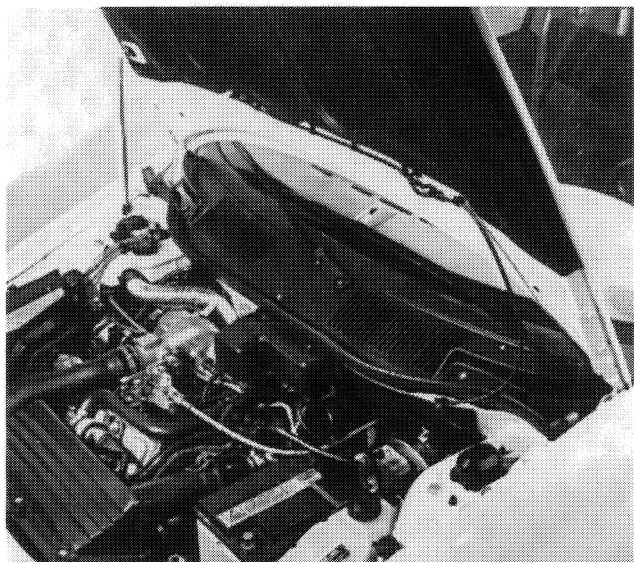


PUNTO eMANUAL

Bodywork

Title	Page
Windscreen	1 ➡
Rear screen	8 ➡

70.



P3M058M01



REPLACING FRONT WINDOW (WIND-SCREEN)



Use a cloth to protect the dashboard and the parts which could be damaged during the operations of cutting and fitting the window glass.

Before commencing the operation of replacing the window glass, disconnect the negative battery lead, remove the components which could cause an obstruction during the operation of replacing the window glass and in particular:

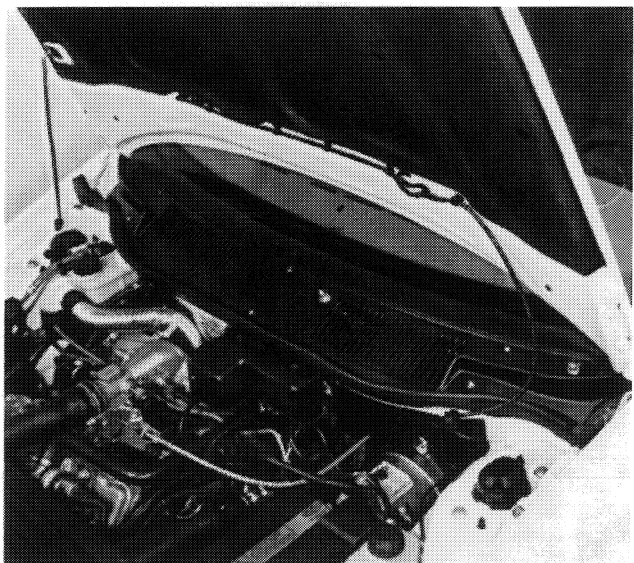
- courtesy light and sun visors;
- front pillar covers;
- passenger grab handle and driver's side fixing trims.

Lower the roof lining at the front and move it away from the roof, then proceed as described below:

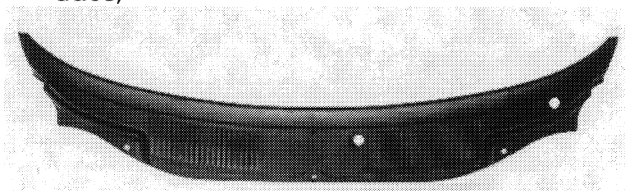


Order of operations

- Remove the fixing covers, then undo the nuts and remove the windscreen wiper blades;



P3M058M02



P3M058M03

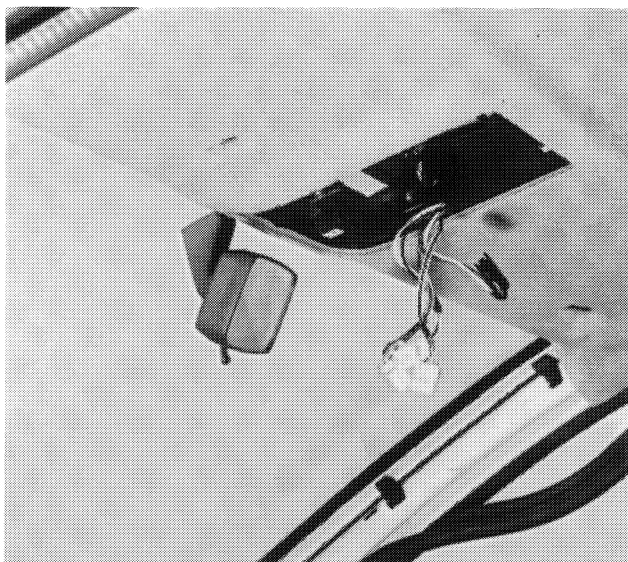
- undo the bolts shown and remove the lower window glass trim;



P3M058M04



- remove the door seal and window glass perimeter trims;



P3M059M01

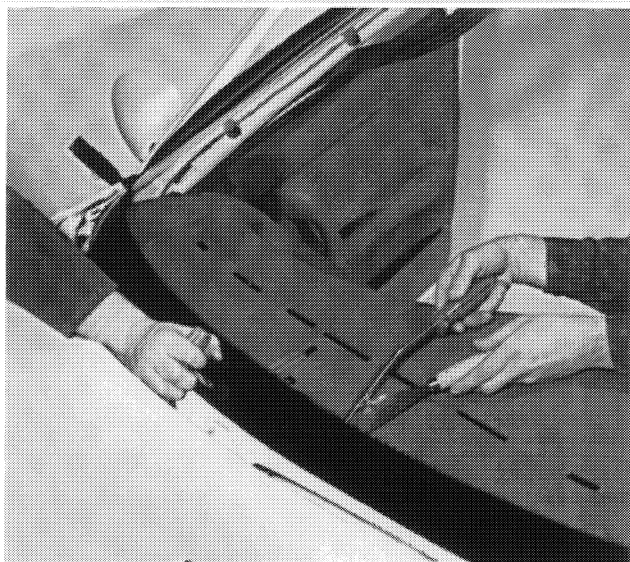
- remove the interior rear view mirror from its housing, extracting it upwards.



P3M059M02

NOTE Before starting the cutting procedure, create a protected area, using adhesive tape, along the edge of the front window glass housing, to prevent damaging the paintwork.

- cut a piece of wire about 50 cm long;
- introduce one end of the wire through the sealant, using a special needle;
- fix the end of the wire inside the vehicle to a special retaining tool and the other end to a handle;



P3M059M03

- suitably manoeuvre the wire from inside and outside the vehicle in order to cut the sealant along the entire perimeter of the window glass;



Take special care when cutting sections which are not straight.

70.

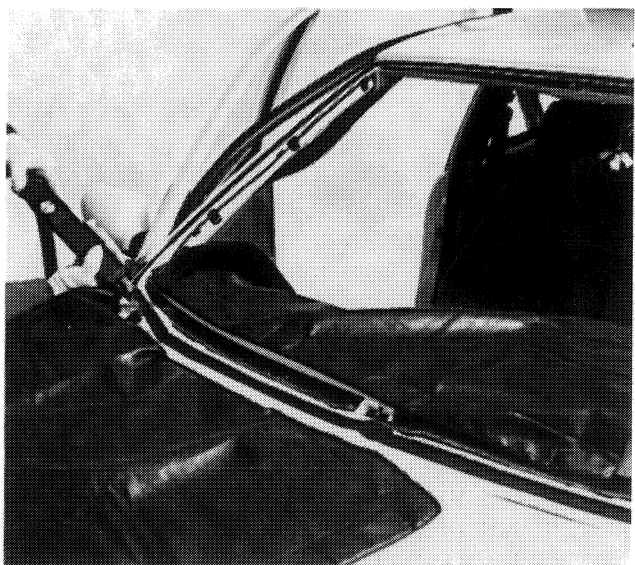


P3M060M01

- remove the window glass from its housing, using the special clamps;

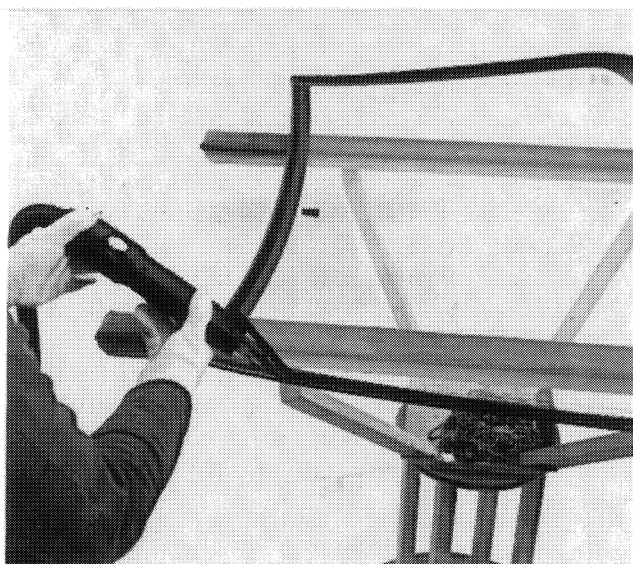


The help of a second operator is required to remove the window glass.



P3M060M02

- using a thermal knife and special blade, level the sealant remaining in the window glass housing in the vehicle;
- after the operation of levelling the sealant, the window glass housing must be thoroughly cleaned using compressed air and then completely degreased using heptane and disposable paper;



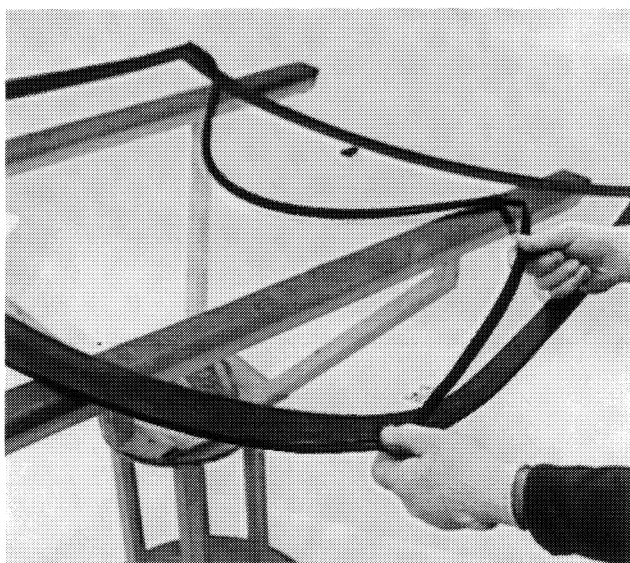
P3M060M03

NOTE *If the window glass is being refitted, all traces of the old sealant must be removed before applying the new sealant.*

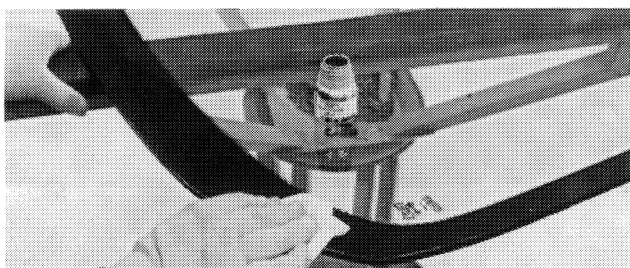
- remove the old sealant using the thermal knife and special blade;
- scrape the remaining residues of sealant using a special scraper, taking care not to damage the serigraphed area of the glass;



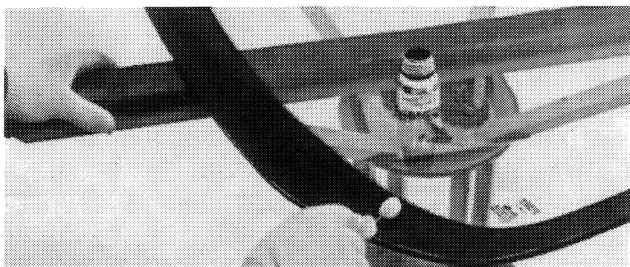
P3M061M01



P3M061M02



P3M061M03



P3M061M04

- after levelling the sealant, the serigraphed area of the window must be thoroughly de-greased using heptane and disposable paper;

- fit the trim along the perimeter of the window glass, avoiding touching the area which has been previously de-greased;

- clean the serigraphed area using a wad of paper soaked in de-greasing adhesive promoter (upper inset);
- using a special wad, apply the adhesive promoter taking care not to come outside the serigraphed area (lower inset);

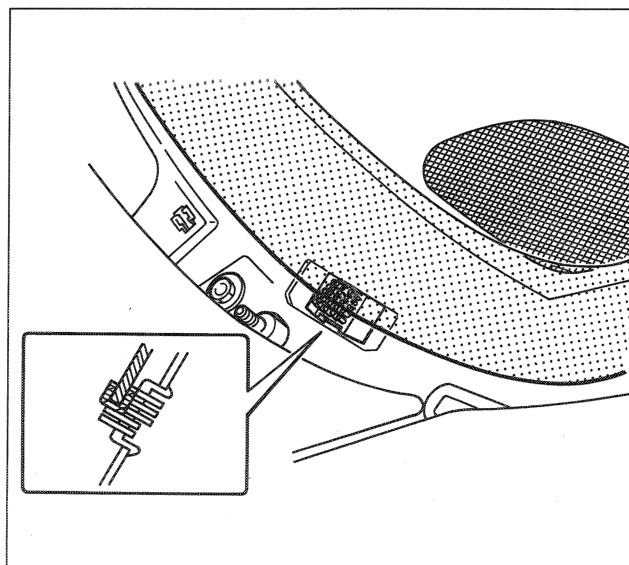
NOTE *Leave the adhesive promoter to dry at ambient temperature for at least 15 minutes and not more than 24 hours.*

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P3M060M01

- temporarily place the window glass in position using the special suction pads;



P3M409M02

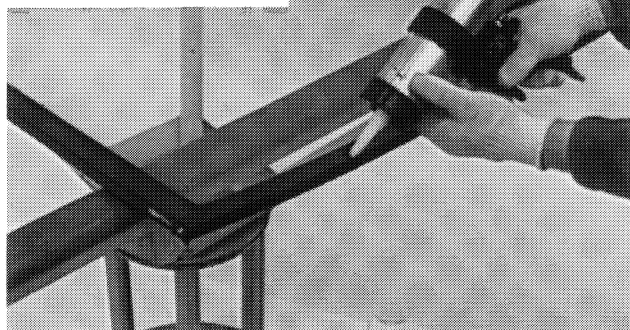
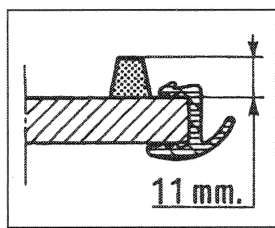
- check that the sliding retaining mountings, located in the lower part of the glass, keep the windscreen in the correct position;



P3M062M01

- when the glass is correctly aligned, mark the position of the glass and the housing with a strip of adhesive tape;
- cut the strips of adhesive tape and remove the window glass;

P3M063M02



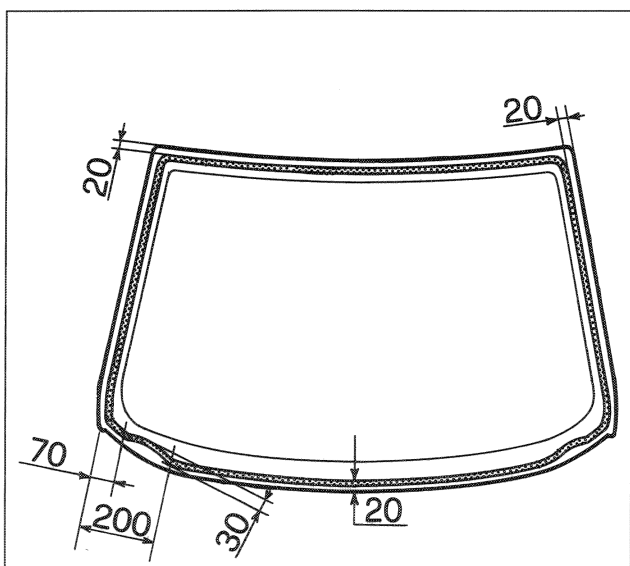
P3M063M01

- apply the sealant to the front window glass using a spray gun;

NOTE *Cut the plastic tapered nozzle for applying the sealant so that the sealant comes out as shown in the diagram.*



There should be neither too much nor too little adhesive, it should be even and the end should join up with the beginning forming a seal; any unevenness can be corrected using a piece of card.



P3M409M03

- apply the sealant dutifully following the dimensions given in the diagram at the side, to prevent the sealant from ending up on the retaining mountings.



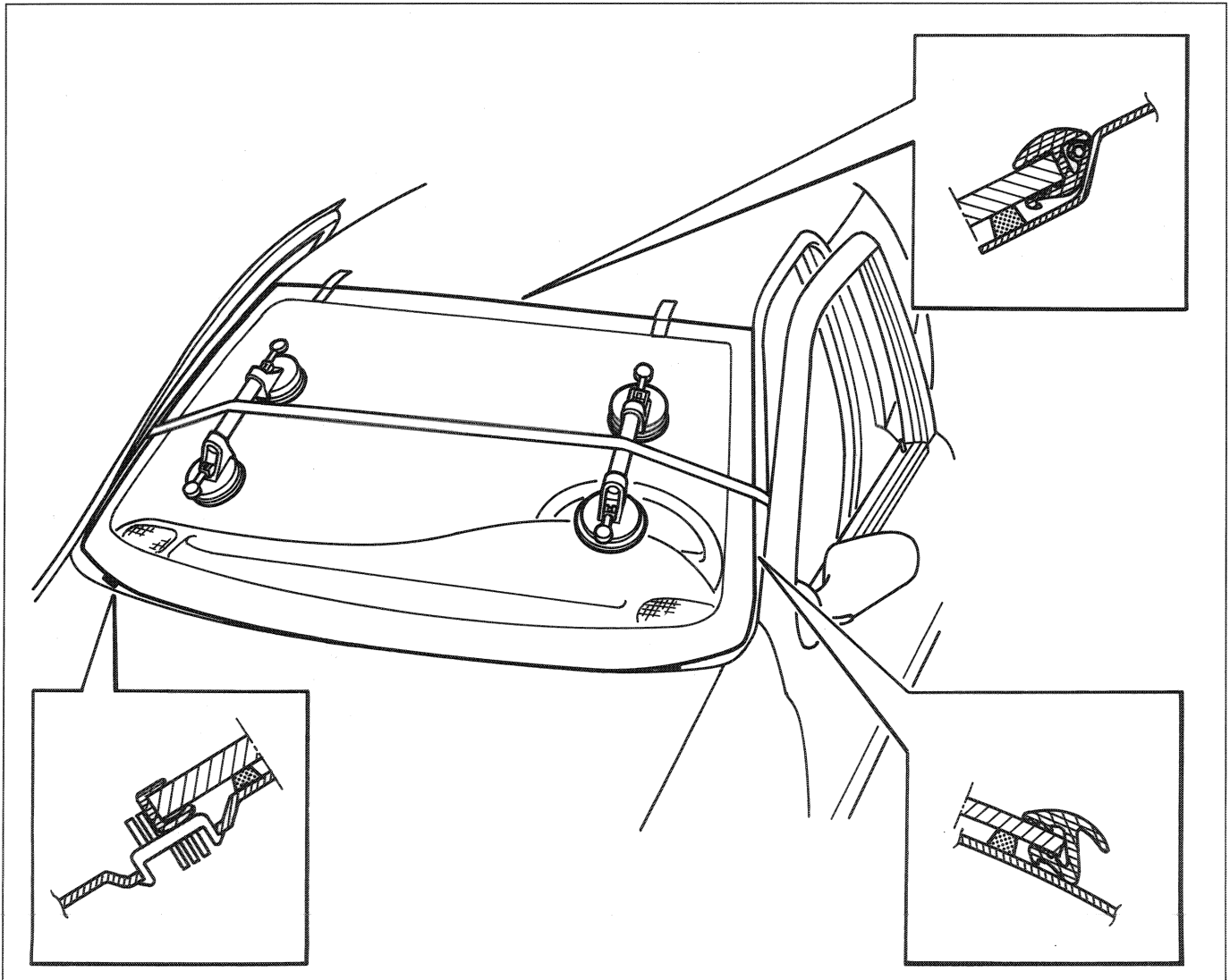
P3M060M01

- fit the window glass in place straight after applying the sealant;

70.

- Using appropriate belts and shims, exert slight pressure on the window glass so that the trim is correctly aligned with the pillars;
- keep the glass under pressure for at least 6 hours;

NOTE *During this period it is possible to let water run over the glass to locate any possible areas of penetration and accelerate the polymerization of the sealant.*



P3M410M01

- Eliminate any possible sealant overflowing inside the pillars when the sealant has hardened, cutting it with a blade and removing it with tweezers;

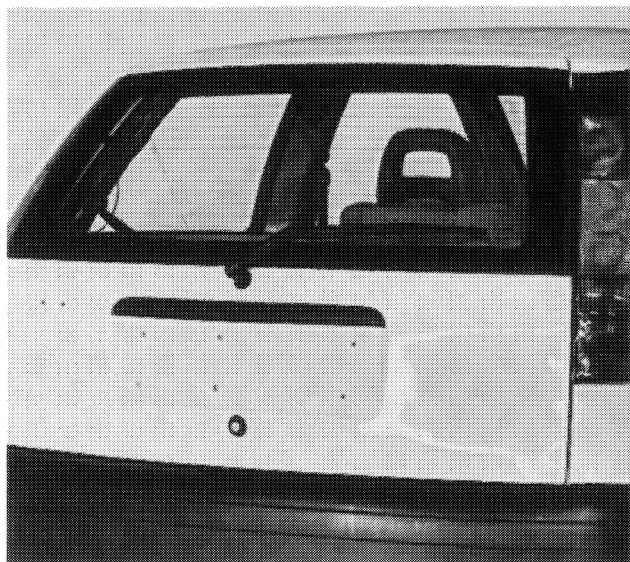


Take care not to damage the serigraphed area of the window with the blade.

- complete the fitting of the elements removed, reversing the order of the operations carried out for the removal, then clean the glass.



The vehicle should not be returned for at least 20 hours after the windscreen has been stuck.



P3M065M01



REPLACING REAR WINDOW GLASS (REARSCREEN)



Use a cloth to protect the luggage compartment and the parts which could be damaged during the cutting operations and fitting of the window glass.

Before starting the operations for replacing the window glass, disconnect the negative battery lead, remove the components which could cause an obstruction during the operations of replacing the window glass and, in particular:

- tailgate interior lining (page 22);
- rearscreen wiper arm (page 28);
- window glass interior and exterior perimeter trims.



P3M065M02

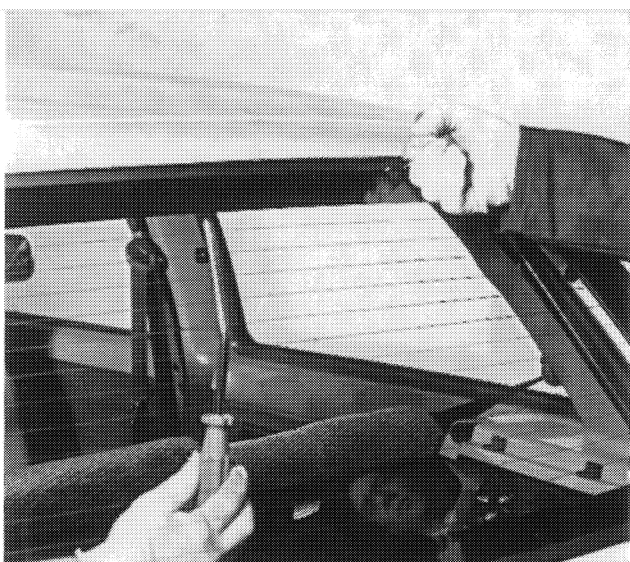


Order of operations



NOTE *Before starting the cutting procedure protect the edge of the window glass housing using adhesive tape to prevent damaging the paintwork.*

- cut a piece of wire about 50 cm long;
- introduce one end of the wire through the sealant, using a special needle;
- fix the end of the wire inside the vehicle to a special retaining tool and the other end to a handle;



P3M065M03

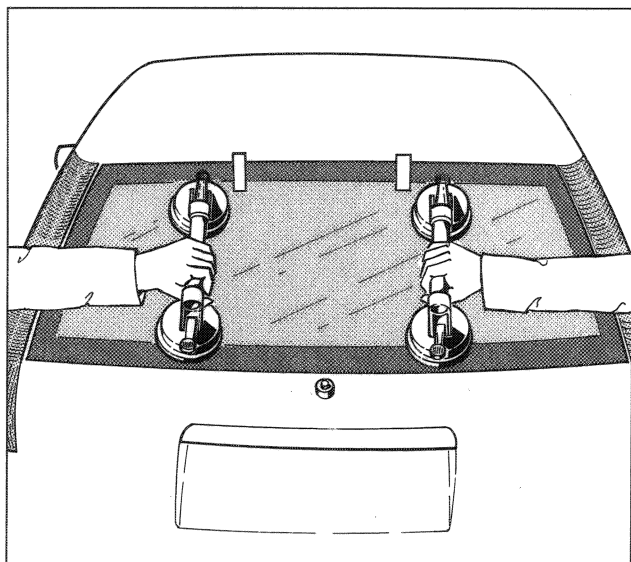


- suitably manoeuvre the wire from inside and outside the vehicle to cut the sealant along the entire perimeter of the window glass;



Take special care when cutting the sections which are not straight.

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P3M066M01

- when refitting the window glass, mark the position on the housing with strips of adhesive tape;
- cut the strips of adhesive tape and remove the window glass from the housing, using the special suction pads;

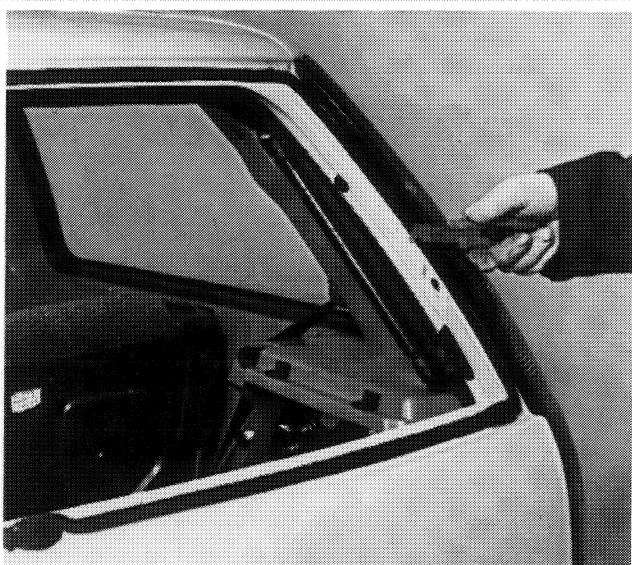


A second operator is needed to remove the window glass.



P3M066M02

- using the thermal knife and special blade, level the sealant remaining in the window glass housing in the vehicle;



P3M066M03

- scrape the remaining residues of sealant using a special scraper, taking care not to damage the window glass housing;



P3M067M01

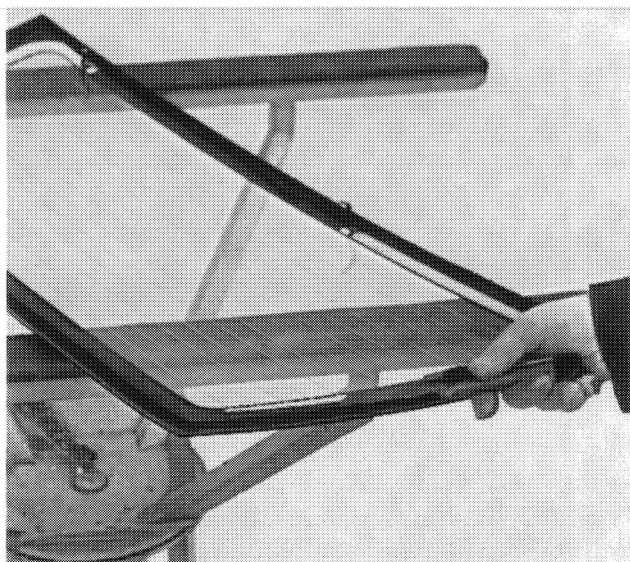
- after levelling the sealant thoroughly clean the window glass housing using compressed air and then degrease it using heptane and disposable paper;



P3M067M02

NOTE *When refitting the window glass, remove the traces of old sealant before applying the new sealant.*

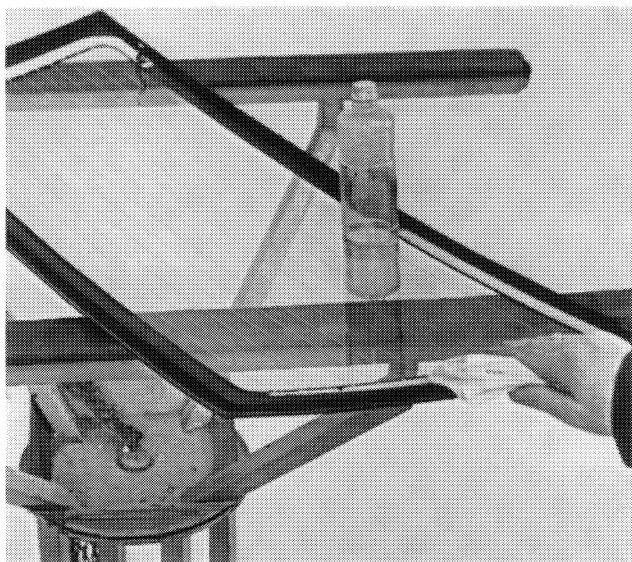
- remove the old sealant using the thermal knife with the appropriate blade;



P3M067M03

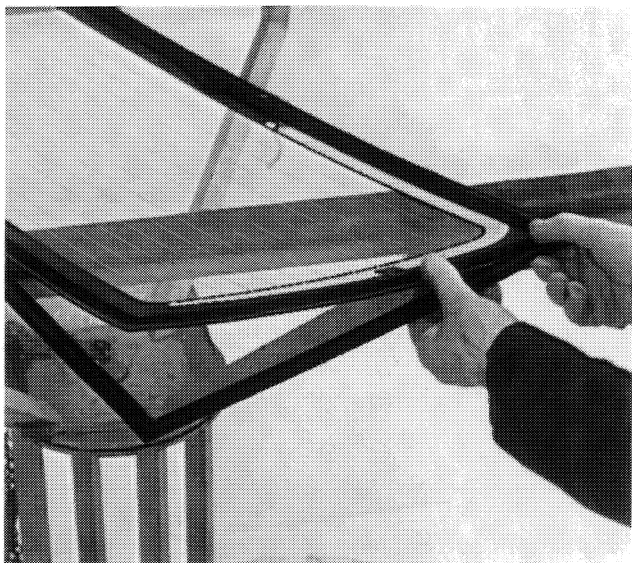
- scrape the remaining residues of sealant using a special scraper, taking care not to damage the serigraphed area of the window glass;

70.



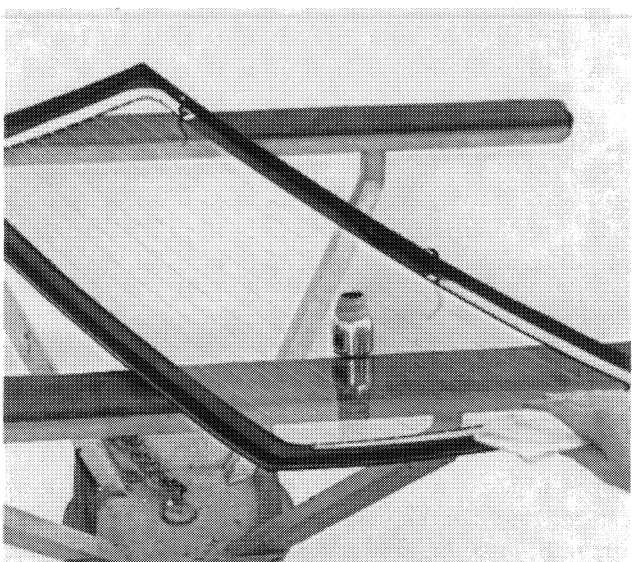
P3M068M01

- after levelling the sealant thoroughly degrease the serigraphed area of the window glass using heptane and disposable paper;



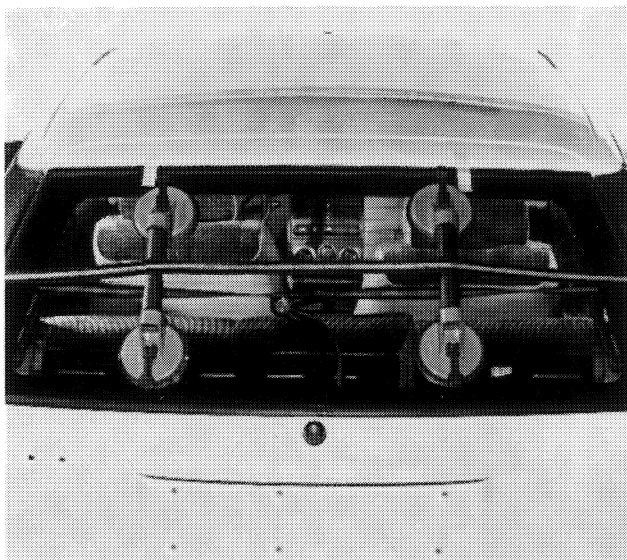
P3M068M02

- fit the trim along the perimeter of the window glass, avoiding touching the previously degreased area;



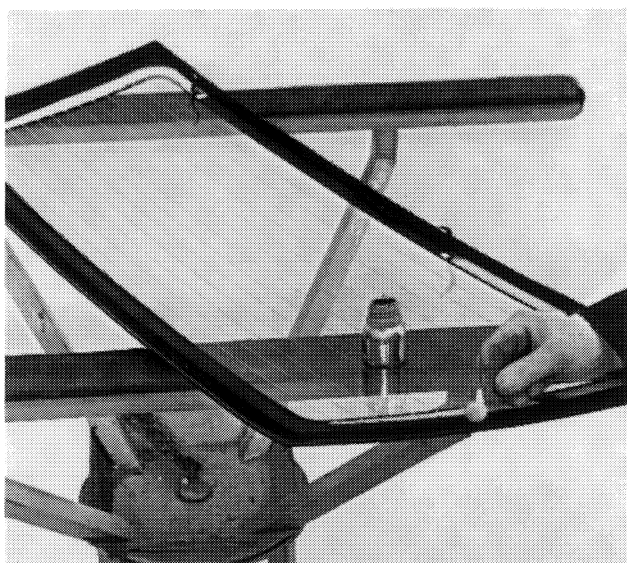
P3M068M03

- using disposable paper, apply the degreasing adhesion promoter to the serigraphed area of the window glass;



P3M069M01

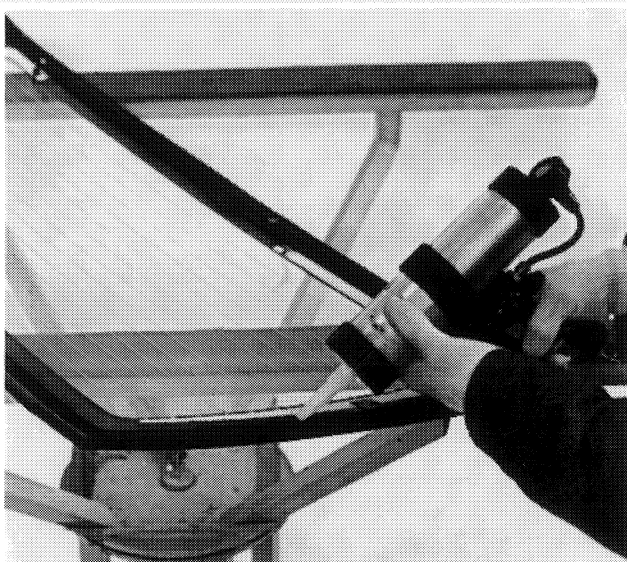
- temporarily place the window glass in position using the special suction pads;
- when the window glass is correctly aligned, mark the position on the housing using strips of adhesive tape;
- cut the strips of adhesive tape and remove the window glass;



P3M069M02

- using a special wad, apply the adhesion promoter taking care not to come outside of the serigraphed area;

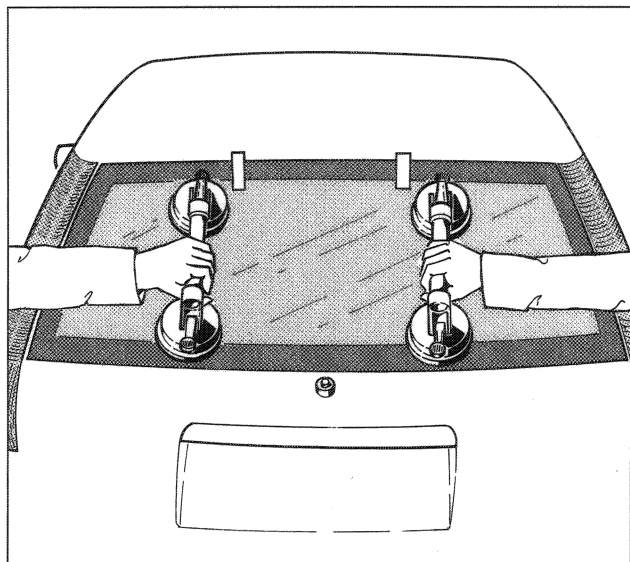
NOTE *Leave the adhesion promoter to dry at ambient temperature for at least 15 minutes and for no longer than 24 hours.*



P3M069M03

- using a spray gun, apply the sealant to the window glass, following the instructions given for the front window glass (see page 63);

70.



- fit the window glass in place using the special suction pads;
- using appropriate belts and shims, exert slight pressure on the window glass so that it is correctly aligned with the tailgate;
- keep the glass under pressure for at least 6 hours;

NOTE *During this period it is possible to let water flow over the window glass to locate any possible areas of penetration and accelerate the polymerization of the sealant.*

- eliminate any possible sealant which has overflowed inside the pillars when the sealant has hardened, cutting it with a blade and removing it using tweezers;

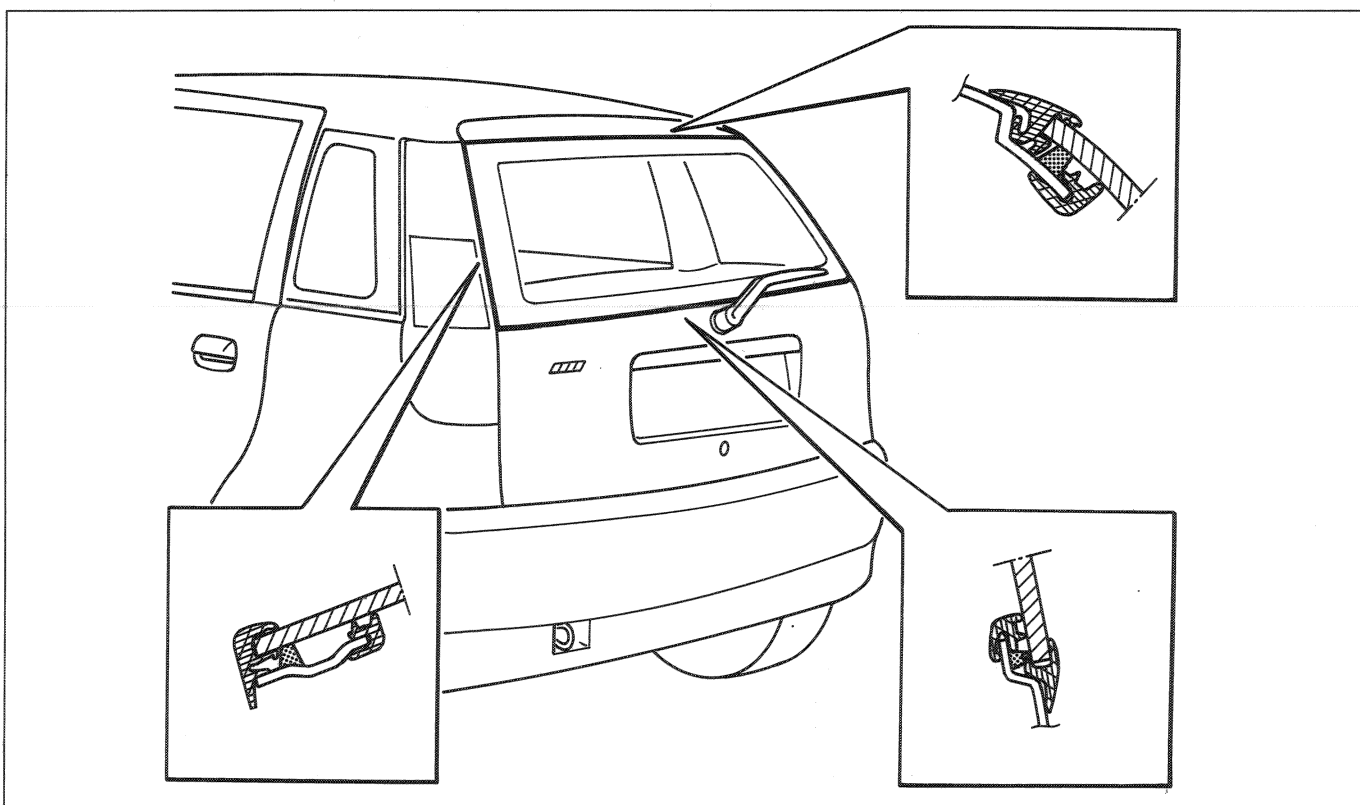


Take care not to damage the serigraphed area of the window glass with the blade.

- complete the refitting of the removed elements, reversing the order of the operations carried out for the removal, then clean the window glass.



The vehicle should not be returned for at least 20 hours after the rearscreen has been stuck.

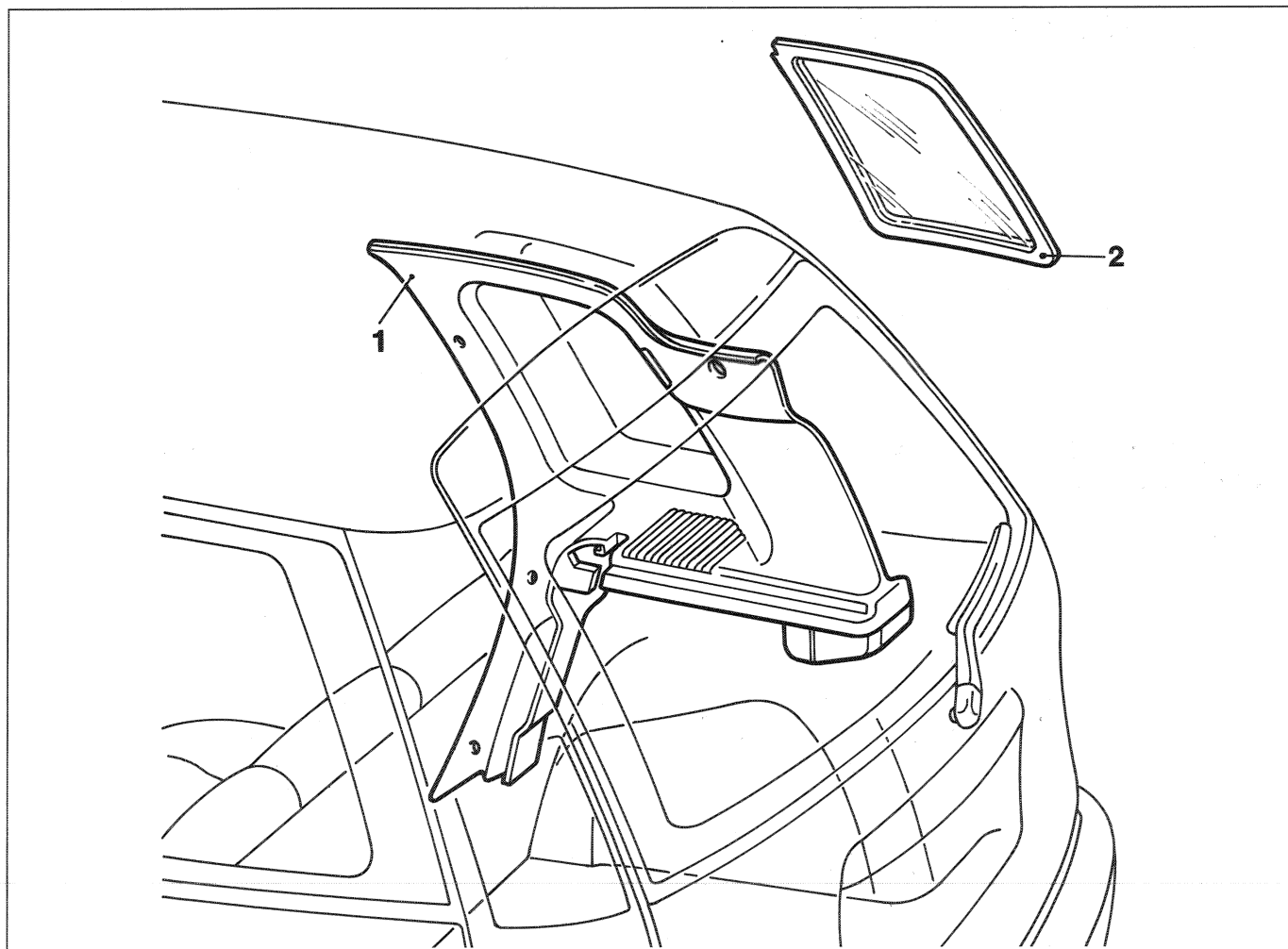


Sections of rear window glass

P3M411M01

REPLACING THIRD FIXED WINDOW**Preliminary operations**

- Remove the pillar inner cover;
- protect the perimeter of the third window housing with adhesive tape;
- cover the seats with a cover or paper.



P3M406M01

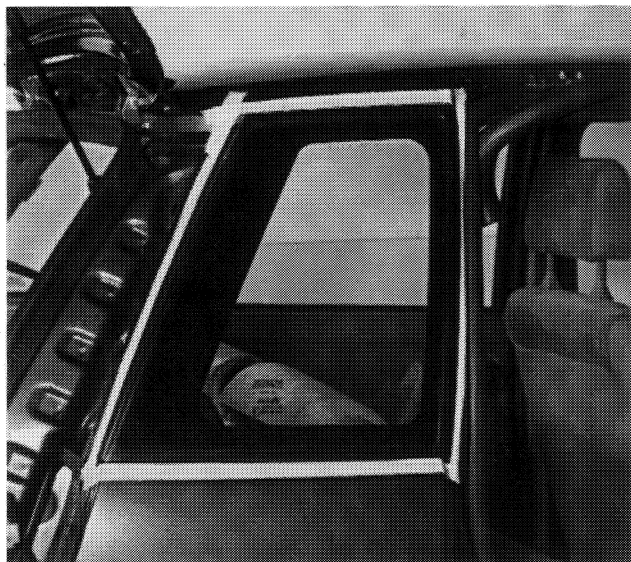
1. Rear pillar cover
2. Fixed third window

NOTE *The third window trim is vulcanized and is therefore forms one piece with the glass.*

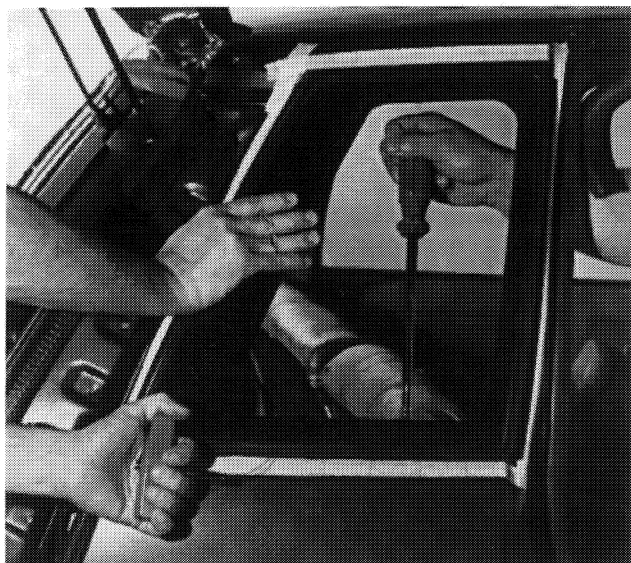


This glass should be preferably be removed from inside the vehicle using a suitable blade to avoid scratching the paintwork.

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P3M072M01



P3M072M02



P3M072M03

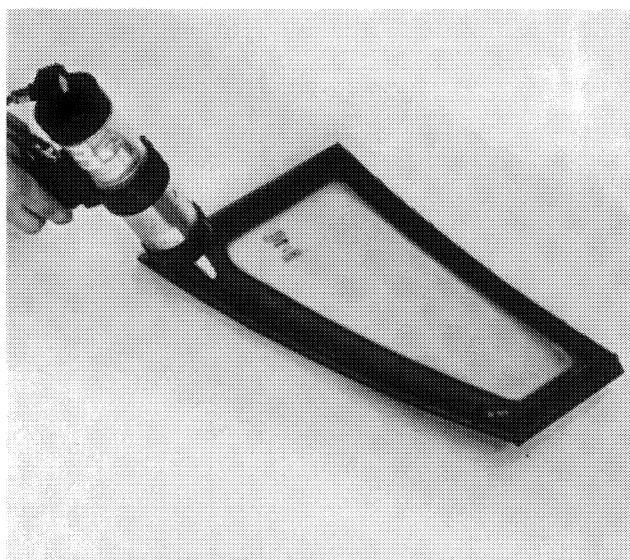
Order of operations

- Before starting the cutting procedure it is necessary to protect the edge of the window glass housing, using adhesive tape, to prevent damaging the paintwork;
- cut a piece of wire about 40 cm long;
- introduce one end of the wire into the sealant, using a special needle;
- fix the end of the wire inside the vehicle to a special retaining tool and the other end to the handle;
- suitably manoeuvre the wire from inside and outside the vehicle in order to cut the sealant along the entire perimeter of the window glass;
- remove the window from the vehicle;



Take special care when cutting sections which are not straight.

- using the thermal knife and special blade, level the sealant remaining in the window glass housing;
- scrape the remaining residues of sealant using a special scraper, taking care not to damage the window glass housing;



P3M073M01

- after levelling the sealant, thoroughly degrease the serigraphed area of the window glass using heptane and disposable paper;
- apply the sealant to the window glass using a spray gun, following the instructions for the front window glass (see page 63);



P3M073M02

- fit the window glass in place using the special suction pads;



P3M073M03

- using suitable belts and shims, exert slight pressure on the window glass so that it is correctly aligned with the bodywork;
- keep the glass under pressure for at least 6 hours;

70.

NOTE *During this period it is possible to let water flow over the glass to locate any possible areas of penetration and accelerate the polymerization of the sealant.*

- eliminate any possible sealant which has overflowed into the inside of the pillars when the sealant has hardened, cutting it with a blade and removing it with tweezers;

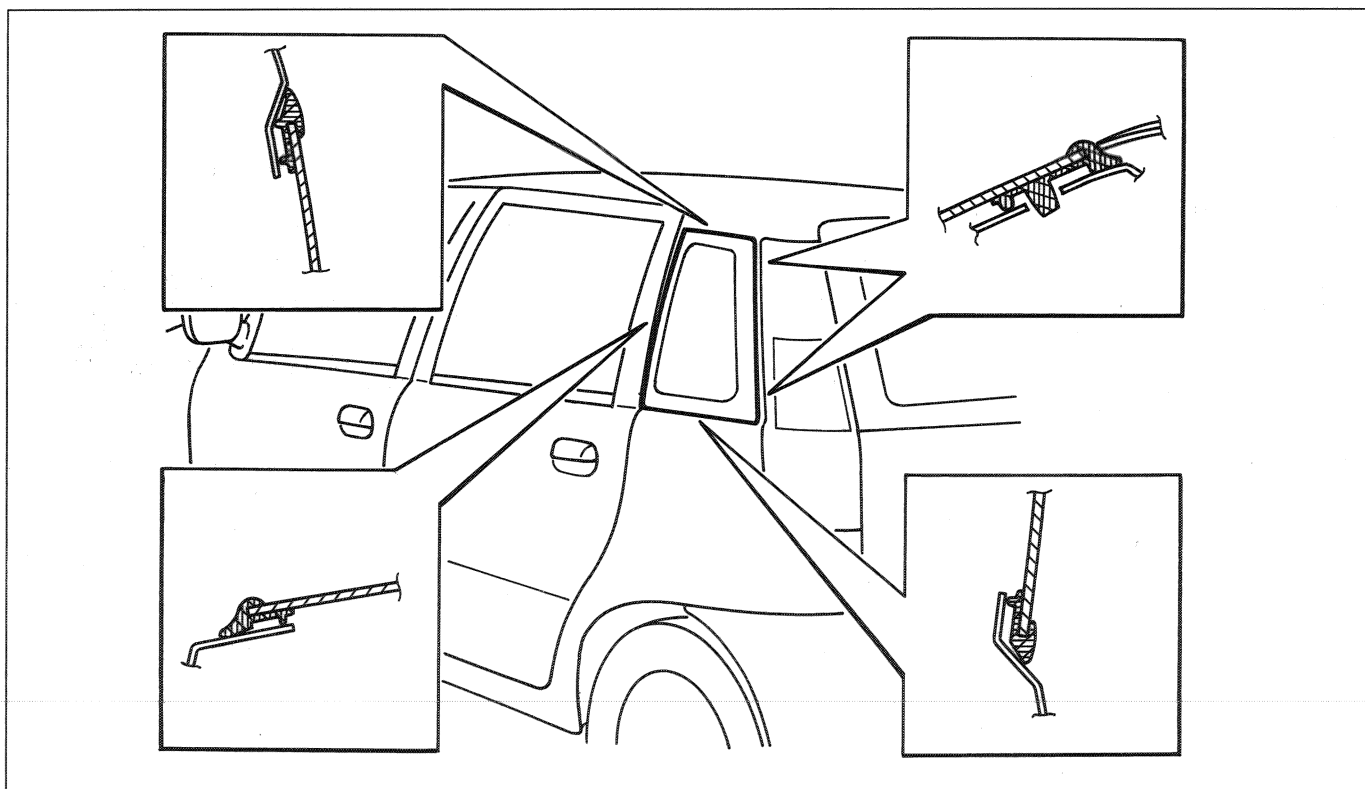


Take care not to damage the serigraphed area of the glass with the blade.

- complete the refitting of the removed elements, reversing the order of the operations carried out for the removal, then clean the glass.



The vehicle should not be returned for at least 20 hours after the glass has been stuck.

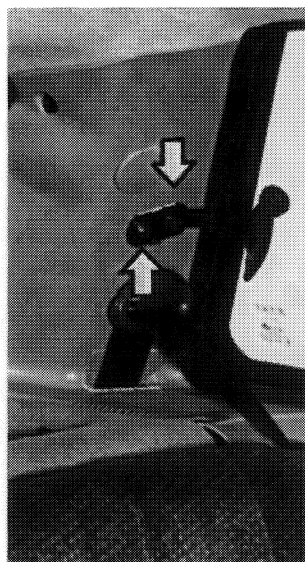


P3M411M02

Sections of third fixed window



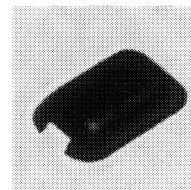
P3M075M01



P3M075M02

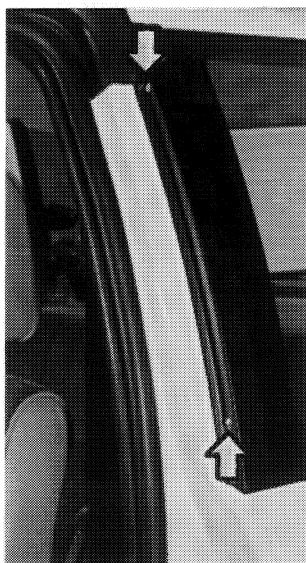


REMOVING-REFITTING HINGED OPEN- ING WINDOW

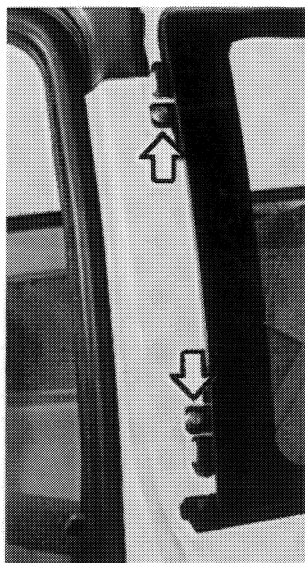


P3M075M03

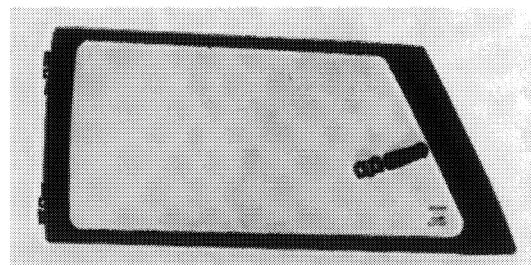
- Remove the fixing cover trim (left inset);
- undo the fixing bolts underneath for the window opening device on the rear pillar (right inset);



P3M075M04



P3M075M05



P3M075M06

- remove the hinge cover trim, acting on the bolts shown in the left inset;
- loosen the fixing bolts shown in the right inset, then remove the window glass from the vehicle;

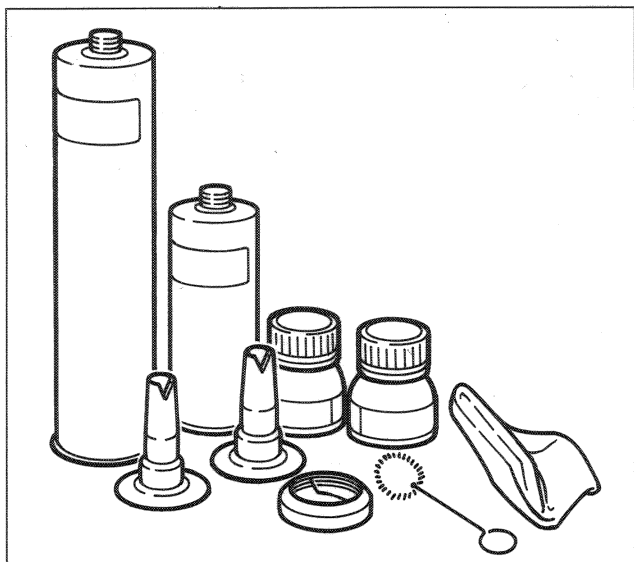


P3M075M07



- when refitting, suitably reverse the order of the operations carried out for the removal.

70.



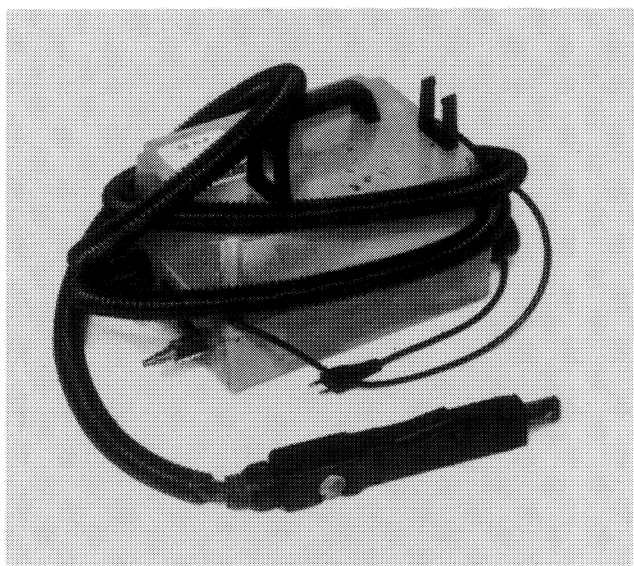
P3M407M01



COMPONENTS AVAILABLE AS SPARES

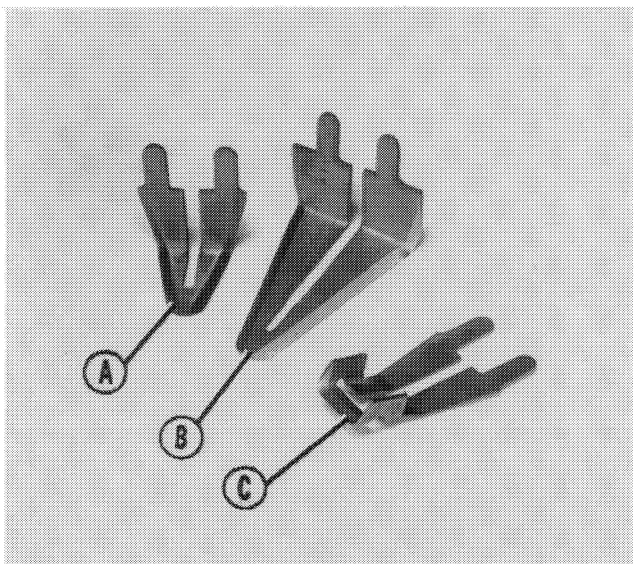
Composition of sticking Kit

- GURIT BETASEAL sealant cartridge
- 1/2 cartridge of GURIT BETASEAL sealant
- Adhesion promoter (primer for glass)
- Degreasing product
- Cloth for degreasing
- Wad for applying adhesion promoter (primer)
- Wire
- N° 2 diffusers



P3M076M01

Thermal blade to be used for cutting and levelling sealant



P3M076M02

Blades used for cutting and levelling sealant

- A. Blade used for cutting sealant along the perimeter of the window glass
- B. Blade used for cutting sealant in the corners of the window glass
- C. Blade used for levelling sealant