

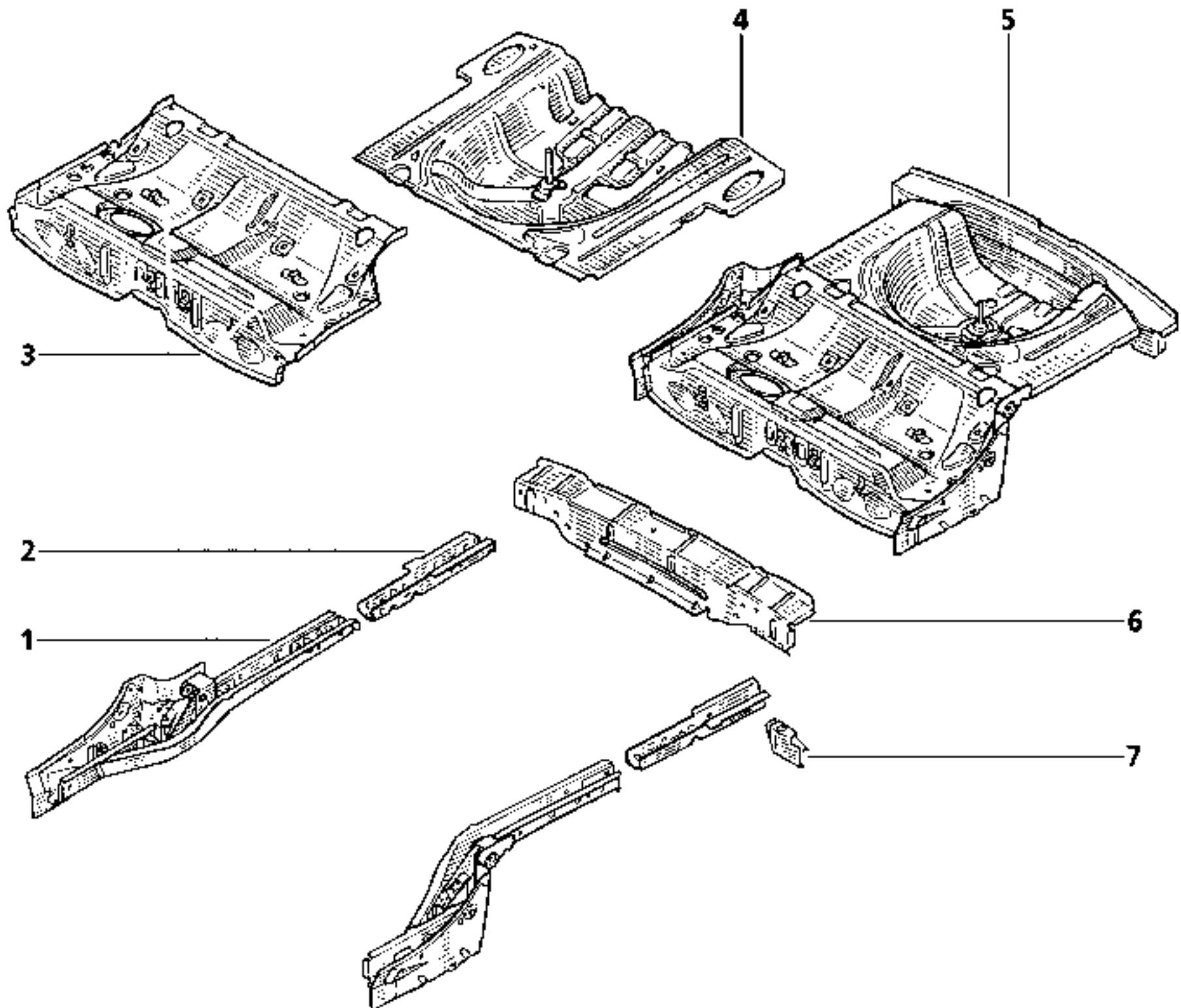
10614R

* Unladen

** Depending on version

Dimensions in metres.

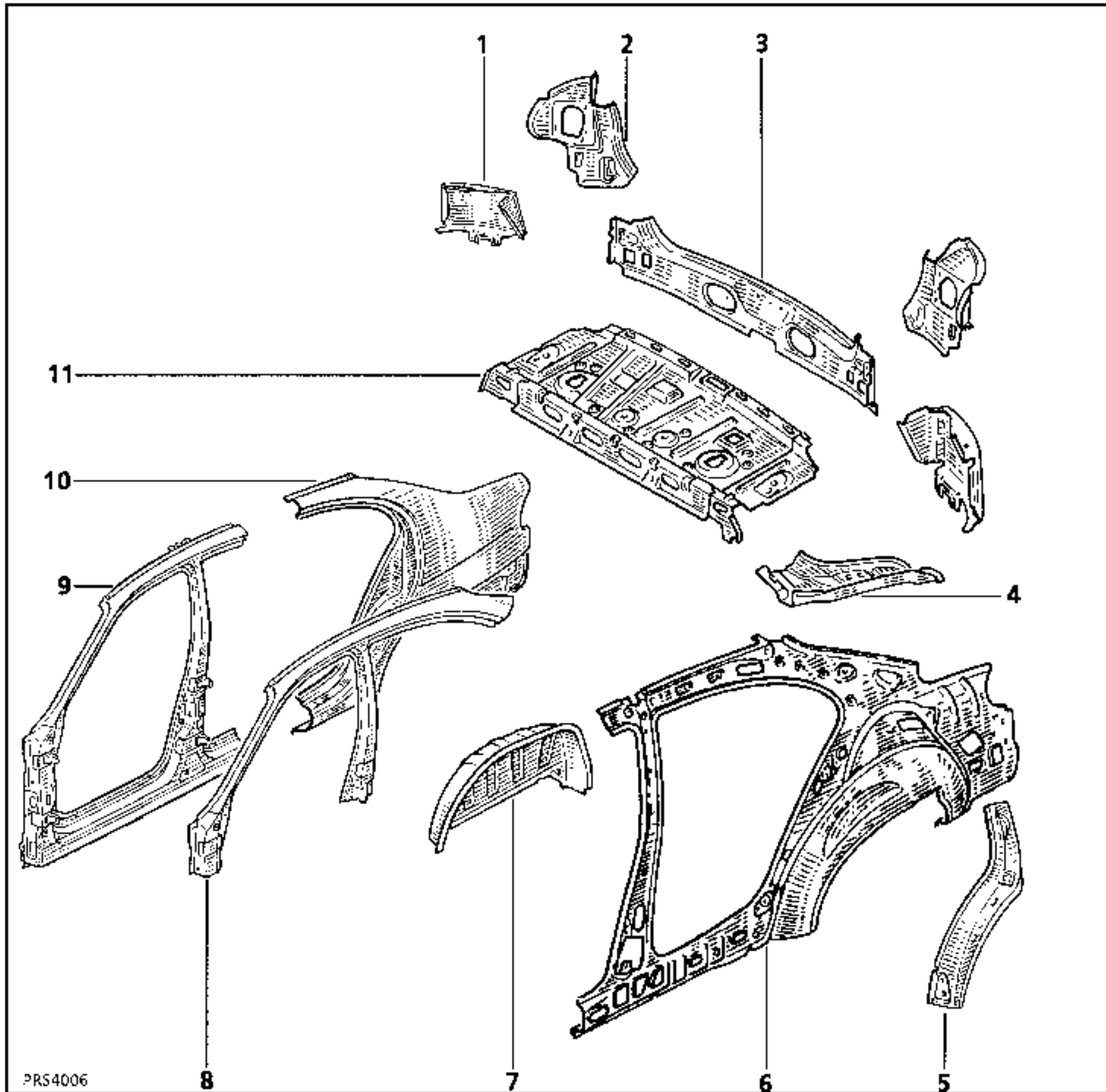
SUB-FRAME



PRS4003

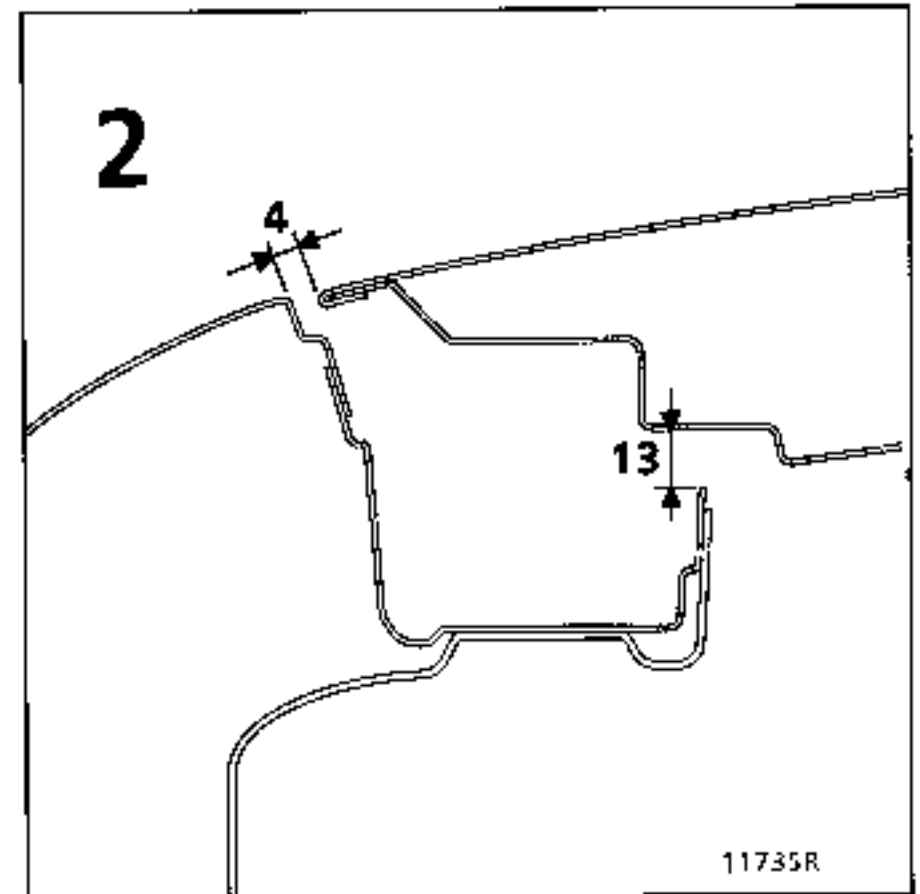
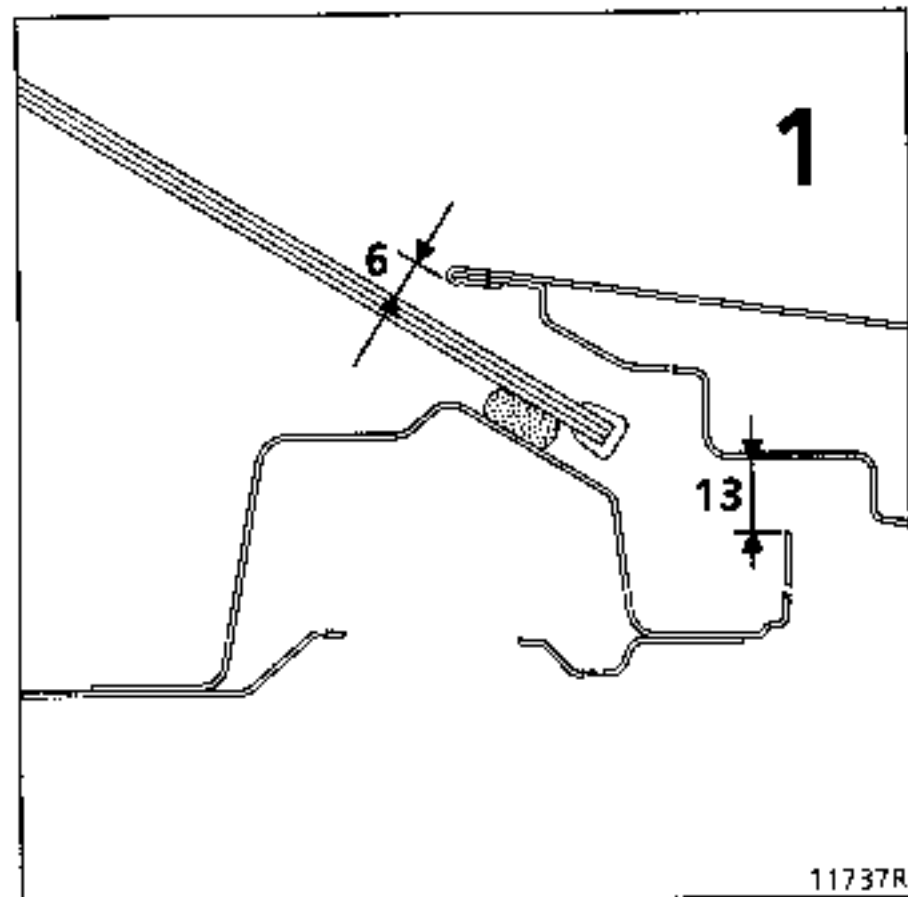
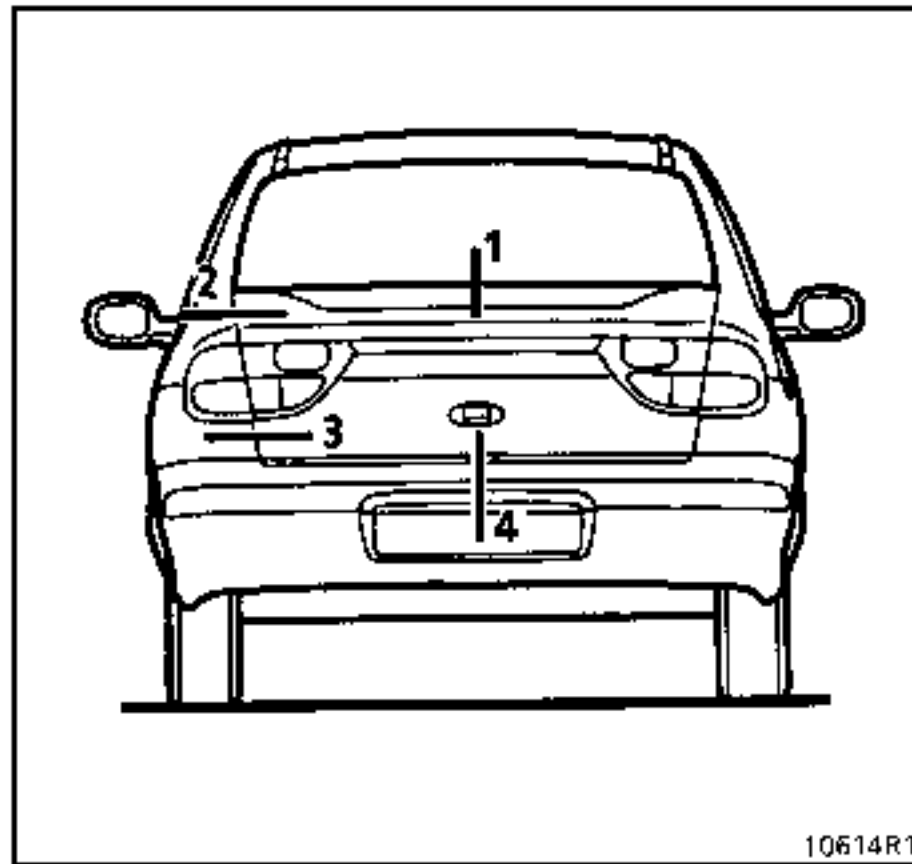
- 1 Rear side member assembly
- 2 Rear side member extension
- 3 Rear floor, front section
- 4 Rear floor, rear section
- 5 Rear floor unit
- 6 Rear end cross member
- 7 Connecting gusset

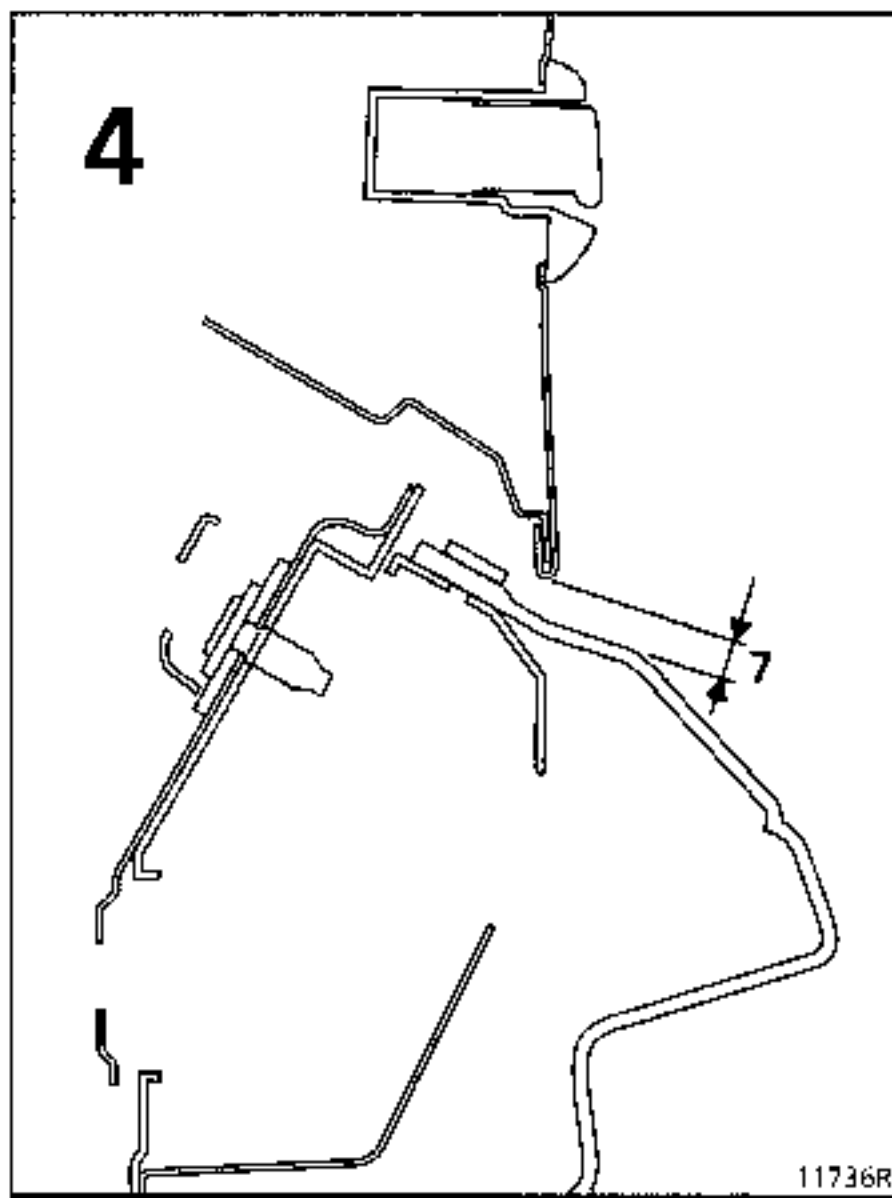
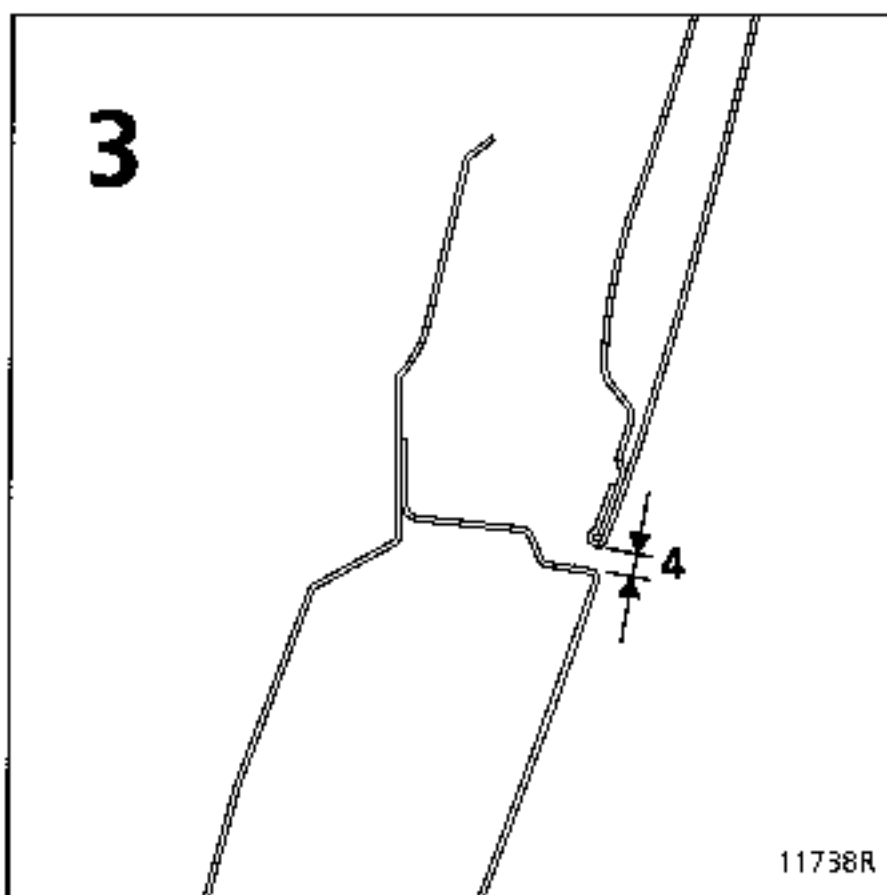
SUPERSTRUCTURE

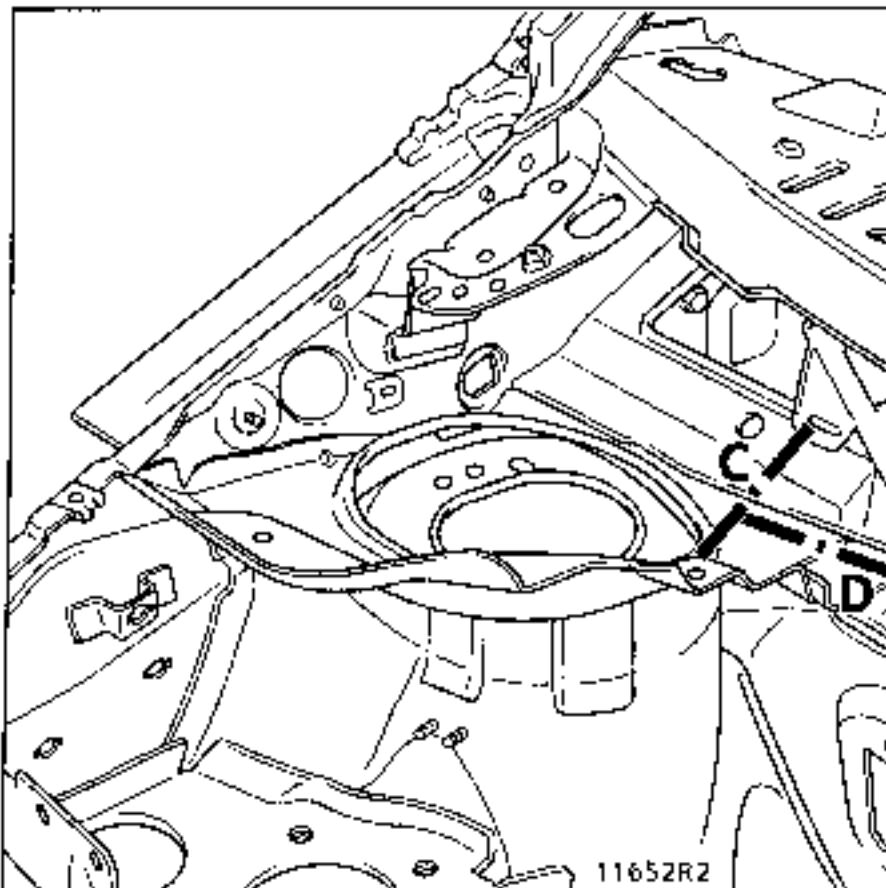




PRS4006

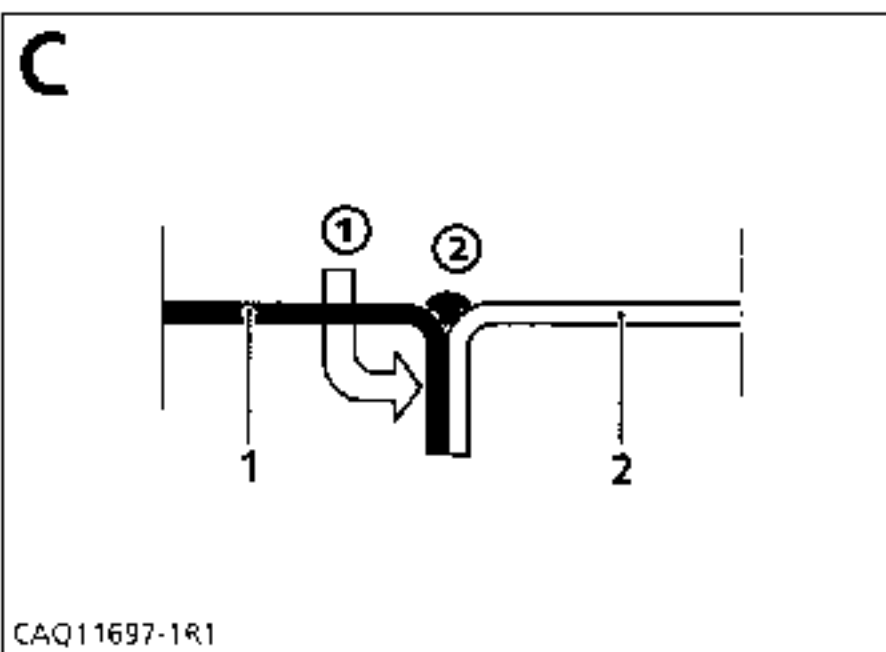
- | | | | |
|---|---------------------------|----|--------------------------|
| 1 | Wing panel extension | 7 | Inner wheel arch |
| 2 | Lights mounting | 8 | Body top panel |
| 3 | Rear end panel assembly | 9 | Body side, front section |
| 4 | Wing panel drip moulding | 10 | Wing panel |
| 5 | Rear pillar reinforcement | 11 | Centre rear shelf |
| 6 | Rear quarter panel lining | | |




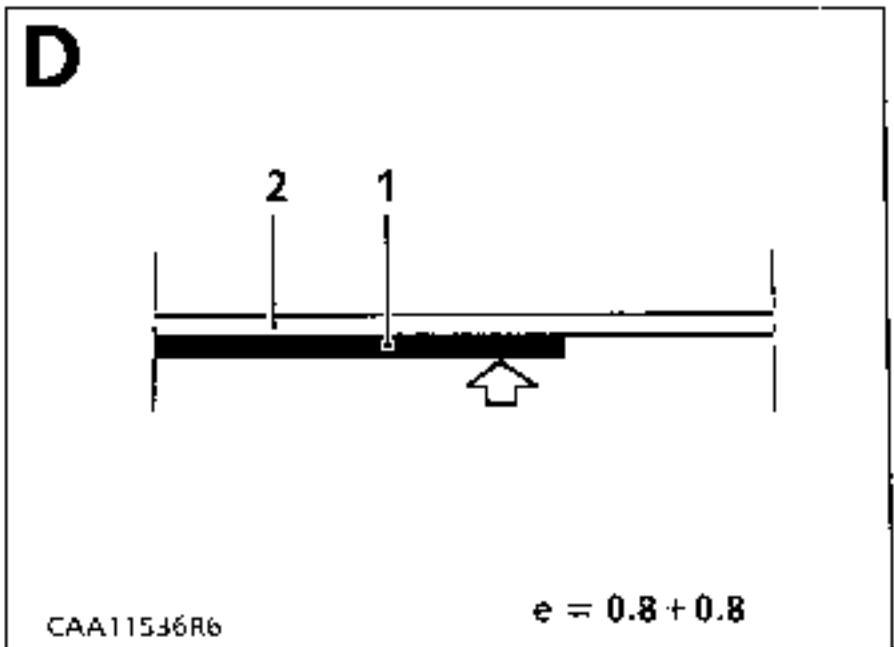





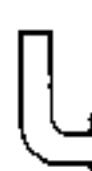
-  Cutting line for drawing below.
-  The dot marks the exact location of the joint.
- C** The letter denotes the drawing corresponding to the section (see below).



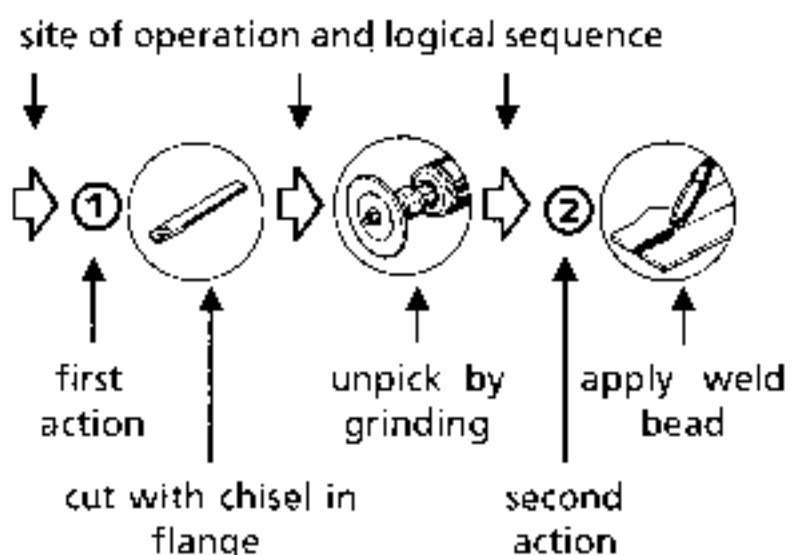
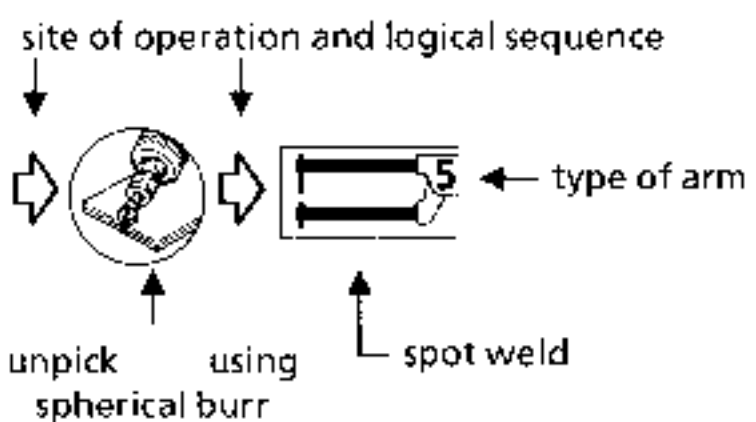
-  The black part will be removed in the operation.
- 1 and 2** are references of parts corresponding to the list on the introductory page.



- $e = 0.8 \times 2$ are the thicknesses of sheets to be spot welded

-  This arrow shows the access side for unpicking the spot welds.
-  This arrow shows that the part which the arrow crosses must be cut out before the join is reached.

They also show the logical sequence of operations for the symbols below.



Before repairing the bodywork of a vehicle, even that which appears to have been only slightly damaged, a series of checks must be carried out:

• VISUAL INSPECTION

This inspection entails the examination of the vehicle sub-frame where mechanical components are mounted and in crumple zones or vulnerable areas to detect folds where materials have been deformed.

• INSPECTION USING TRAMMEL GAUGE

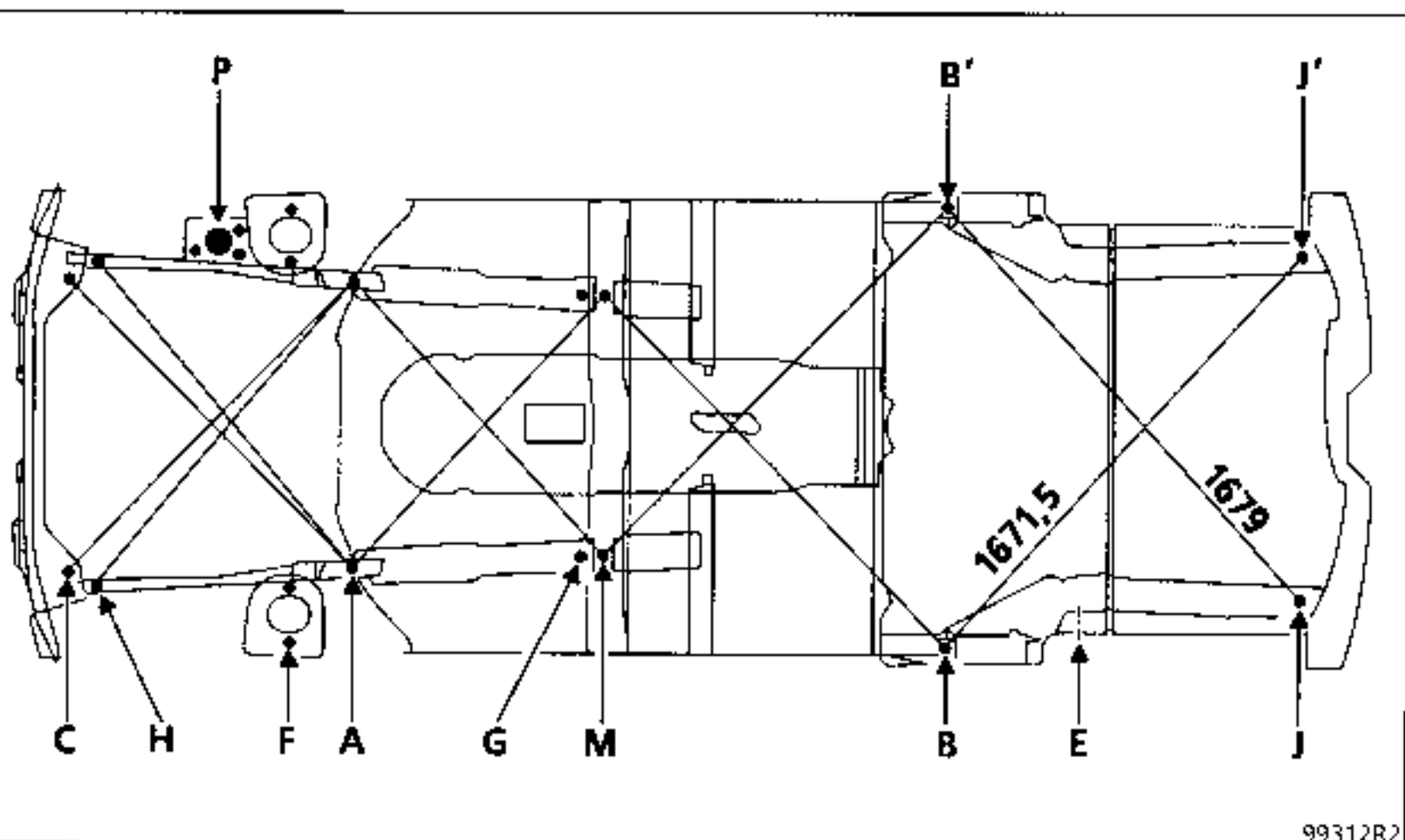
The visual inspection is completed by a check using a trammel gauge which allows measurement of certain deformations by symmetrical comparisons (for more details on each point to check, refer to the repair bench section below).

• INSPECTION USING AXLE ASSEMBLY GEOMETRY

This is the only check which determines whether the impact suffered by the vehicle has or has not affected its road holding.

Important : in borderline cases remember to check the axle assembly components which could also have been subject to deformation.

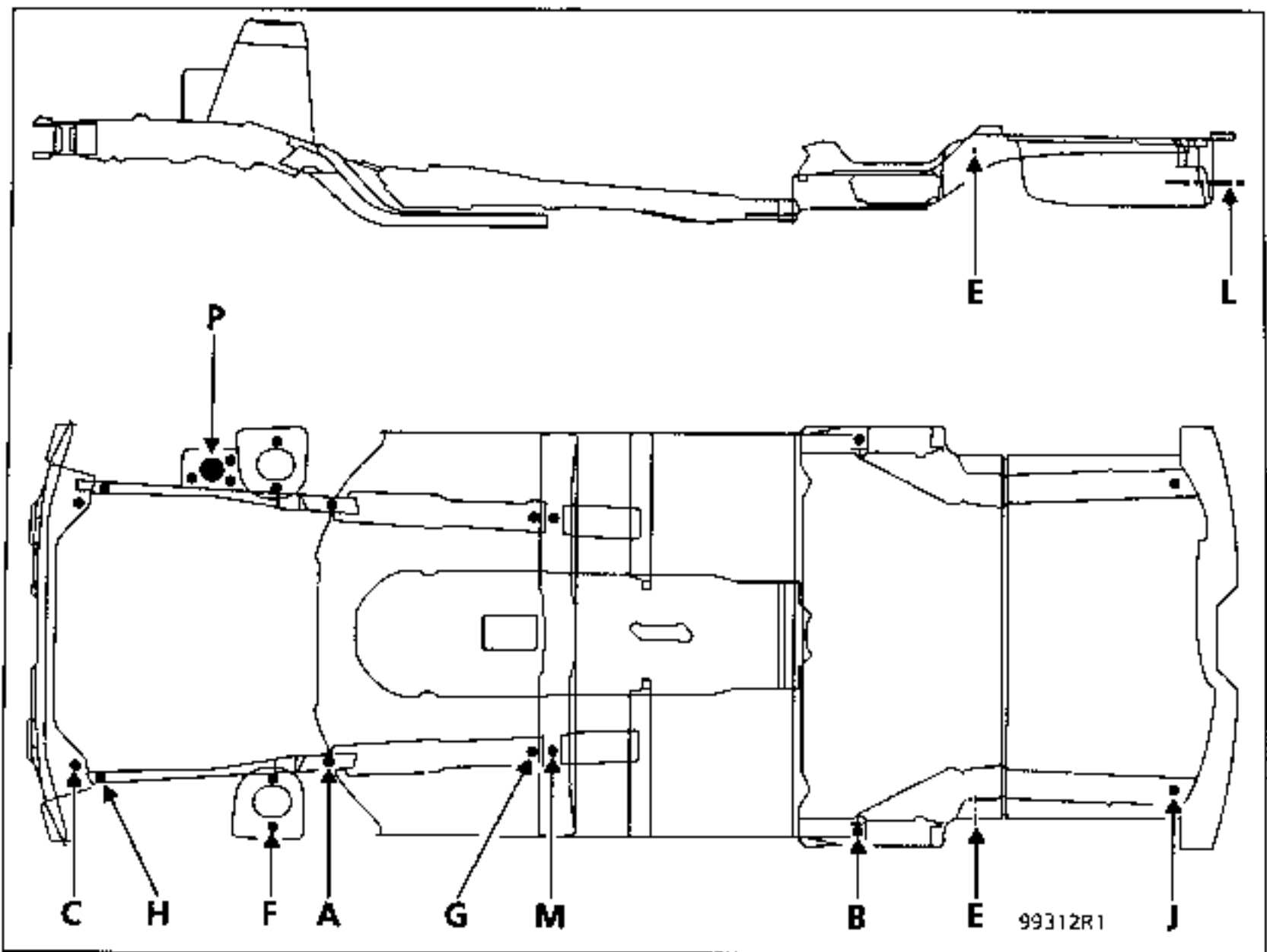
In principle, no welded component in the bodysheet should be replaced without having ensured that the sub-frame was not affected by the impact.



99312R2

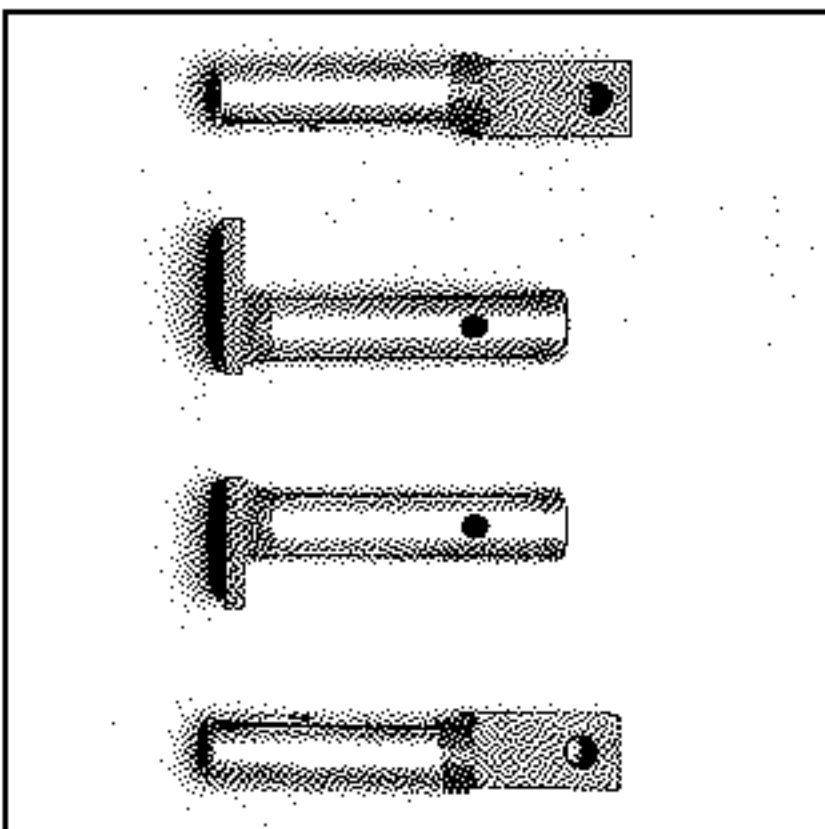
* Diagonals : BJ' and B'J are not symmetrical

	DESCRIPTION	X	Y	Z	DIAMETER	ANGLE °
A	Front sub-frame rear mounting	203	402.5	71	M12	0
B	Rear axle assembly front mounting	1966	634.12	70	M12	0
C	Front sub-frame front mounting	- 593	412	237.5	M10	0
E	Rear shock absorber support mounting	2 194	503.2 (65)	259	M14	Y : 90°
F	Front shock absorber support mounting (interior)	15.7	477.8	636.7	8.5	X : 3°45 Y : 7°
	Front shock absorber support mounting (exterior)	5.5	610.8	654.2	8.5	X : 3°45 Y : 7°
G	Front side member, rear end	880	369	7	18.5	X : 1°
H	Front side member, front end	- 547.5	467.4	236.5	10.2 × 12.2	0
J	Rear left side member, rear end	3 200	493.5	232	12.2	0
	Rear right side member, rear end	3 210	493.5	232	14.5	0
L	Left hand rear end cross member (end panel)	3 293.2	394.5	170	14.25	X : 90° Y : 10°15
	Right hand rear end cross member (end panel)	3 284.5	397	170	14.25	X : 90° Y : 12°30
M	Cross member under centre floor	937	375	1.5	14.5	0
P	Front engine mounting	247	483.5	514	M10	0
	Rear engine mounting	113	483.5	514	M10	0



PART NUMBERS FOR SPECIAL TOOLING

BLACKHAWK

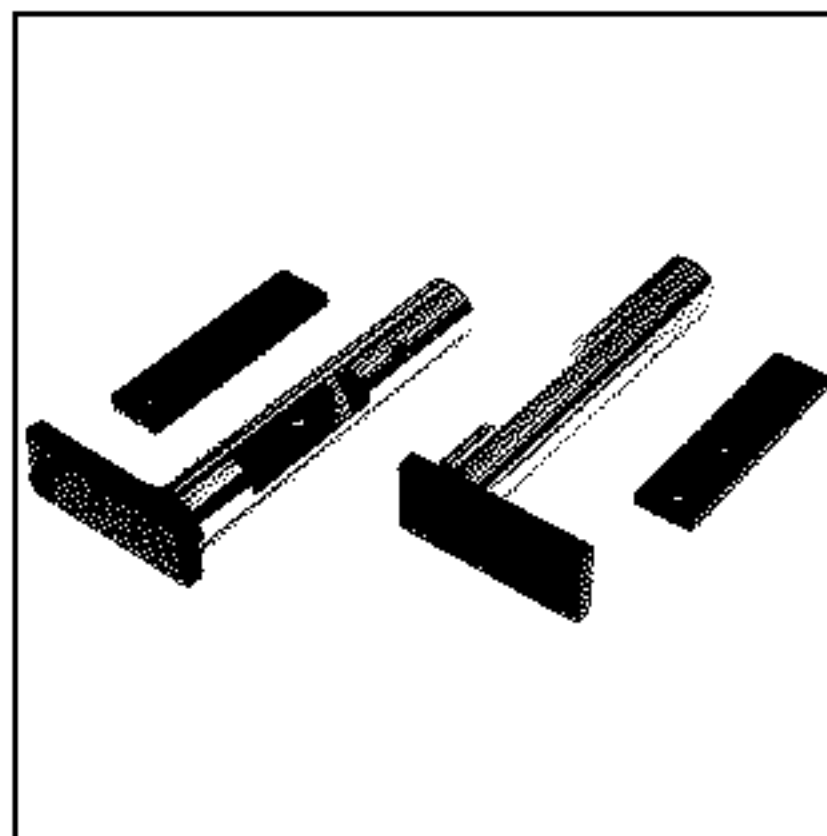


Special heads for **System MS**

Order from: Consult your After Sales Head Office.

Supplier's Part Number: REN 87 996

CELETTE

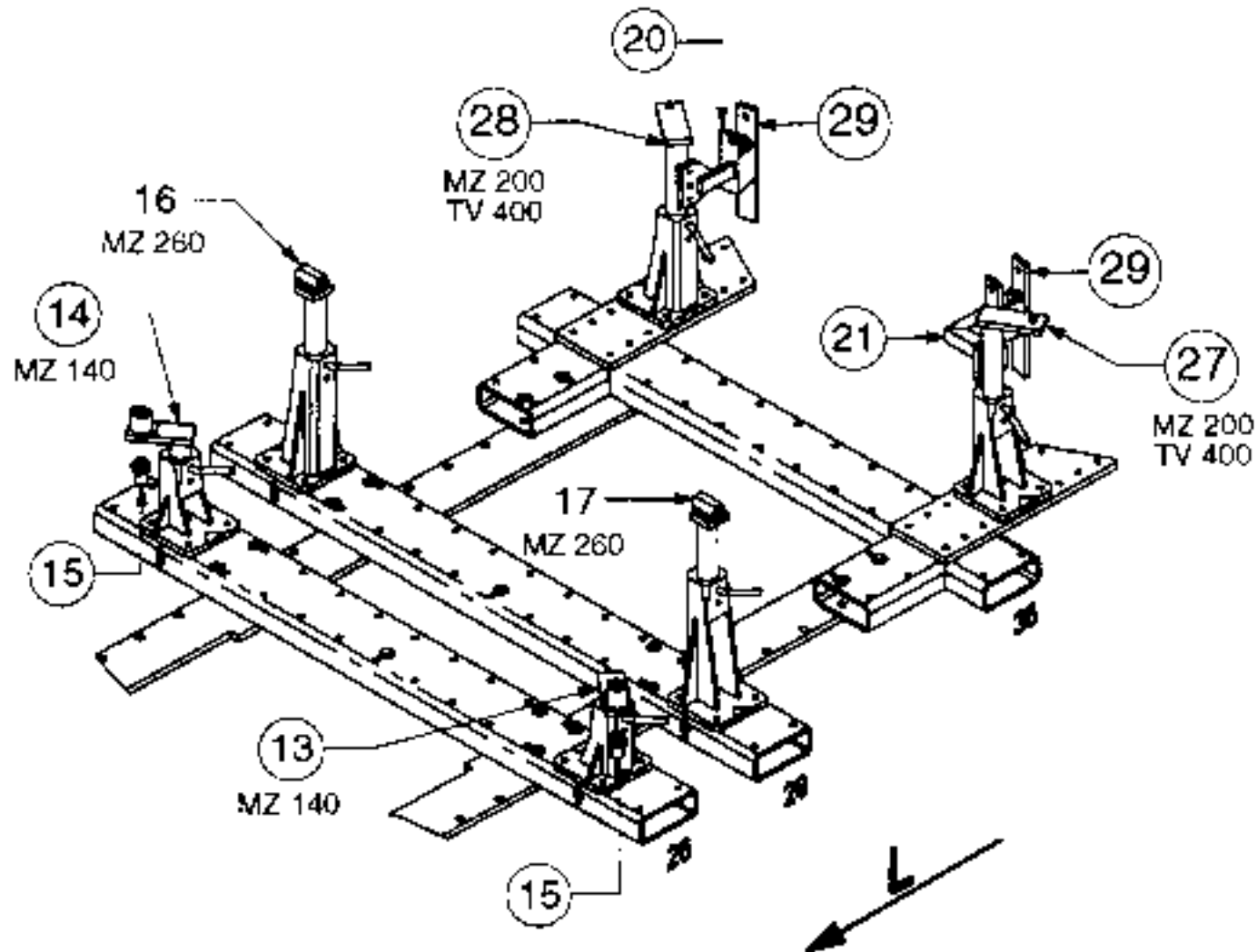


Special heads for **System MS**

Order from: Consult your After Sales Head Office.

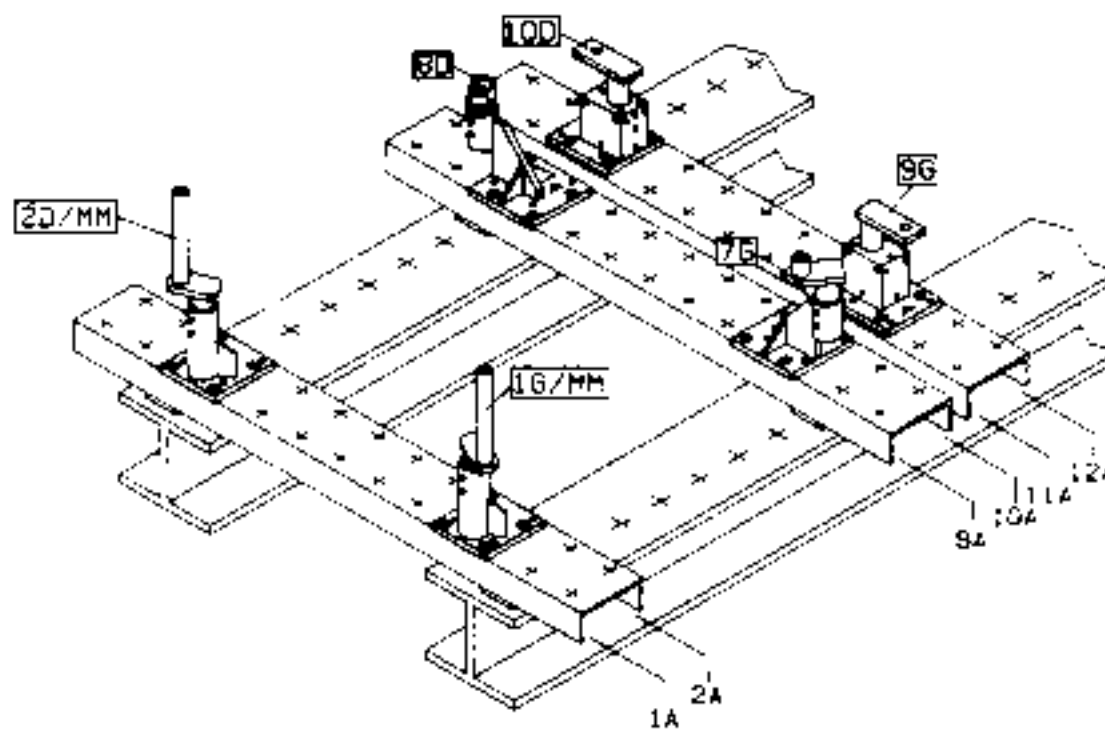
Supplier's Part Number: 715.307

Fitting the components - CELETTE



PRS4004

Fitting the components - BLACKHAWK



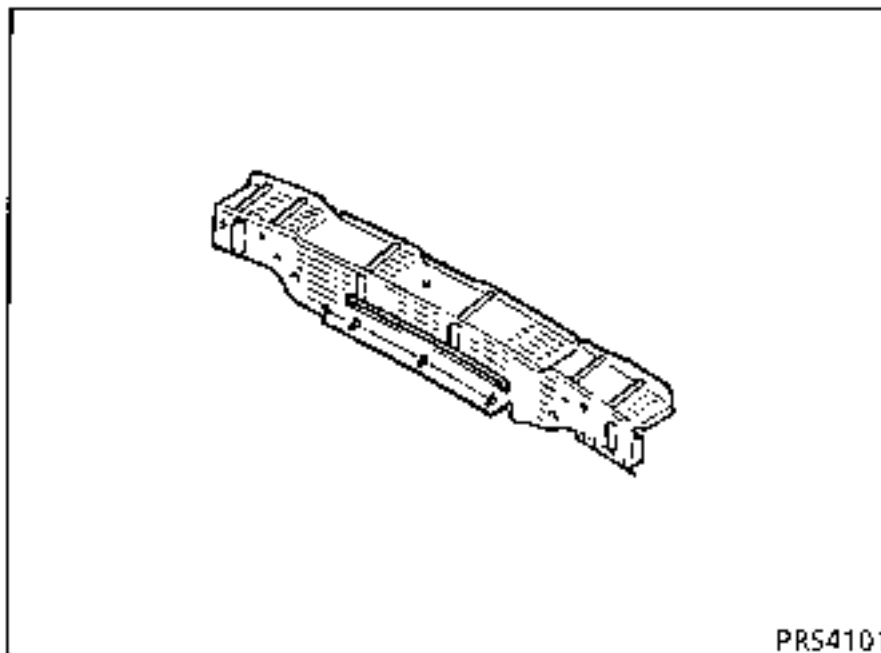
PRS4005

INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a rear end panel assembly.

COMPOSITION OF PART FROM PARTS DEPARTMENT

Single part.

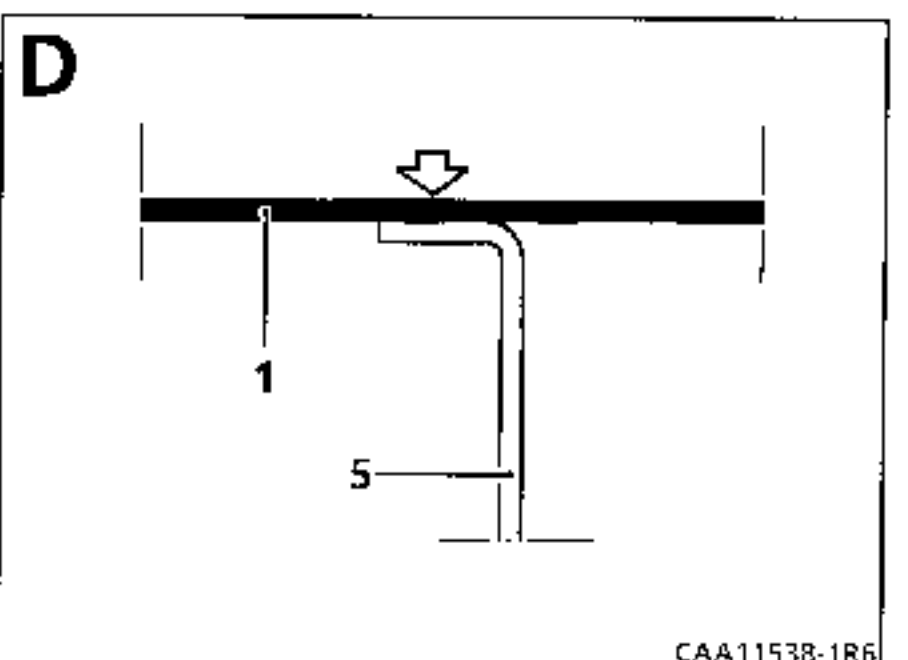
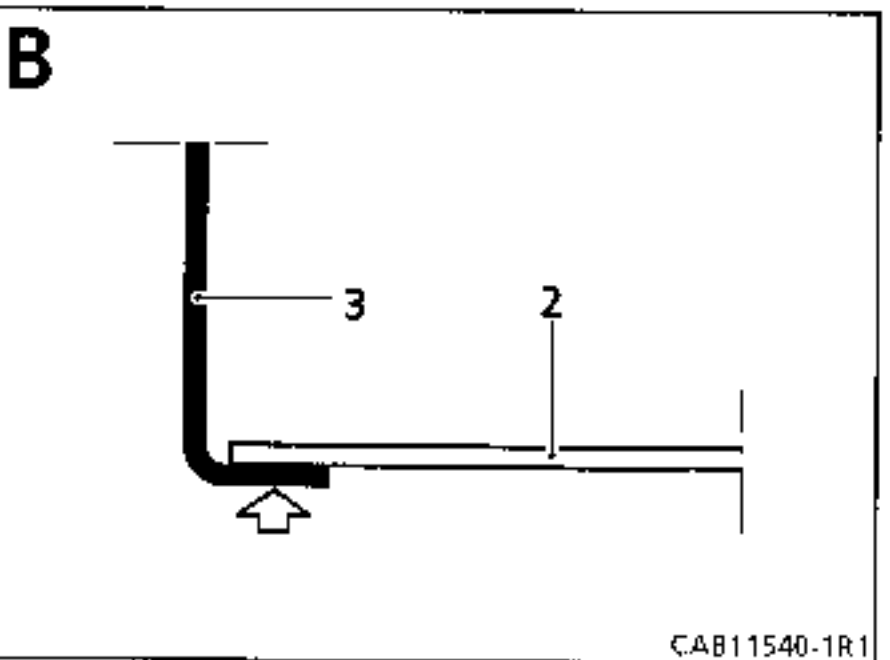
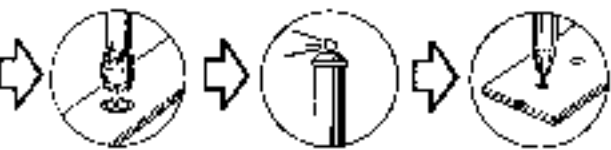
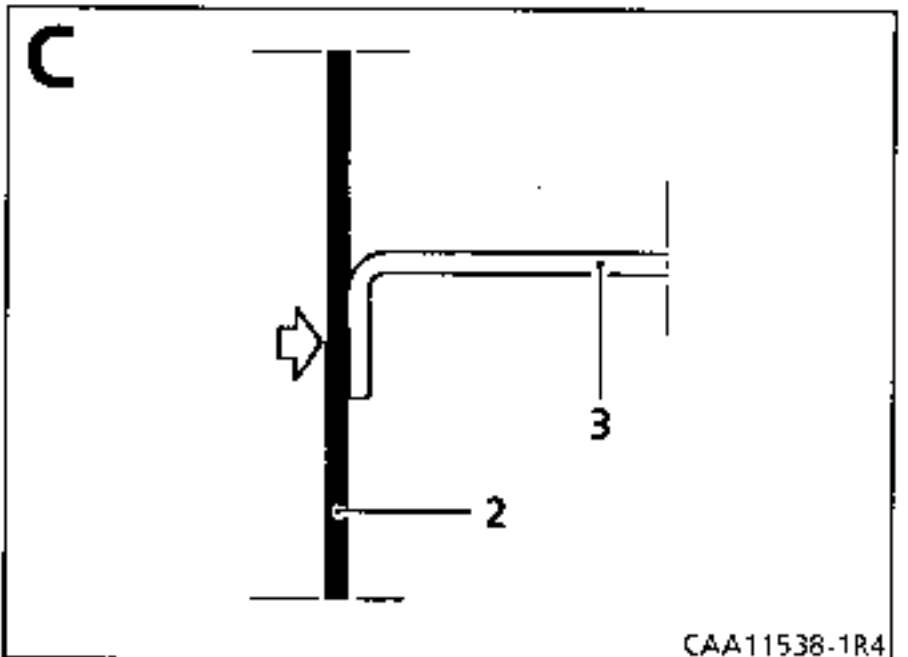
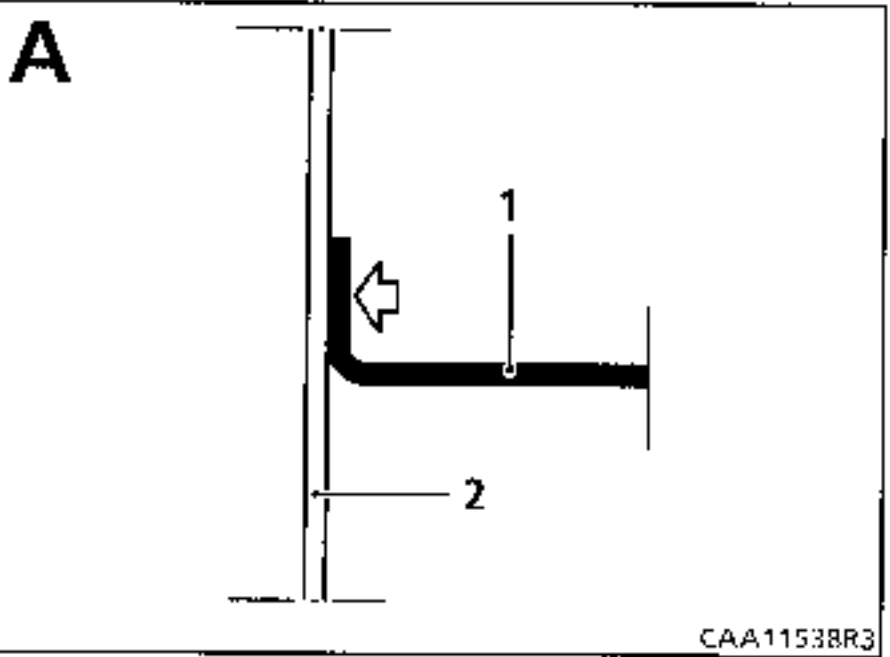
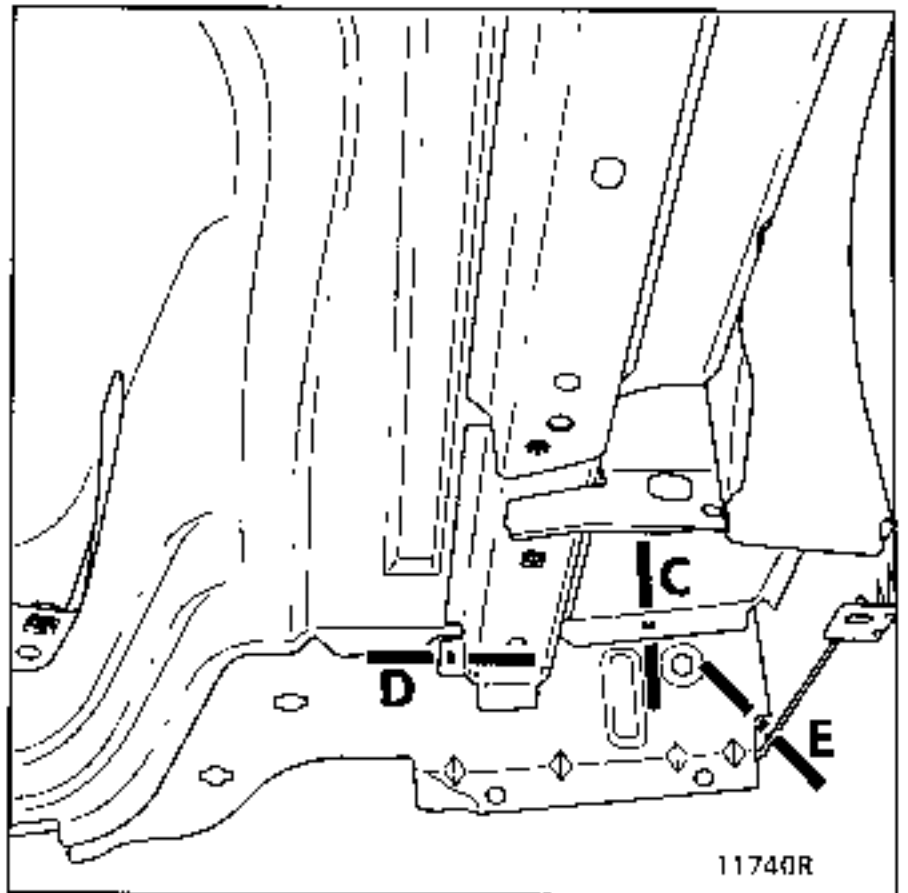
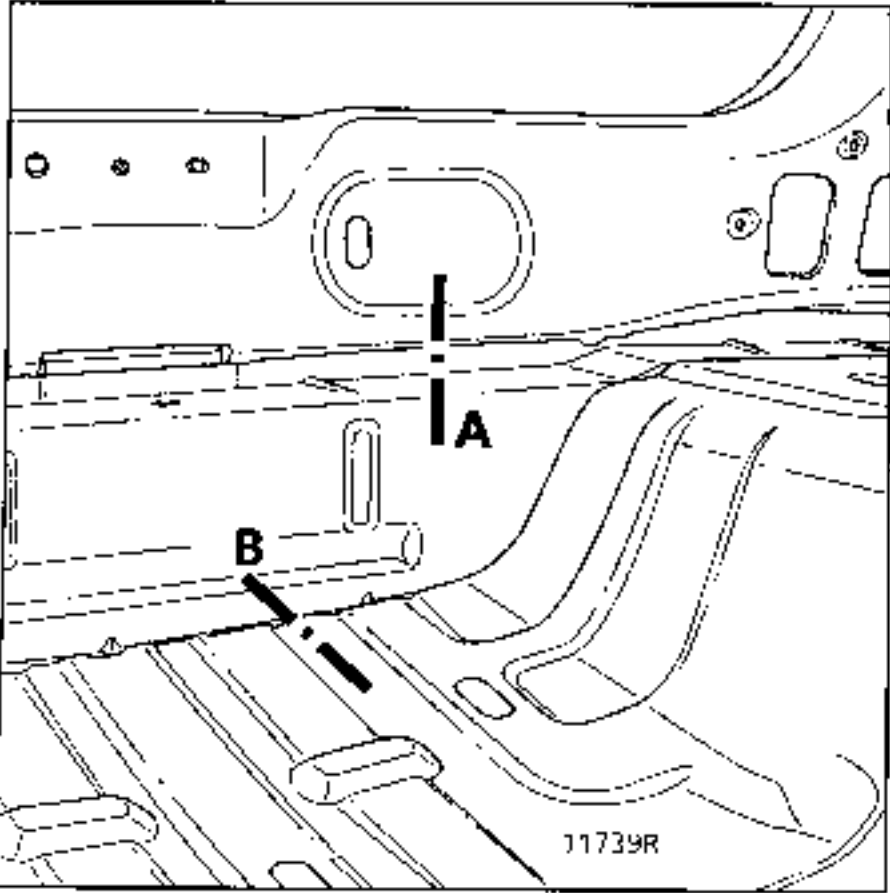


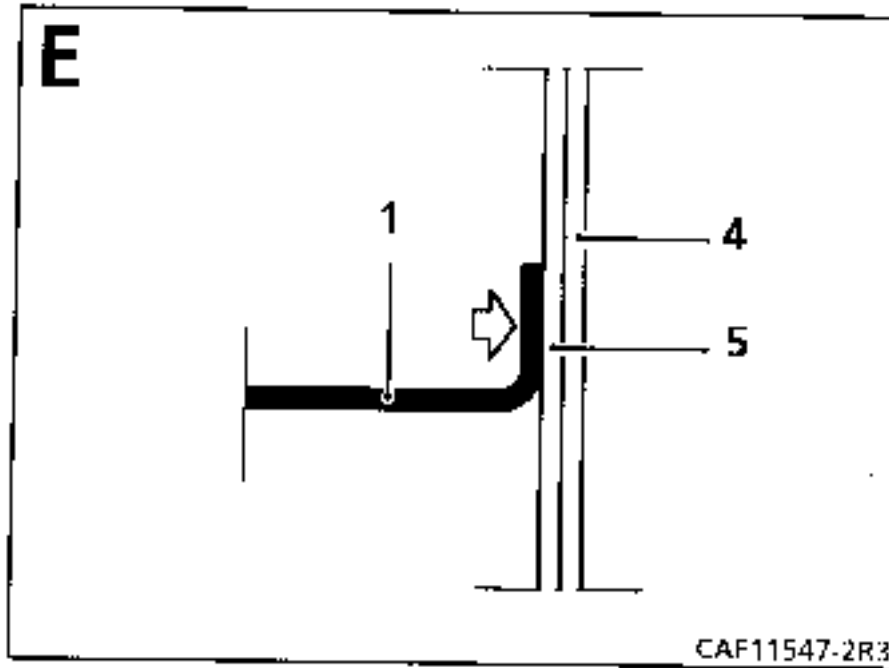
JOINTS WITH:

Rear end panel lining
Rear floor
Rear quarter panel lining
Rear side member extension

PARTS CONCERNED:

1	Rear end cross member	0.8
2	Rear end panel lining	0.7
3	Rear floor	0.7
4	Rear quarter panel lining	0.7
5	Rear side member extension	1.2



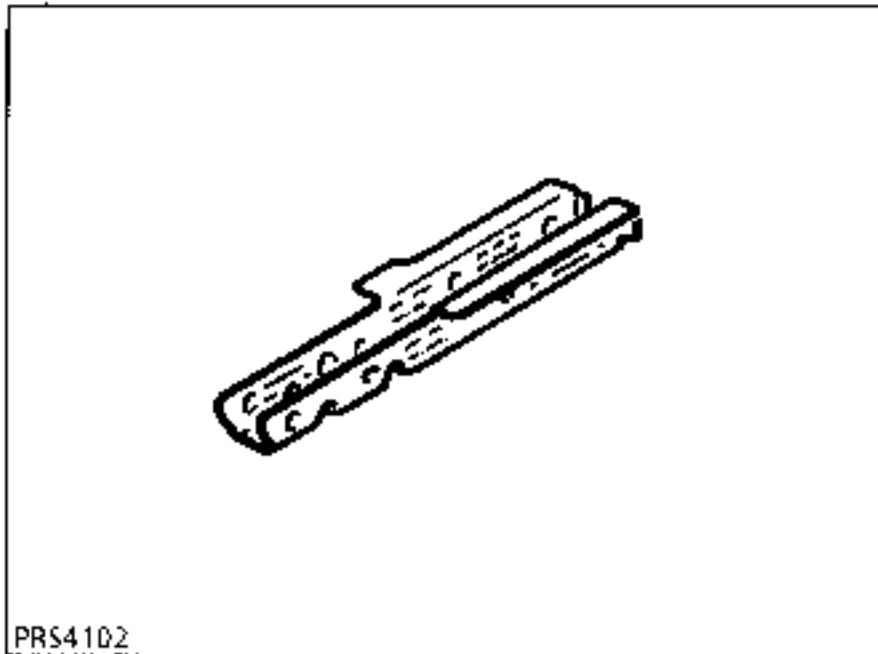


INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a rear end panel assembly, rear end cross member and rear floor, rear part section.

COMPOSITION OF PART FROM PARTS DEPARTMENT :

Single part.

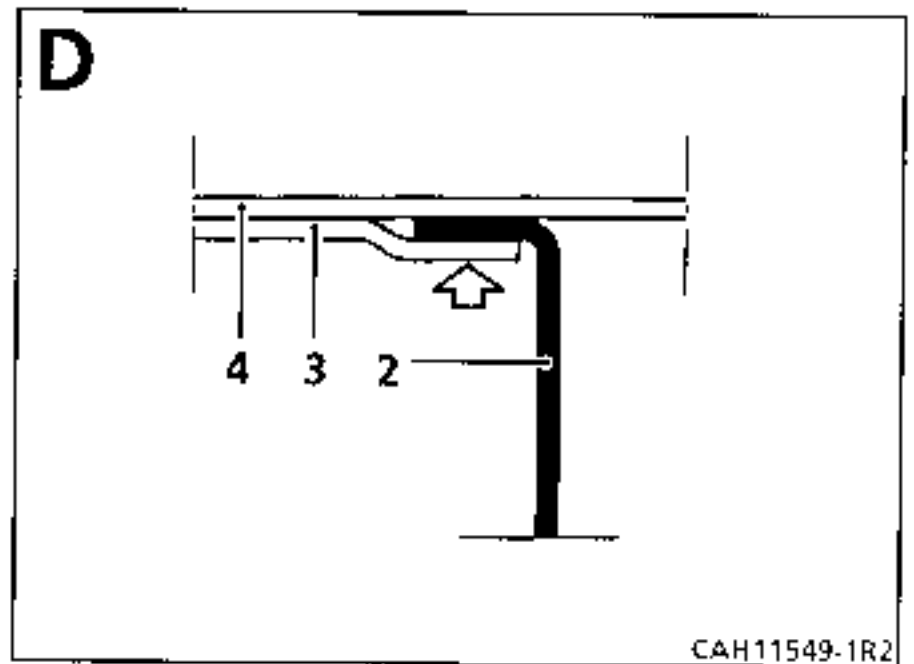
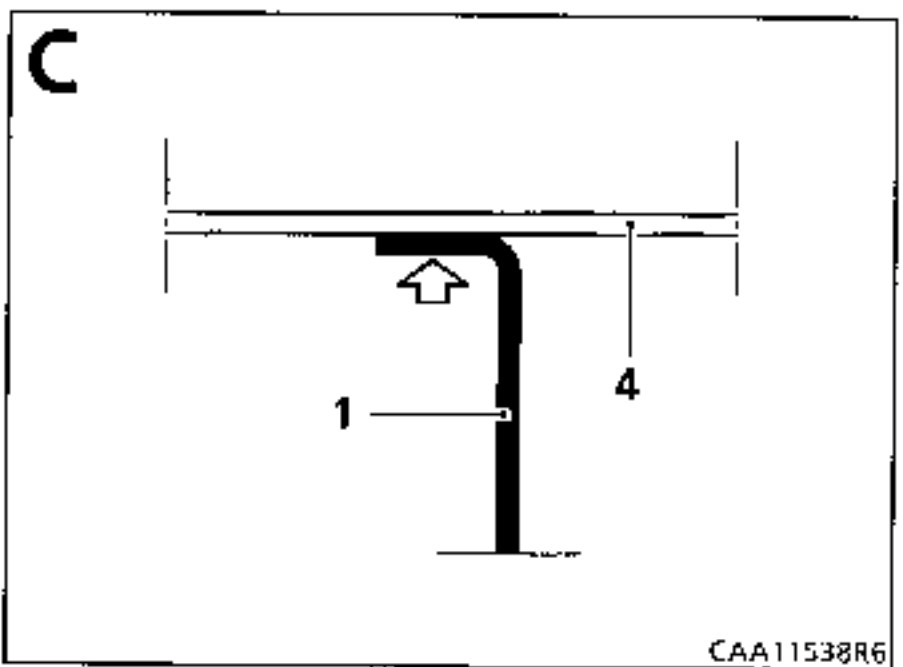
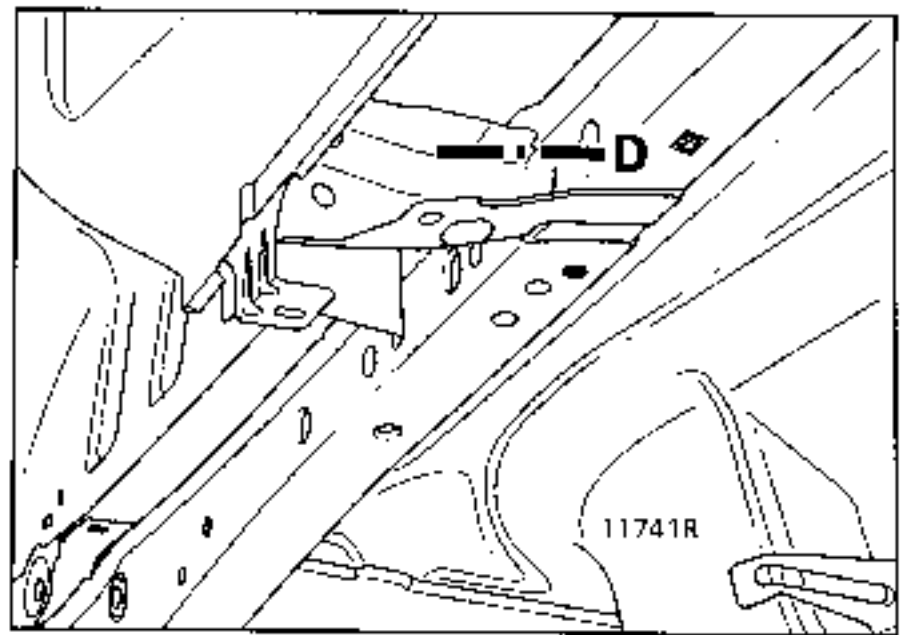
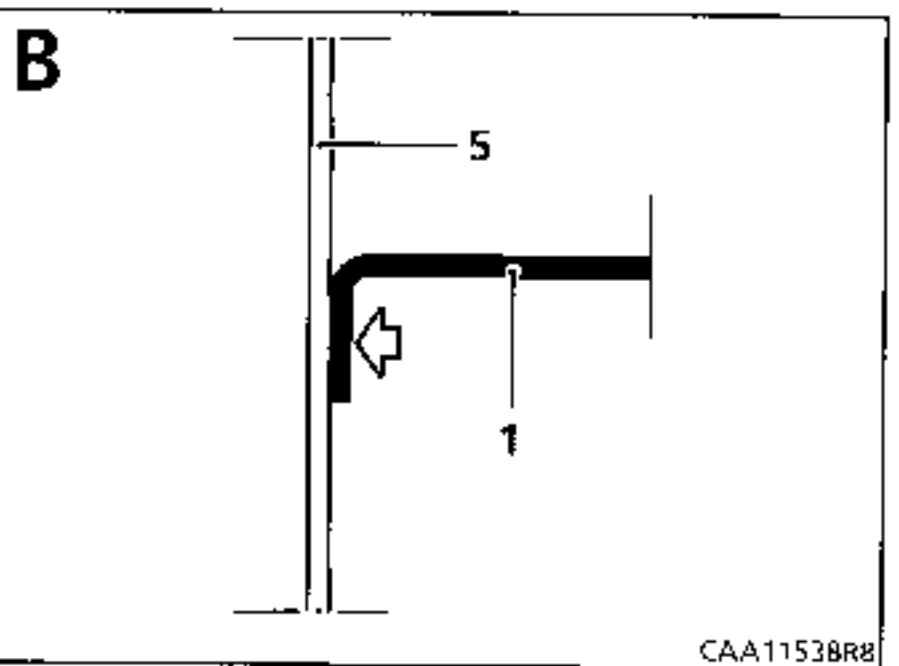
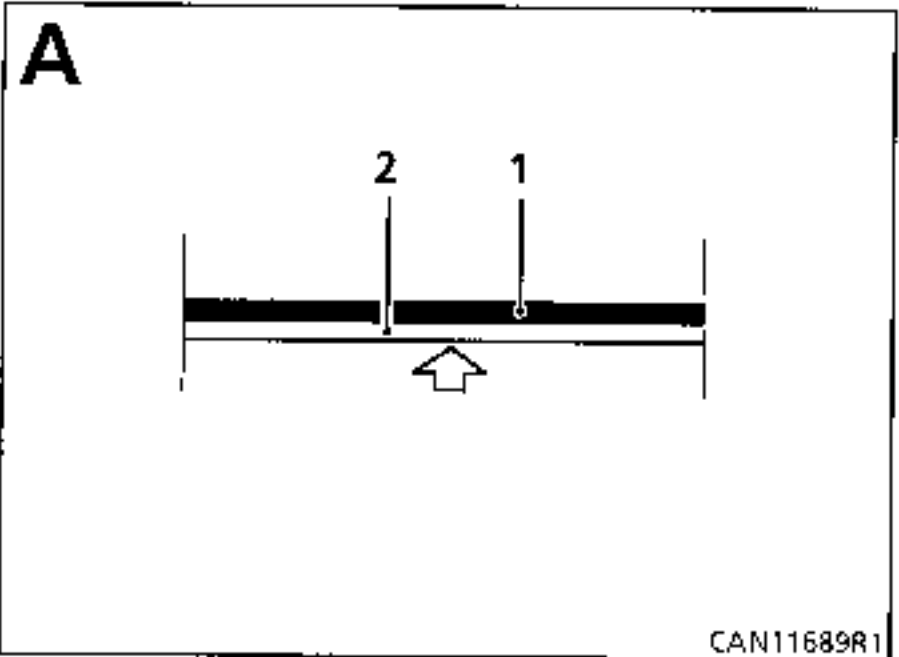
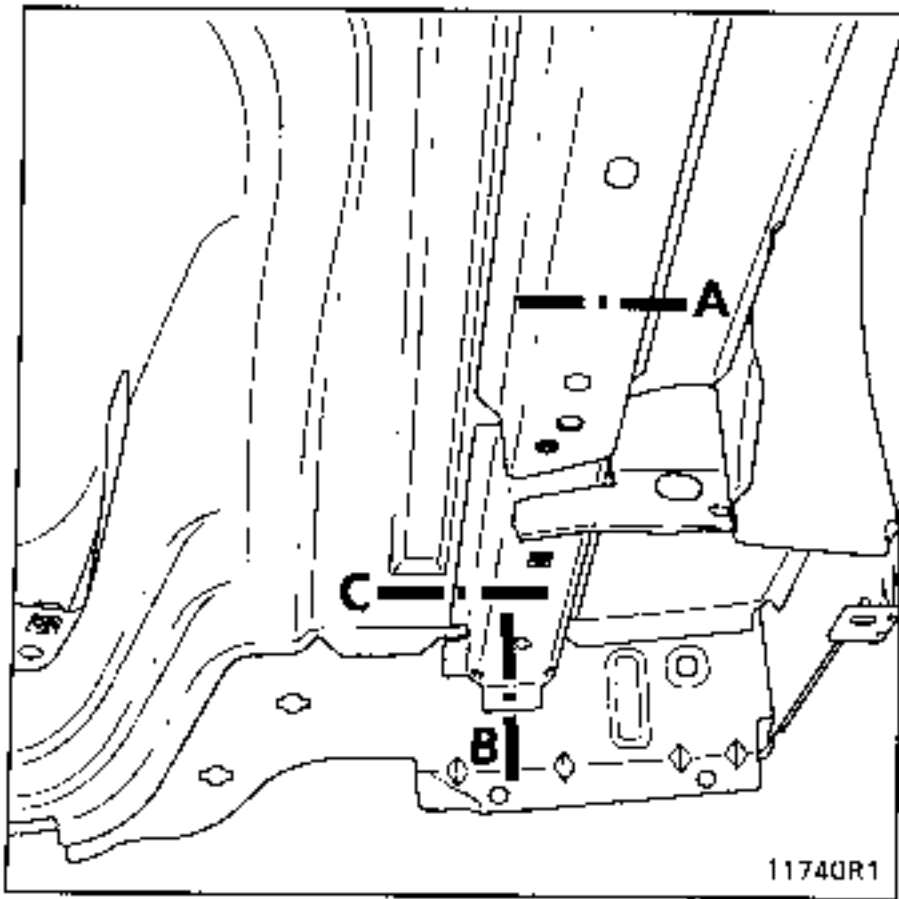


JOINTS WITH:

Rear side member
Connecting gusset
Floor
Rear end cross member

PARTS CONCERNED:

1	Side member extension	1.2
2	Rear side member	1.5
3	Connecting gusset	1.2
4	Floor	0.7
5	Rear end cross member	0.7

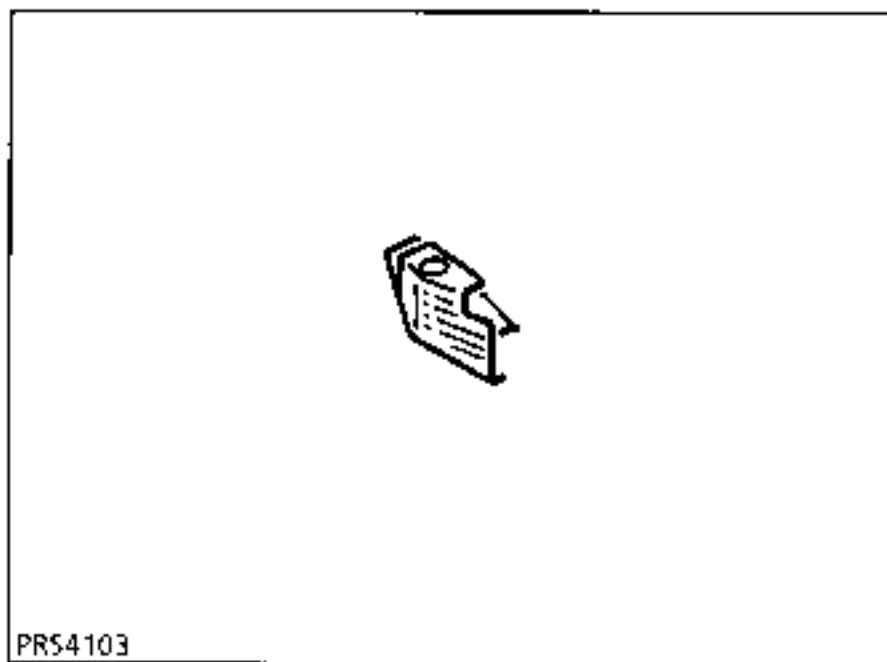


INTRODUCTION

The replacement of this part is a complementary operation to the replacement of the side member extension or exterior wheel arch.

COMPOSITION OF PART FROM PARTS DEPARTMENT :

Single part.

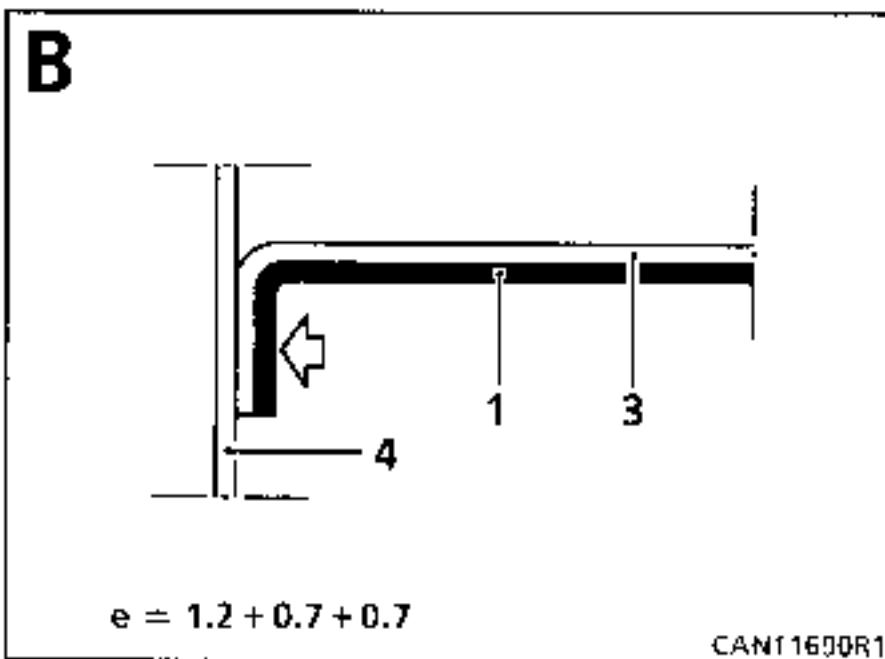
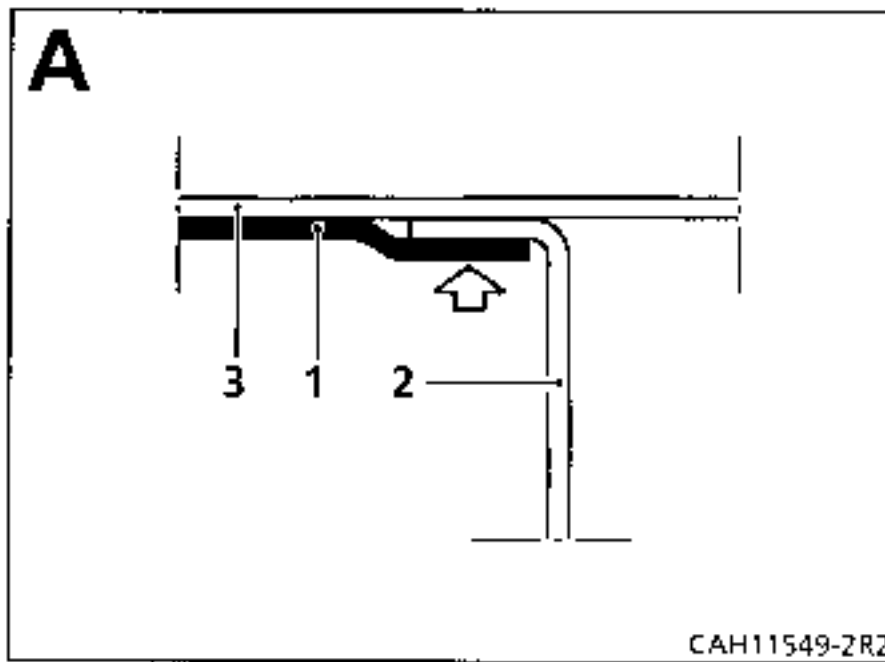
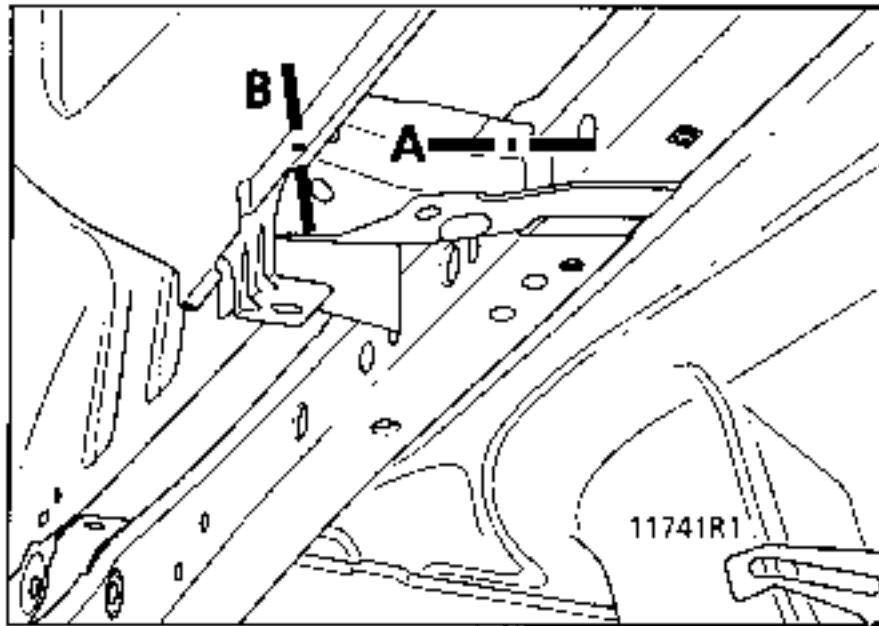


JOINTS WITH:

Side member extension
Floor
Interior wheel arch

PARTS CONCERNED:

1	Connecting gusset	1.2
2	Side member extension	1.5
3	Floor	0.7
4	Interior wheel arch	0.7



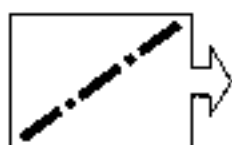
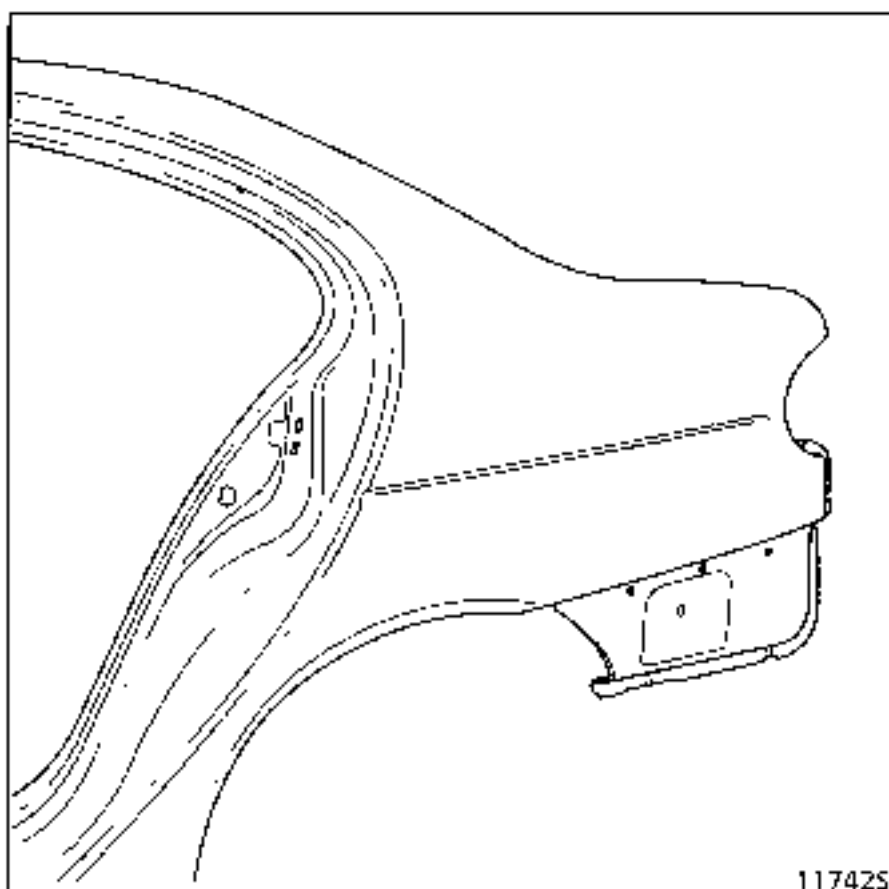
INTRODUCTION

The replacement of this part is a basic operation for a rear impact.

COMPOSITION OF PART FROM PARTS DEPARTMENT

Part assembled with:

- striker plate reinforcement,
- side bumper reinforcement.



or

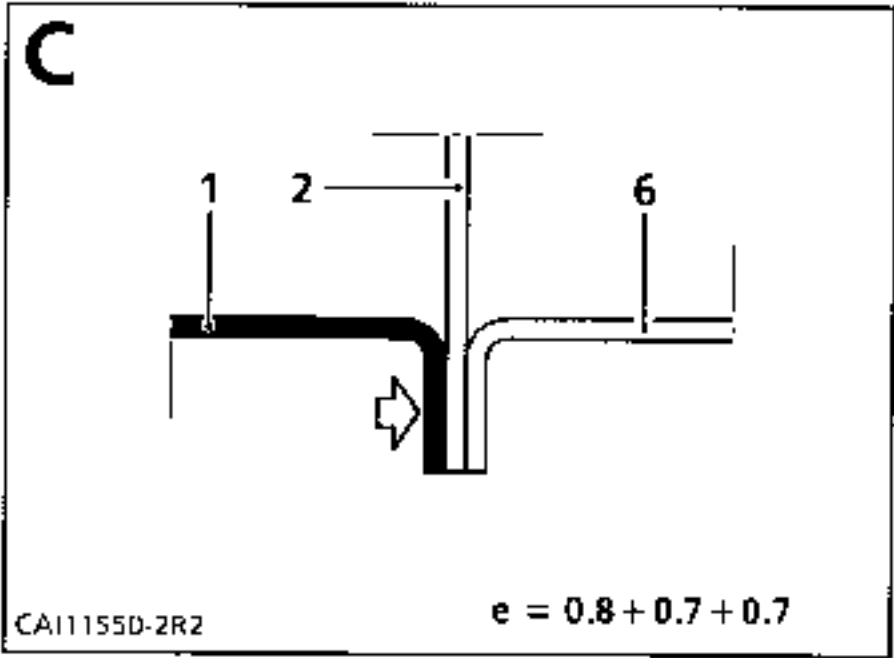
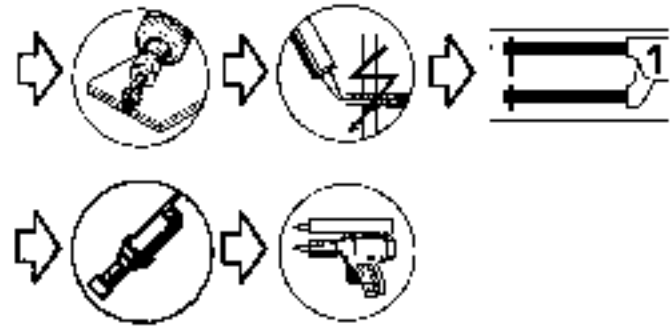
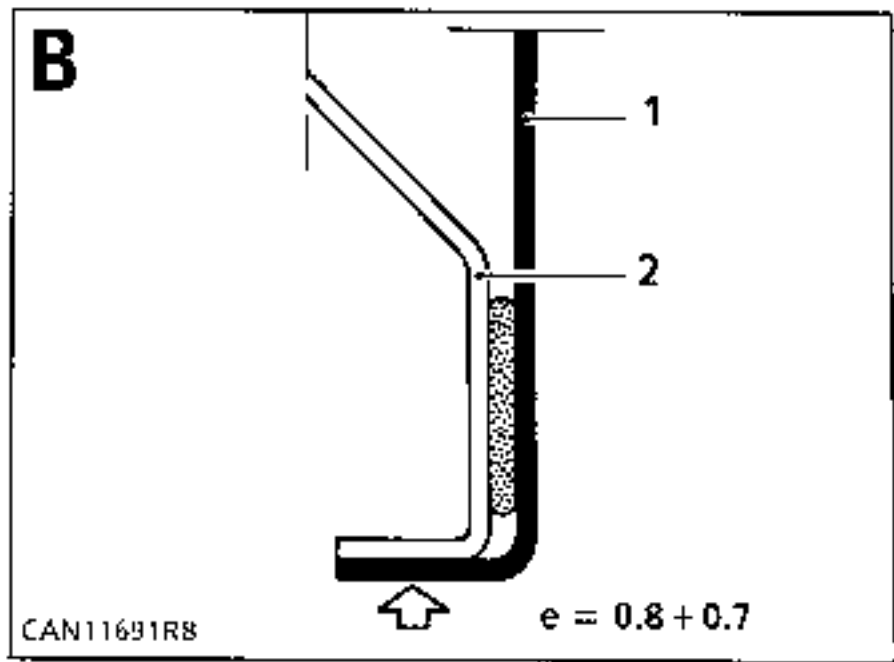
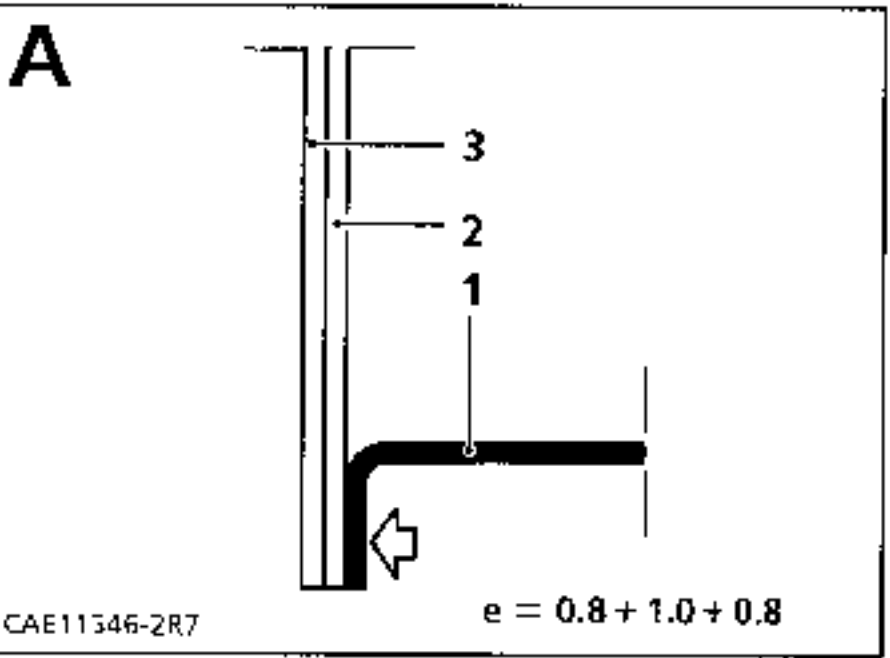
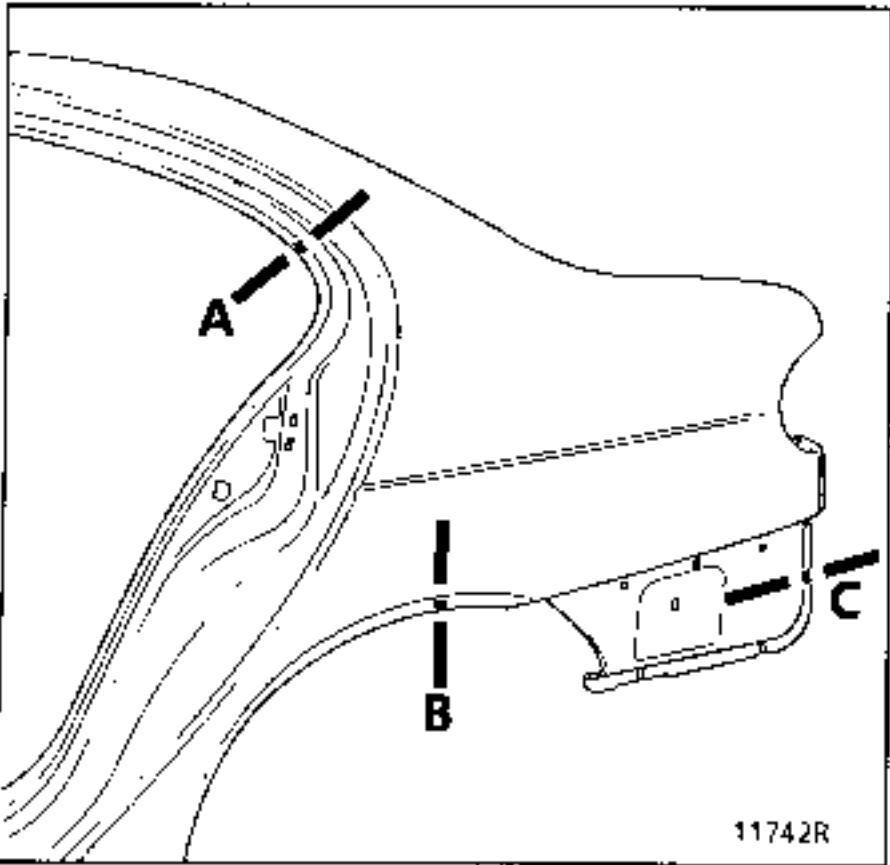


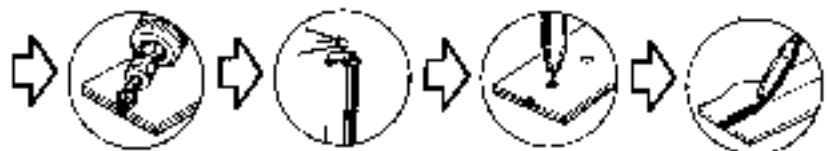
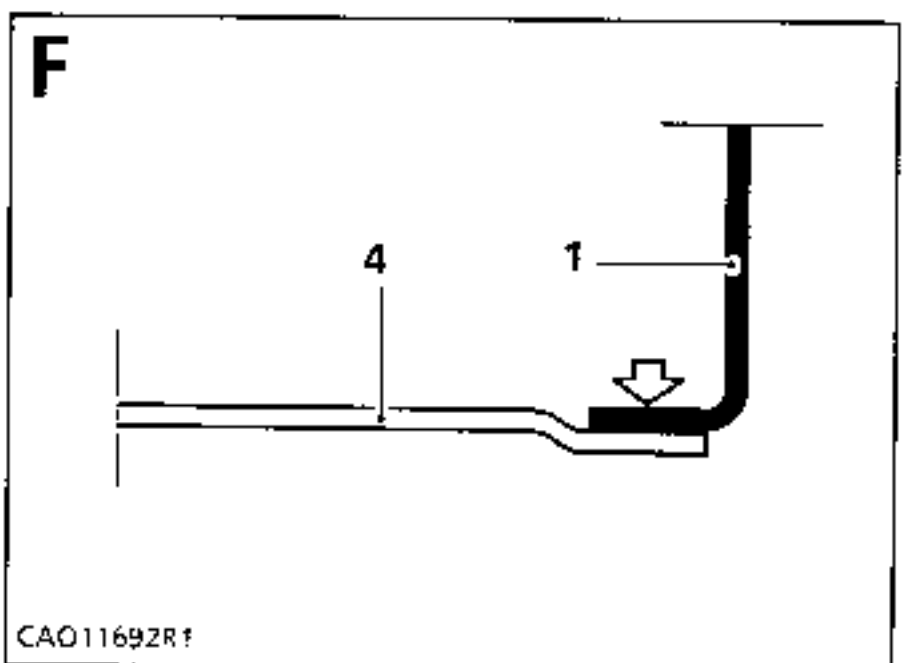
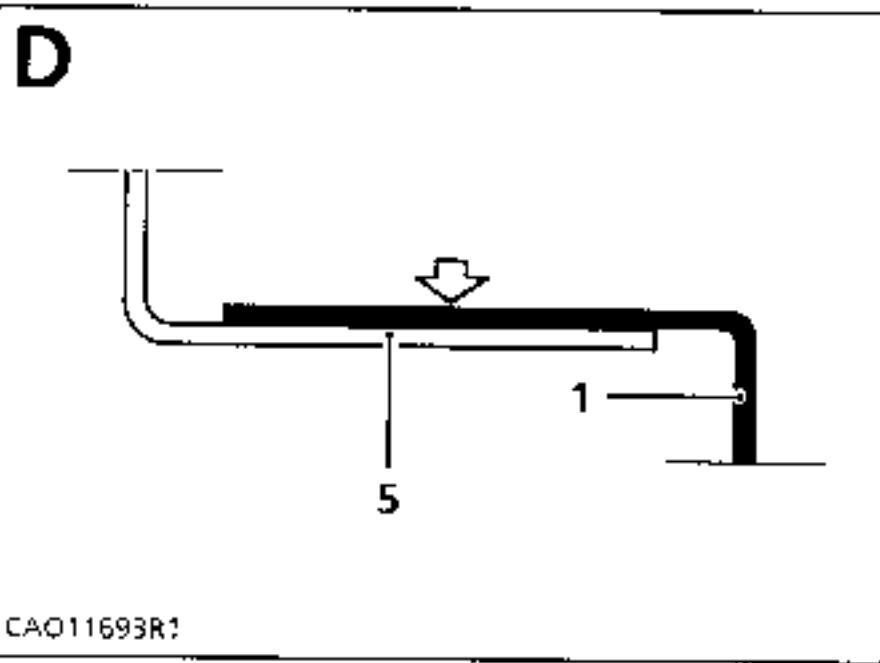
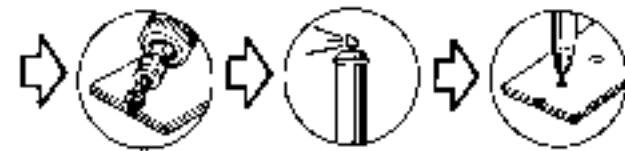
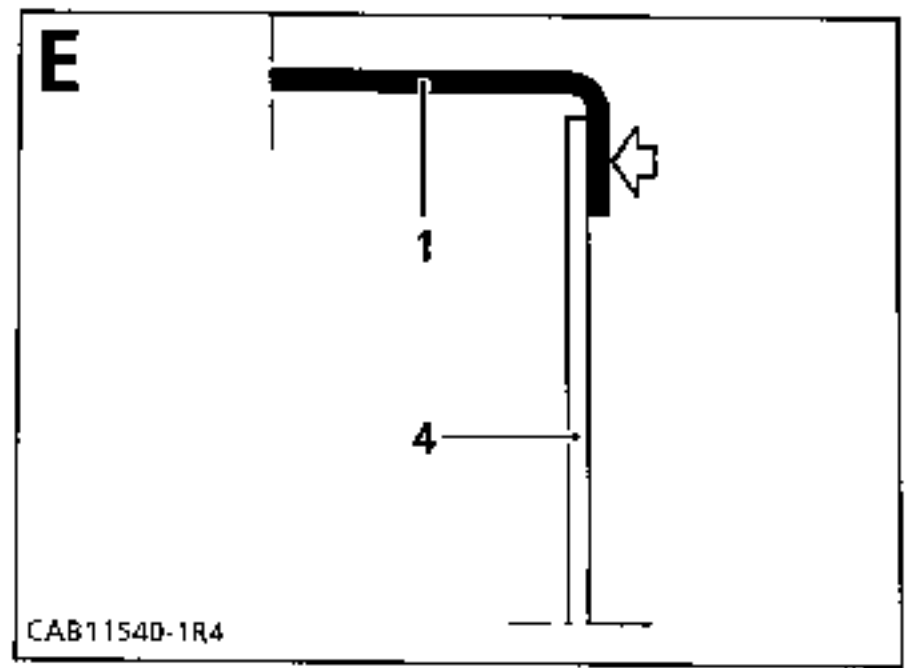
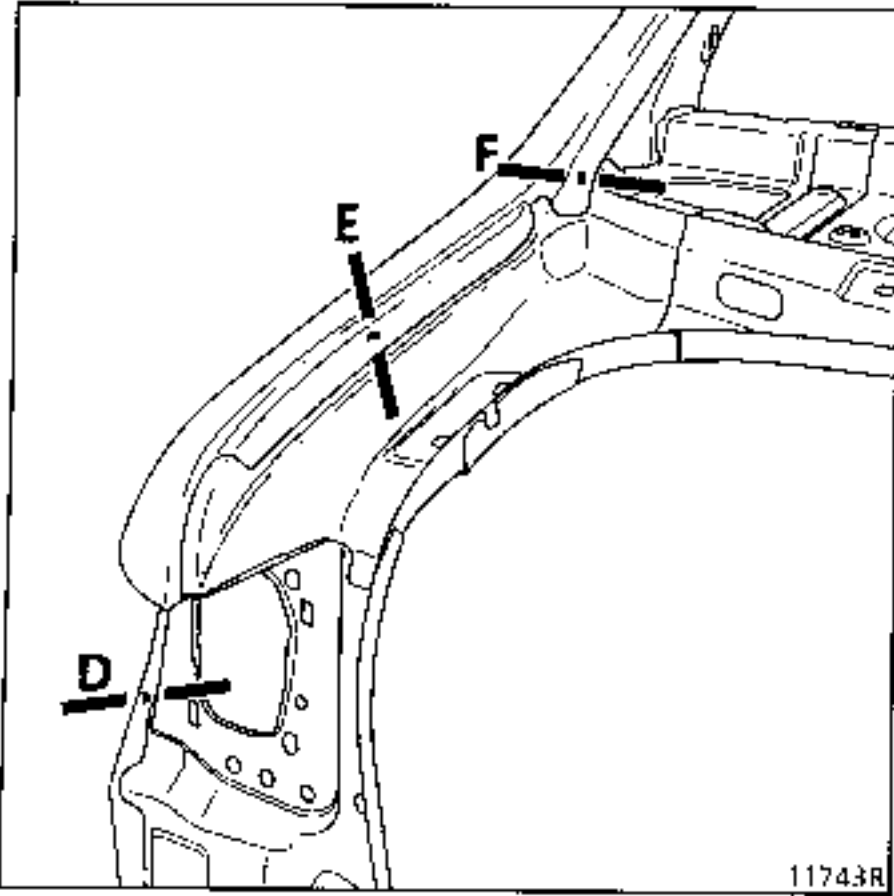
JOINTS WITH :

Rear quarter panel lining
Rear pillar reinforcement
Panel drip moulding
Lights mounting
Rear end panel
Part sections

PARTS CONCERNED:

1	Wing panel	0.8
2	Rear quarter panel lining	0.7
3	Rear pillar reinforcement	1.0
4	Panel drip moulding	0.7
5	Lights mounting	0.7
6	Rear end panel	0.7





INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a wing panel.

COMPOSITION OF PART FROM PARTS DEPARTMENT

Single part.

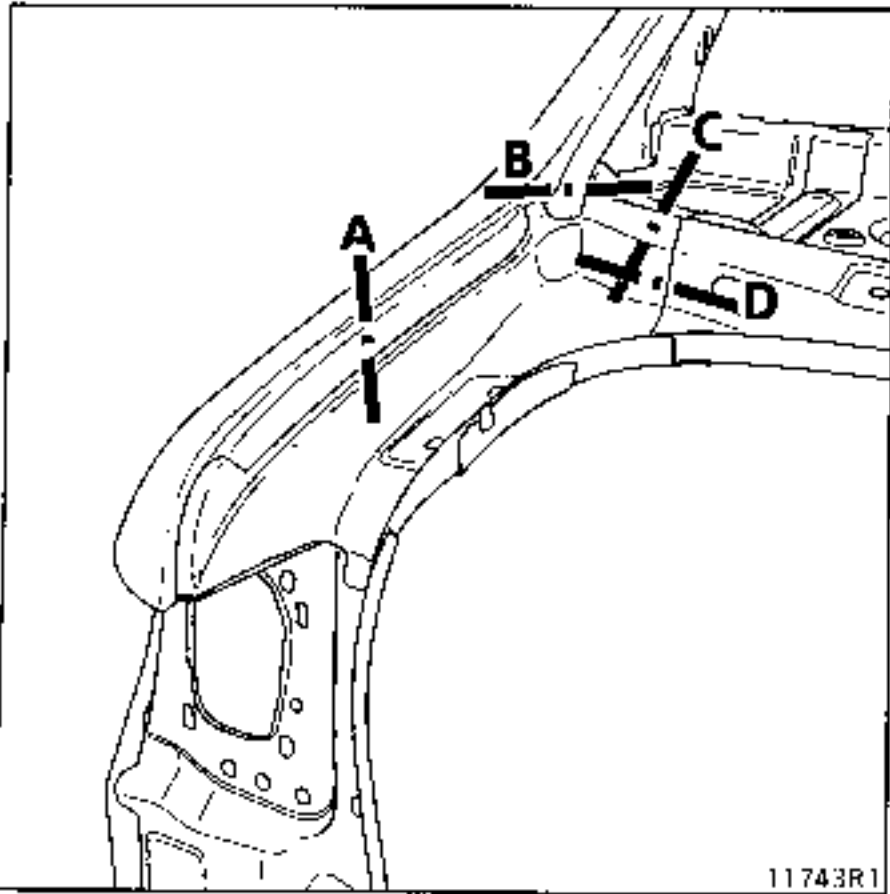


JOINTS WITH :

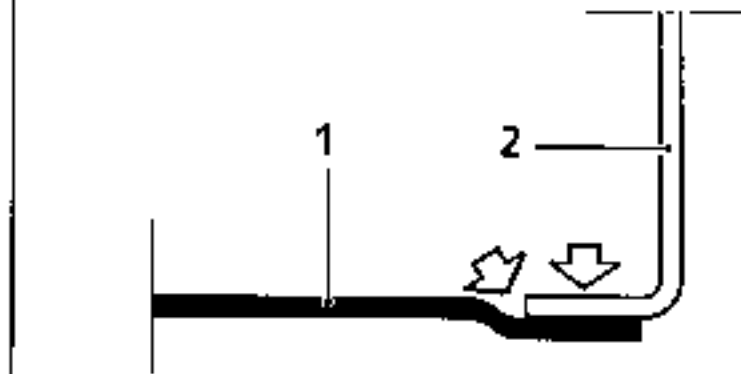
Wing panel
Centre shelf
Lights mounting
Joint reinforcement
Side shelf

PARTS CONCERNED:

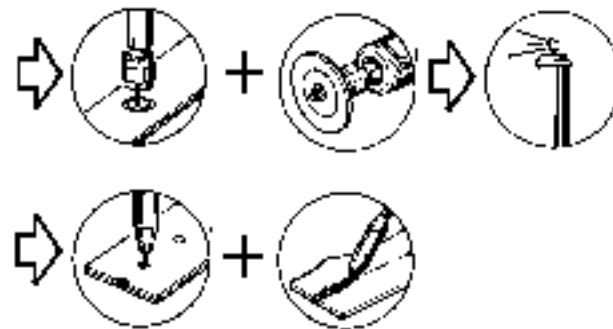
1	Panel drip moulding	0.7
2	Wing panel	0.8
3	Centre shelf	0.7
4	Side shelf	1.0
5	Joint reinforcement	1.2
6	Lights mounting	0.7



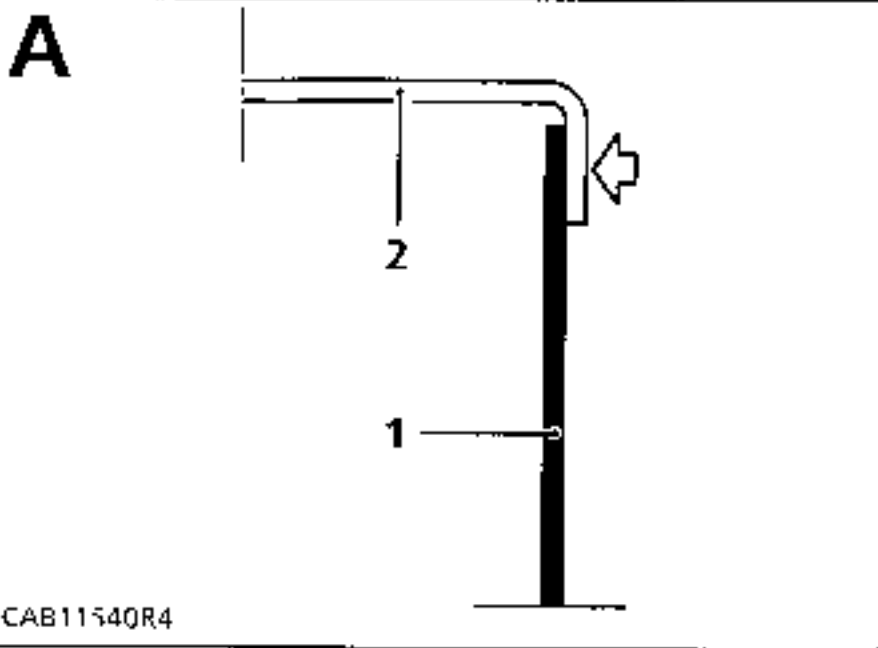
B



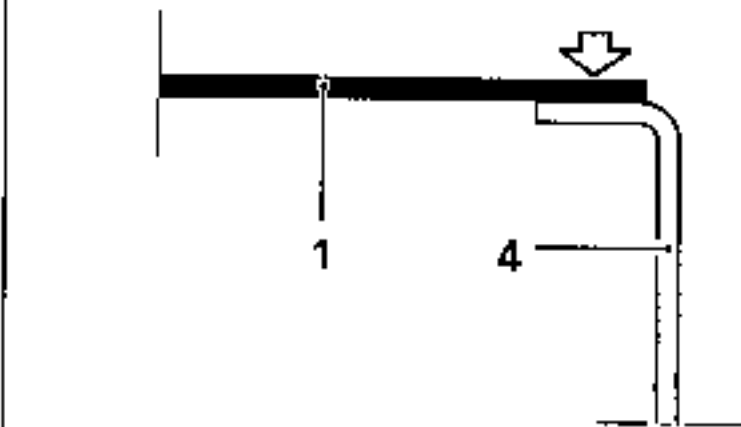
CAO11692-1R1



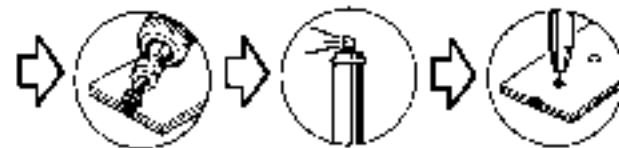
A



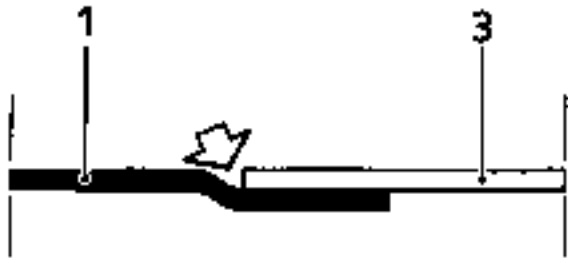
C



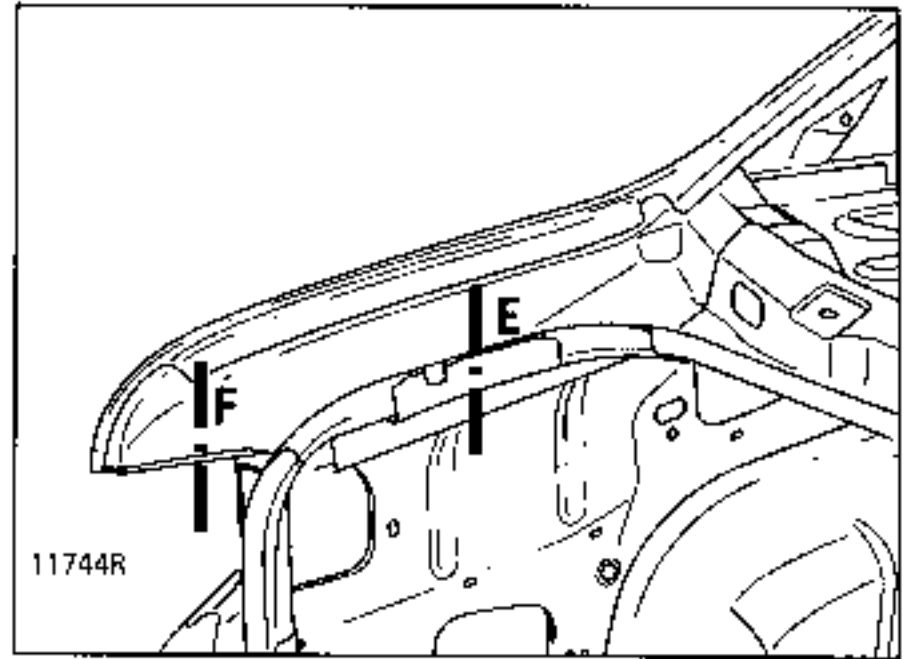
CAC11541-1R5



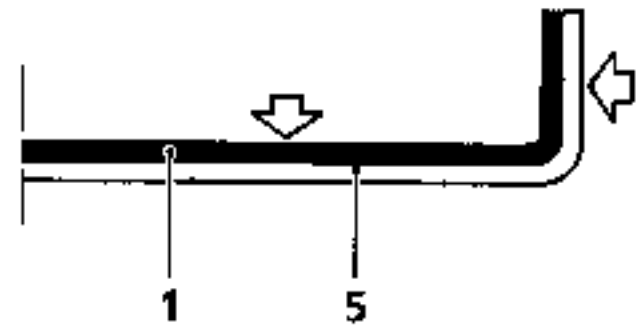
D



CAA11537-1R2



E

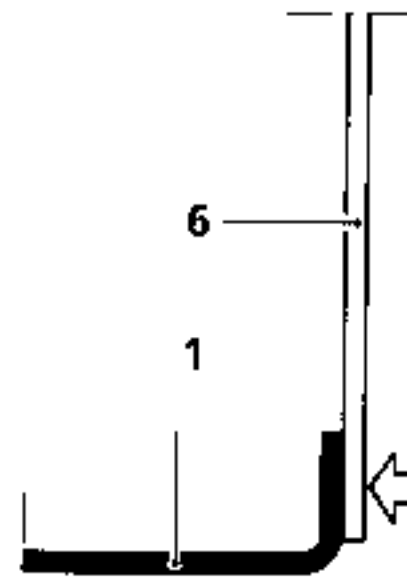


CAO11694-1R5

$e = 0,7 + 1,2$



F



CAC11541R7



INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a wing panel.

The centre pillar lining must be cut out from the part as supplied by the Parts Department.

COMPOSITION OF PART FROM PARTS DEPARTMENT

Part assembled with:

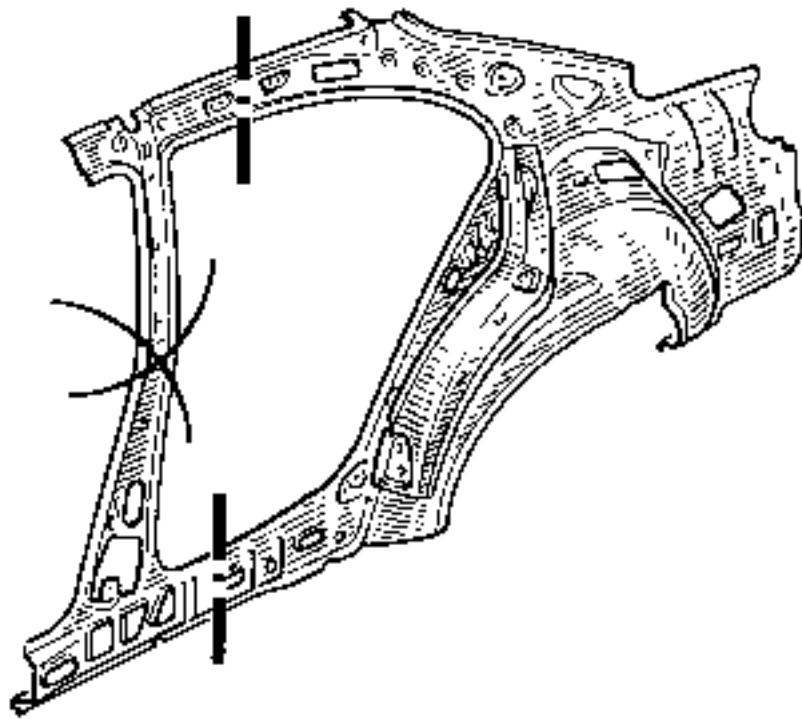
- inertia reel mounting reinforcement,
- centre pillar lining.

JOINTS WITH :

Body top panel
Roof rear cross member
Rear pillar reinforcement
Wing panel
Centre rear shelf
Drip moulding
Inner wheel arch
Complete rear side member
Rear floor
Rear end cross member
Rear end panel assembly

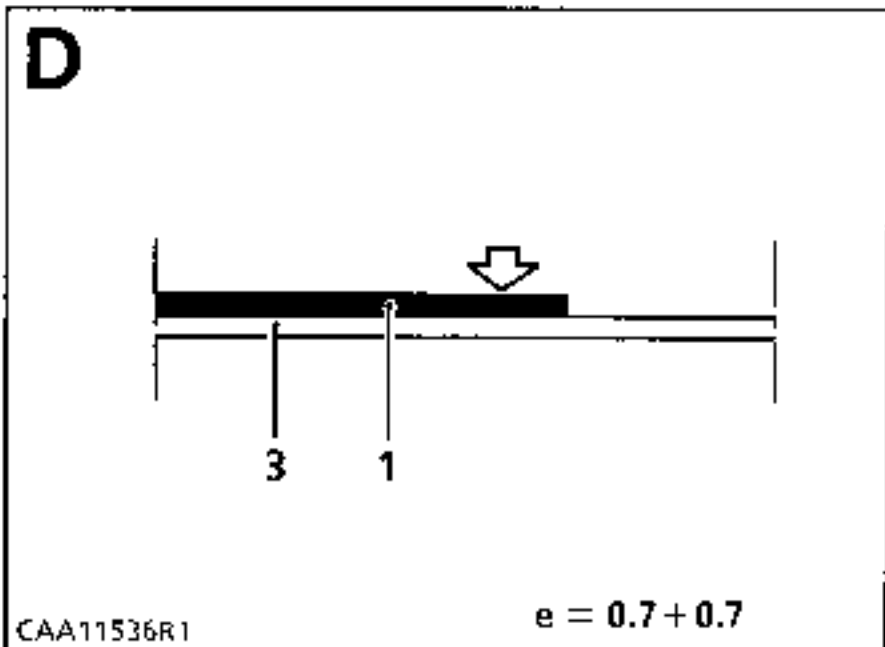
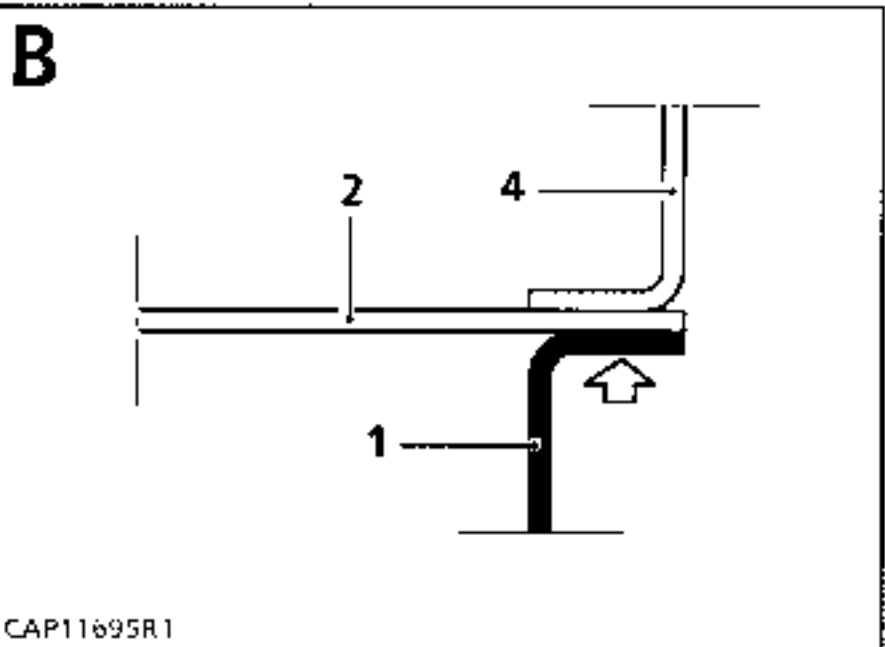
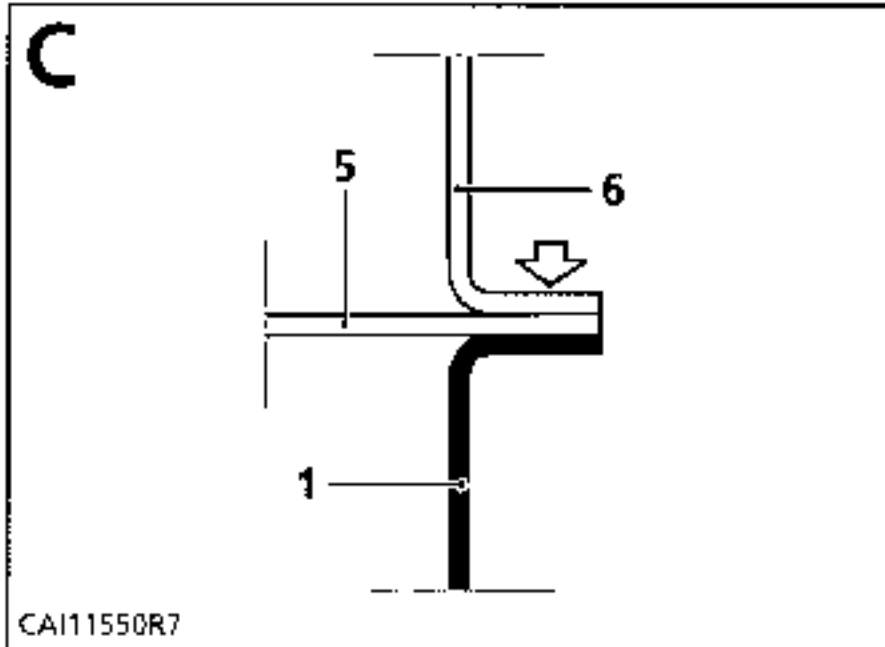
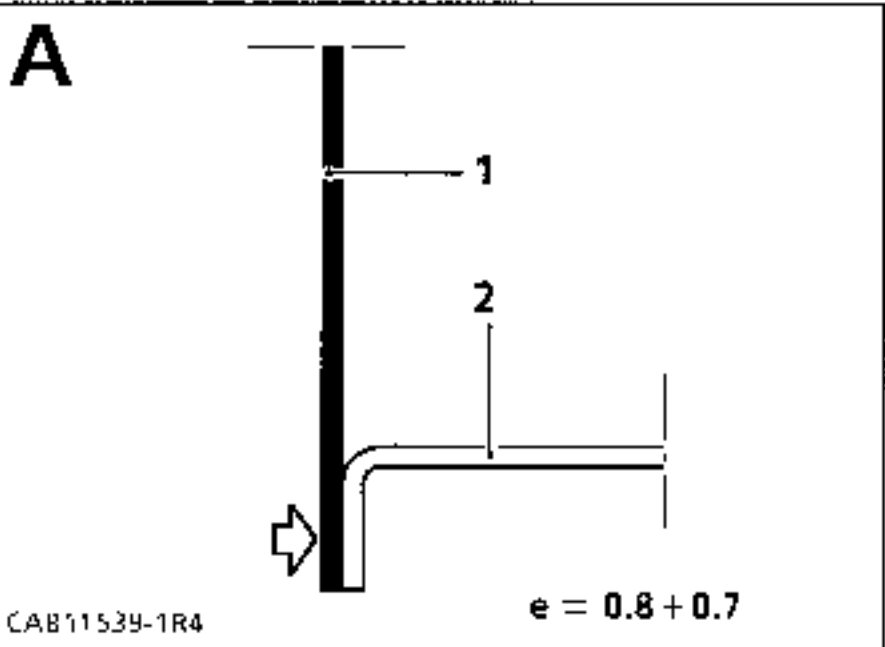
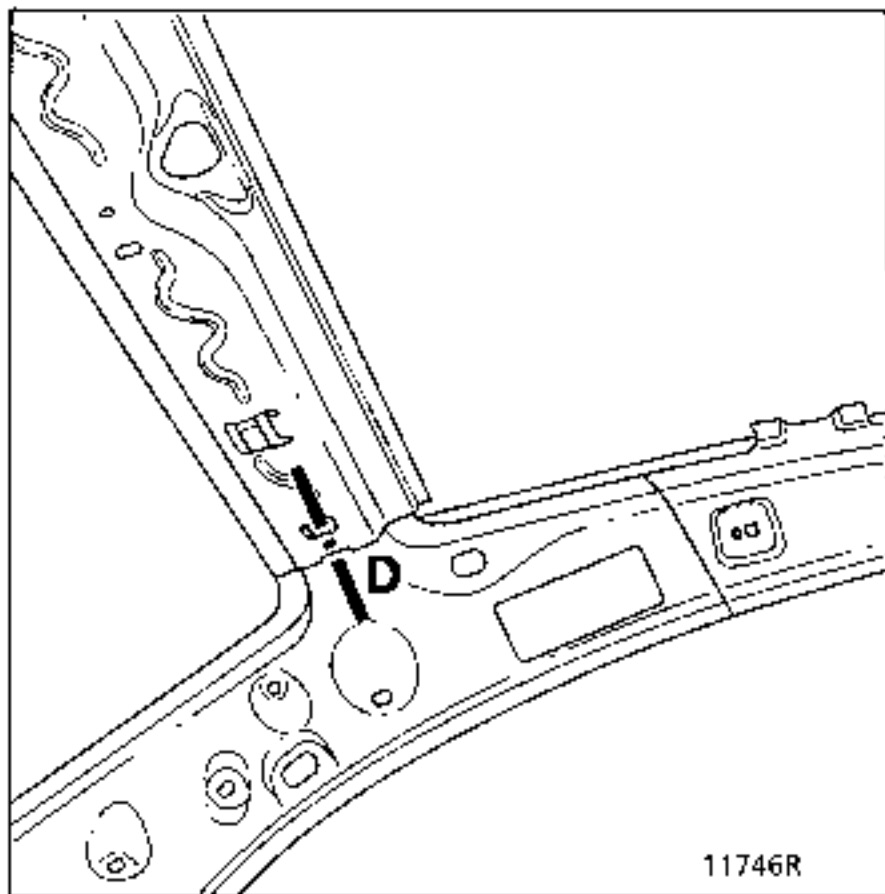
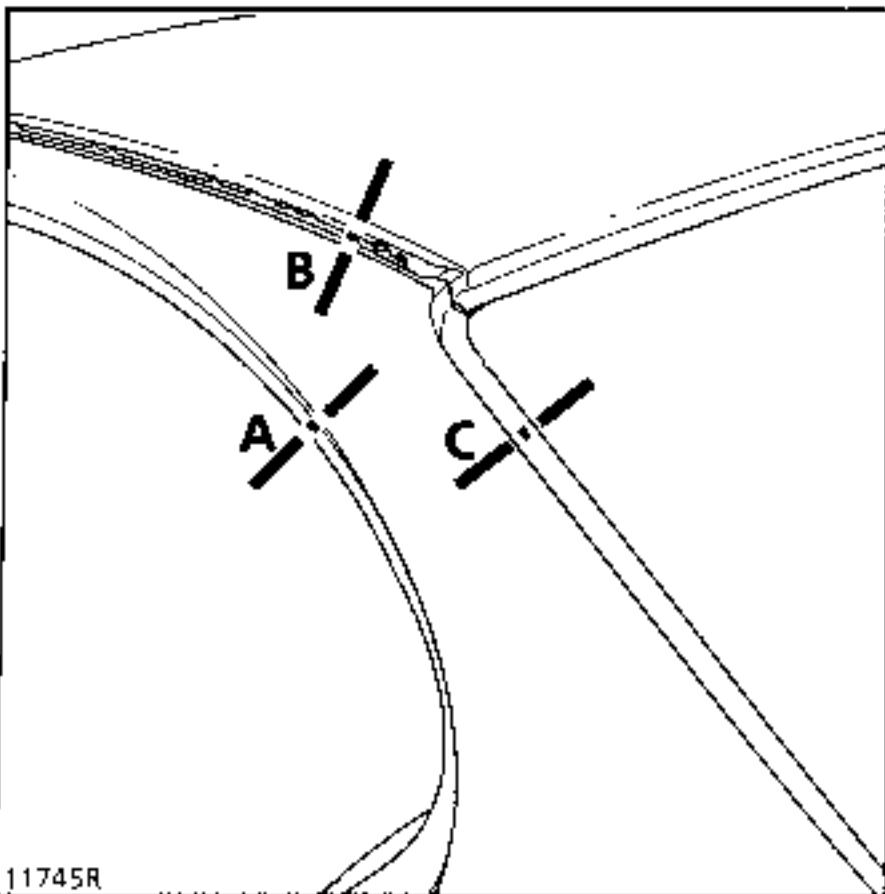
PARTS CONCERNED:

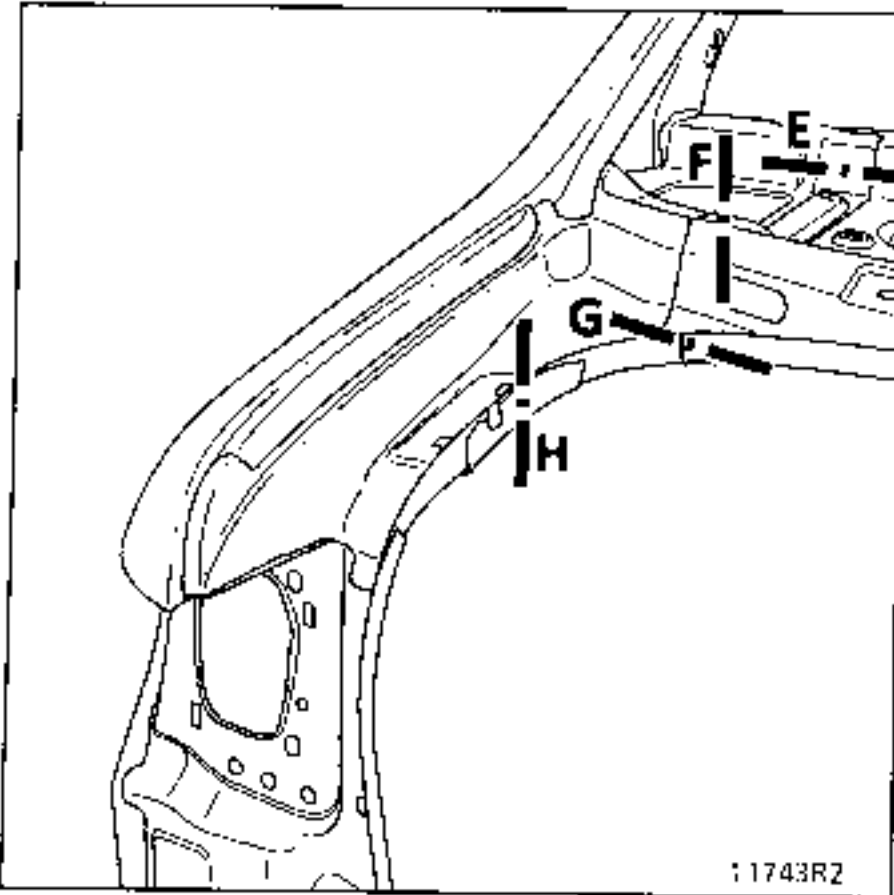
1	Rear quarter panel lining	0.7
2	Body top panel	0.8
3	Roof rear cross member	0.7
4	Roof	0.7
5	Rear pillar reinforcement	1.0
6	Wing panel	0.8
7	Drip moulding	0.7
8	Centre shelf	1 and 0.7
9	Side shelf	1.0
10	Joint reinforcement	1.2
11	Rear floor	0.7
12	Rear end panel assembly	0.7
13	Inner wheel arch	0.7
14	Valance closure panel	1.5



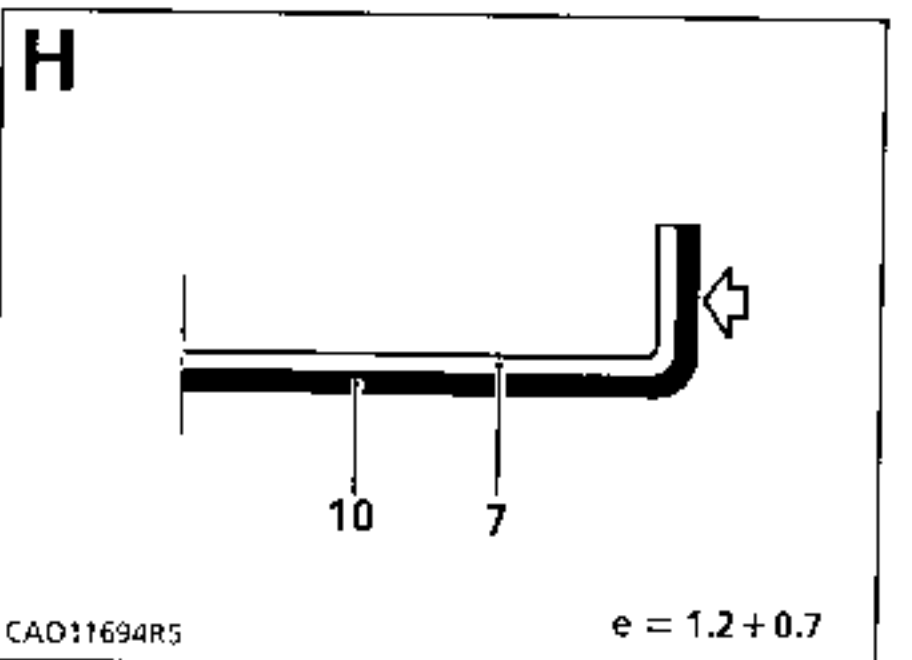
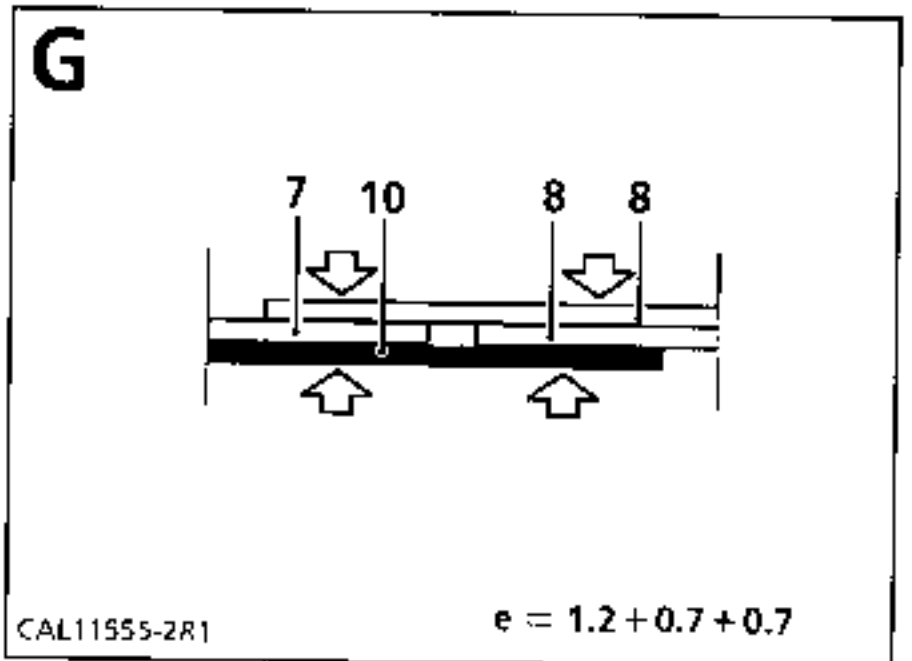
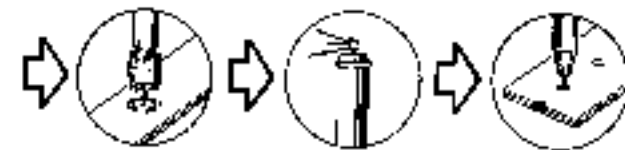
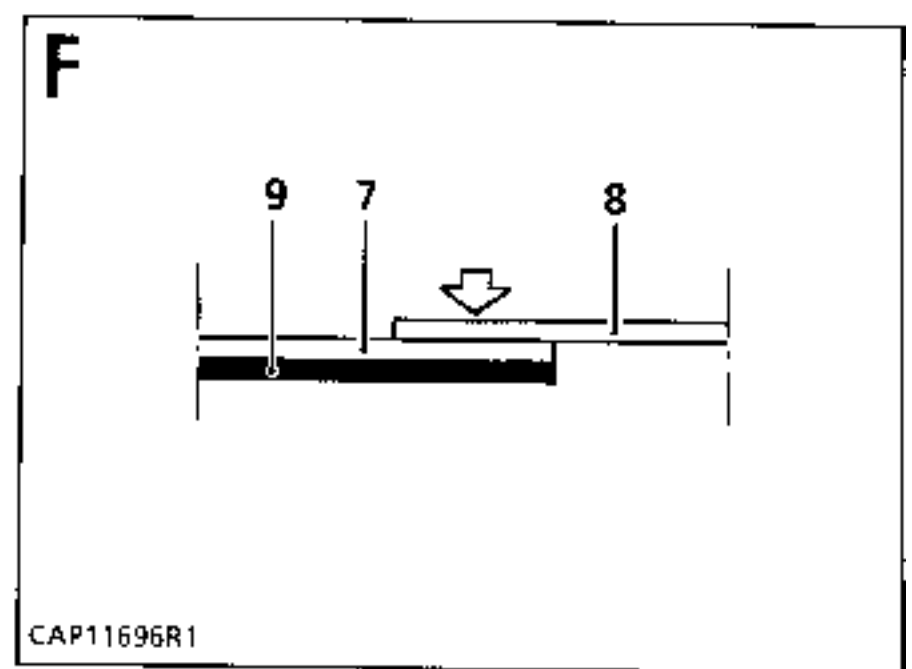
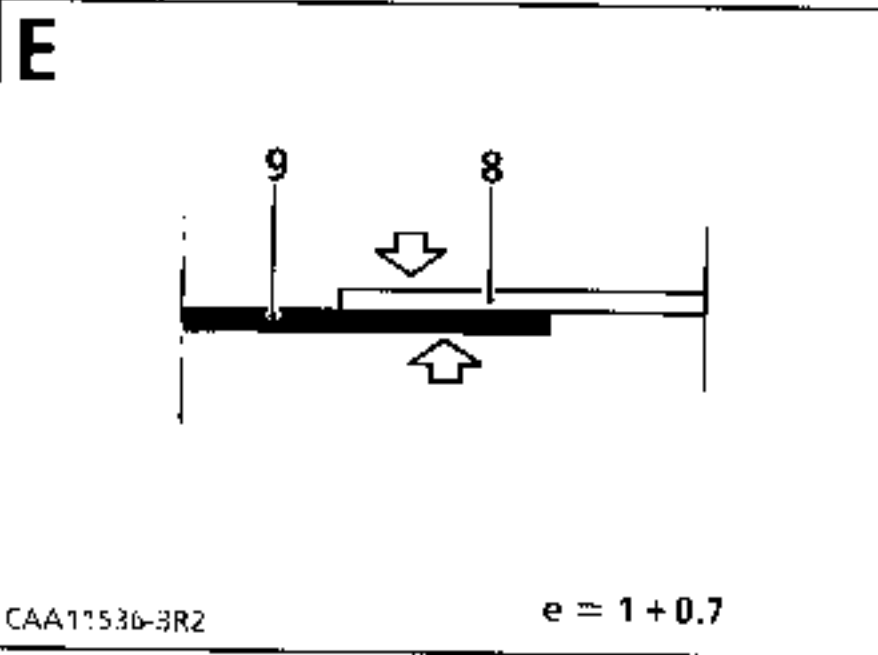
PR54403

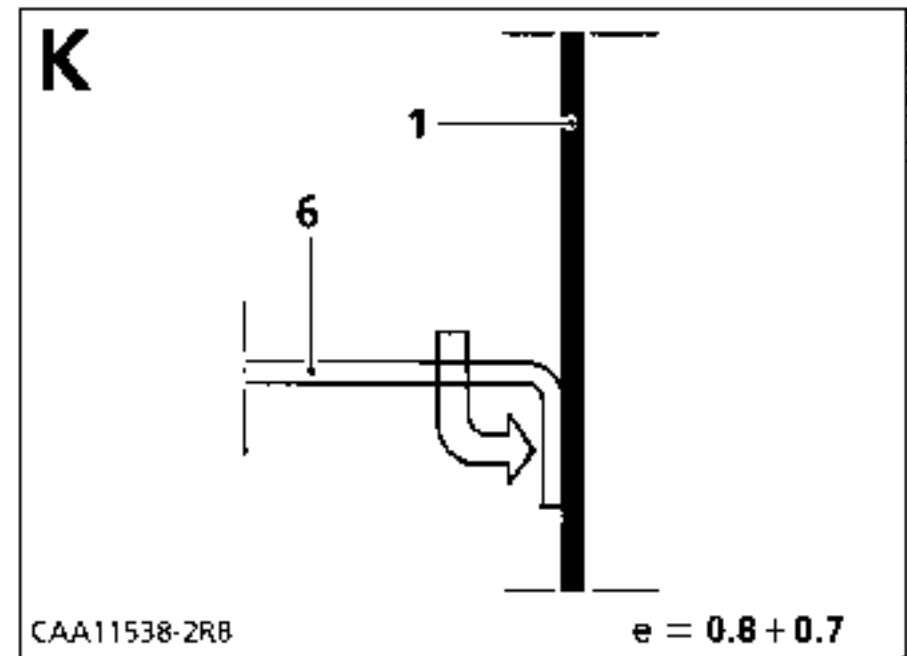
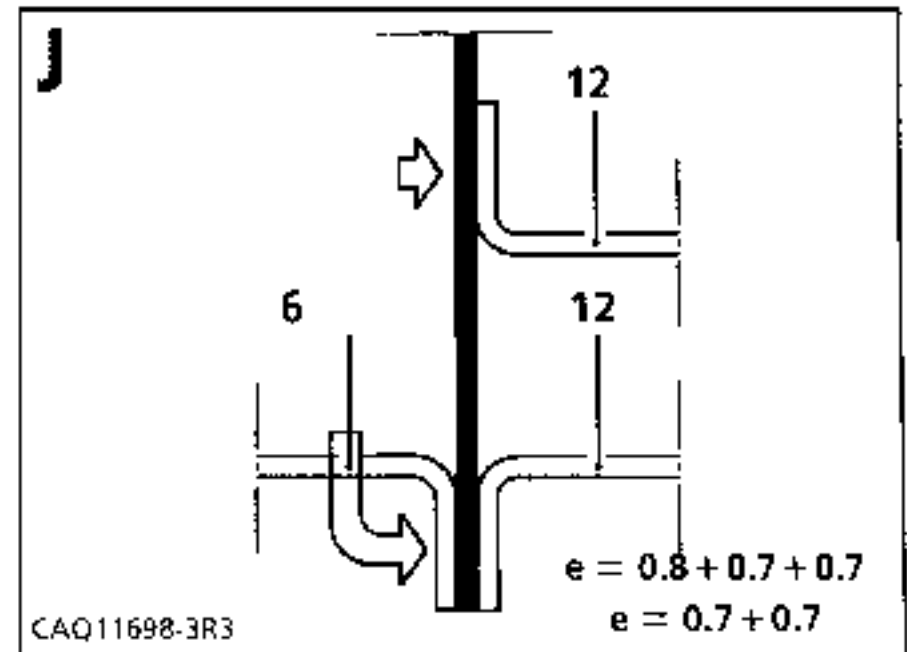
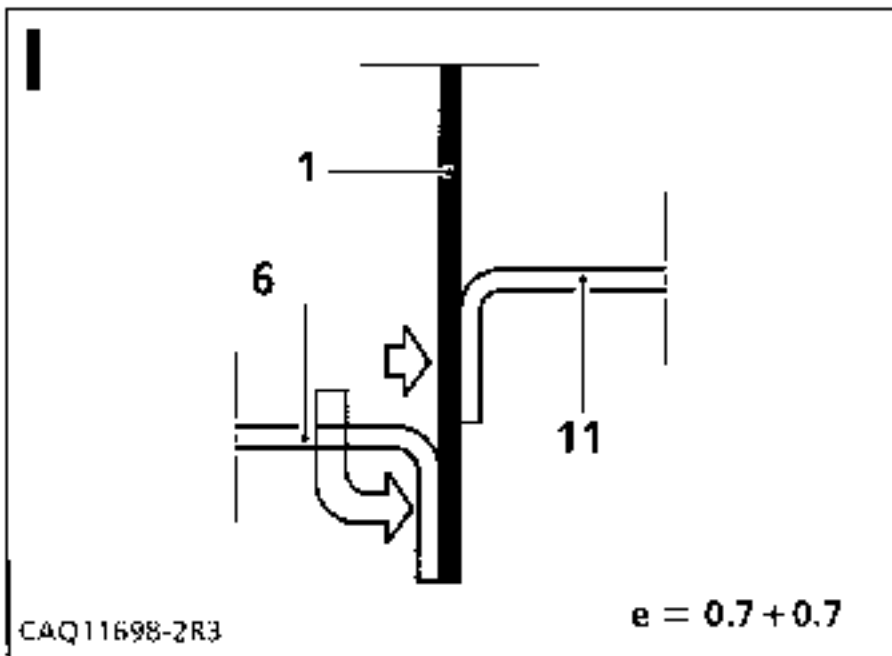
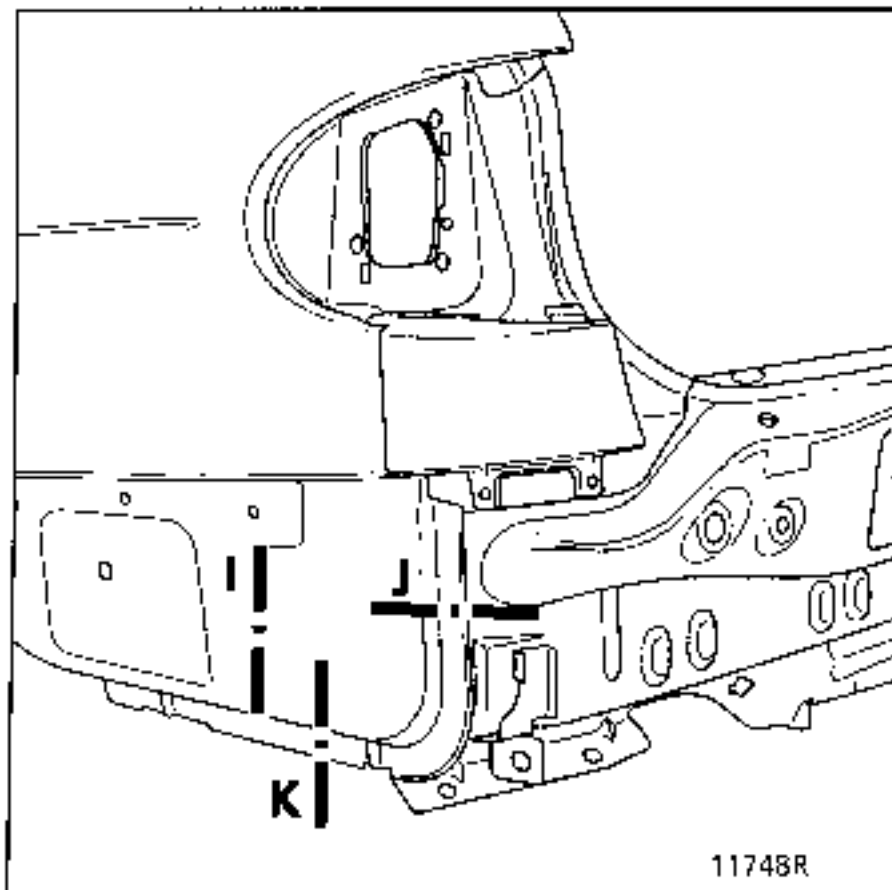


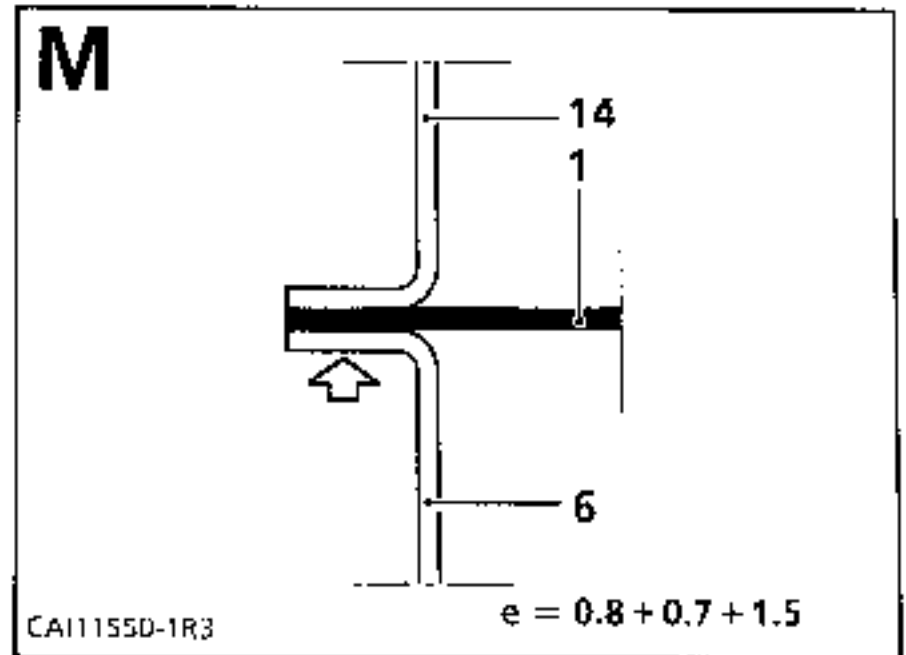
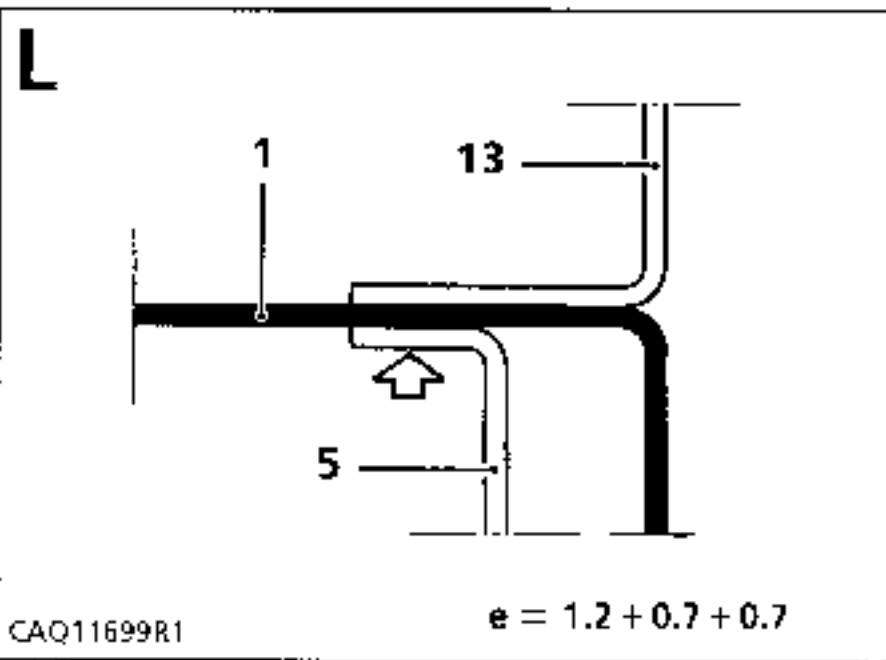
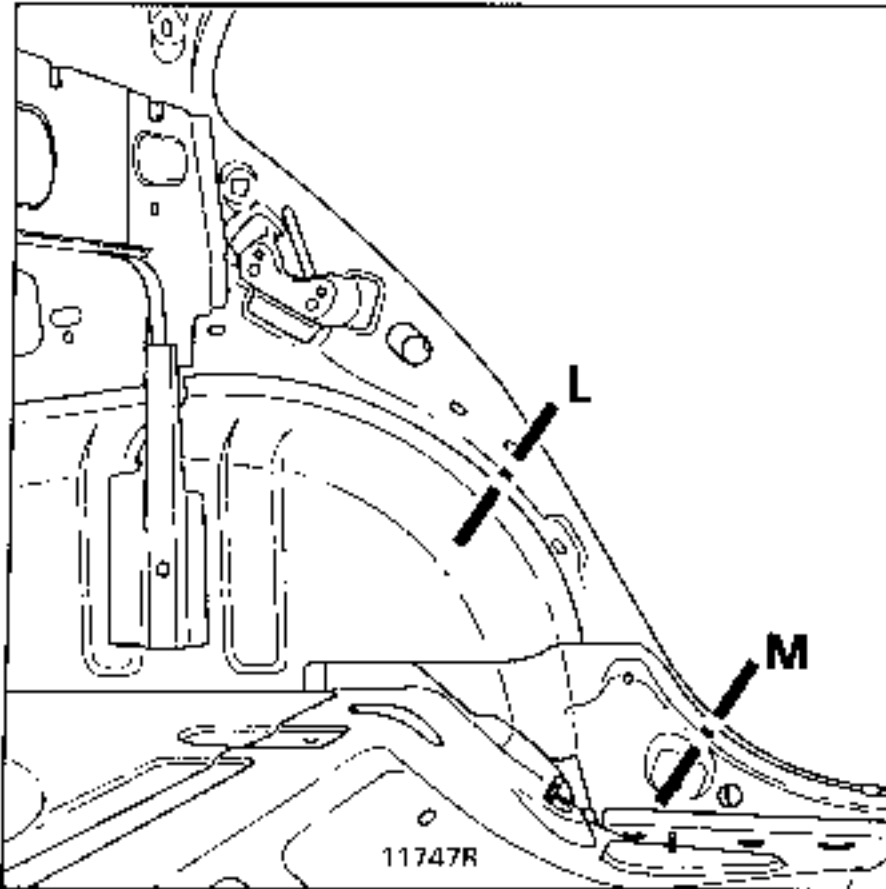




11743R2







INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a wing panel with rear quarter panel lining.

COMPOSITION OF PART FROM PARTS DEPARTMENT

Part assembled with:

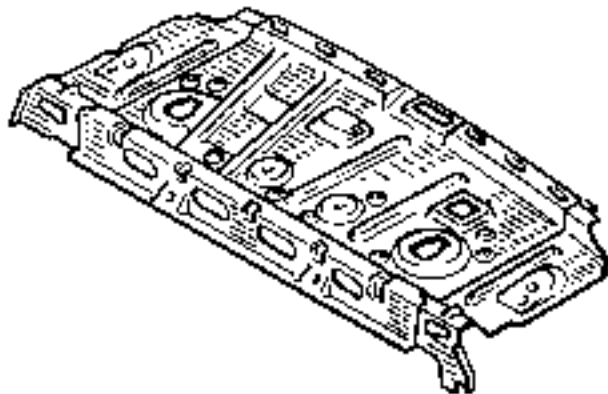
- shelf,
- screen lower cross member,
- Lights mounting bridge.

JOINTS WITH :

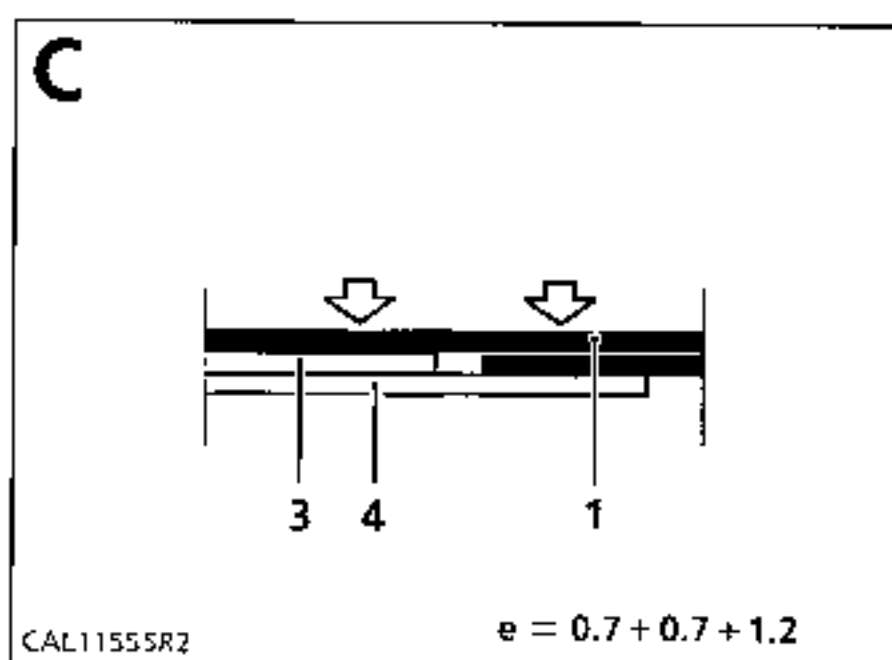
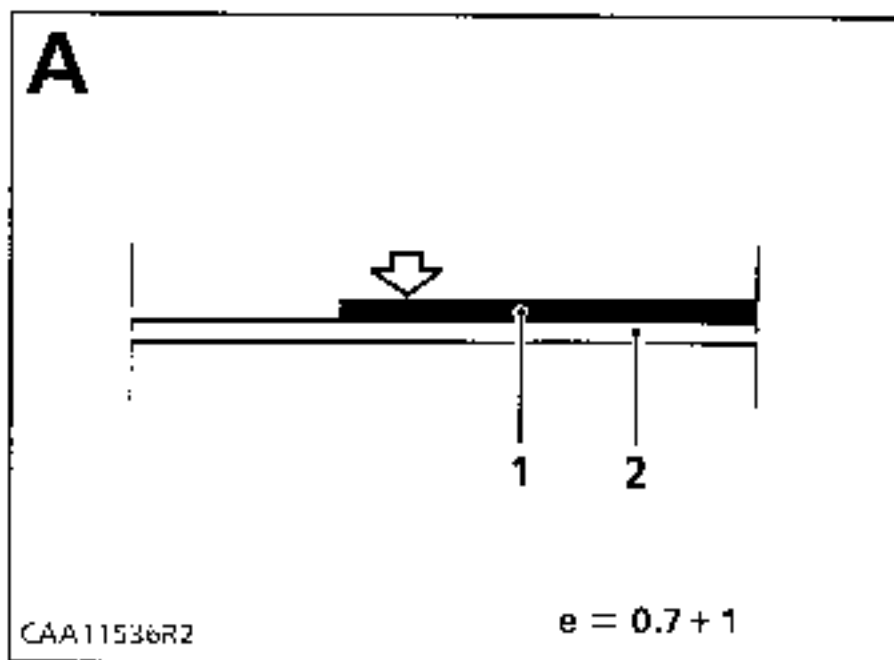
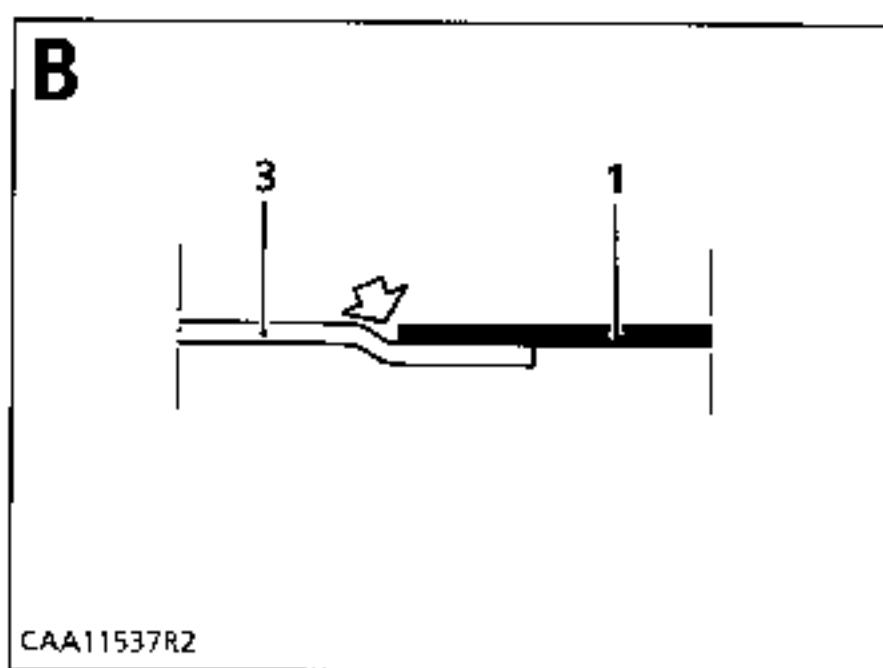
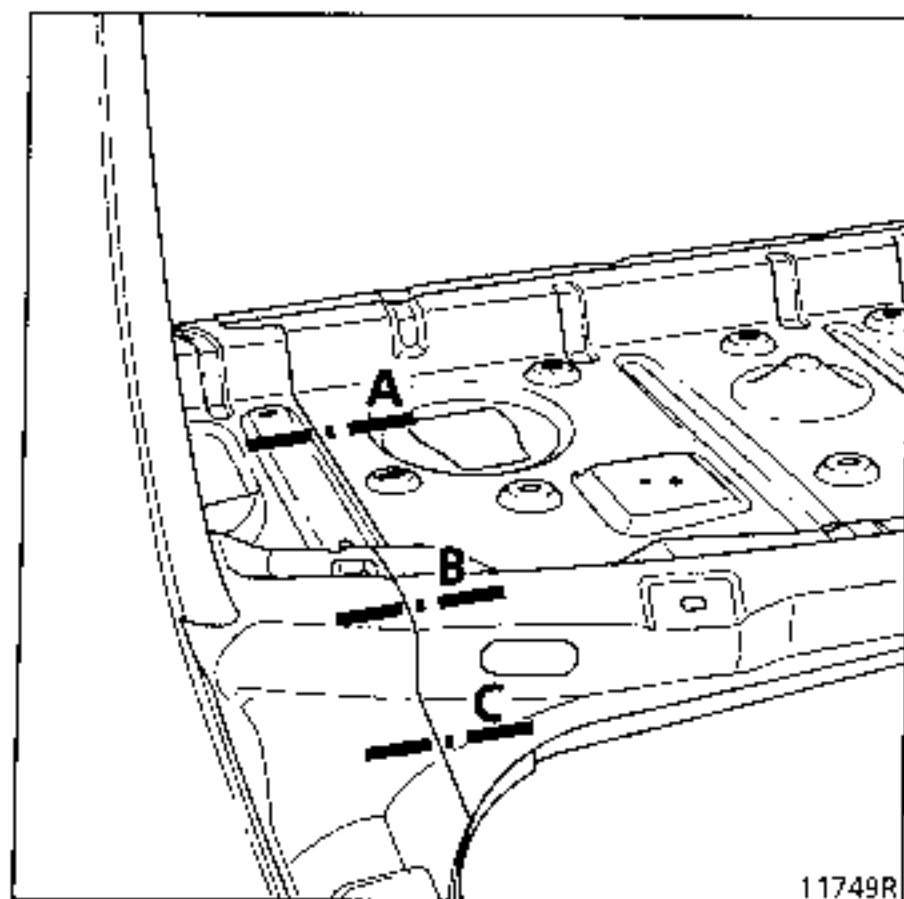
Side shelf
Panel drip moulding
Joint reinforcement

PARTS CONCERNED:

1	Centre shelf	1.0 and 0.7
2	Side shelf	1.0
3	Panel drip moulding	0.7
4	Joint reinforcement	1.2



PRS4404

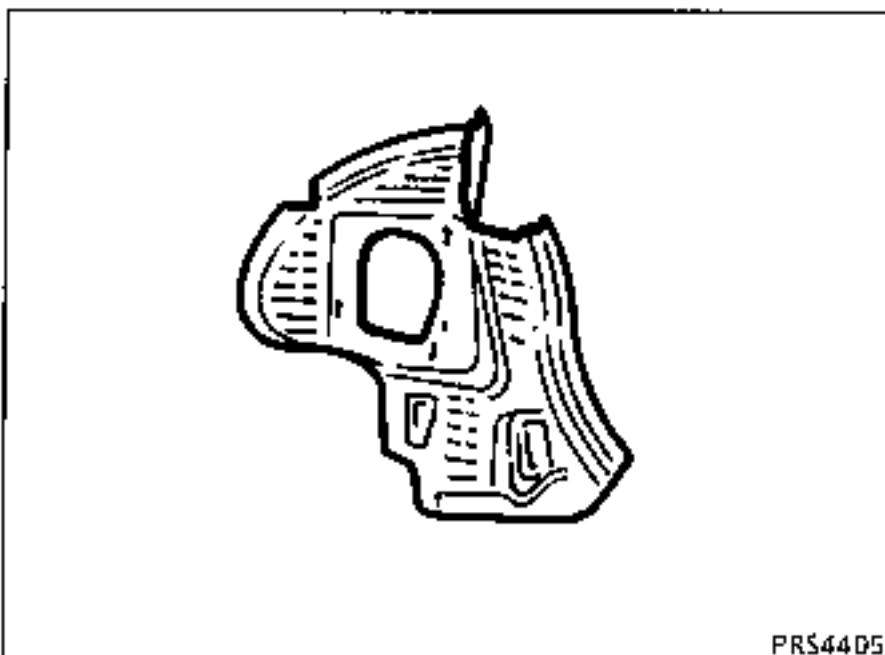


INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a wing panel or the rear end panel.

COMPOSITION OF PART FROM PARTS DEPARTMENT

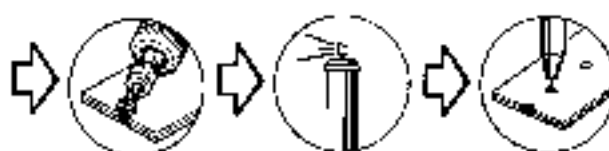
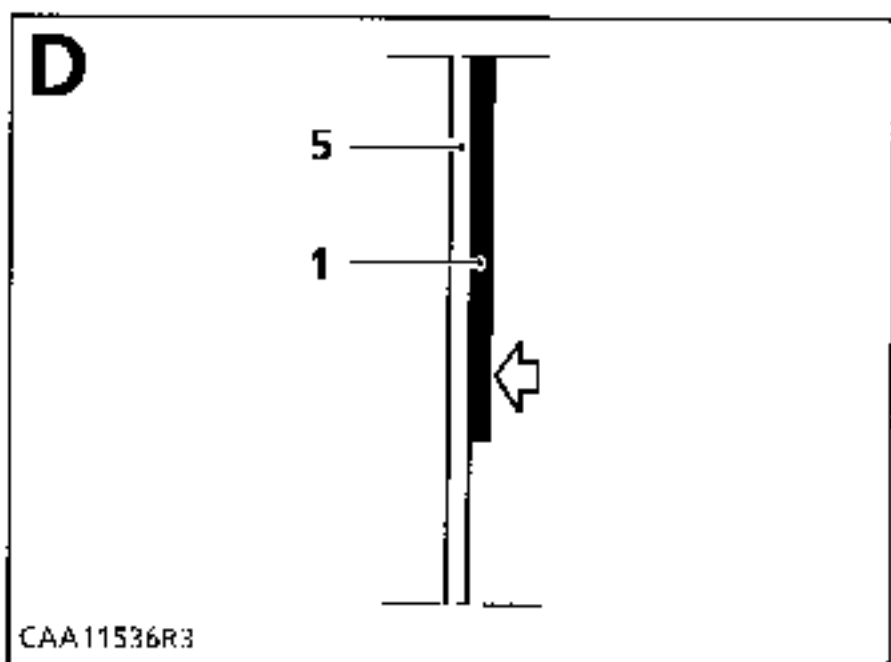
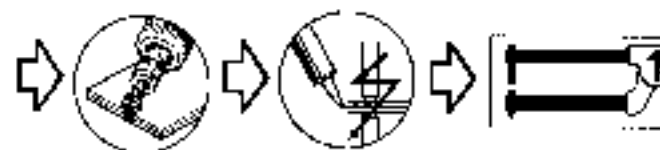
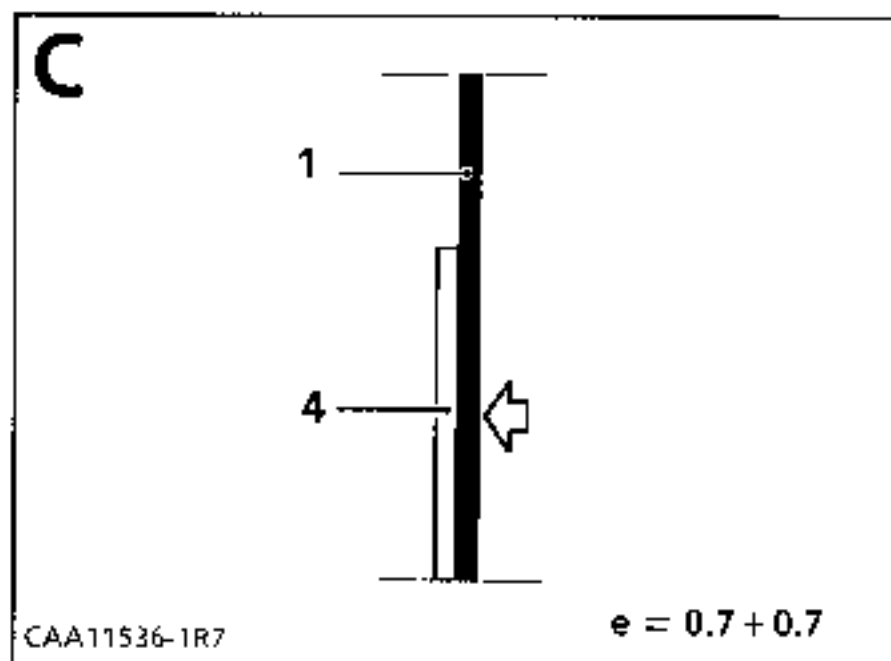
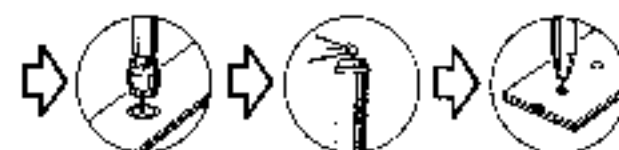
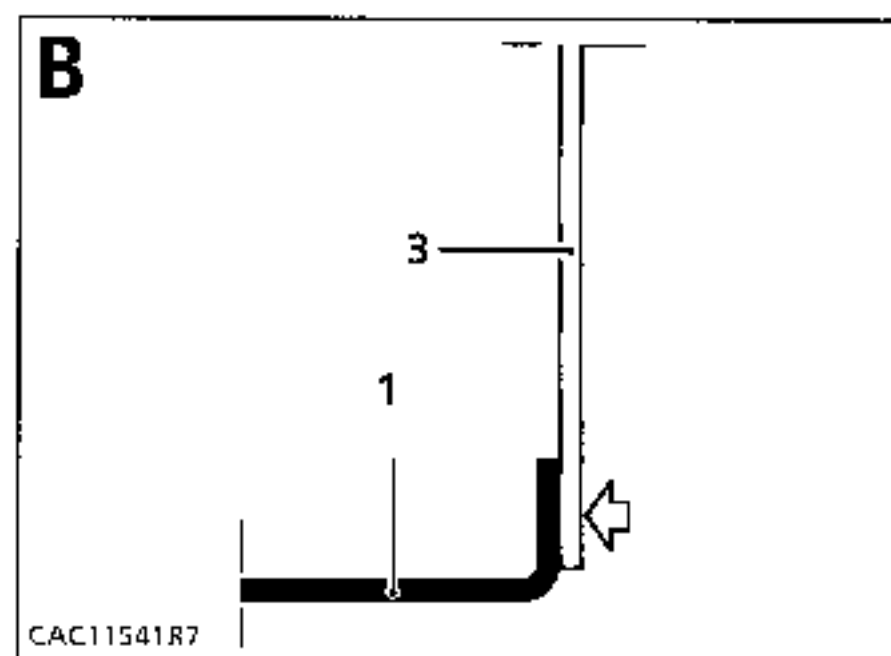
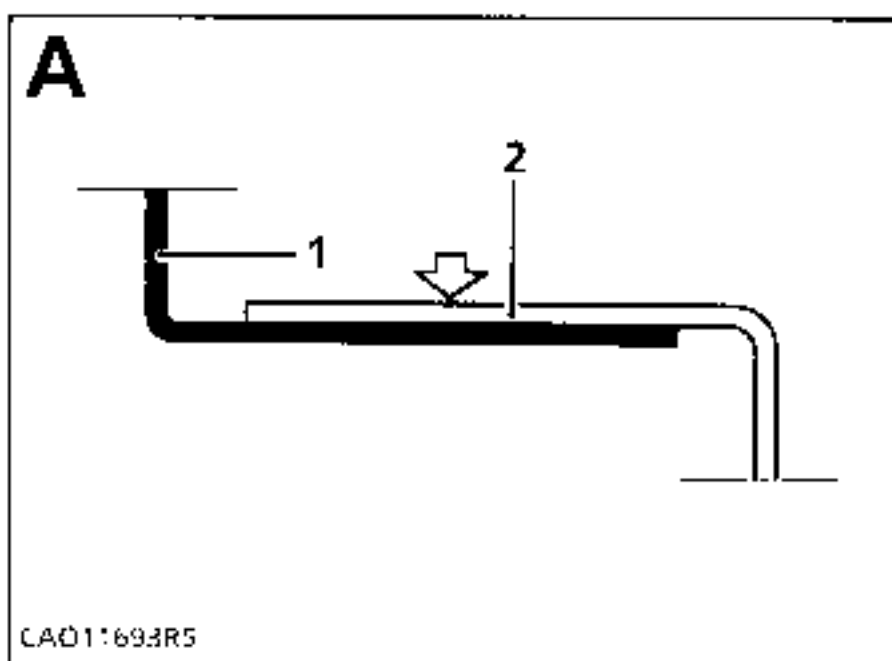
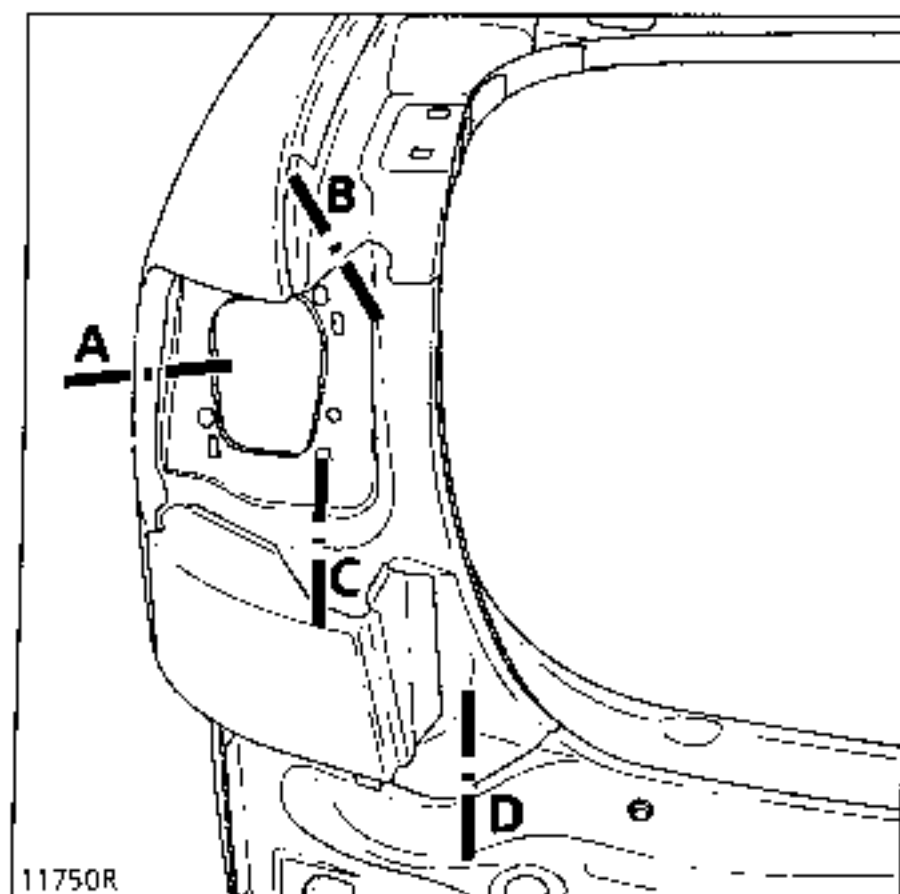
Single part.

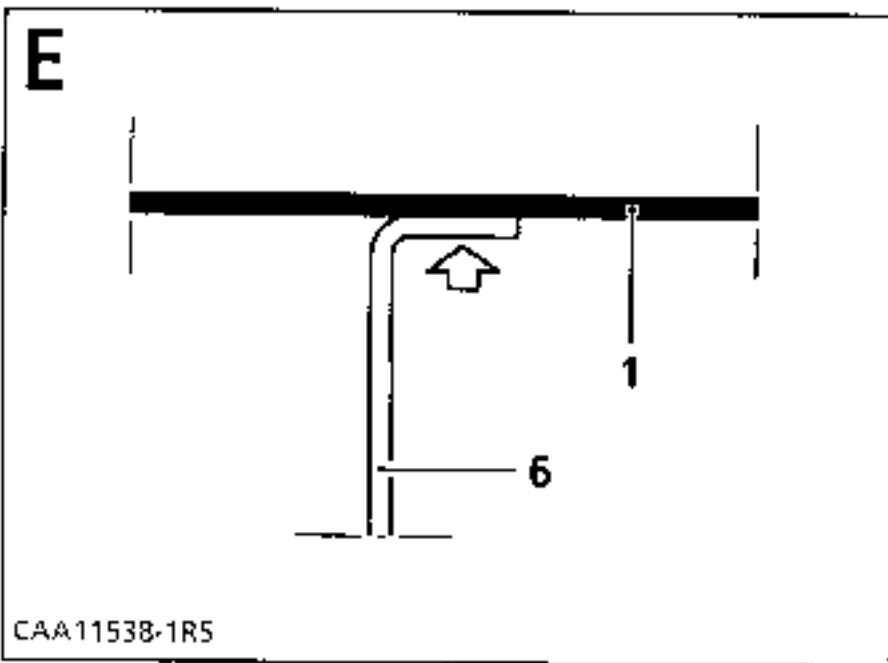
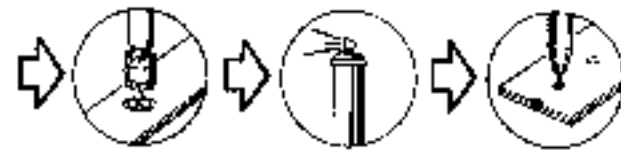
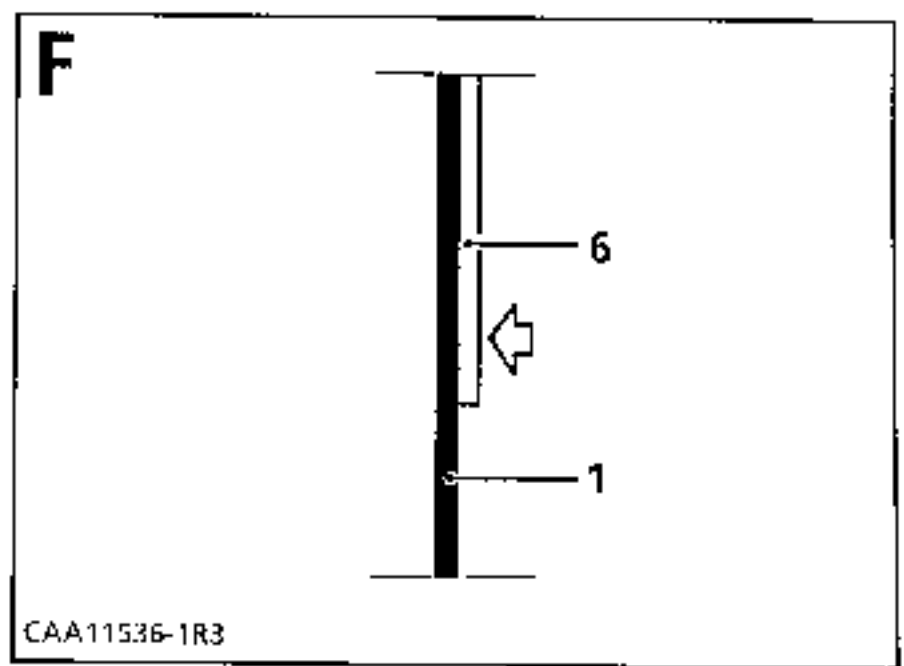
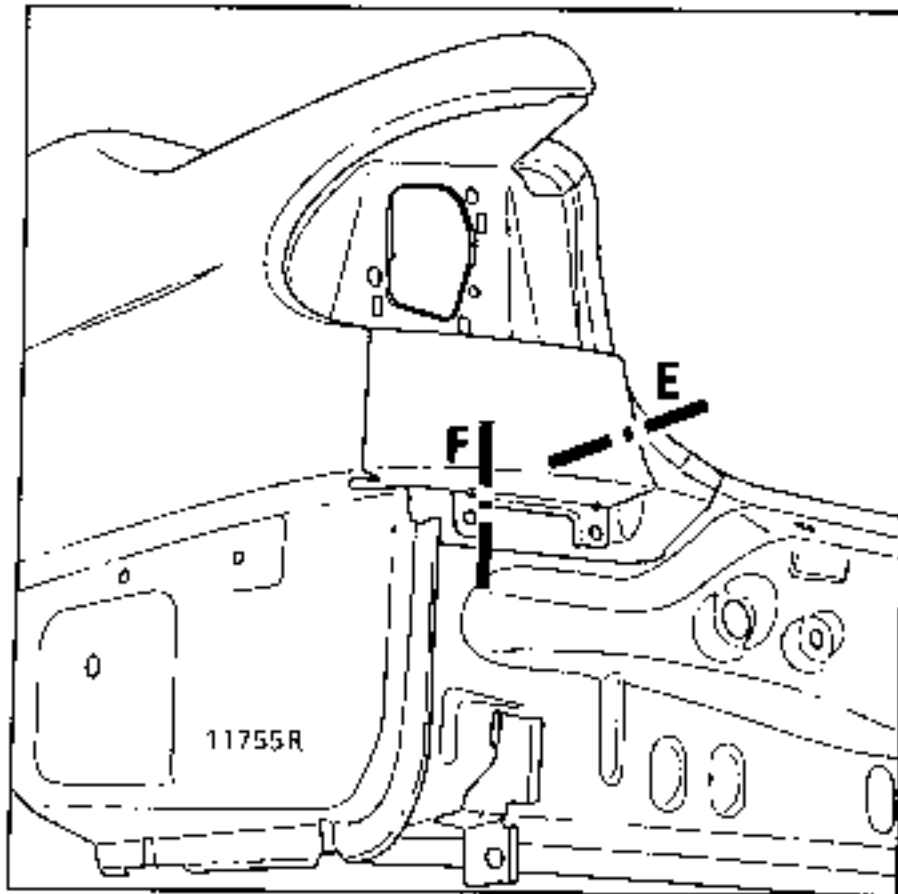
**JOINTS WITH :**

Wing panel
Wing panel drip moulding
Rear end panel assembly
Wing panel extension

PARTS CONCERNED:

1	Lights mounting	0.7
2	Wing panel	0.8
3	Panel drip moulding	0.7
4	Rear end panel lining	0.7
5	Rear end panel	0.7
6	Panel extension	0.8





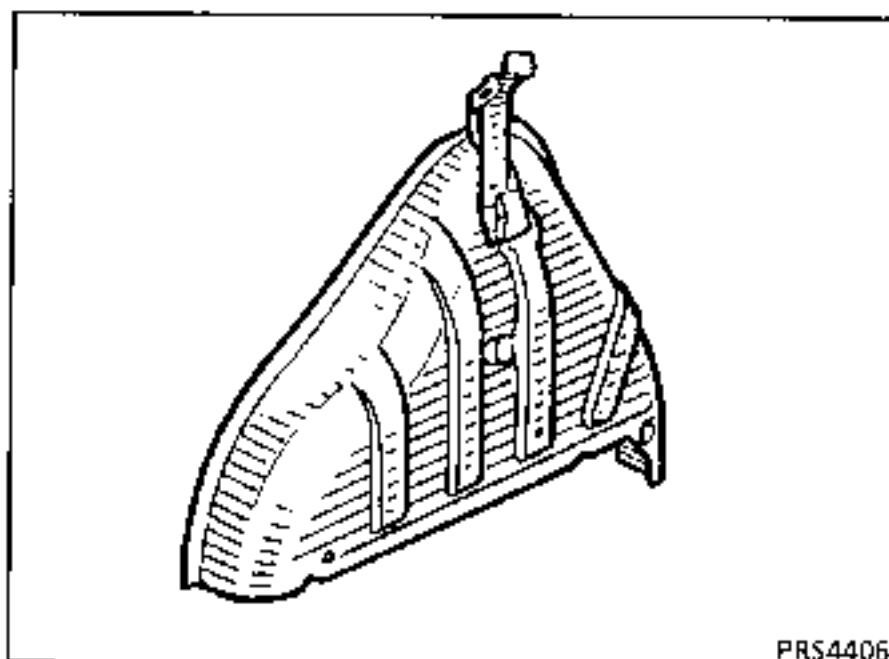
INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a wing panel with rear quarter panel lining or rear floor unit.

For details of the operation refer to the basic manual (B64) 44-G.

COMPOSITION OF PART FROM PARTS DEPARTMENT

Part assembled with side shelf extension.

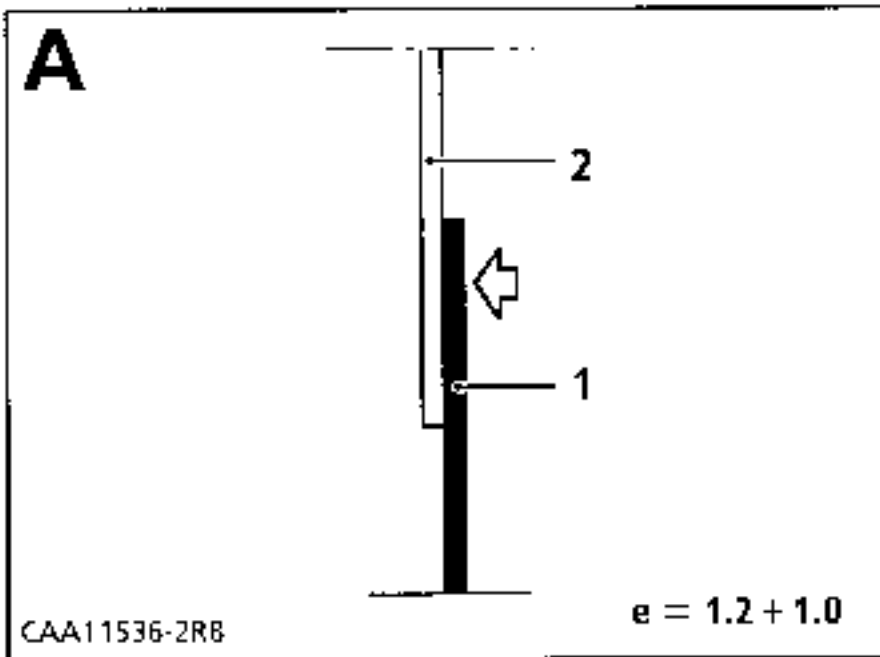
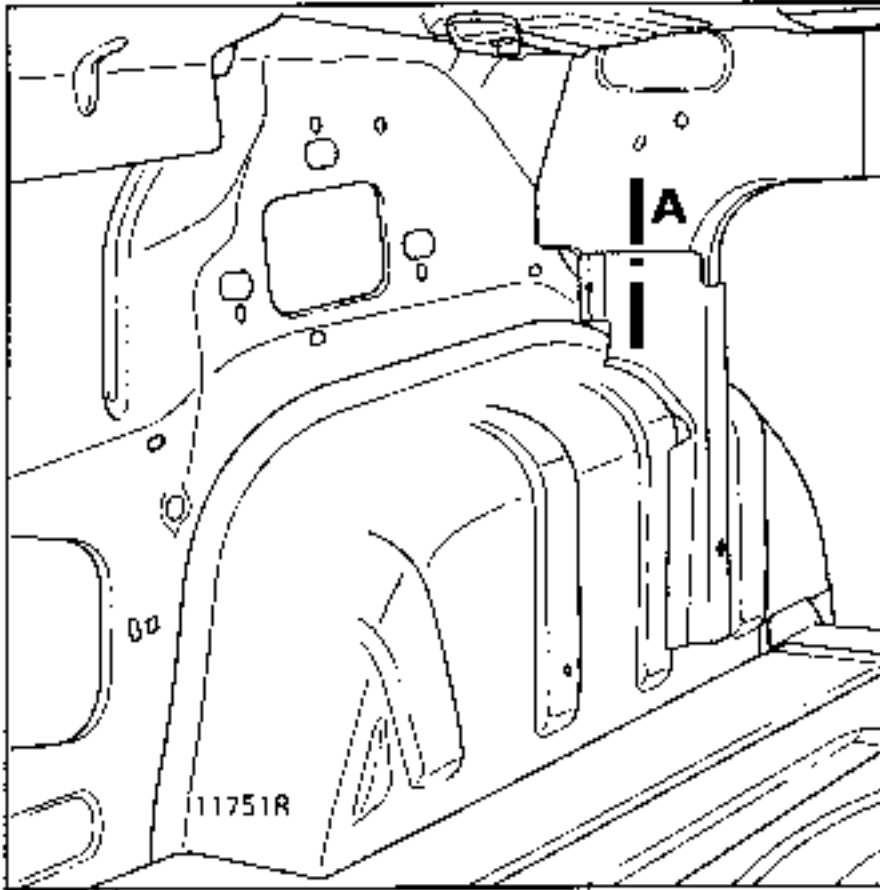


JOINTS WITH :

Side shelf

PARTS CONCERNED:

- | | | |
|---|----------------------|-----|
| 1 | Side shelf extension | 1.2 |
| 2 | Side shelf | 1.0 |

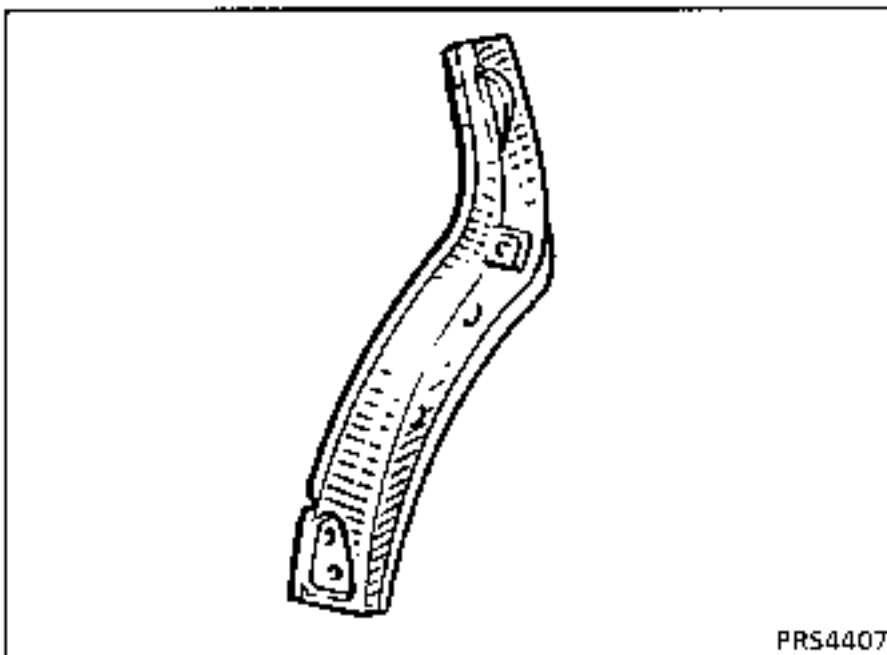


INTRODUCTION

The replacement of this part is a complementary operation to the replacement of the rear quarter panel lining or the outer wheel arch, part section.

COMPOSITION OF PART FROM PARTS DEPARTMENT

Single part.

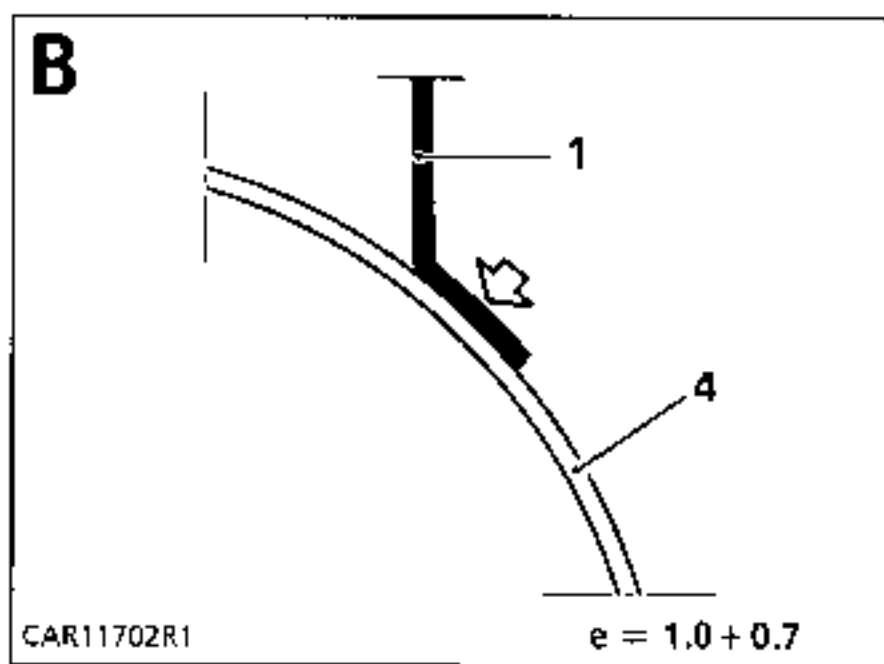
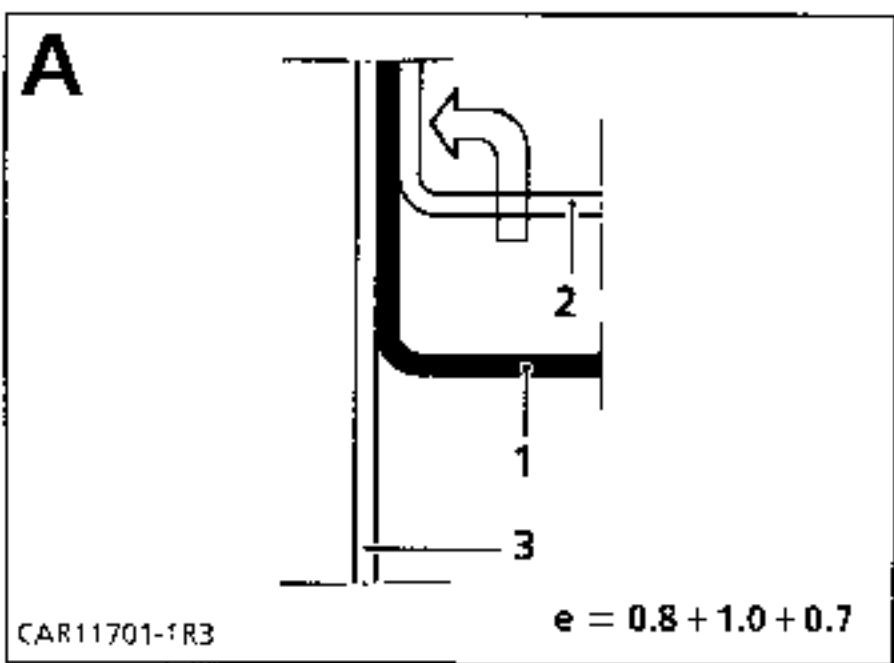
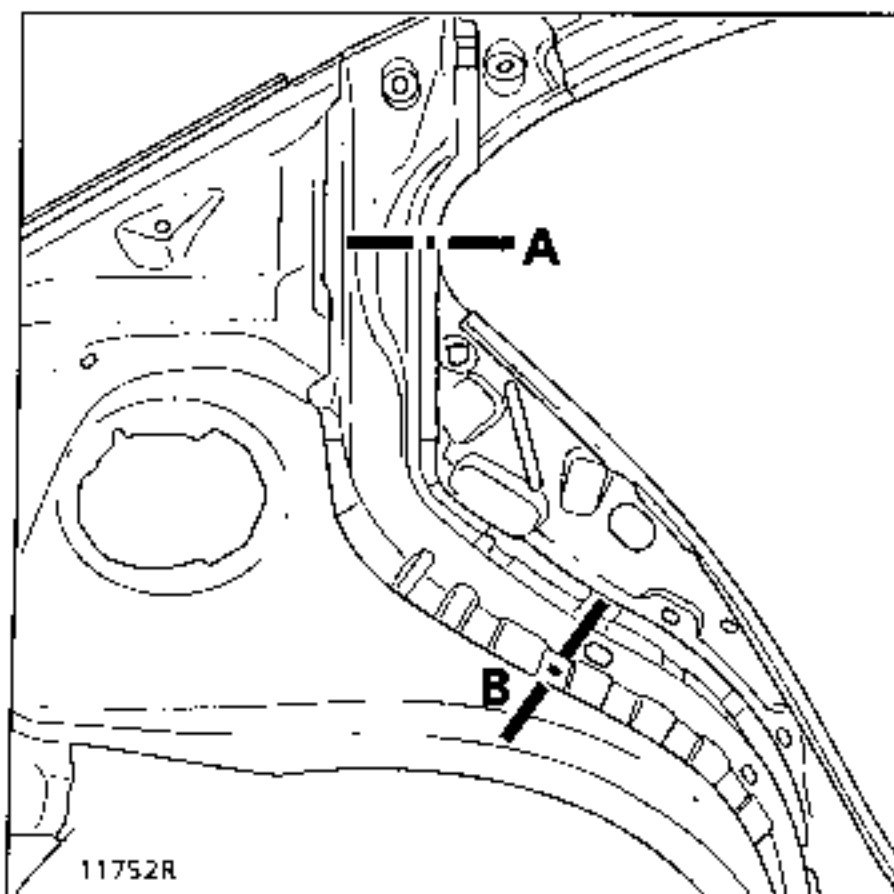


JOINTS WITH :

Wing panel
Rear quarter panel lining
Outer wheel arch

PARTS CONCERNED:

1	Rear pillar reinforcement	1.0
2	Wing panel	0.8
3	Rear quarter panel lining	0.7
4	Outer wheel arch	0.7



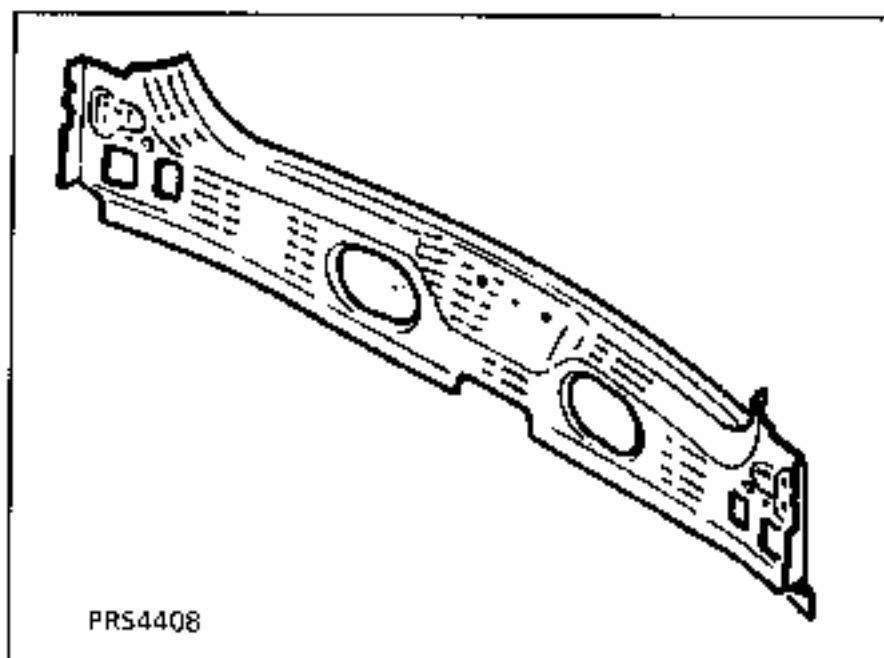
INTRODUCTION

The replacement of this part is a basic operation for a rear impact.

COMPOSITION OF PART FROM PARTS DEPARTMENT

Part assembled with:

- rear end panel,
- rear end panel lining,
- lock reinforcement.

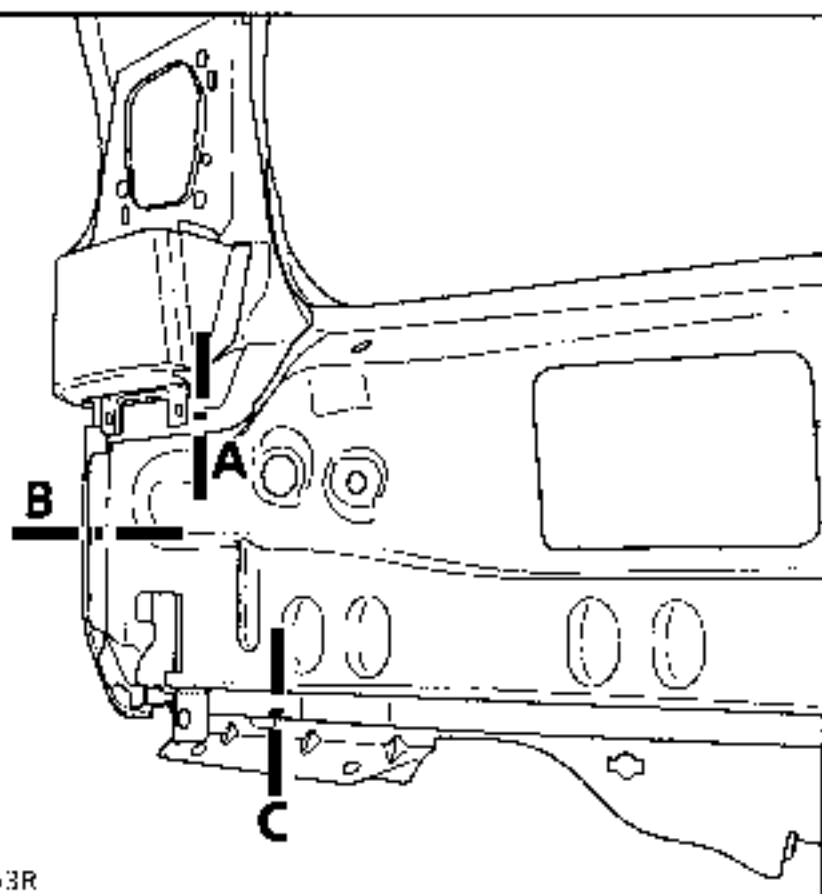


JOINTS WITH :

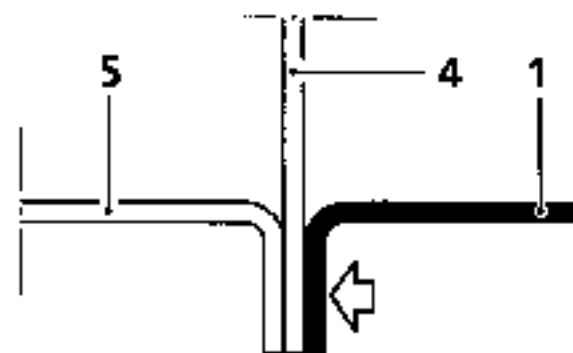
Rear quarter panel lining
Lights mounting
Wing panel
Rear end cross member

PARTS CONCERNED:

1	Rear end panel	0.7
2	Rear end panel lining	0.7
3	Lights mounting	0.7
4	Rear quarter panel lining	0.7
5	Wing panel	0.8
6	Rear end cross member	0.8



B

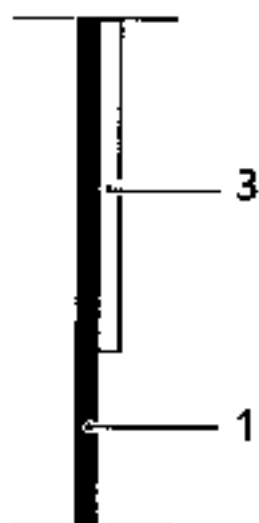


CAI11550-2R1

$$e = 0.7 + 0.7 + 0.8$$



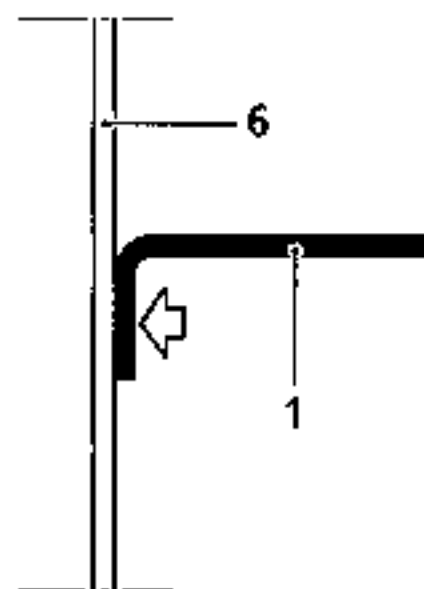
A



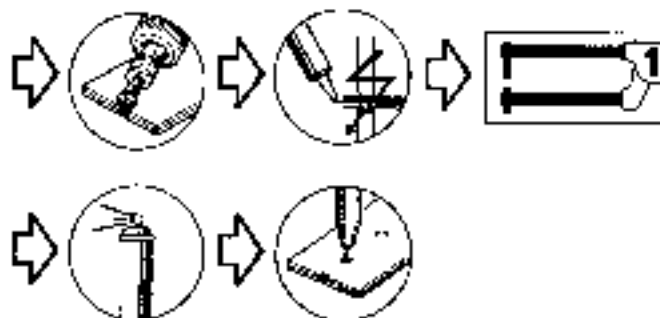
CAA11536-1R3

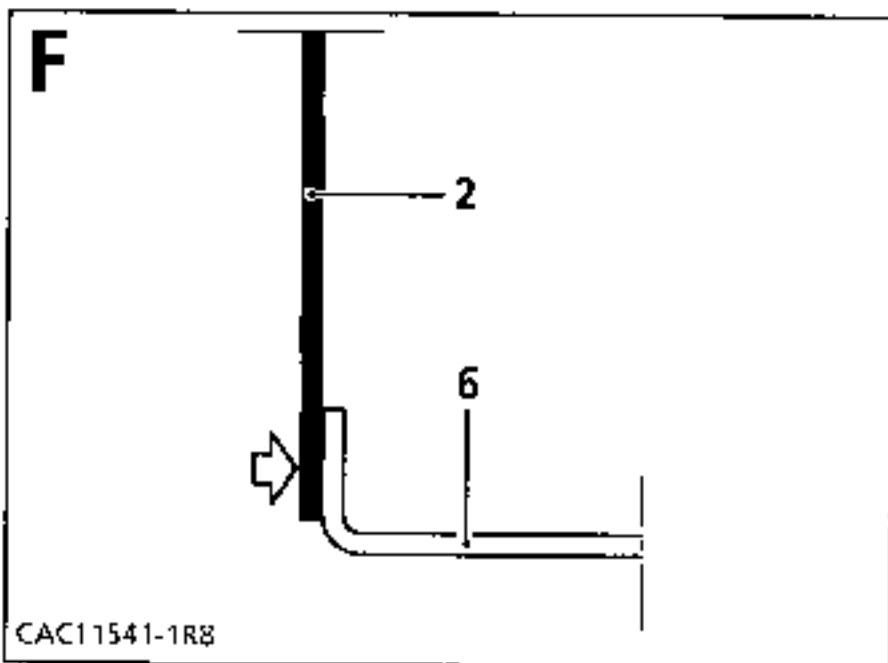
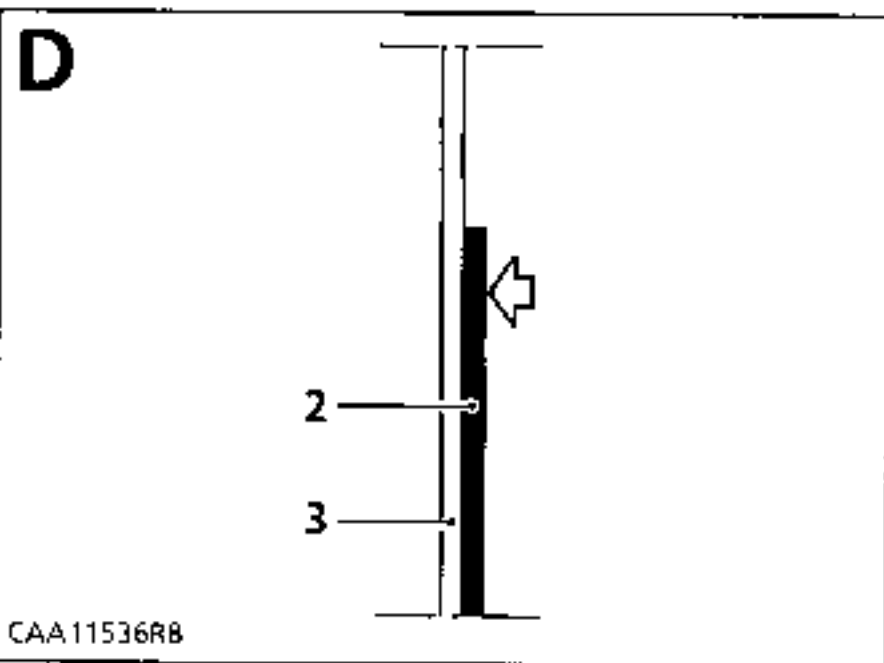
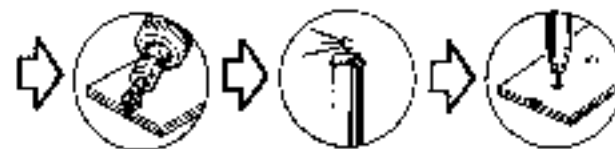
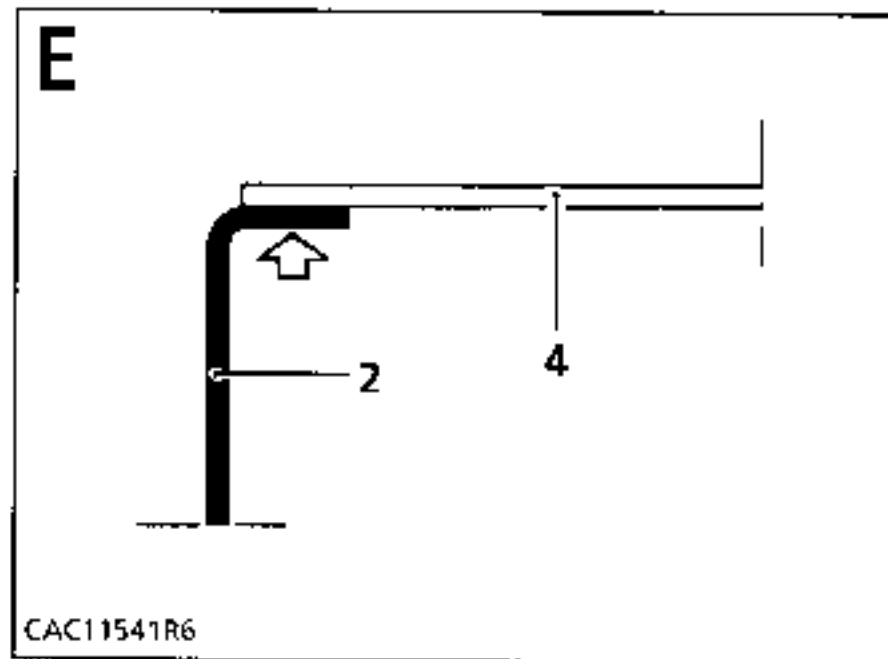
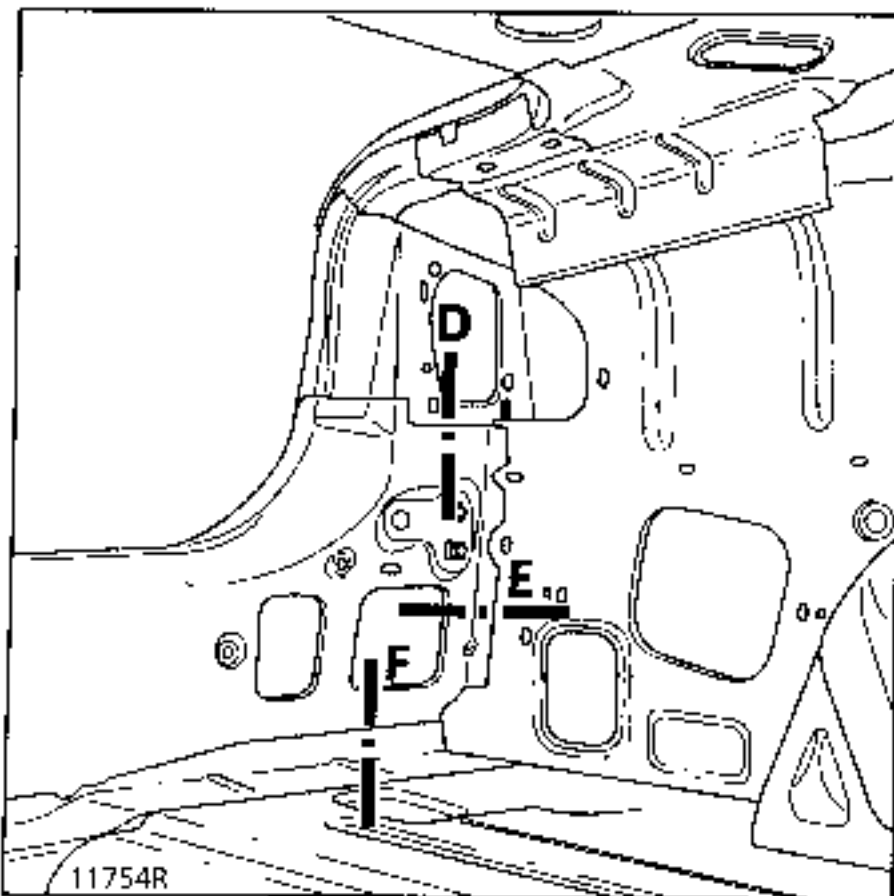


C



CAA11538R8



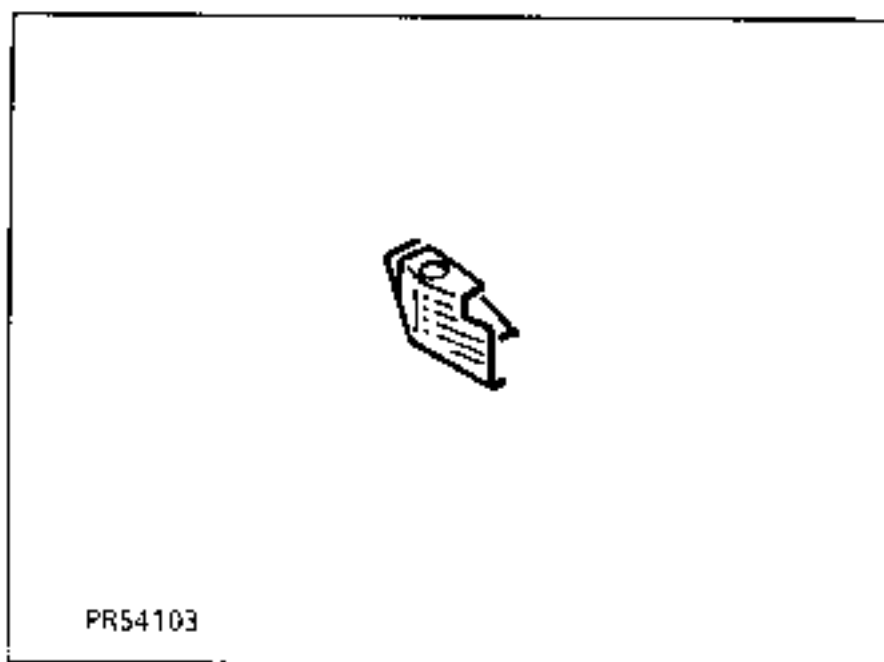


INTRODUCTION

The replacement of this part is a complementary operation to the replacement of a wing panel, the rear end panel

COMPOSITION OF PART FROM PARTS DEPARTMENT

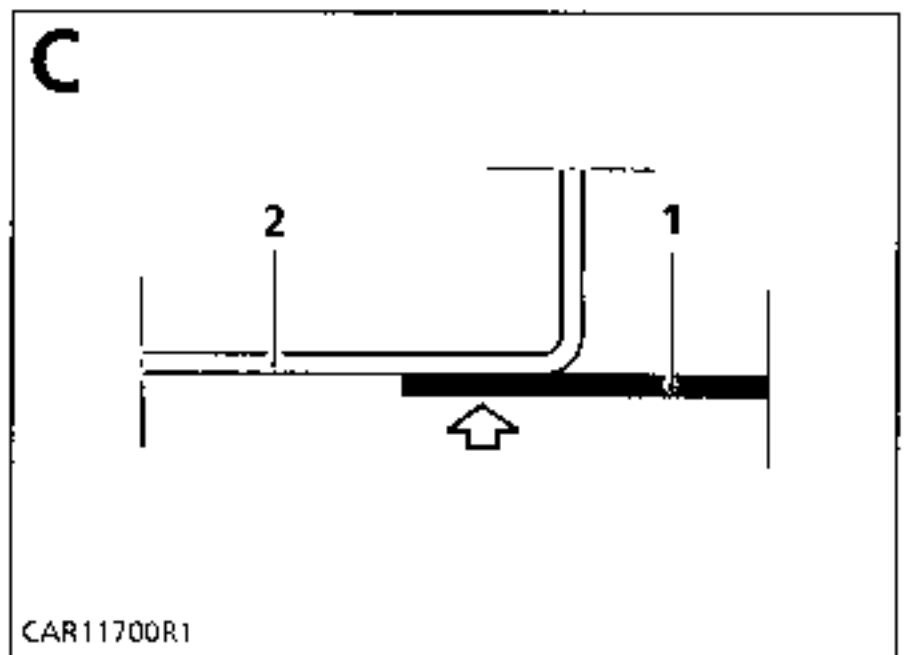
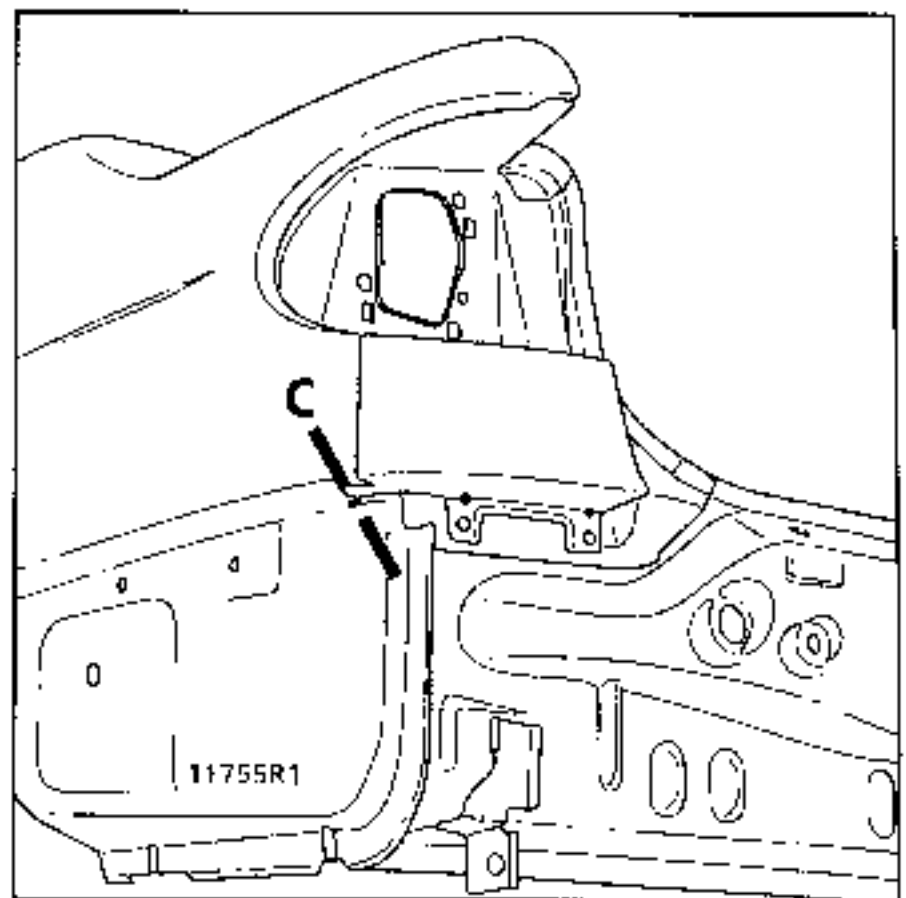
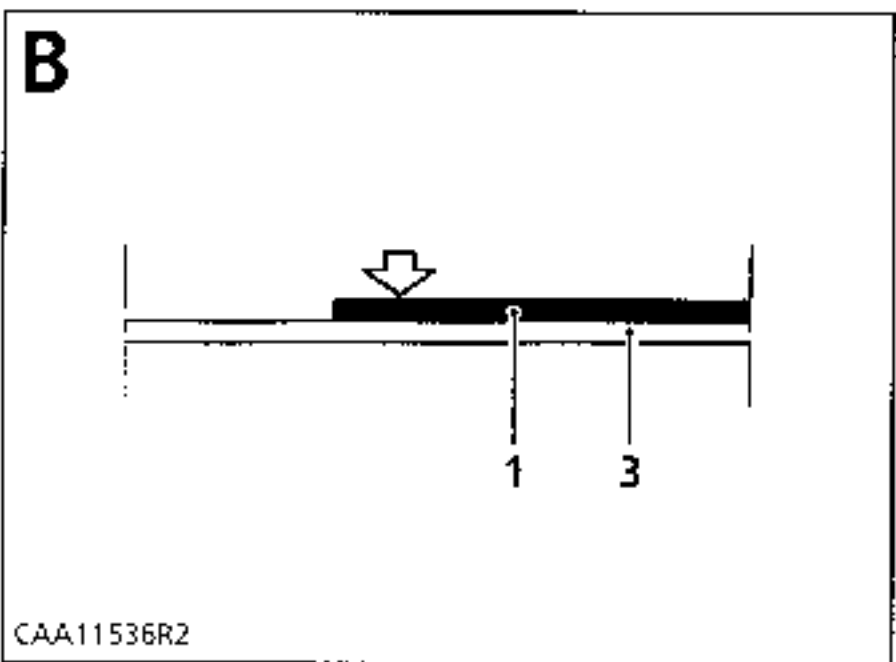
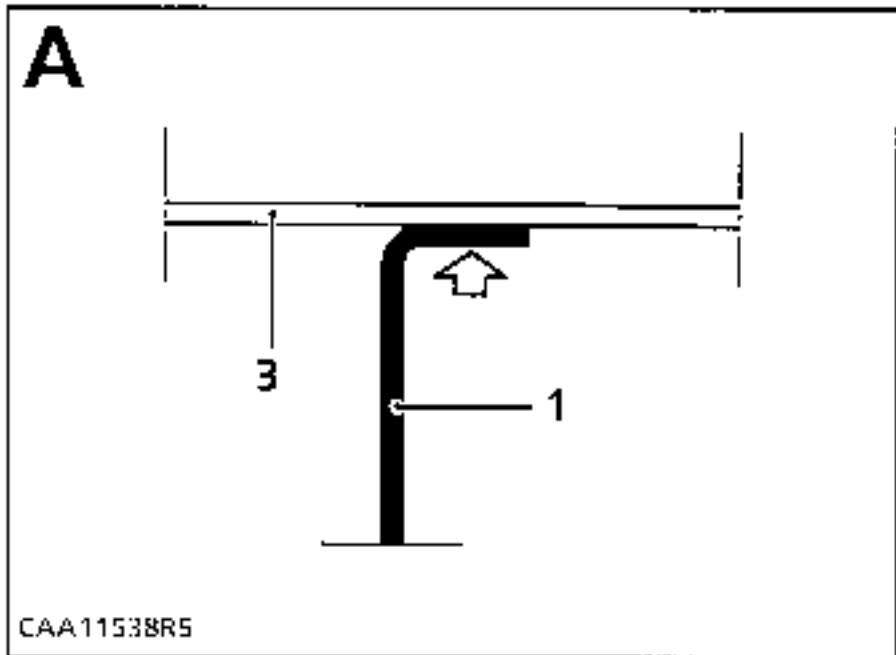
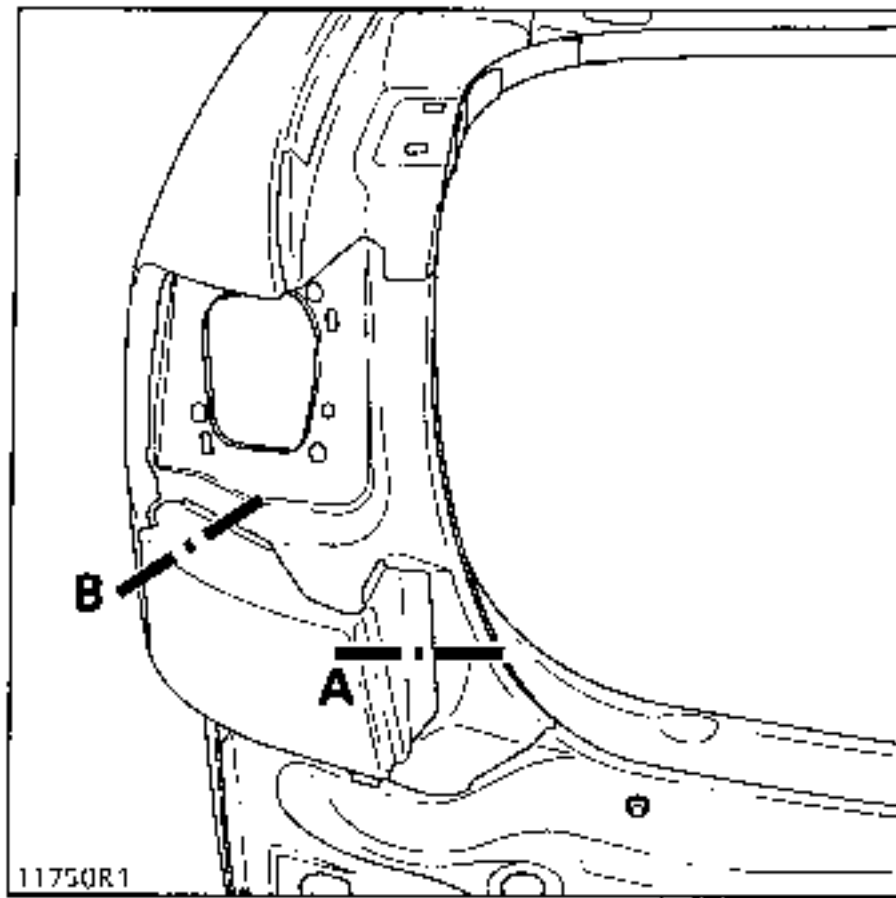
Single part.

**JOINTS WITH :**

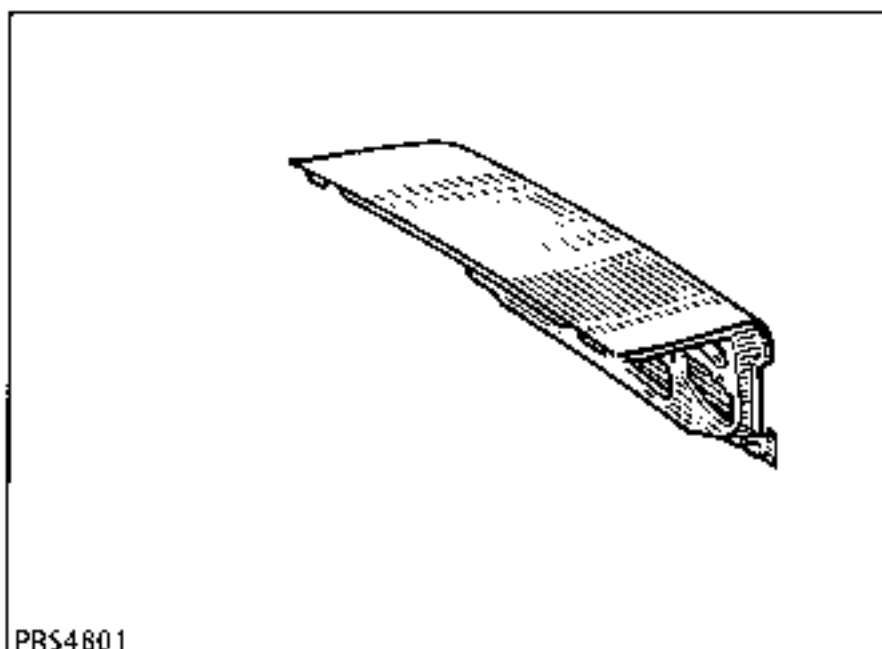
Wing panel
Lights mounting

PARTS CONCERNED;

1	Panel extension	0.8
2	Wing panel	0.8
3	Lights mounting	0.7



COMPOSITION OF PART FROM PARTS DEPARTMENT



REMOVAL - REFITTING

Remove the four bolts(A) which mount the lid to the struts (note the position if necessary).

Retain the adjusting shims which must be repositioned on refitting.

Remove the balancers and the electrical wiring.

When refitting, carry out the adjusting operations described below.

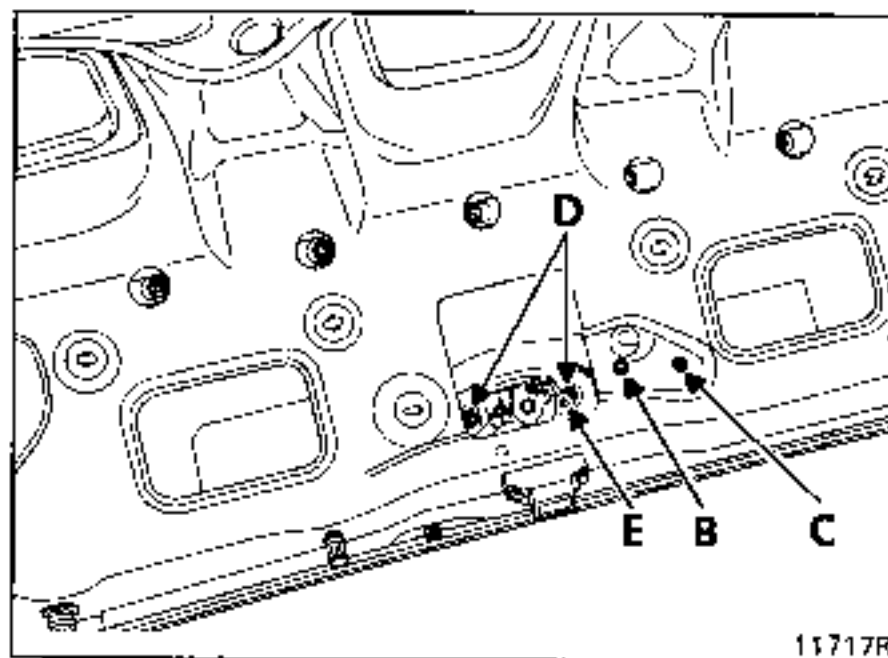
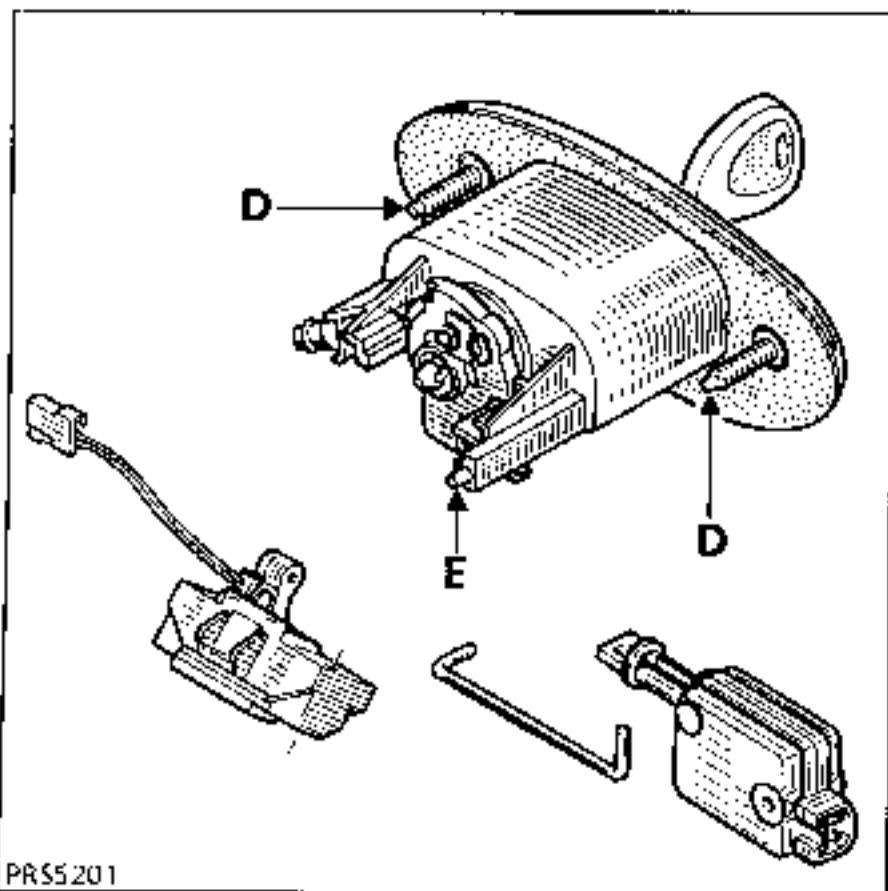
NOTE : when removing one of the struts, the seal between the strut plate and the bodywork must be remade.

ADJUSTMENTS

Peripheral play is adjusted using mountings (A).

The upper section clearance is adjusted using shims (C) between the strut and the boot lid. The lower clearance is adjusted using the rubber stops (B).

NOTE : in all these cases of adjustment, always begin by adjusting contact at the struts, before adjusting the lock.



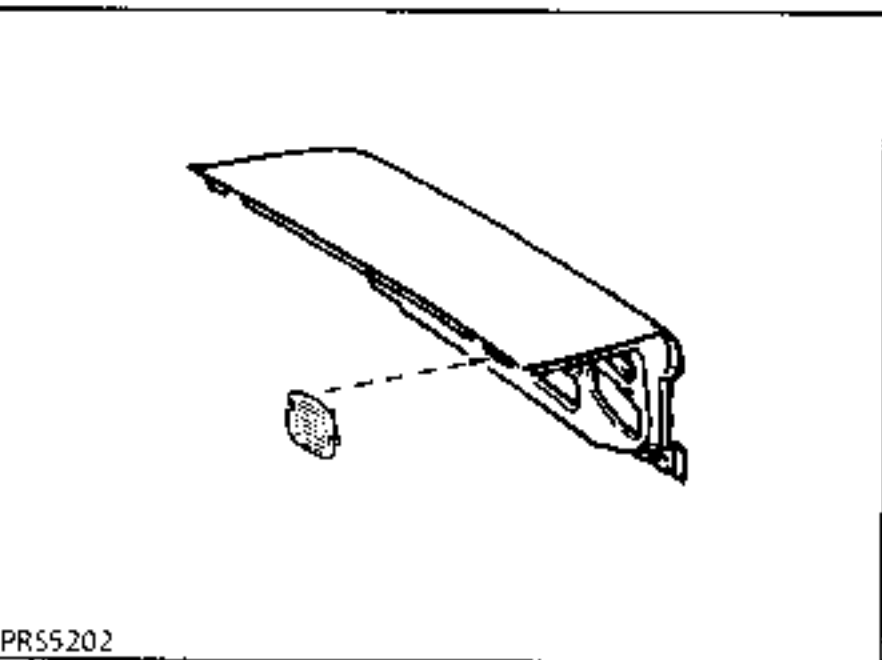
Remove:

- the clip (B) retaining the locking motor on the bodywork using unpicking pliers,
- the motor mounting bolt (C) and remove its connector.

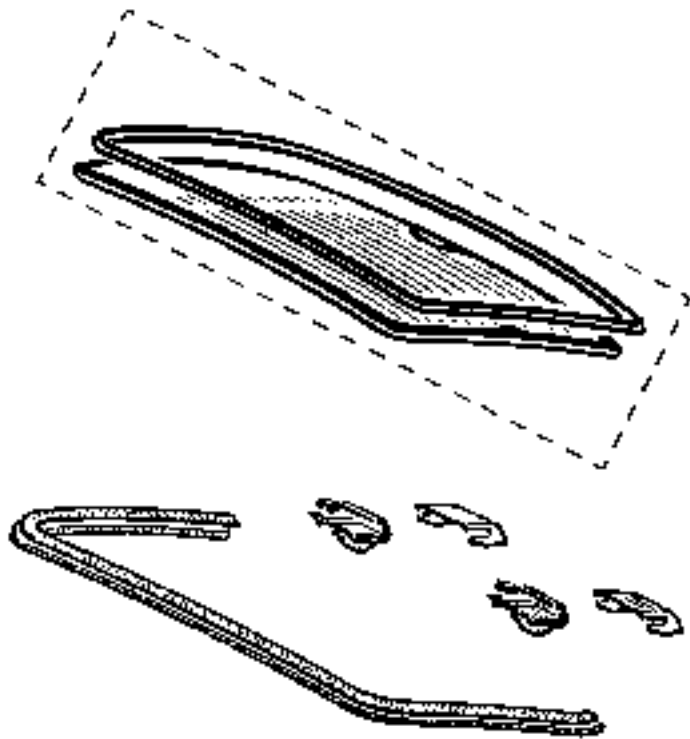
Release:

- the lock control linkage,
- the base of the water drain pipe from its location on the bodywork.

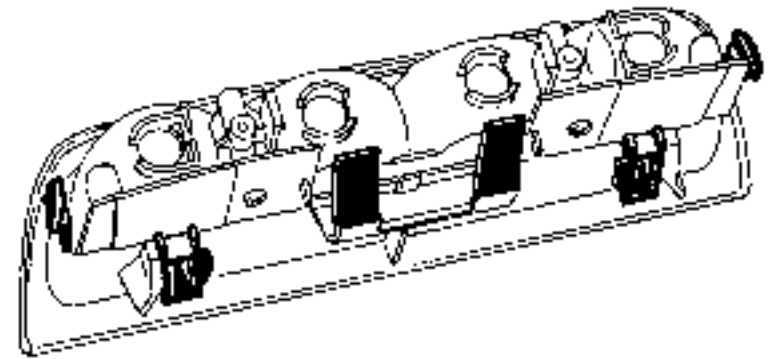
Remove the two mounting bolts from the handle / lock barrel assembly (D) and remove the clip (E).



Remove the cover.



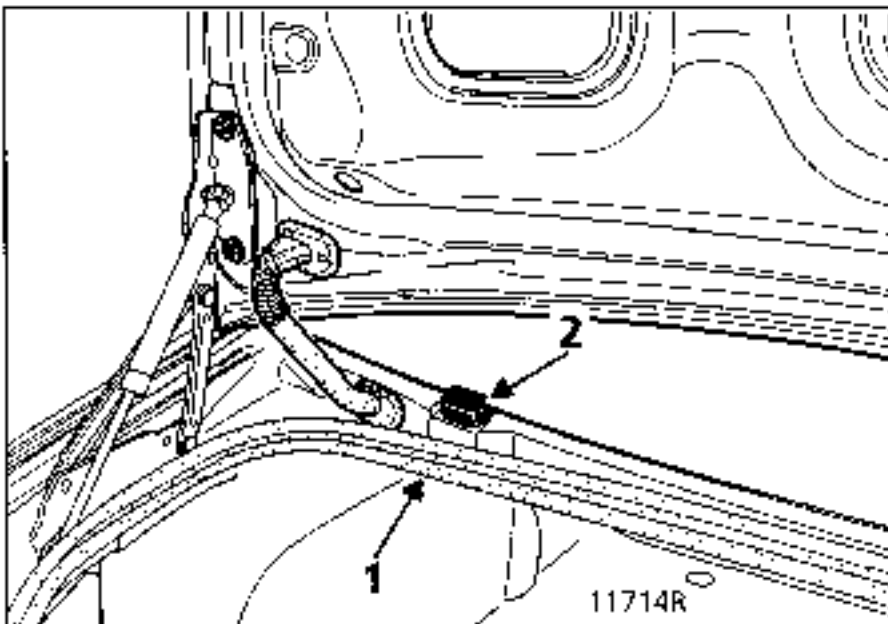
PR55401



116215

Remove the 3rd stop light (see 74A).

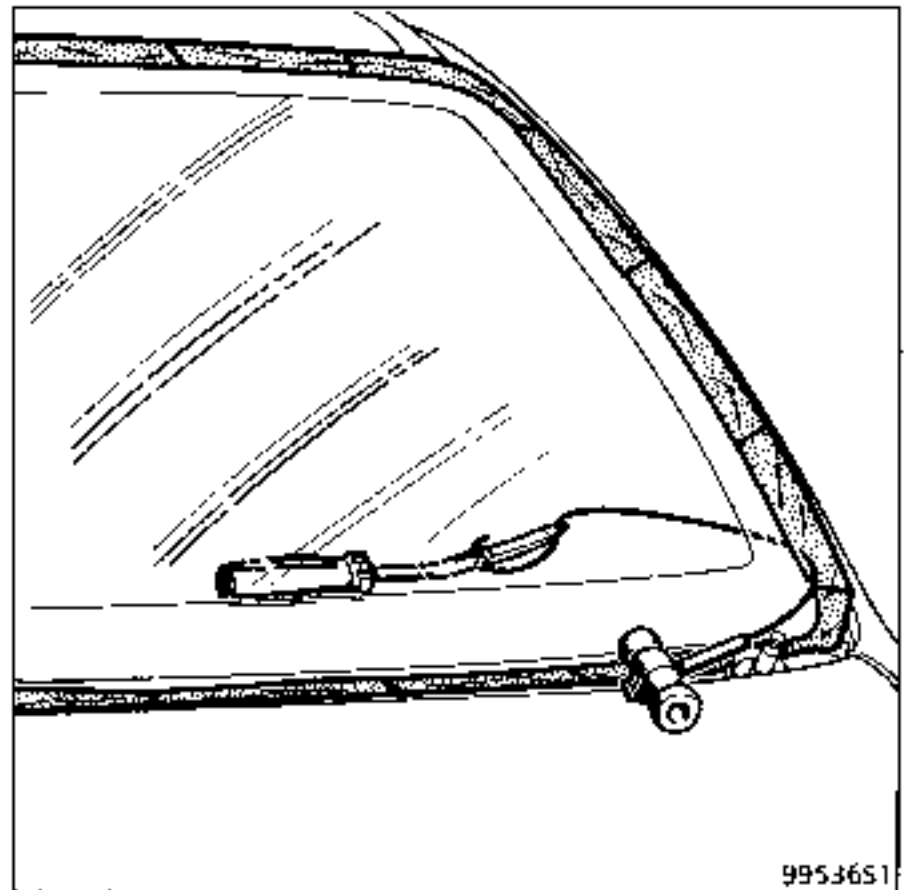
Disconnect the heated screen wiring.



Unclip the lower stop covers at (2) and unclip the stops (anchor type clip) from the inside (1).

Remove the trim from the outside, releasing it in one of the two lower corners using a flat screwdriver.

This trim is supplied with the new screen.



Apply a strip of masking tape over all areas where the wire will pass so the paint is not damaged when the window is cut out.

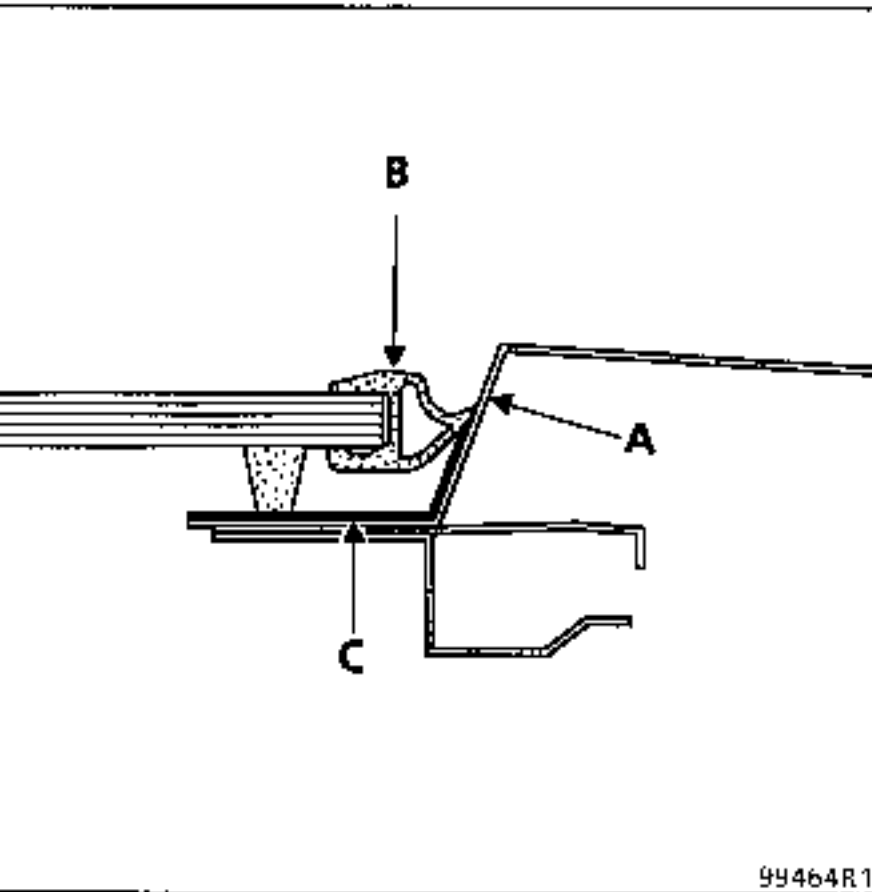
Thread the wire in through one of the lower corners using a threading needle.

Fit the picking tool and the pulling handle.

Cut as usual using the wire.

PREPARATION AND CLEANING BEFORE BONDING

Fit the exterior trim (B) beginning at the upper corners of the screen.



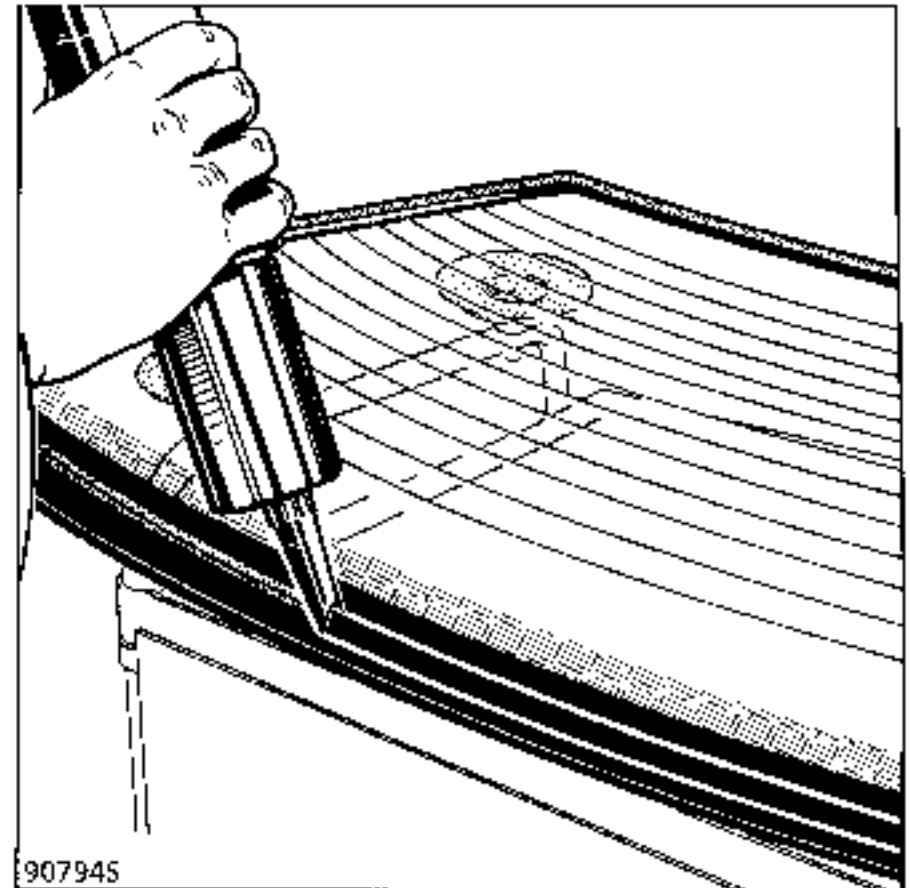
NOTE : when applying metal primer to the upper section (roof), mask off zone (A) before applying the product.

The screen lies a little lower than the roof so any overflow will be visible once the screen has been bonded into position.

- A Roof
- B Trim
- C Primer

For preparation and bonding refer to the Technical Note on general bonding methods for windows n° 371A.

BONDING AND FITTING THE SCREEN

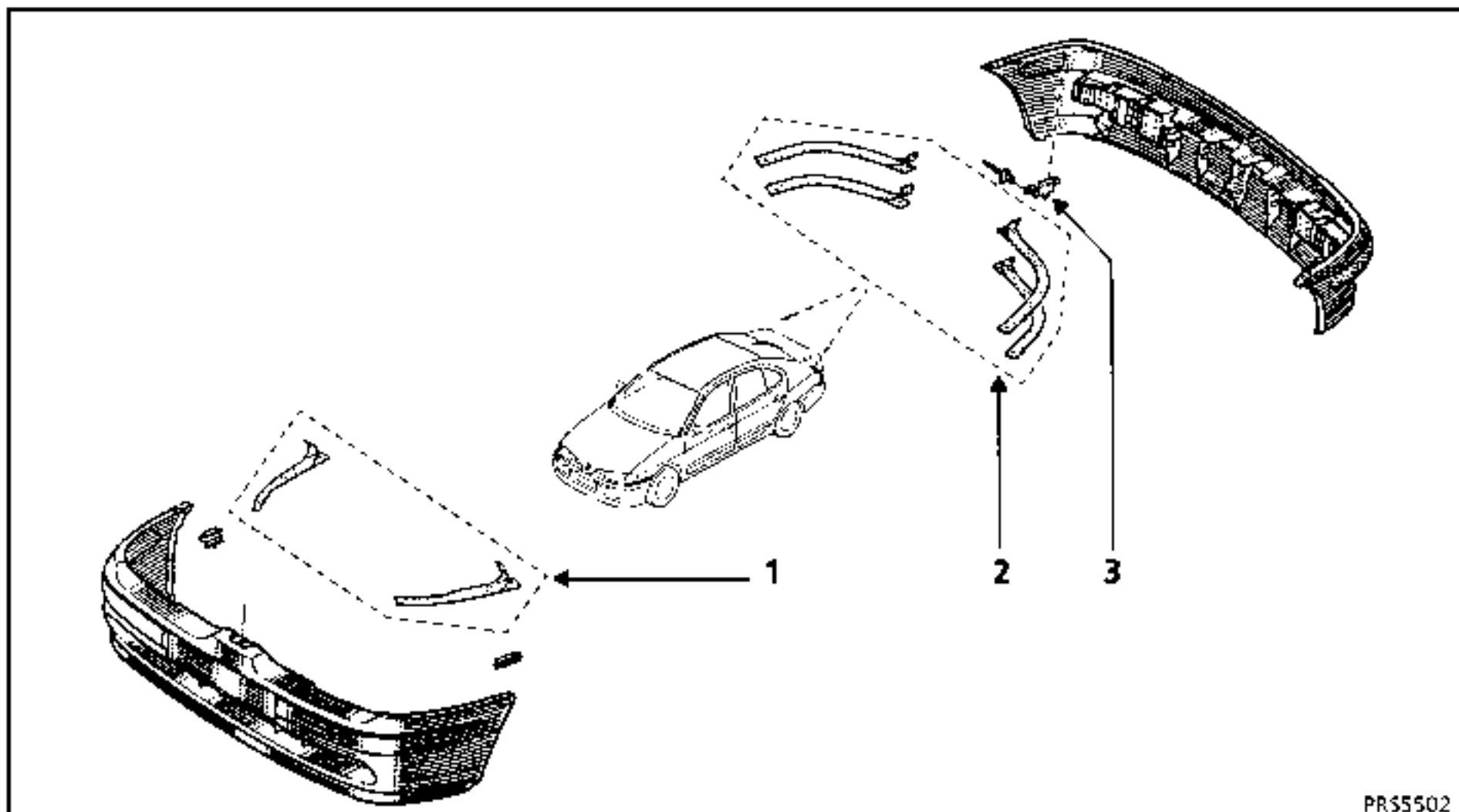


Fit the new lower stops on the bodywork.

Just after applying the mastic to the screen, fit it into position.

To do this, offer up the screen into the aperture and centre it by fitting the external trim against the upper edge.

Lower the screen down into position.



These protective films ensure anti-friction protection in areas where the body and bumper rub, due to the side pressing devices fitted to the body.

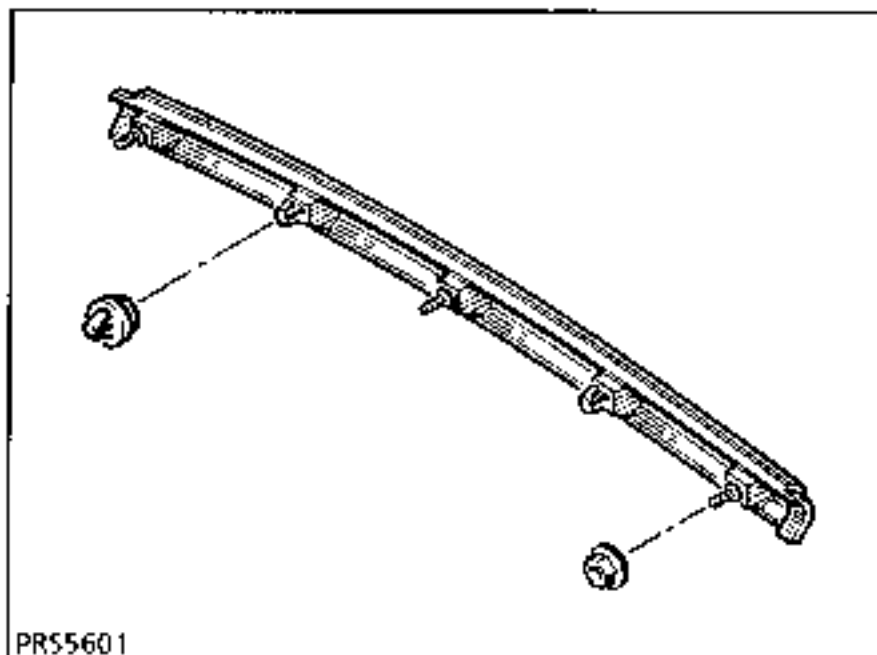
This operation should be carried out when a front or rear component concerned is replaced or the element is straightened.

Two kits are available for these protectors:

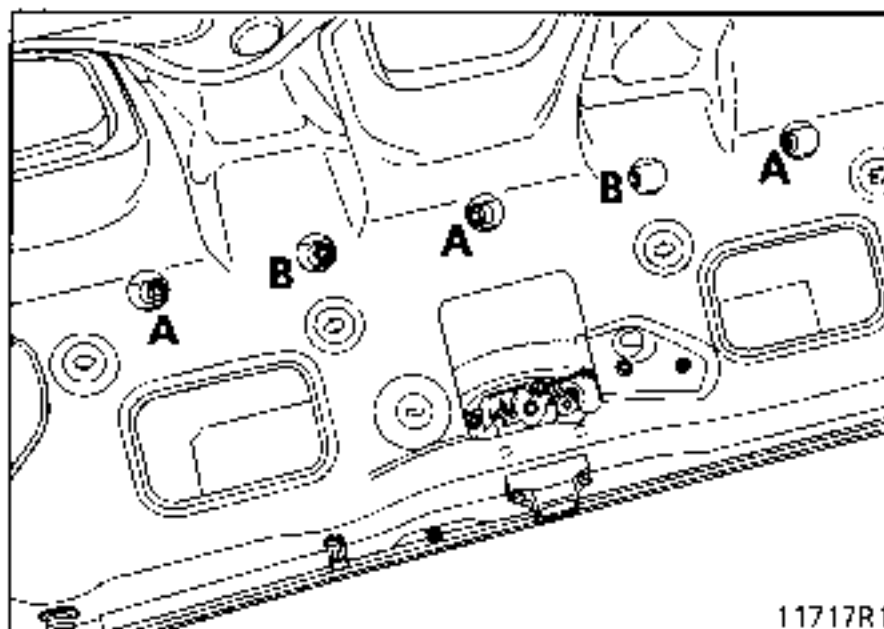
Front kit (1) Part Number 77 01 469 336.

Rear kit (2) Part Number 77 01 470 059.

The method for bonding these protective films is described in Technical Note n° 382A.

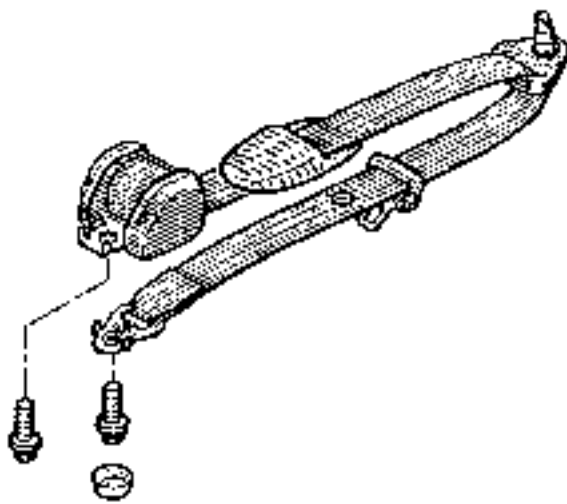


REMOVAL



Remove the three mounting bolts (A) and the two retaining clips (B) and remove the trim.

NOTE : to make removing clip(B) easier, use a 7 mm pipe wrench.



PRS5901

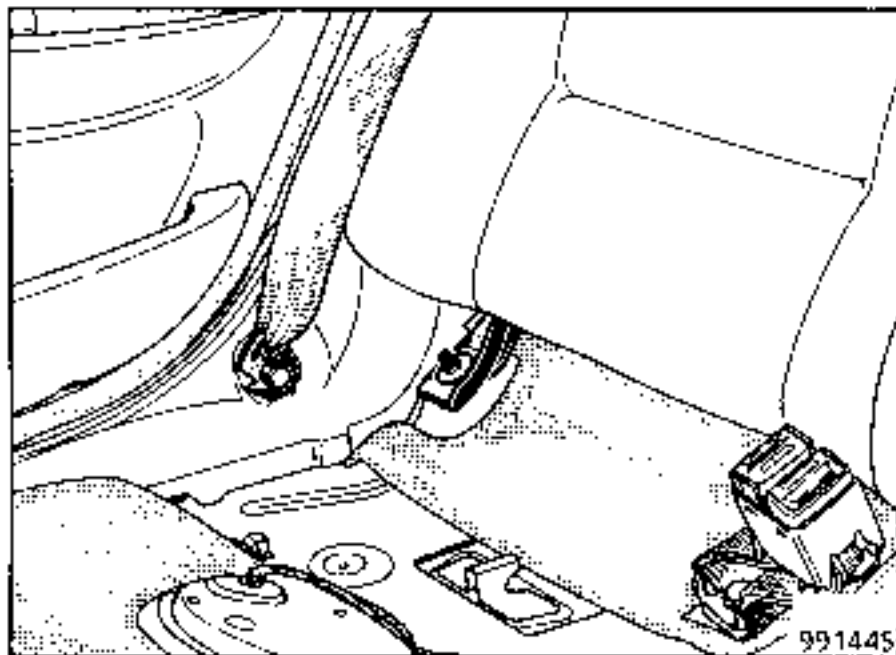
TIGHTENING TORQUES (in daN.m)



Seat belt mounting nut

2.5

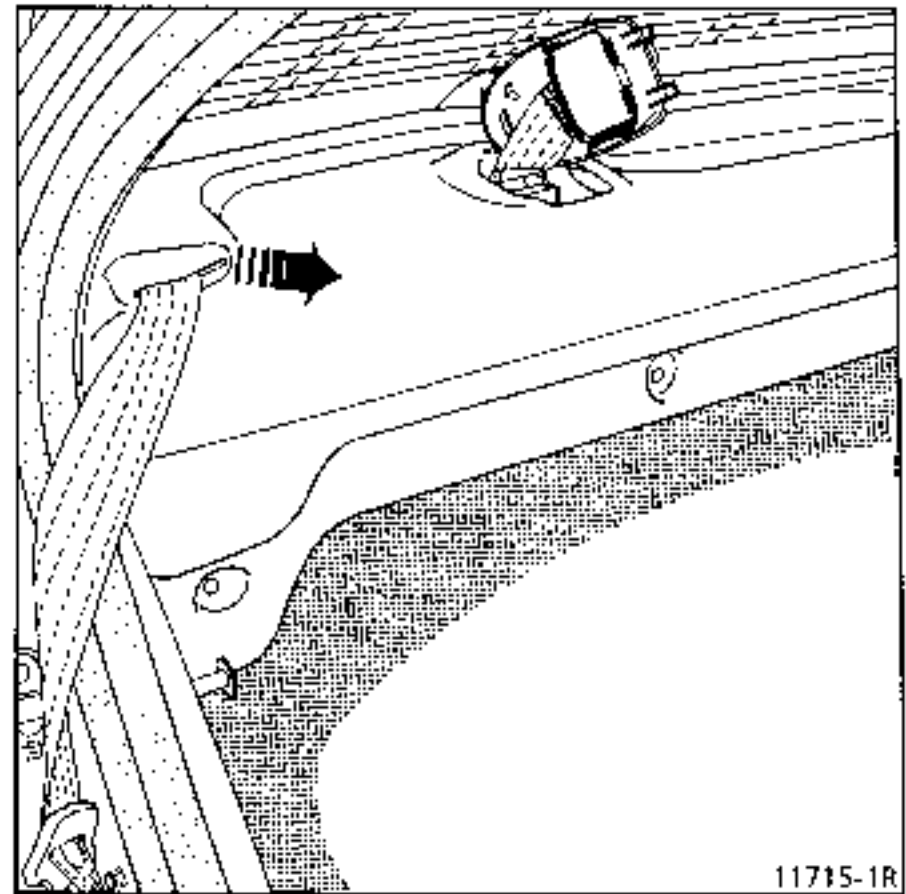
REMOVAL



991445

Remove:

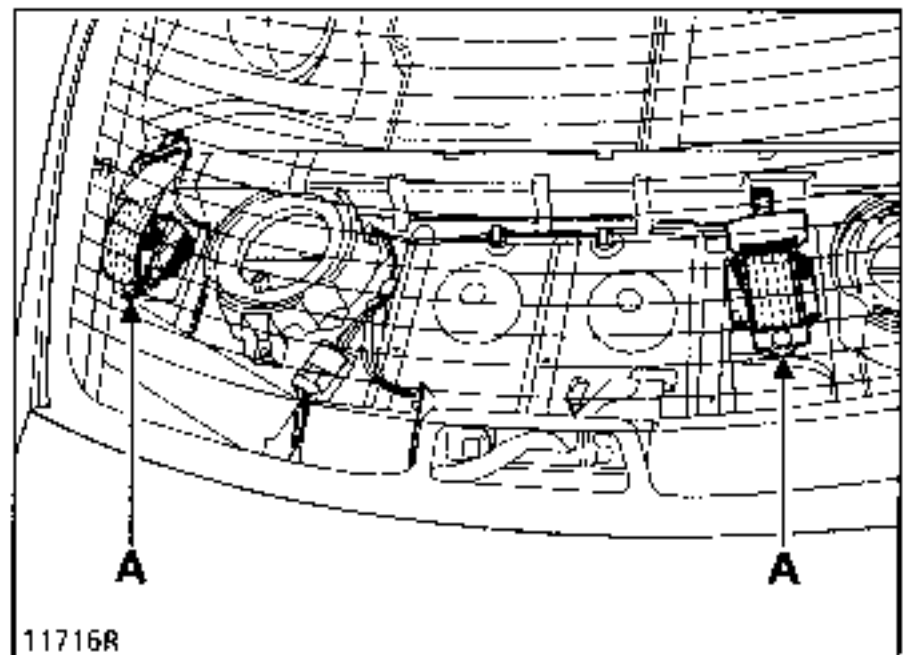
- the bench seat seat squab,
- the lower seat belt mounting.



11715-1R

Fold down the rear seatback and remove the trim from the rear shelf (see 74A) and the three inertia reel covers.

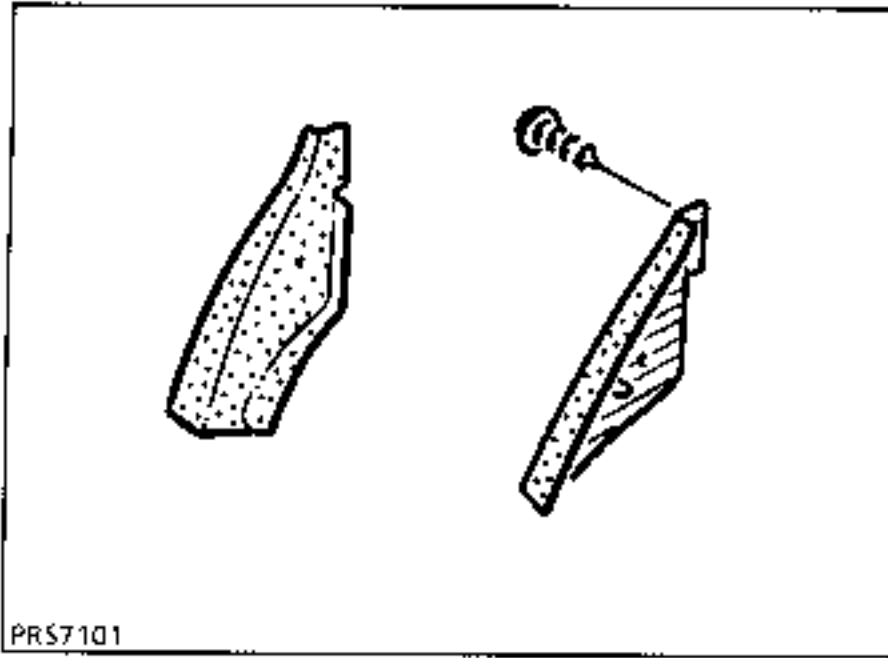
Remove the rear quarter panel lining on the side in question (see 71B).



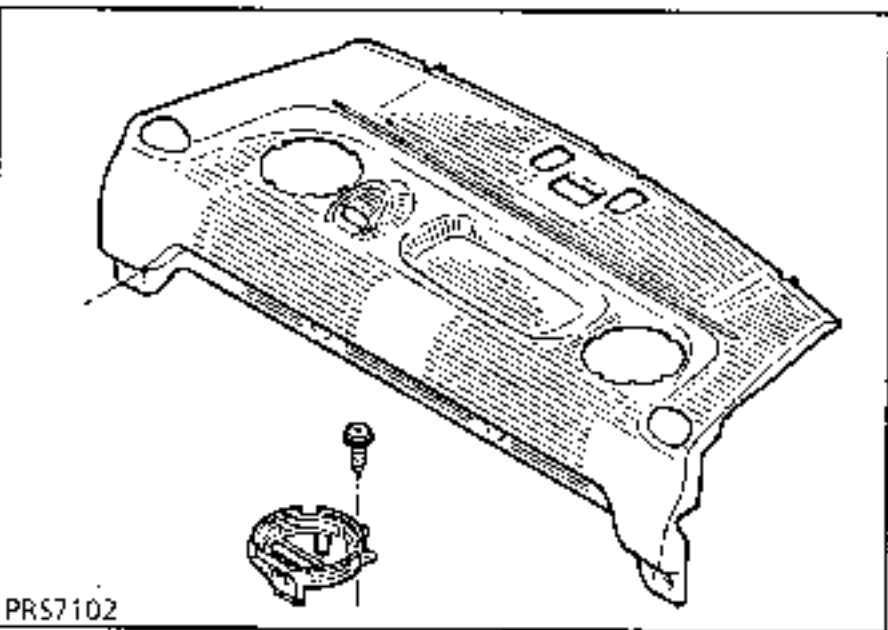
11716R

Remove the mounting bolt (A) for the inertia reel on the bodywork and remove the inertia reel.

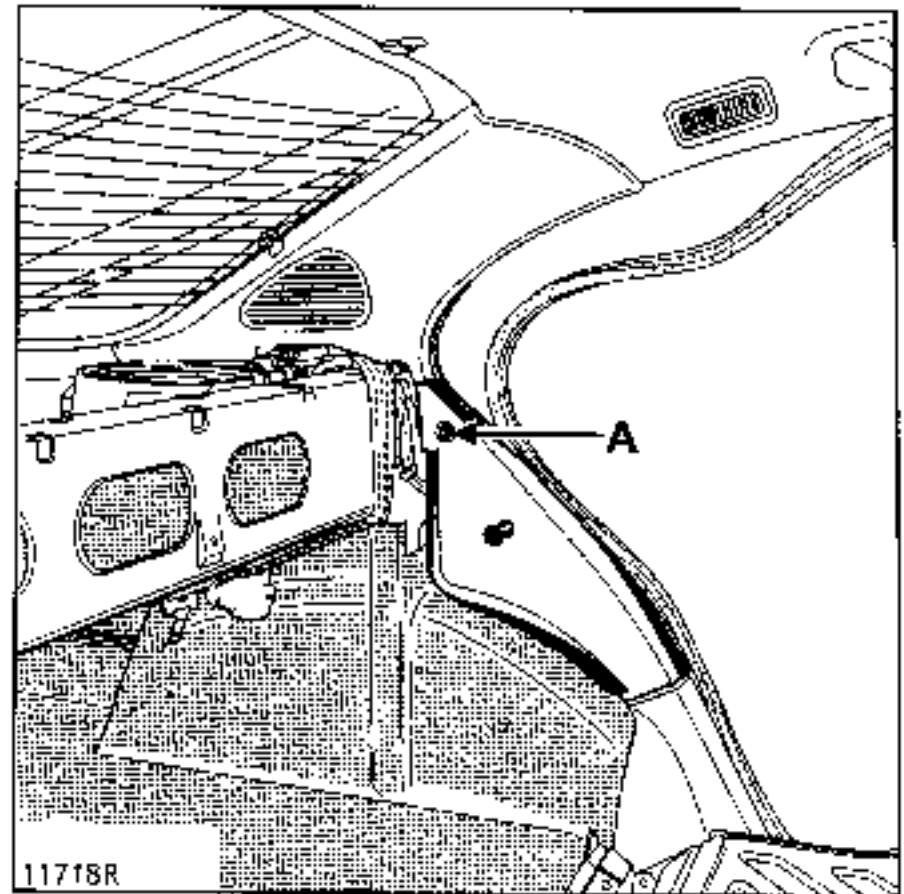
The inertia reel for the third seat belt is removed in the same manner.



REMOVAL

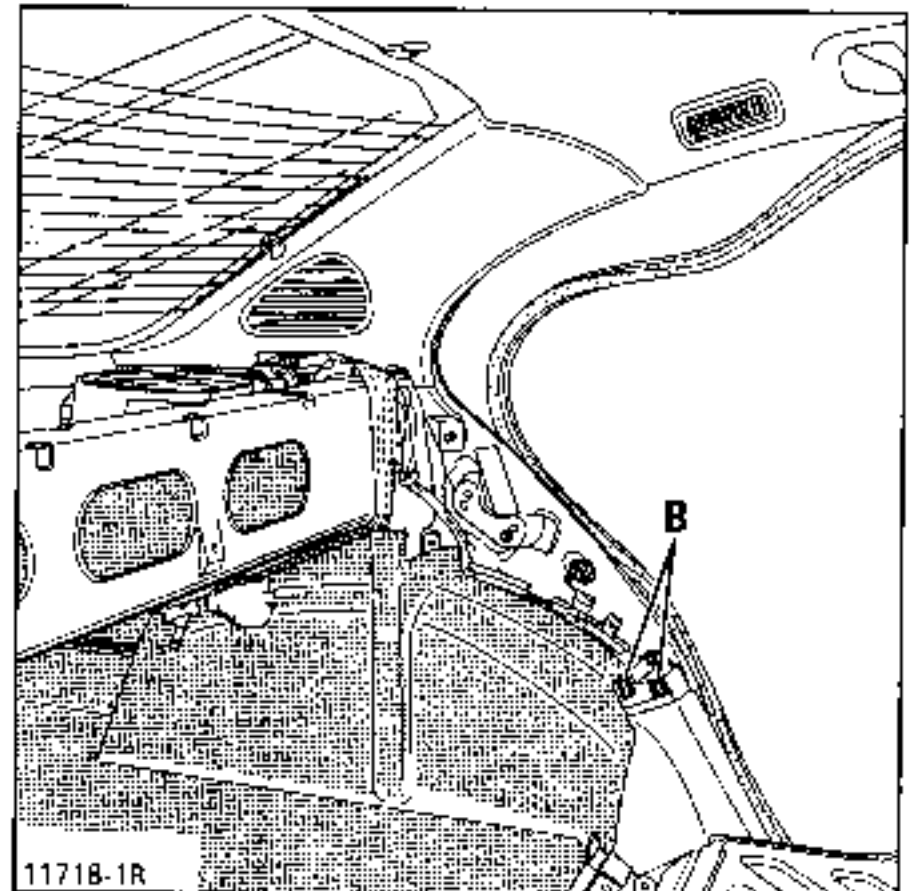


Remove the rear shelf lining (see 74A).

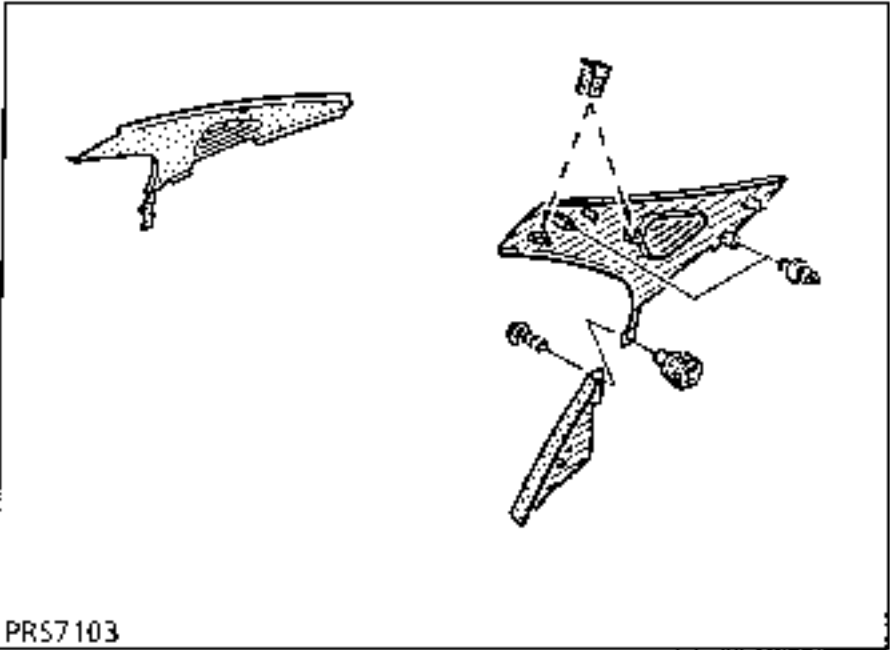


Remove:

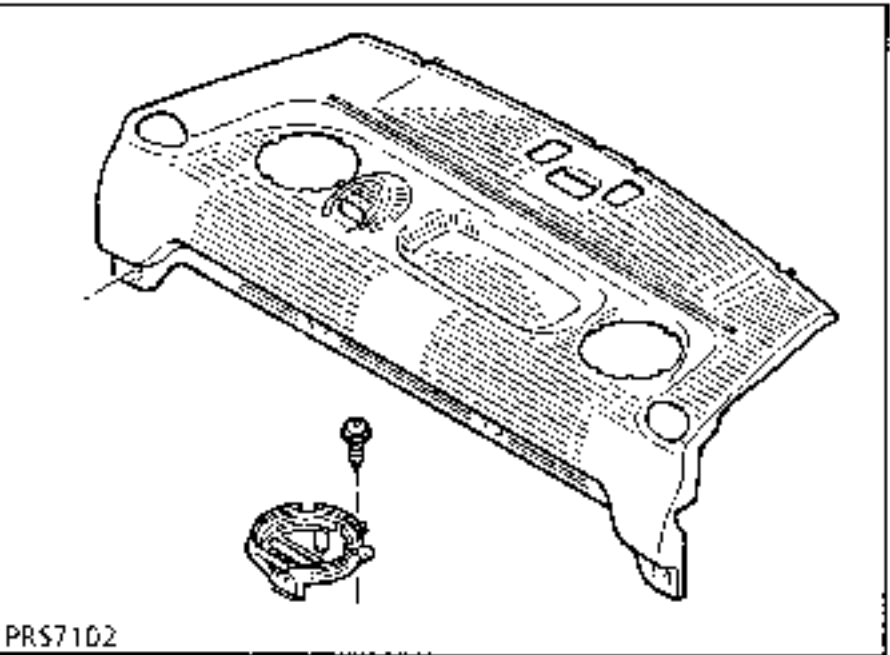
- the seatback striker plate,
- the upper mounting bolt (A).



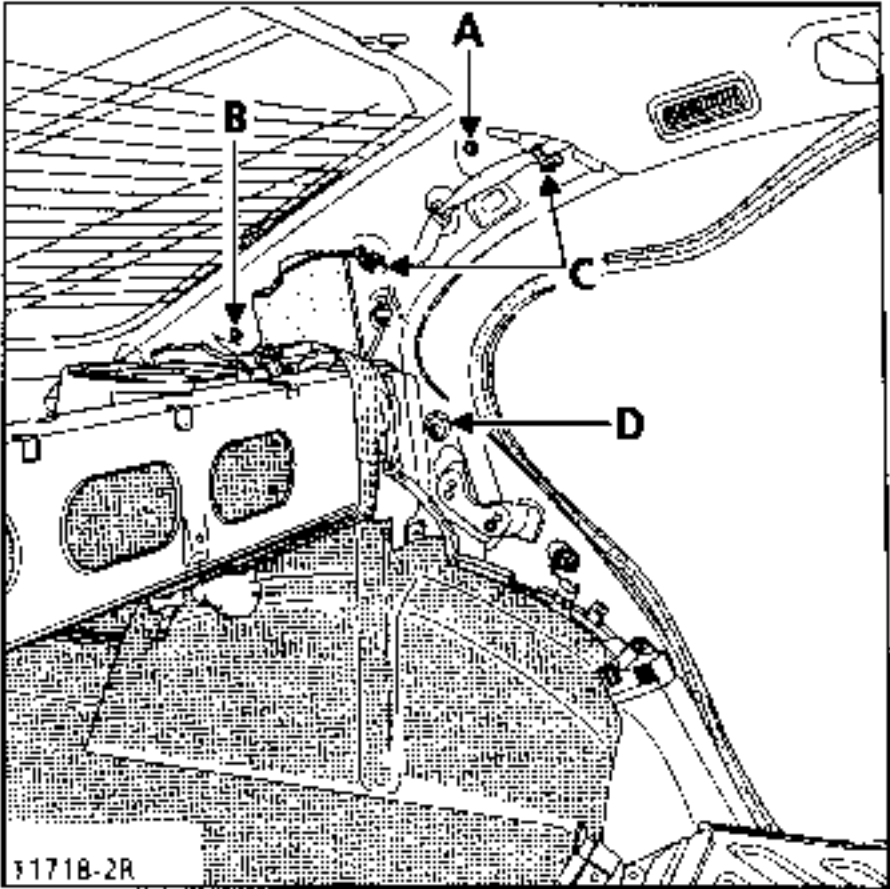
Unclip the trim at (B) and remove it.



REMOVAL



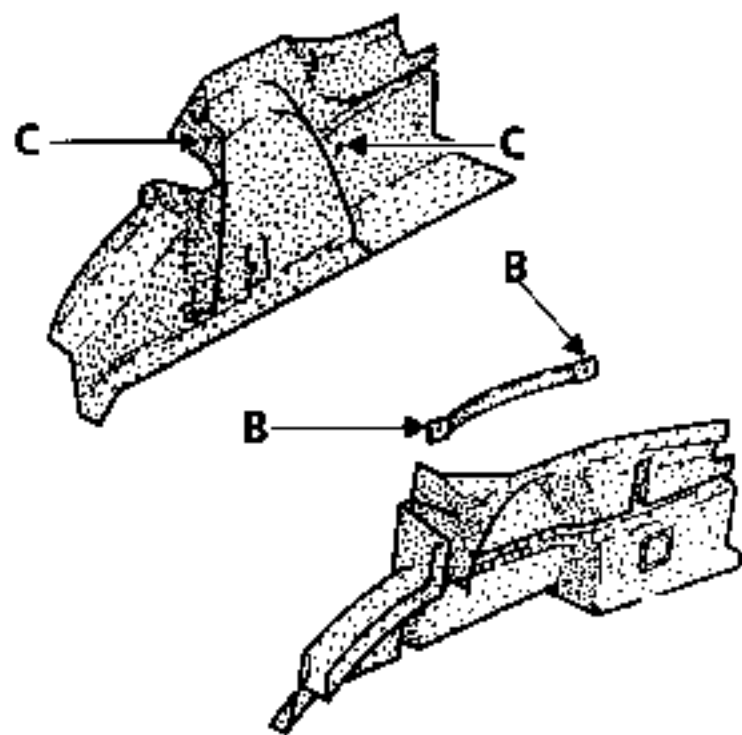
- Remove:
- the rear shelf lining (see 74A),
 - the rear inner sill upper lining (see 71B).



Disconnect the heated screen wiring.

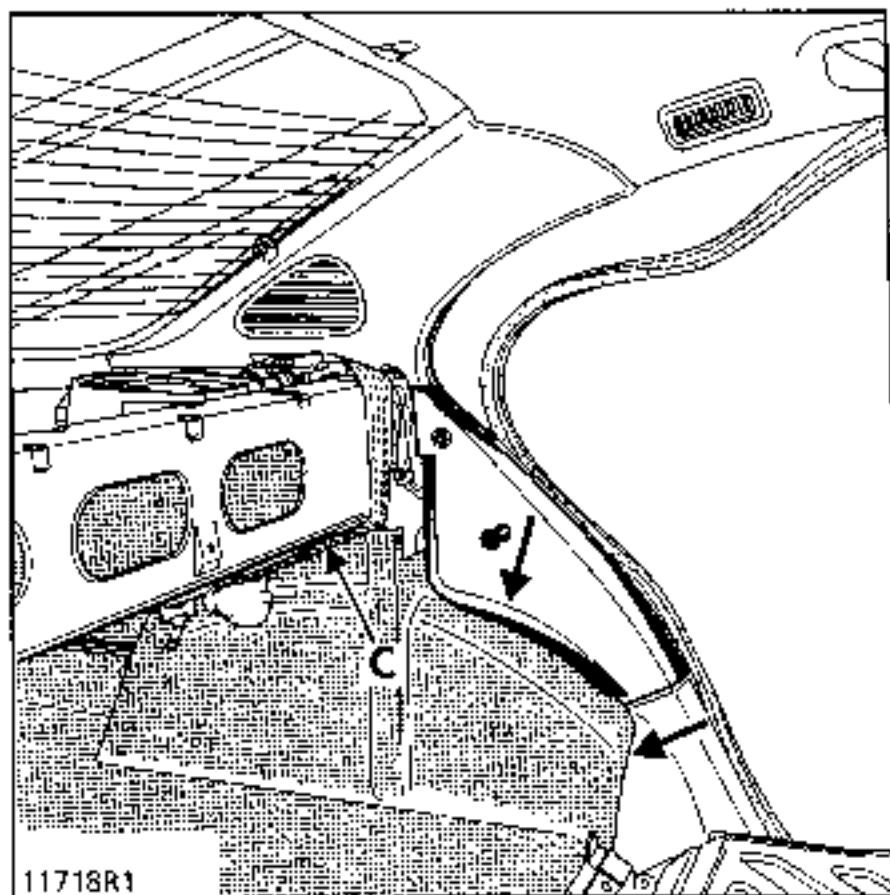
Carefully pull the lining, beginning with the front upper section, to release the clips at (A) and (B) and release the lining brackets from the retaining clips (C).

Release the lining from pin (D) and remove it.



PRS7104

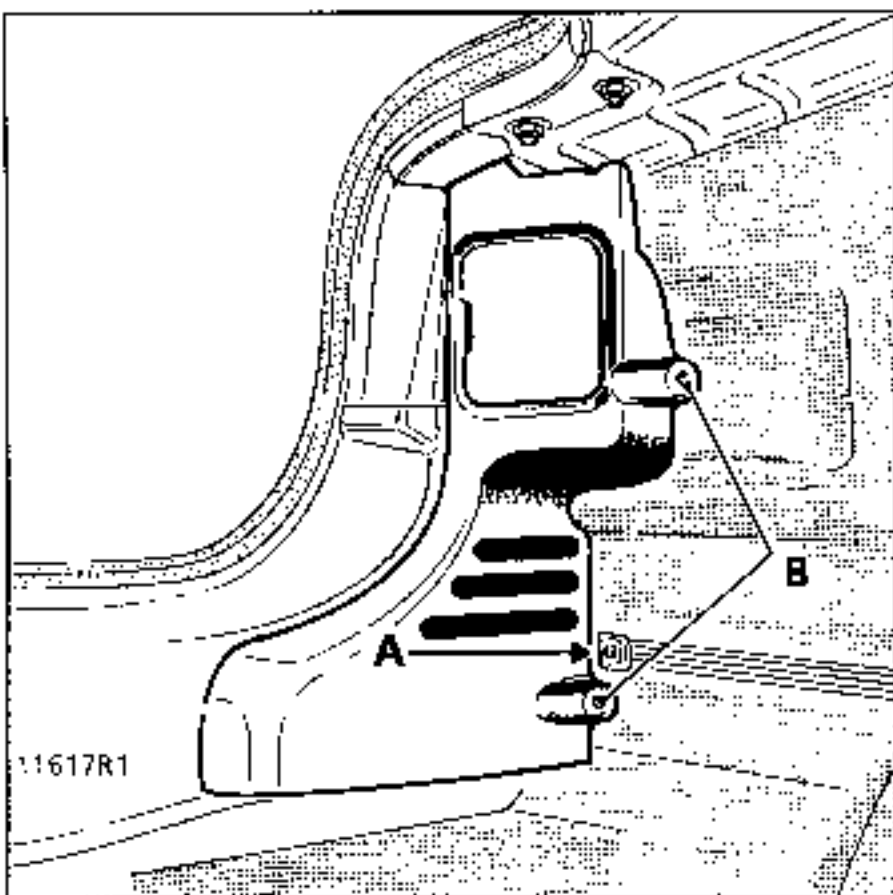
REMOVAL



11718R1

Remove the retaining clips (C) for the lining on the bodywork using unpicking pliers.

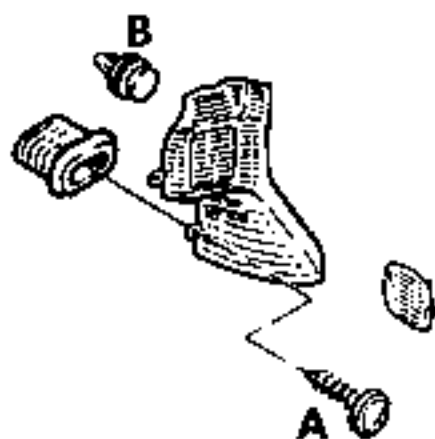
Lift the carpet in the boot and release the lining from its position under the upper and lower linings from the rear inner sill.



11617R1

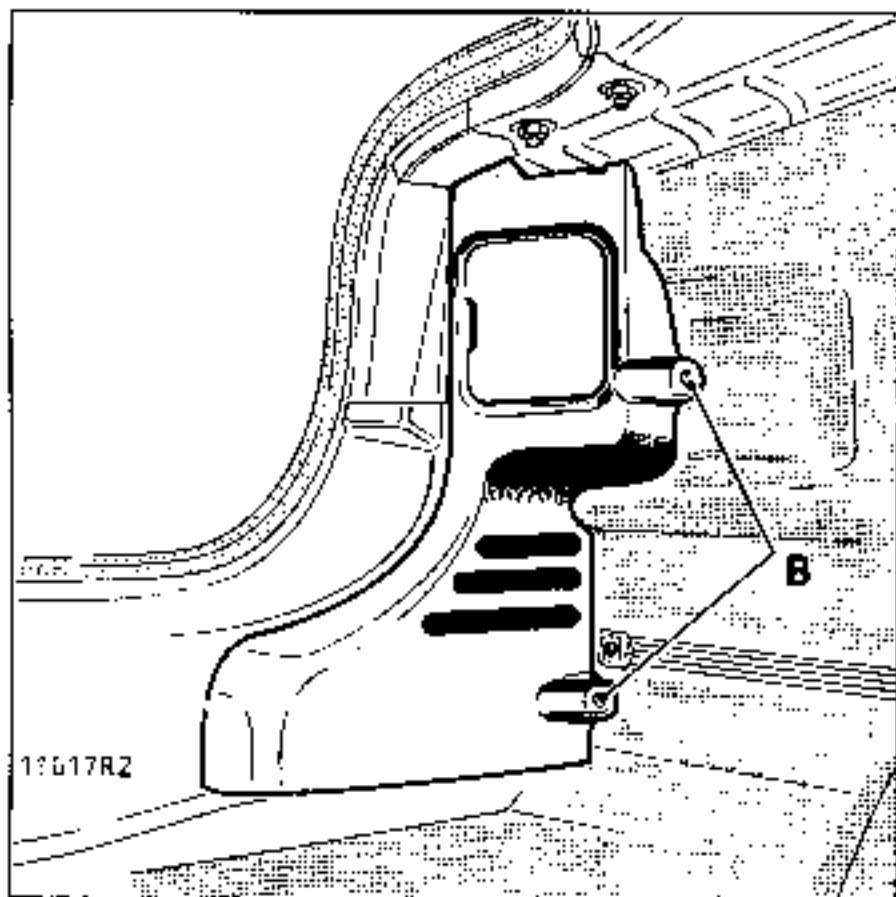
Remove:

- the two mounting bolts (B) for the lining on the rear wing and remove it while unclipping this lining from the rear end panel lining,
- the two mounting bolts for the oil can retaining strap (A).

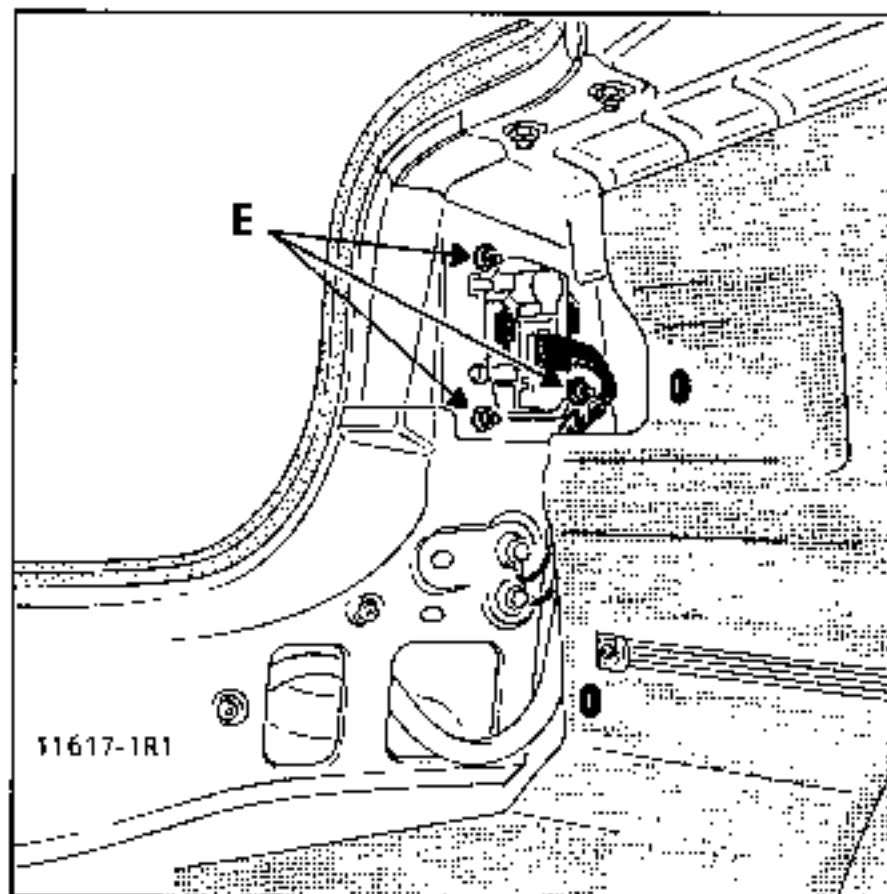


PRS7105

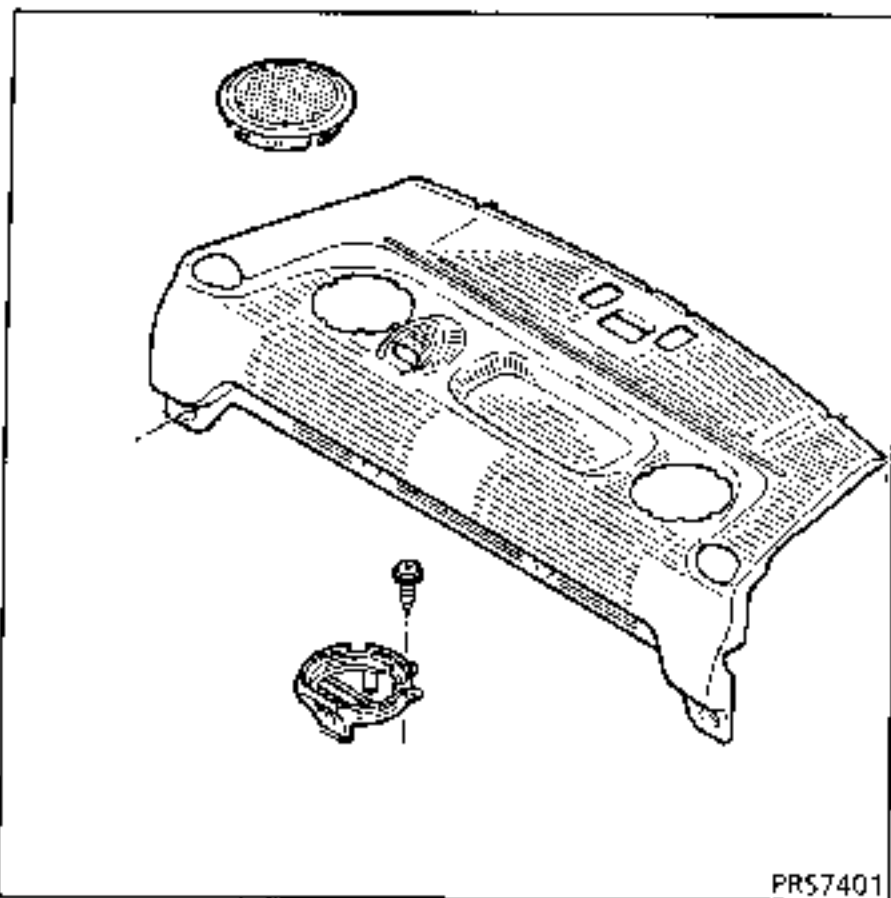
REMOVAL



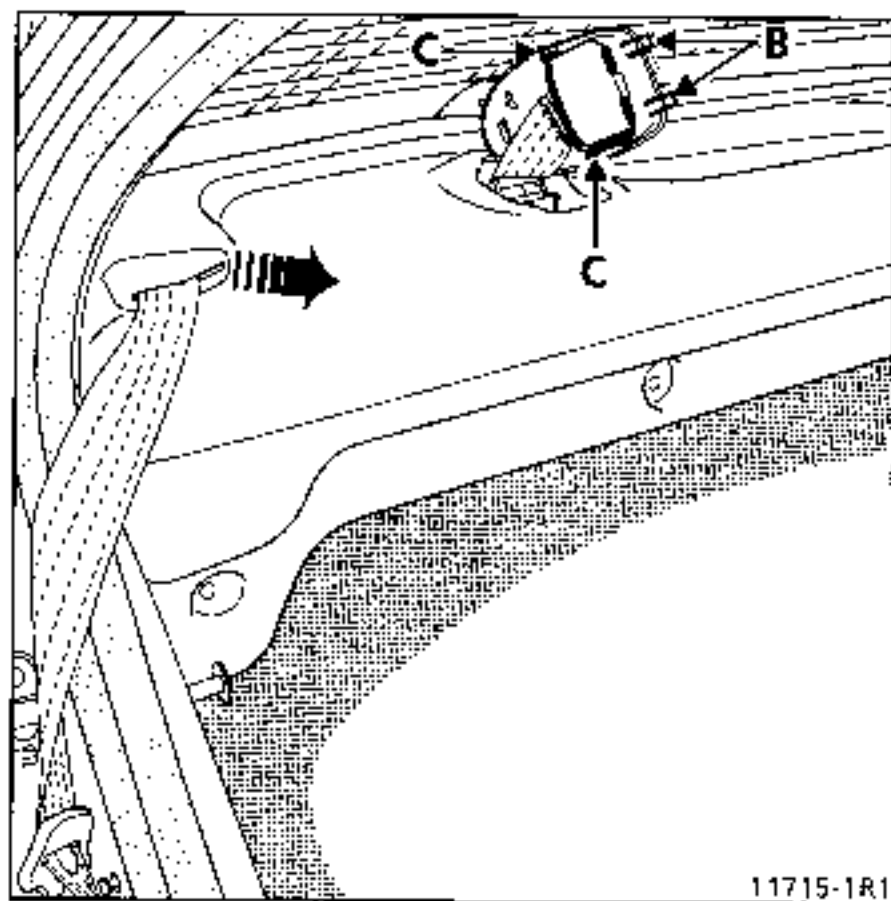
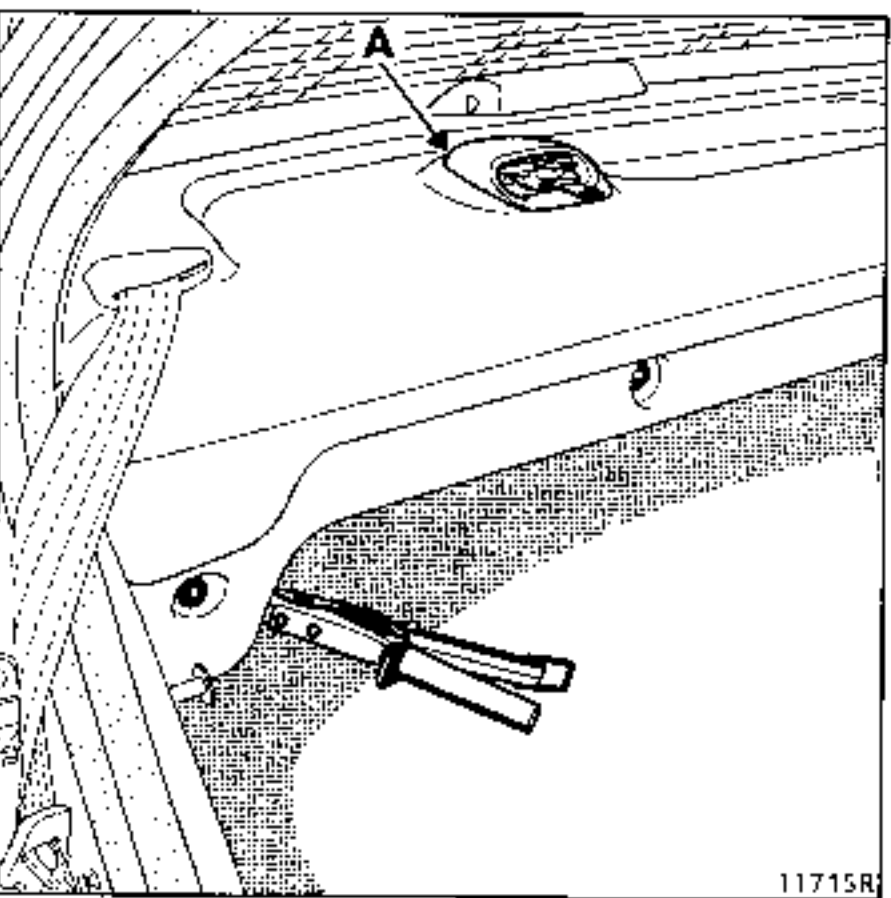
Remove the two mounting bolts (B).



Unclip the lining at (E), pulling it towards the front of the vehicle.



REMOVAL



Unclip:

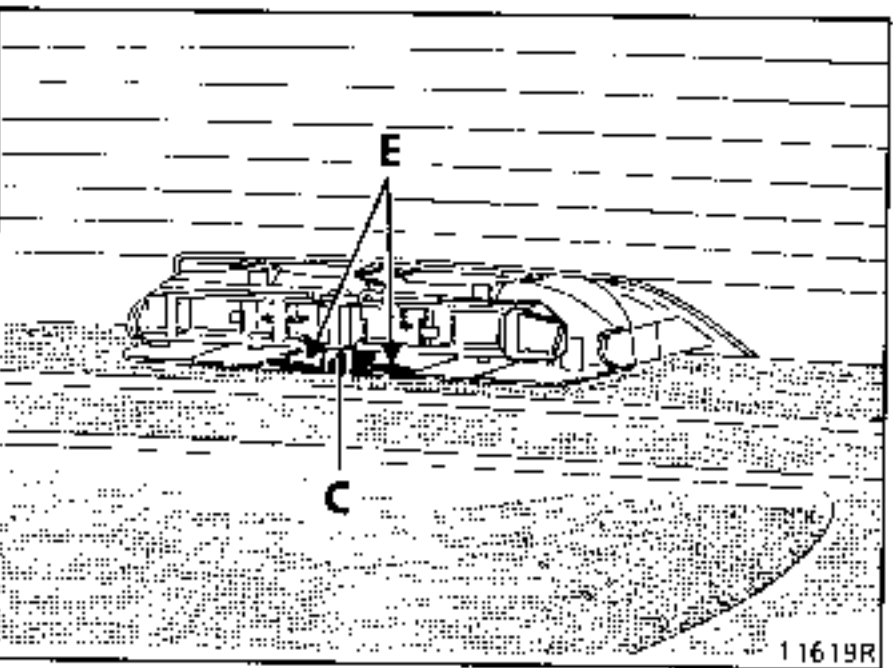
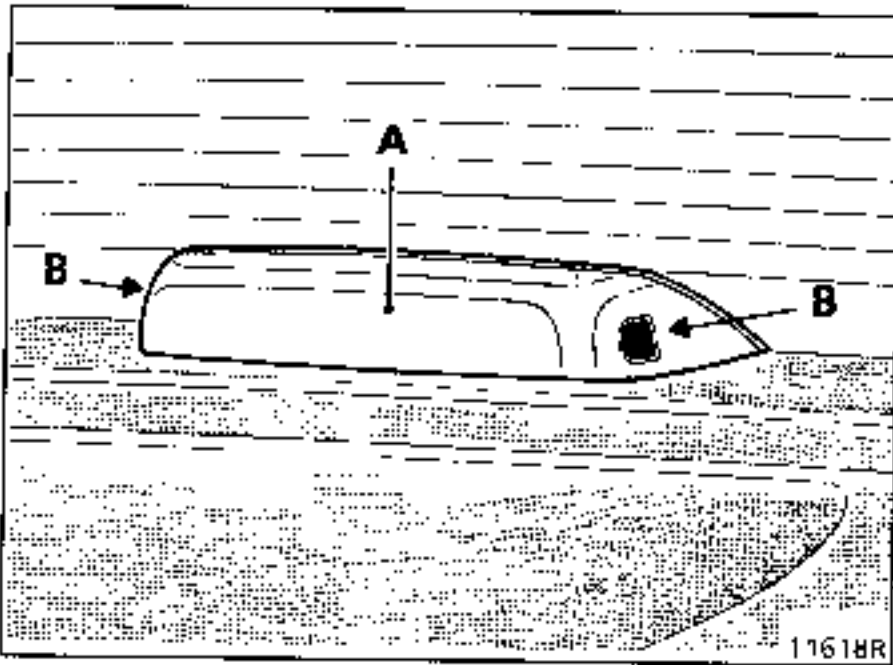
- the strap guide at (C) and remove it from its location on the inertia reel cover,
- the strap guides for the side rear seats using a flat screwdriver, sliding them from the rear towards the front of the lining.

Fold down the rear seatbacks to remove the four retaining clips using unpicking pliers.

Unclip the cover from the 3rd rear seat belt inertia reel (A) and release the two brackets (B) (see below) from the lining.

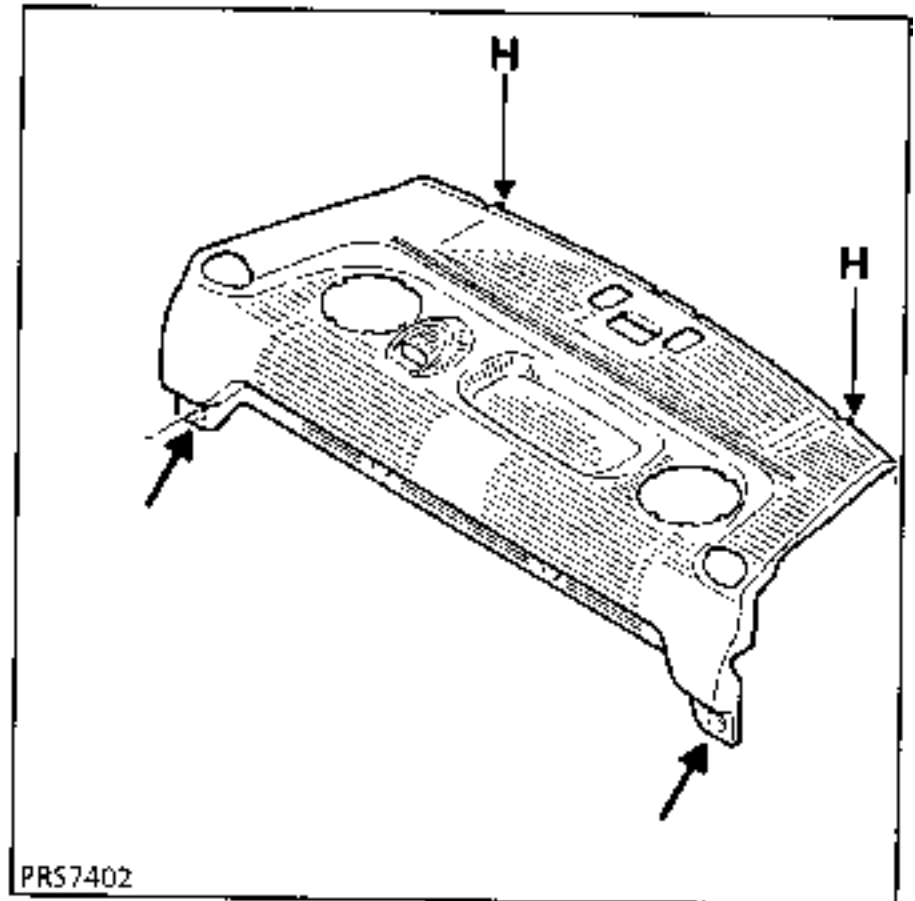
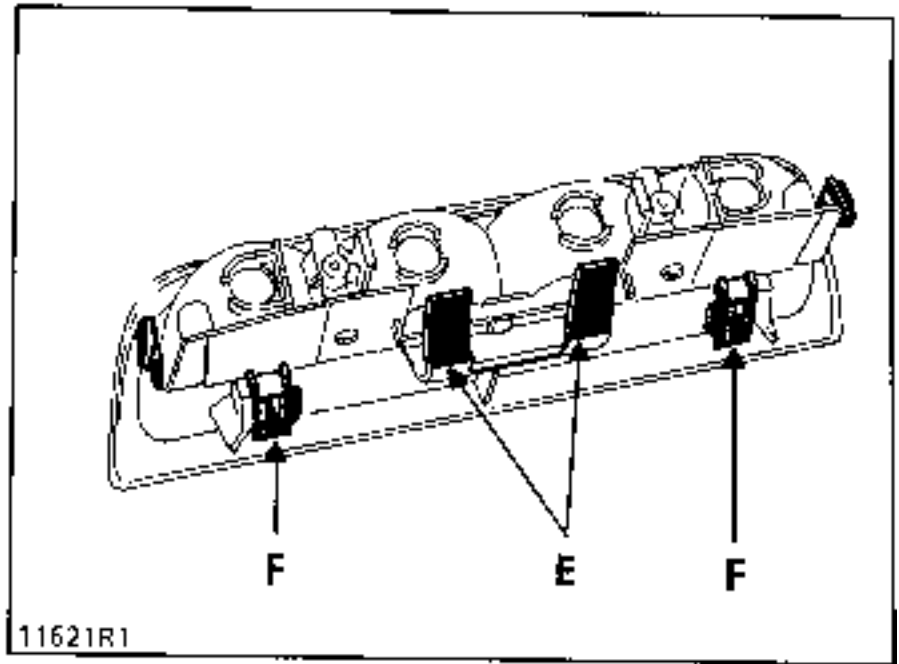
REMOVING THE 3RD STOP LIGHT

In the passenger compartment, unclip the cover (A) by pressing at the 2 points (B).



Remove the light by lifting the 2 tabs (E) to release the 2 brackets (F) which retain the light on the bodywork.

Disconnect the connector (C).



Release the vertical front edge of the lining by lifting it so it passes in front of the side striker plates for the seats.

Remove the lining, pulling it towards the front of the vehicle to release the two retaining brackets at the rear (H) from their locations on the bodywork.