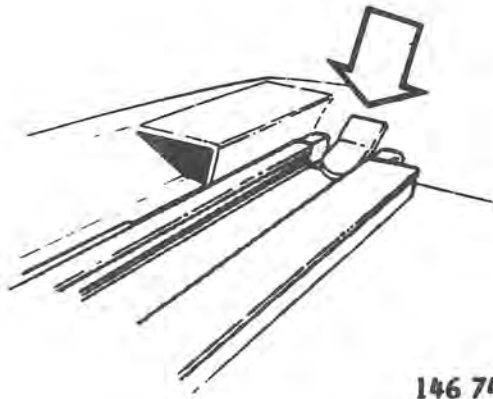
**Place a strip of tape (180 mm) diagonally over guide rail. Fold tape up at rear and side, see illustration.**

**Apply soap solution to butyl tape.**

**Install:**

- guide rails on both sides.

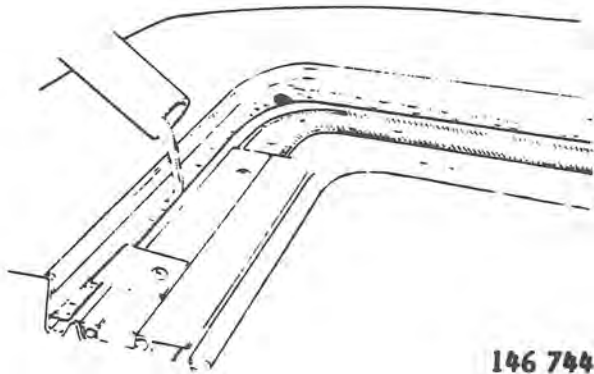
**Note:** Make sure rails are correctly positioned under rear brackets (arrow) on base plate.  
See illustration.



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- sunroof lining
- intermediate sections

Check that no leakage occurs at splash guards



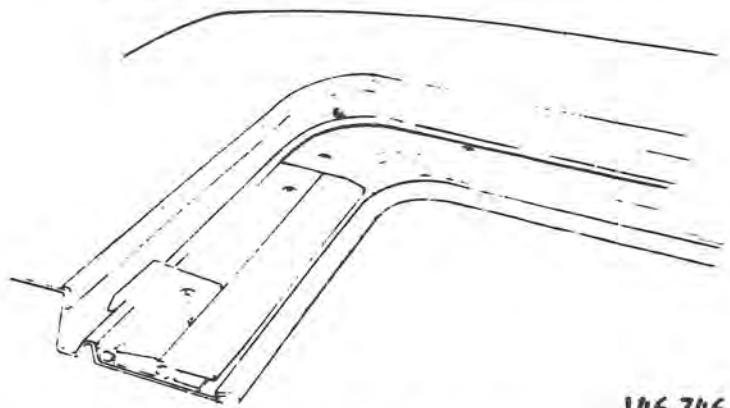
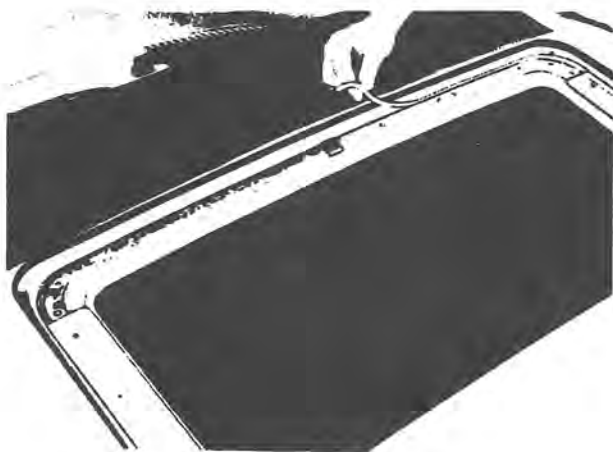
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Plug holes for both front drain holes. Clamp both rear drain hoses. Pour water in channels on base plate. Check that no water runs past rear section of guide rails and into car.

Unplug all drains.

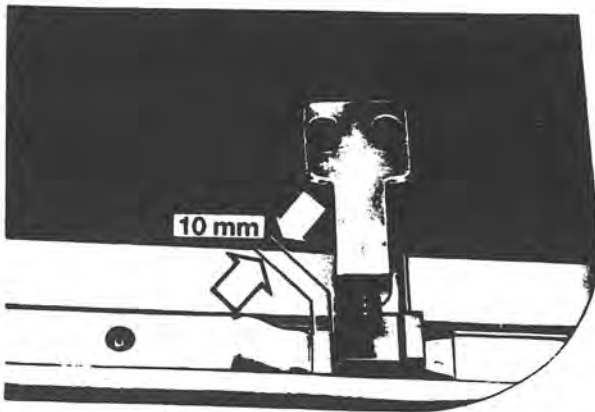
**Install:**

- nut plates for gear assembly
- guide rails for cables
- reinforcing plates for cable guide rails



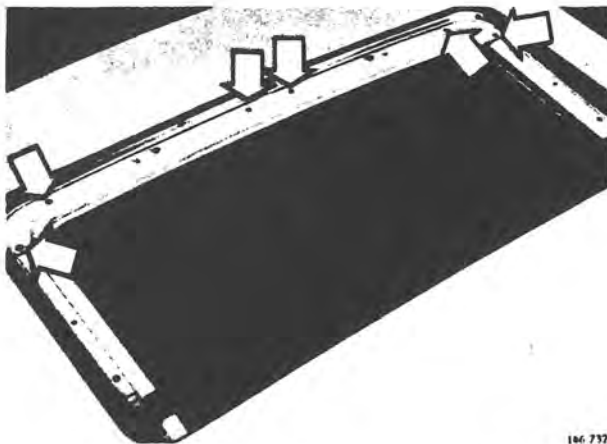
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Apply body filler, P/N 277253-1, in space between sunroof channel and cable guide rail.  
See both illustrations above.



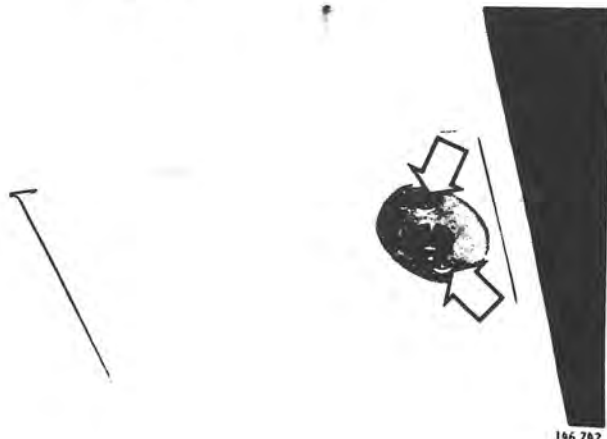
**Adjust sunroof mount (10 mm)**

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**Install cover molding for cables**

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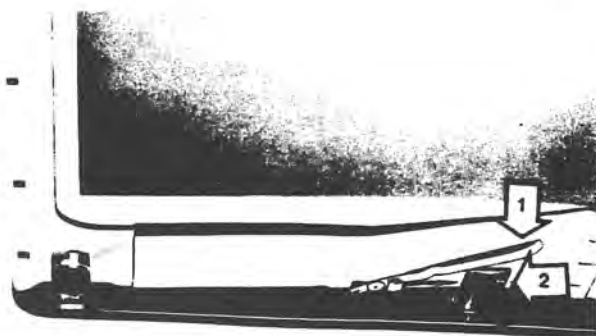


**Install:**

- gear assembly
- cover molding
- crank

**Note:** Before installing crank, be sure gear assembly is in start position.

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**Install sunroof**

Make sure reinforcing plates (2) for rear mounts are correctly positioned.

Put leaf spring (1) into position

Reattach front edge of sunroof lining

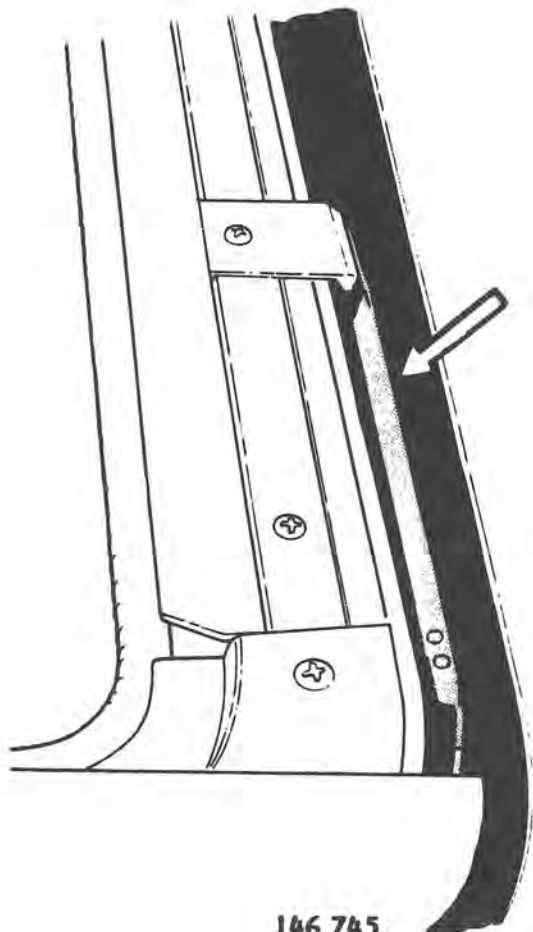
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**Install:**  
- wind deflector

**Note:** Make sure wind deflector connecting arms (arrow) are correctly positioned between roof and base plate. Water leakage could result if arms contact roof or base plate.

Install sun visor, if applicable

Check sunroof function.



146 745

During the New Car Warranty period, claims must be submitted under:

<u>Operation Number</u>	<u>Labor Description</u>	<u>Time Allowance</u>
836 353	Sunroof, repair according to SB 83-201	2.1 hr