



14

LISTE DES OPERATIONS :
STRUCTURE CARROSSERIEXM
800-000/1

1

NUMERO DE L'OPERATION	DESIGNATION	VEHICULE	
		Berline	
XM. 800-000/1	Liste des opérations figurant au chapitre 14		
XM. 800-00/3	Préparation d'une coque	X	
XM. 800-00/4	Remise en état d'une coque	X	
XM. 800-0/1	Contrôle coque nue sur banc "positif" CELETTE	X	
XM. 800-0/2	Contrôle véhicule (mécanique en place) sur banc "positif" CELETTE	X	
XM. 800-0/3	Contrôle d'un véhicule (avec ou sans mécanique) sur banc "positif" SEFAC	X	
XM. 800-0/10	Contrôle coque nue sur banc dimensionnel "CAROLINER"	X	
XM. 800-0/11	Contrôle véhicule (mécanique en place) sur banc dimensionnel "CAROLINER"	X	
XM. 800-0/20	Contrôle coque nue sur banc dimensionnel "CELETTE METRO 2000"	X	
XM. 800-0/21	Contrôle véhicule (mécanique en place) sur banc dimensionnel "CELETTE METRO 2000"	X	
XM. 801-3/1	Remplacement d'une doublure d'aile avant (Partielle)	X	
XM. 801-3/2	Remplacement d'une extrémité avant de brancard	X	
XM.801-3/3	Remplacement d'un brancard partiel (coupe derrière support GMP) et d'un passage de roue-partie avant	X	
XM.801-3/4	Remplacement de l'ensemble brancard - passage de roue (coupe au ras du tablier)	X	
XM.801-3/5	Remplacement complet brancard - passage de roue	X	
XM.801-3/6	Remplacement d'un bloc avant	X	
XM.801-3/7	Remplacement d'un support de butée "guide absorbeur"	X	
XM.812-3/1	Remplacement d'un collecteur d'auvent	X	

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XM
800-000/1LISTE DES OPERATIONS :
STRUCTURE CARROSSERIE

14



NUMERO DE L'OPERATION	DESIGNATION	VEHICULE	
		Berline	
XM. 821-3/1	Remplacement d'un côté d'habitacle (extérieur) complet		
XM. 821-3/2	Remplacement d'une partie avant, avec doublure de côté d'habitacle	X	
XM. 821-3/3	Remplacement d'un pied avant de caisse	X	
XM. 821-3/4	Remplacement d'une partie milieu de côté d'habitacle	X	
XM. 821-3/5	Remplacement d'un pied milieu complet	X	
XM. 821-3/6	Remplacement des doublures avant et arrière de côté d'habitacle	X	
XM. 821-3/7	Remplacement d'une partie arrière de côté d'habitacle	X	
XM. 821-3/8	Remplacement d'un bas de caisse	X	
XM. 822-3/1	Remplacement d'une aile arrière complète (avec dépose glace de custode)	X	
XM. 822-3/2	Remplacement d'une aile arrière partielle (sans dépose de la glace de custode)	X	
XM. 822-3/3	Remplacement d'une doublure d'aile arrière (partielle)	X	
XM. 823-3/1	Remplacement d'un appui de feu arrière (avec renfort)	X	
XM.823-3/2	Remplacement d'une traverse de panneau arrière (partielle)	X	
XM.823-3/3	Remplacement d'un panneau arrière complet	X	
XM.825-3/1	Remplacement d'un pavillon	X	
XM. 831-3/1	Remplacement d'un plancher de coffre partiel	X	
XM. 831-3/2	Remplacement des longeronnets arrière	X	
XM. 831-3/3	Remplacement d'une traverse arrière d'essieu arrière	X	



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**LISTE DES OPERATIONS :
STRUCTURE CARROSSERIE**

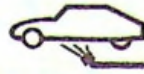
**XM
800-000/1**

3

NUMERO DE L'OPERATION	DESIGNATION	VEHICULE	
		Berline	
XM. 831-3/4	Remplacement d'un longeronnet avant d'essieu arriere	X	
XM. 831-3/5	Remplacement d'une traverse avant d'essieu arriere	X	



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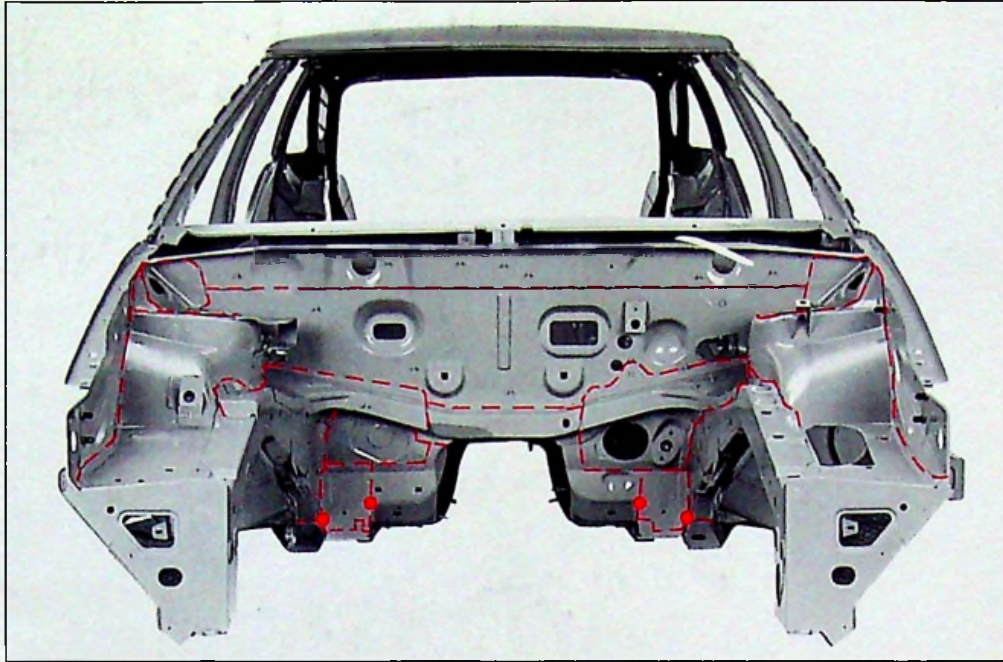


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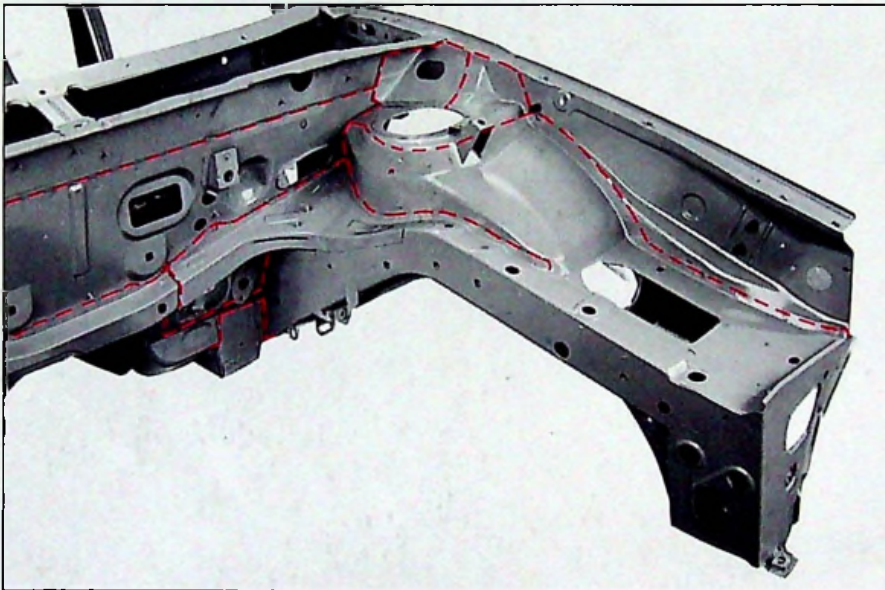
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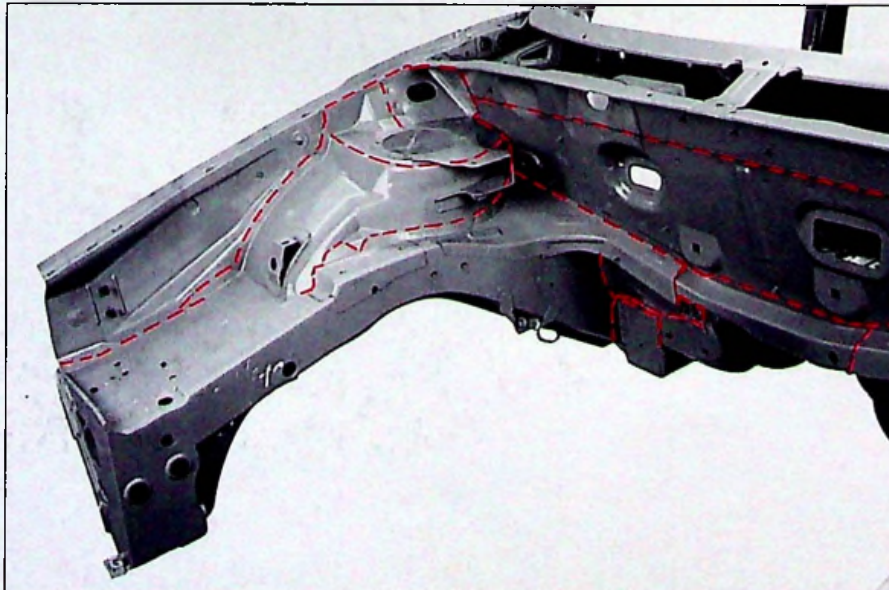
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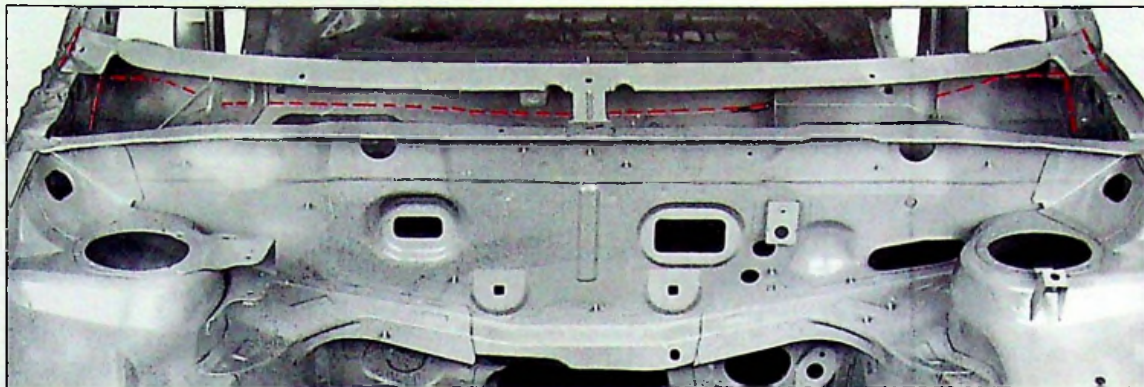
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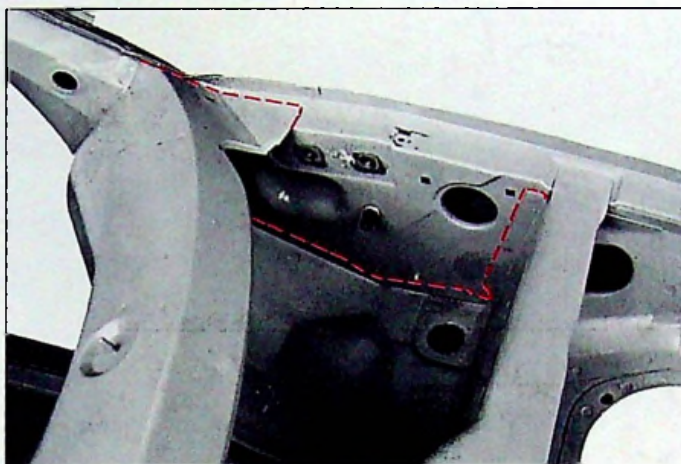
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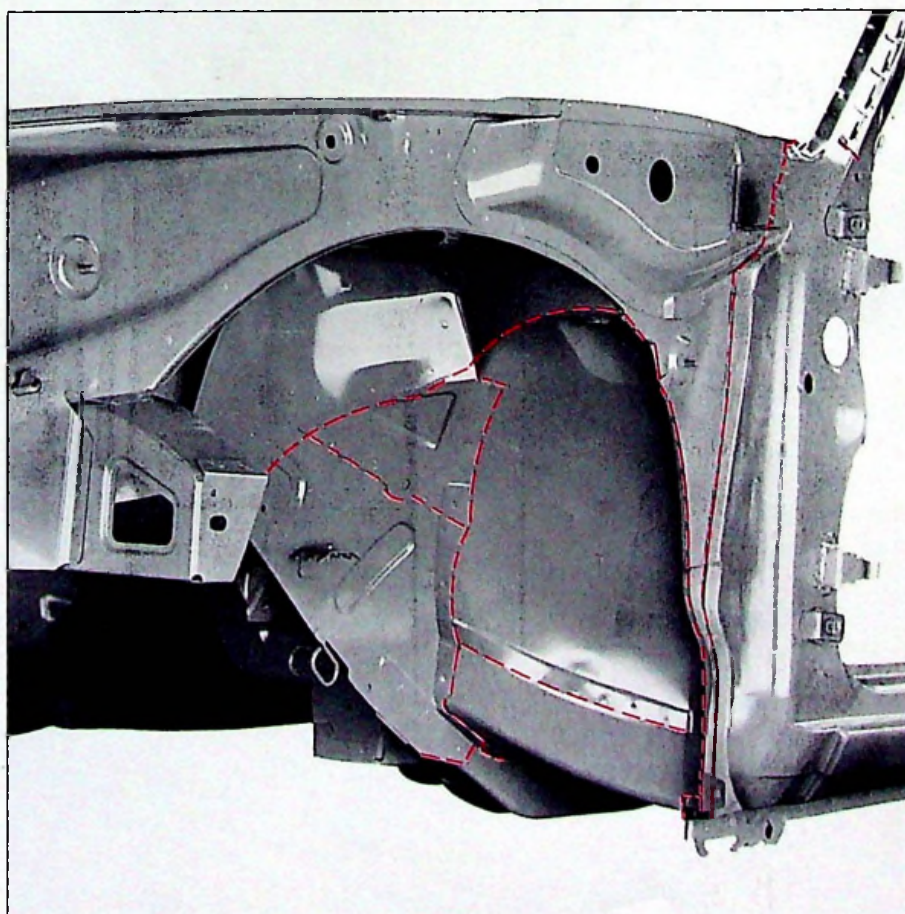
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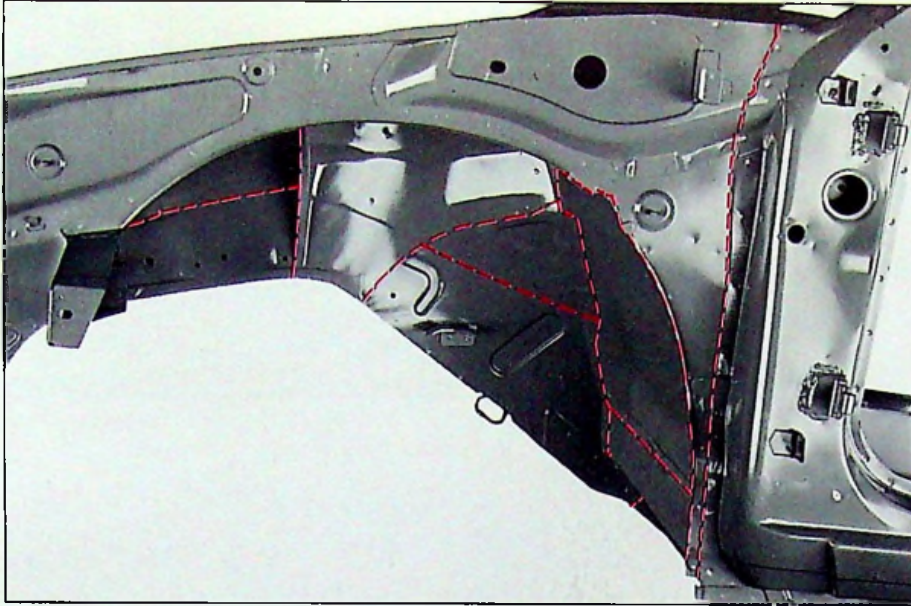
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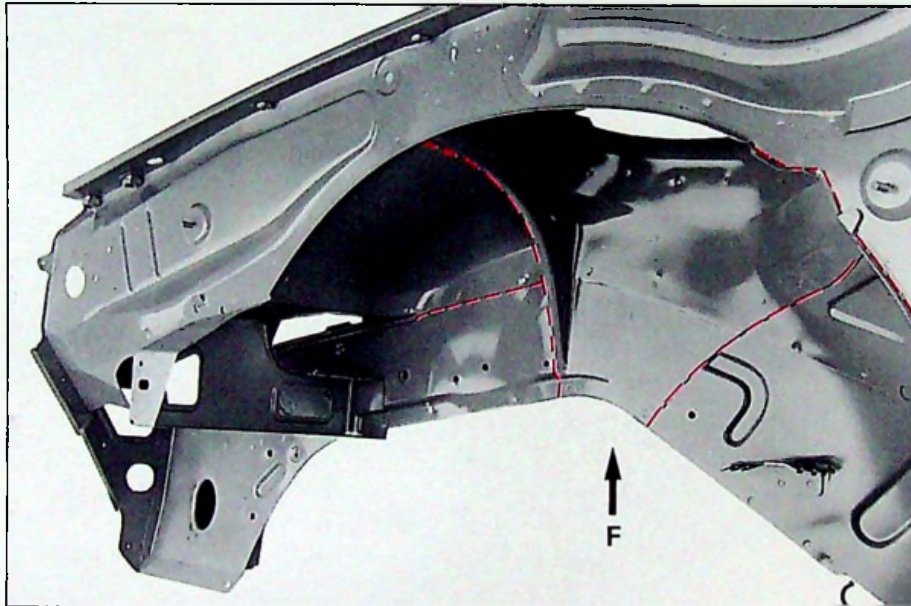
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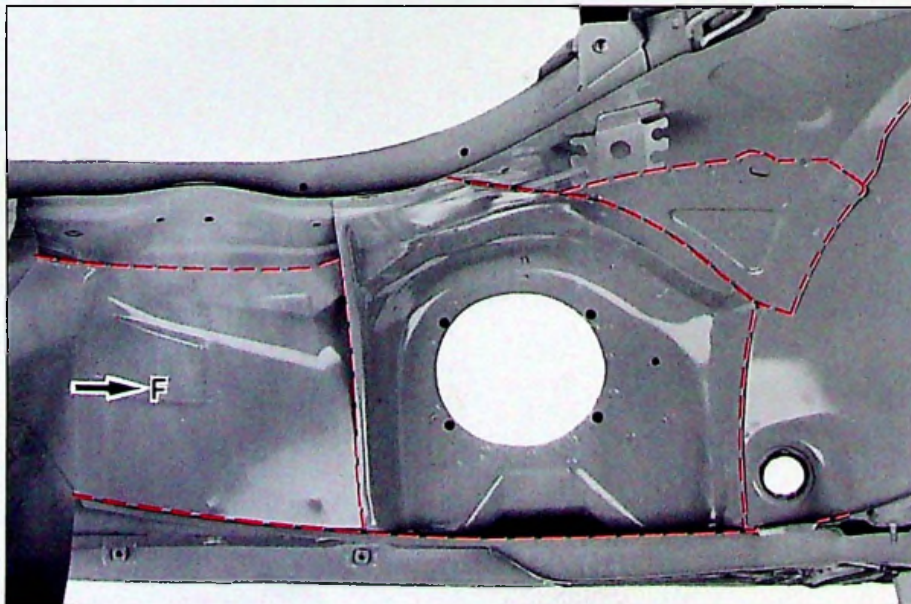
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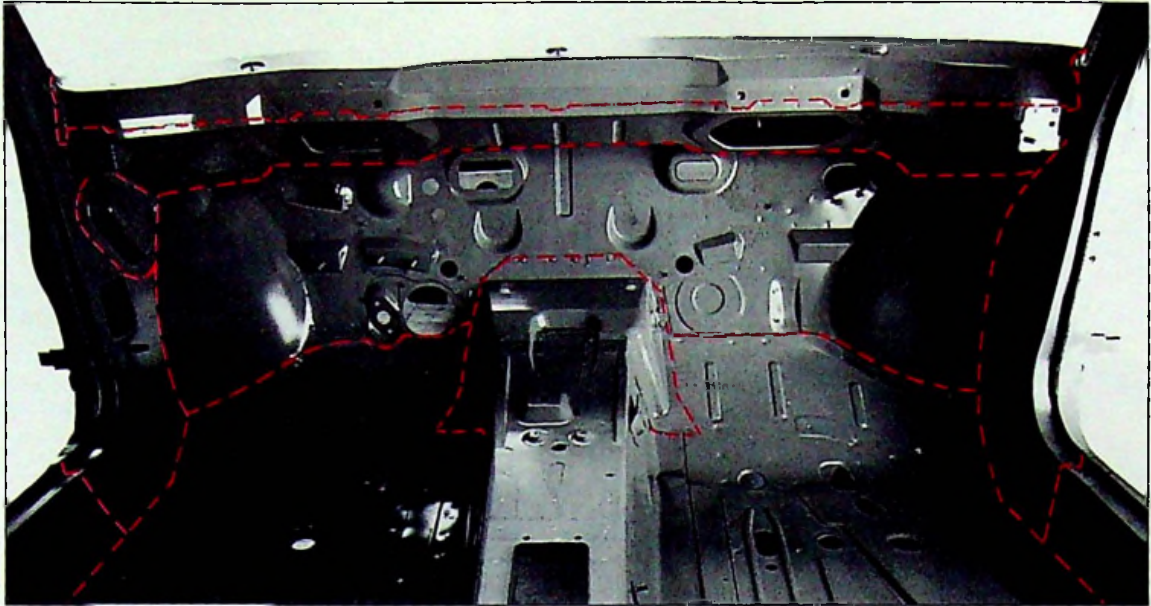
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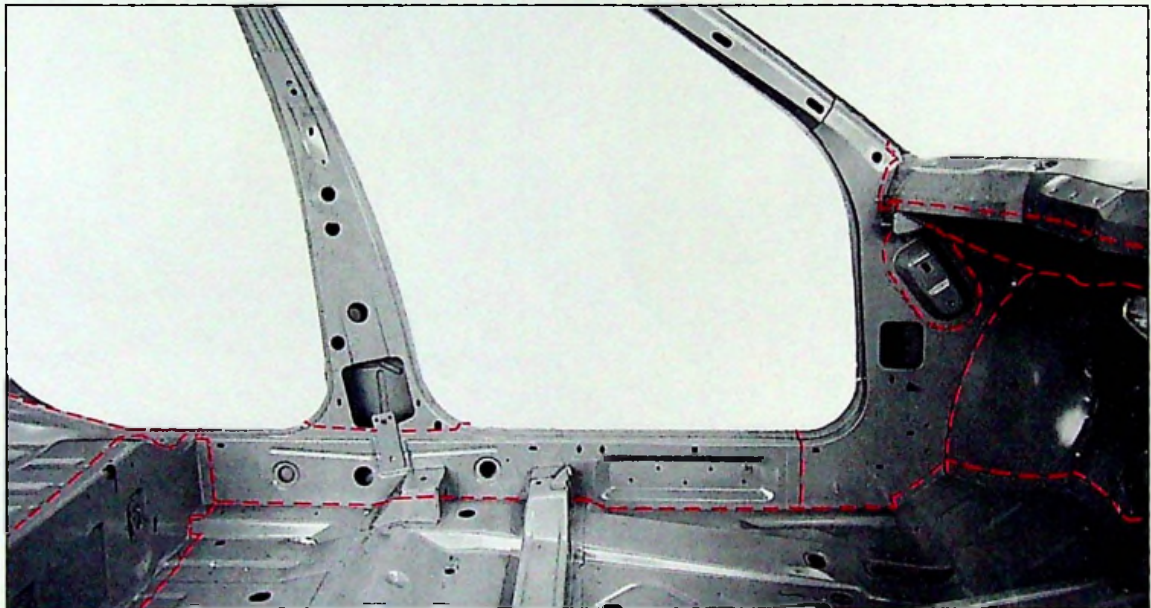
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800-00/3

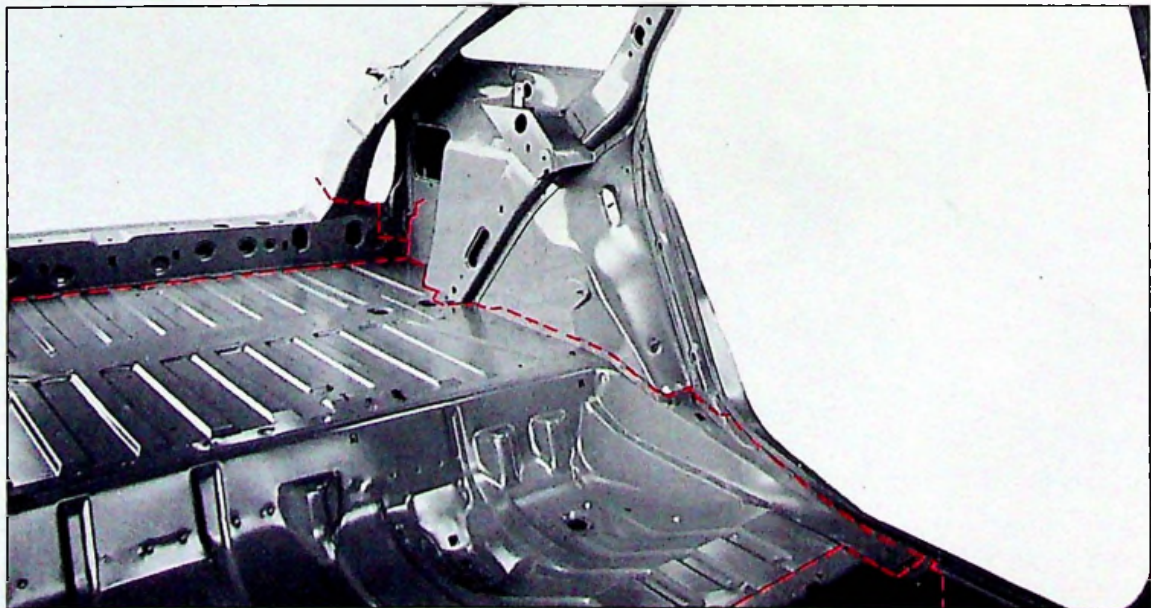
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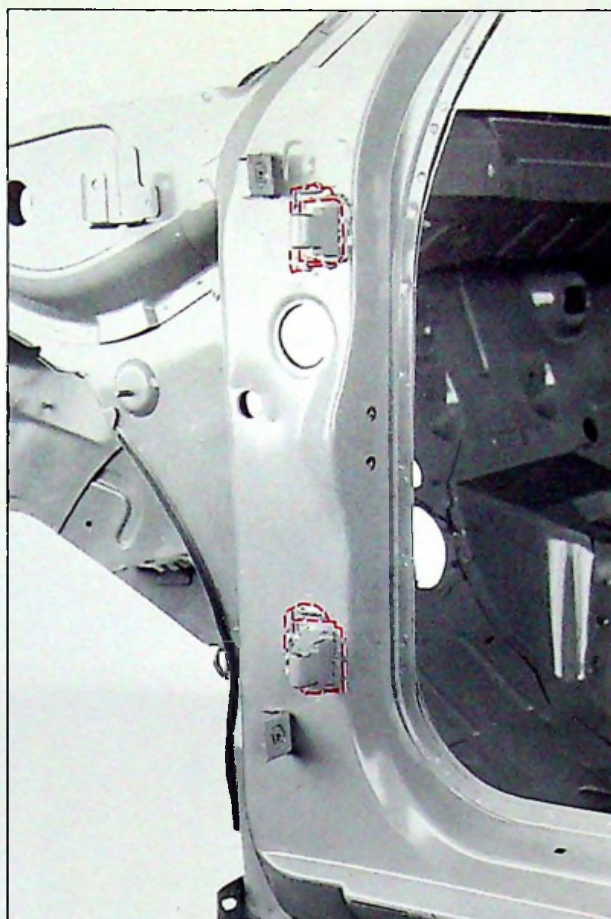
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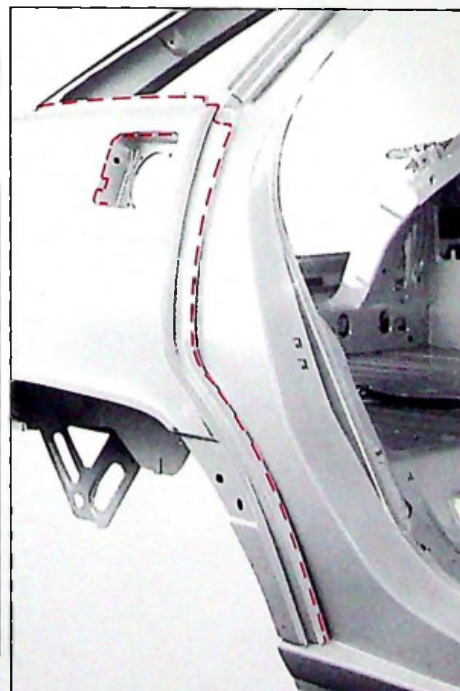
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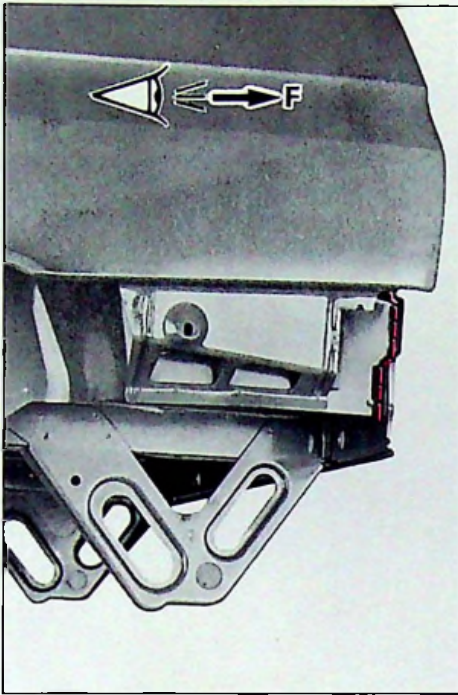
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800-00/3

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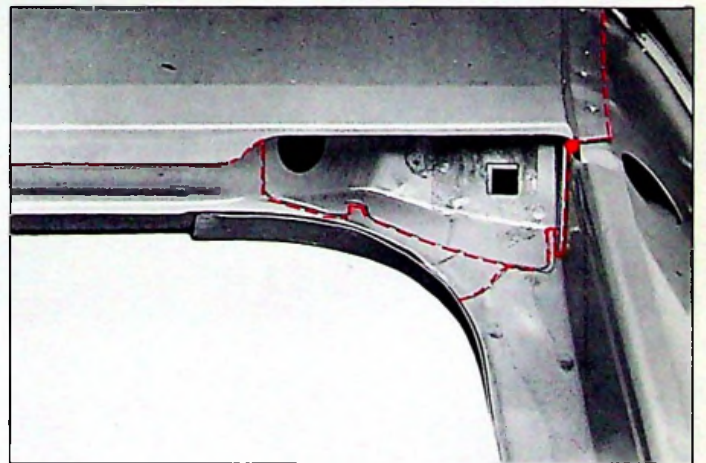
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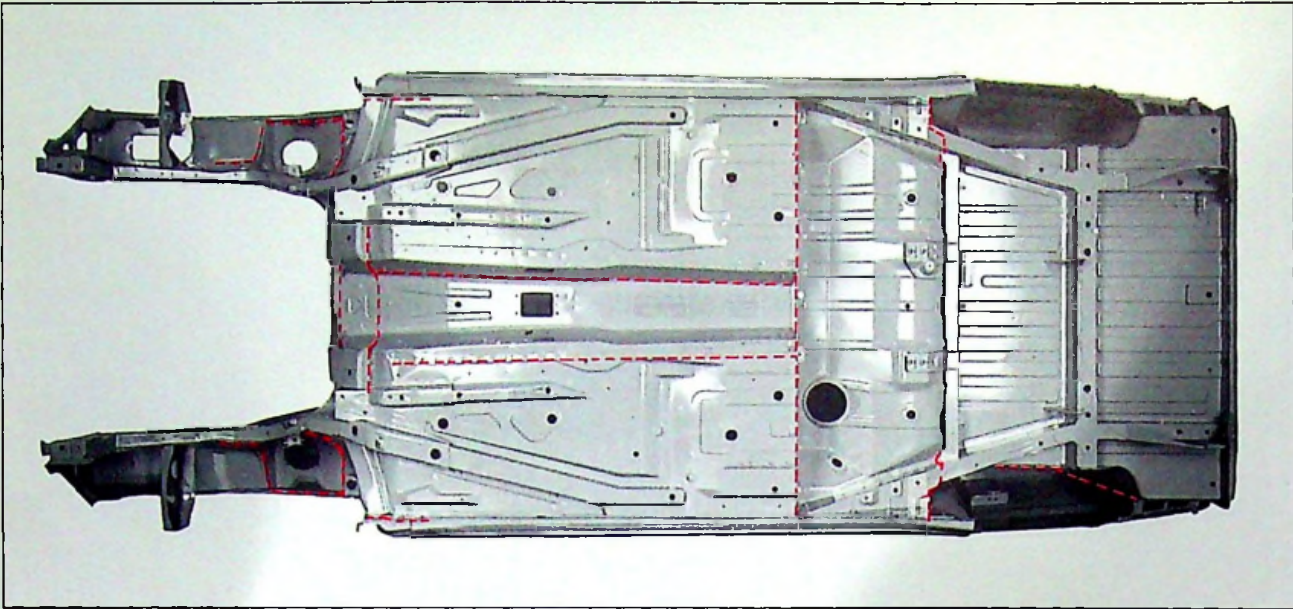
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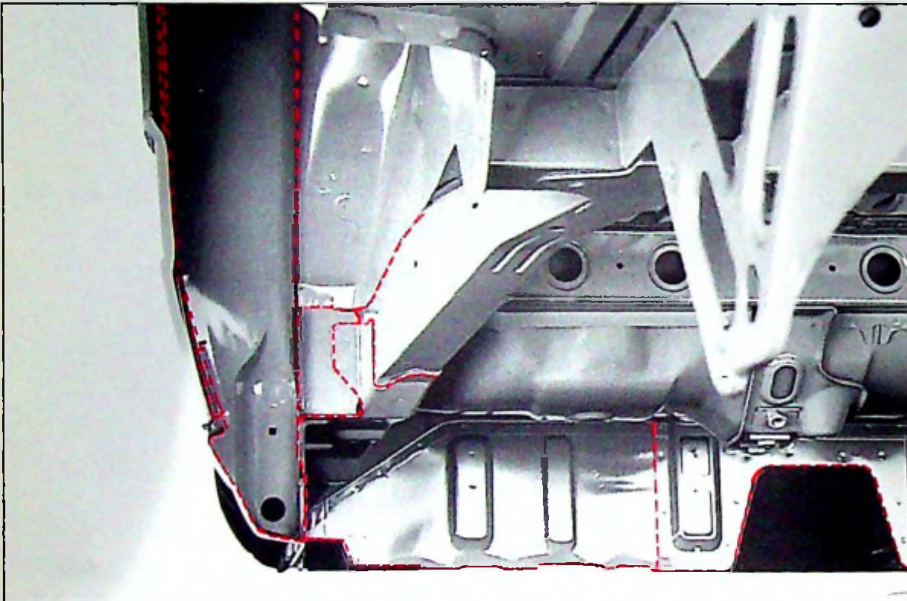
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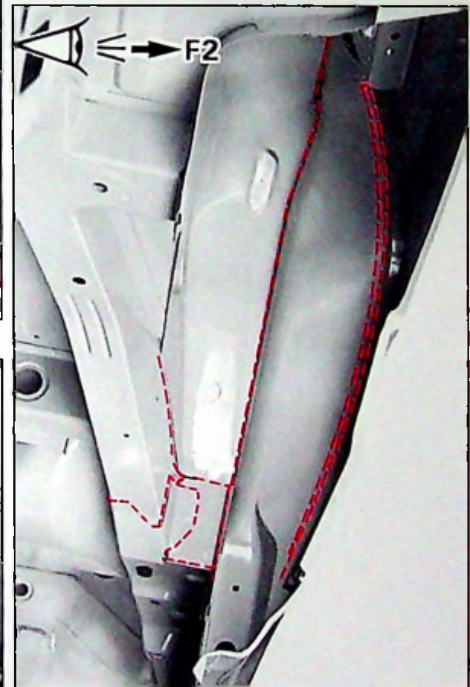
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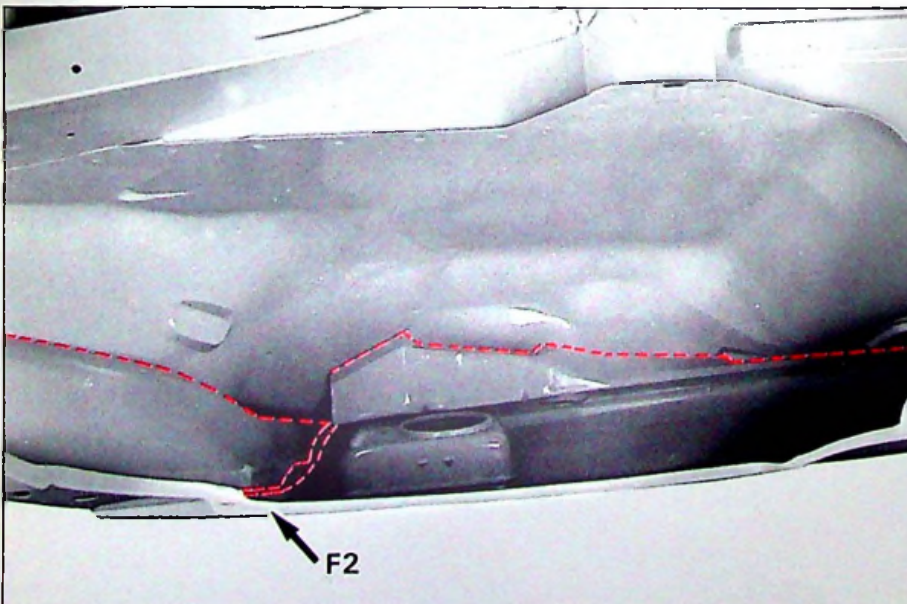
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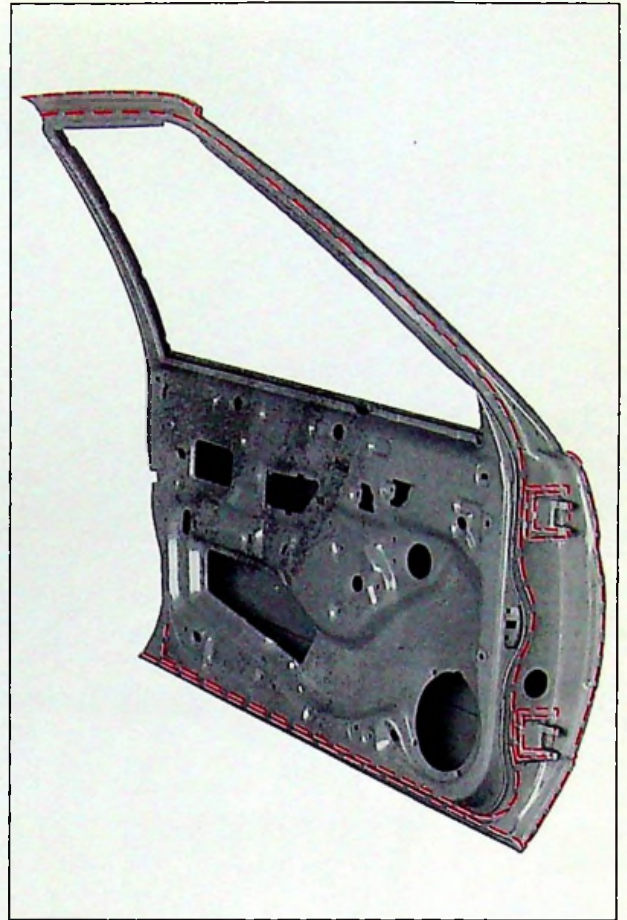
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800-00/3

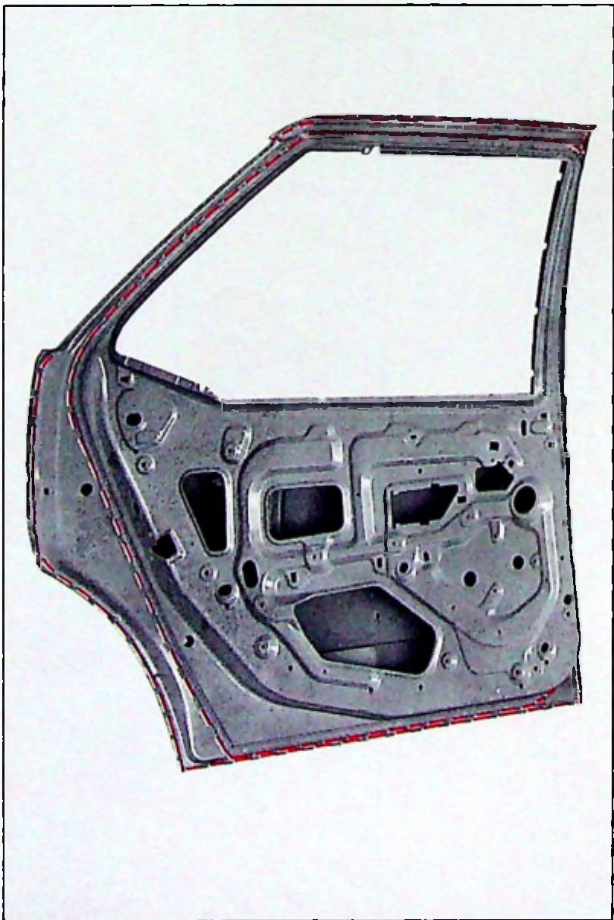
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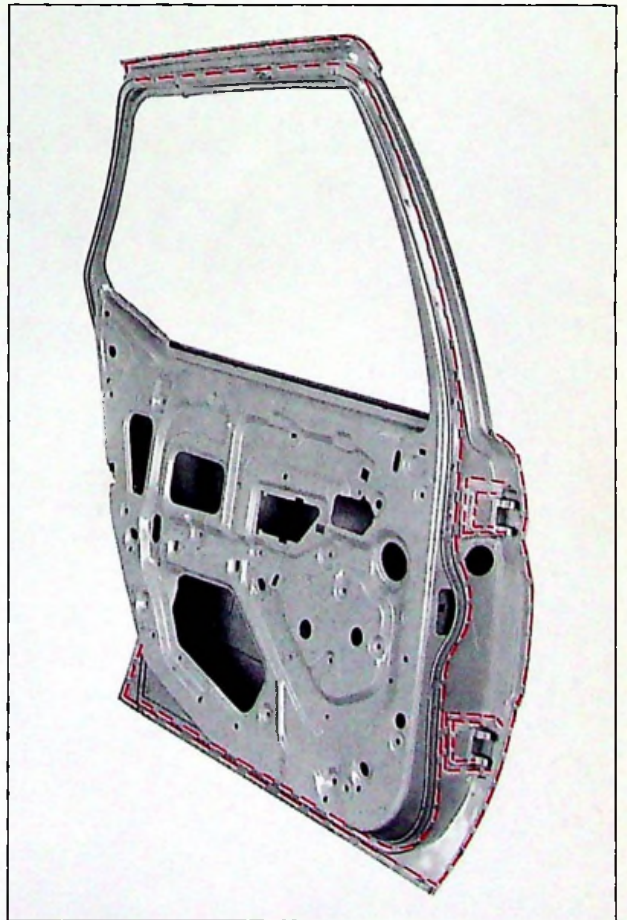
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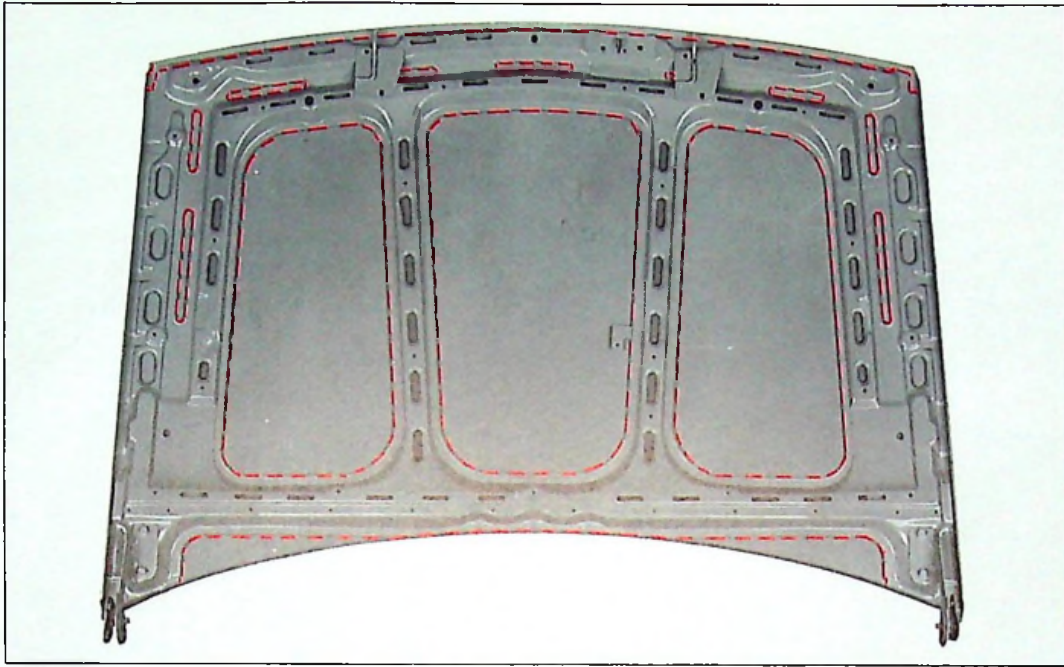
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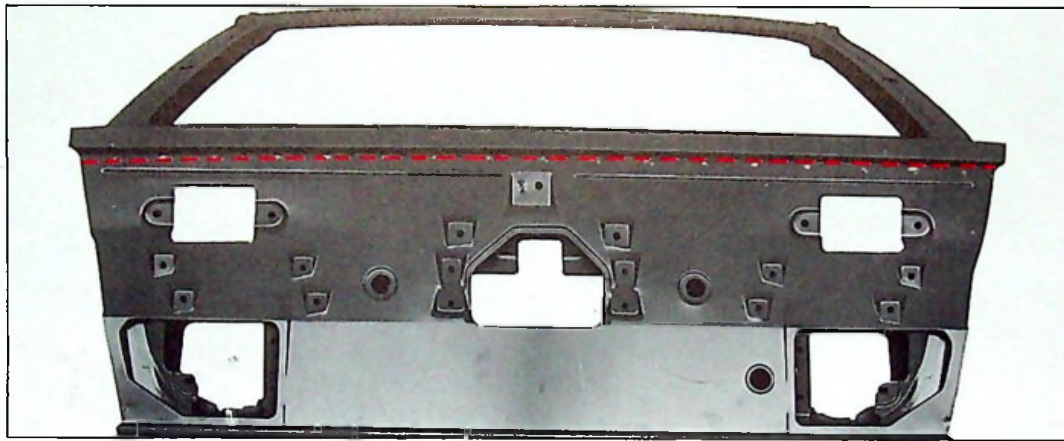
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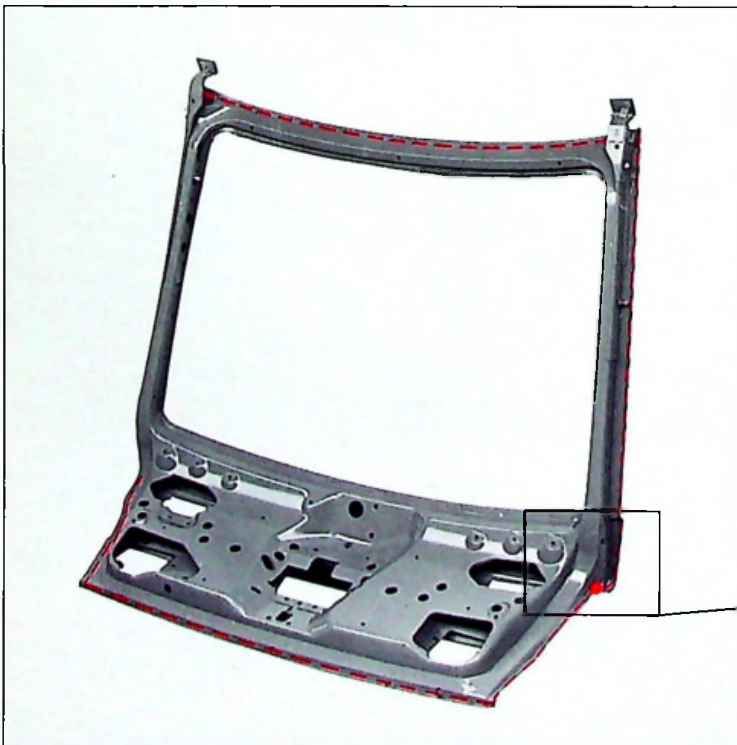
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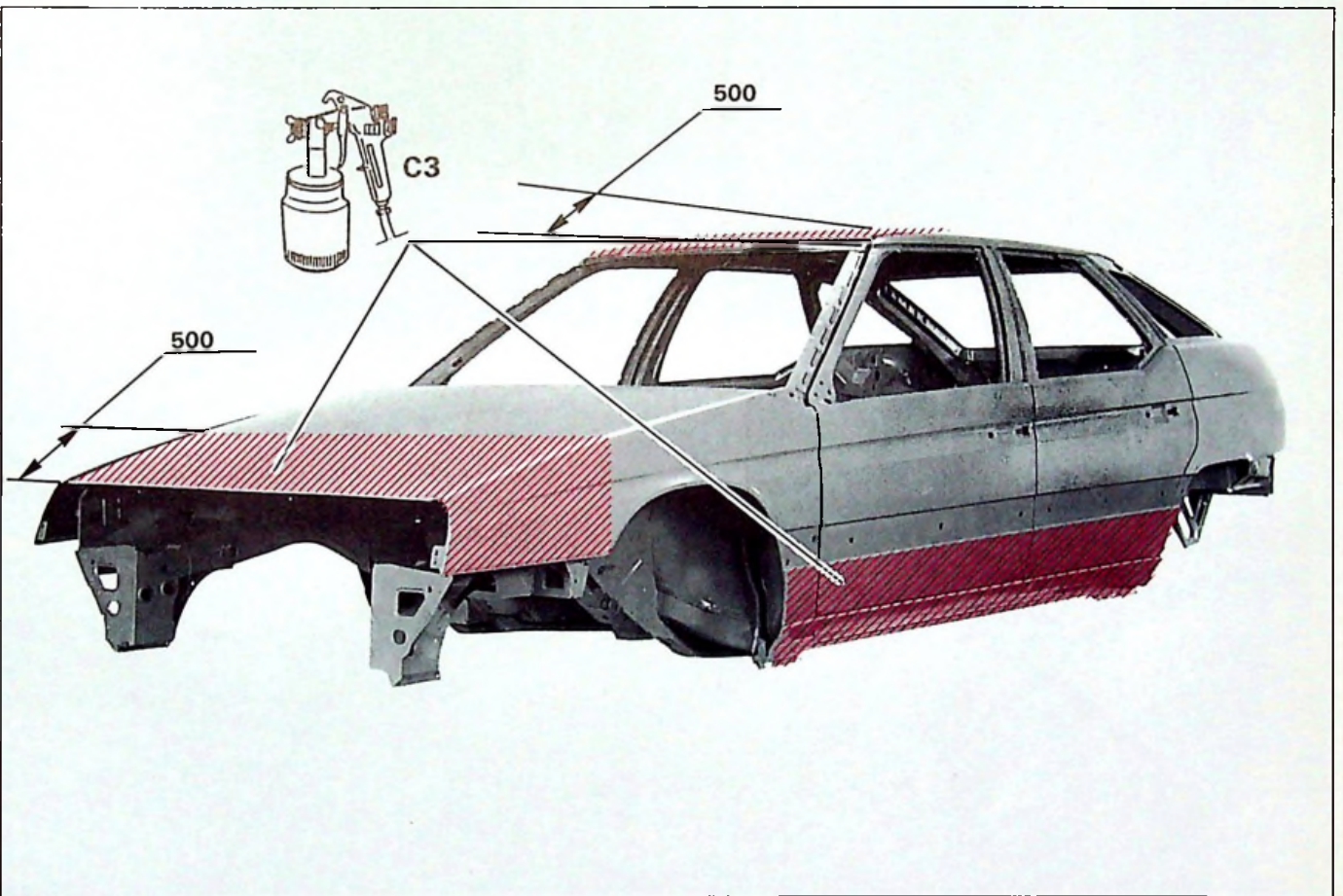
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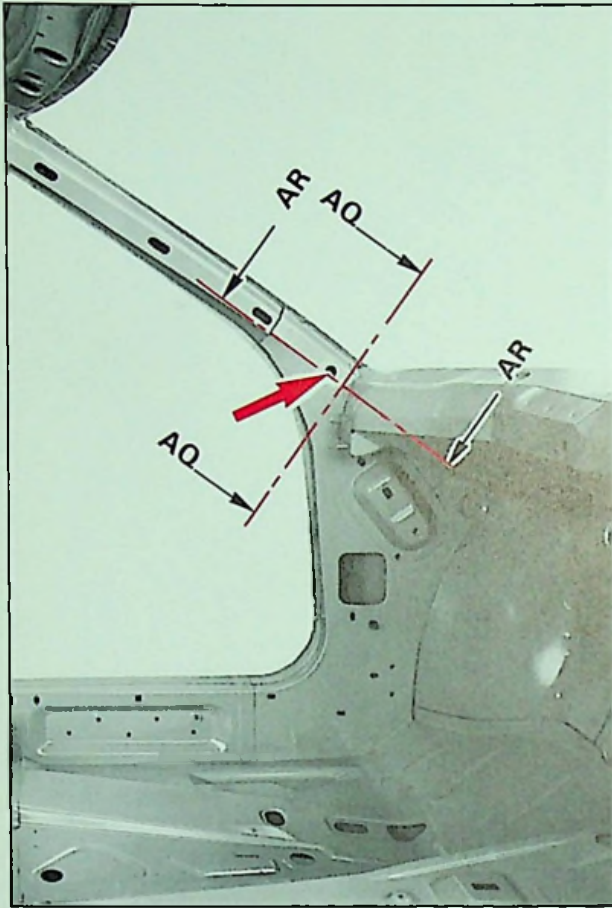
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XM
800-00/3

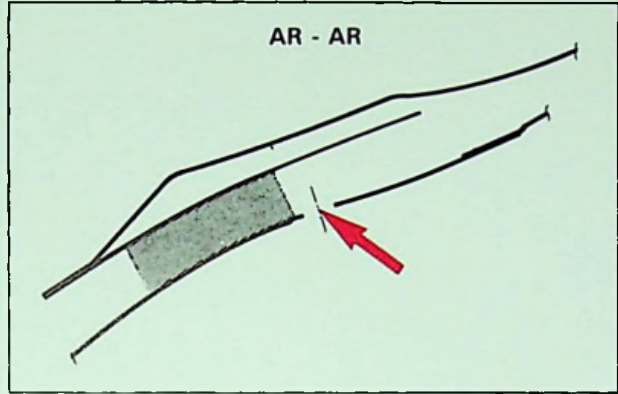
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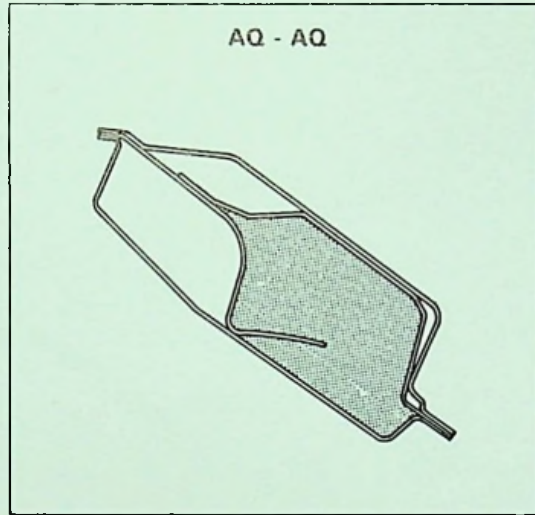
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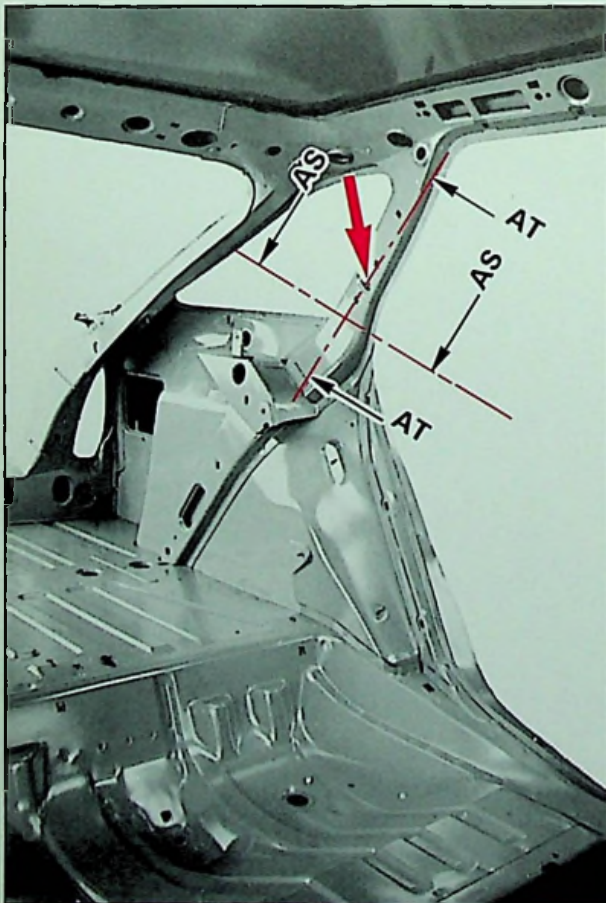
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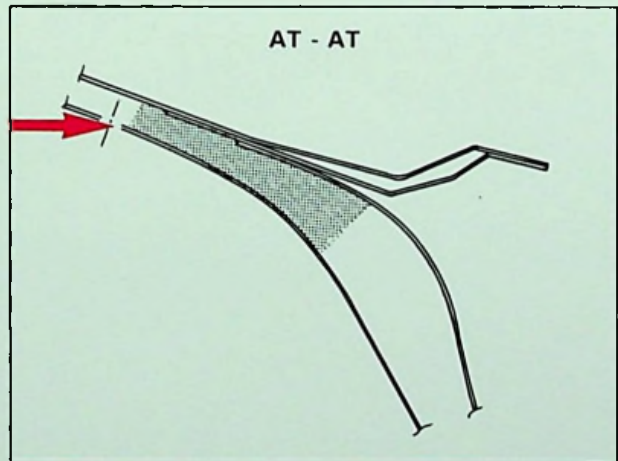
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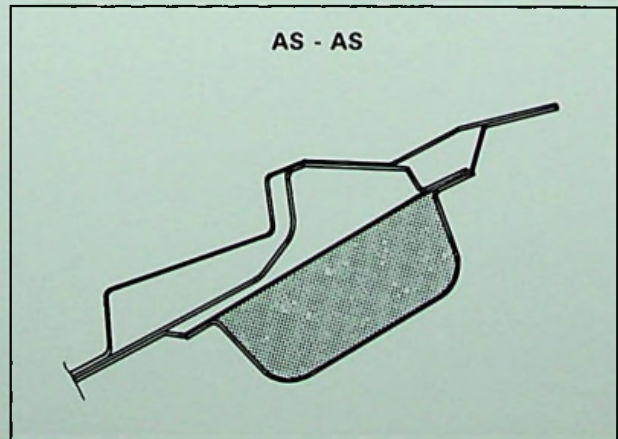
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Y.80-6



Y.80-6



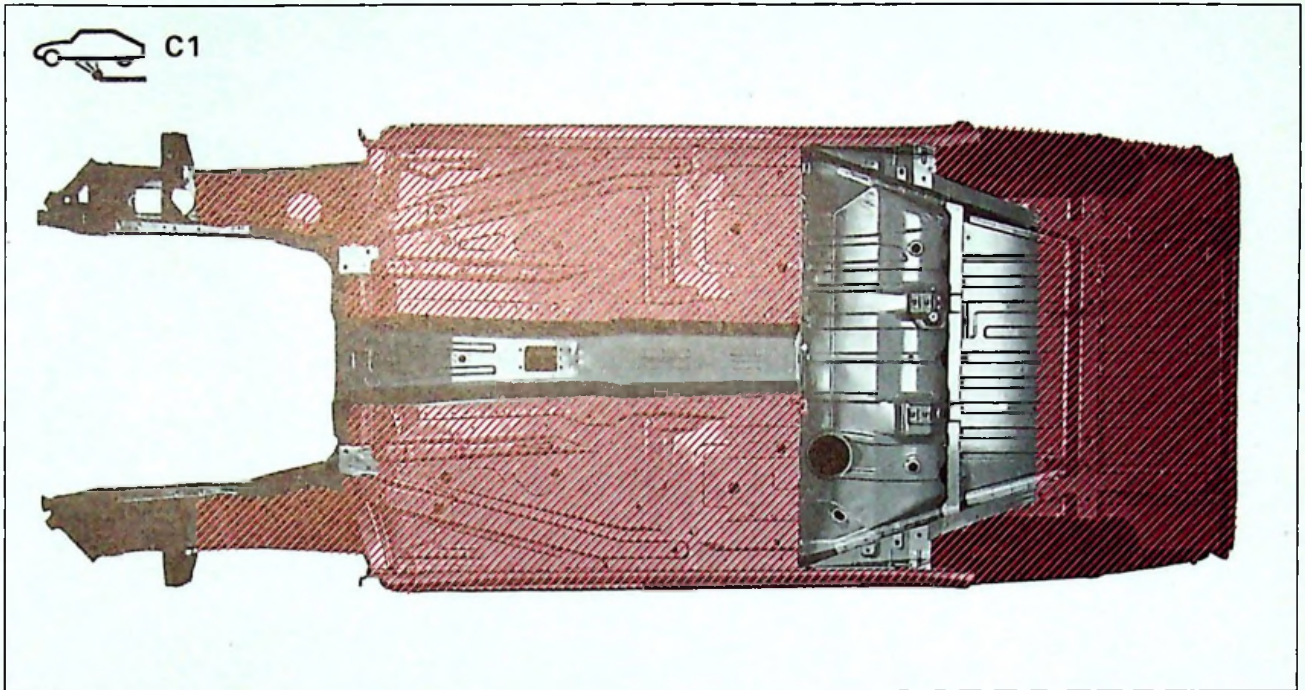
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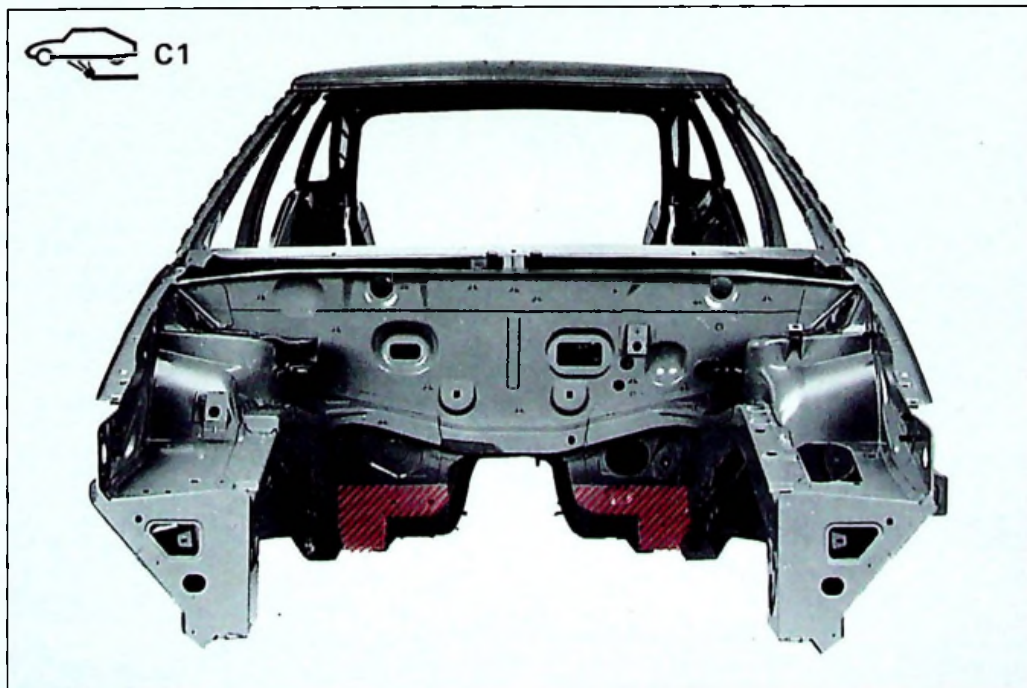
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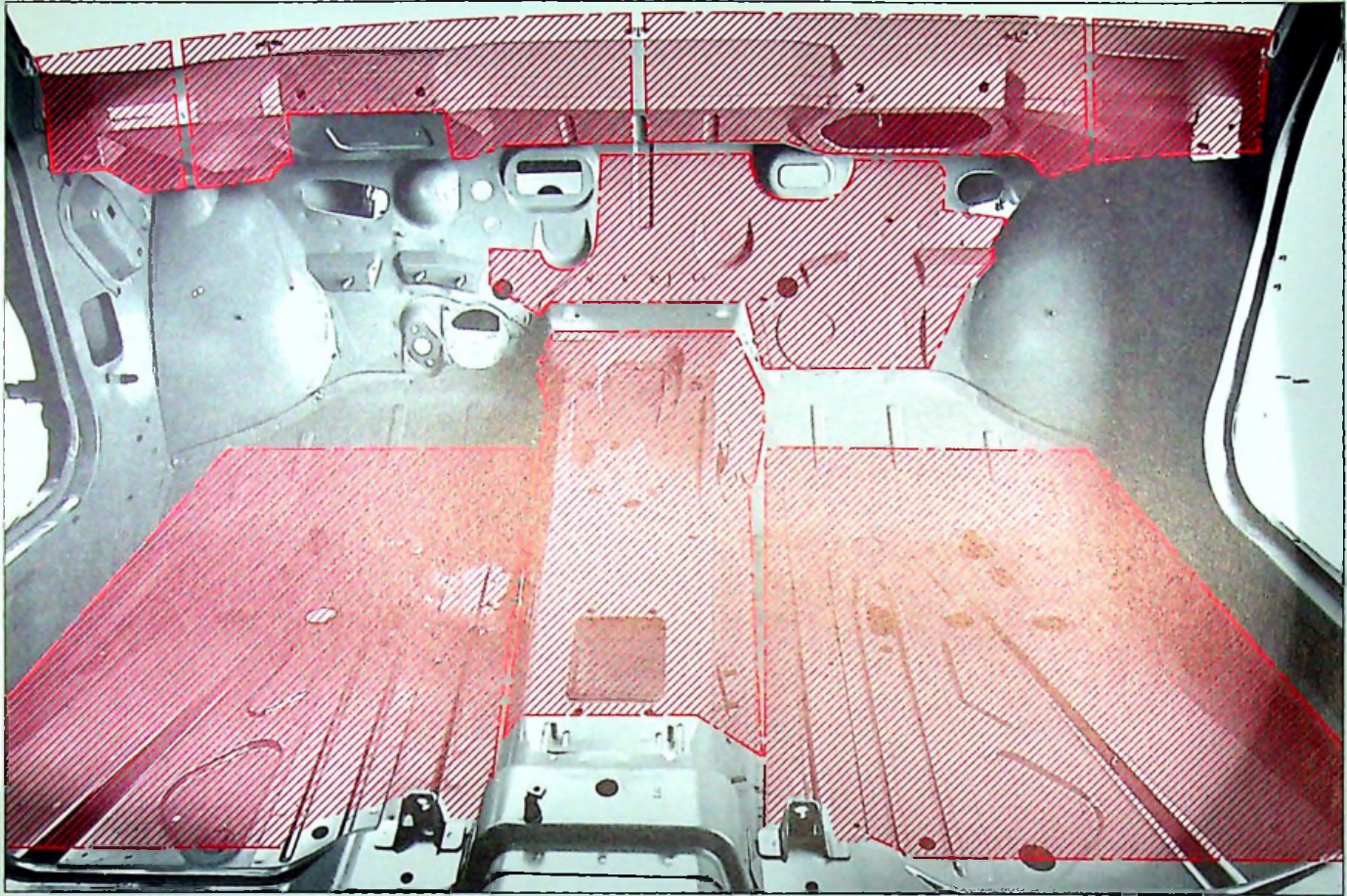
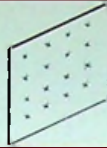
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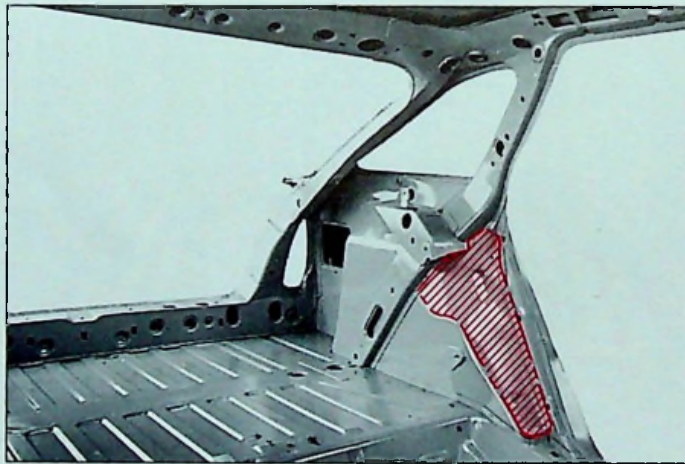
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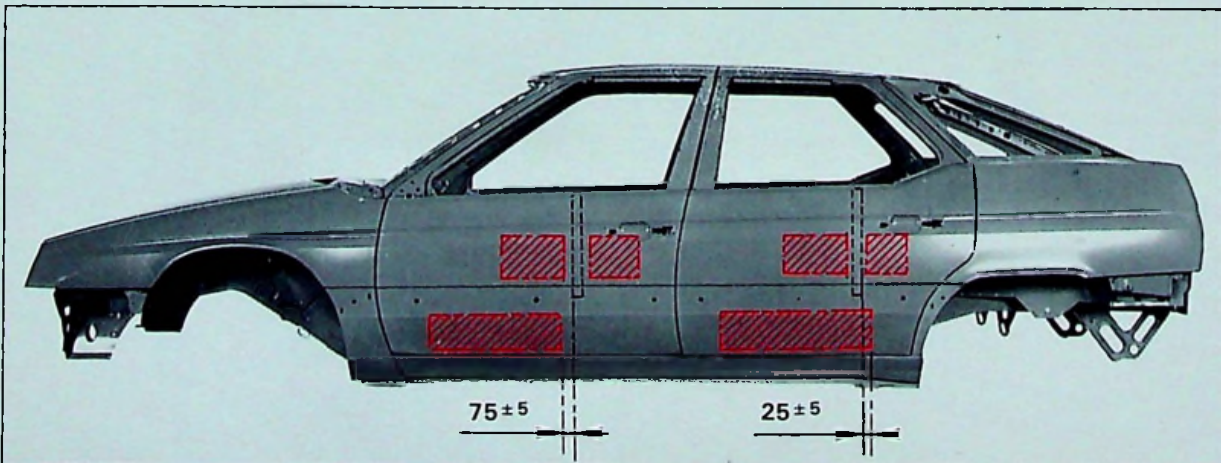
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14

COQUE

XM
800-00/4

1

REMISE EN ETAT DE LA COQUE



I. ELEMENTS VENDUS PAR LE DEPARTEMENT DES PIECES DE RECHANGE

REPERE	DESIGNATION	N° OPERATION
1	Traverse avant de pavillon	XM 825-3/1
2	Pavillon assemblé	XM 825-3/1
3	Traverse arrière de pavillon	XM 825-3/1
4	Doublure de traverse	XM 823-3/2
5	Renfort inférieur d'entrée de volet gauche et droit	
6	Panneau arrière	XM 823-3/2
7	Appui de feu arrière gauche et droit	XM 823-3/1
8	Panneau arrière complet	XM 823-3/3
9	Renfort de fixation de roue de secours	
10	Plancher arrière	XM 831-3/1
11	Anneau de remorquage gauche et droit	
12	Longeronnet partie arrière gauche et droit	XM 831-3/2
13	Traverse de fixation d'essieu arrière	XM 831-3/3
14	Longeronnet avant gauche et droit	XM 831-3/4
15	Traverse avant de plancher arrière	XM 831-3/5
16	Traverse à talon	
17	Côté d'habitacle	XM 821-3/6
18	Partie inférieure côté d'habitacle	XM 821-3/7
19	Jet d'eau arrière	
20	Partie arrière côté d'habitacle	XM 821-3/5
21	Partie centrale côté d'habitacle	XM 821-3/3
22	Partie avant côté d'habitacle	XM 821-3/1
23	Jet d'eau avant	
24	Ame de longeron	XM 821-3/8
25	Doublure partie avant côté d'habitacle	XM 821-3/1
26	Renfort inférieur de montant de baie	
27	Renfort de charnières de pied avant	XM 821-3/2
28	Doublure de montant central	XM 821-3/3
29	Renfort de charnières de montant central	XM 821-3/4
30	Fermeture avant de doublure d'aile arrière	
31	Doublure d'aile arrière	XM 822-3/3
32	Doublure d'aile arrière assemblée	XM 822-3/3
33	Gouttière latérale de volet gauche et droit	XM 821-3/5
34	Doublure d'arc de pavillon	XM 821-3/5
35	Aile arrière	XM 822-3/1 - XM 822-3/2
36	Longeron extérieur	XM 821-3/9
37	Support extérieur arrière d'assise avant	
38	Brancard partie arrière	XM 801-3/5
39	Traverse avant d'assise avant	
40	Bloc avant	XM 801-3/7
41	Brancard partie avant	XM 801-3/5
42	Passage de roue avant	XM 801-3/4 - XM 801-3/2
43	Passage de roue avant assemblé	XM 801-3/4 - XM 801-3/6
44	Gousset de fixation latérale de pare-chocs avant	
45	Fermeture avant de brancard avant	XM 801-3/5
46	Doublure d'aile avant	XM 801-3/1
47	Collecteur d'auvent	XM 812-3/1
48	Renfort avant de brancard avant	XM 801-3/2
49	Renfort intermédiaire de brancard avant	XM 801-3/3
50	Renfort arrière de brancard avant	XM 801-3/4

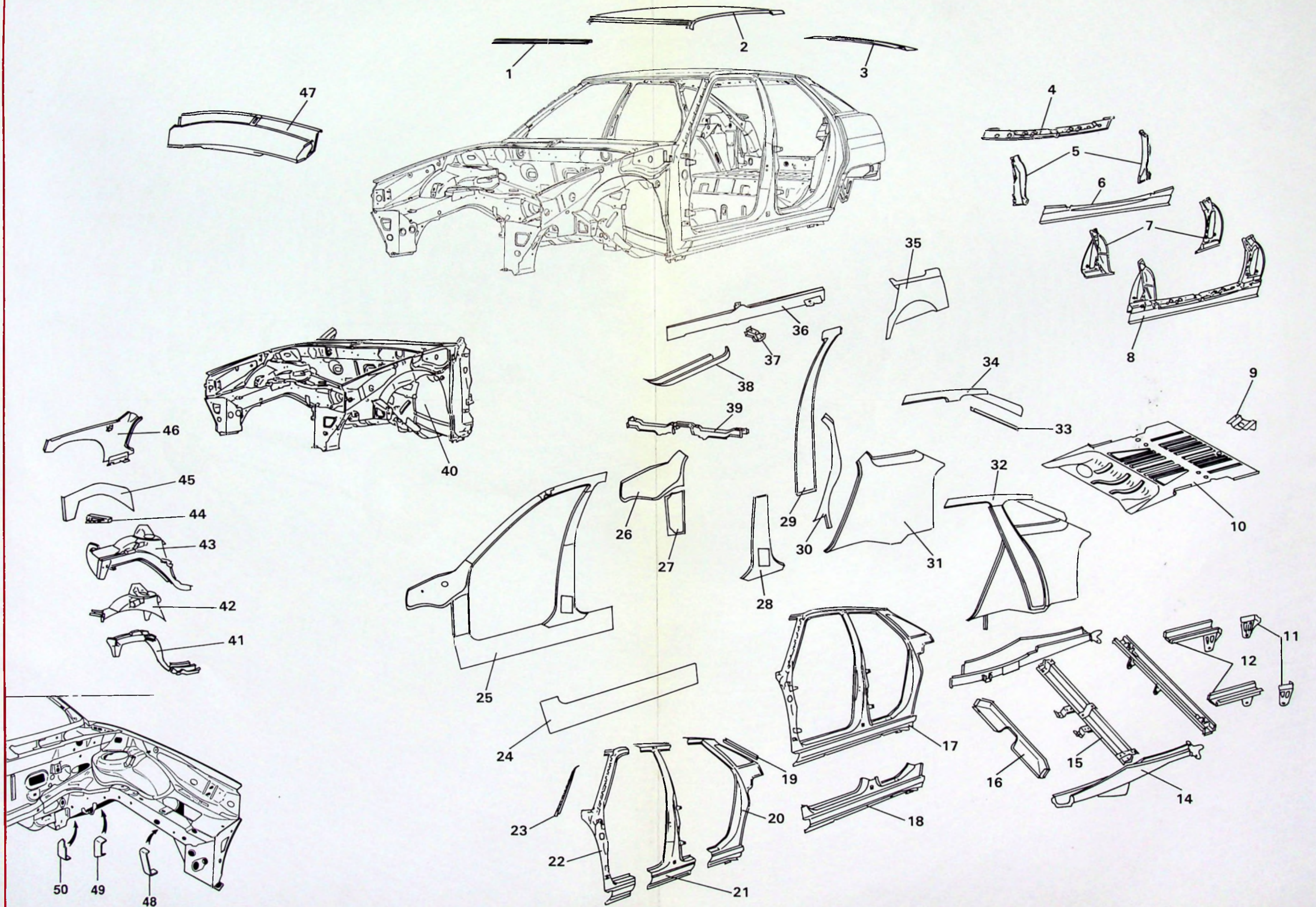


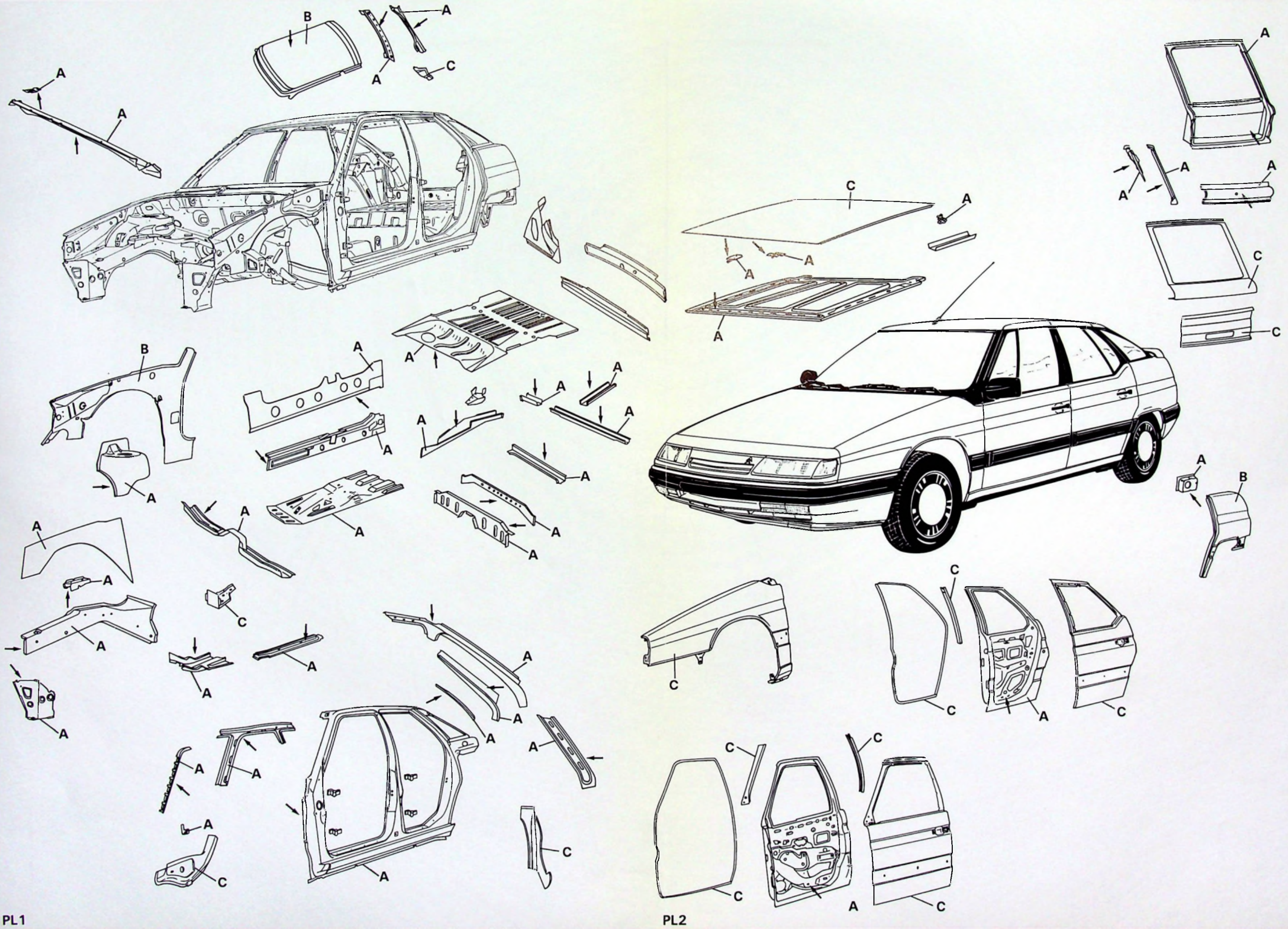
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XM
800-00/4

4







14

REMISE EN ETAT DE LA COQUE

XM
800-00/4

7

II. PIECES EN TOLES REVETUES DE ZINC

Les pièces représentées dans les vues ci-contre comportent un revêtement de zinc afin de les prémunir contre la corrosion.

On distingue différents types de revêtements de zinc (voir repères sur schémas).

- A** : Tôle EZ 10/0 ⇒ électrozinguée 1 face, épaisseur de zinc : 10 microns,
B : Tôle EZ 10/10 ⇒ électrozinguée 2 faces, épaisseur de zinc : 10 microns,
C : Tôle G 10/10 ⇒ galvanisée 2 faces, épaisseur de zinc : 10 microns.

NOTA : La → indique la face revêtue pour les tôles de qualité **A**.

Ce choix de pièce prérevêtue est fait en fonction de la vulnérabilité de certaines zones et est susceptible d'évolutions.

Les pièces vendues par le Département des Pièces de Rechange comportent les mêmes revêtements, mais n'apparaissent pas en raison de la couche de cataphorèse.

REPARATION DE LA COQUE

En réparation, il est nécessaire de détruire la couche de cataphorèse sur les deux faces des tôles dans les zones de soudage, ce qui par la même occasion détériore le revêtement au zinc.

Pour éviter que la réparation (en particulier les zones de soudage) soit le point de départ du processus de corrosion, il convient de prendre certaines précautions :

- éviter de décaper par meulage les zones de soudure des pièces neuves (les disques abrasifs détruisent la couche de zinc), mais utiliser plutôt une brosse métallique ou à fibre adaptable sur une perceuse pneumatique ;
- limiter le meulage, après dégrafage, aux zones où il y a surépaisseur de soudure ;
- dégraffer les pièces à remplacer par fraisage des points de soudure à l'aide de forets spéciaux (affûtés à plat).

Protection avant soudure

Pour assurer une protection correcte de la face interne des bords à souder par points (tôles électrozinguées ou pas) il est indispensable :

- soit d'appliquer une couche de 50 microns de peinture au zinc (≈ 3 couches avec un aérosol) ;
- soit de rezinguer les zones "décapées" à l'aide d'un poste de rezingage (voir : XM 800-00/5) ;
- d'ajouter un mastic d'étanchéité conducteur dans les cas d'une liaison étanche.

REMARQUE : les peintures au zinc ne doivent en aucun cas être utilisées comme sous-couches pour d'autres revêtements (peinture ou produits de protection).

ELEMENTS EXTERIEURS (Portes - capot - volet - ailes)

Il sont tous en tôle zinguée sur les deux faces et susceptibles de subir des opérations de redressage qui détruisent la couche de zinc.

Dans tous les cas lorsque cette couche de zinc est détériorée, il faut la refaire à l'aide du POSTE DE REZINGAGE.

Voir op. ⑭ 800-00/5



III. PIECES EN TOLES "H.L.E."

La recherche pour l'allègement des véhicules et l'accroissement de la sécurité des occupants conduit les constructeurs automobile à se pencher sérieusement sur la nature des matériaux utilisables pour concevoir la superstructure des carrosseries.

Comme d'autres véhicules CITROËN (AX-BX) la XM bénéficie de cet apport technique que représente les **Tôles à Haute Limite Elastique**.

REPARATION

Assemblage

Les tôles à haute limite élastique (H.L.E.) ne posent aucun problème particulier pour ce qui concerne les solutions d'assemblage par soudure par résistance ou MAG, mais il convient toutefois de respecter les solutions de coupe et d'assemblage préconisés dans les gammes de réparation.

Le soudage au chalumeau et le brasage sont des solutions d'assemblage à PROSCRIRE quelle que soit la nature des tôles.

Redressage

Les tôles H.L.E. peuvent être redressées pratiquement comme les autres.

Seul est à PROSCRIRE le redressage à chaud qui crée un affaiblissement local pouvant aller jusqu'à la rupture en particulier sur les fortes épaisseurs des pièces de structure.

Précautions à prendre :

- effectuer seulement du redressage à froid ;
- redonner la forme exacte notamment les angles, arêtes sur les pièces de structure telles que longerons, brancards, traverses... (toute trace, même légère de plis est une zone affaiblie).

Il est à noter que ces consignes se vérifient à un degré légèrement moindre sur des tôles de qualité classique.

Lorsque ces consignes ne peuvent être respectées, il faut échanger la pièce.

LISTE DES PIECES EN TOLE "H.L.E" SUR XM

- 1 : Renfort de gâche volet arrière
- 2 : Support berceau de roue de secours
- 3 : Traverse d'essieu arrière
- 4 : Entretoise renfort de tunnel (pièce vissée)
- 5 : Renfort commande de vitesse
- 6 : Supports de cric (4 pièces)
- 7 : Ame de longeron partie avant (G et D)
- 8 : Fermeture de brancards avant (G et D)
- 9 : Doublure armature de pare-chocs avant
- 10 : Armature pare-chocs avant
- 11 : Embout de brancard avant (G et D)

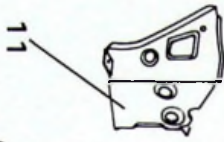
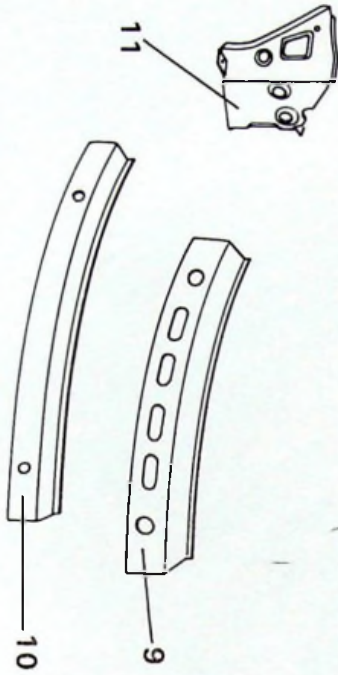
Nota : cette liste est susceptible d'évolutions.



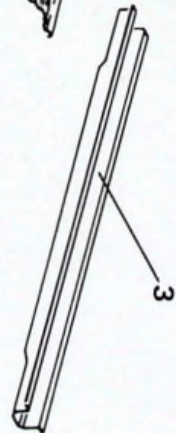
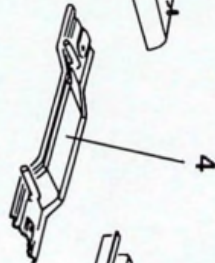
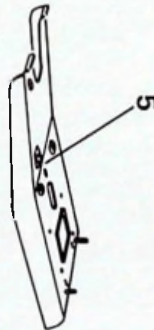
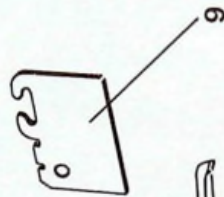
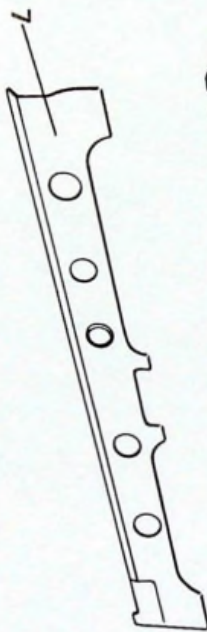
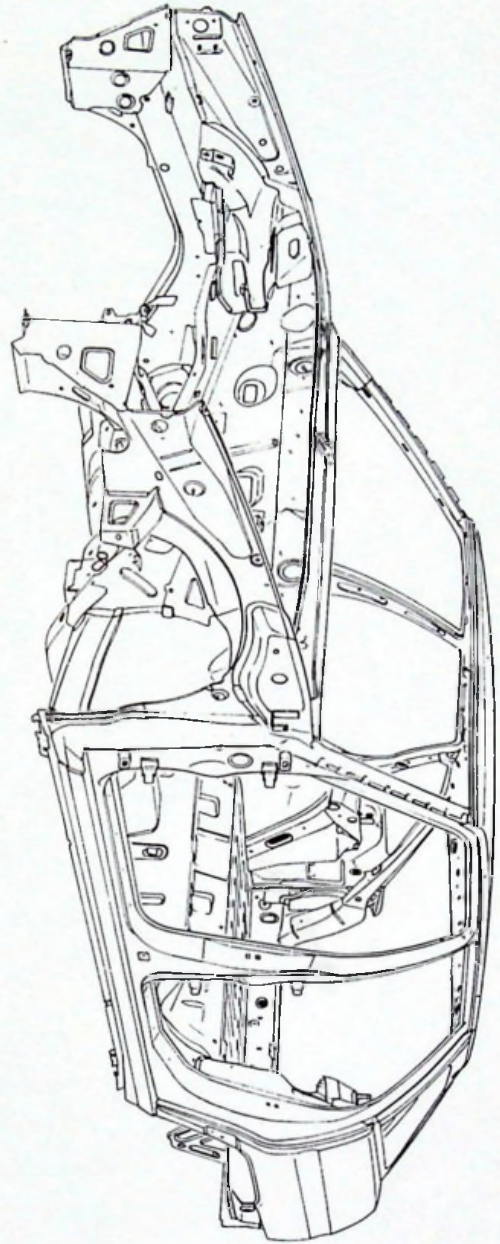
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800-00/4

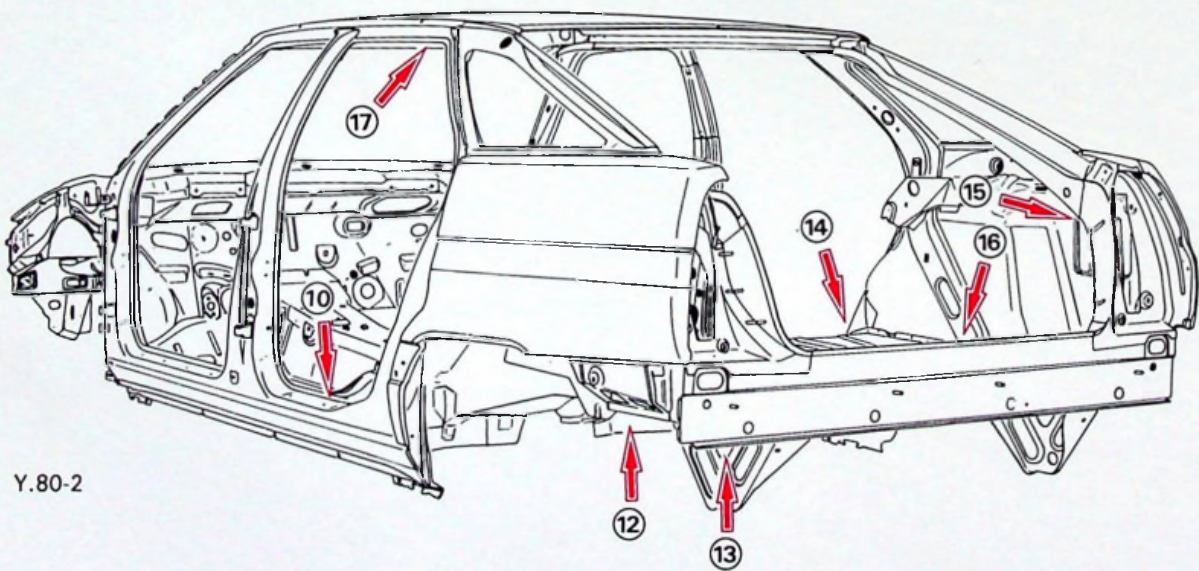
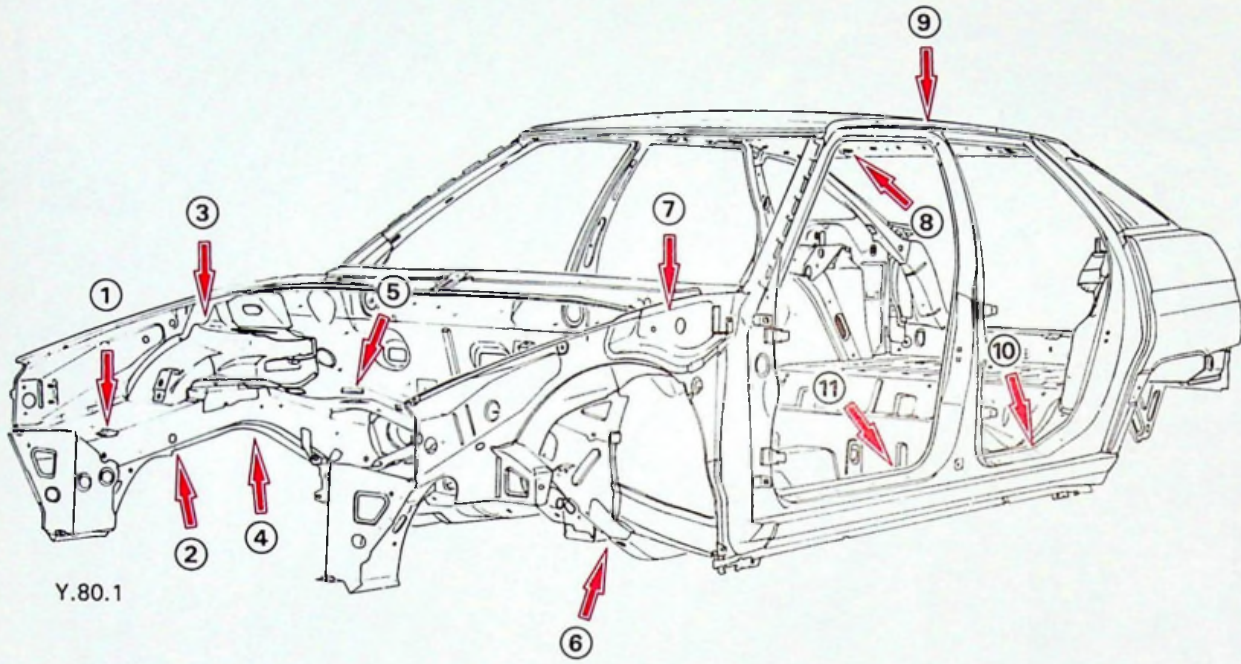
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Y.80-1



Y.80-9





14

IV. CONTROLE D'UN VEHICULE ACCIDENTE

Procéder aux vérifications suivantes, en respectant l'ordre ci-dessous :

1) Contrôle visuel :

Recherche de plis, déformations, criques, etc...

2) Contrôle de la géométrie des essieux :

Opérations réalisées à l'aide d'appareils optiques sans dépose mécanique.

3) Contrôle du soubassement sur banc :

Opérations réalisées sur banc de contrôle (de type CELETTE, CAROLINER, etc...) sans dépose mécanique.

1) CONTROLE VISUEL

Tout impact provoque des déformations sur une coque de véhicule, déformations plus ou moins visibles suivant la violence et les zones de ces impacts. La recherche de ces déformations permet dans la plupart des cas de définir un diagnostic précis, ainsi que les opérations à réaliser pour la remise en état de la coque.

En l'absence de toutes déformations visibles, il est recommandé de procéder à un contrôle de la géométrie des essieux, voir même à un contrôle de soubassement sur banc (vrillage de la coque).

DEFORMATIONS - POINTS PARTICULIERS - Opérations à réaliser sur banc de contrôle :

SUR CHOC AVANT :

- ① - Brancard avant (extrémité avant)
- ② - Brancard avant (partie avant)
- ③ - Joue de passage de roue
- ④ - Brancard avant (zone support moteur)
- ⑤ - Brancard avant - Tablier
- ⑥ - Brancard avant (partie arrière)
- ⑦ - Passage de roue - Renfort avant de côté d'habitacle
- ⑧ - Entrée de porte avant
- ⑨ - Pavillon

SUR CHOC ARRIERE :

- ⑮ - Montant inférieur d'entrée de coffre
- ⑬ - Longeronnet sous-plancher (extrémité arrière)
- ⑫ - Longeronnet sous-plancher (partie avant)
- ⑯ - Plancher - Passage de roue (au niveau de la traverse arrière)
- ⑭ - Plancher - Passage de roue (partie avant)
- ⑰ - Brancard de pavillon
- ⑩ - Brancard de bas de caisse

SUR CHOC LATERAL :

- ⑪ - Brancard de bas de caisse (face intérieure)
- ⑭ - Passage de roue - Plancher

2) CONTROLE DE LA GEOMETRIE DES ESSIEUX

Pour le contrôle des essieux avant et arrière, se reporter au Manuel de Réparation Mécanique : pour conditions essieux AV et AR.

3) CONTROLE DU SOUBASSEMENT SUR BANC

Se reporter aux opérations :

XM 800-0/1 ou **800-0/2** : Equipement CELETTE

XM 800-0/3 ou **800-0/4** : Equipement SEFAC

XM 800-0/10 ou **800-0/11** : Equipement de mesure "CAROLINER"

XM 800-0/20 ou **800-0/21** : Equipement de mesure "CELETTE Métro 2000"



14

REZINGAGE DES TOLES EN REPARATION

XM
800-00/5

1

Sur véhicule XM de nombreuses tôles sont revêtues de zinc (par électrozingage ou galvanisation) et notamment tous les éléments extérieurs qui le sont sur les deux faces.

Ces revêtements peuvent être détruits dans de nombreux cas de figure :

- rayures,
- opérations de redressage,
- réfection de liaisons soudées.

Pour obtenir une qualité de réparation aussi proche que possible de celle d'origine, il faut refaire cette couche de zinc si celle-ci a été détériorée.

MATERIEL
MODE OPERATOIRE

**COMPOSITION DE L'UNITE D'ELECTROZINGAGE 9008T**

Servant :

- ① - 1 générateur 12 V (à brancher sur 220 V).
- ② - 1 anode Ø 100 (pour grandes surfaces planes).
- ③ - 1 anode Ø 50 (pour surfaces planes "moyennes").
- ④ - 5 anodes Ø 13 (pour surfaces petites, d'accès difficile : peut être taillé à la forme souhaitée, à l'aide d'une lime).
- ⑤ - 1 porte-tampon (RSE) pour anodes Ø 50 et 100 mm.
- ⑥ - 1 adaptateur pour anodes Ø 50 et 100 mm.
- ⑦ - 1 porte-tampon (AX) pour anodes Ø 13 mm.
- ⑧ - 2 cordons 3 m (noir pour "-", rouge pour "+").
- ⑨ - 1 récipient en plastique (pour solution au zinc).
- ⑩ - 25 bonnettes pour anode Ø 13 mm.
- ⑪ - 10 bonnettes pour anodes Ø 50 et 100 mm.
- ⑫ - 3 litres solution au zinc.

MODE OPERATOIRE**Préparation de la surface :**

- Décaper, poncer avec papier 280.
- Dégraisser avec solvant non gras.

Mise en service

Brancher le générateur sur 220 V.

Brancher les cordons (noir sur borne correspondante du générateur et masse pièce, rouge sur borne correspondante du générateur et porte tampon).

Humidifier à l'eau la bonnette choisie pour faciliter l'imprégnation de zinc.

Visser l'anode sur le porte-tampon et fixer la bonnette.

Verser un peu de solution au zinc dans le bac plastique et déposer l'anode dedans.

Régler le potentiomètre du régulateur sur position 6. Lors de la déposition de zinc, l'ampère-mètre indiquera 20A (ce réglage permet une déposition régulière).

Déposition du zinc

A l'aide de l'ensemble tampon et bonnette imbibé de zinc, balayer plusieurs fois la surface à traiter (vous remarquerez alors un changement de couleur de la surface).

Un dépôt d'épaisseur de **10** microns est demandé.

Temps nécessaire pour déposer 10 microns sur 1 dm² : **environ 2 mn.**

Consommation de solution zingage N : **1 l/m².**

Nettoyage après zingage

Rincer abondamment la surface traitée à l'eau du robinet.

Effectuer un ponçage avec un papier super fin (P 1000 ou 1200), essuyer, sécher.

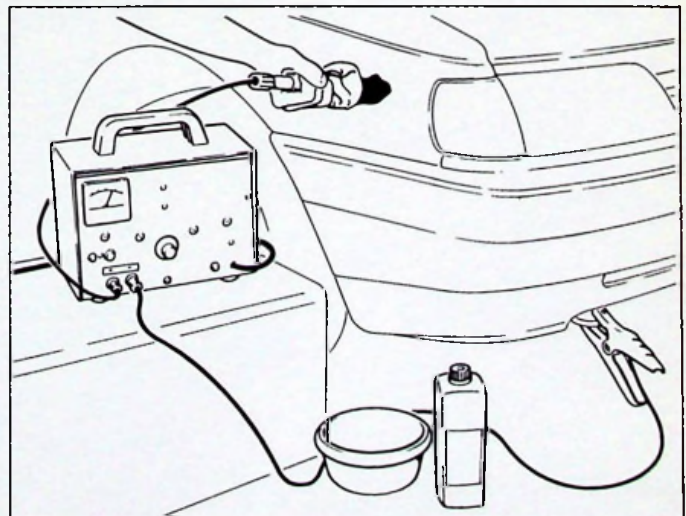
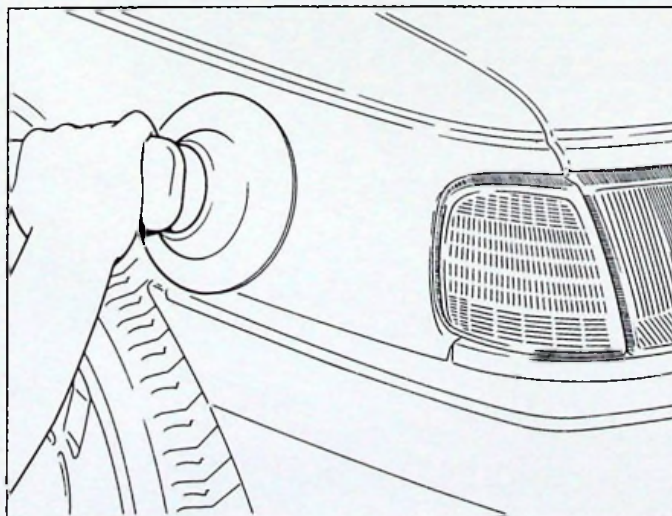
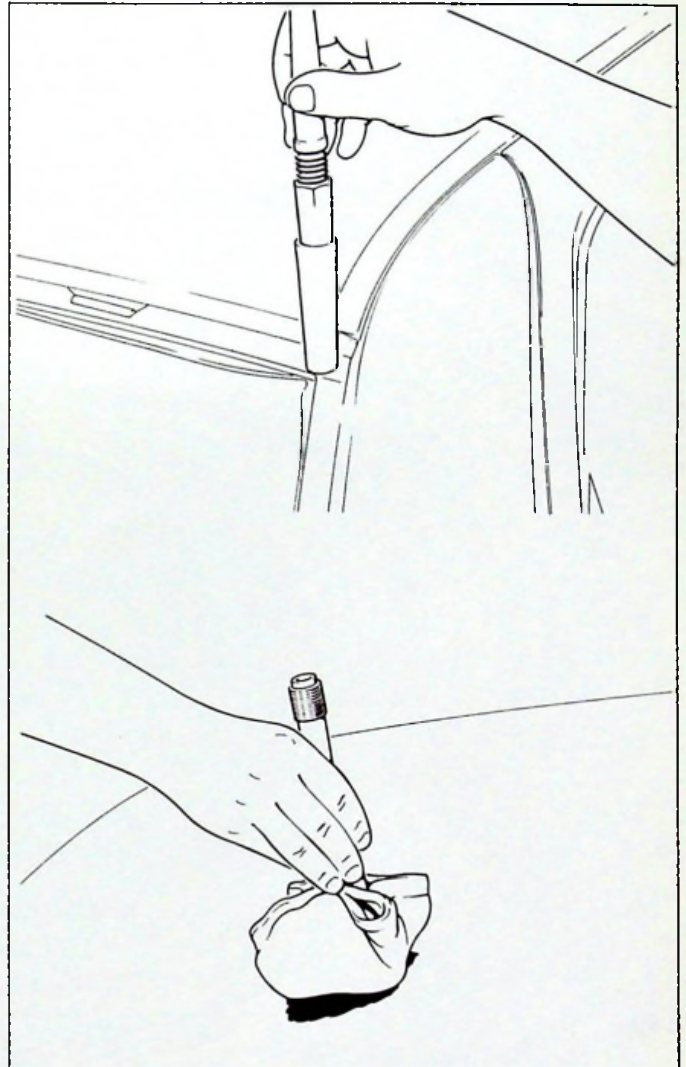
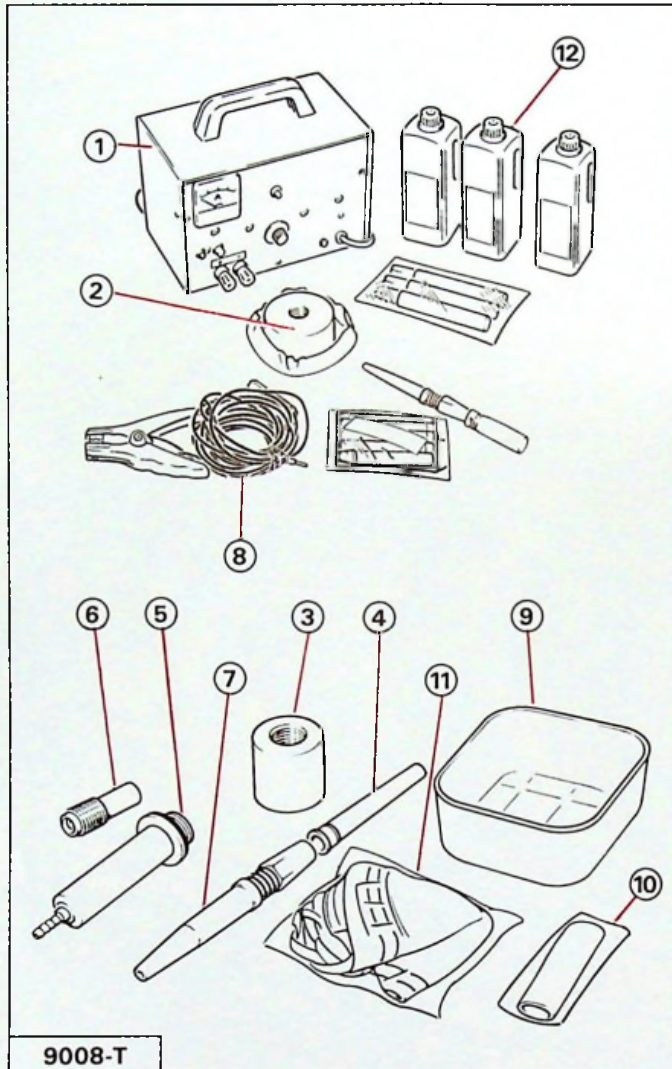
Peinture

La mise en peinture doit se faire immédiatement après zingage pour éviter toute oxydation superficielle, sinon reponcer.

Le processus de mise en peinture démarre au Wash-primer comme pour les tôles nues.

REMARQUE :

Les anodes doivent être régulièrement poncées au papier abrasif pour assurer une bonne conduction électrique.





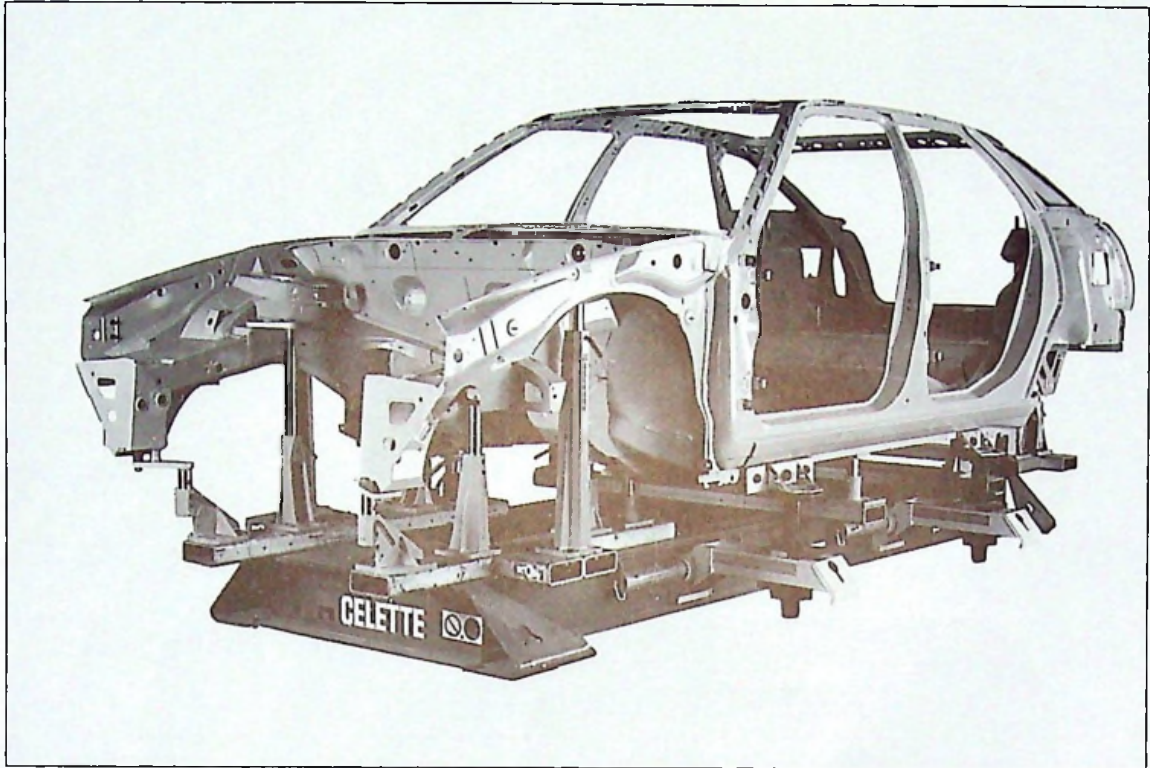
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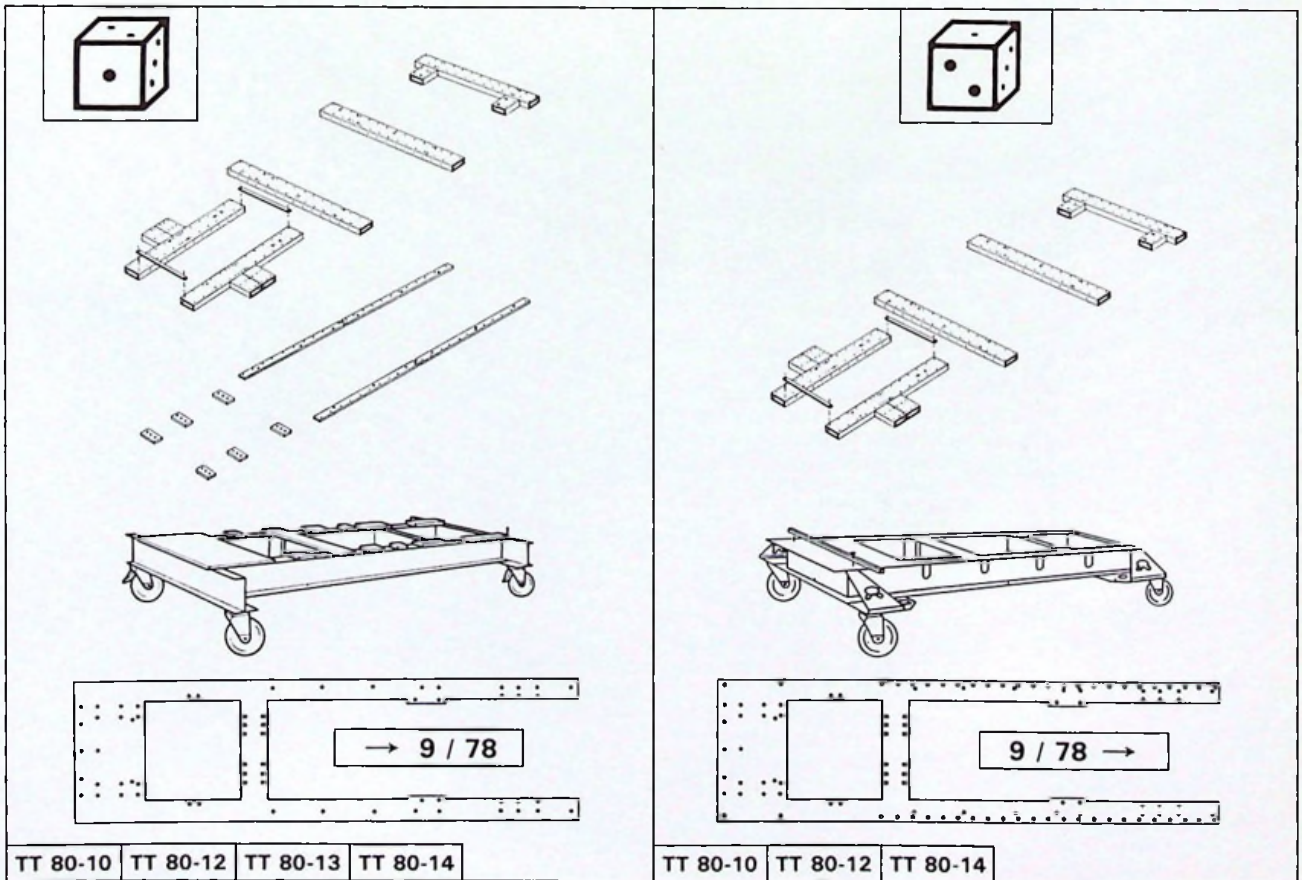
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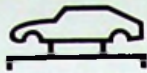
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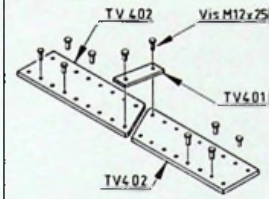
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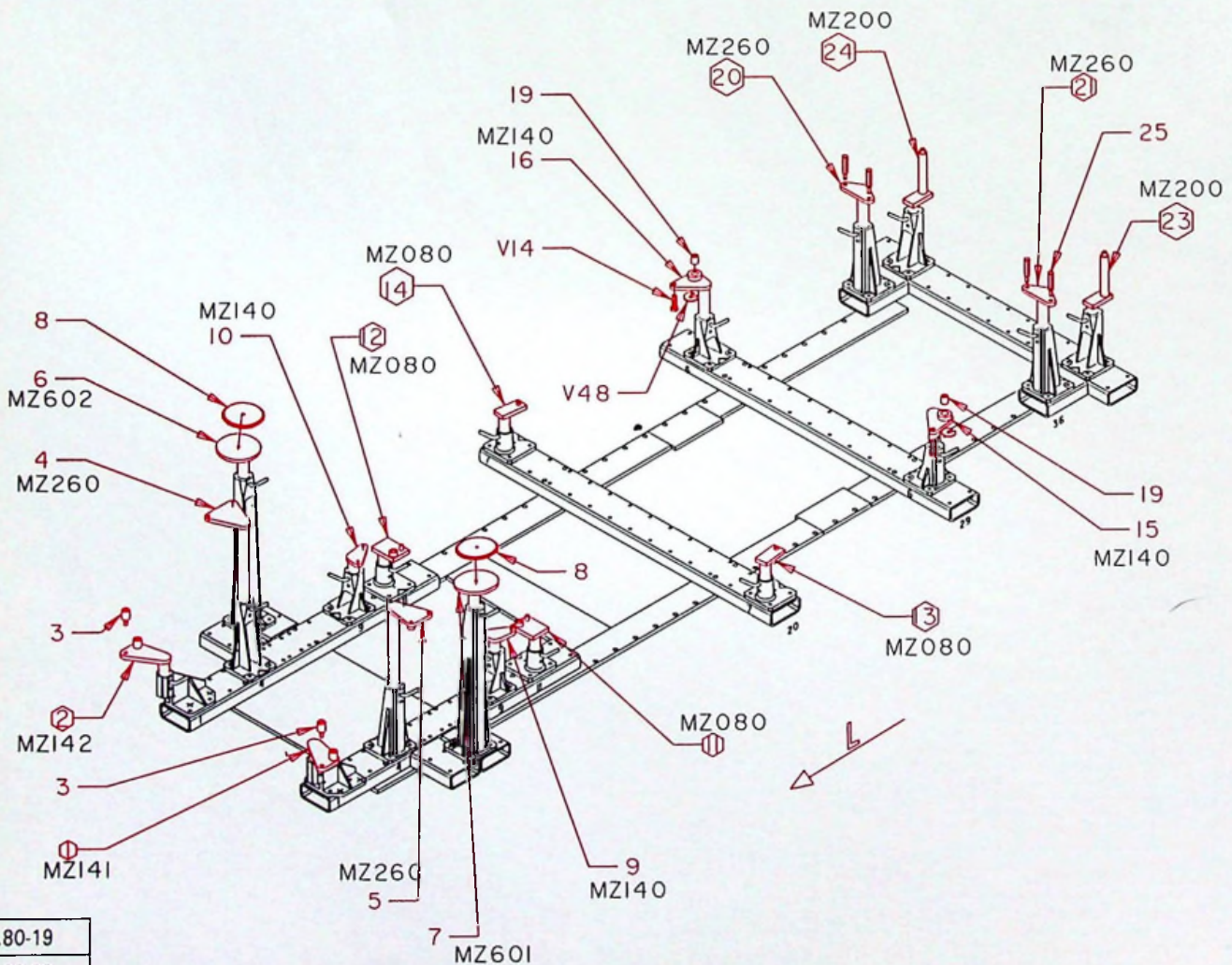
CELETTE MZ

Détails	MZ080	MZ140	MZ141	MZ142	MZ 200	Z260	MZ601	MZ602	TV400
Réf des Détails									
Quantité									



Z 80-22

REFERENCE CELETTE 562.300



Y.80-19
Y.80-20



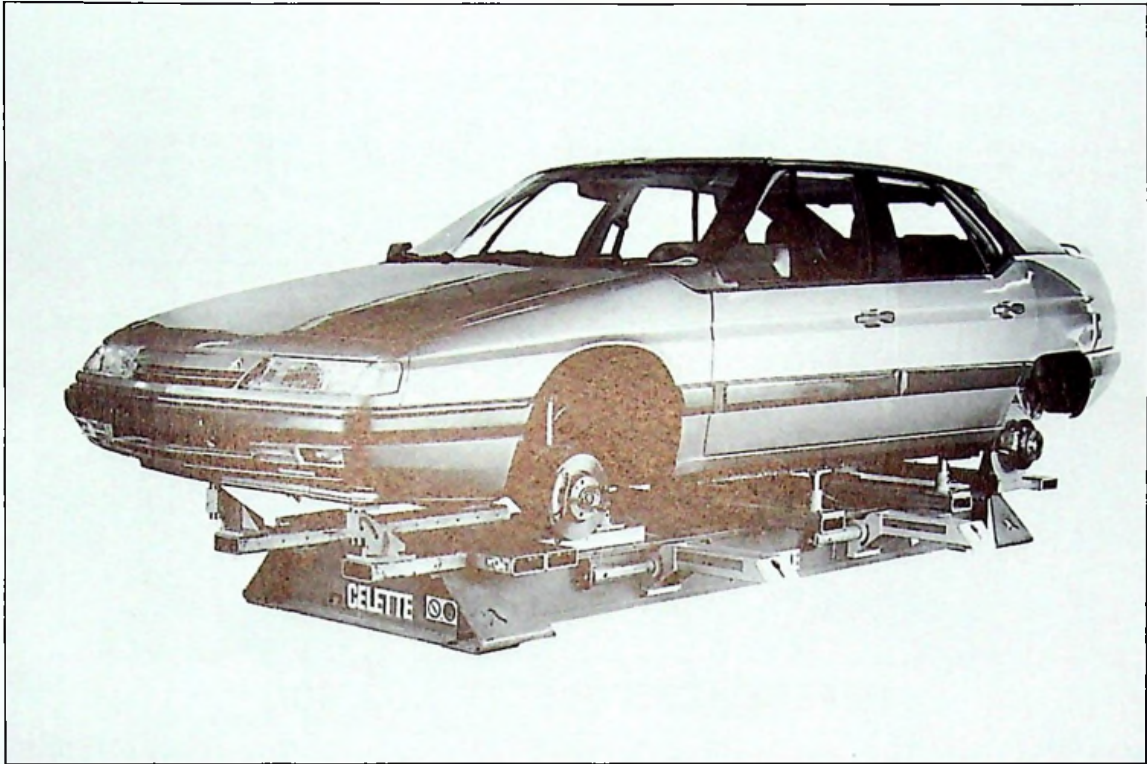
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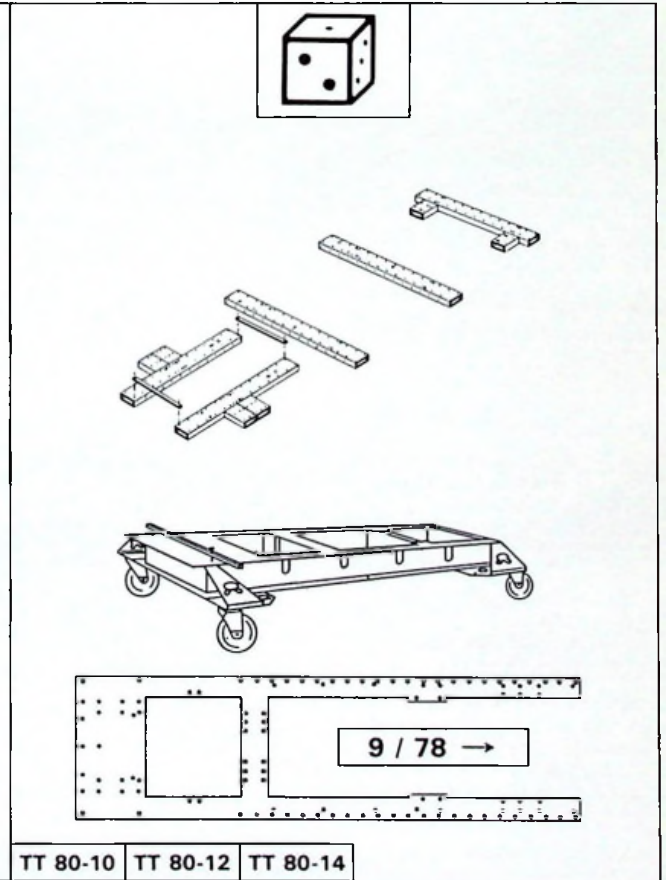
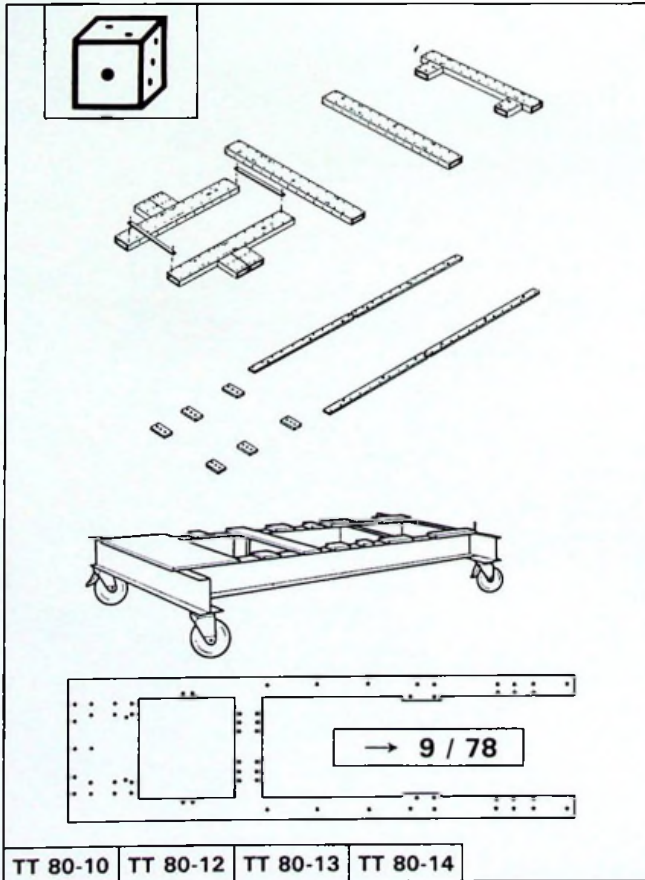
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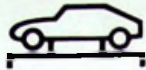
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800.0/2

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88.657



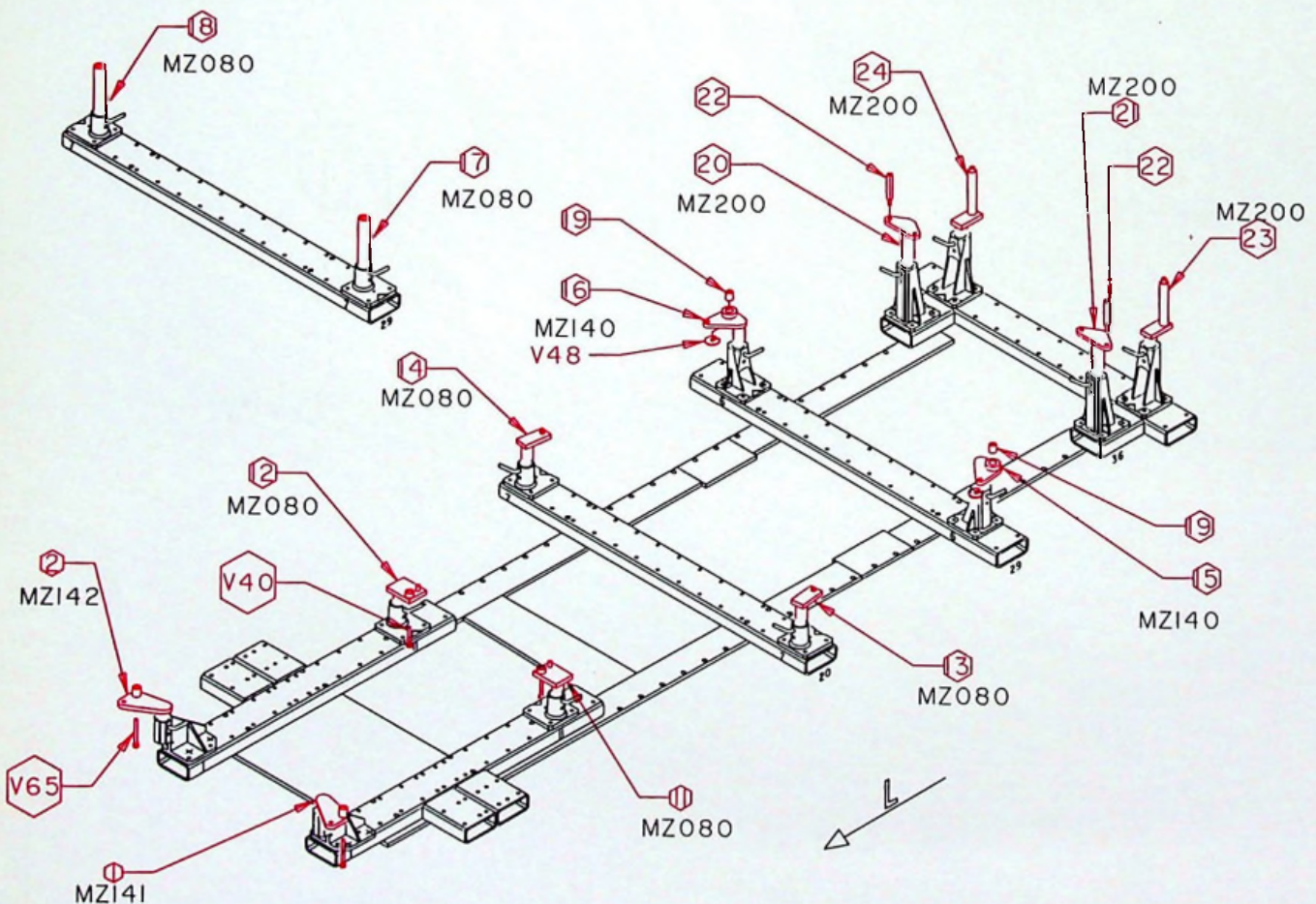


CELETTE MZ

Détails									
Réf. des Détails	MZ080	MZ140	MZ141	MZ142	MZ200	Z260	MZ601	MZ602	TV400
Quantité									

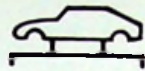
Z 80-22

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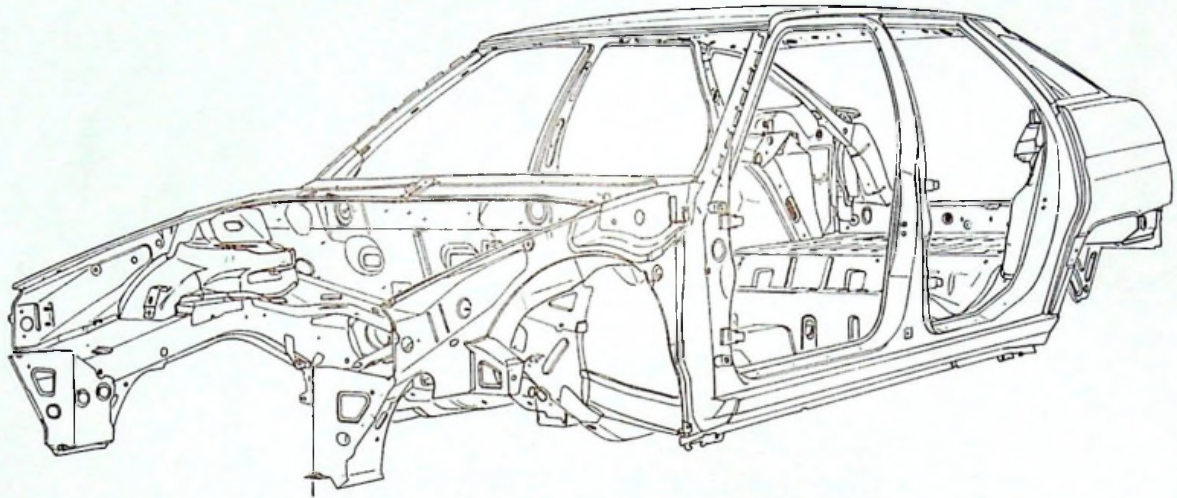
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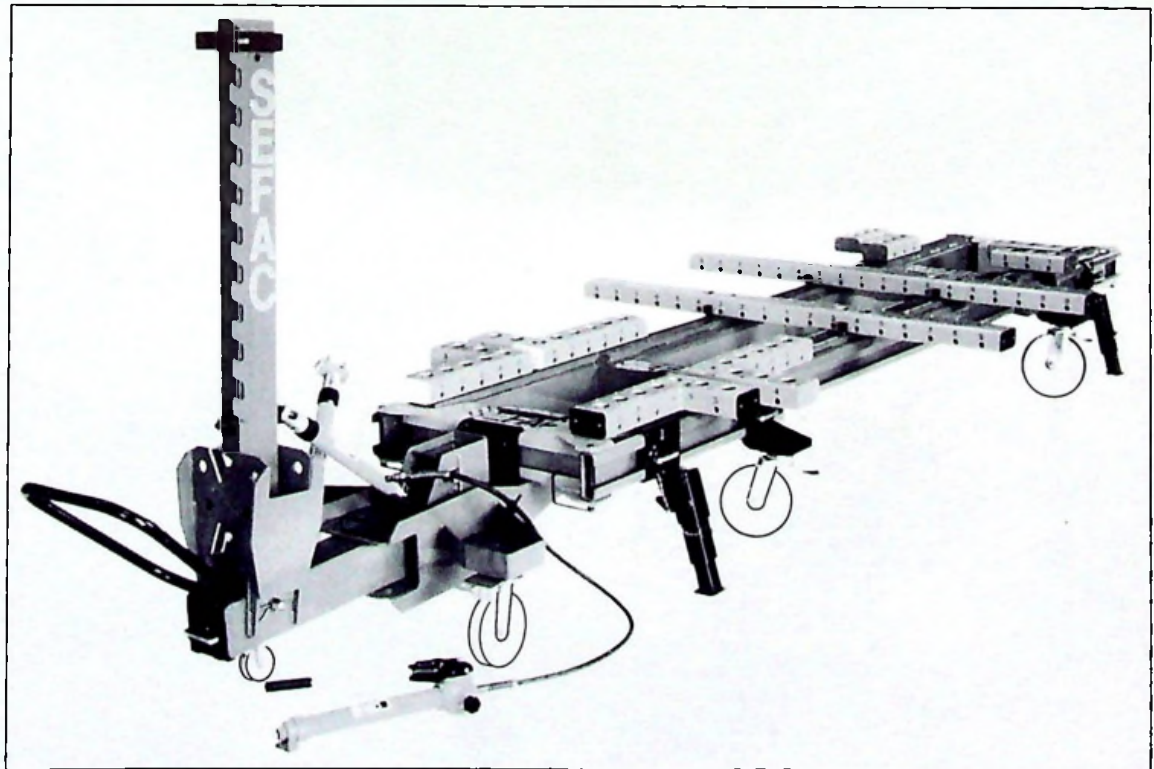
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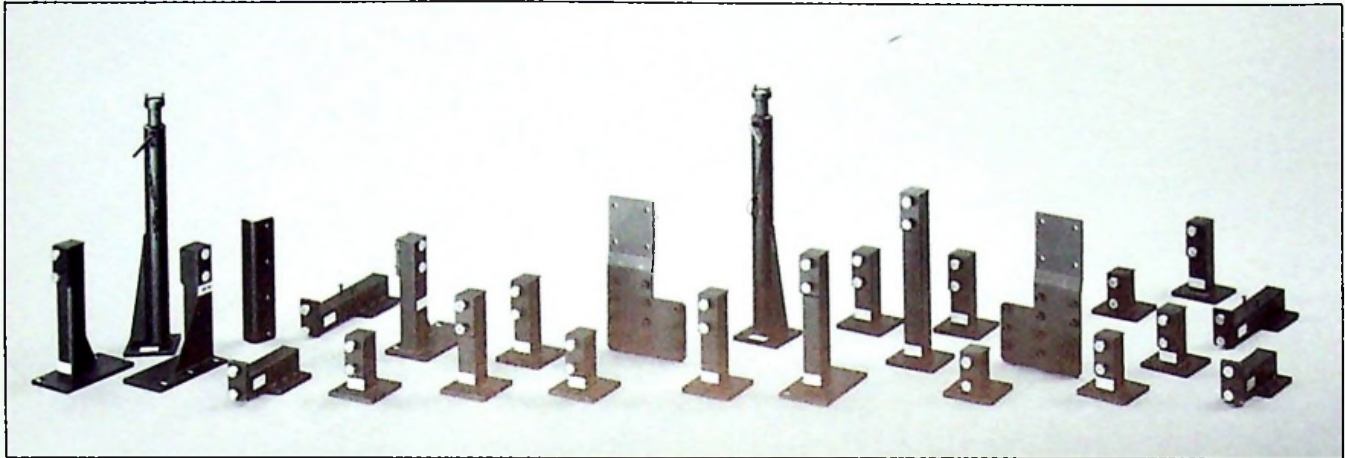
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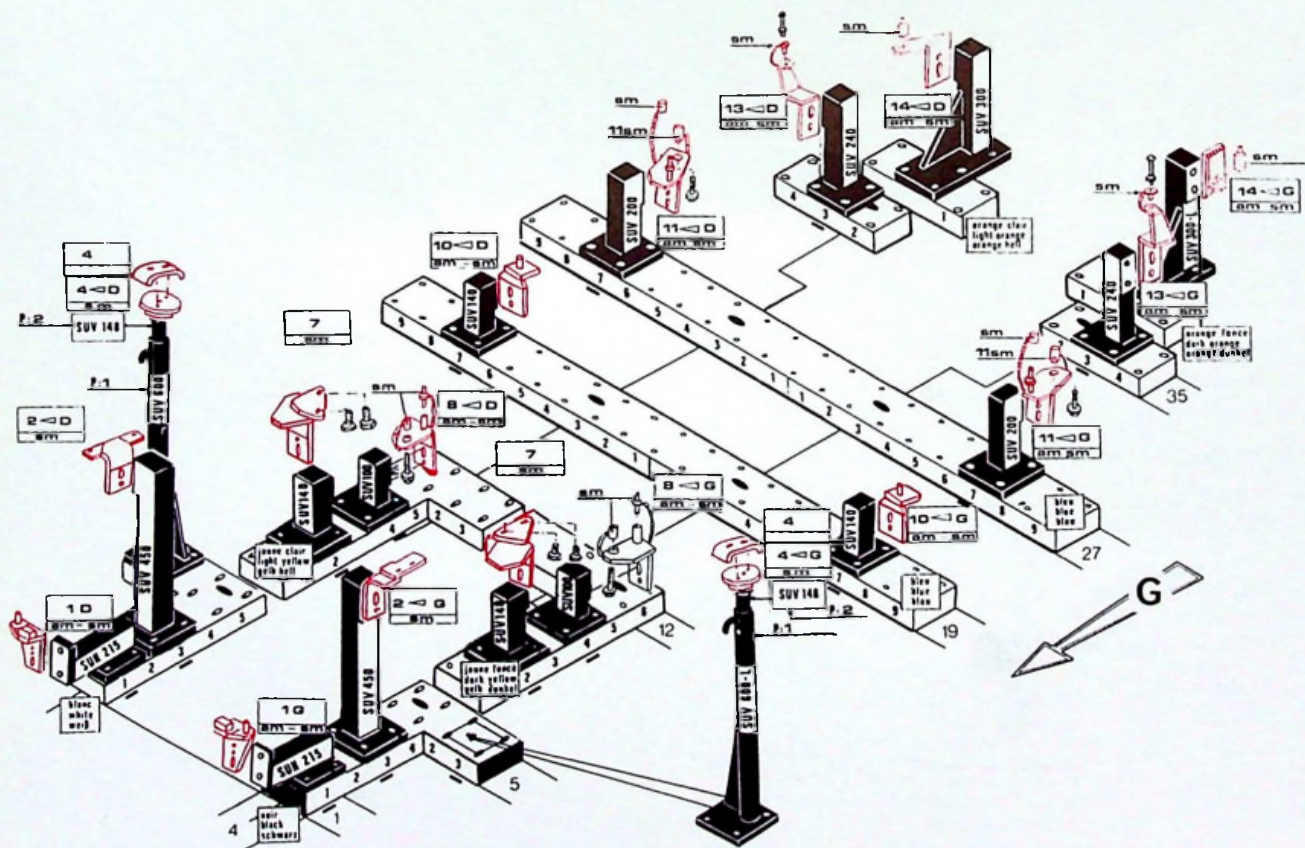


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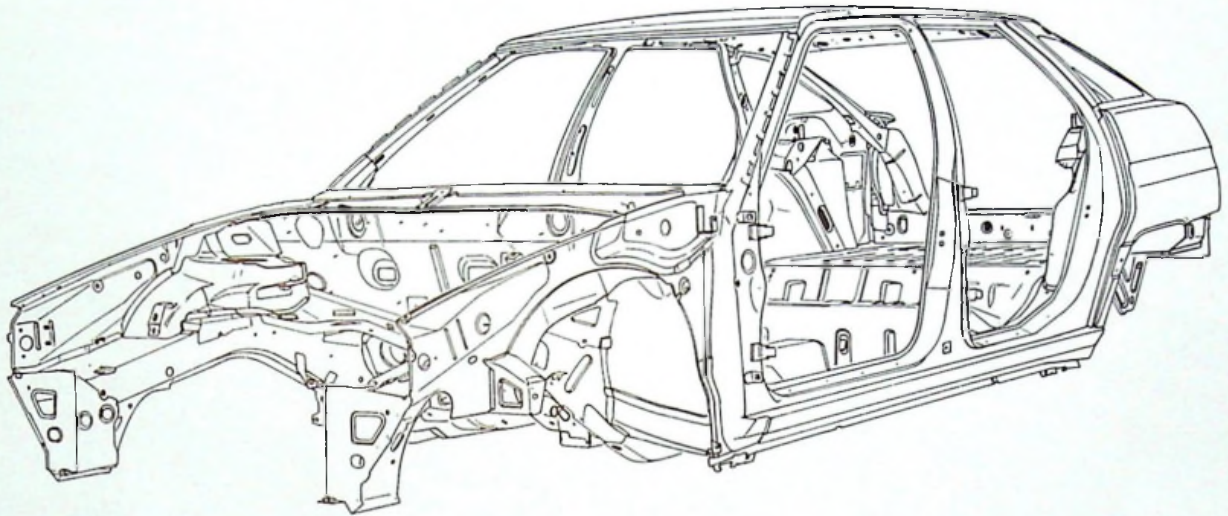
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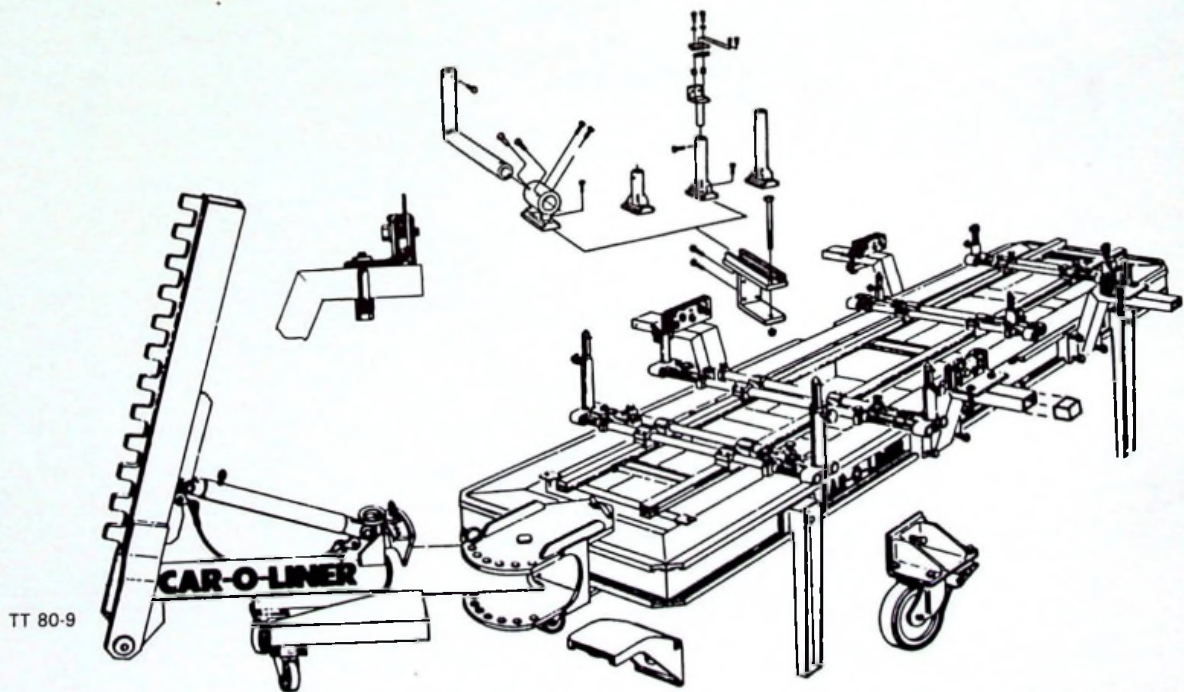
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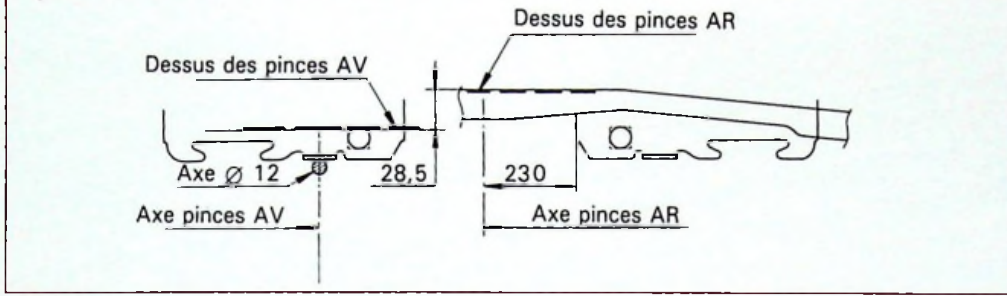
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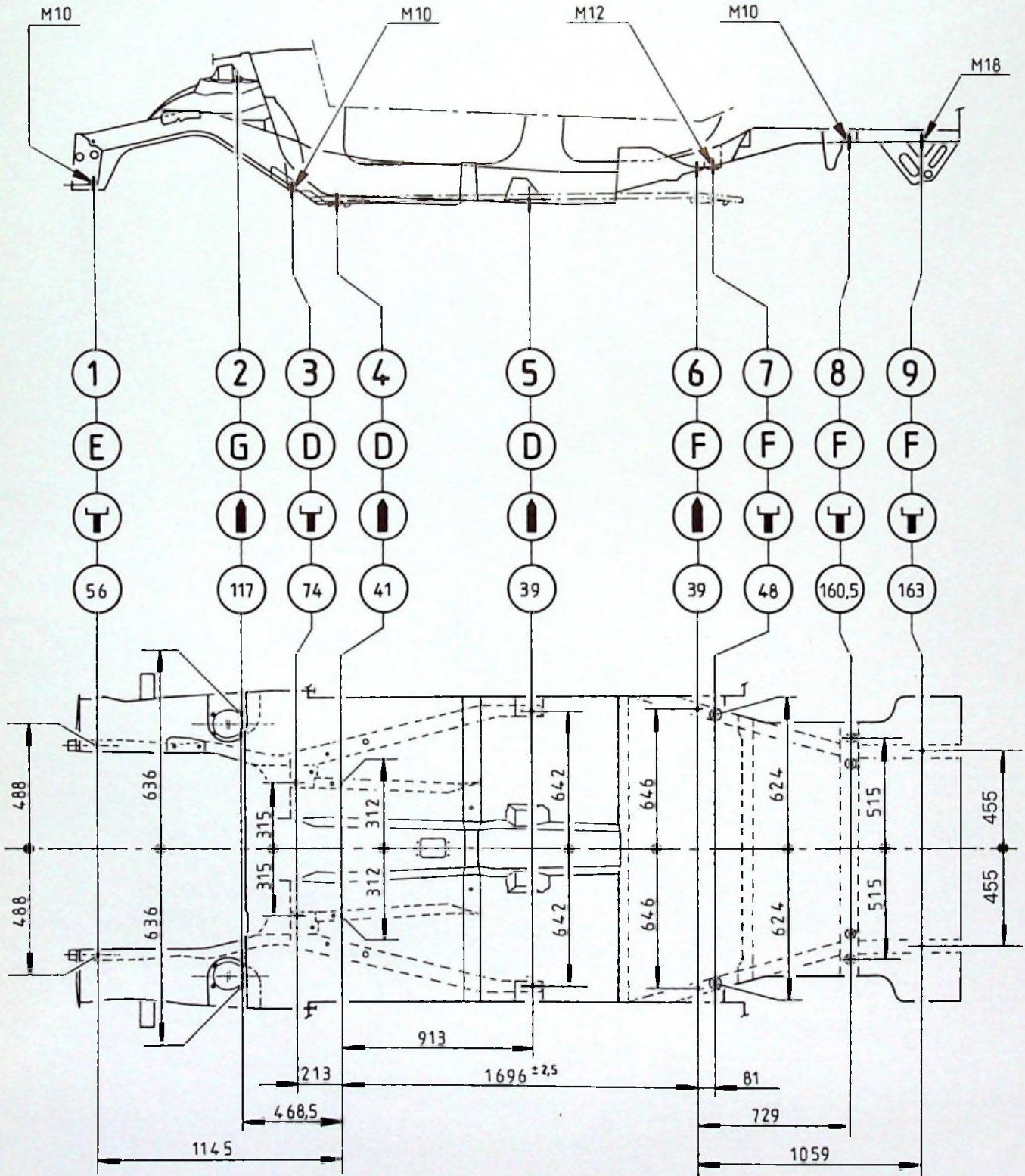


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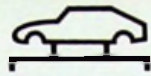
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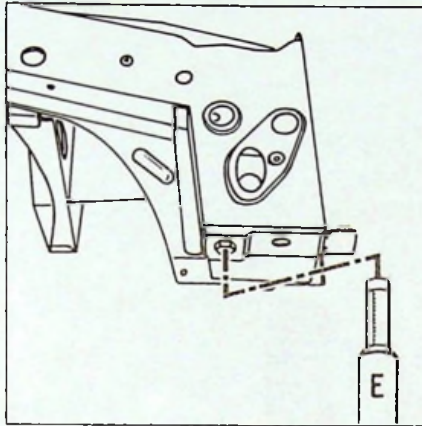
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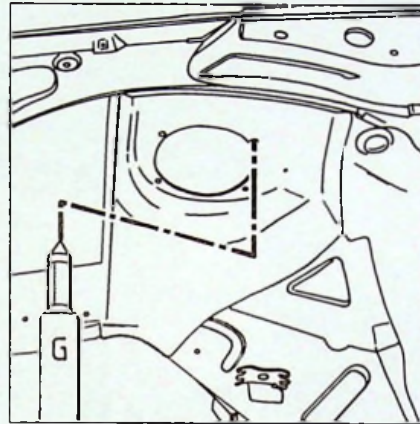
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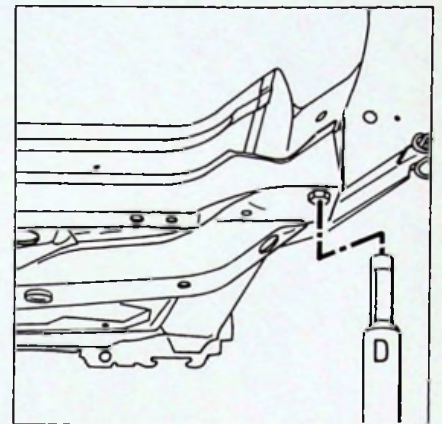
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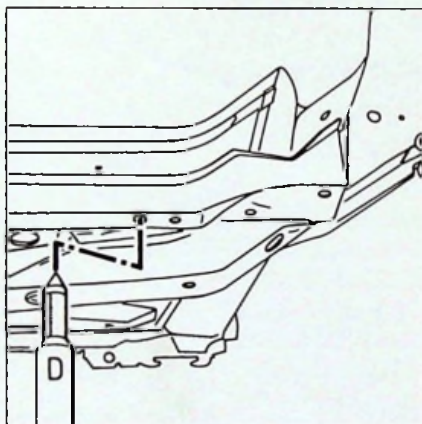
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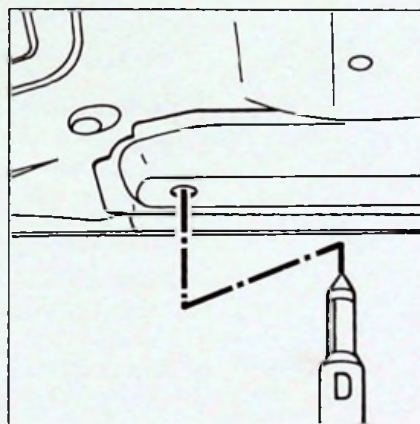
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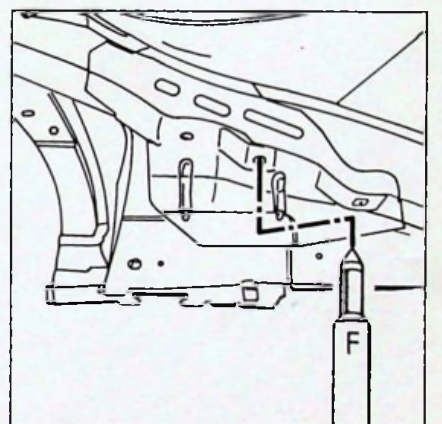
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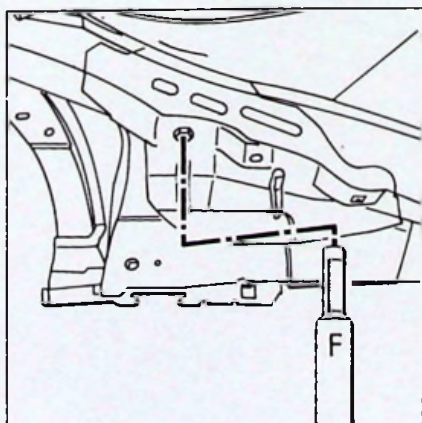
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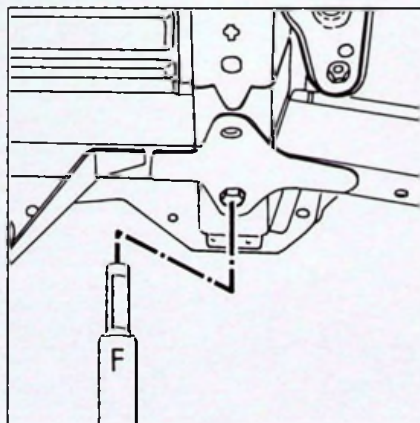
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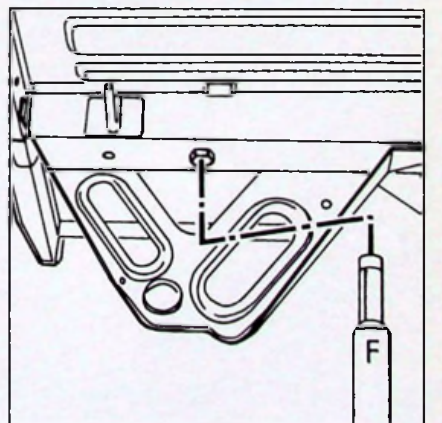
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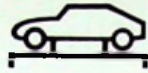
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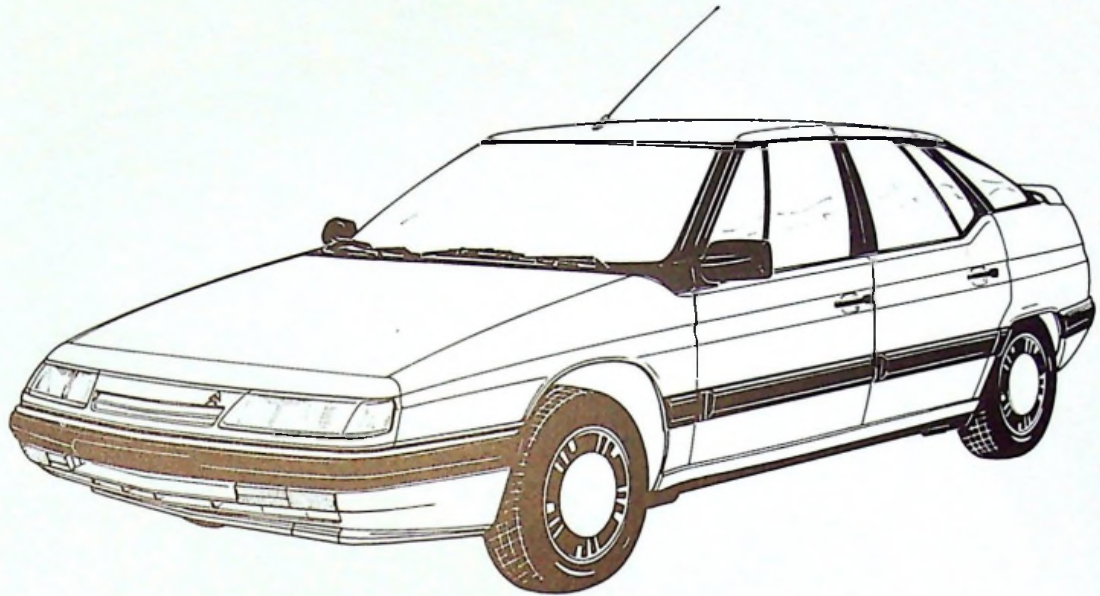
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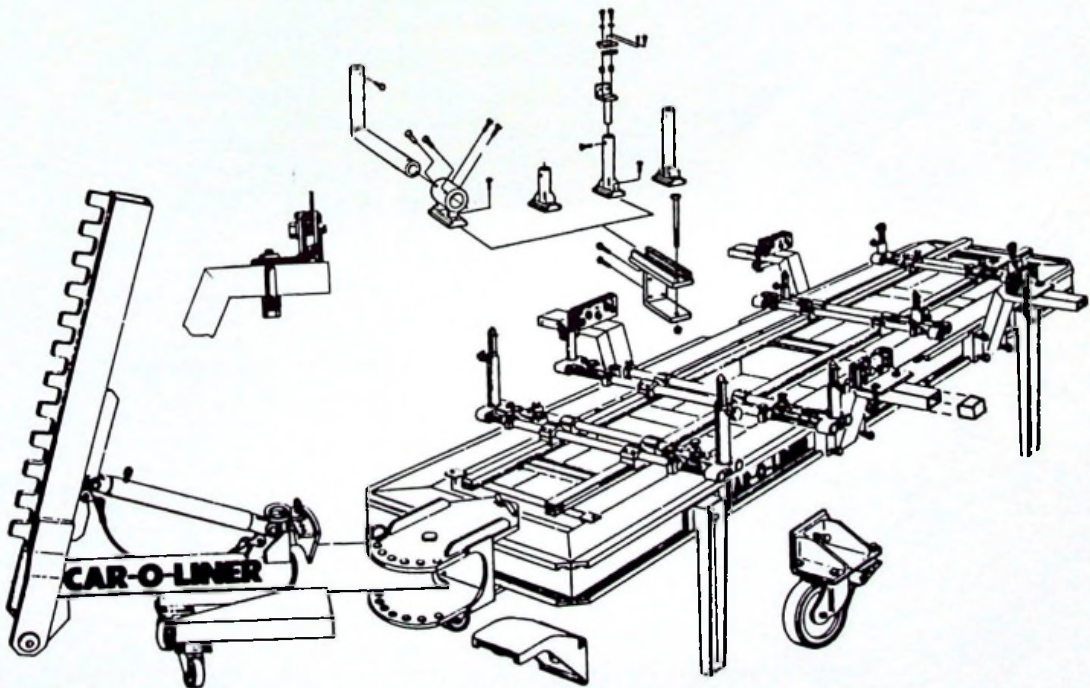
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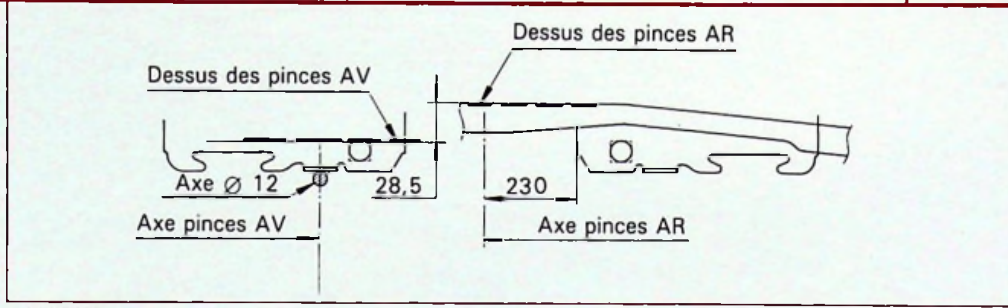
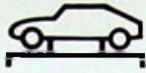
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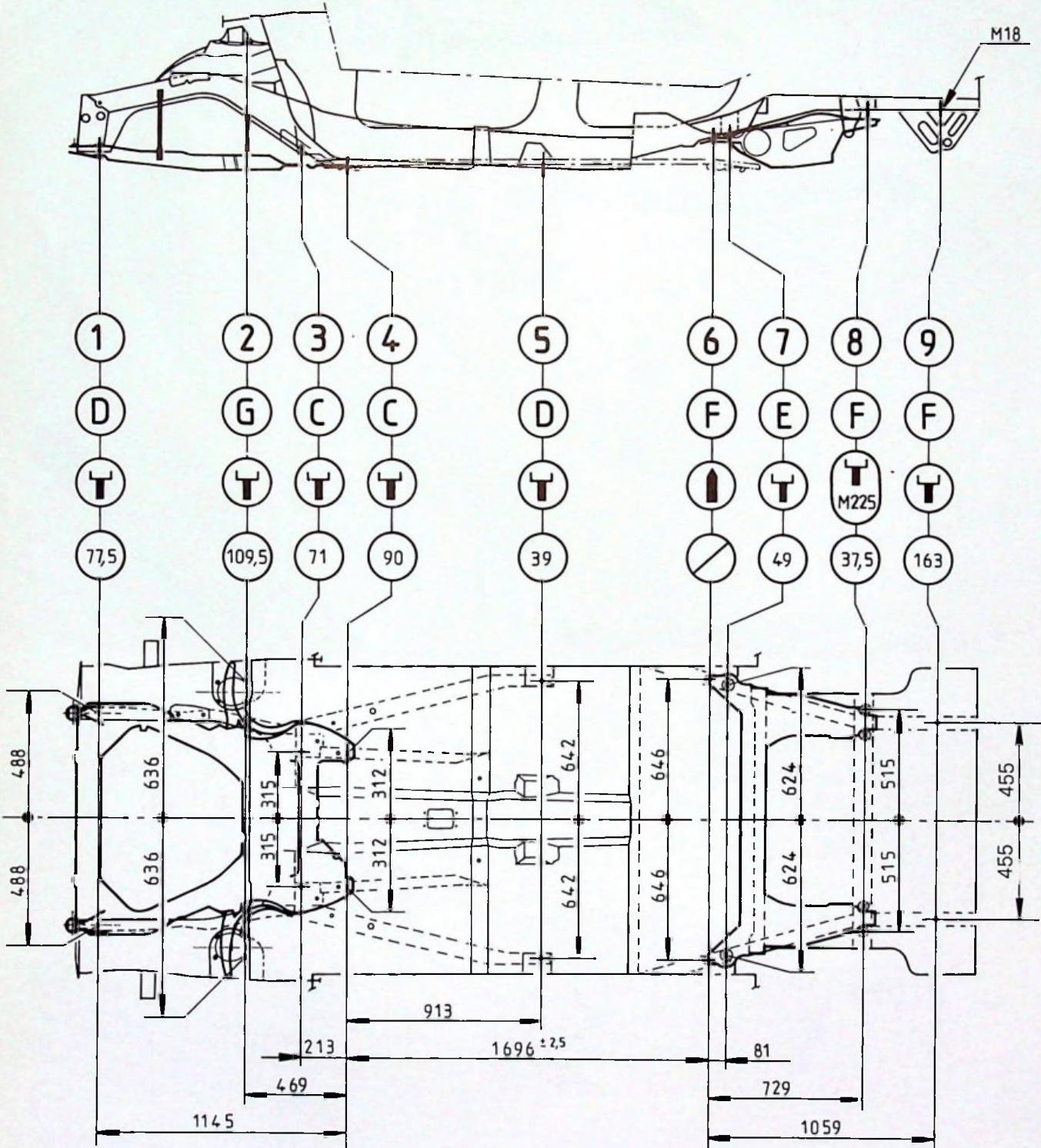
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TT 80-9



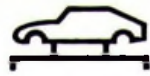
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Y.80-14 a



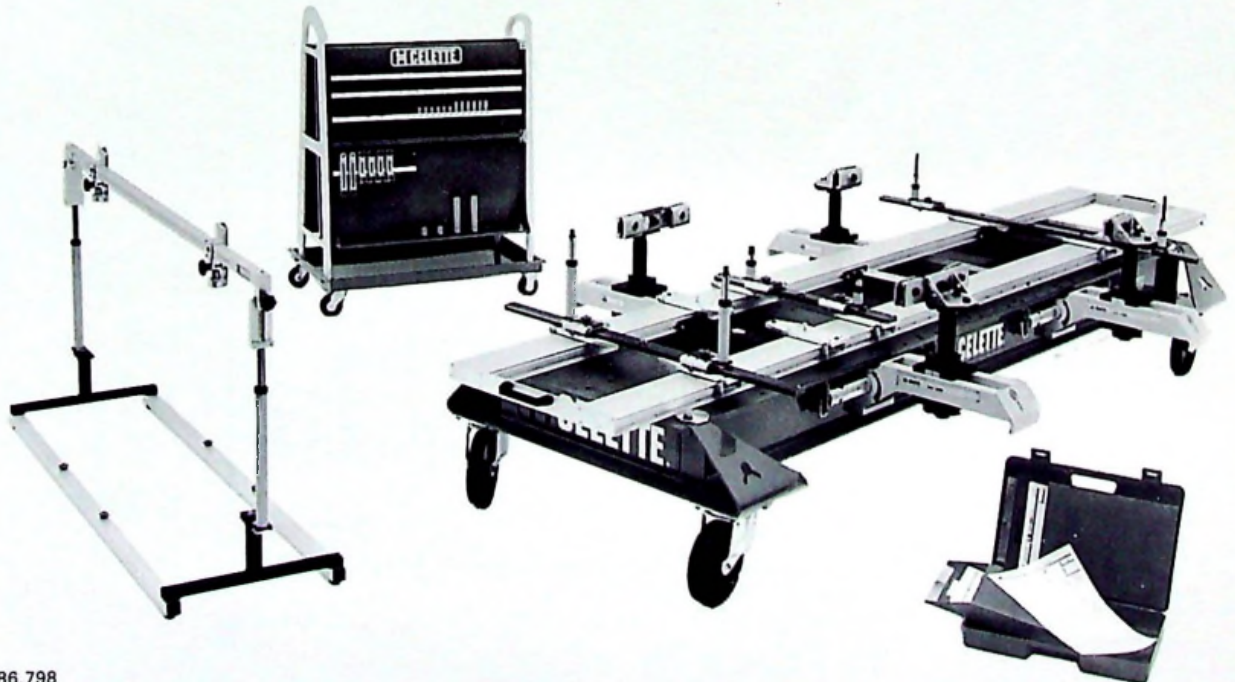
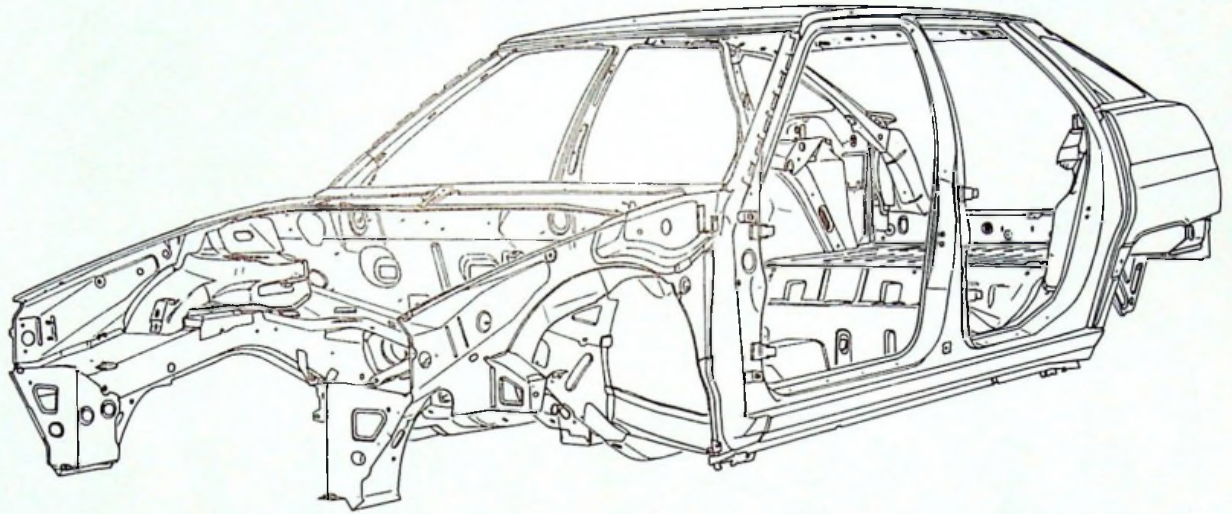
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CELETTE
METRO 2000

XM
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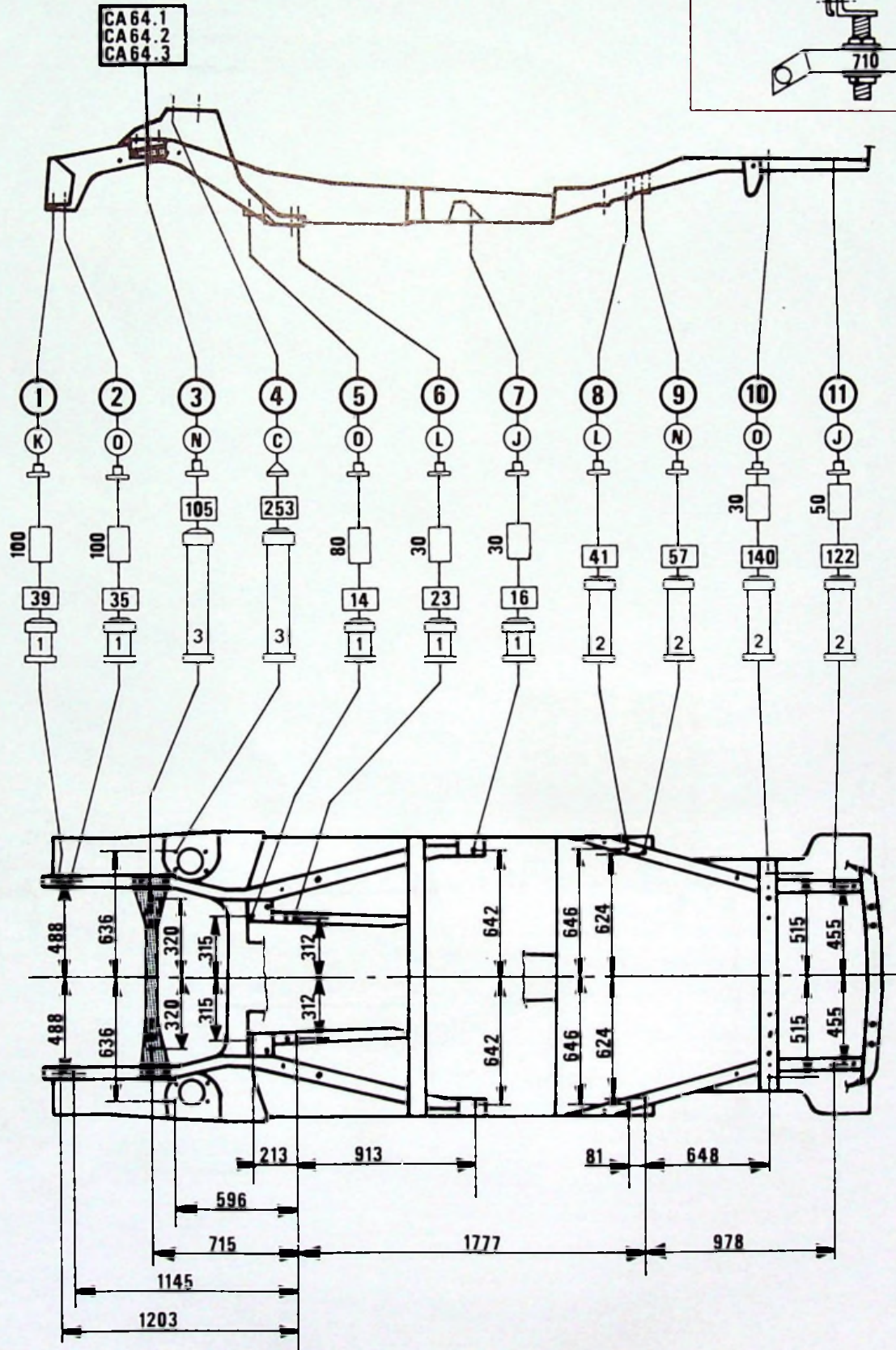
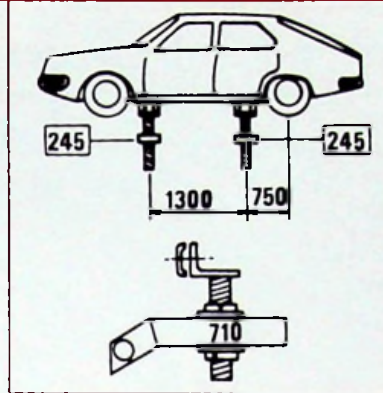


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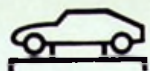
CELETTE METRO 2000

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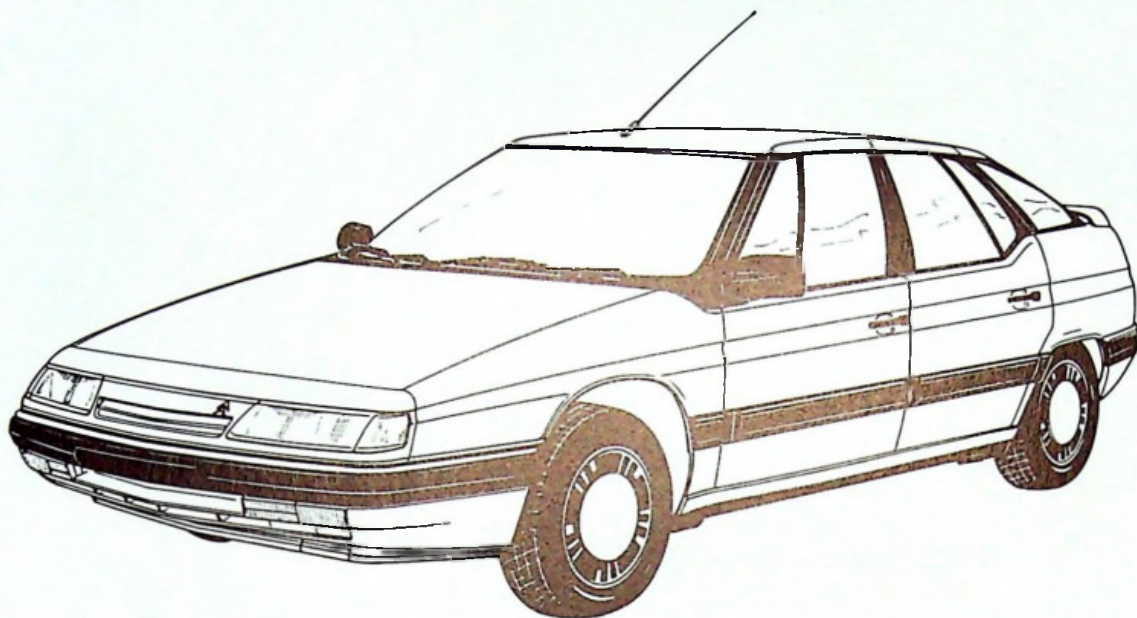
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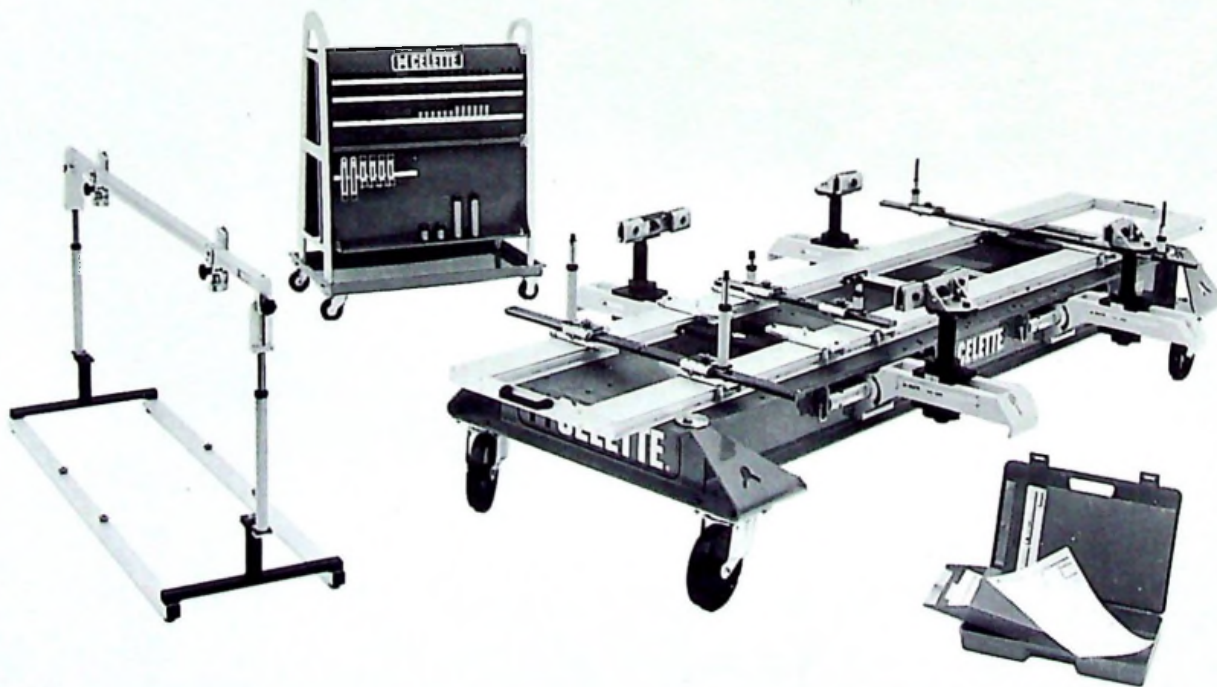
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XM
800.0/21

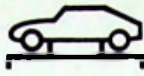
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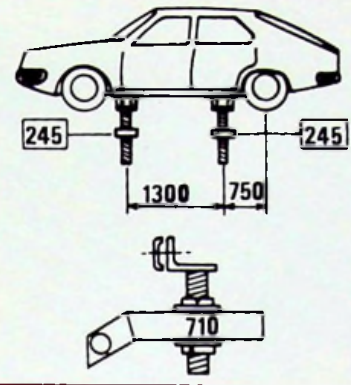
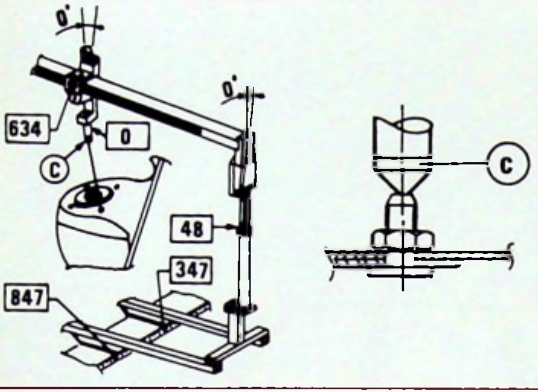
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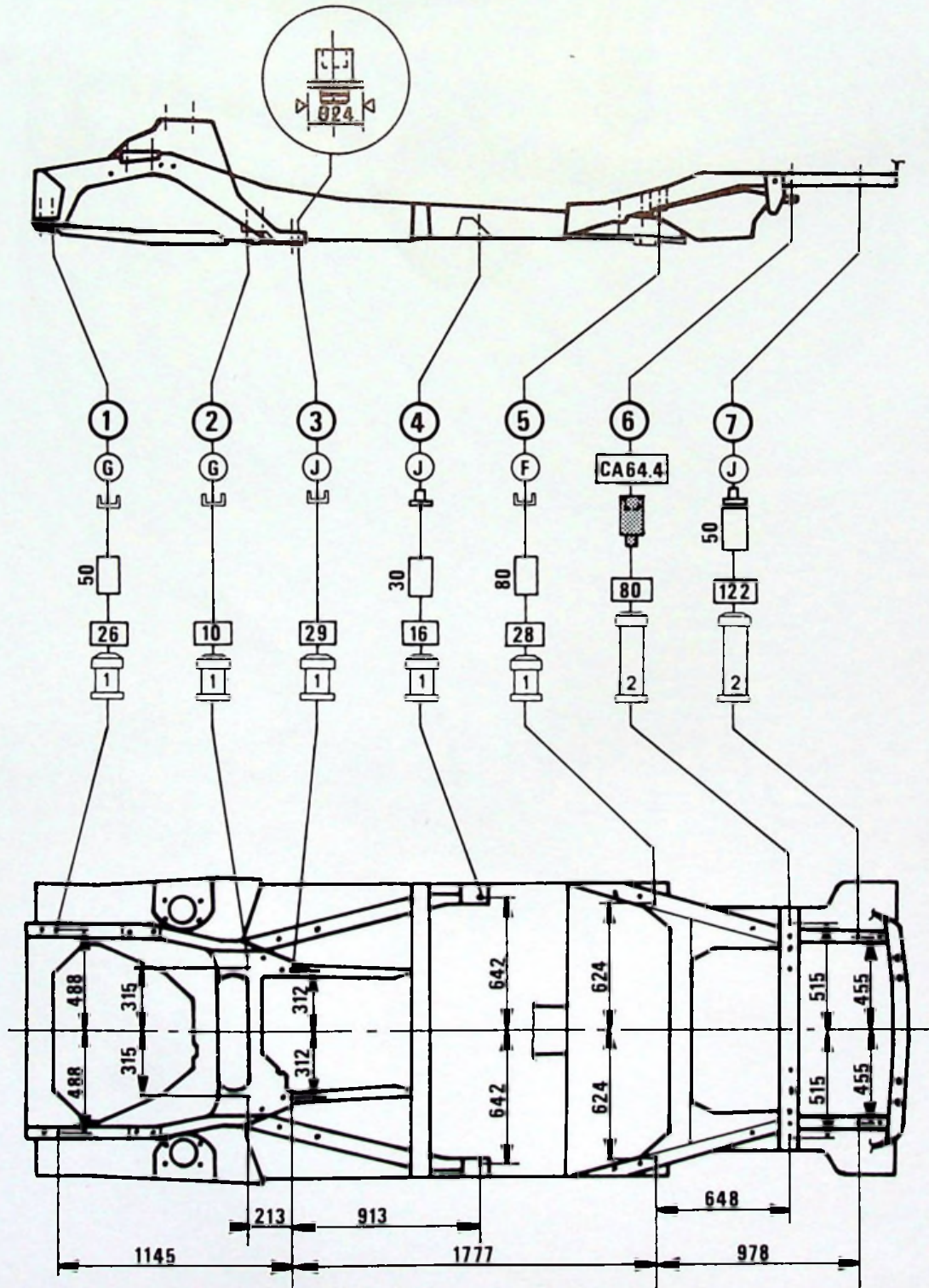
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CELETTE METRO 2000



Y.80-25



Y.80-26

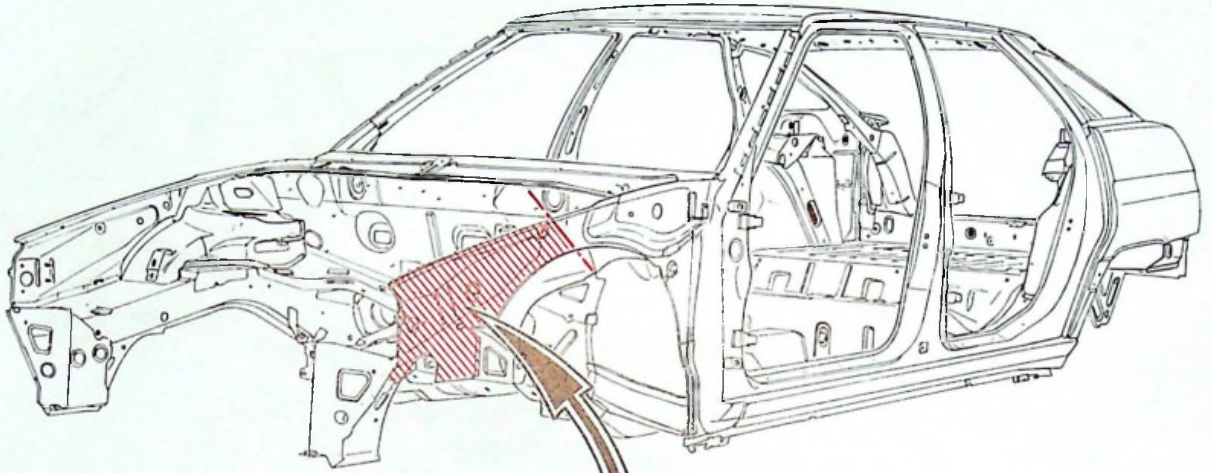


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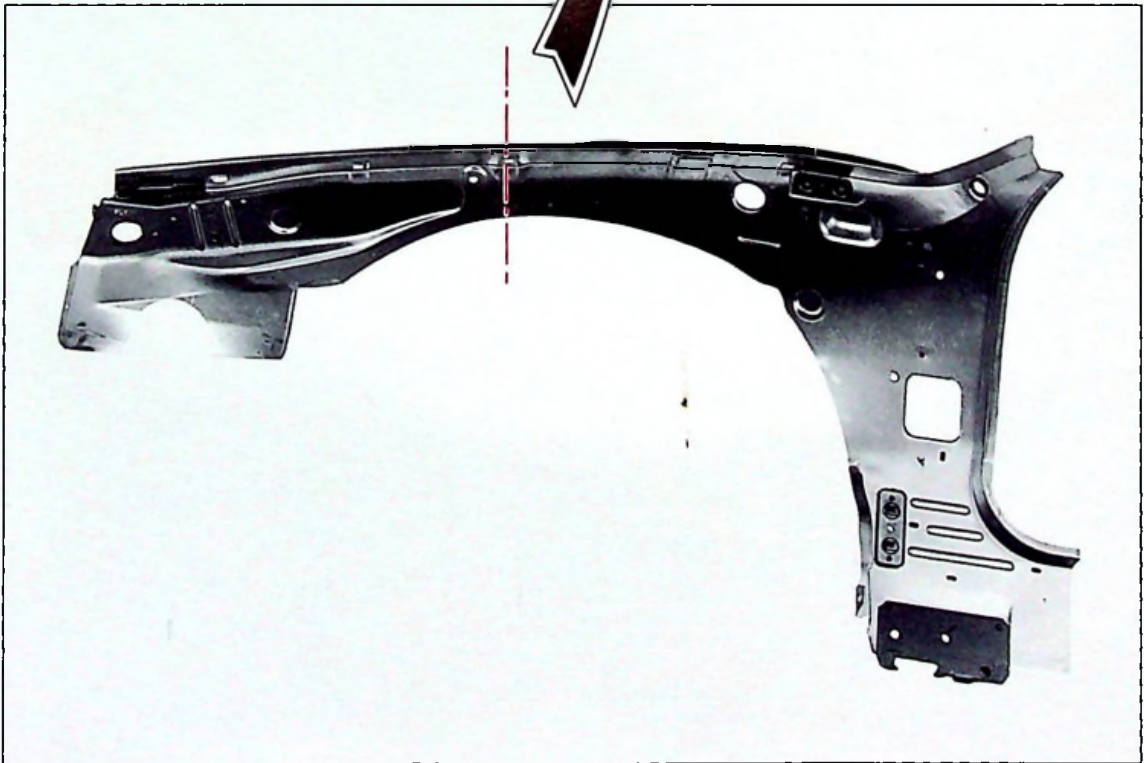


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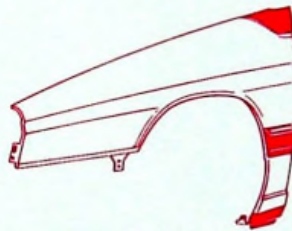
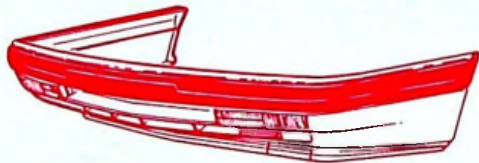
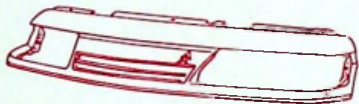
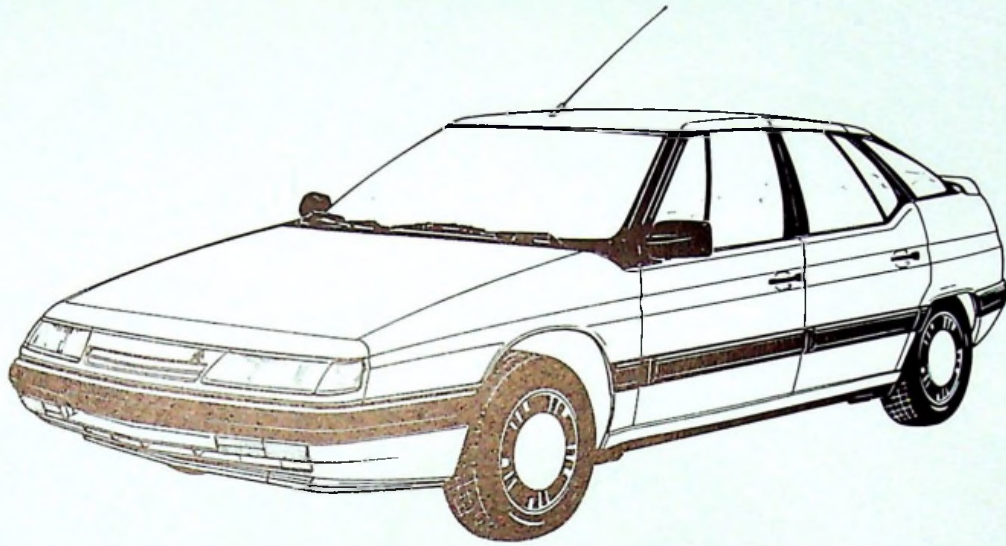
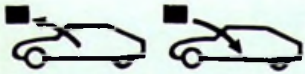
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Y.80-1



89-498



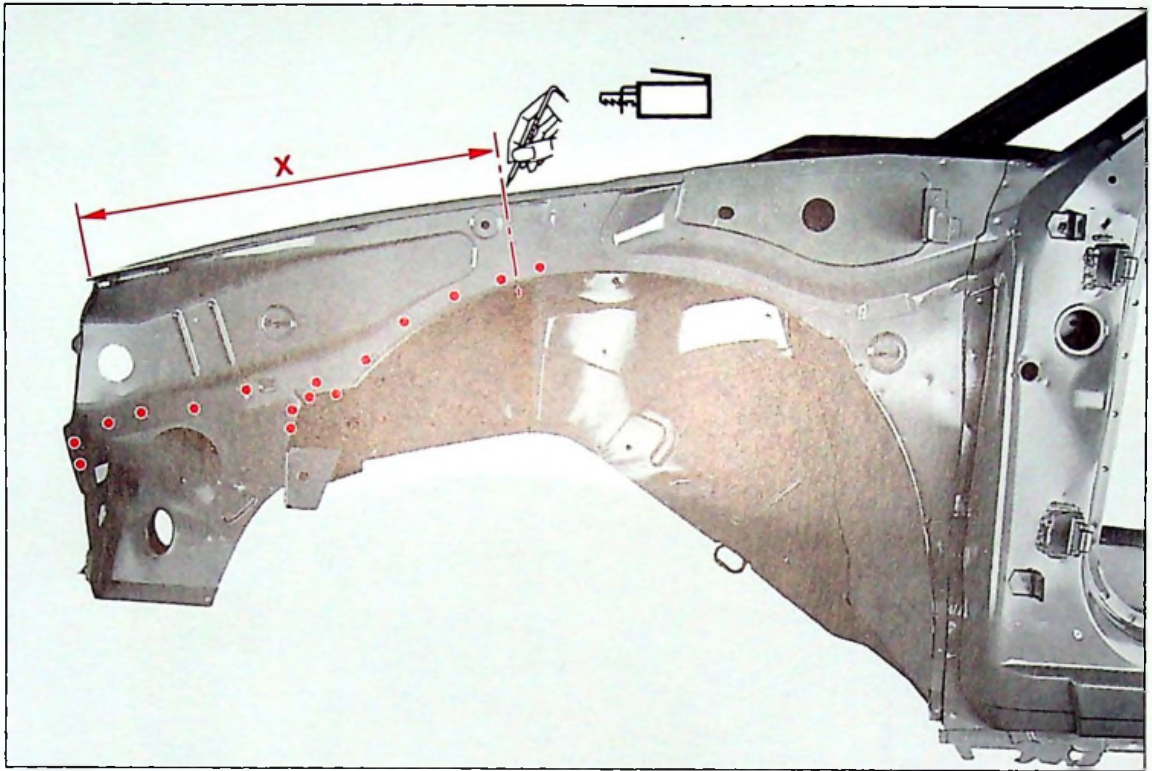


14

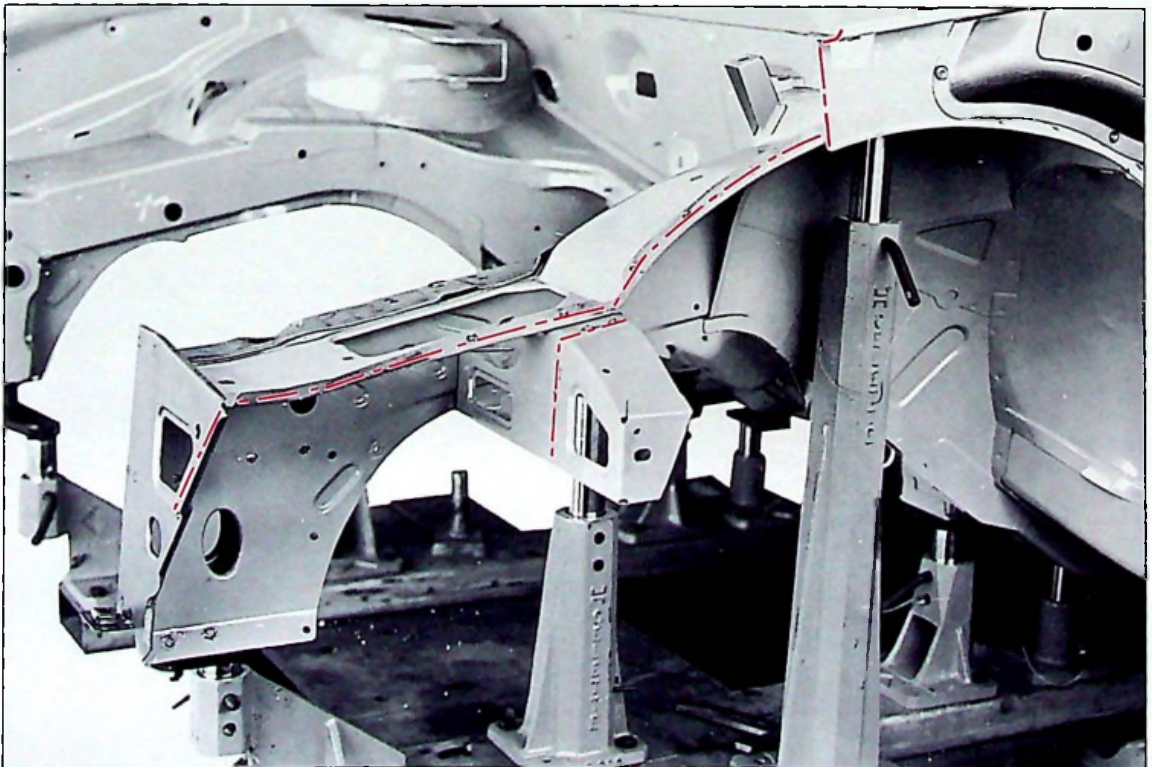


XM
801-3/1

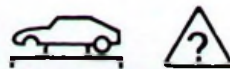
3

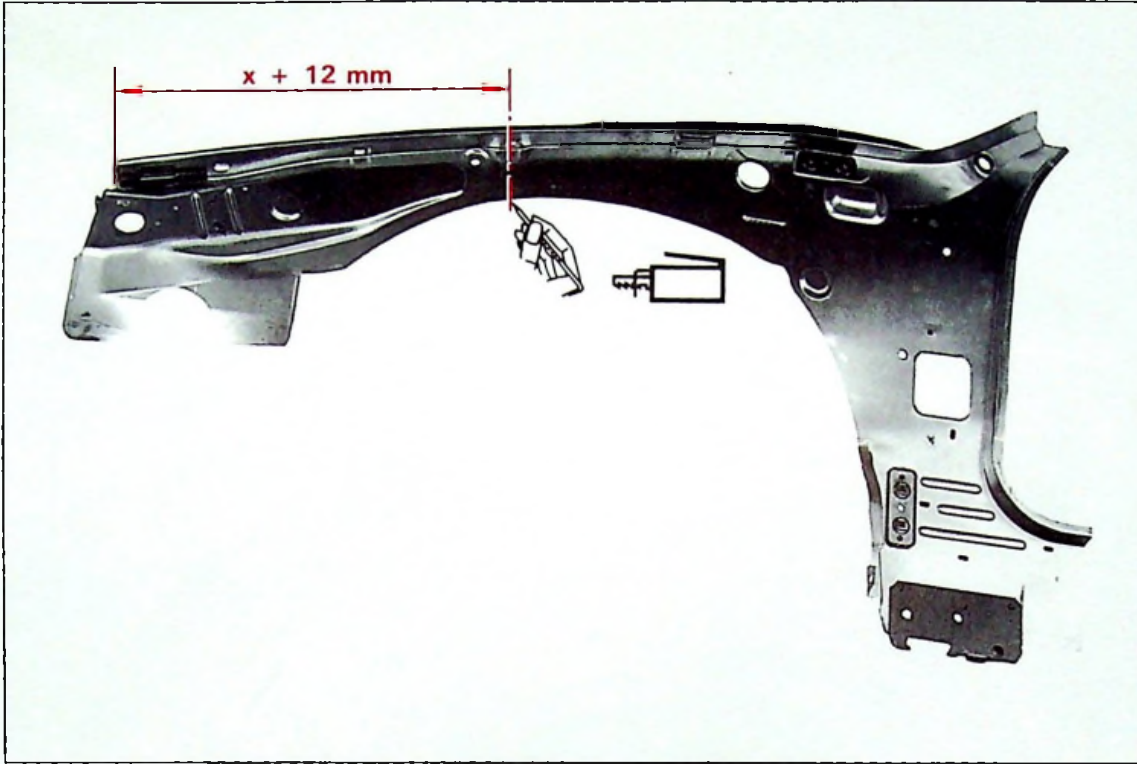


88-365

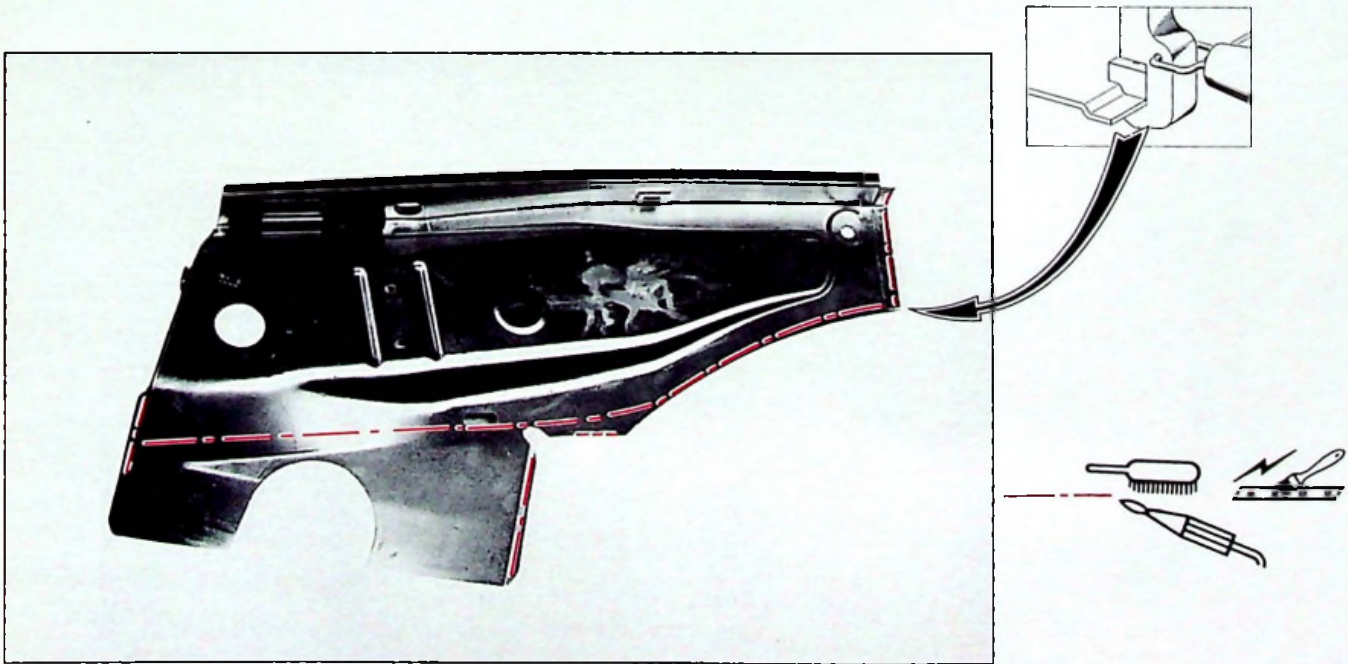


89-418





89-498



89-599

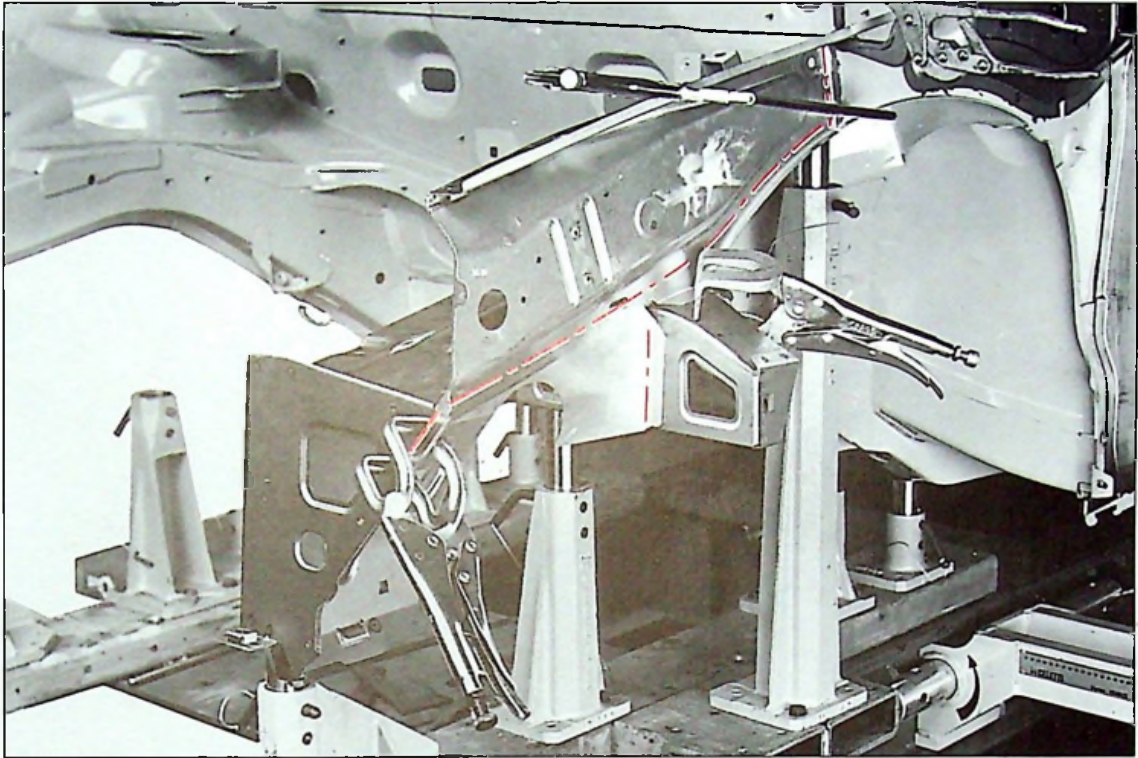


14

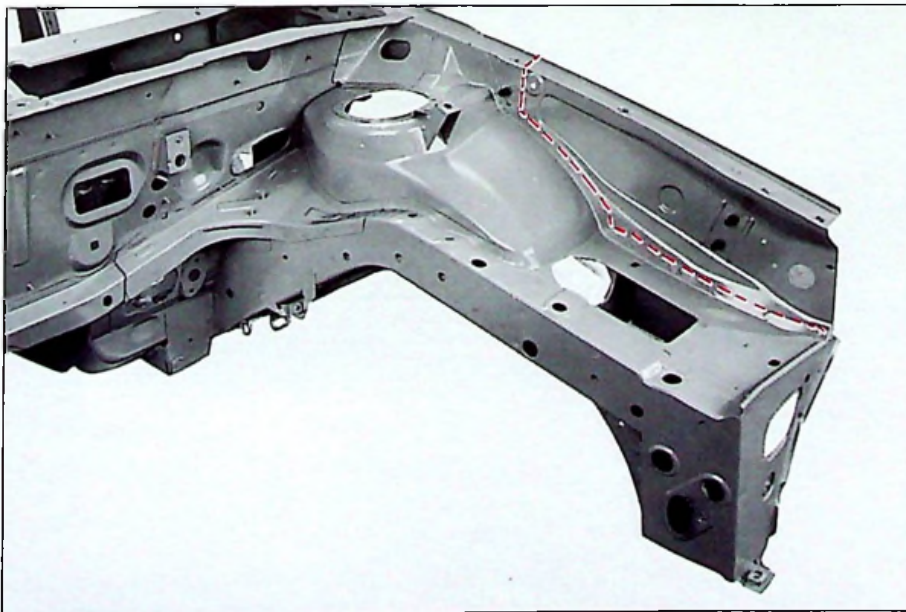


XM
801-3/1

5



89-601



88-361



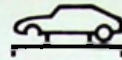
A1



XM 800.00/3

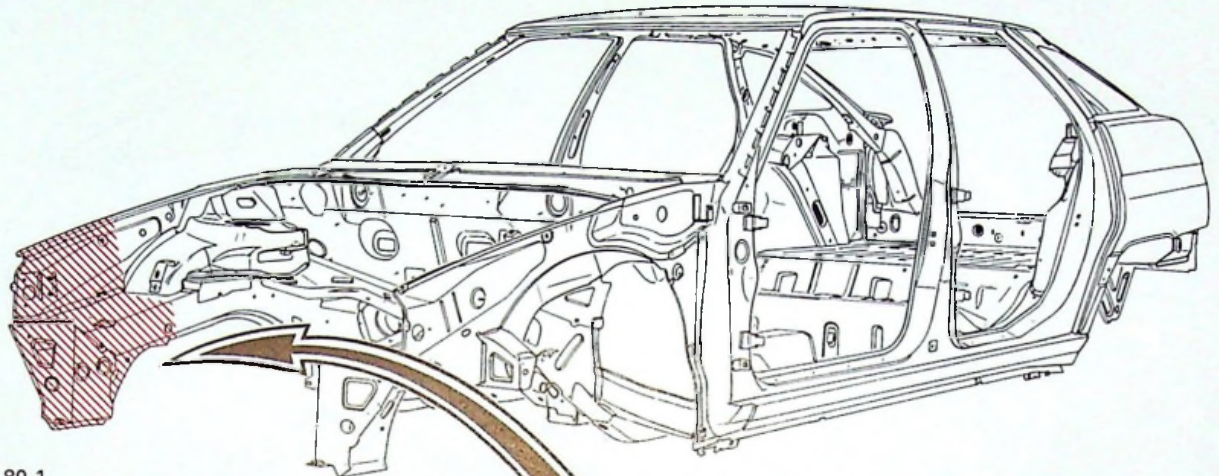


14



XM
801-3/2

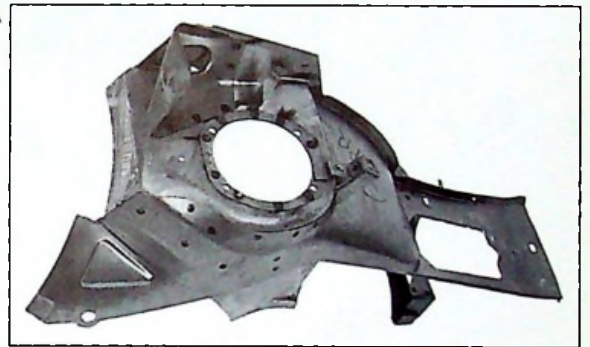
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Y. 80-1



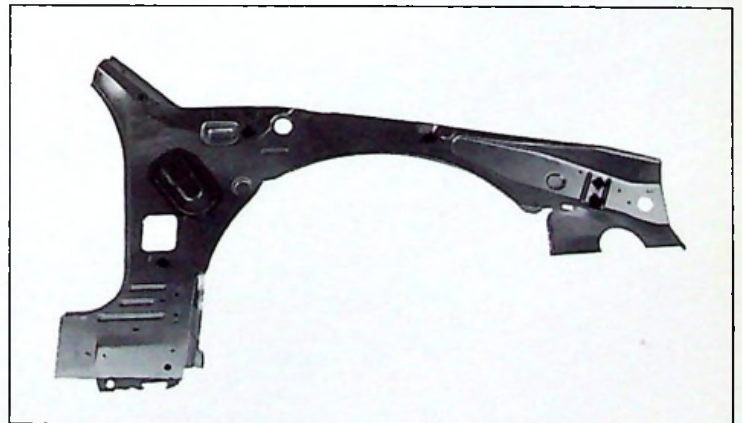
88-789



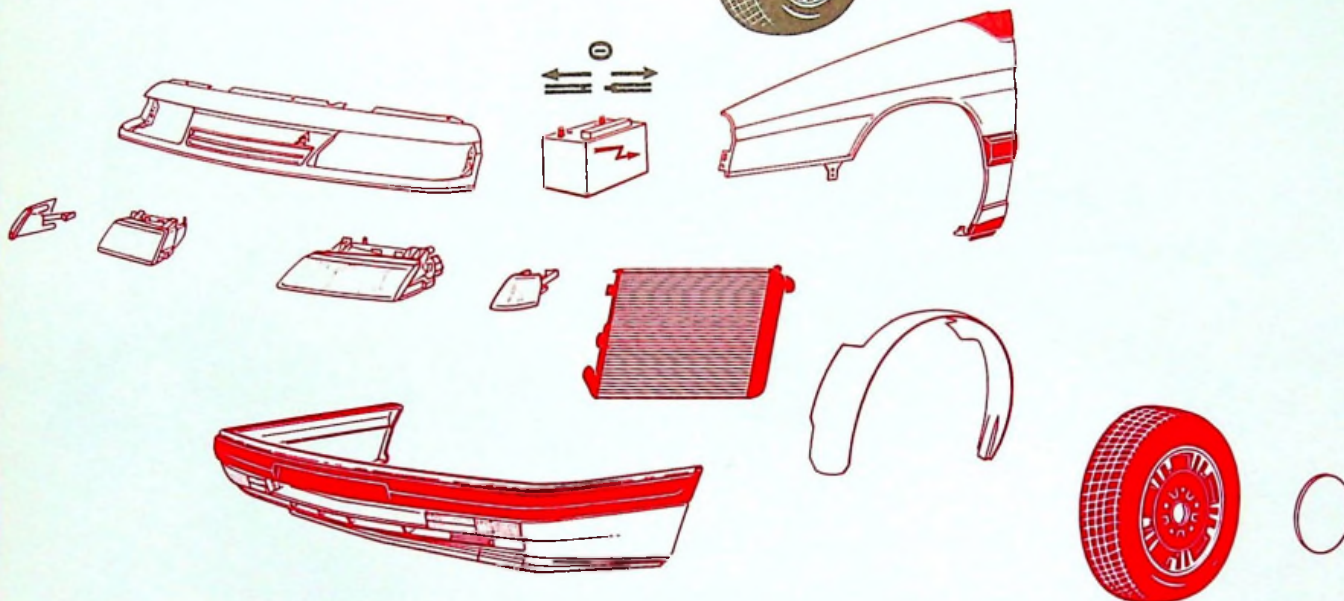
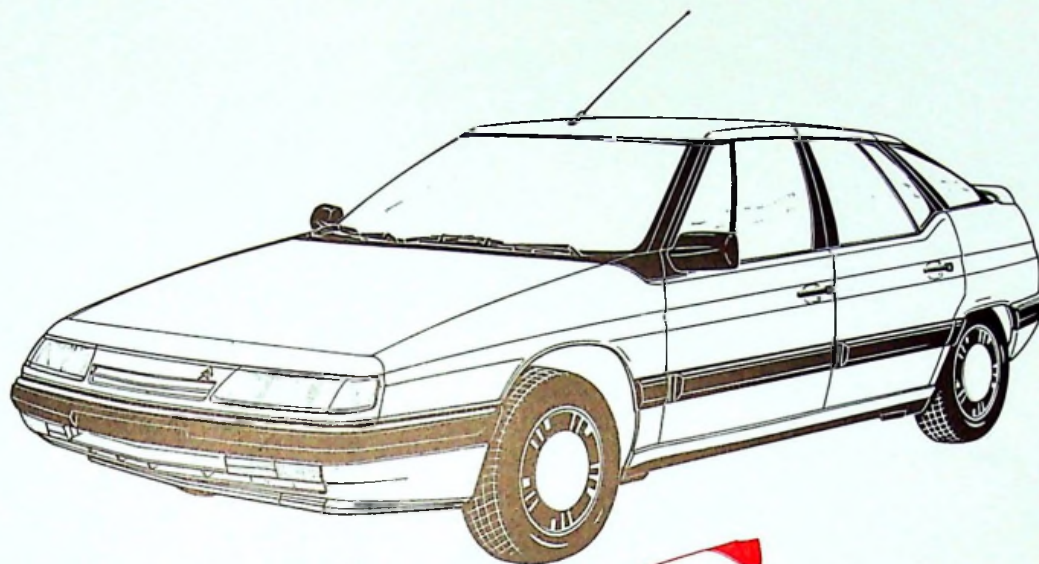
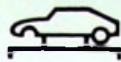
88-797



89-501



89-499



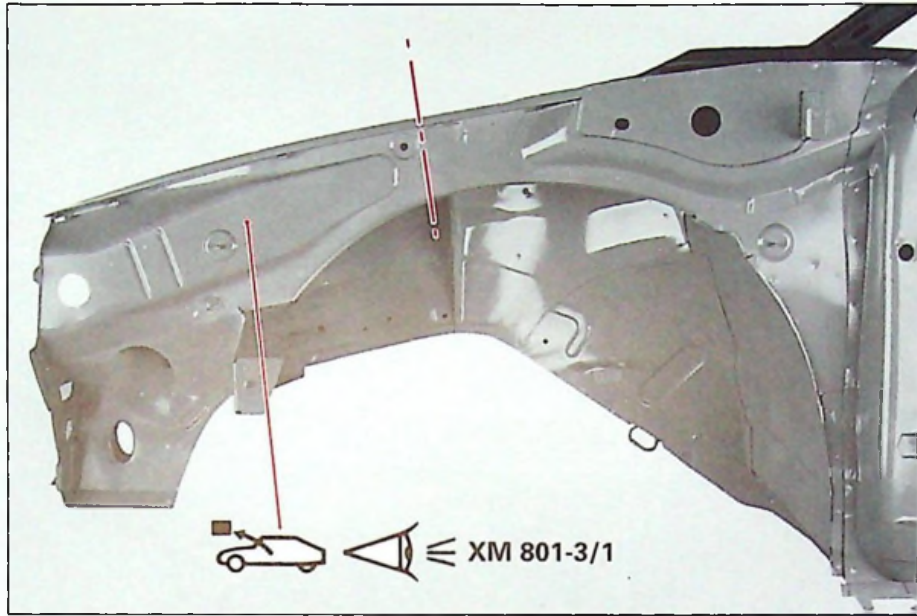


14

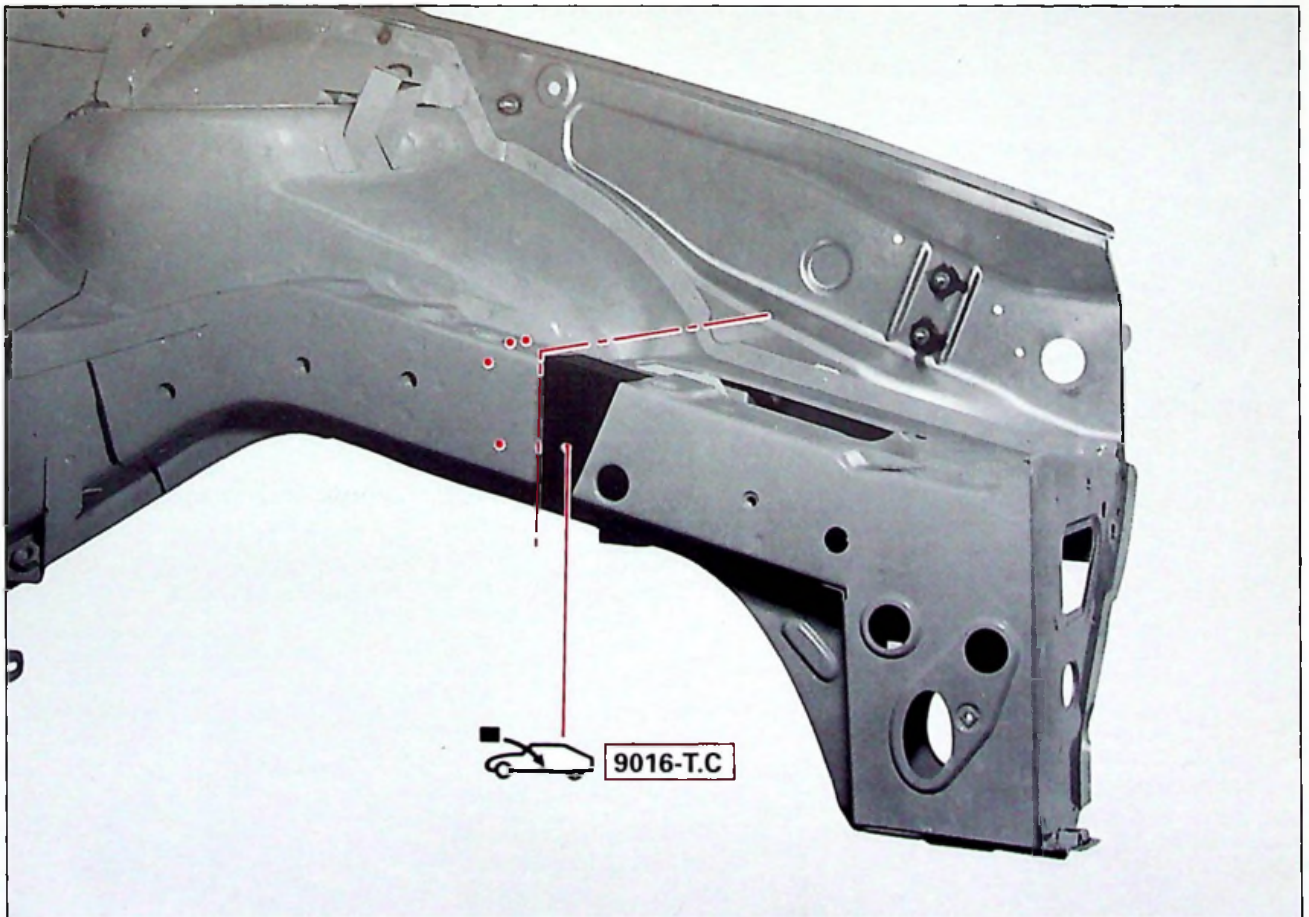


XM
801-3/2

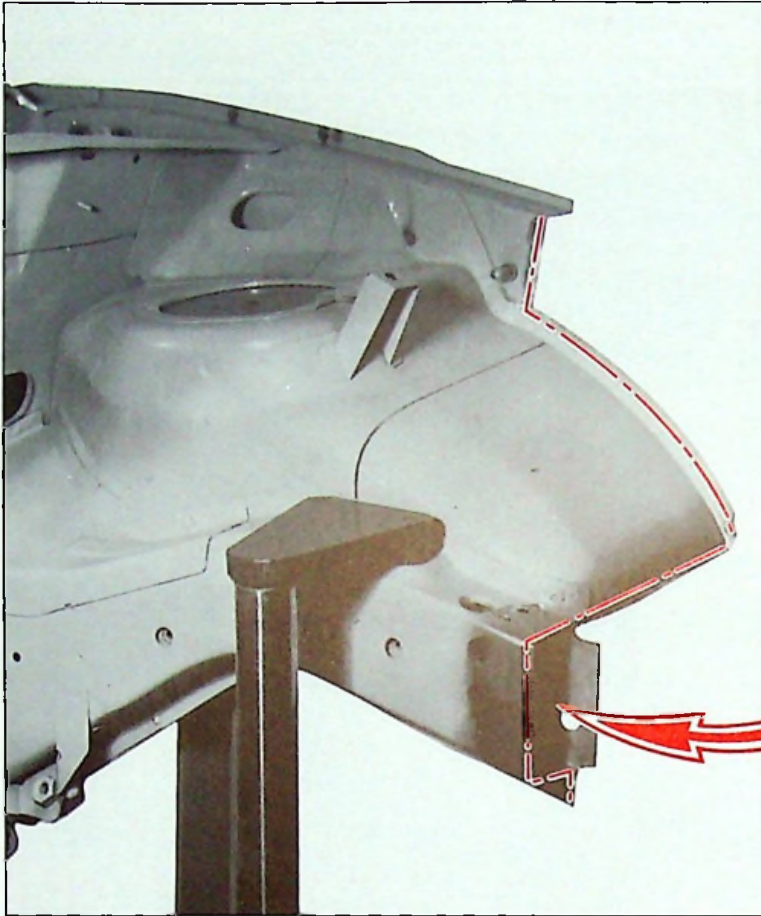
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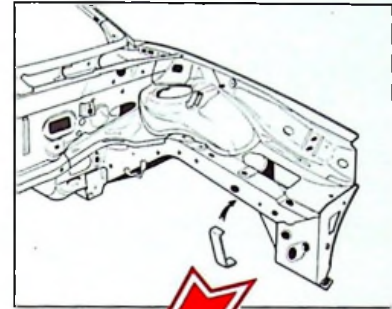
88-365



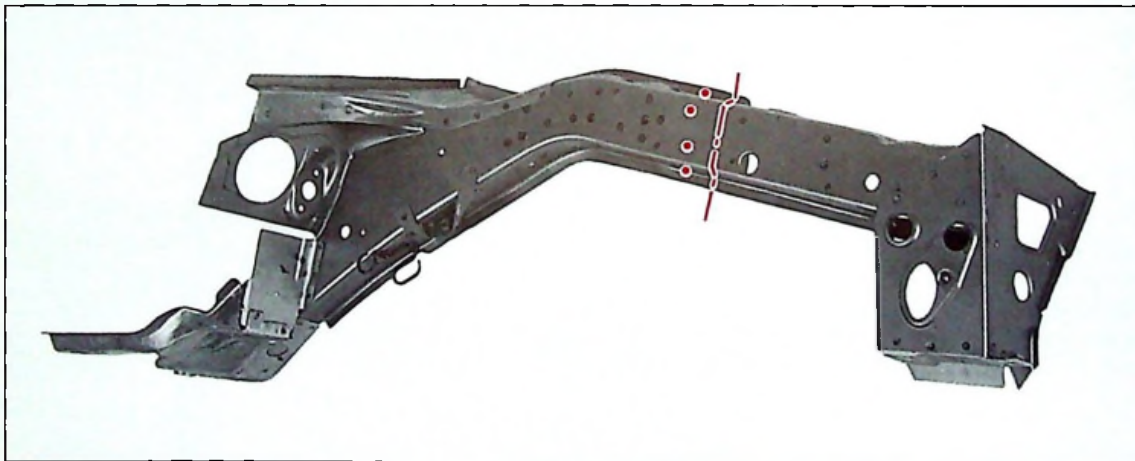
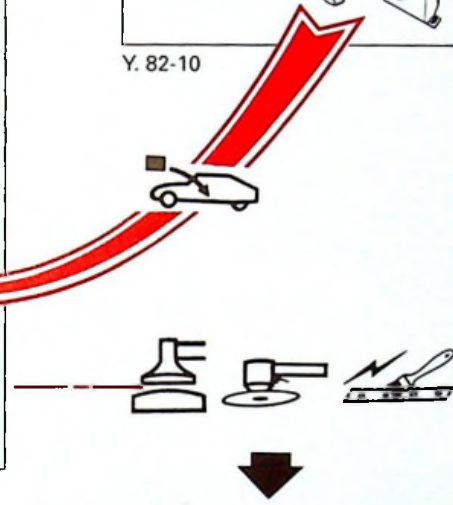
89-1242



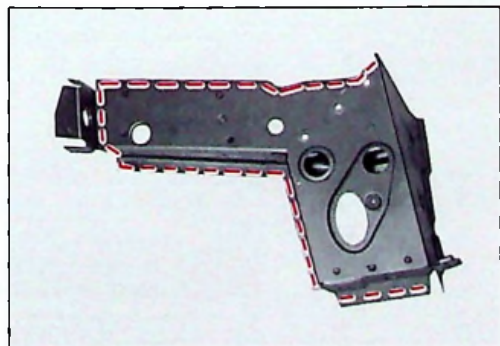
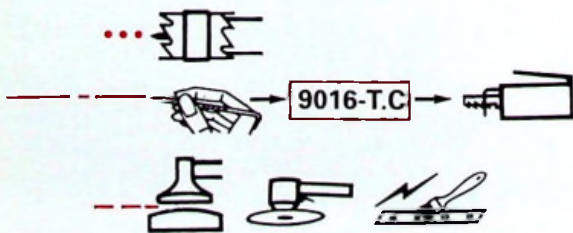
89-1248



Y. 82-10



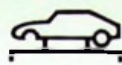
88-789



89-1252

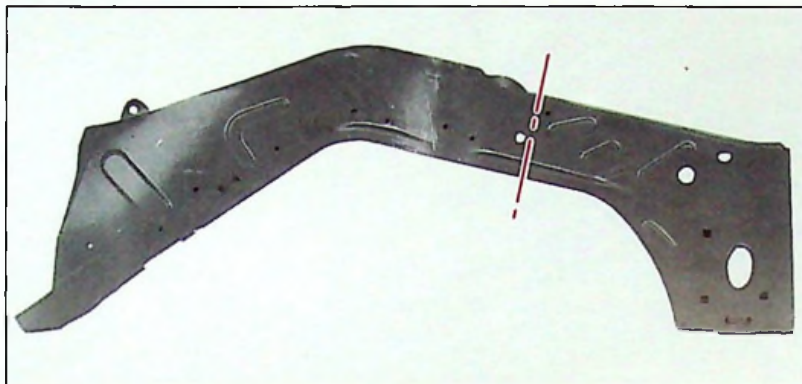


14

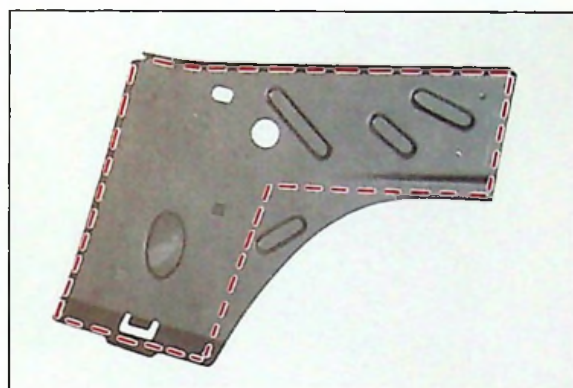
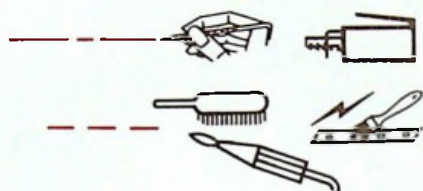


XM
801-3/2

5



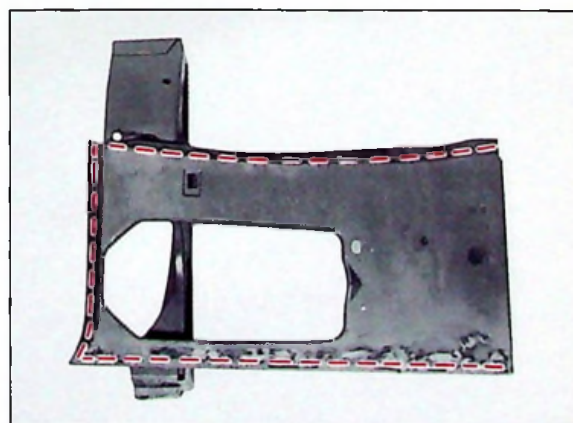
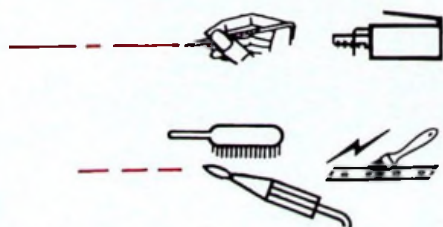
89-501



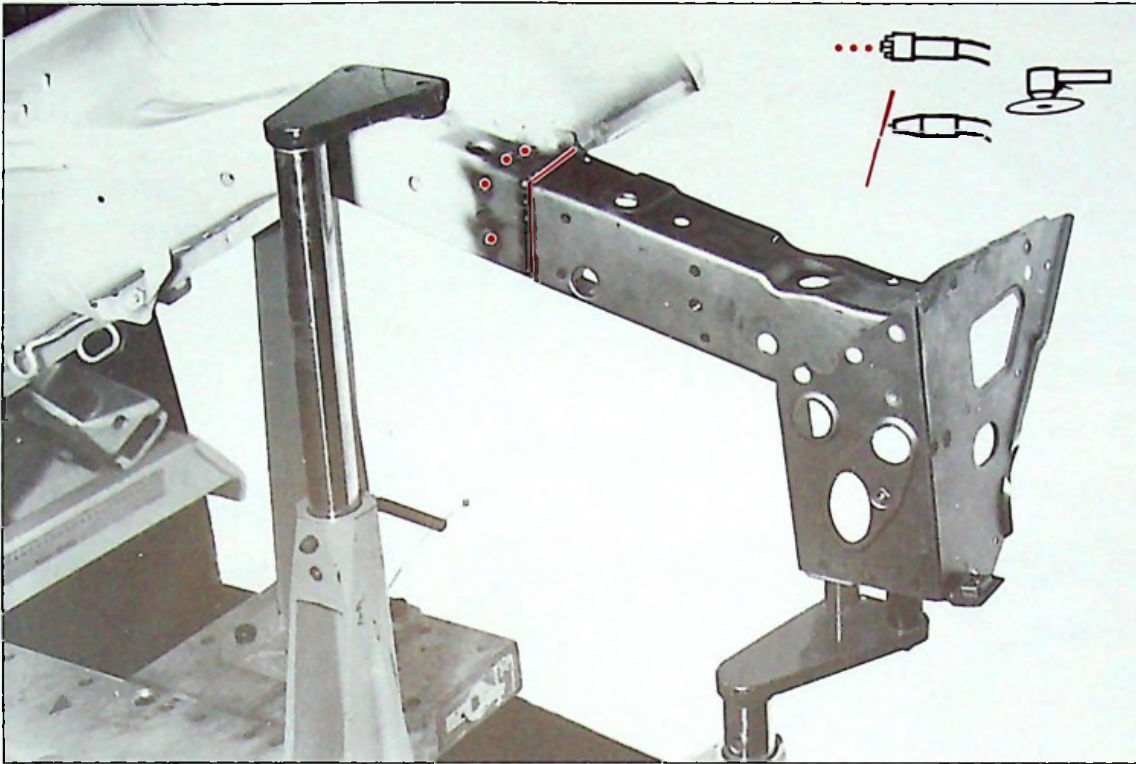
89-1249



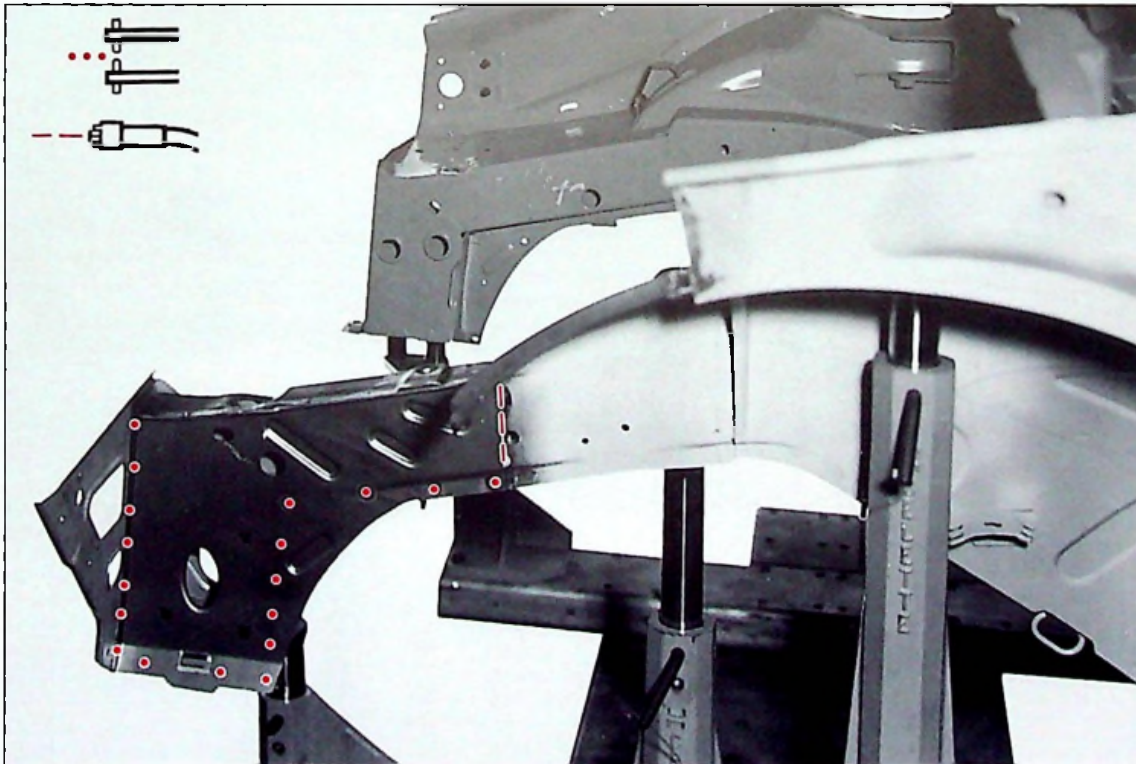
88-805



89-1250



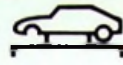
89-1253



89-1254

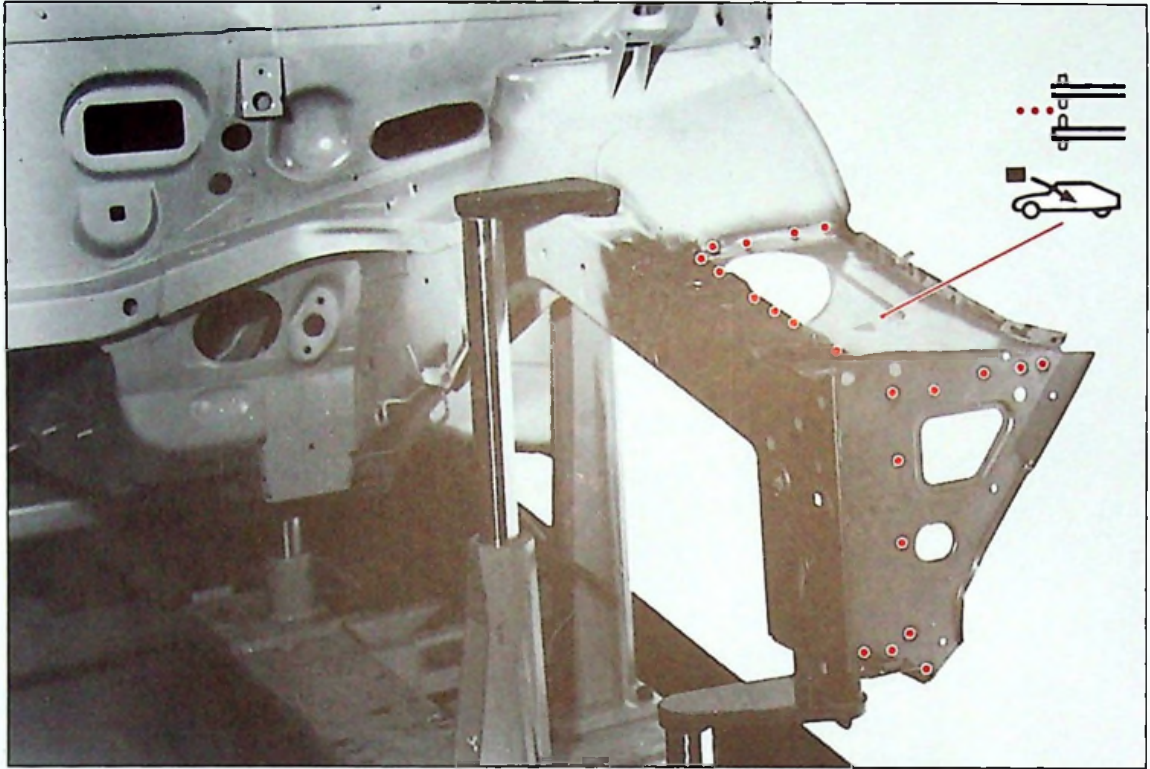


14

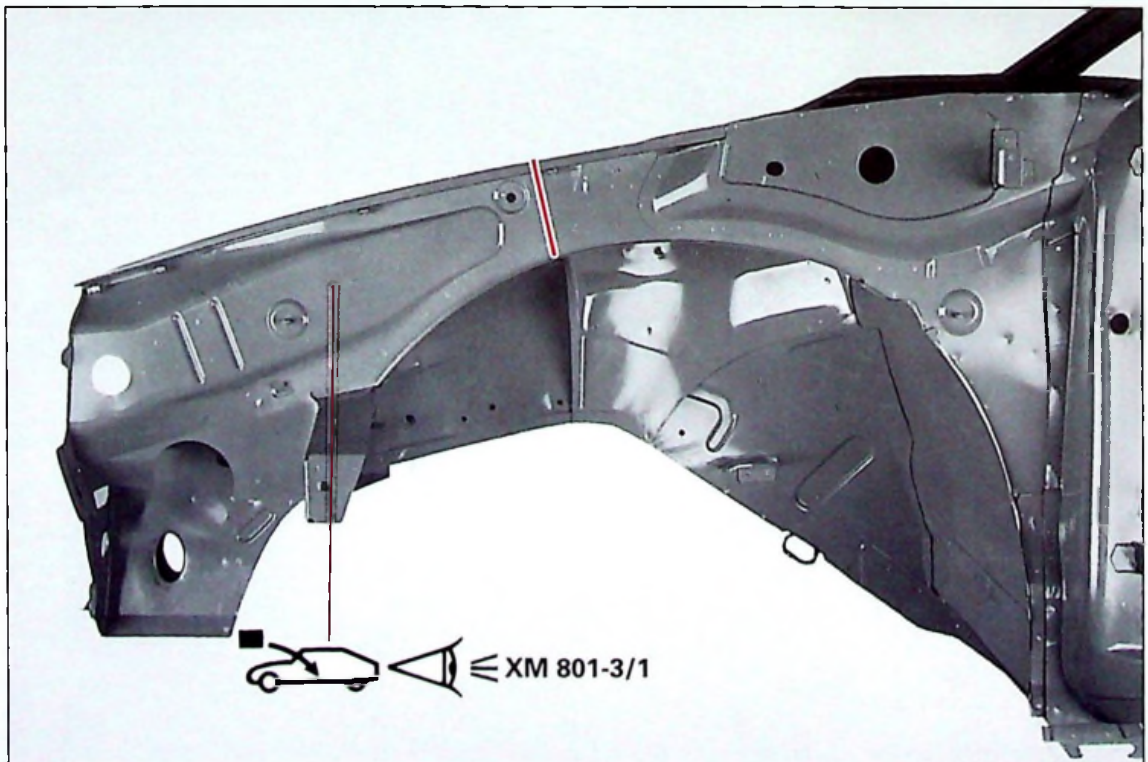


XM
801-3/2

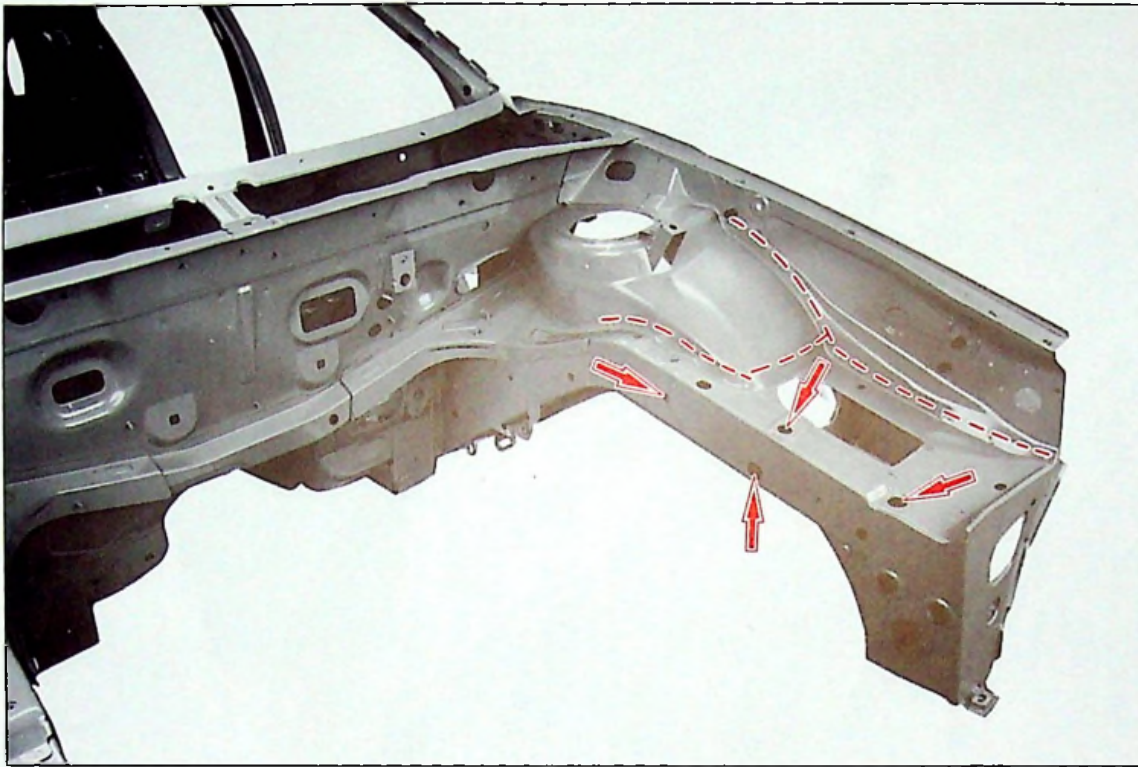
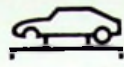
7



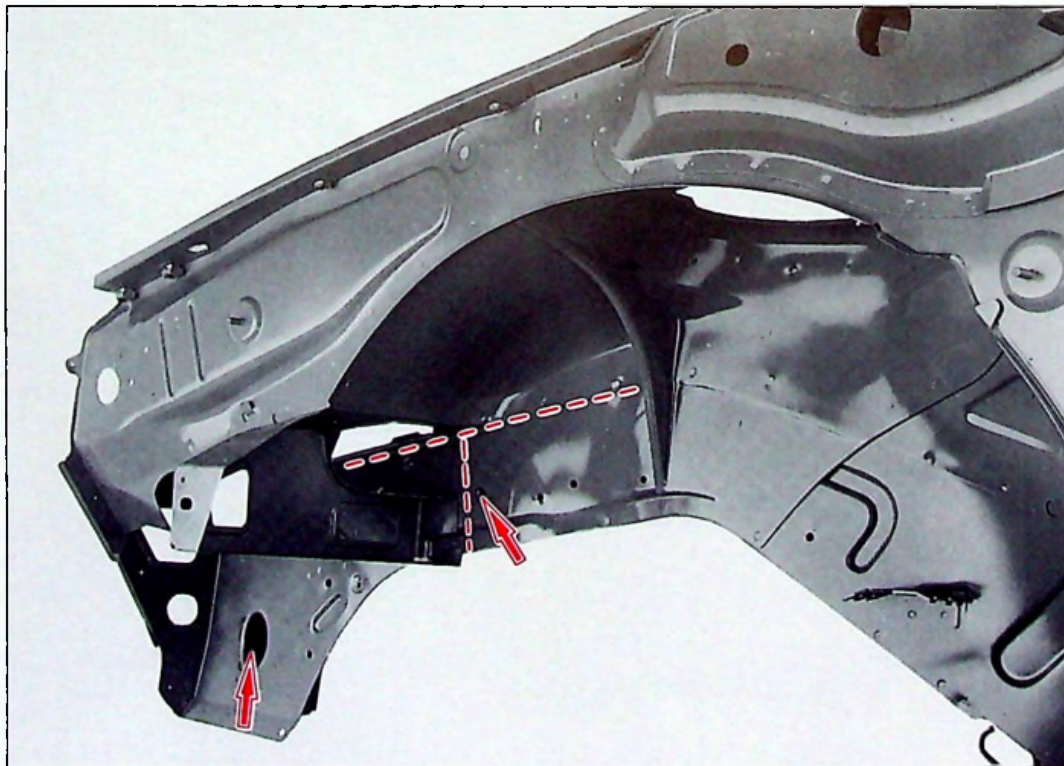
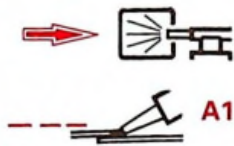
89-1255



88-365



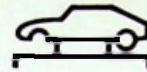
88-361



88-363

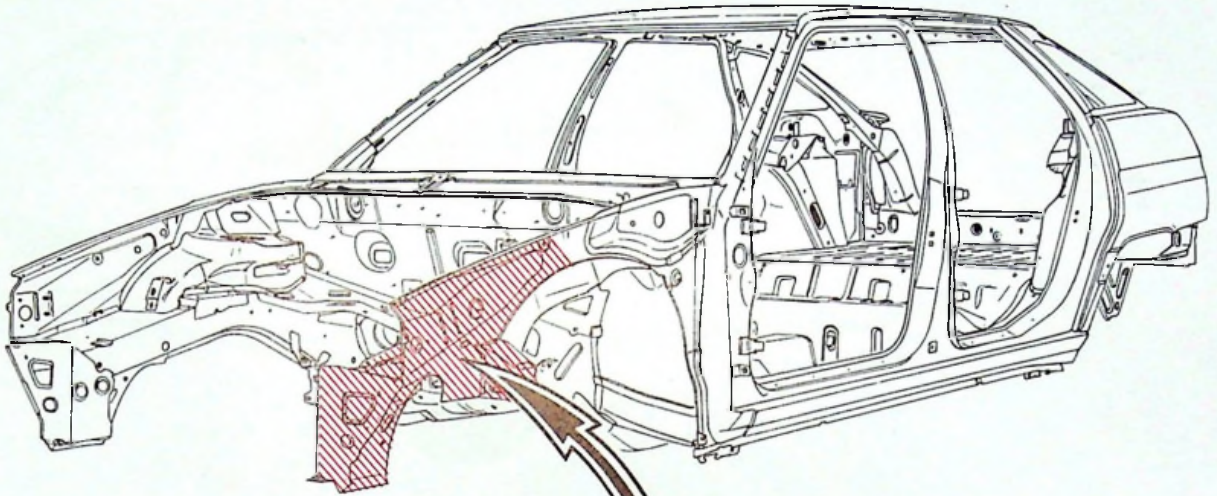


14

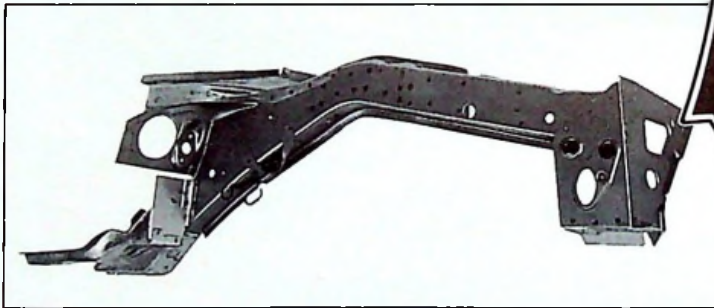


XM
801-3/3

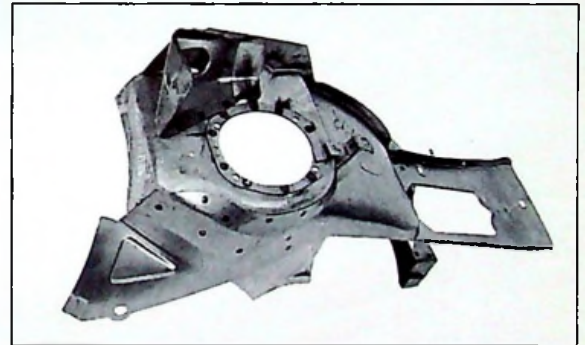
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Y.80-1



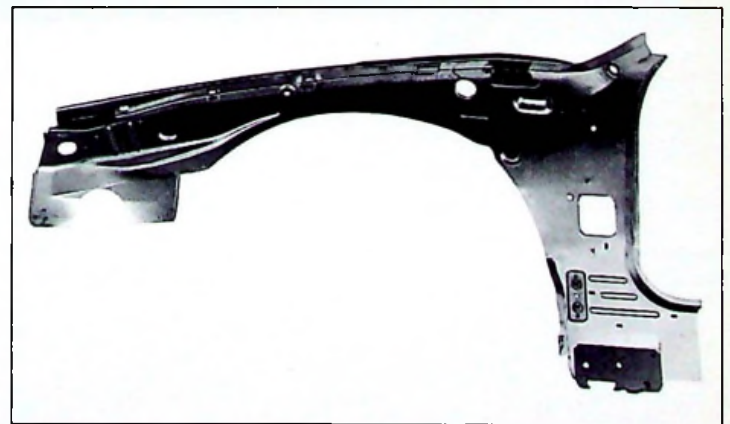
88-789



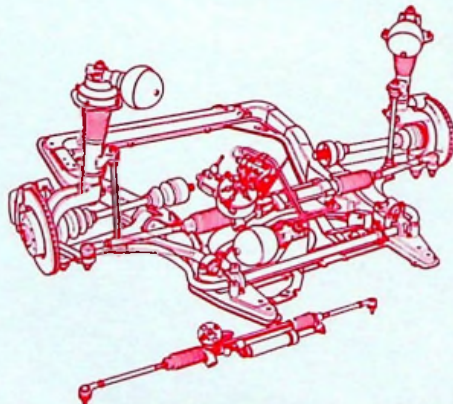
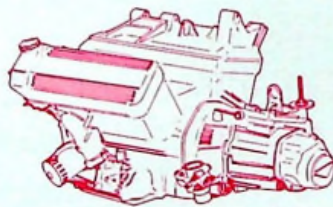
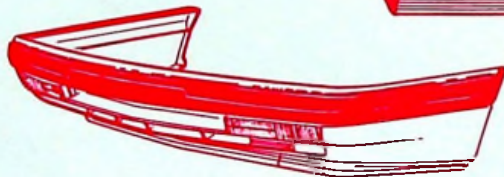
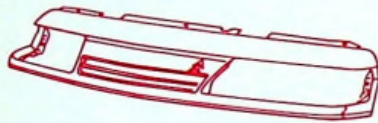
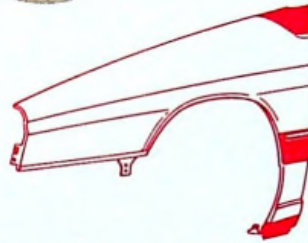
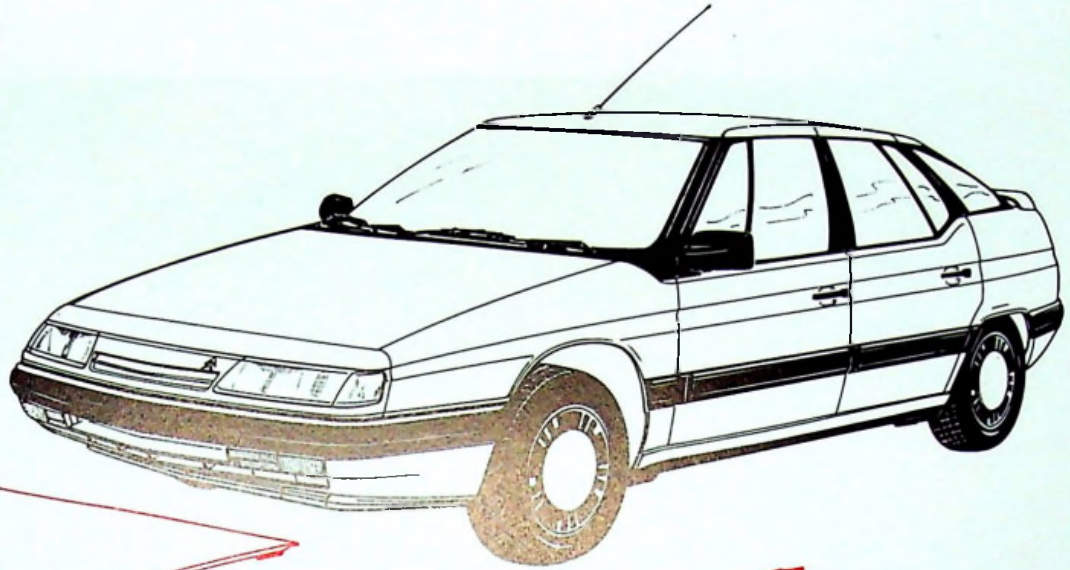
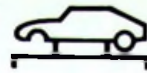
88-797



89-501

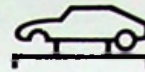


89-498



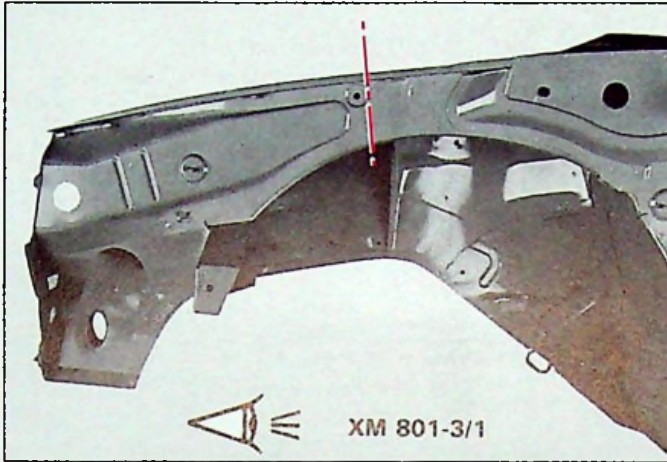


14

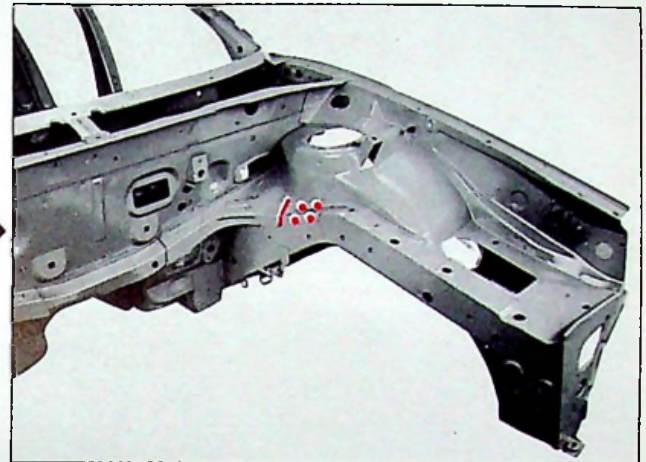


XM
801-3/3

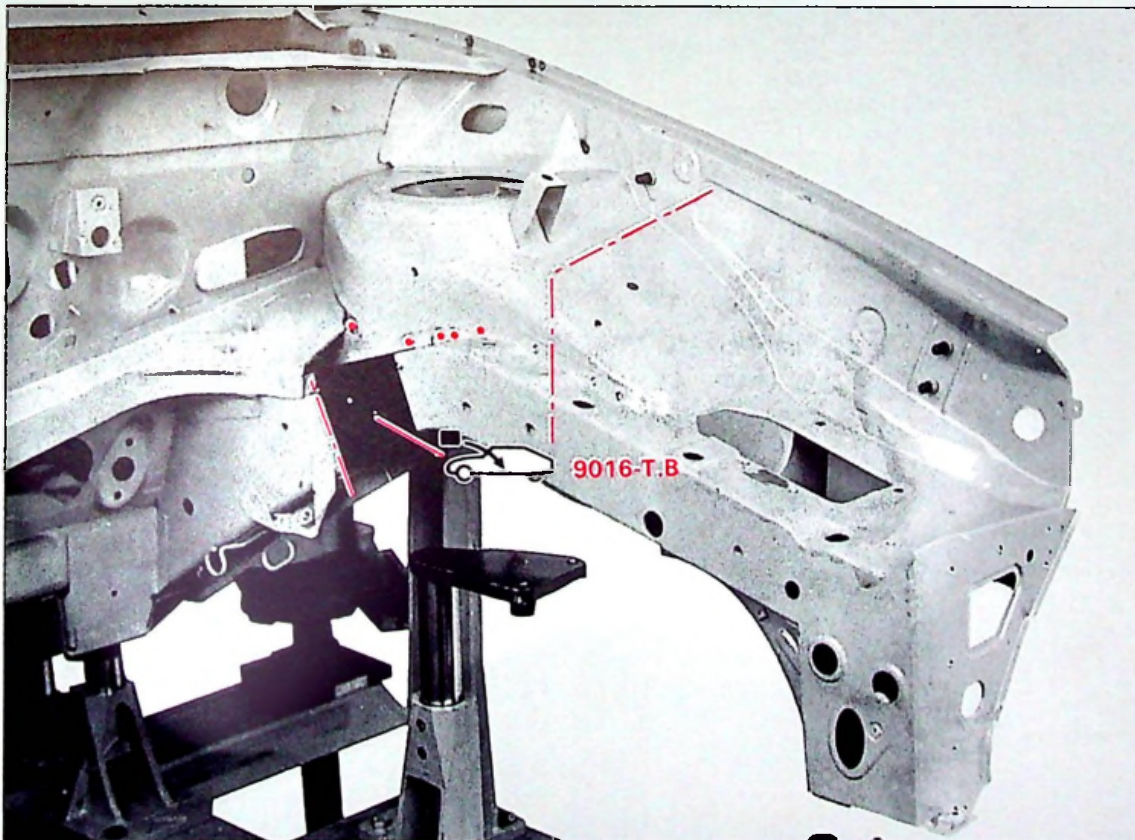
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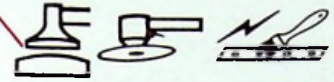
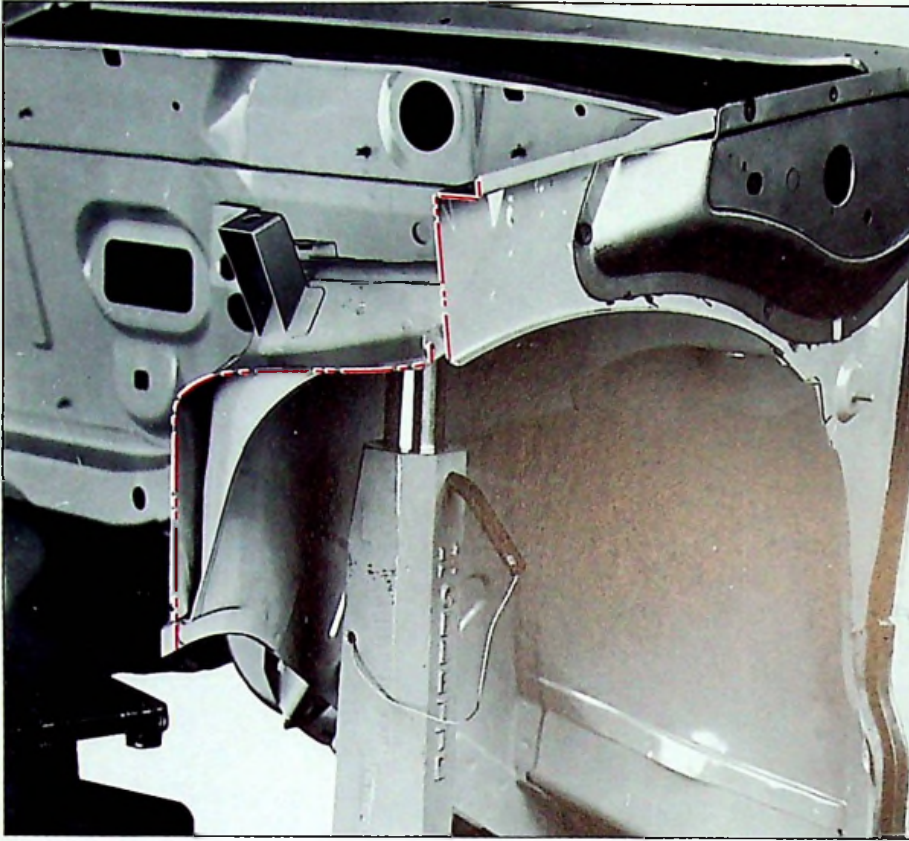
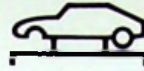
88-365



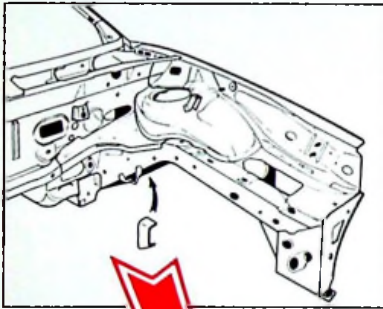
88-361



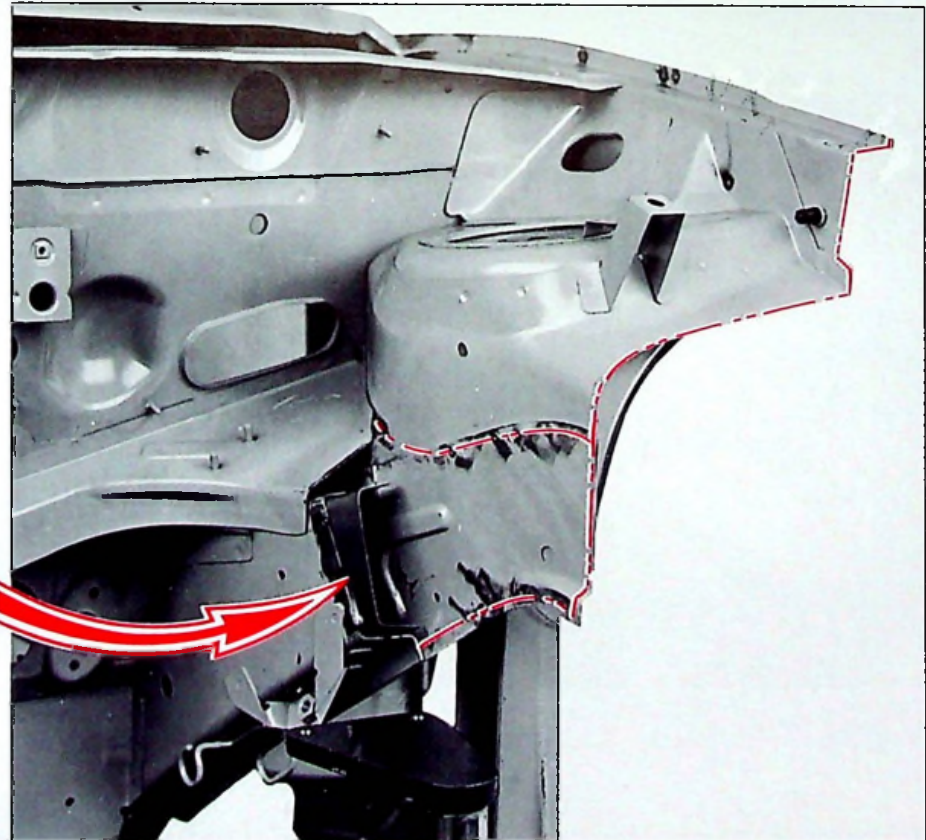
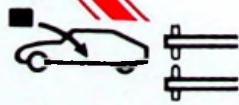
89-369



89-410



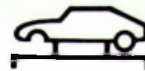
Y.82-10



89-408

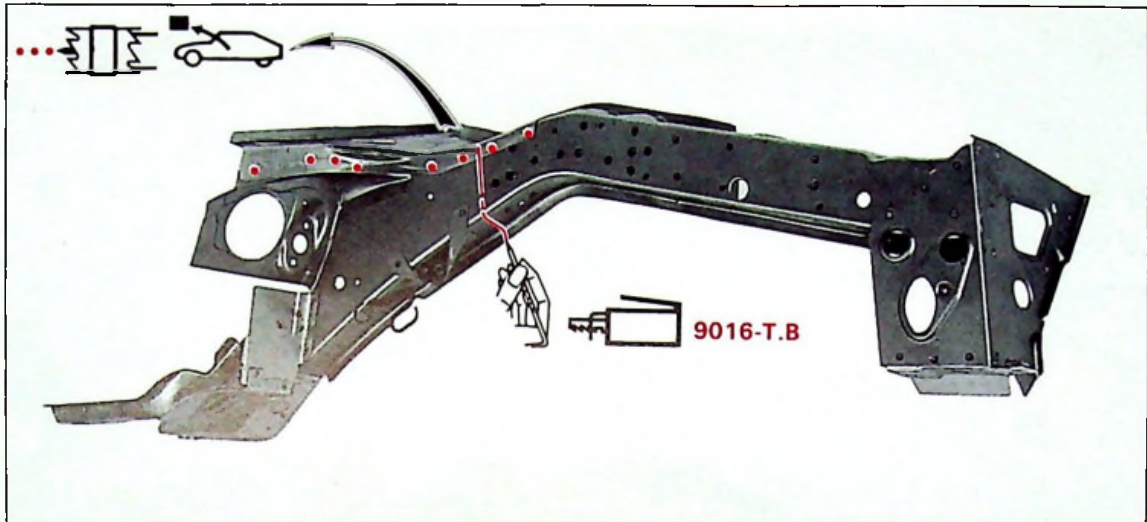


14

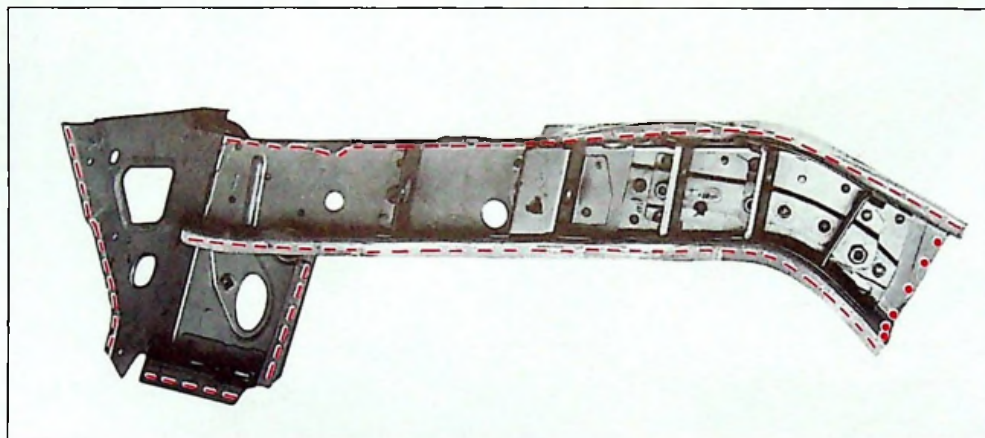


XM
801-3/3

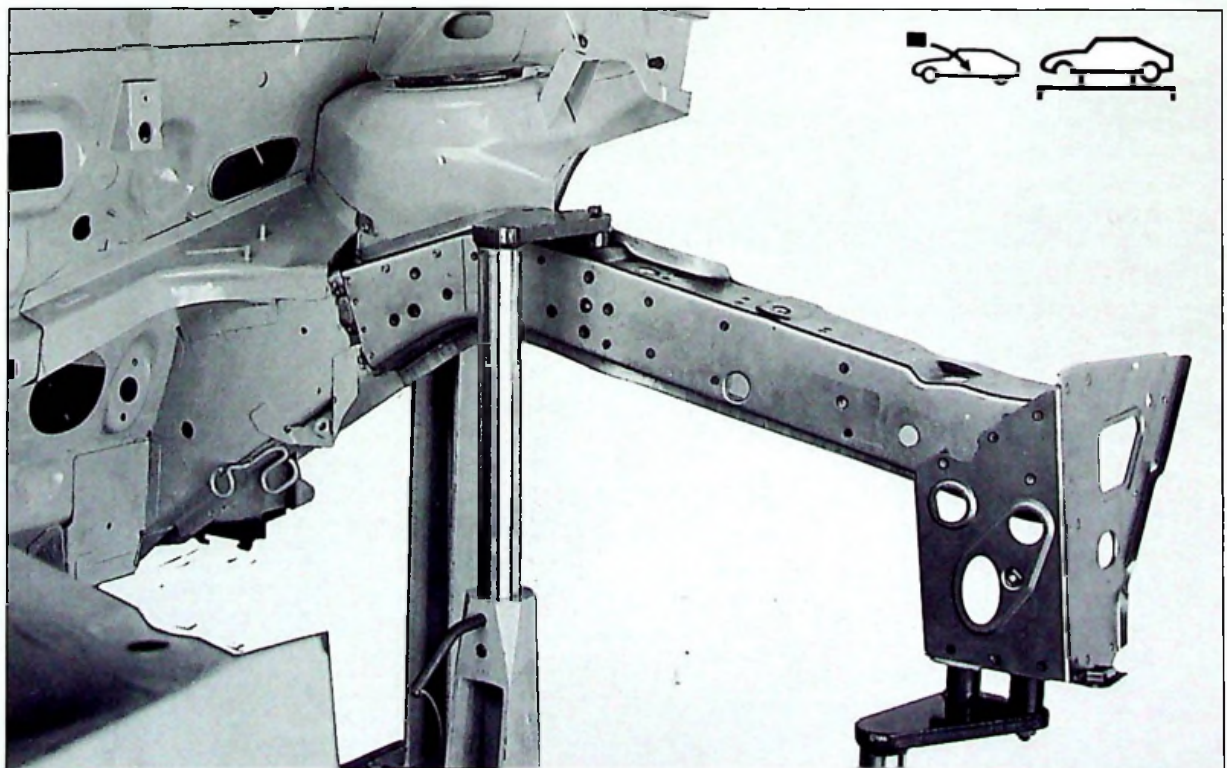
5



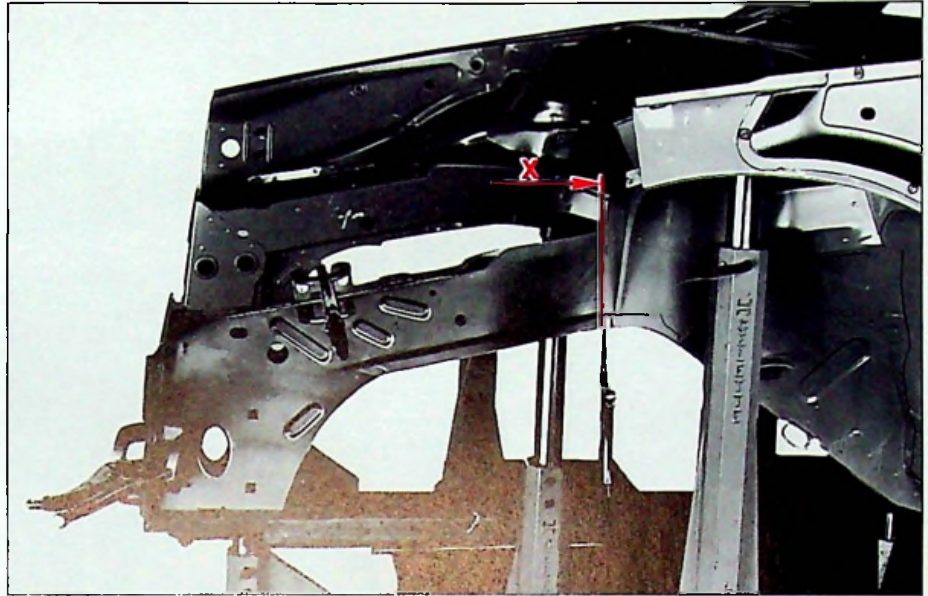
88-789



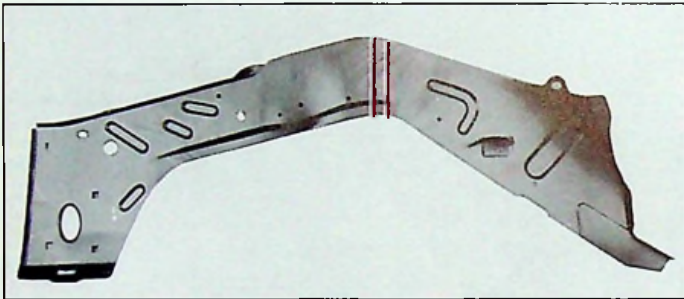
89-413



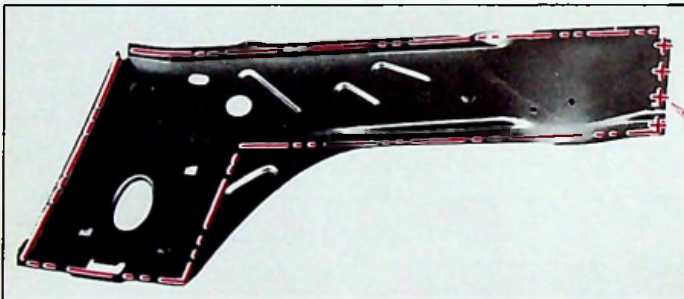
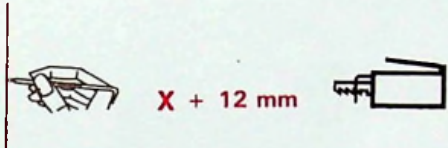
89-591 ,



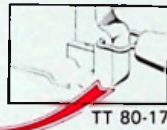
89-598



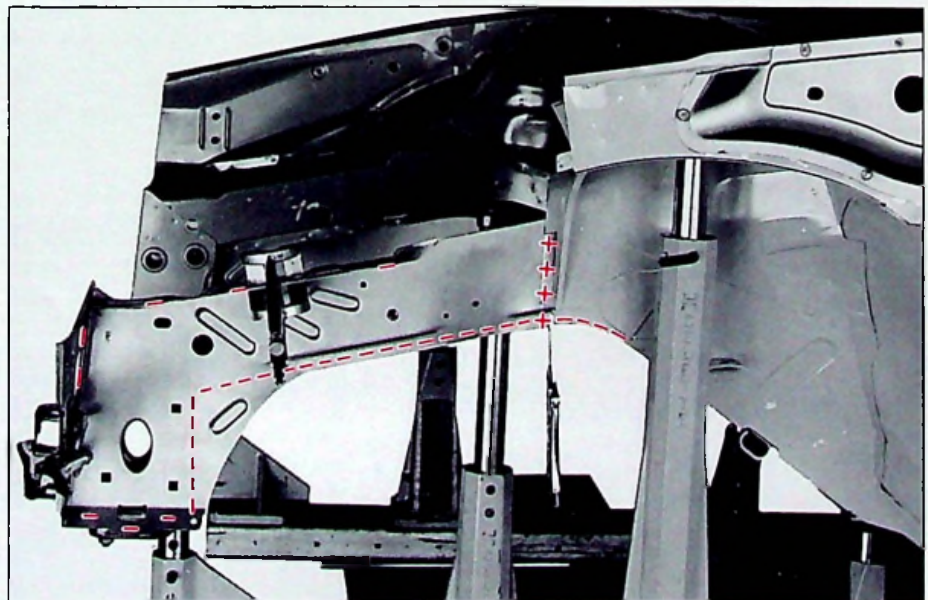
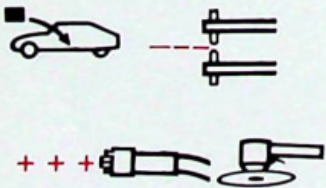
89-500



89-595



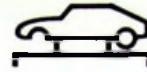
+++ Ø = 6 mm



89-590

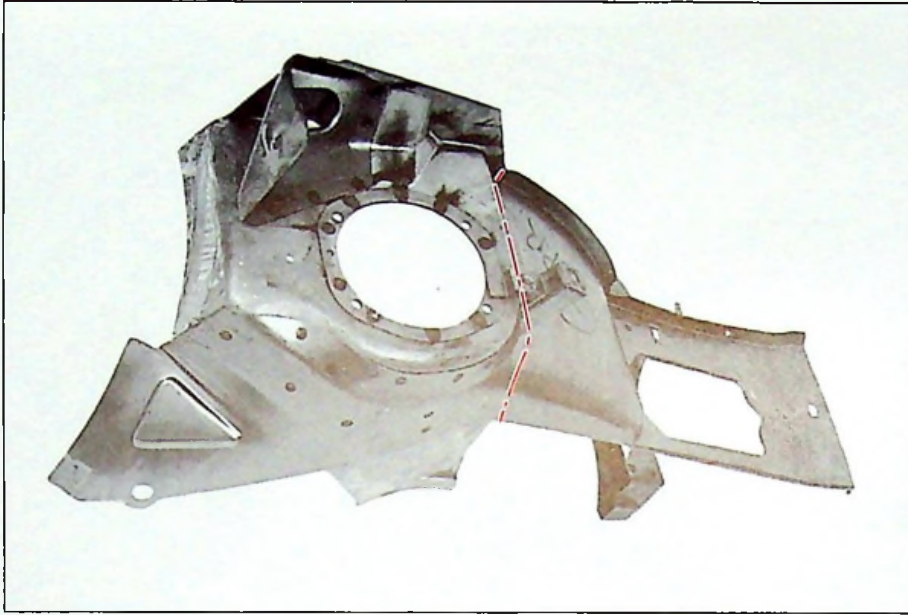


14

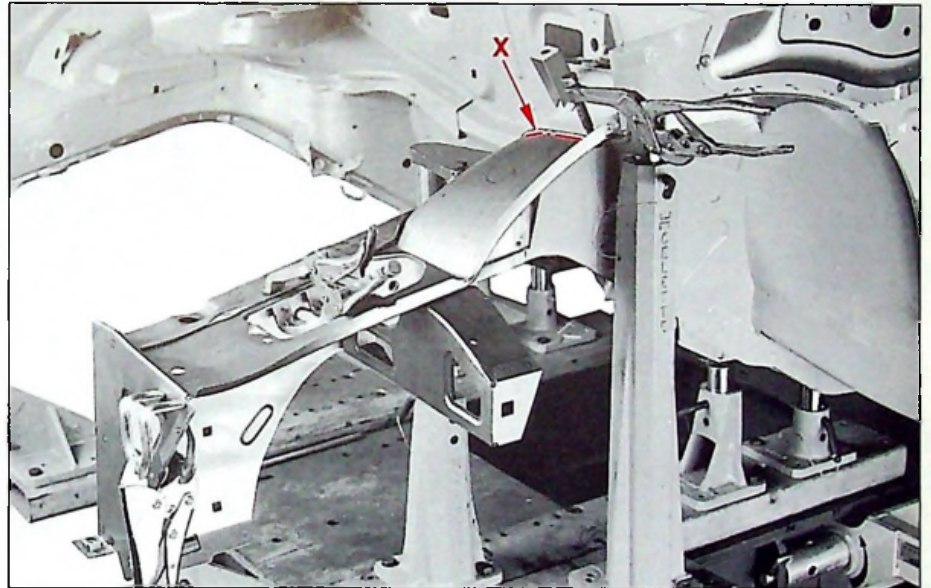
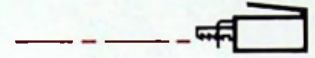


XM
801-3/3

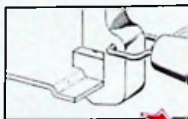
7



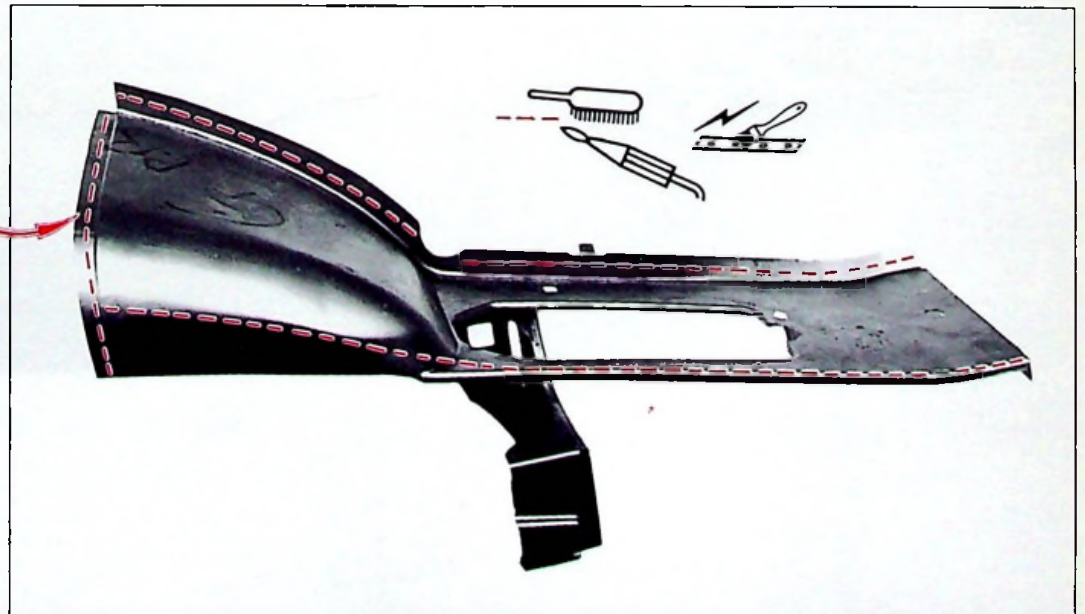
88-797



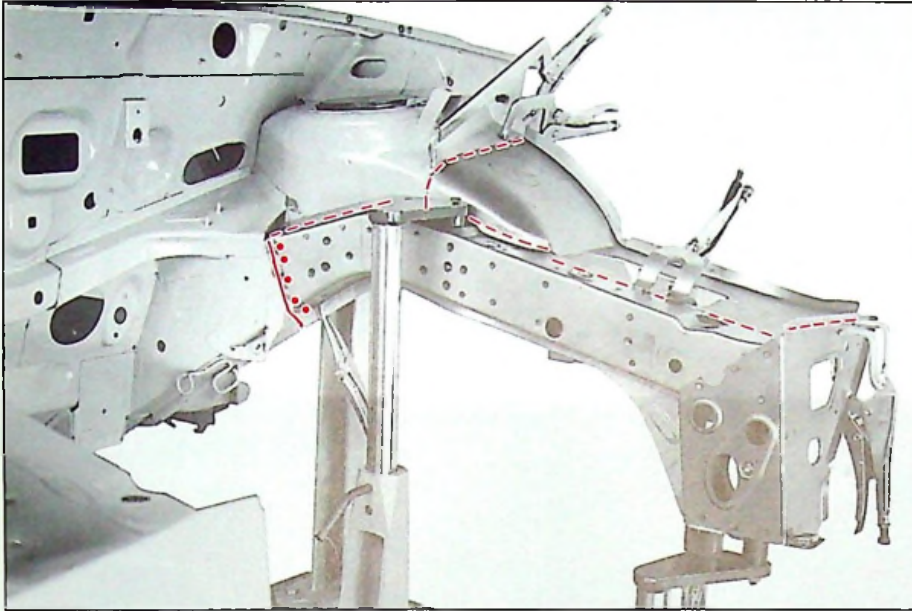
89-594



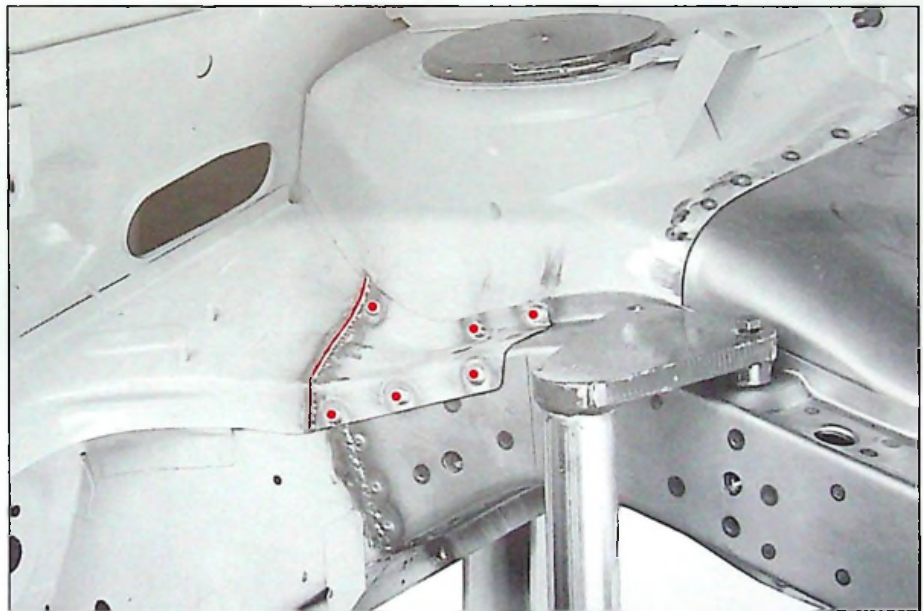
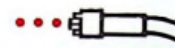
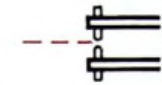
TT 80-17



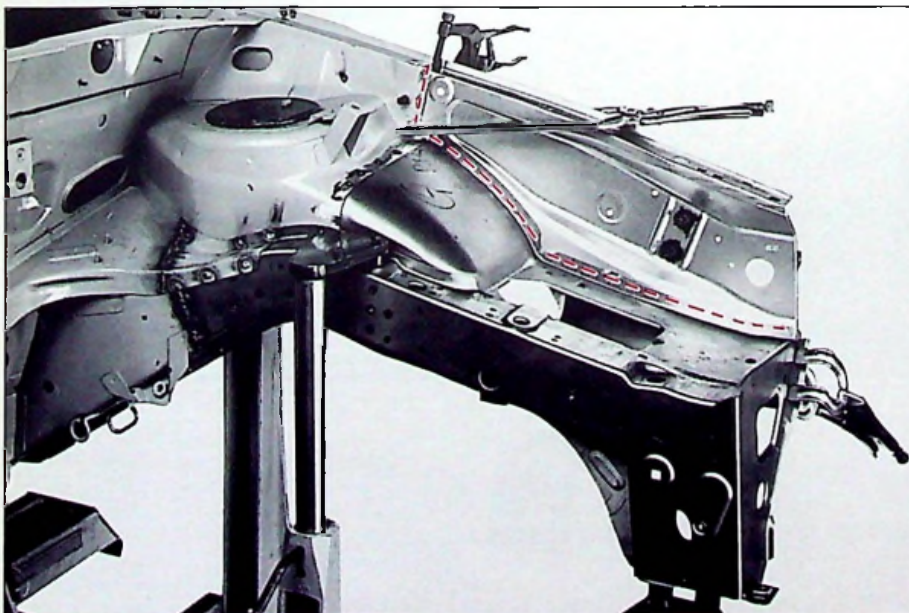
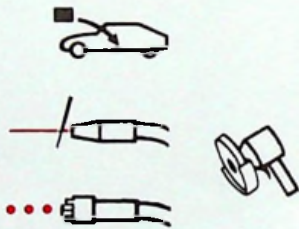
89-407



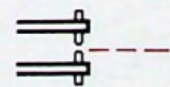
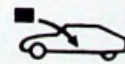
89-596



89-592



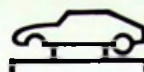
89-600



XM 801-3/1

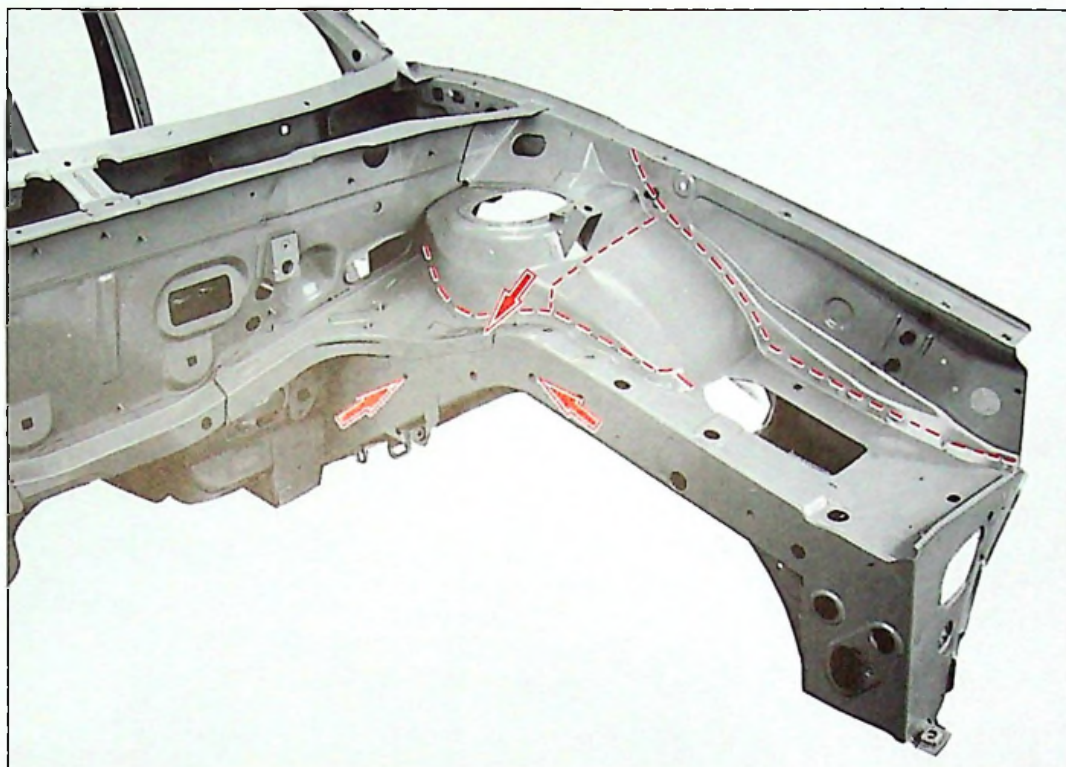


14



XM
801-3/3

9



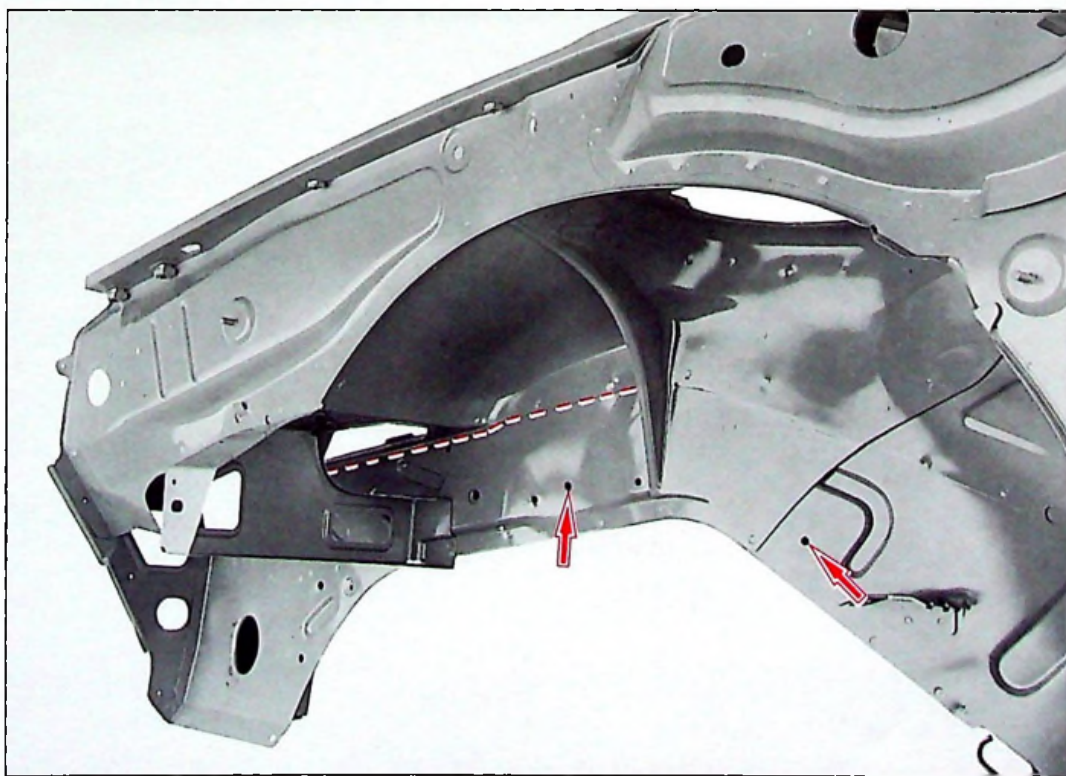
88-361



A1



XM 800-00/3



88-363

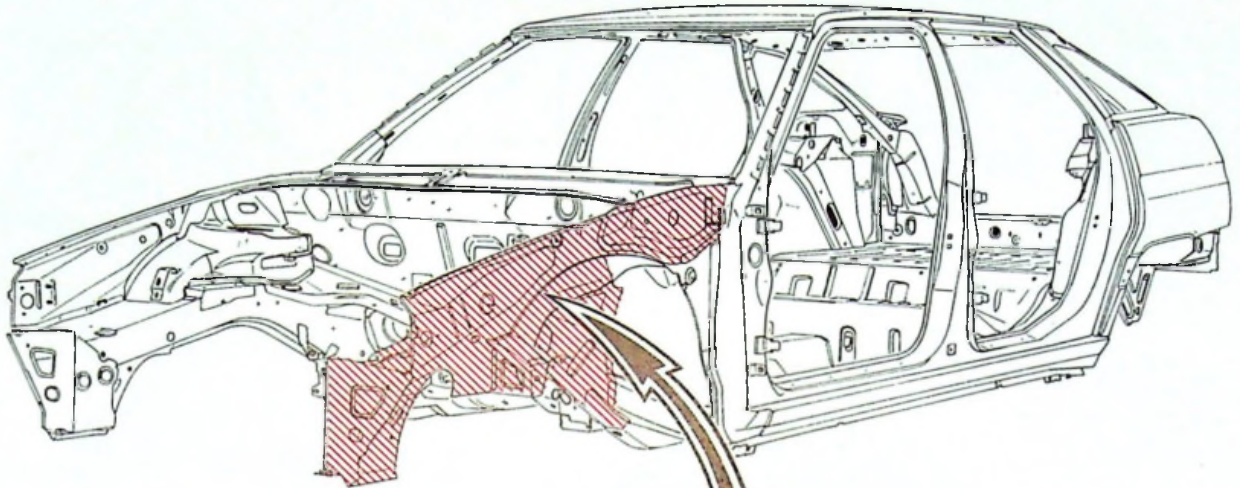


14

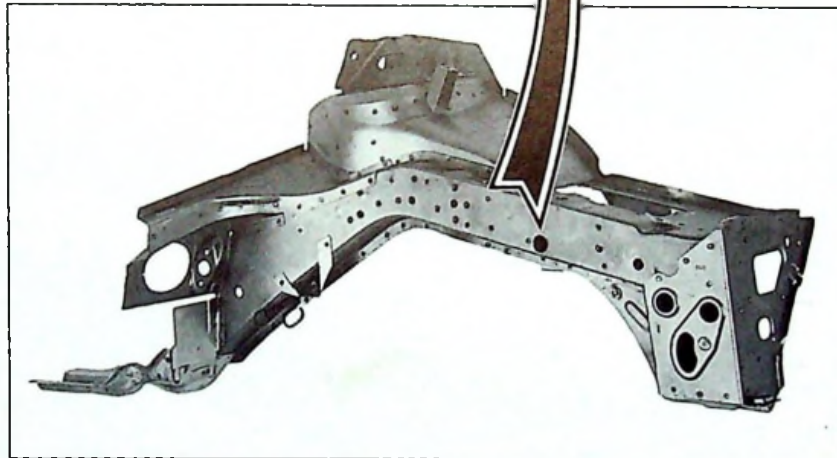


XM
801-3/4

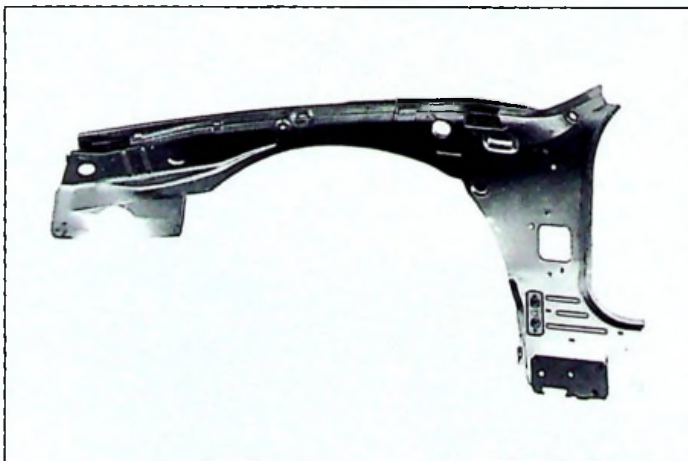
1



Y.80-1



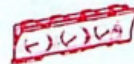
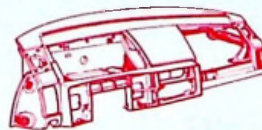
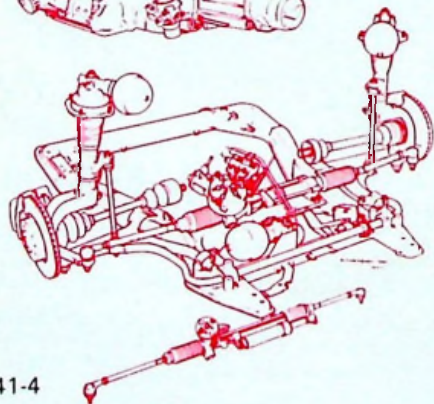
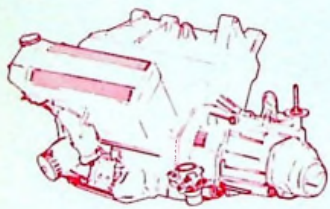
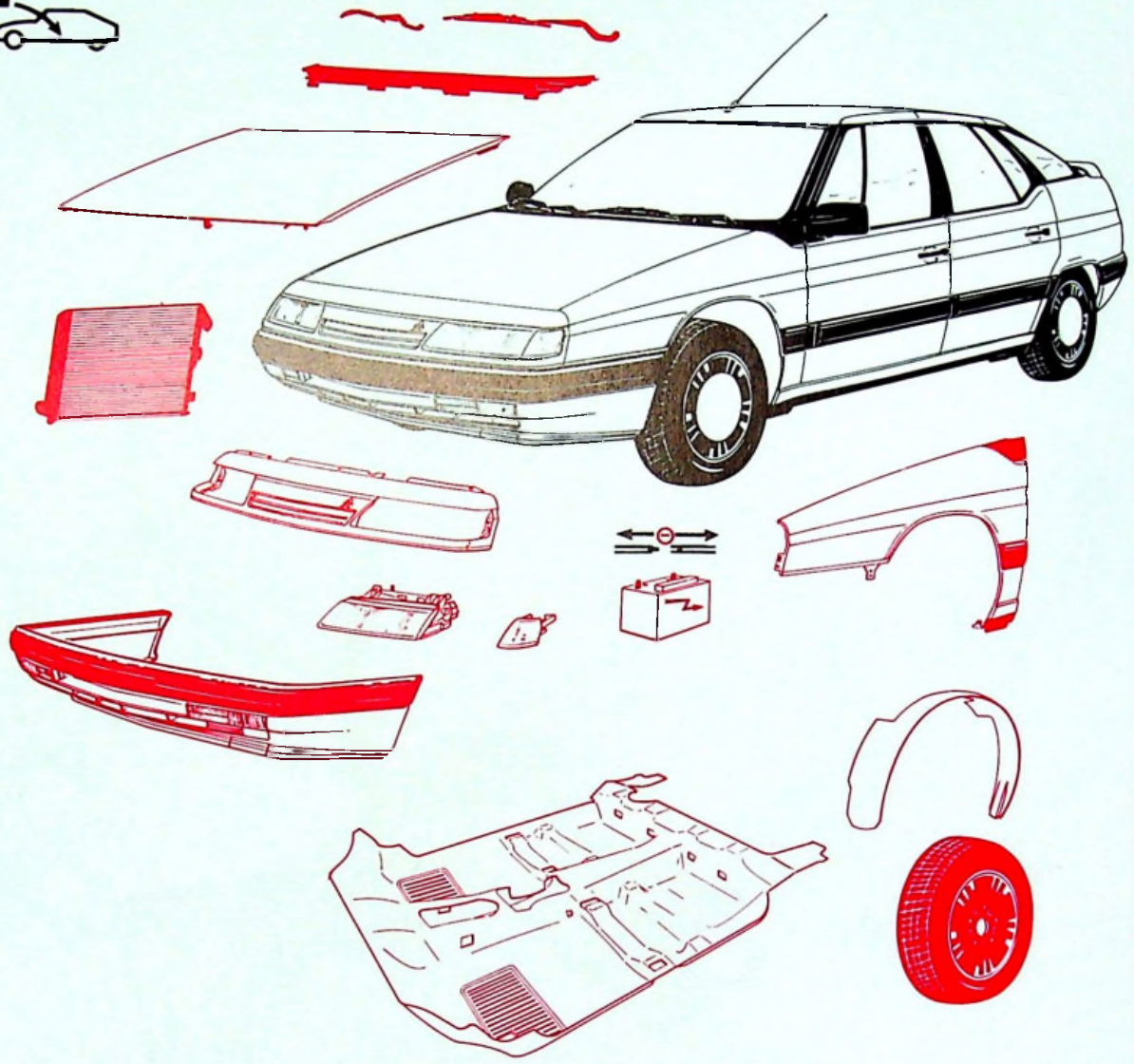
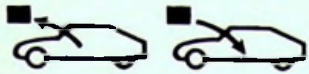
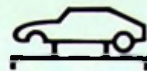
88-790



89-490



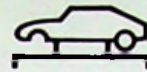
88-772



- Y.41-4
- Y.80-27 Y.10-4
- Y.80.7a Y.80-28

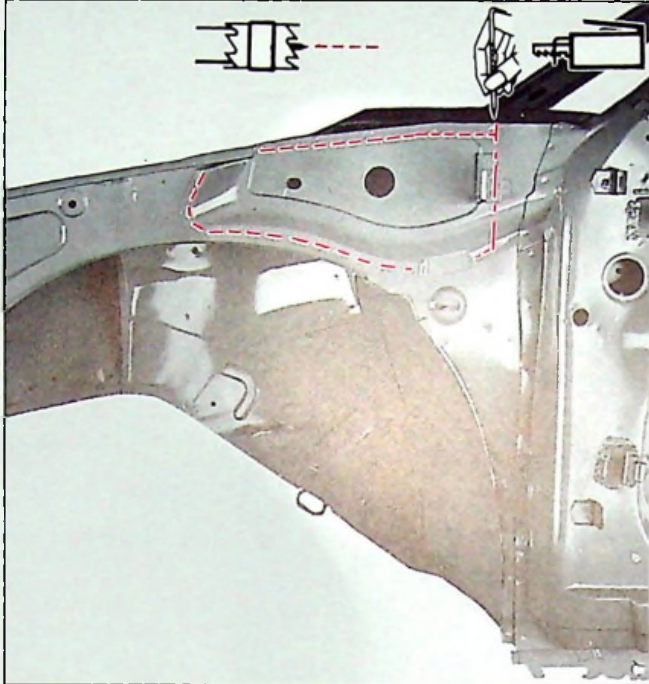


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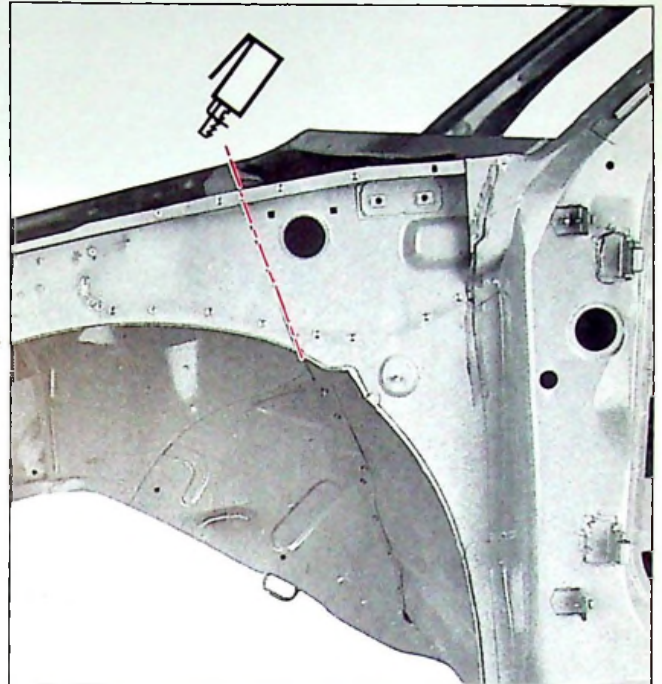


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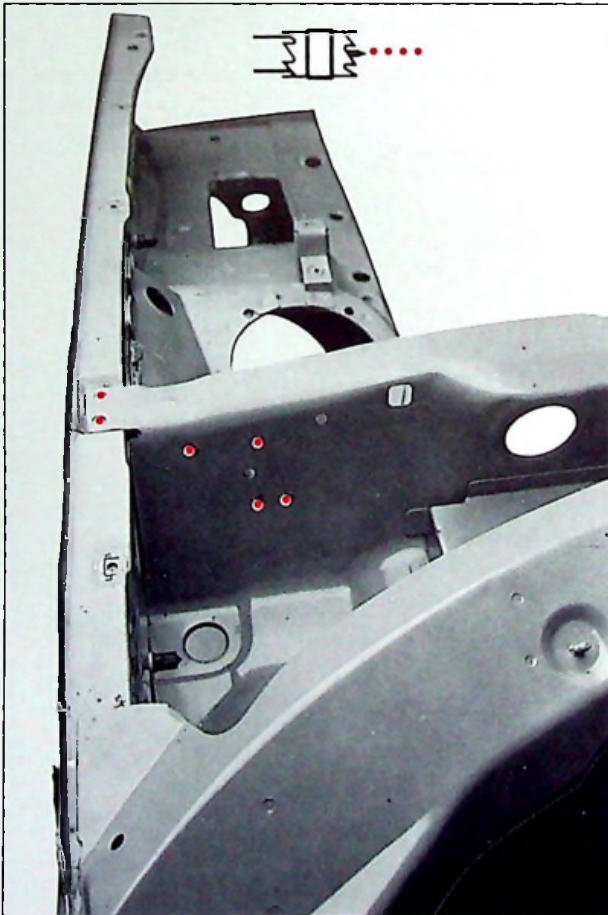
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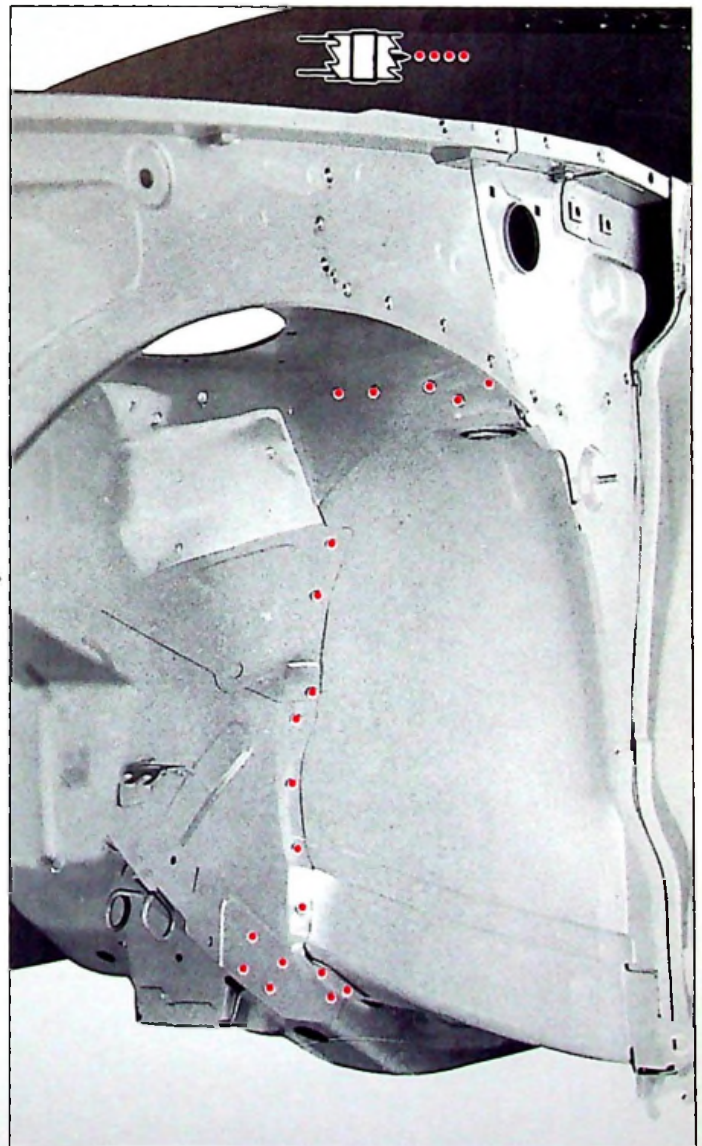
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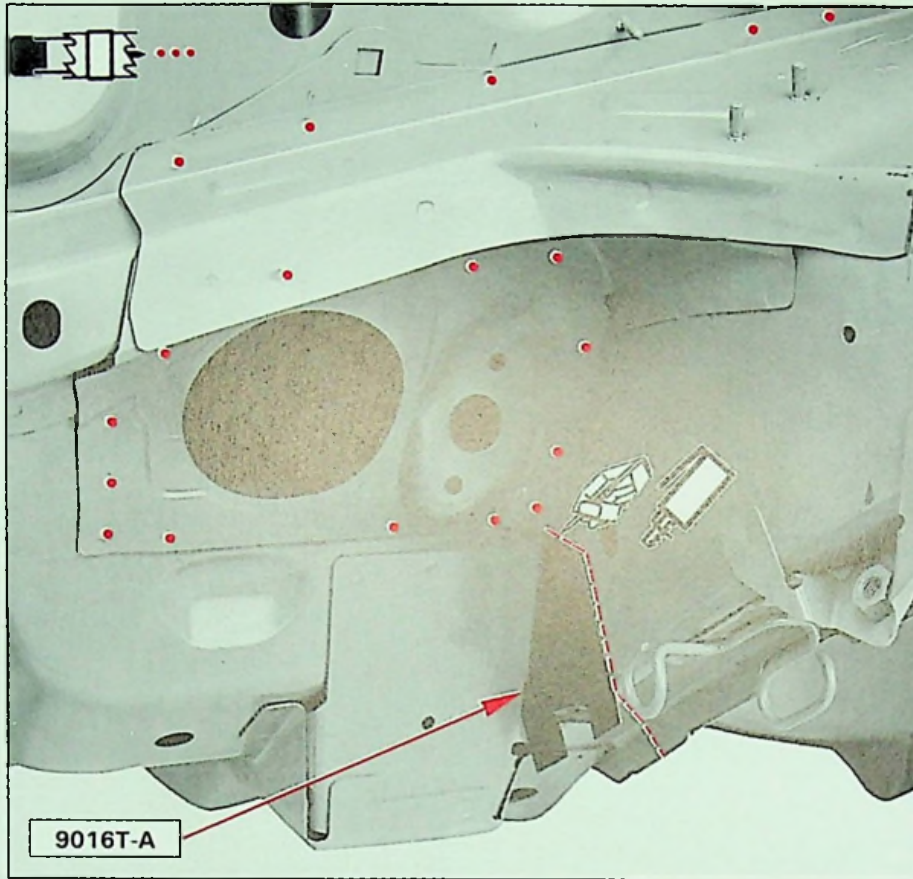
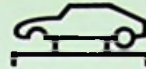
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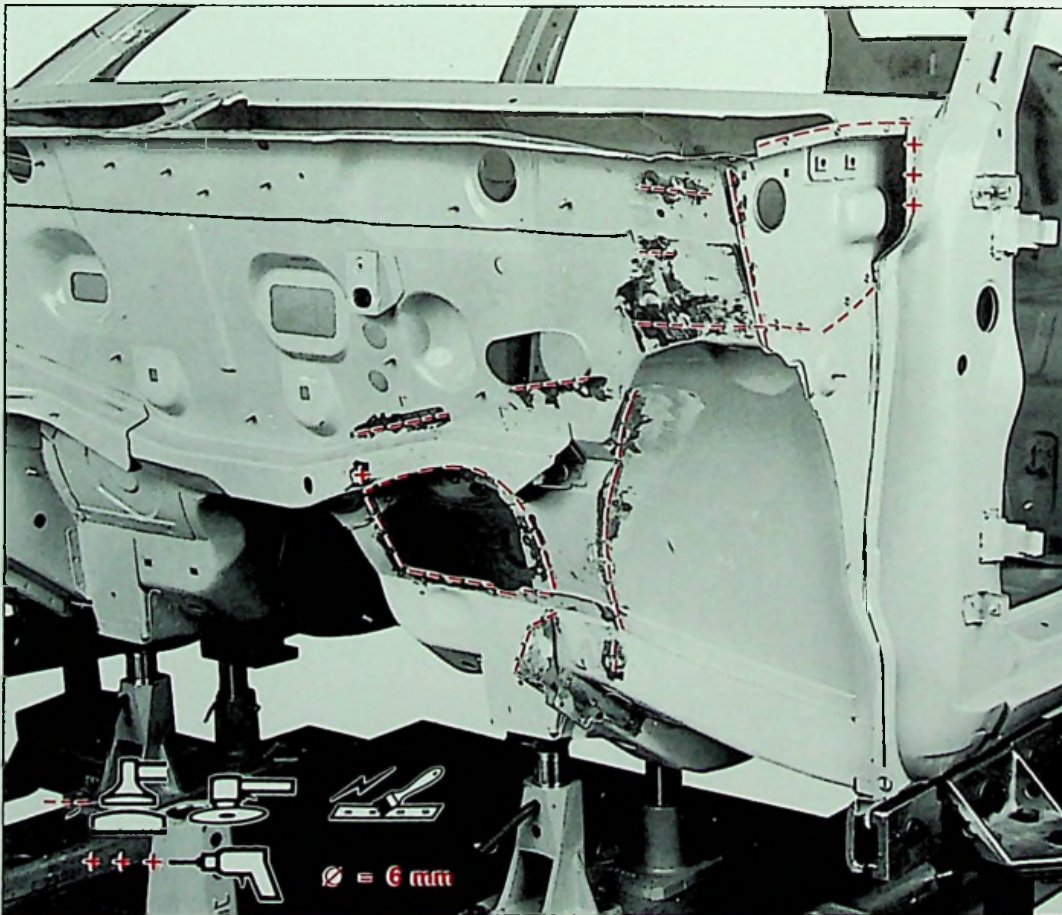
89-416



89-372



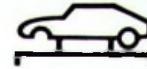
89-466



89-532

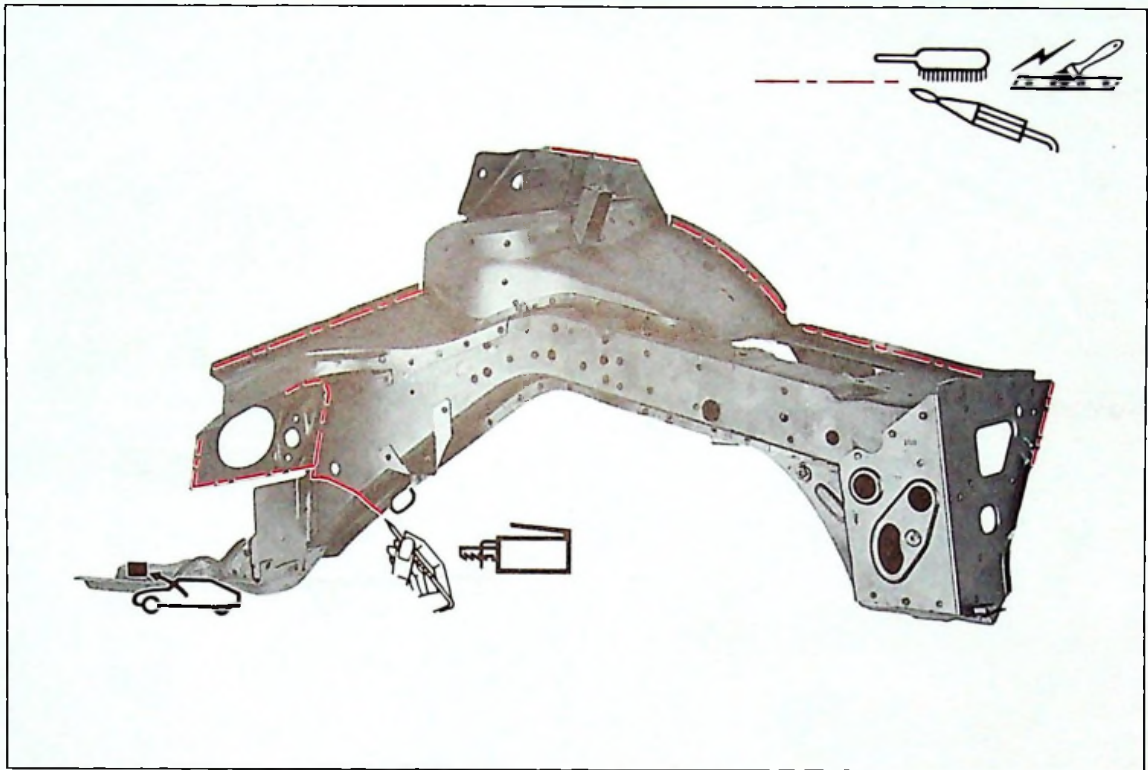


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XM
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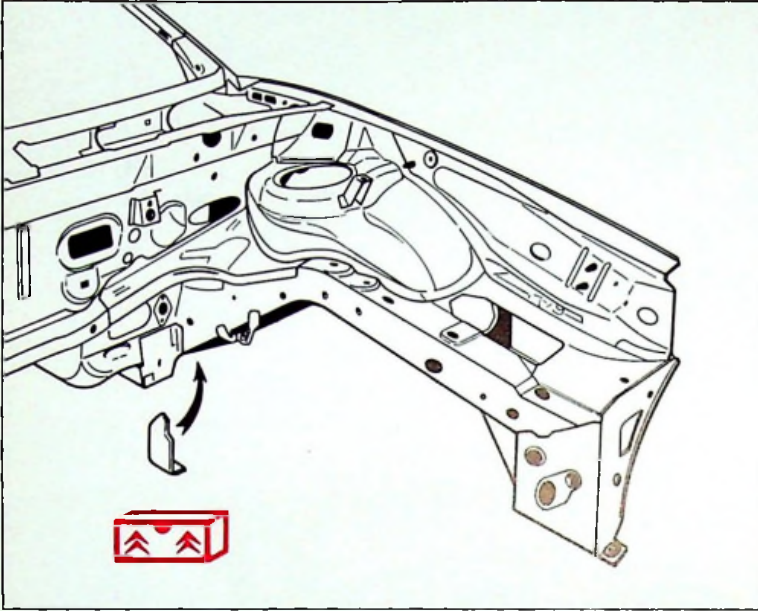
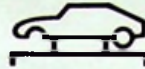
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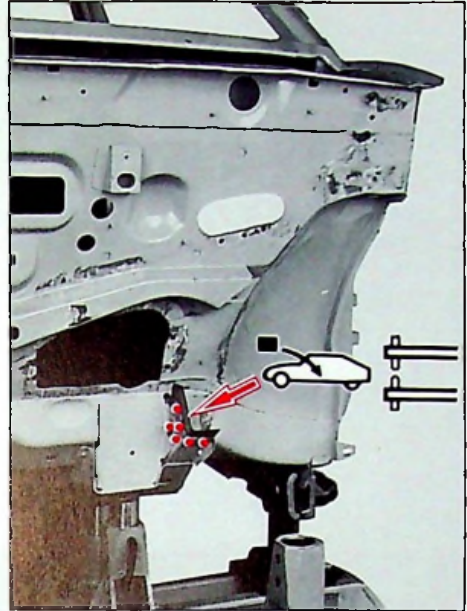
88-790



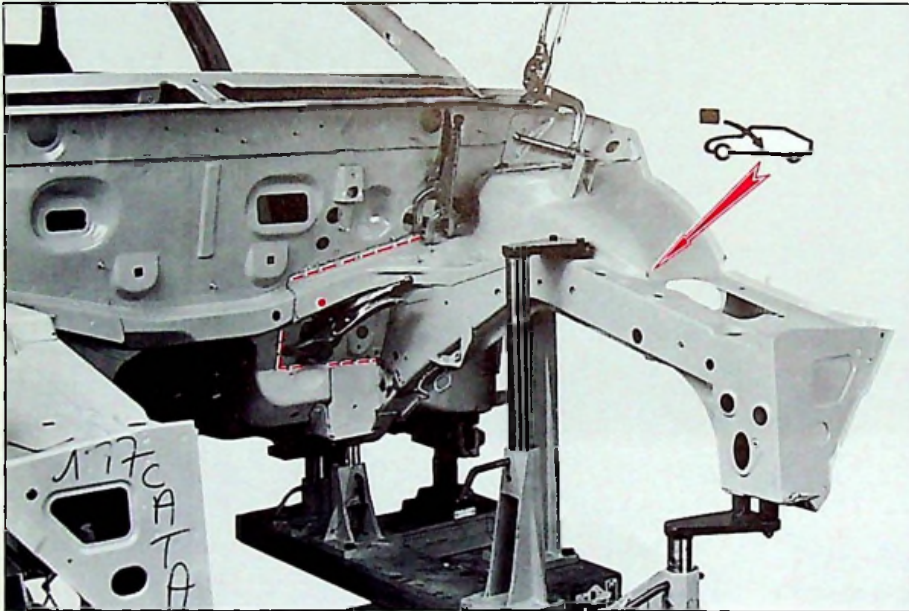
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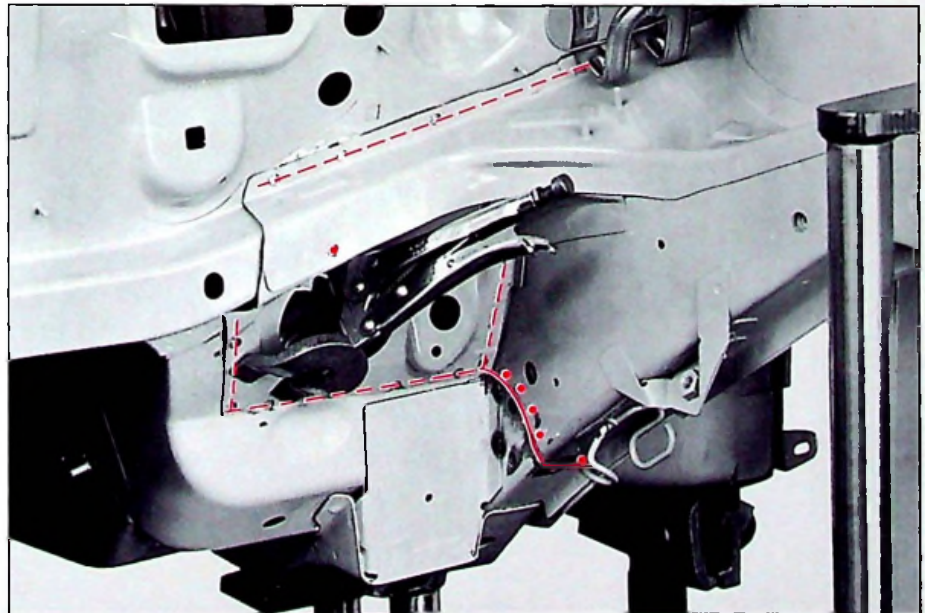
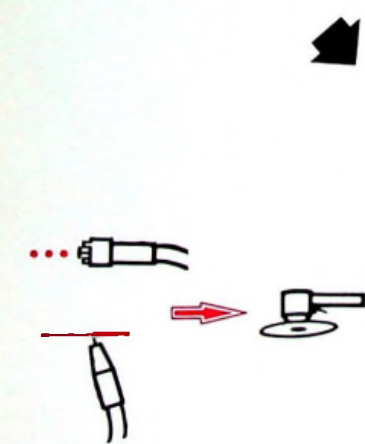
Y.82-10



89-528



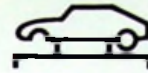
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89-527

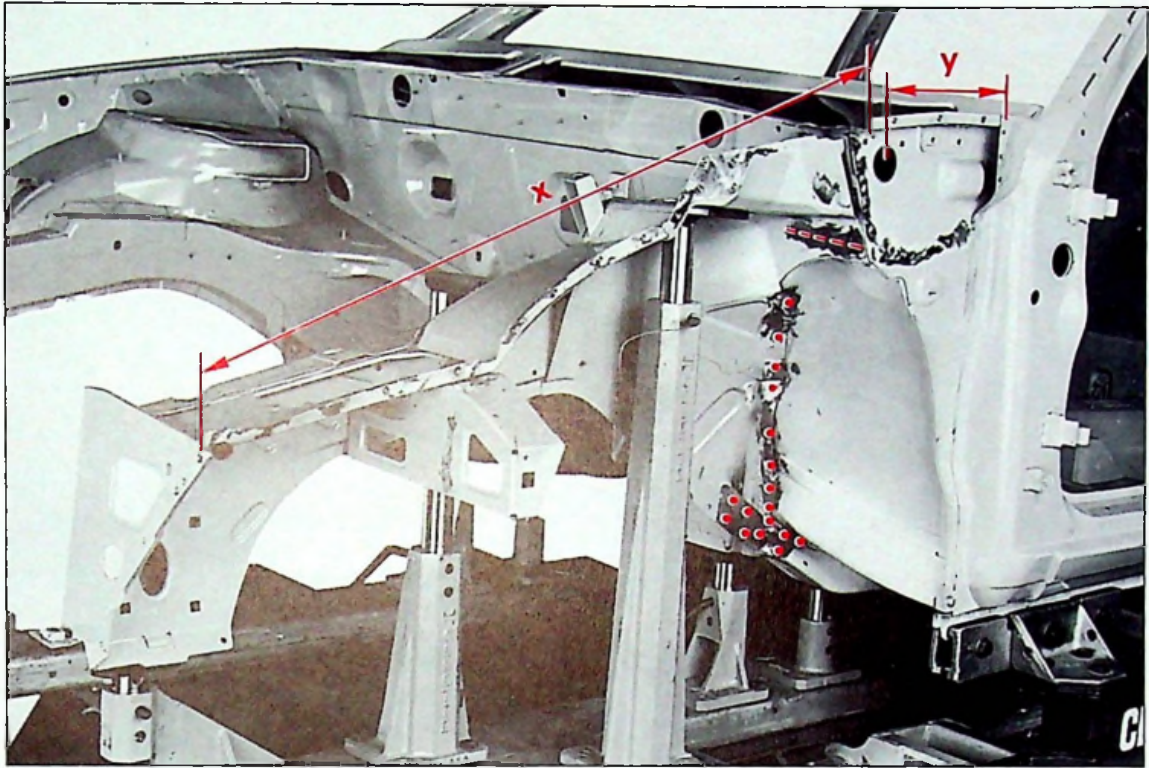


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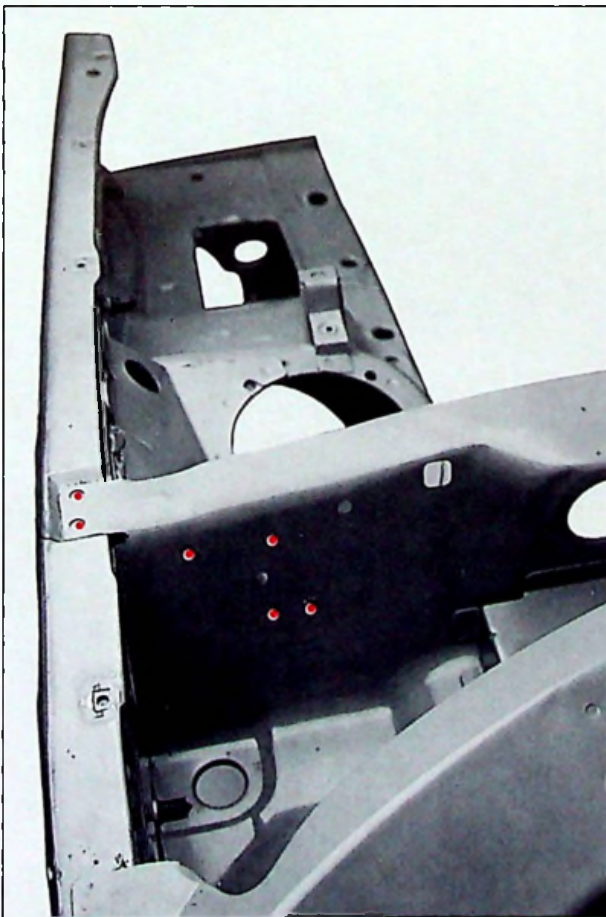


XM
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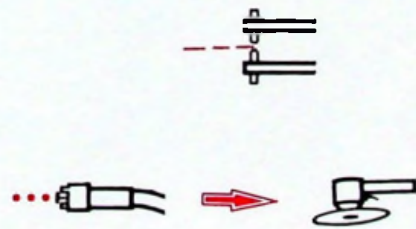
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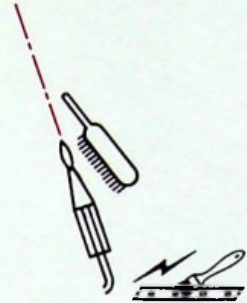
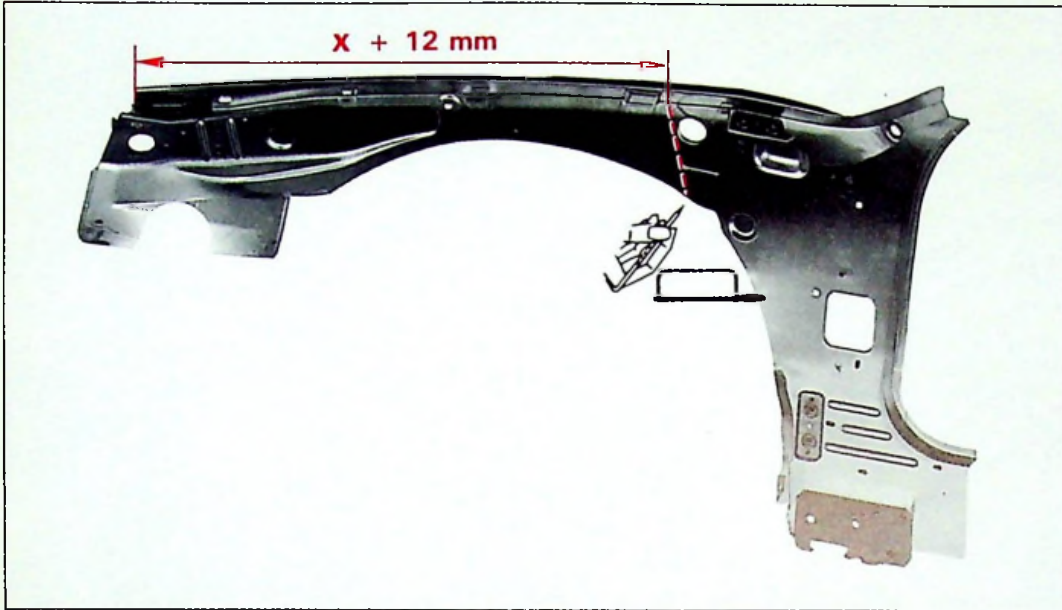
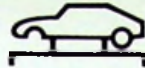


89-529

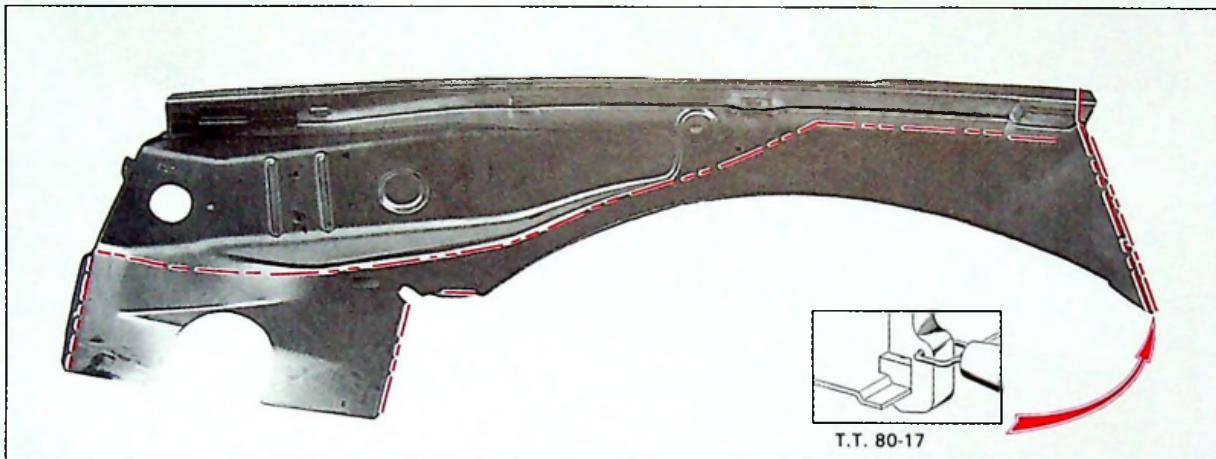


89-416

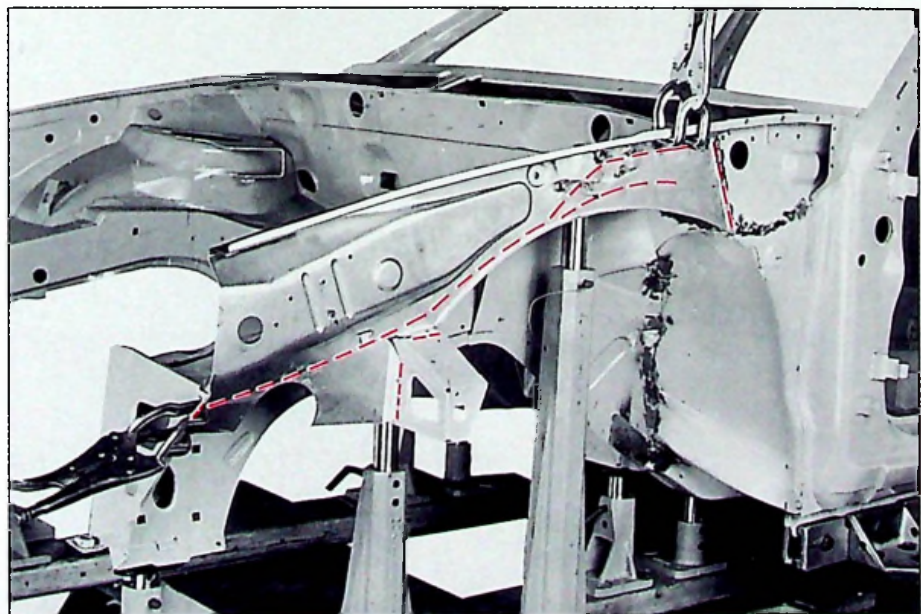
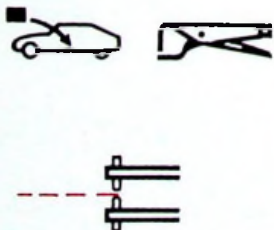




89-498



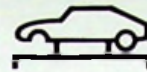
89-503



89-530

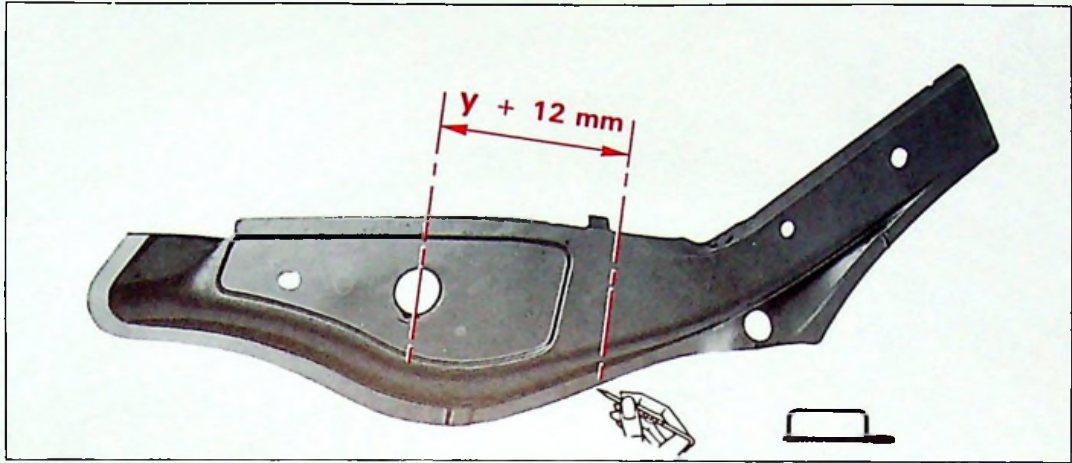


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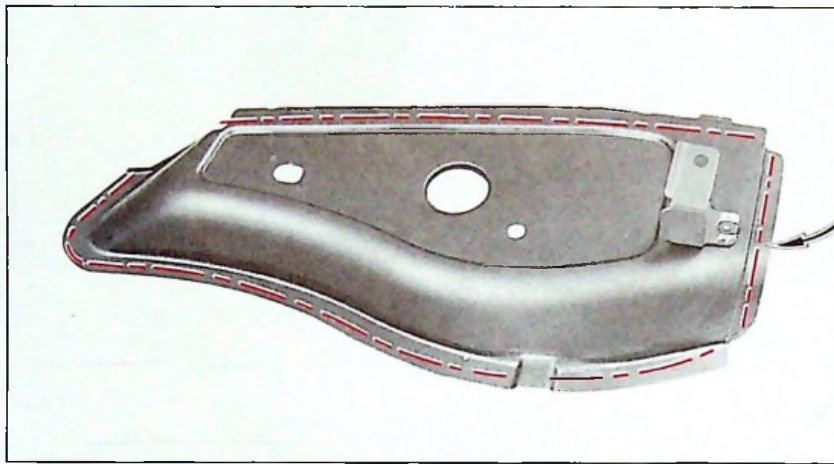


XM
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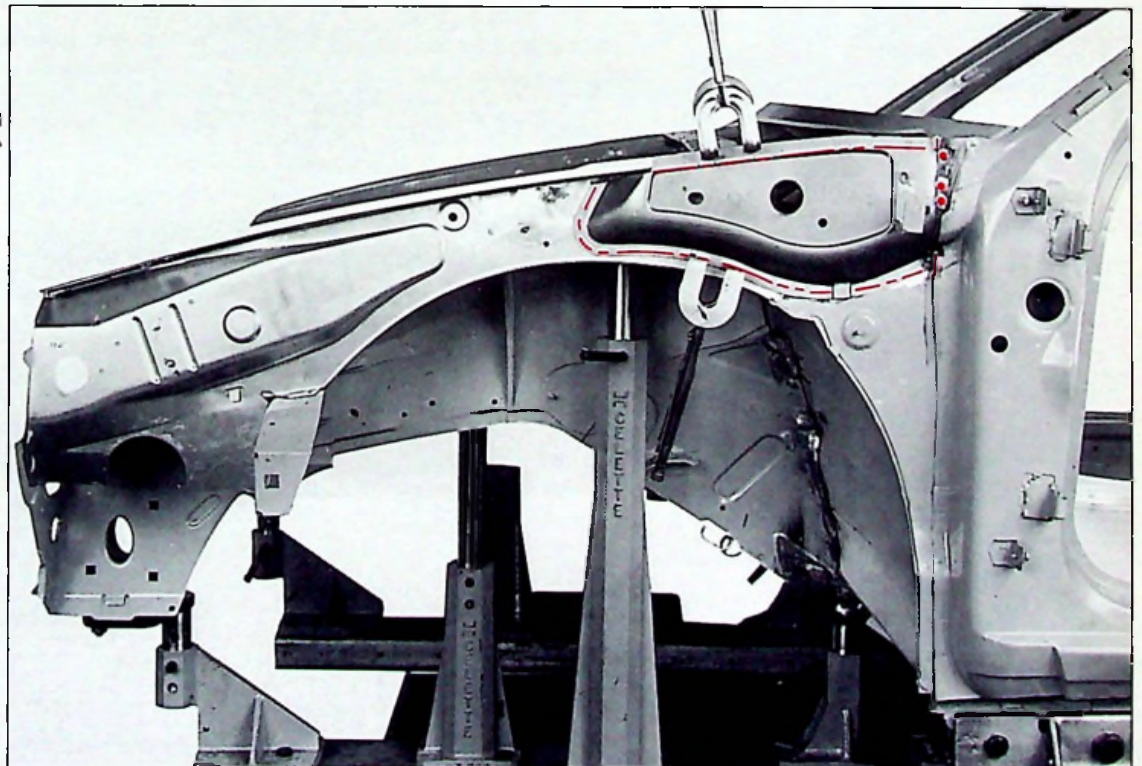
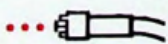
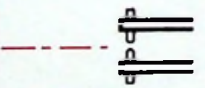
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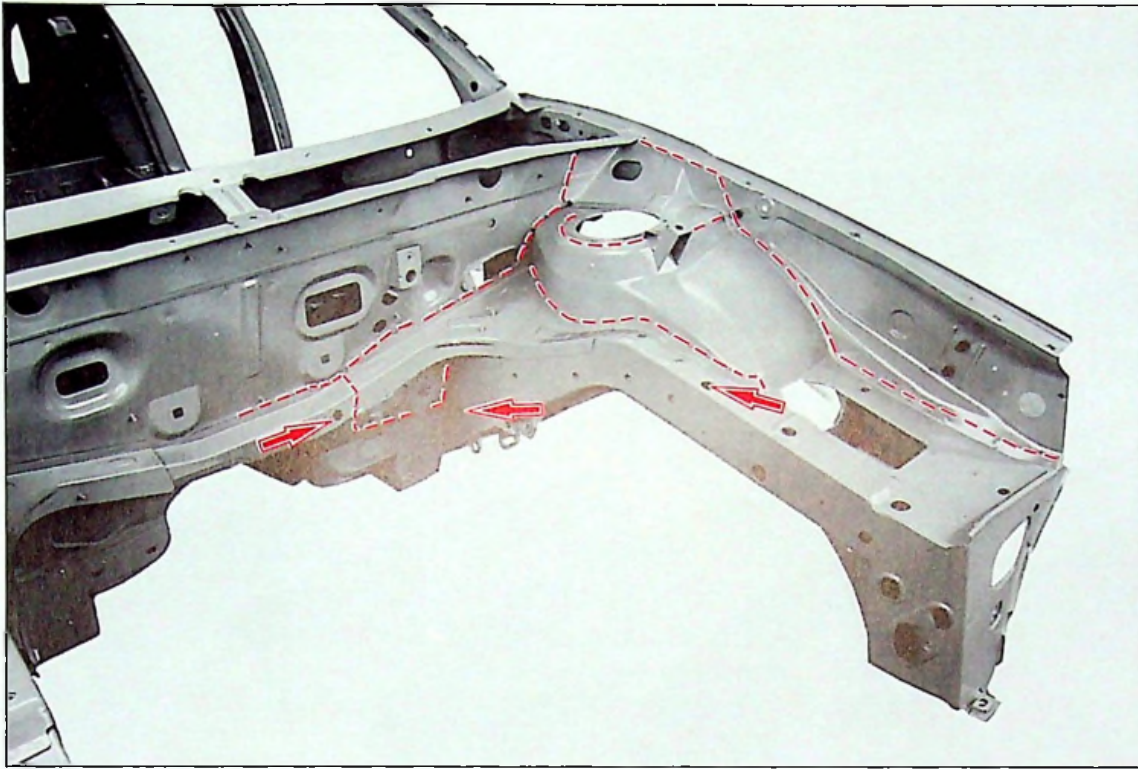
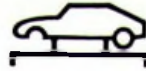
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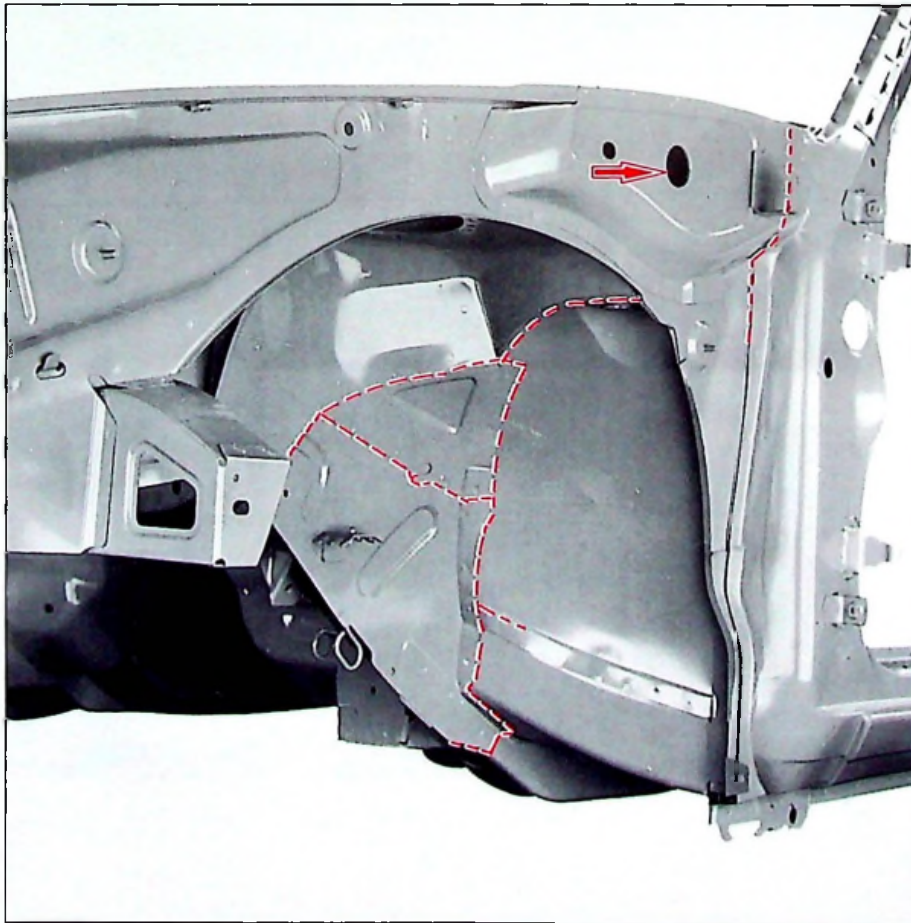
89-367



89-531



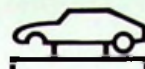
88-361



88-364

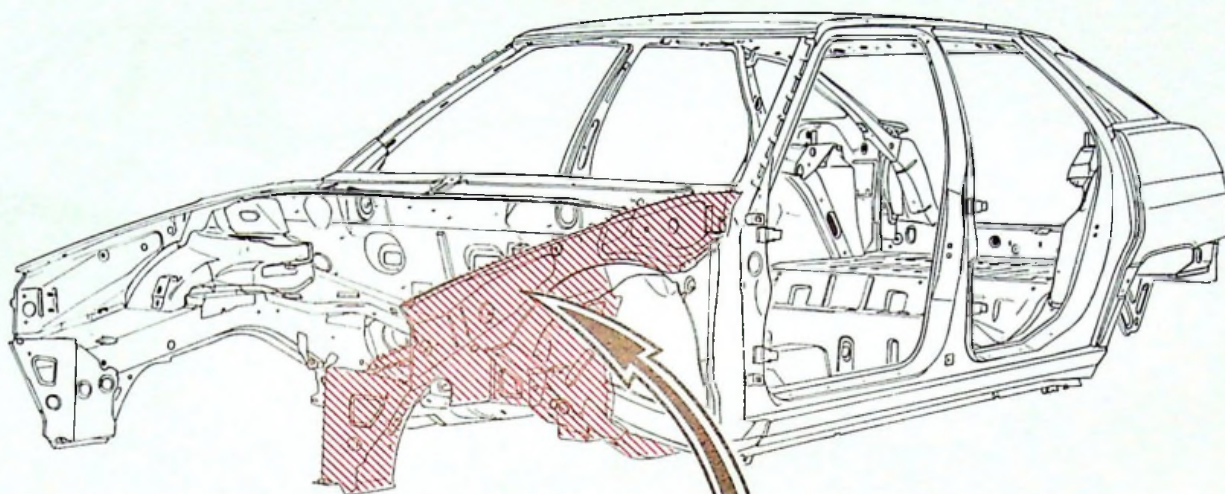


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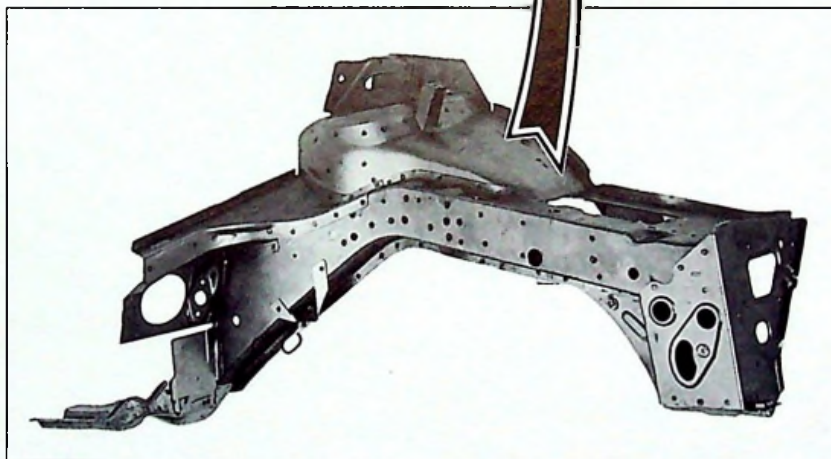


XM
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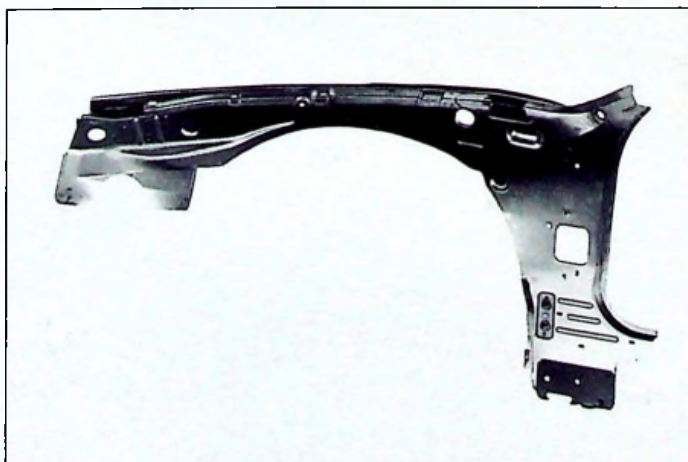
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Y.80-1



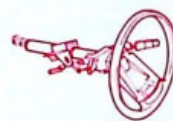
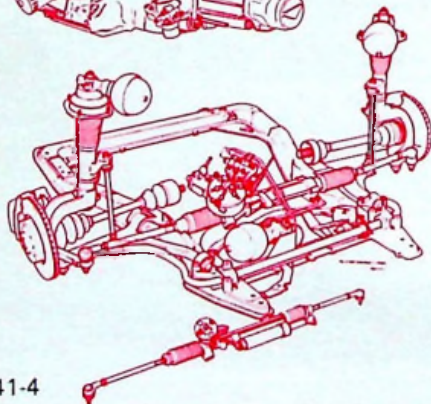
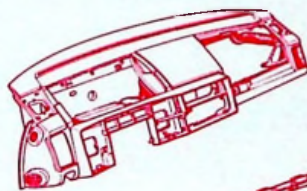
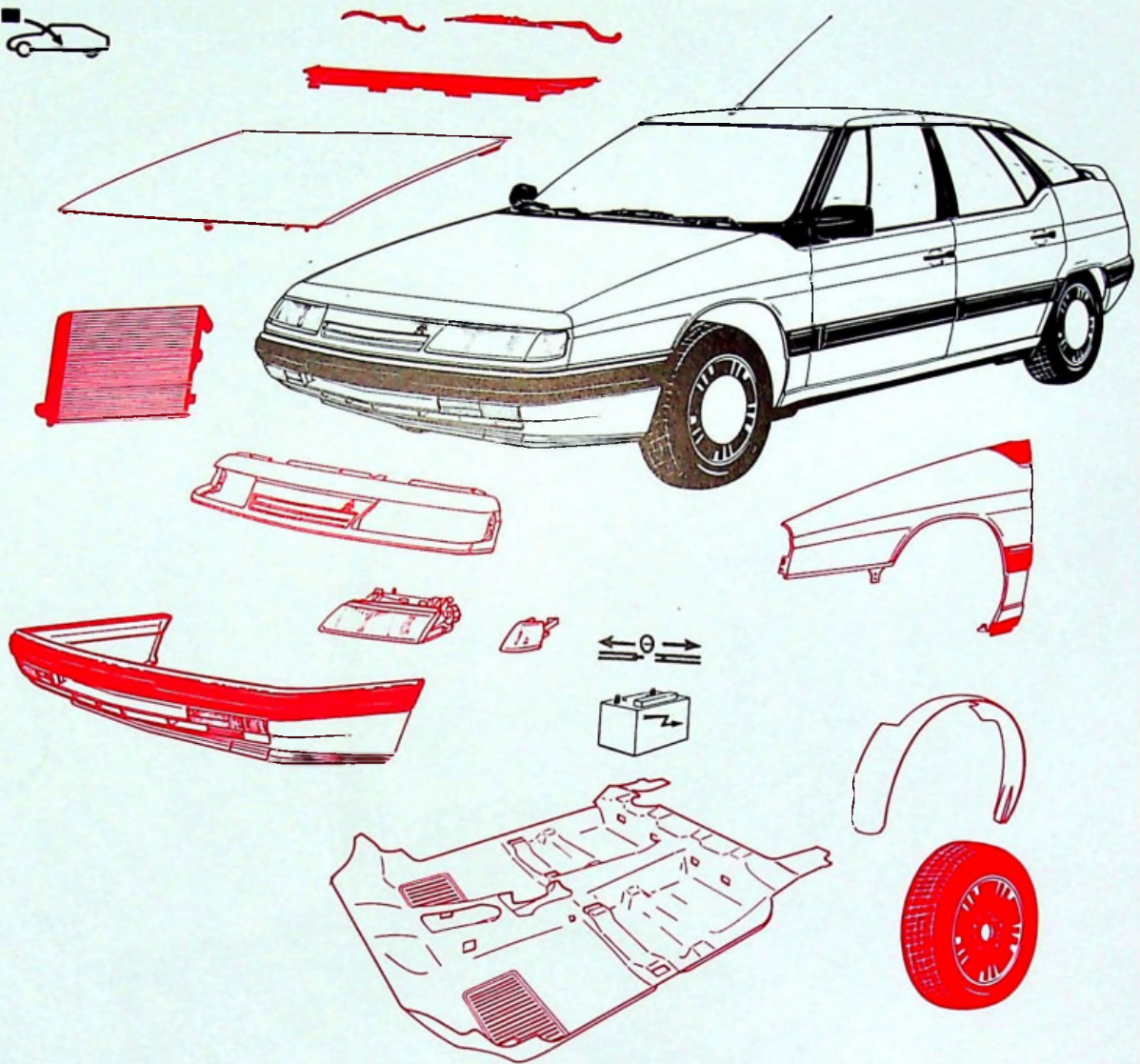
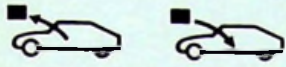
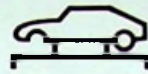
88-790



89-498



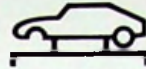
88-772



- Y.41-4
- Y.80-27
- Y.80.7a
- Y.10-4
- Y.80-28

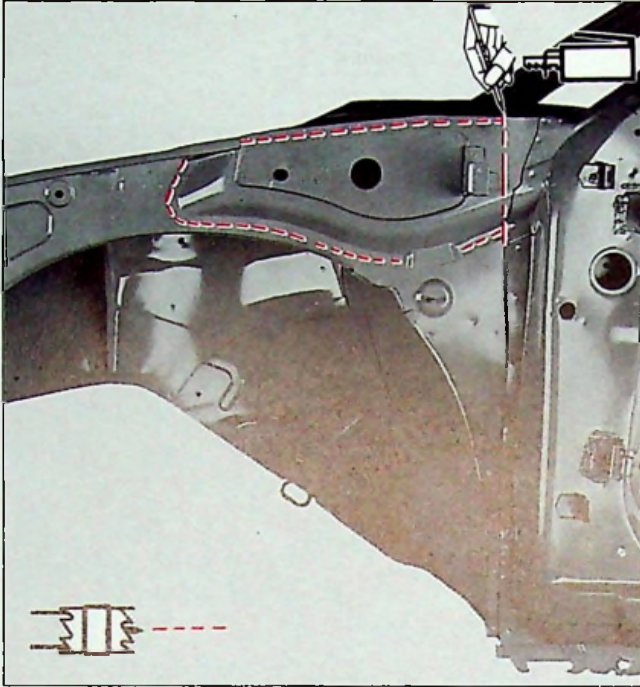


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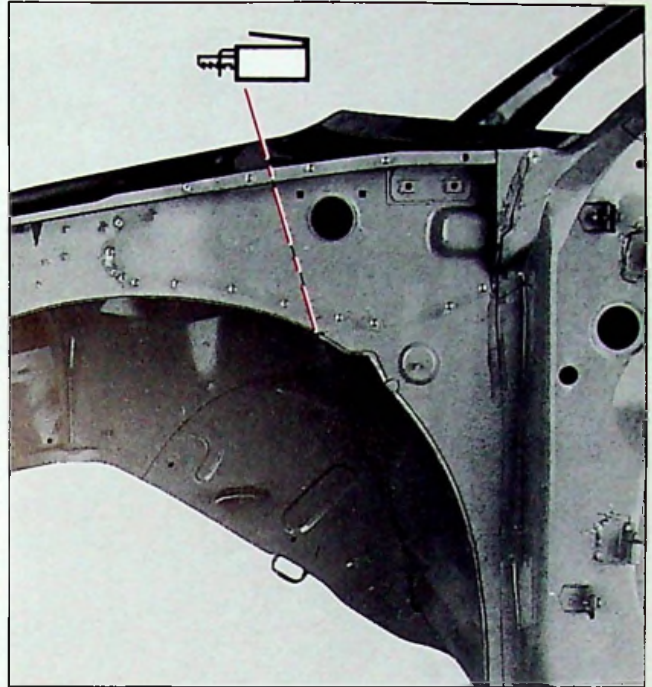


XM
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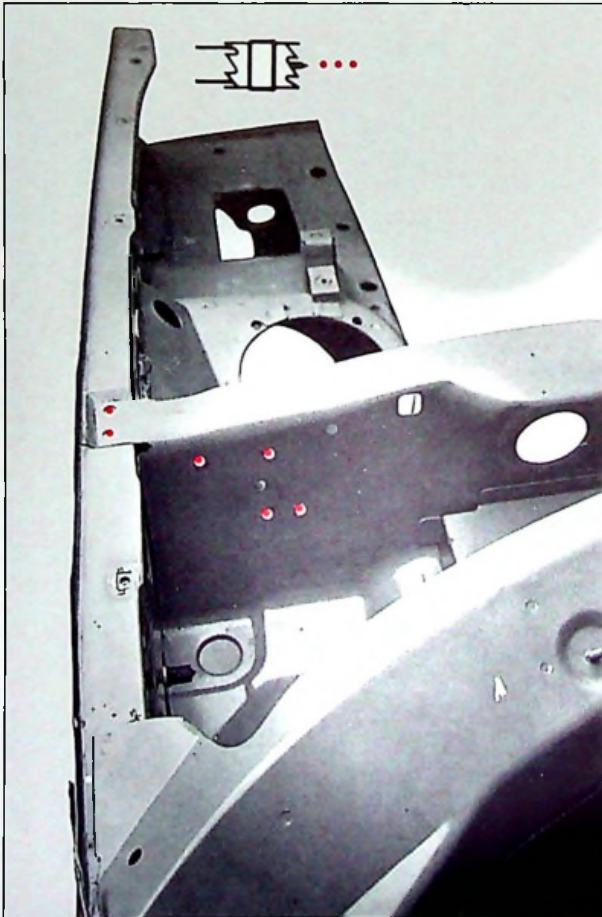
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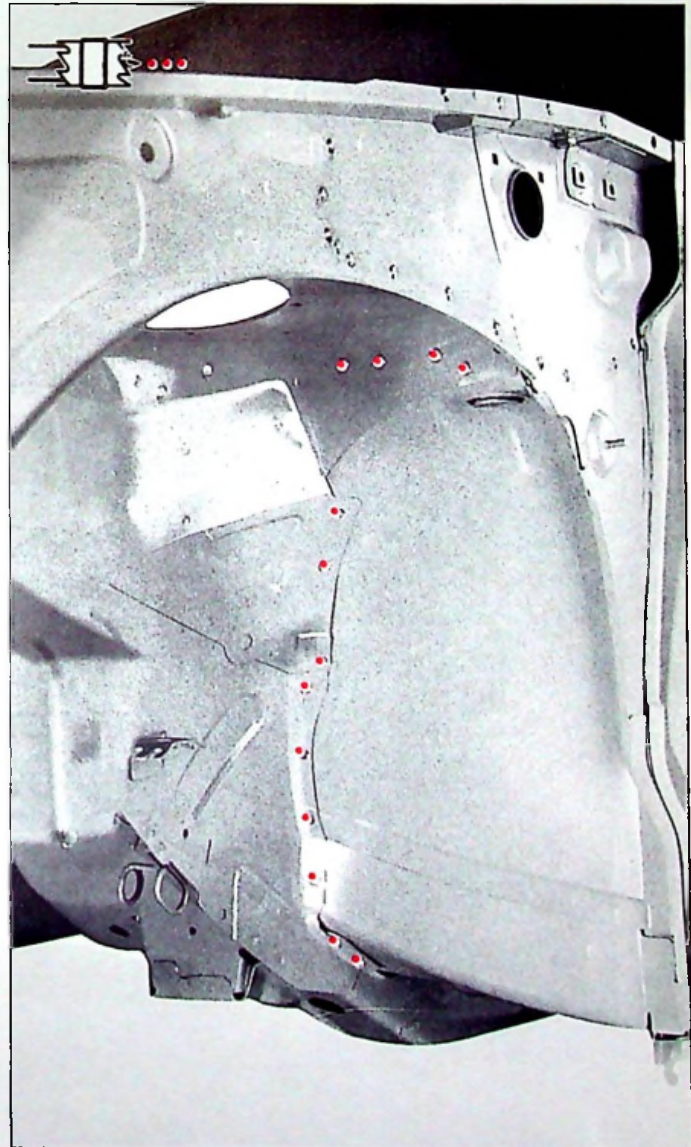
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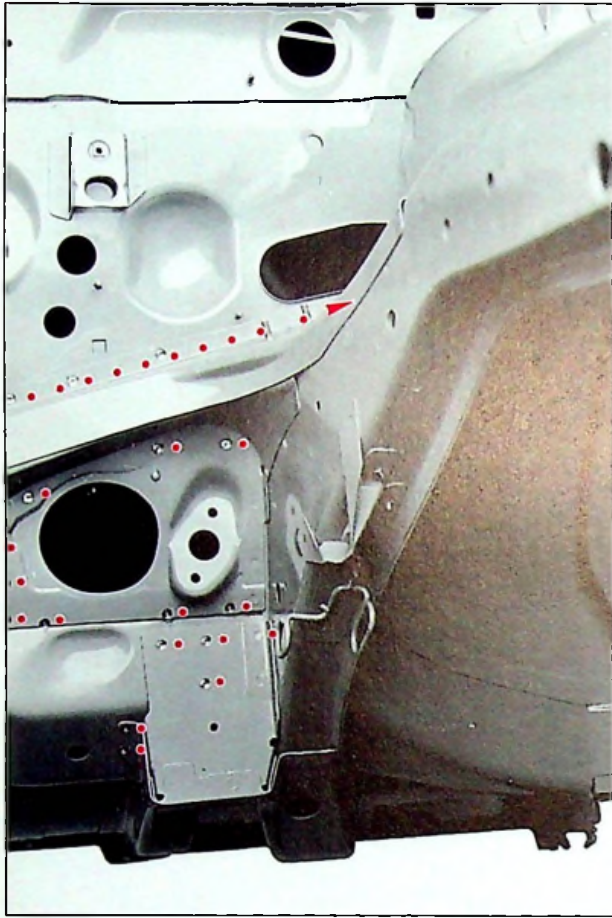
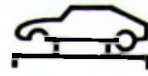
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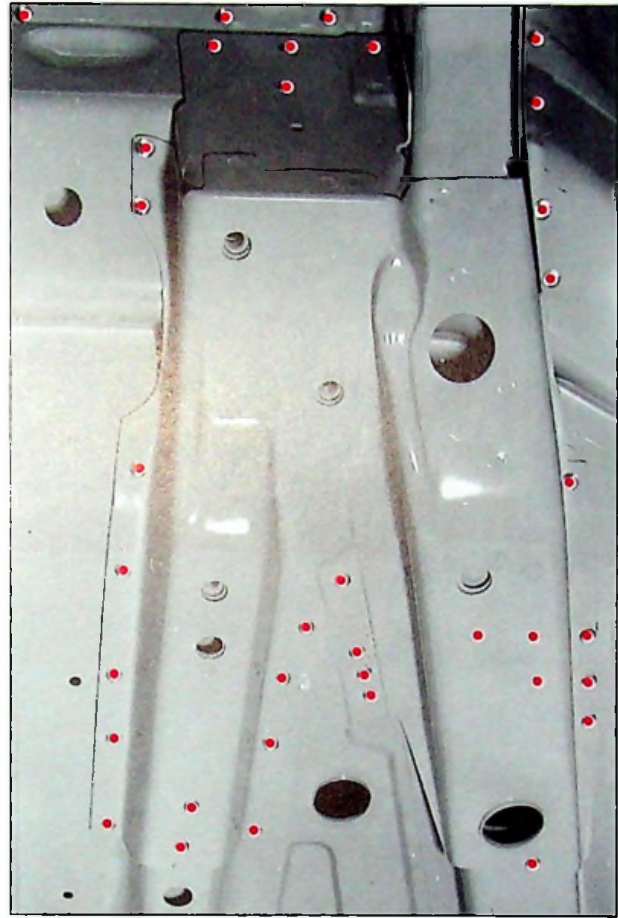
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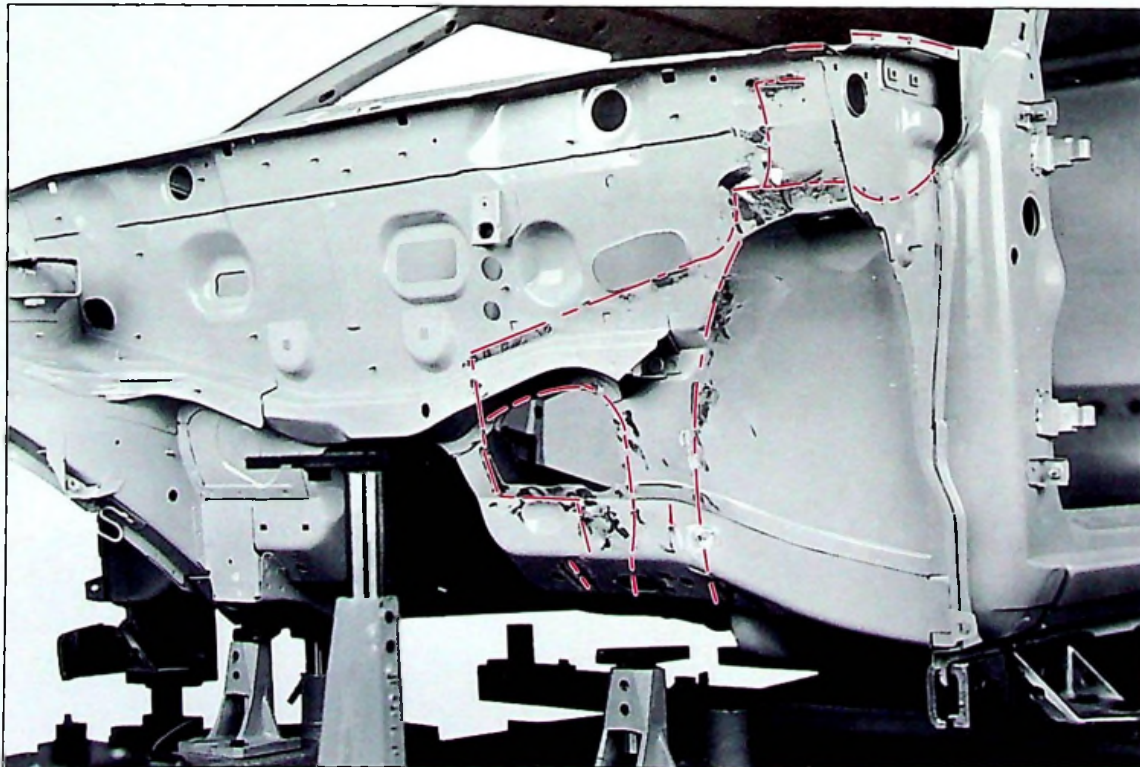
89-372



89-415



89-414



89-420

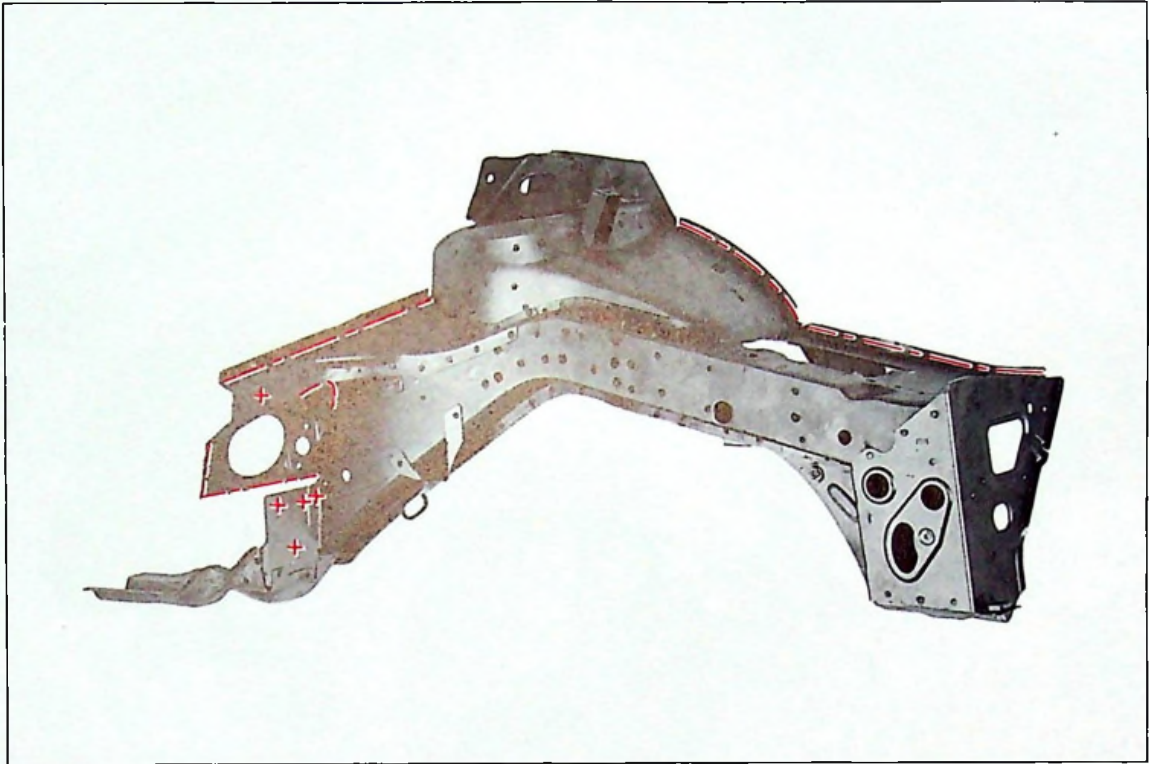


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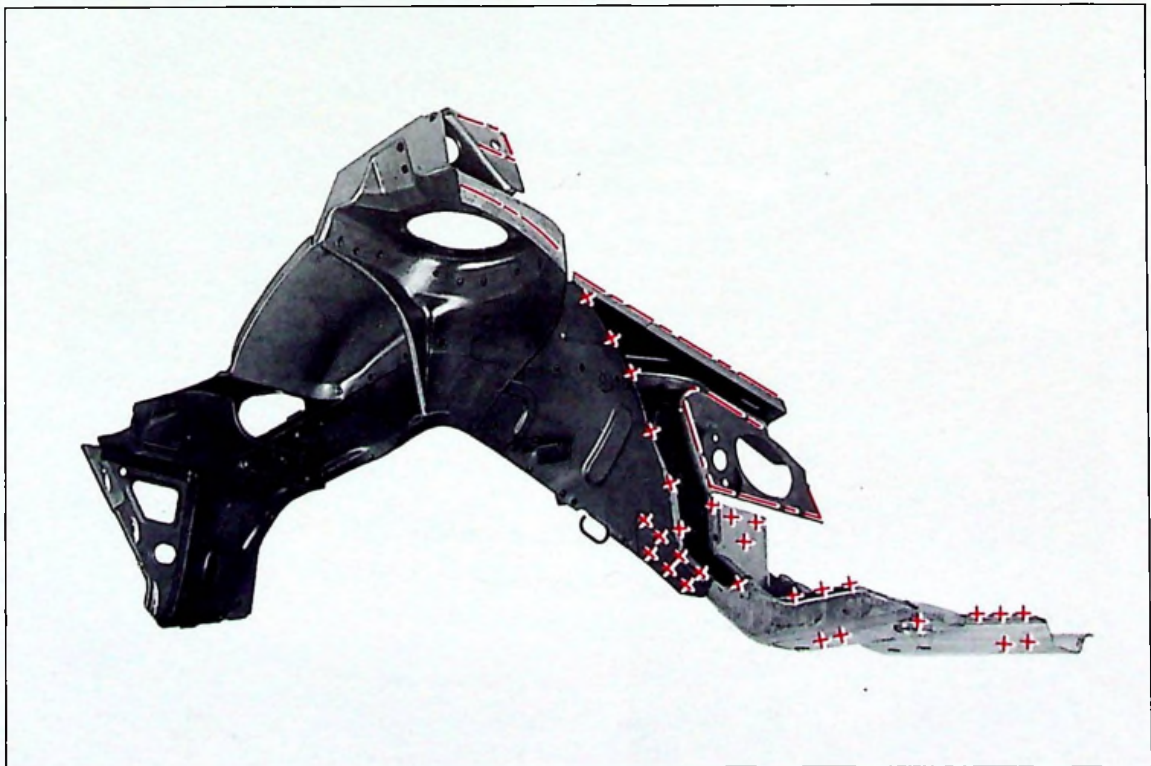


XM
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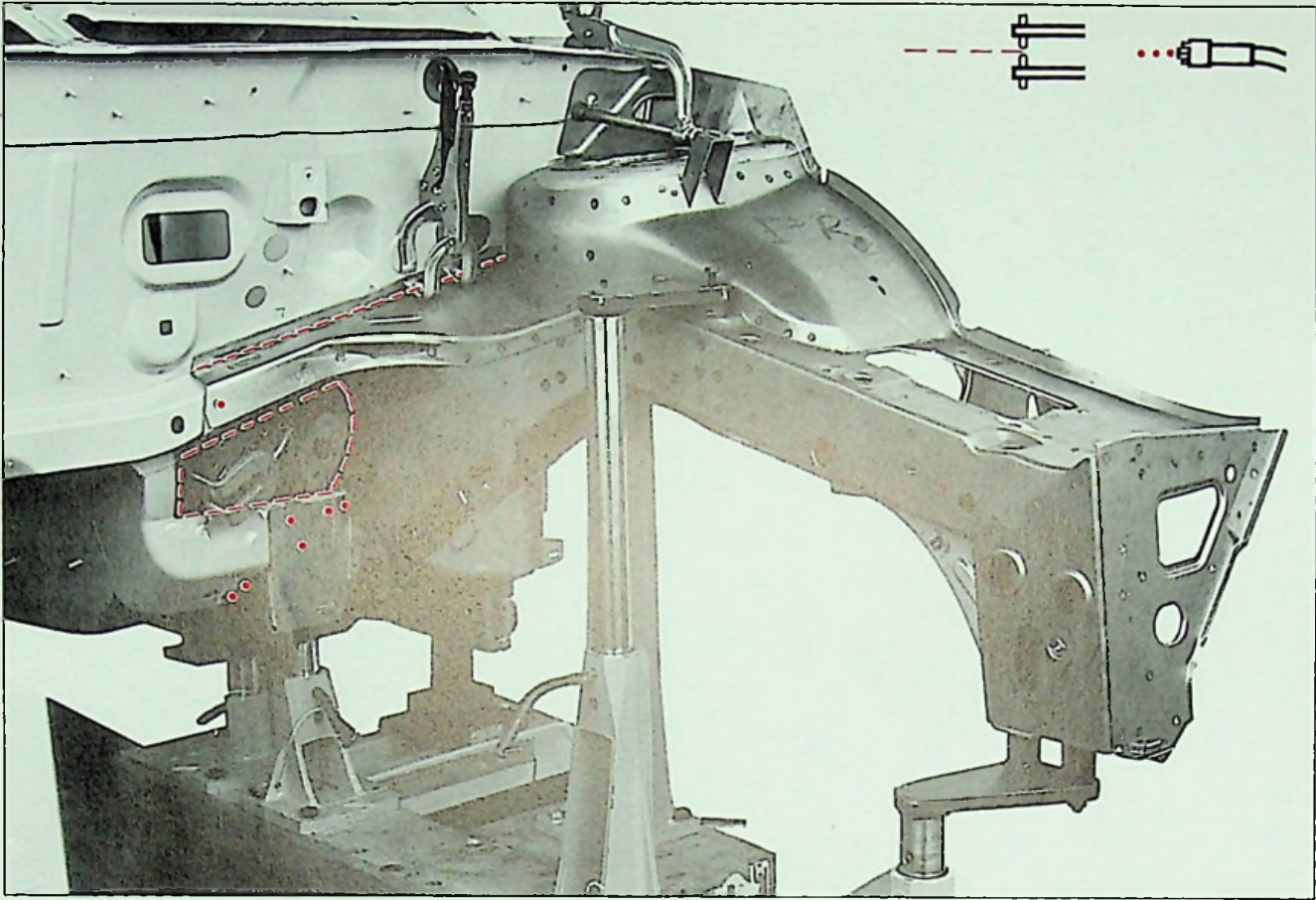
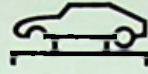
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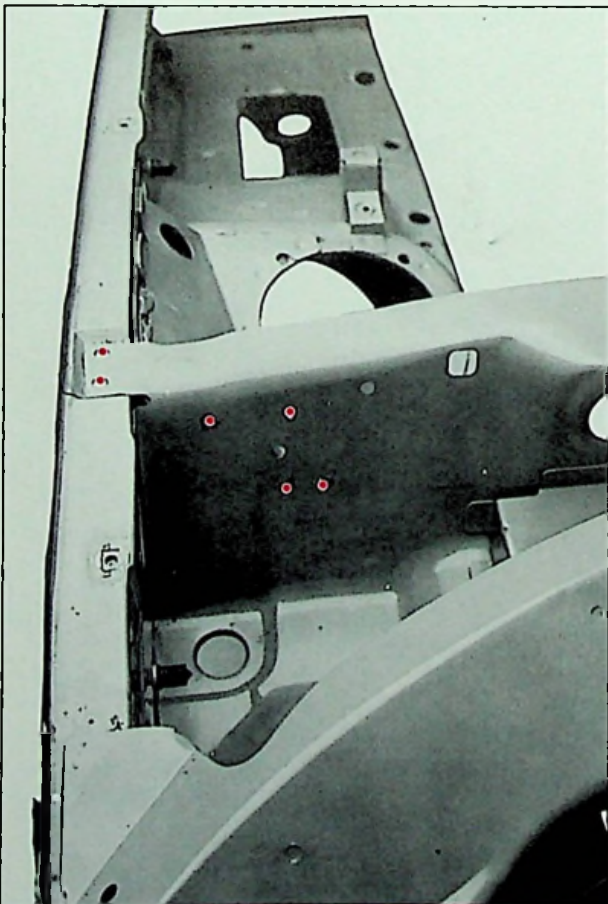
88-790



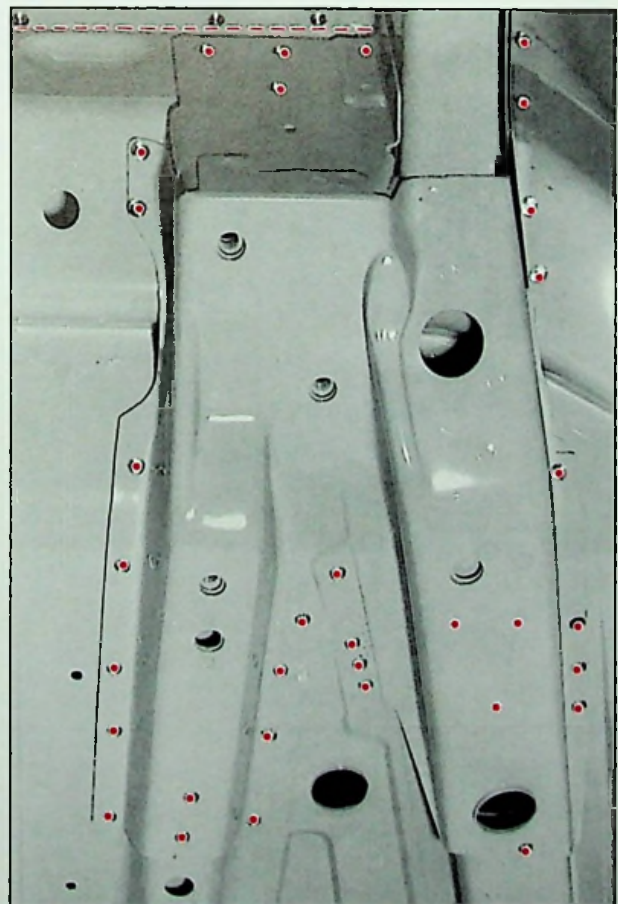
88-788



89-419



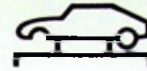
89-416



89-414

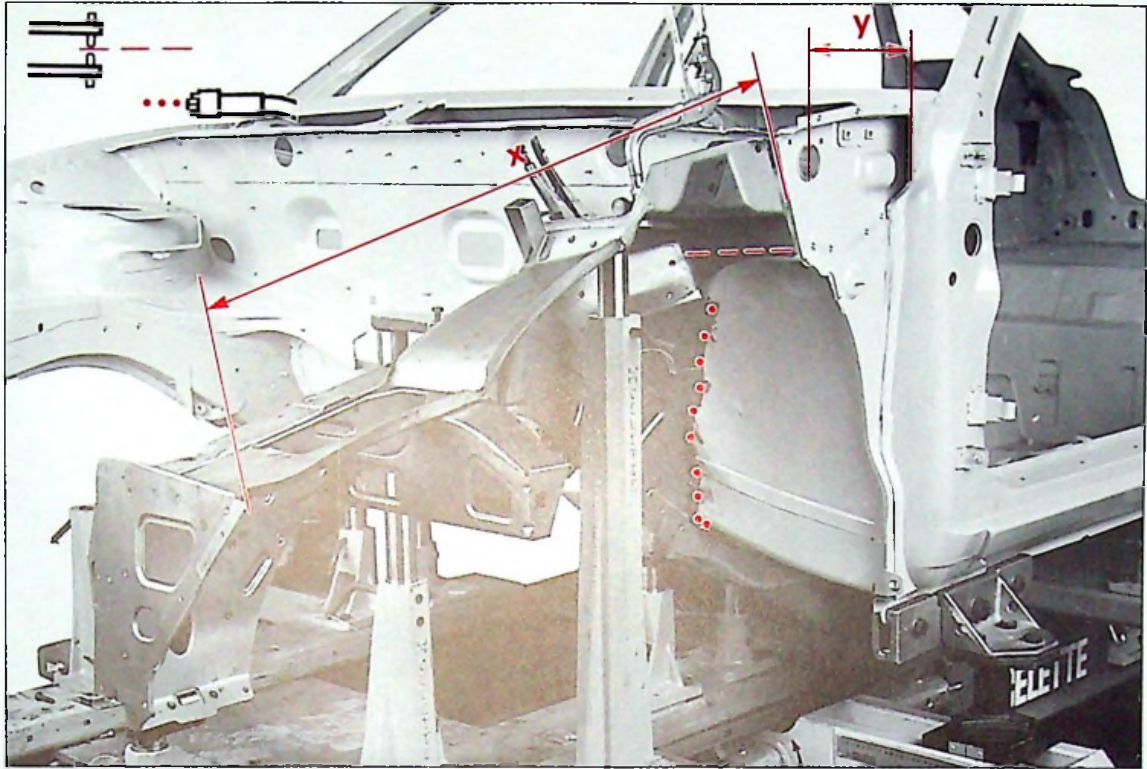


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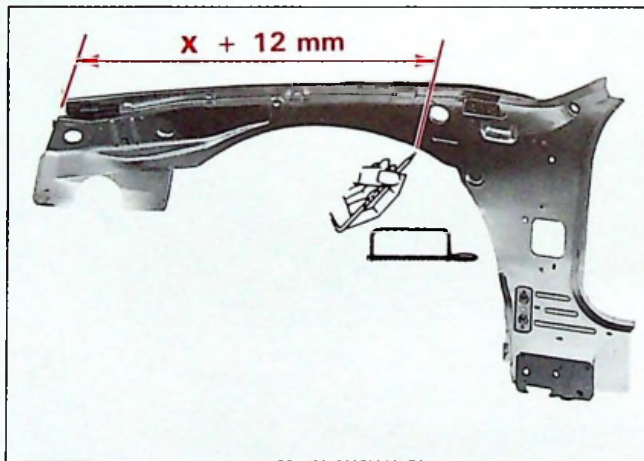


XM
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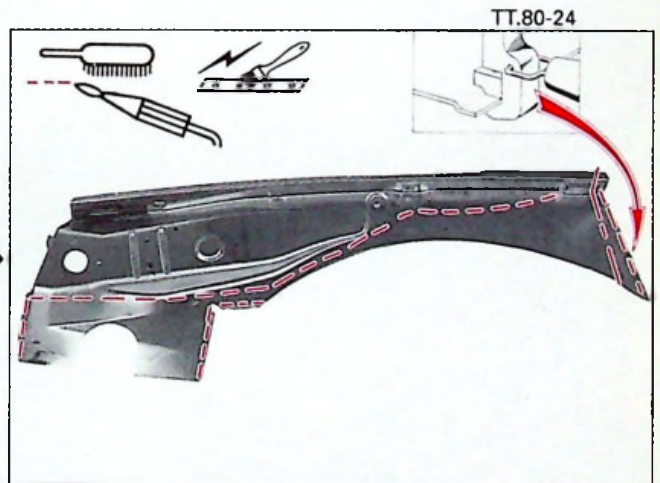
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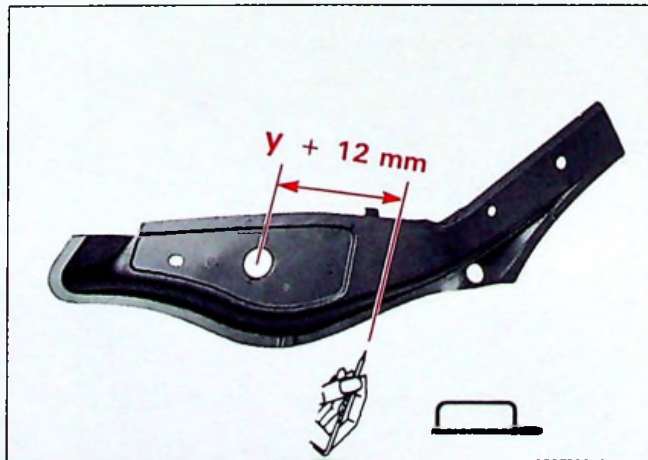
89-421



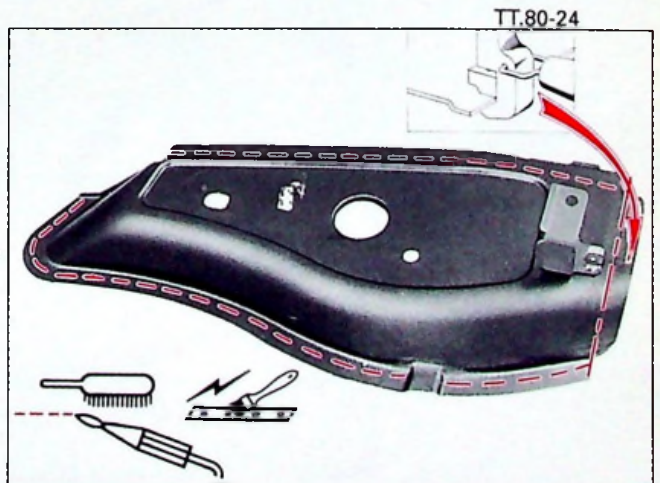
89-498



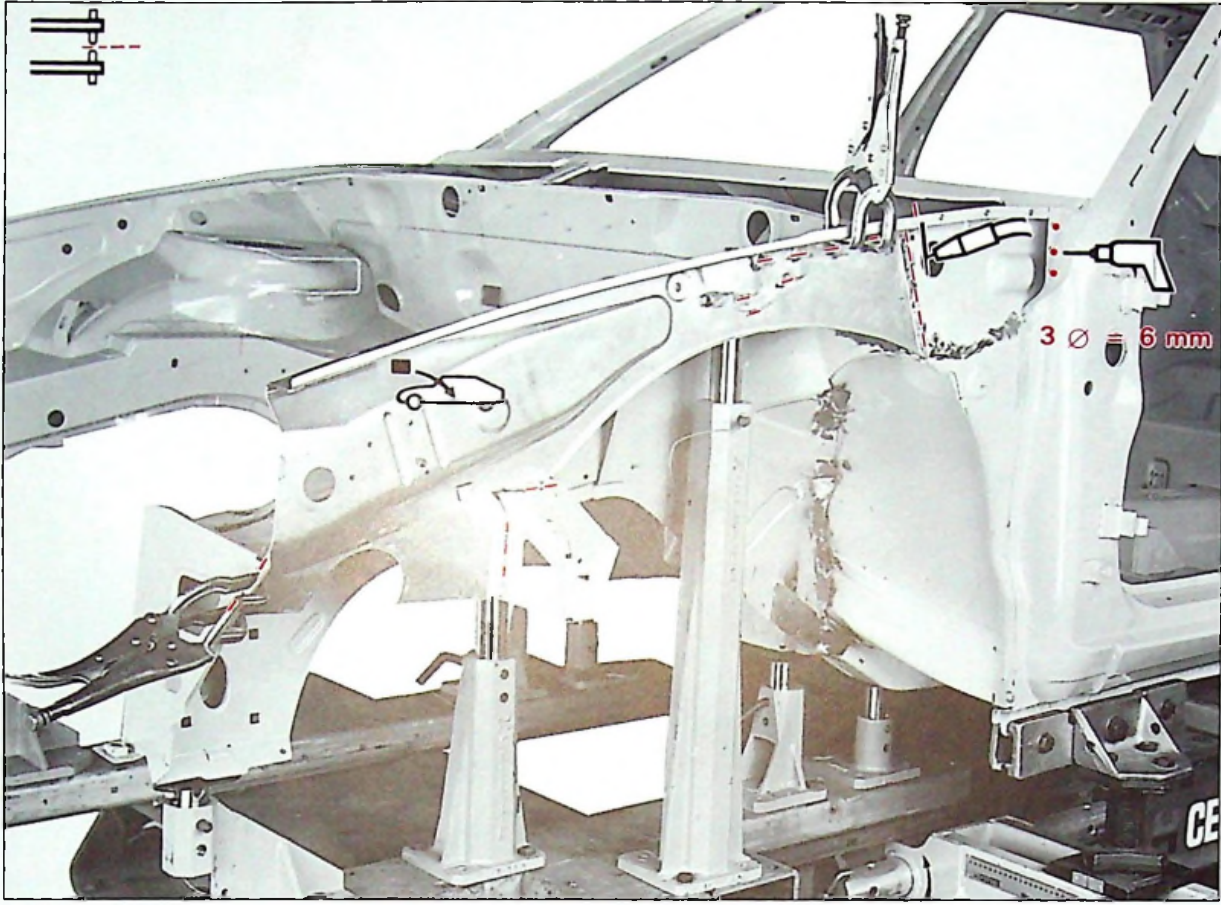
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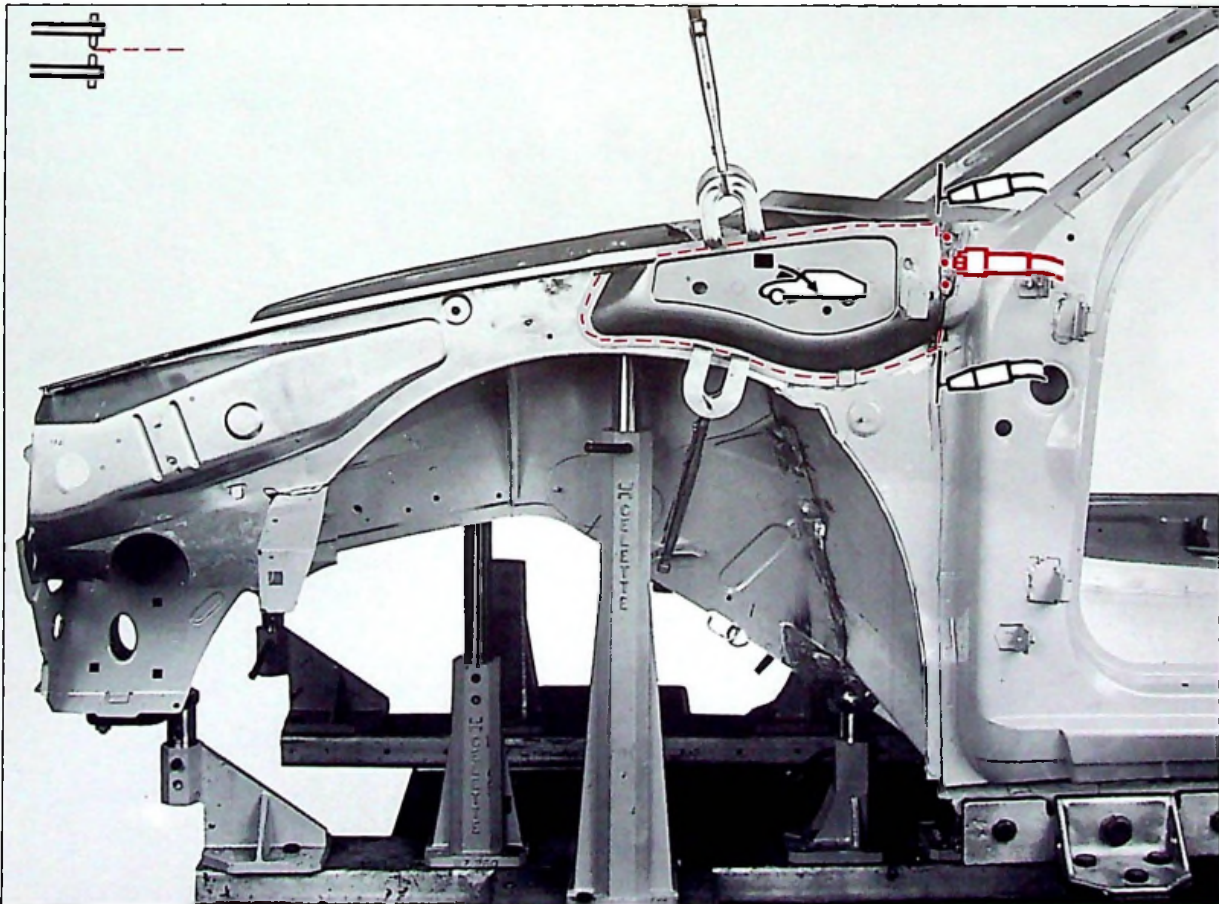
88-772



89-367



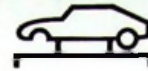
89-530



89-531

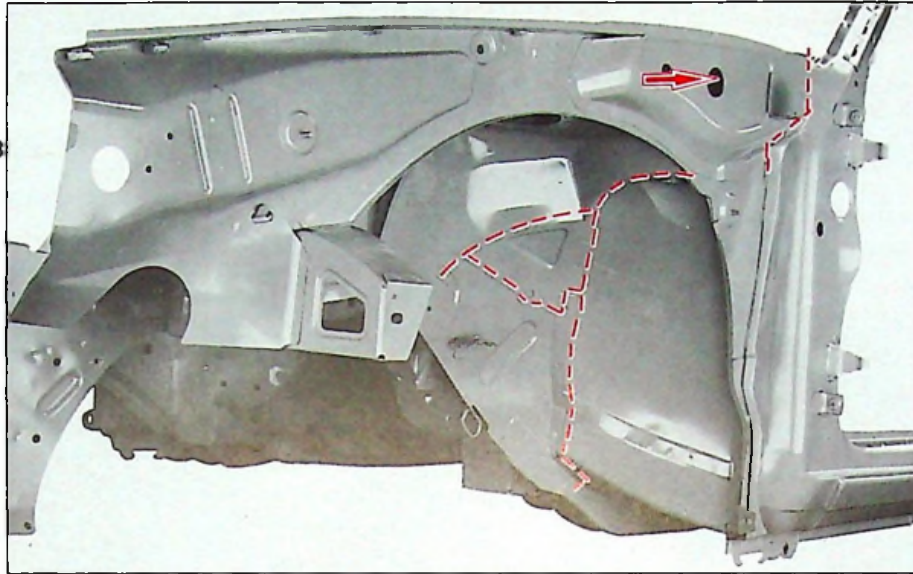
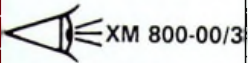


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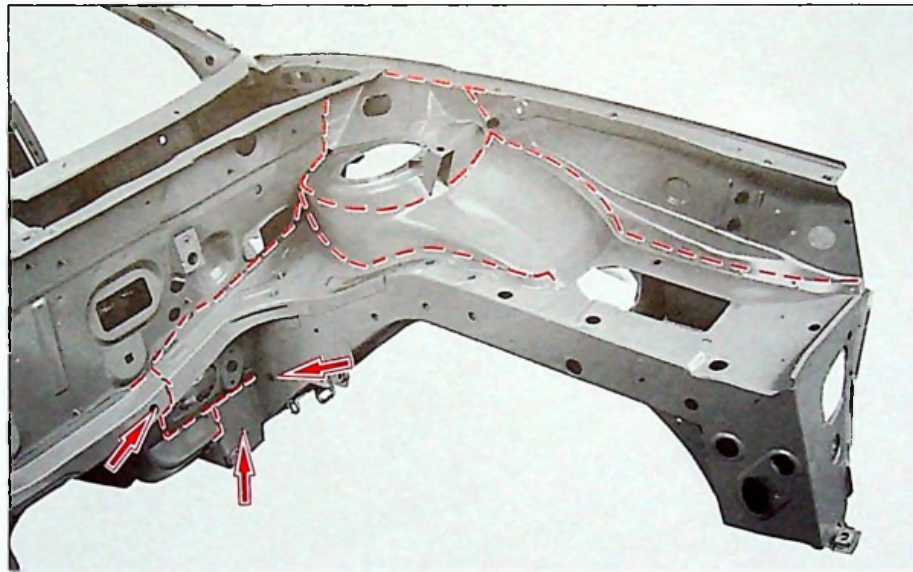


XM
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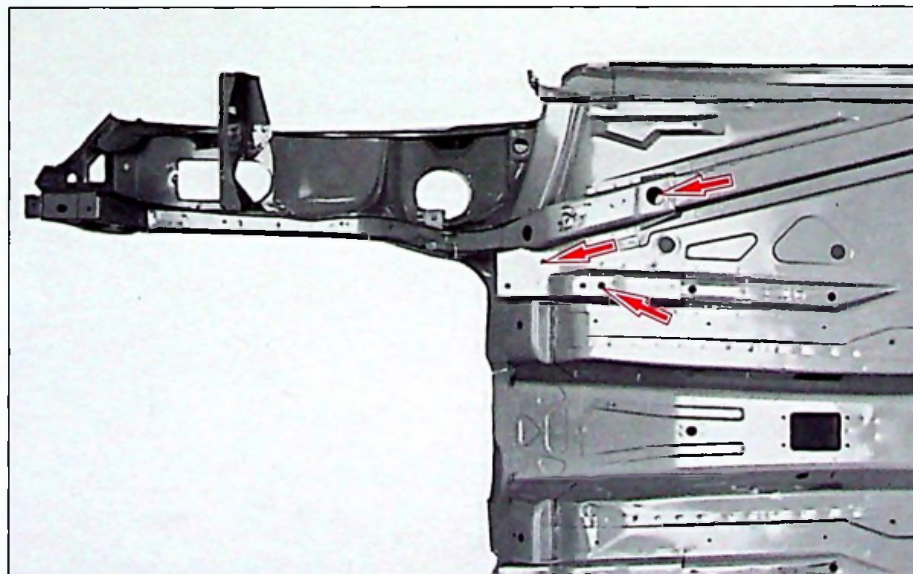
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88-364



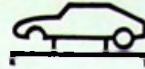
88-361



88-374

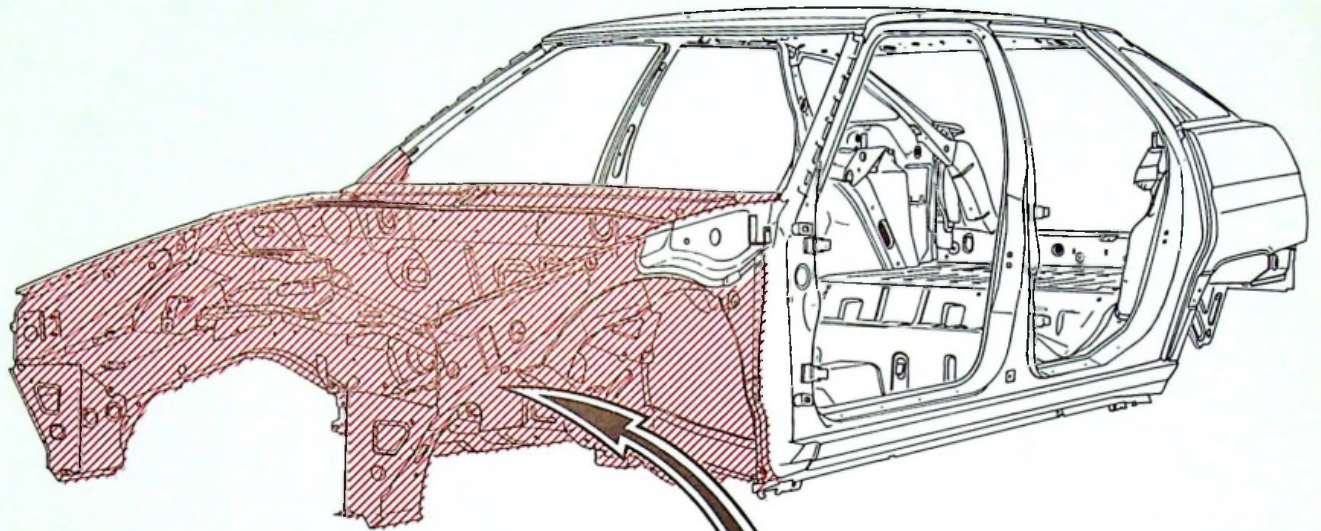


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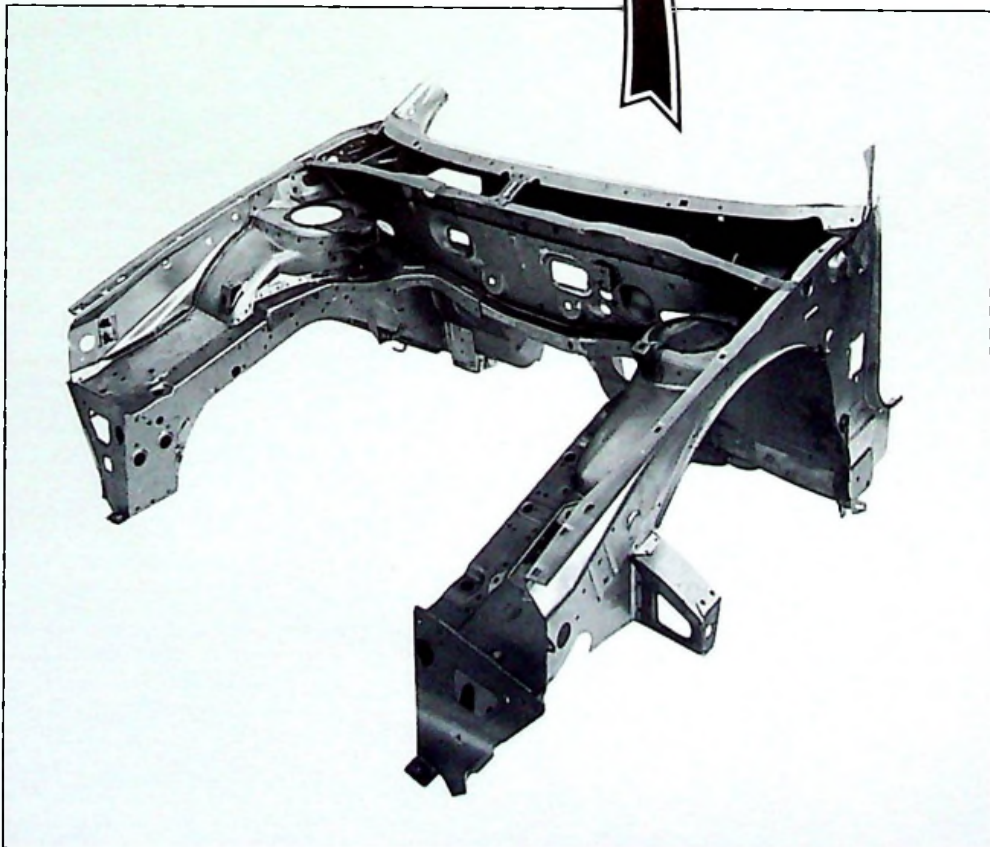


XM
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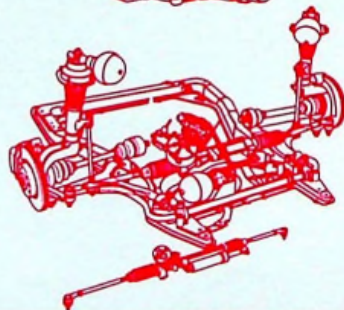
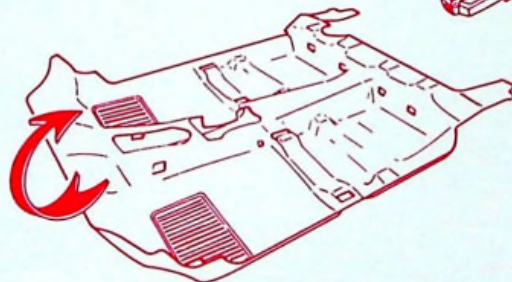
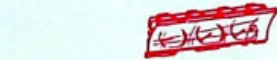
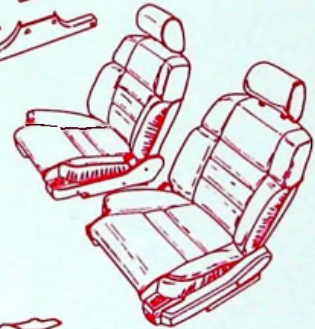
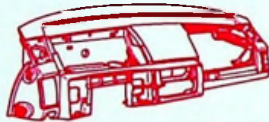
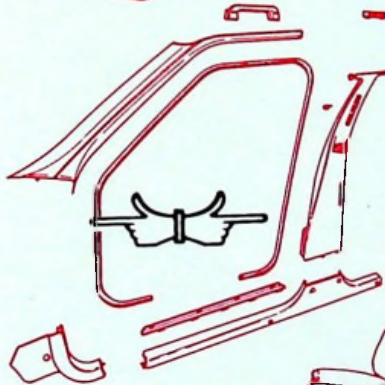
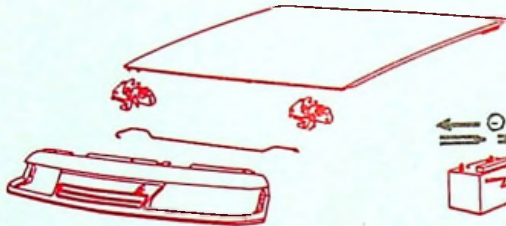
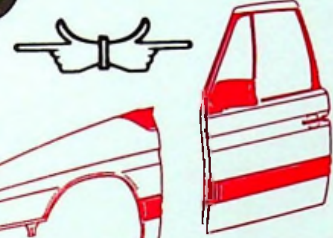
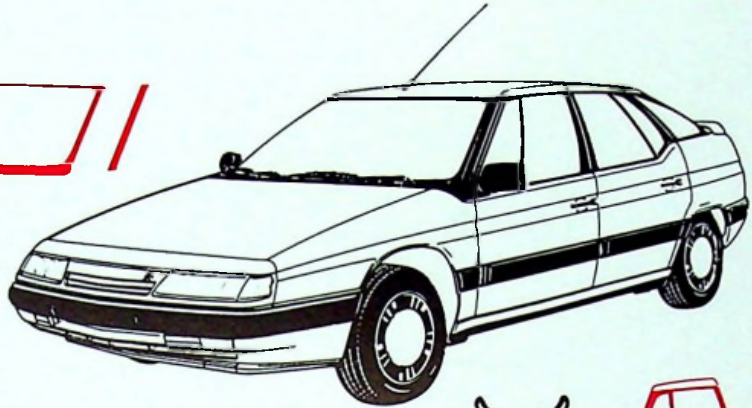
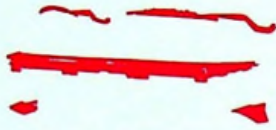
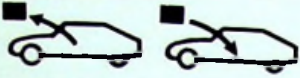
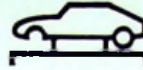
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Y.80-1



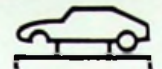
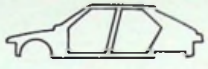
90 - 11



- Y.10-4
- Y.41-4
- Y.80-7a
- Y.80-8
- Y.80-23
- Y.80-24
- Y.80-27
- Y.80-28

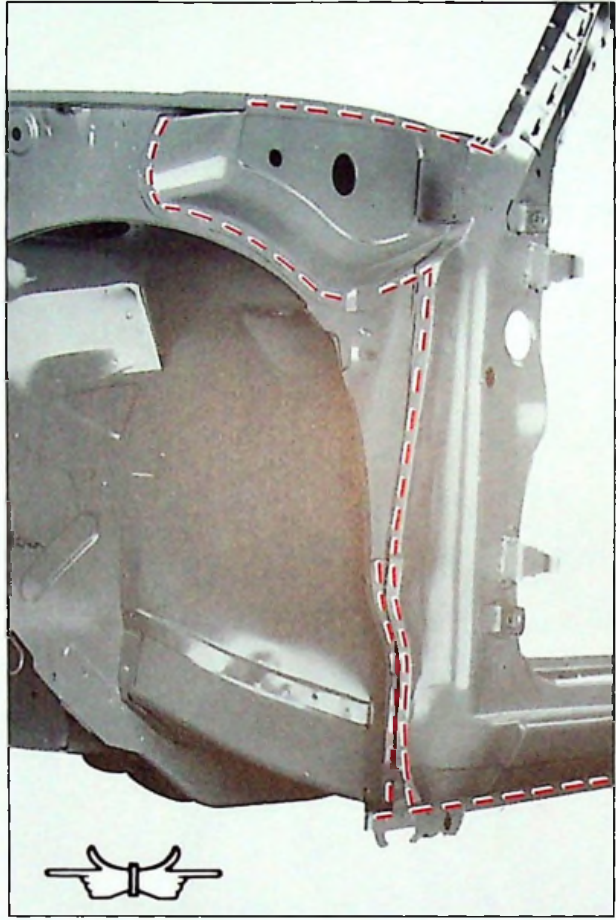


14

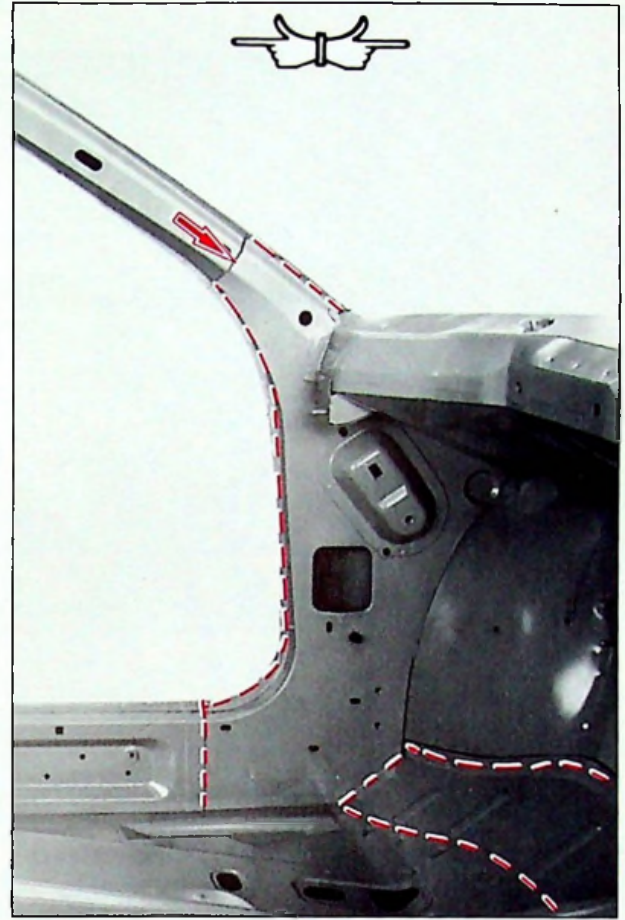


XM
801-3/6

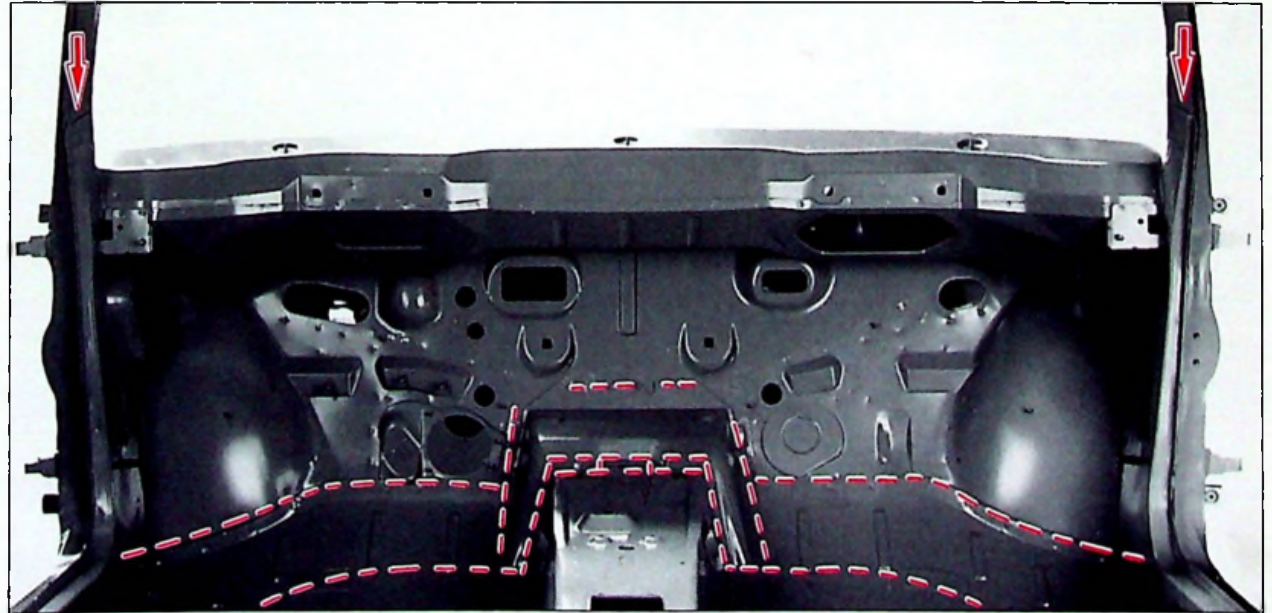
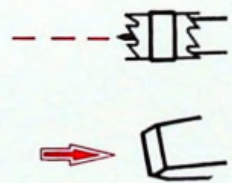
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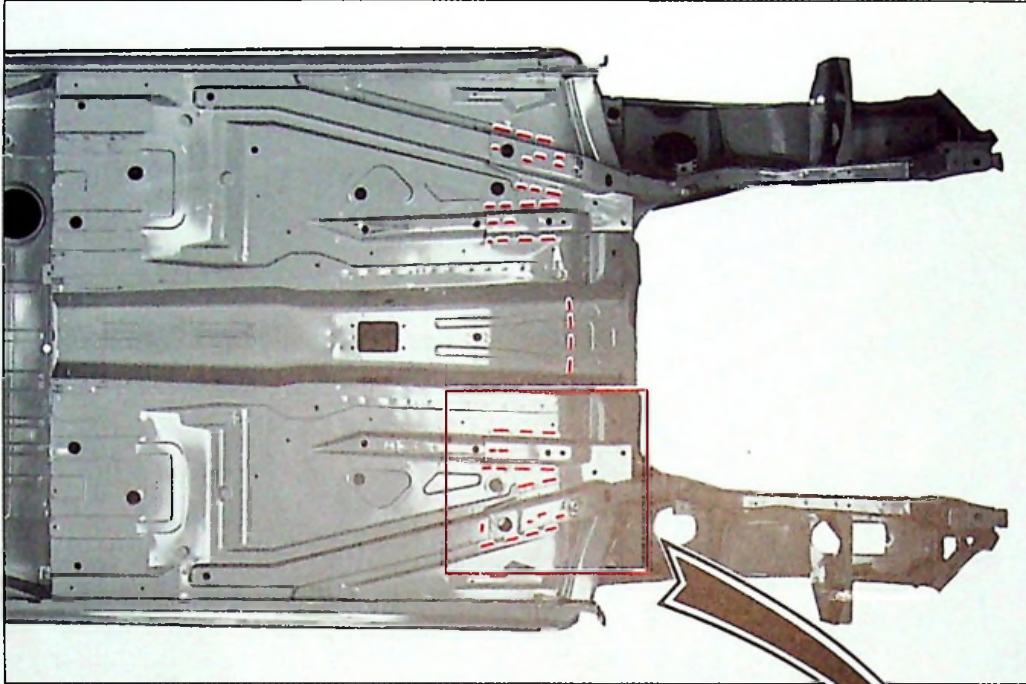
88-364



88-379



88-380



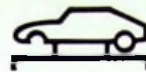
88-374



89-414

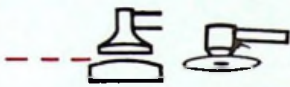


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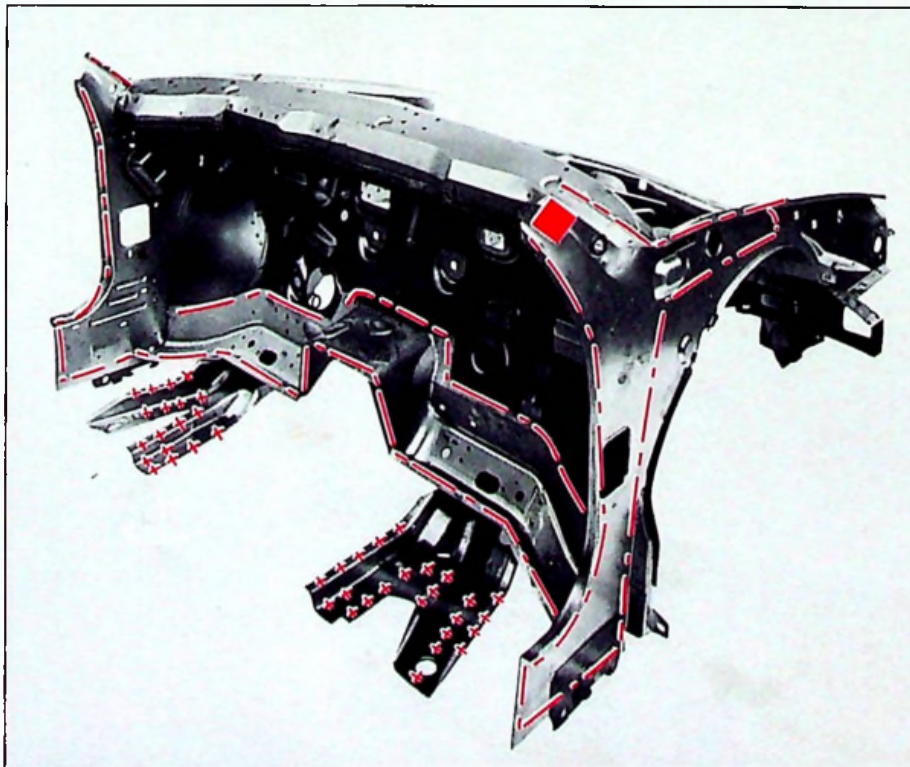


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5



90-69

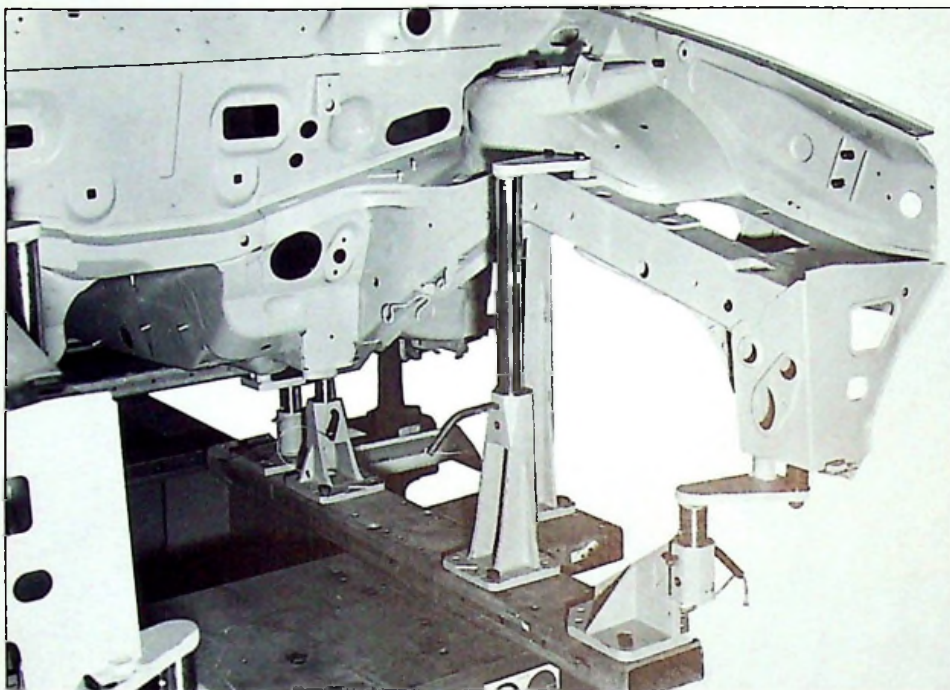
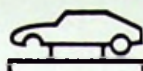


90-10

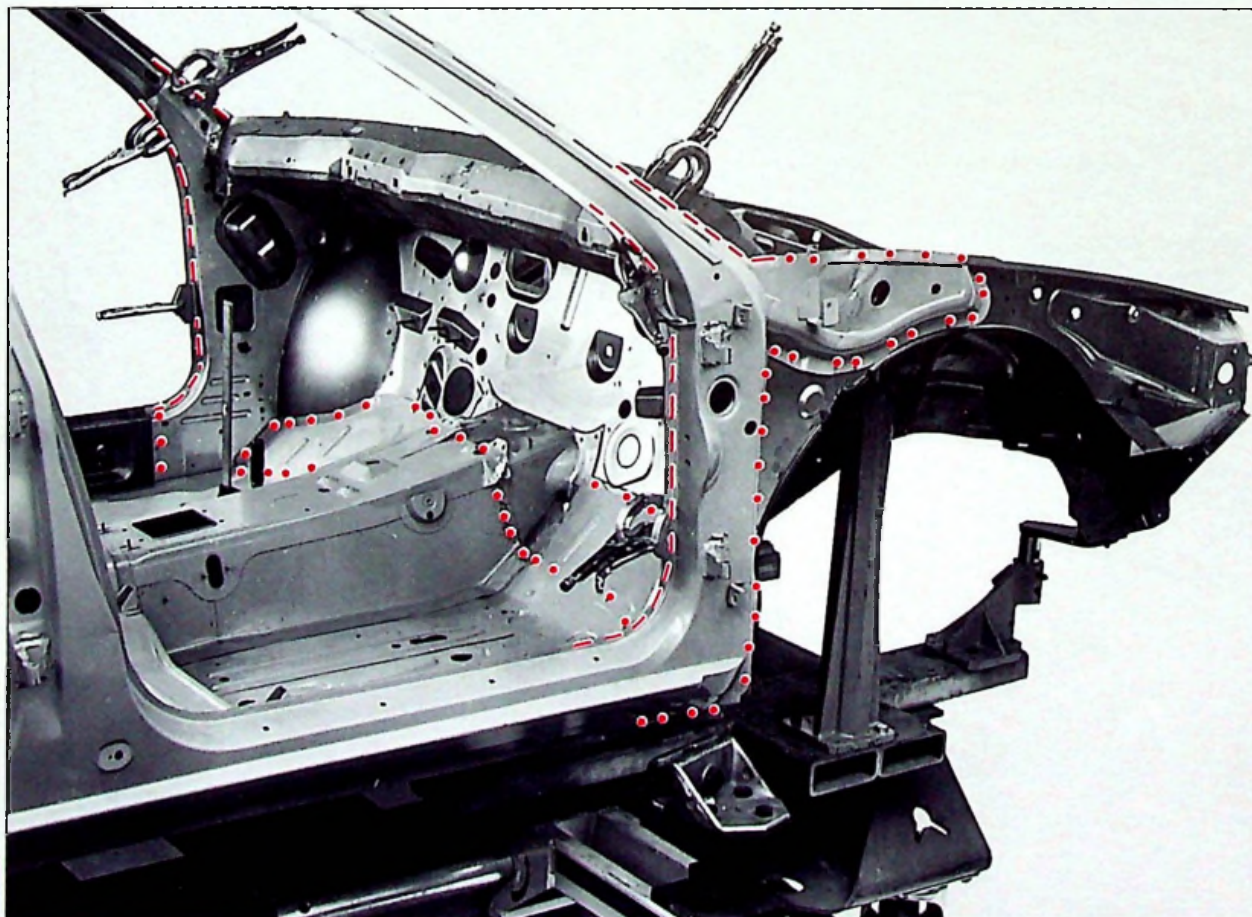
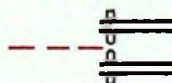
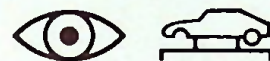
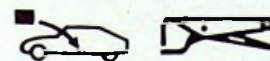


+++  Ø = 8 mm

  B8



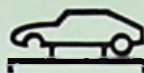
88-649



90-86

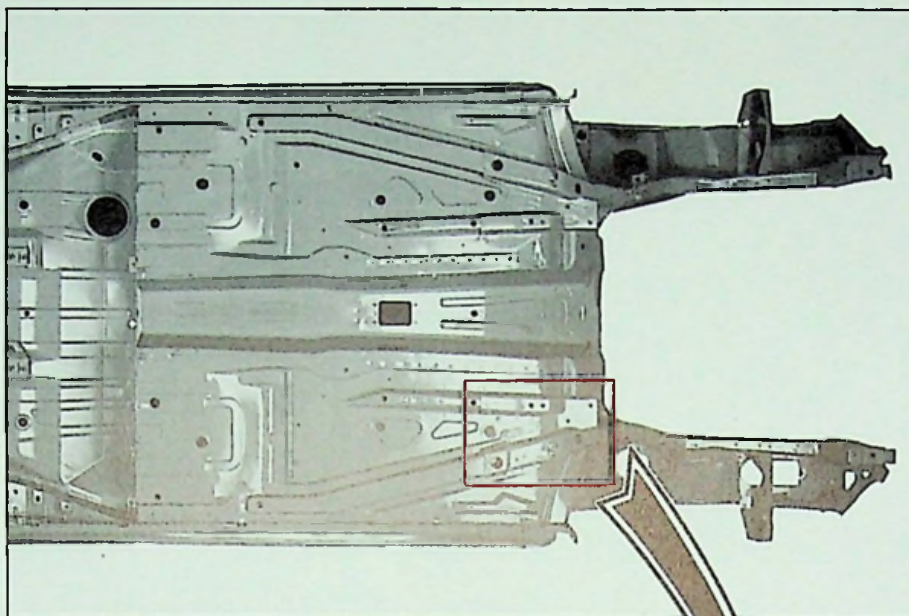


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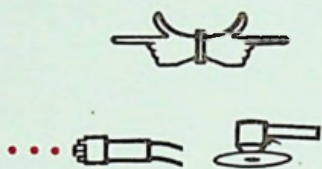


XM
801-3/6

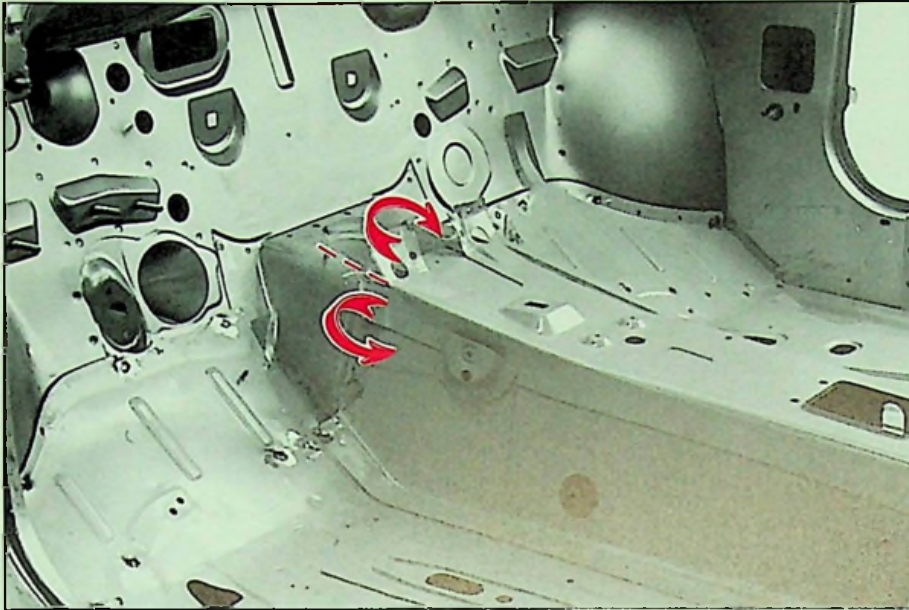
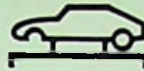
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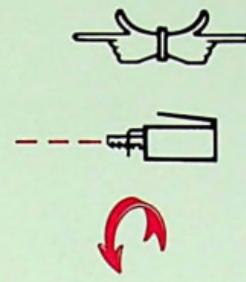
88-374

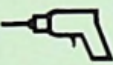


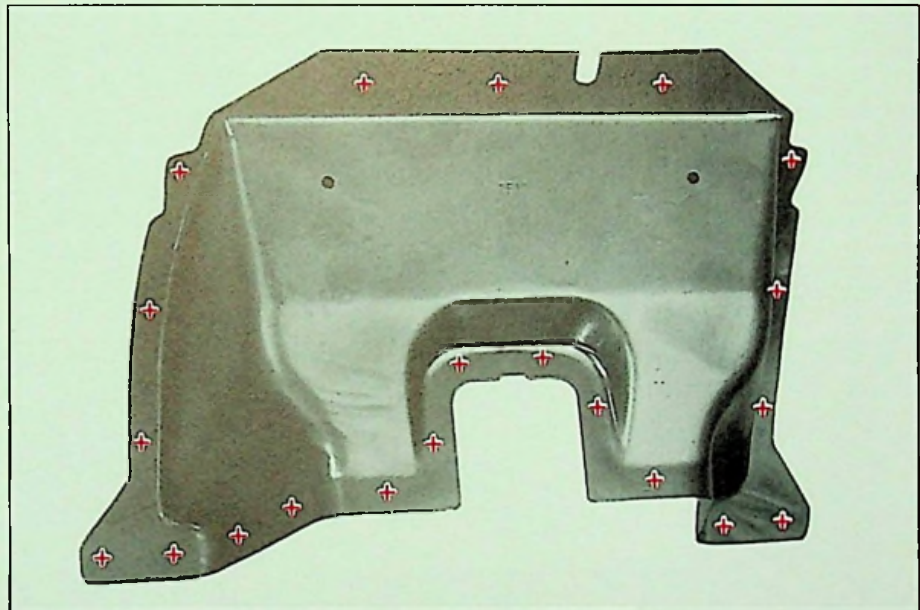
89-414



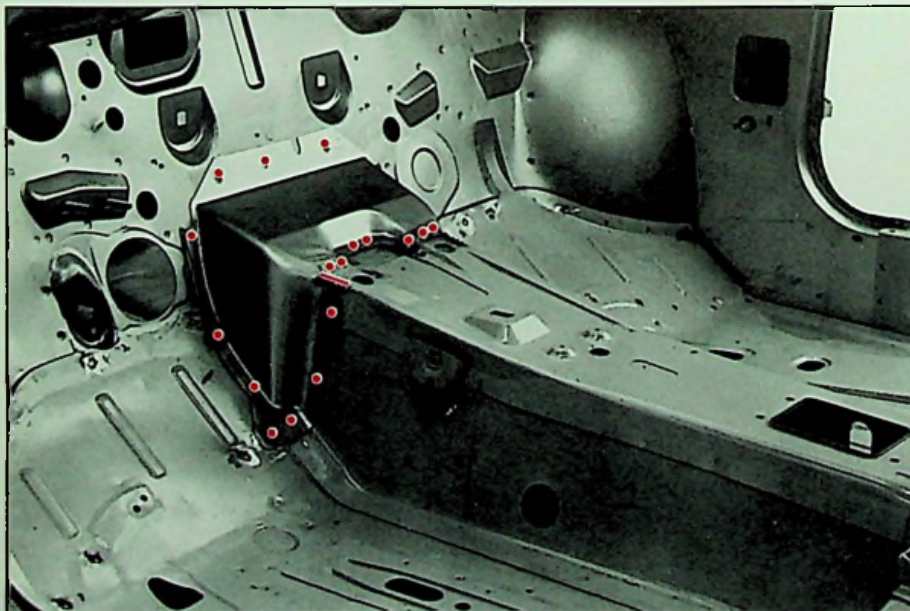
90-173



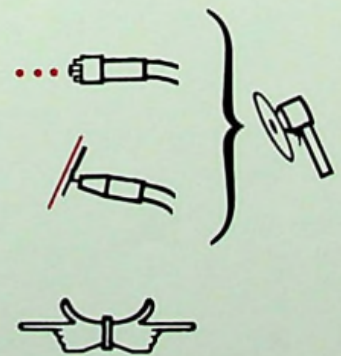
+++  Ø = 8 mm



90-174



90-172



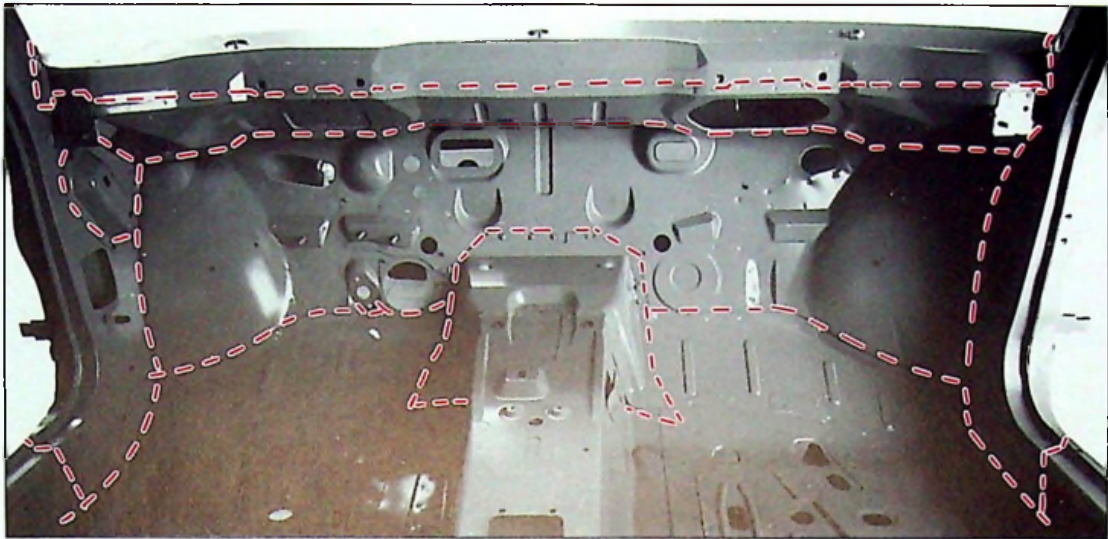


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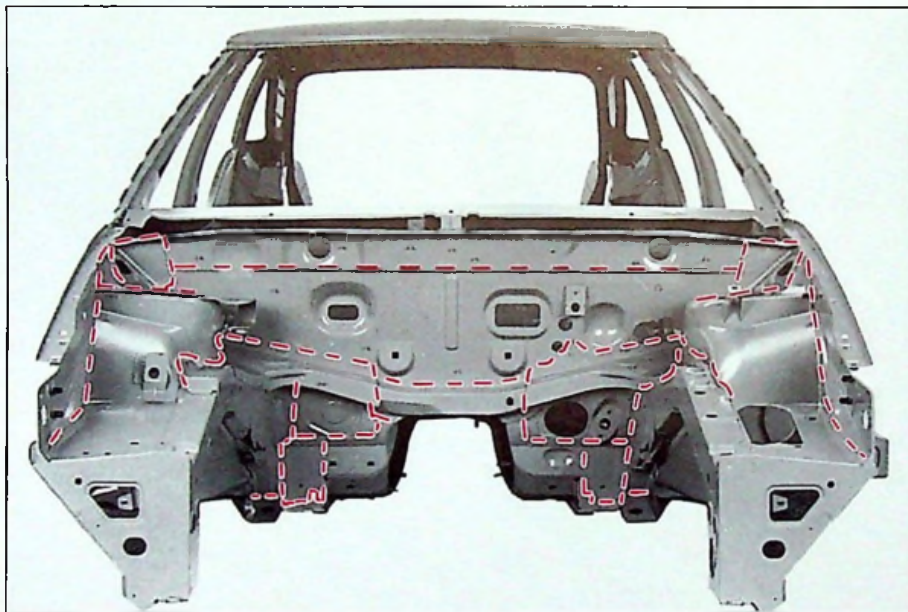


XM
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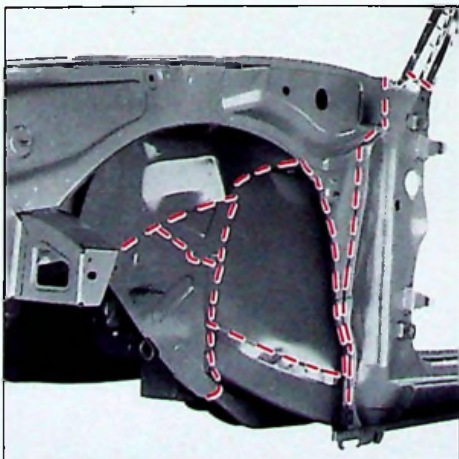
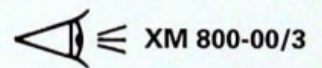
9



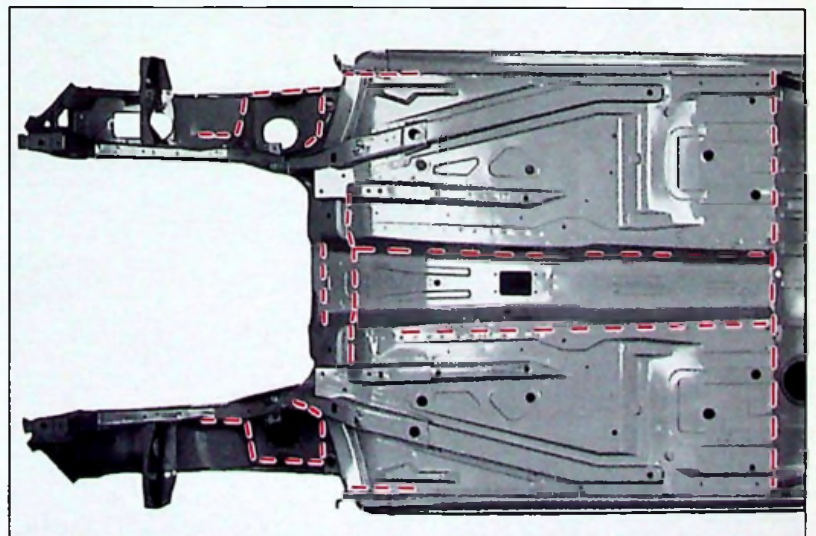
88-371



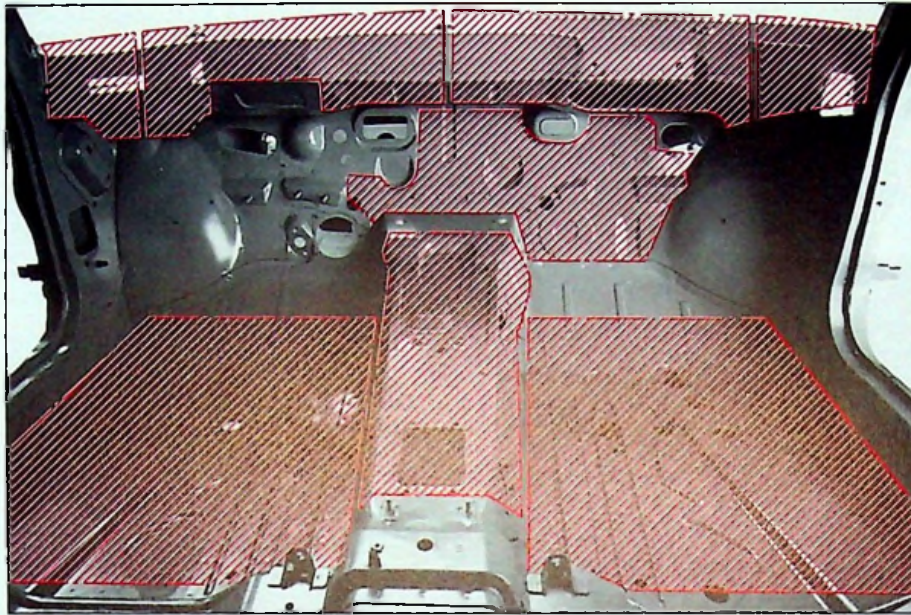
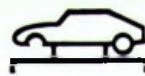
88-362



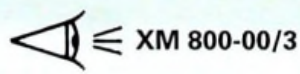
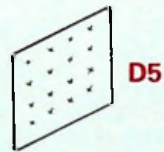
88-364



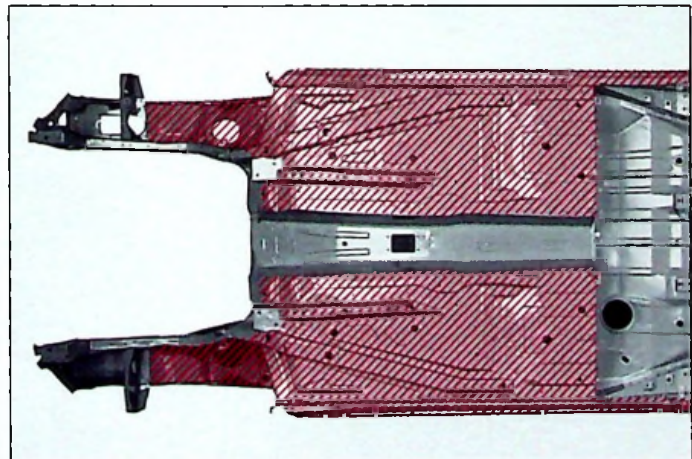
88-374



88-371



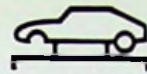
88-362



88-374



14

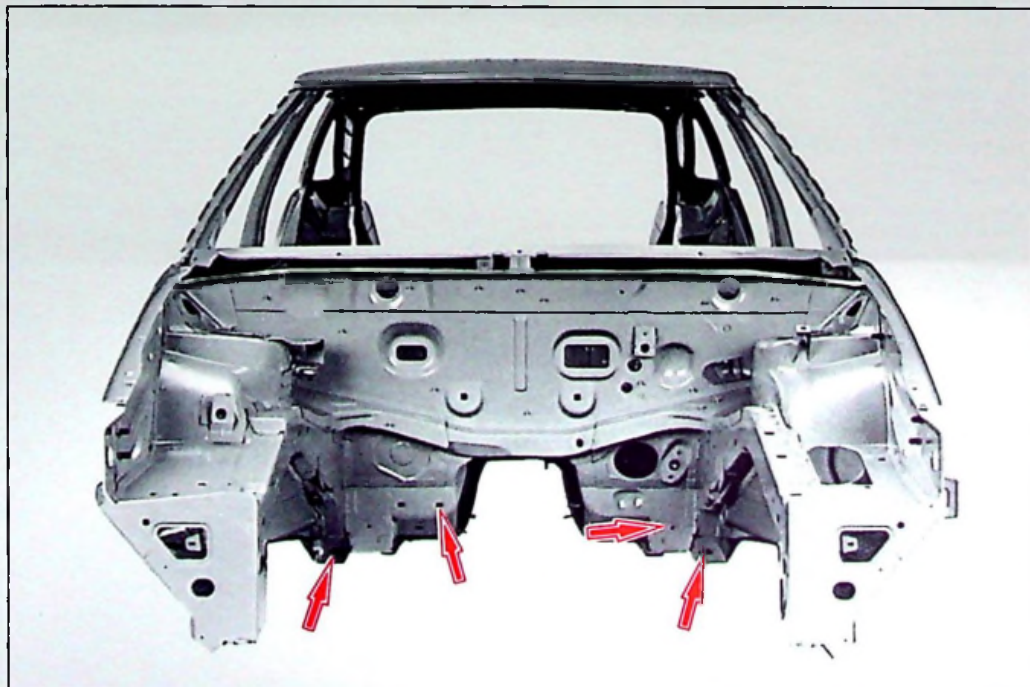
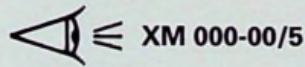


XM
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11



88-381



88-362

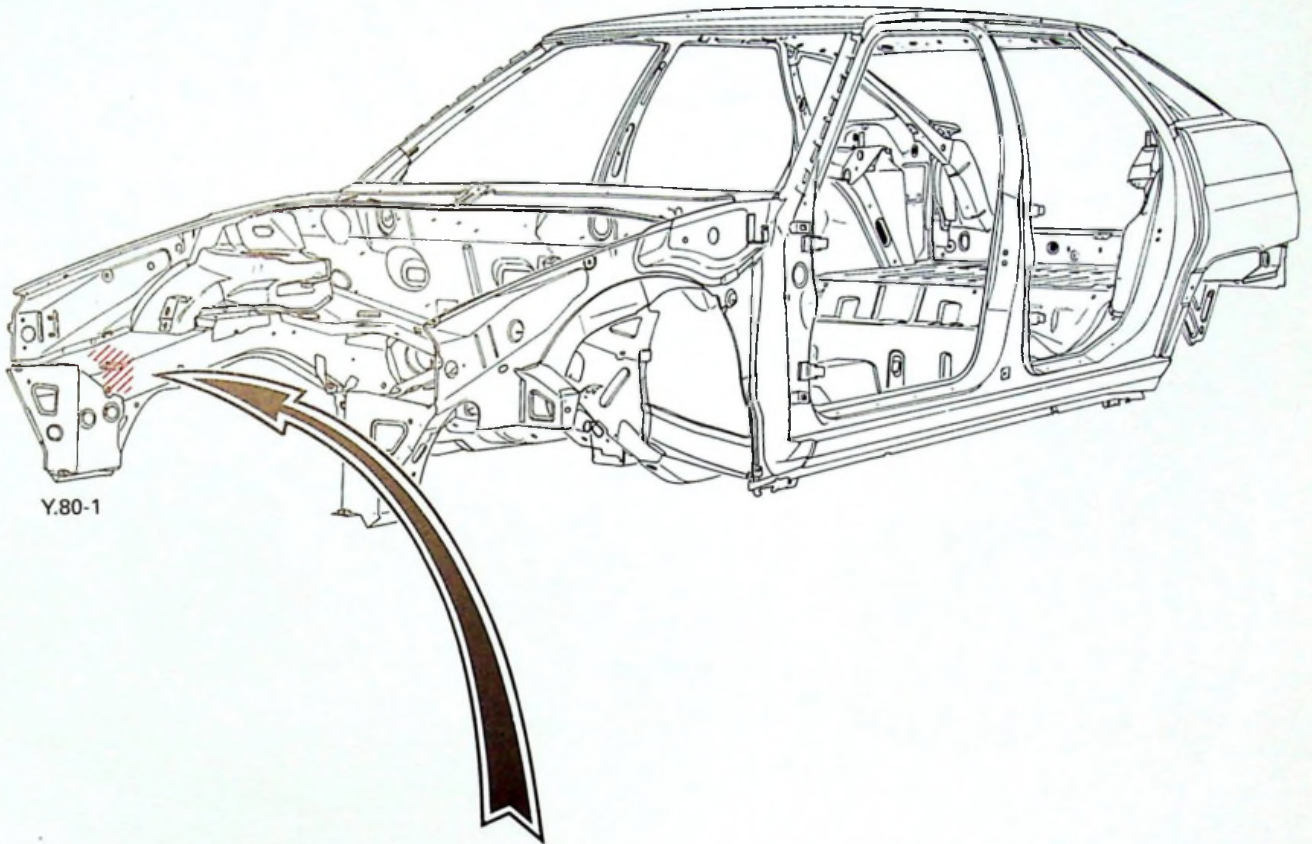


14



XM
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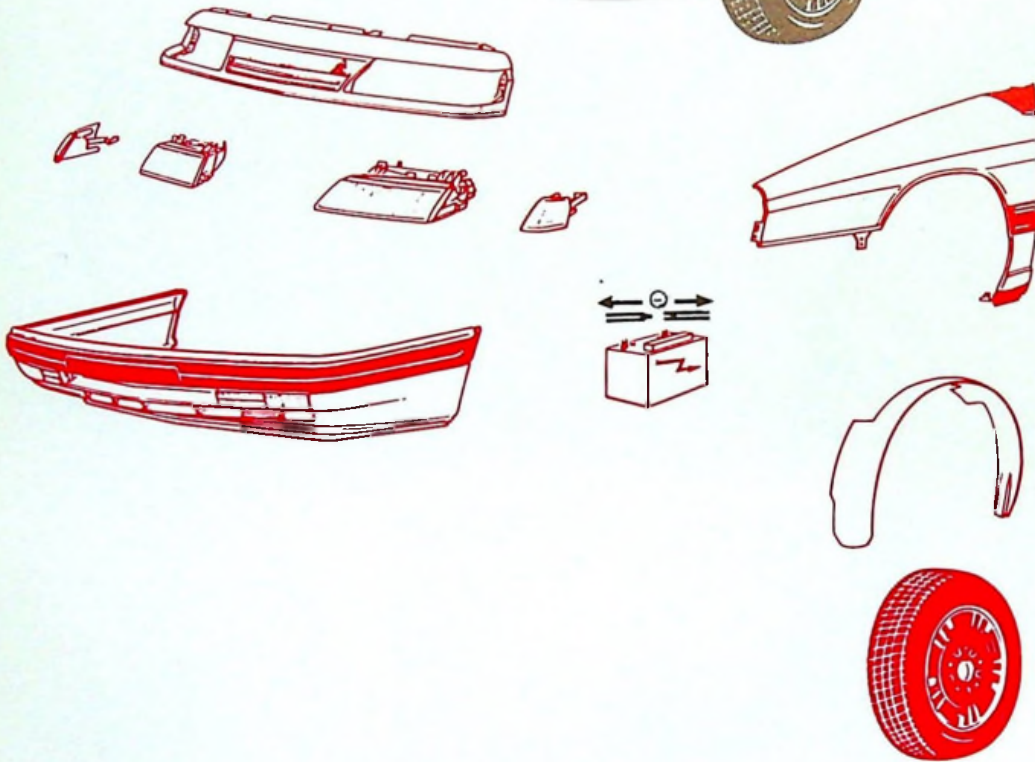
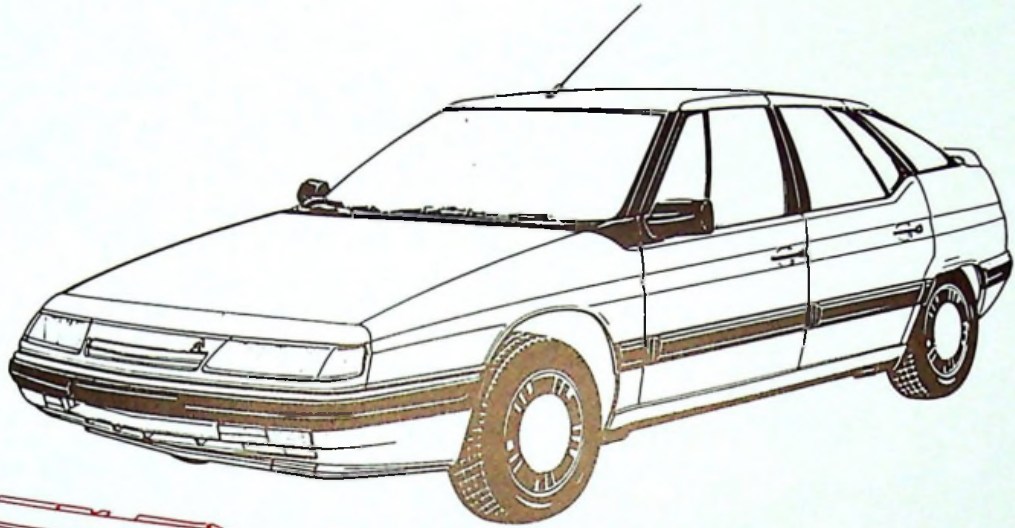
1



Y.80-1



90-252



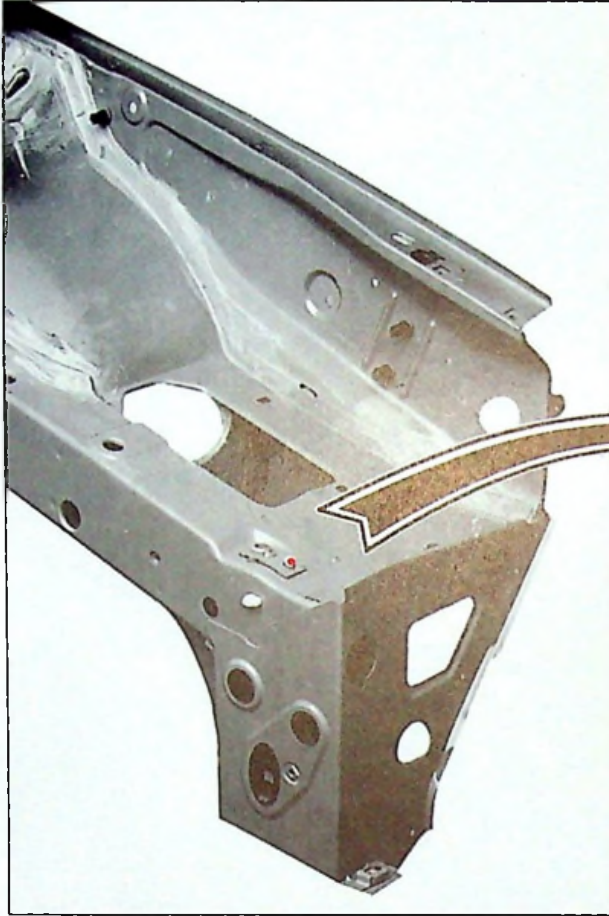


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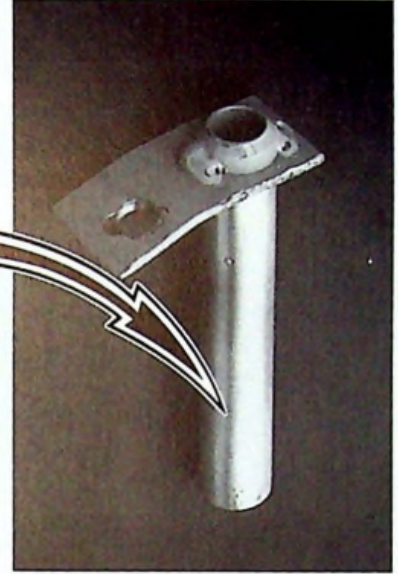


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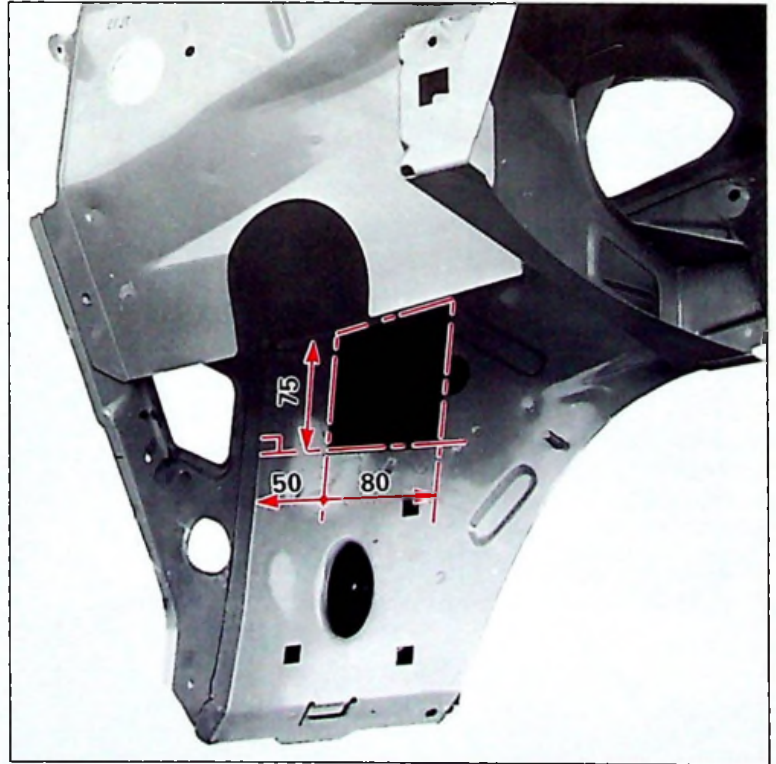
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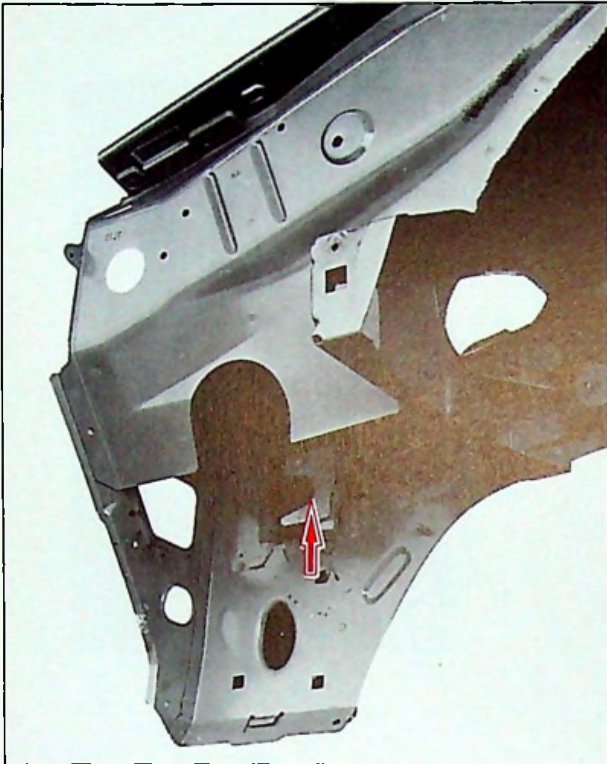
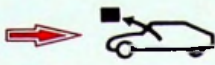
90-251



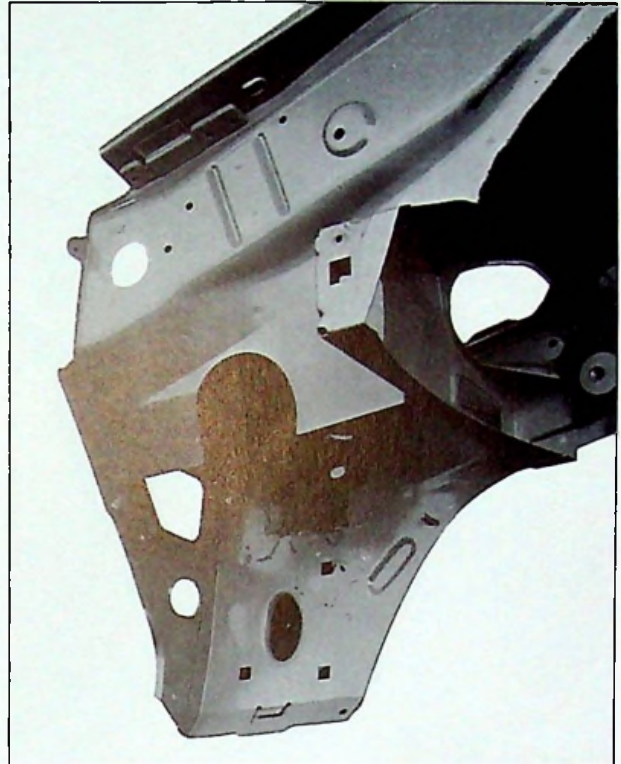
90-253



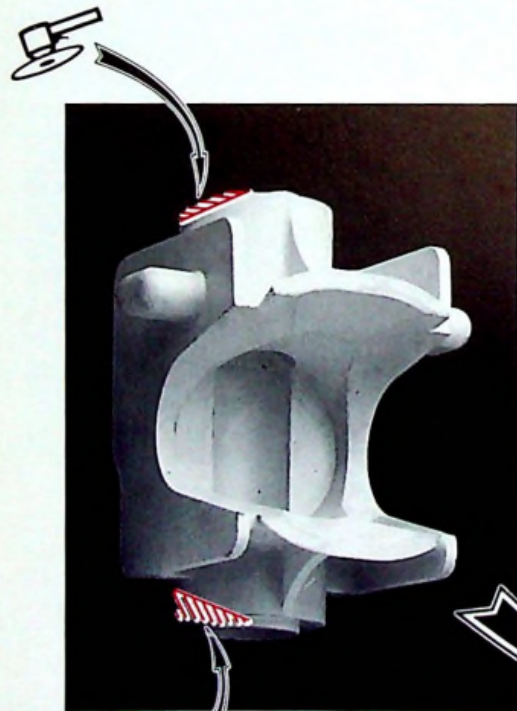
90-250



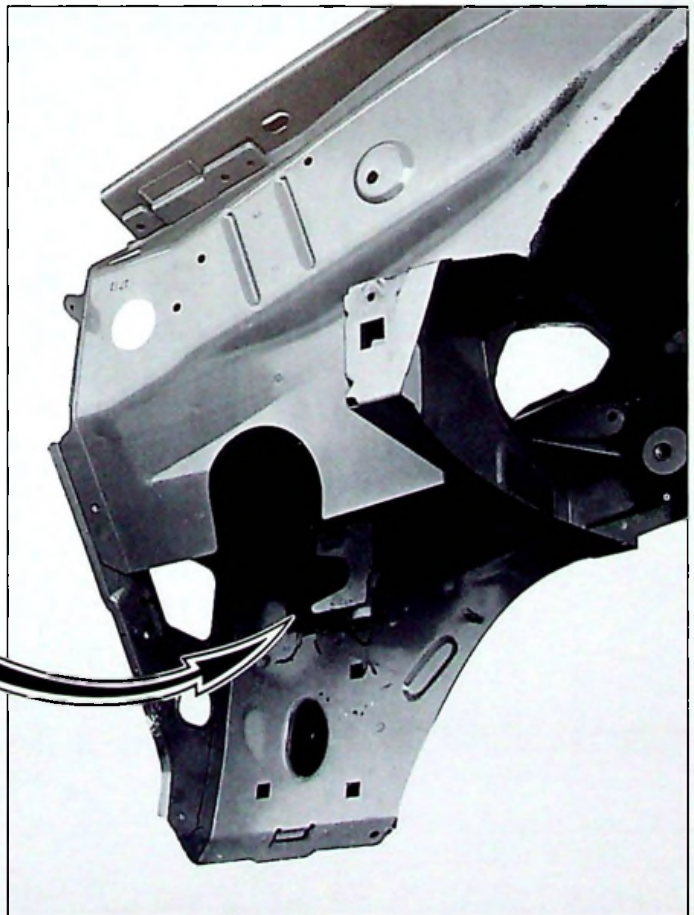
90-262



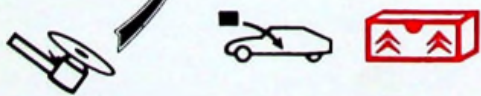
90-263



90-252



90-262





14

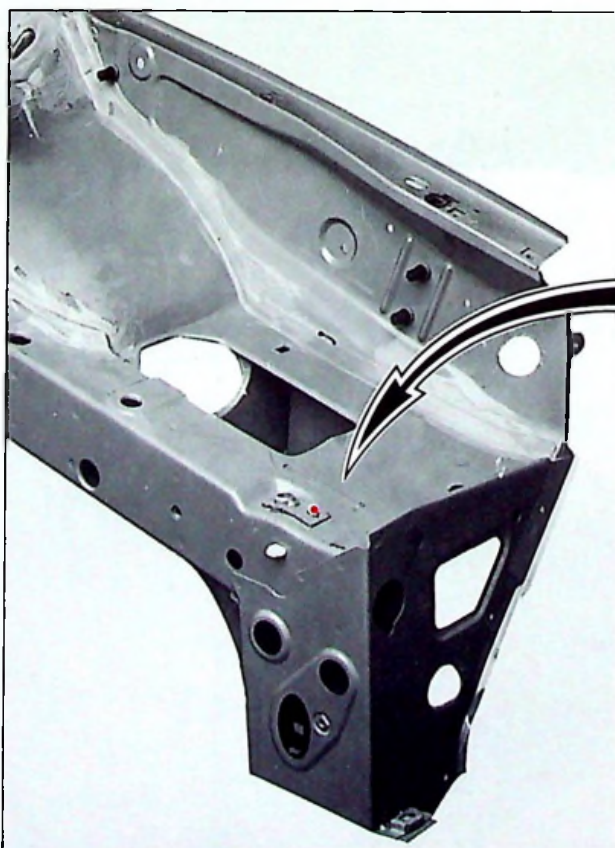


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5



90-264

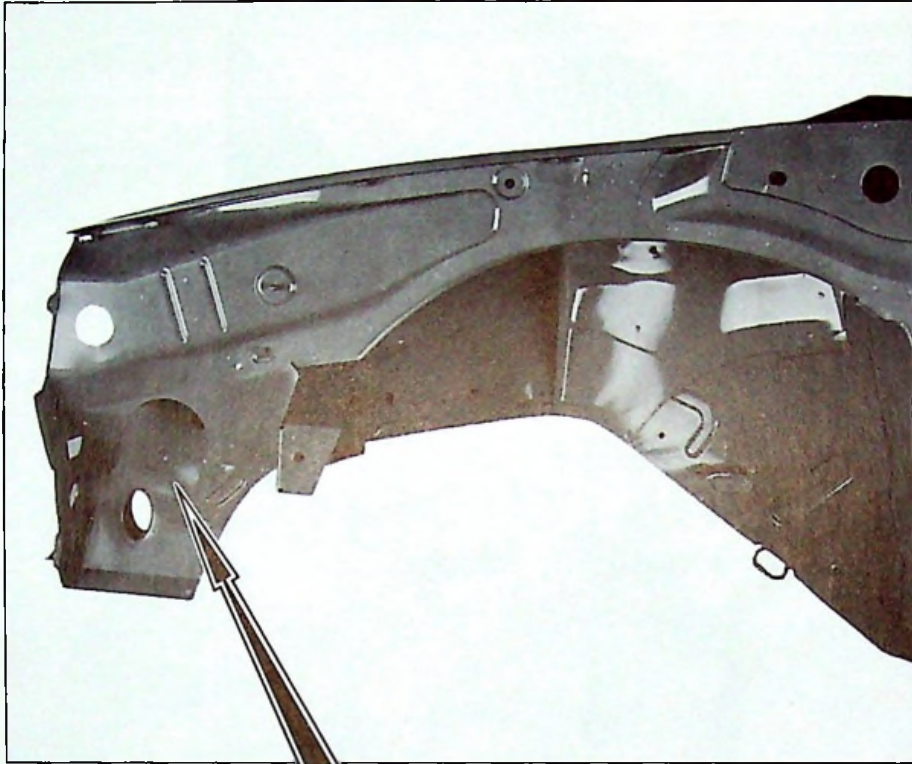


90-251

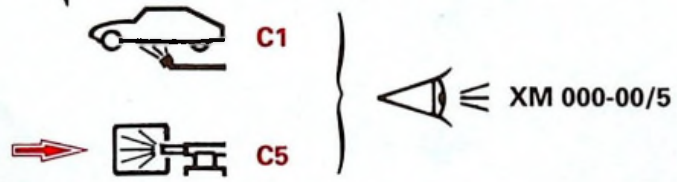


90-253





88-365



90-251

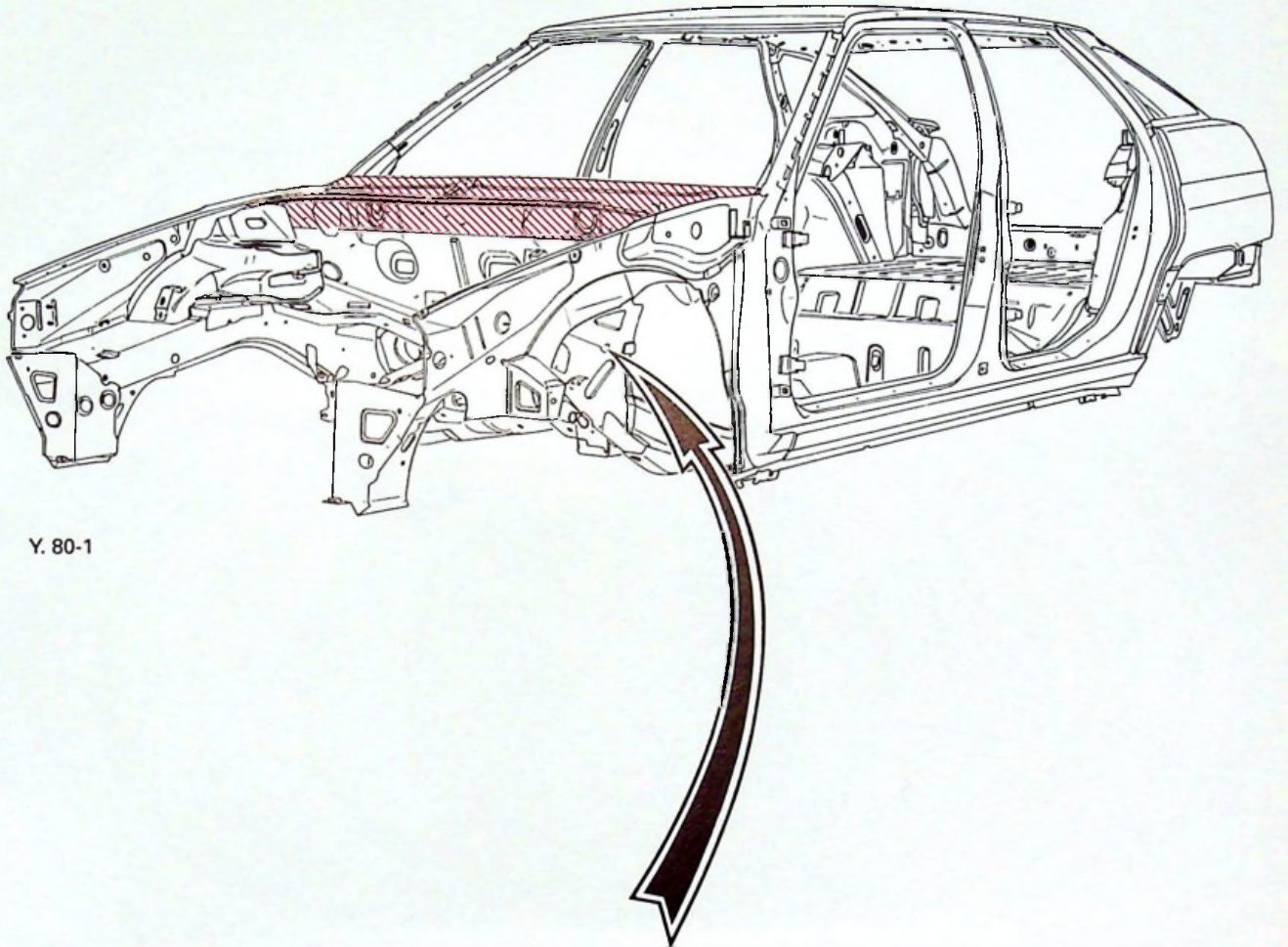


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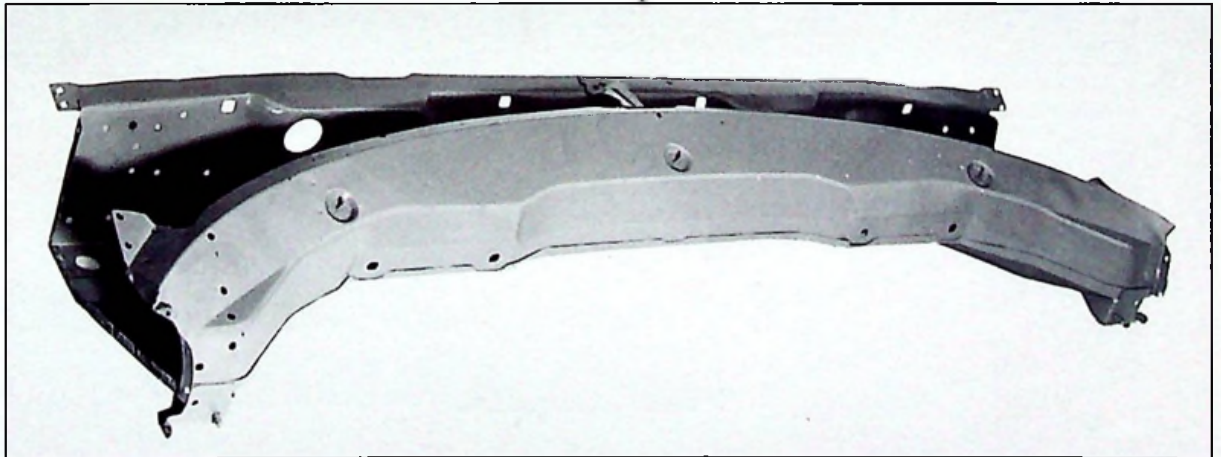


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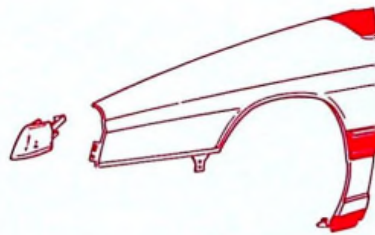
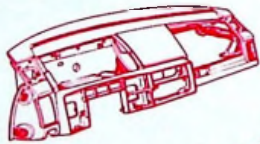
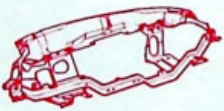
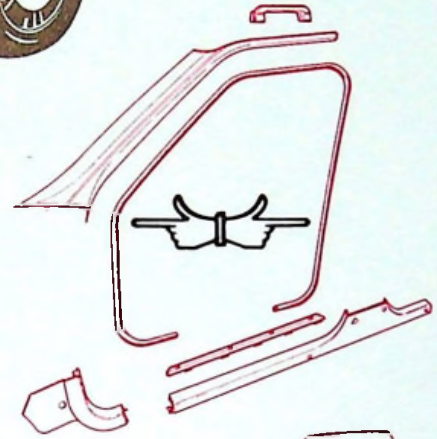
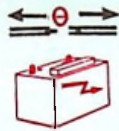
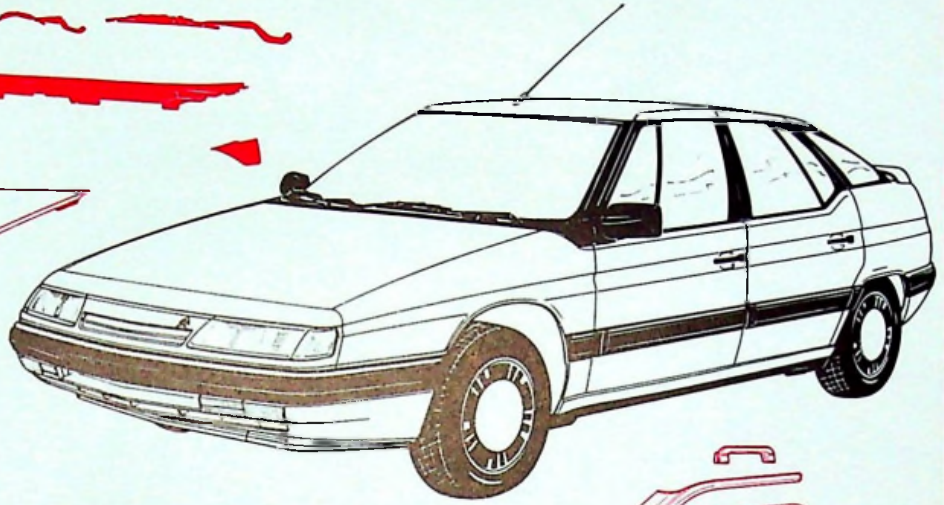
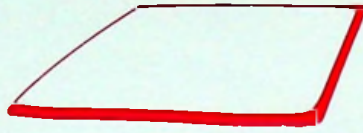
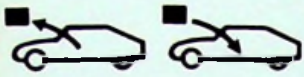
1



Y. 80-1



89-1580



- Y. 41-4
- Y. 80-7a
- Y. 80-23
- Y. 80-28



14

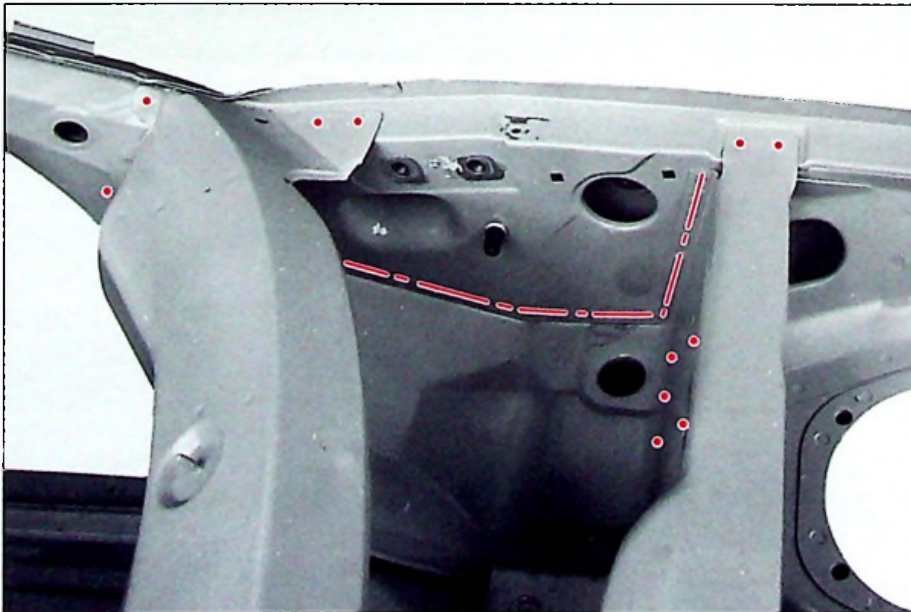
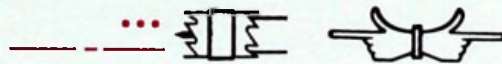


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3



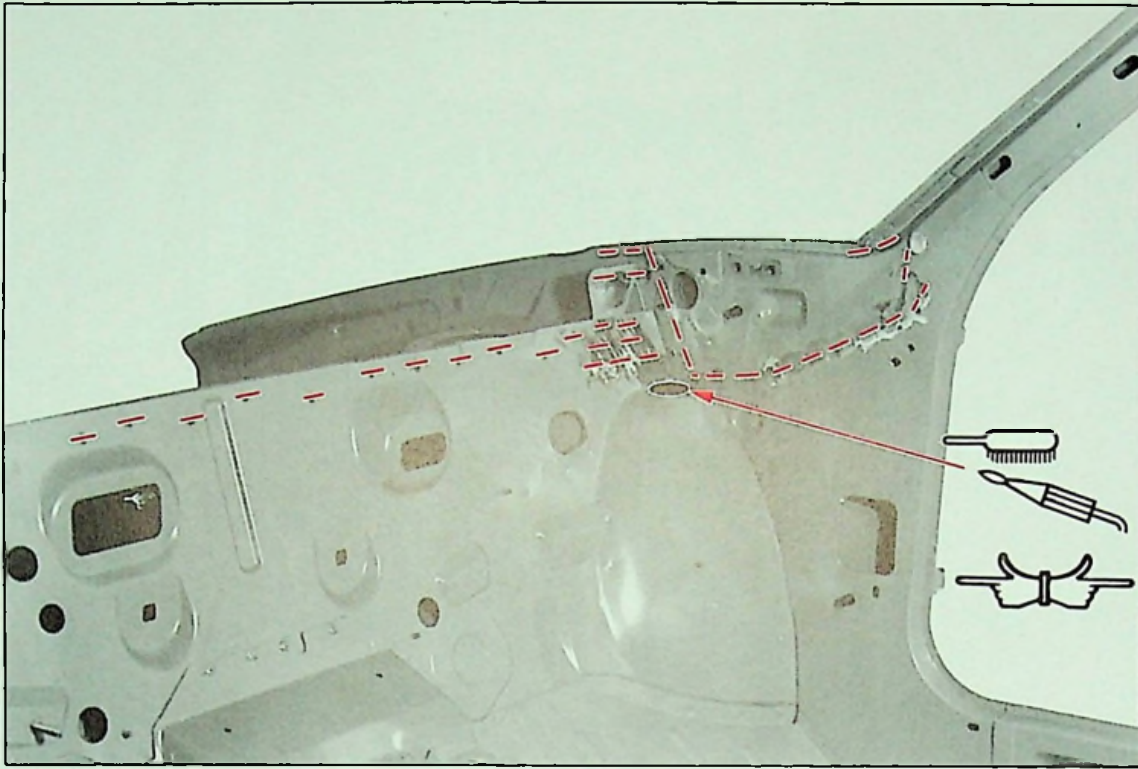
88-475



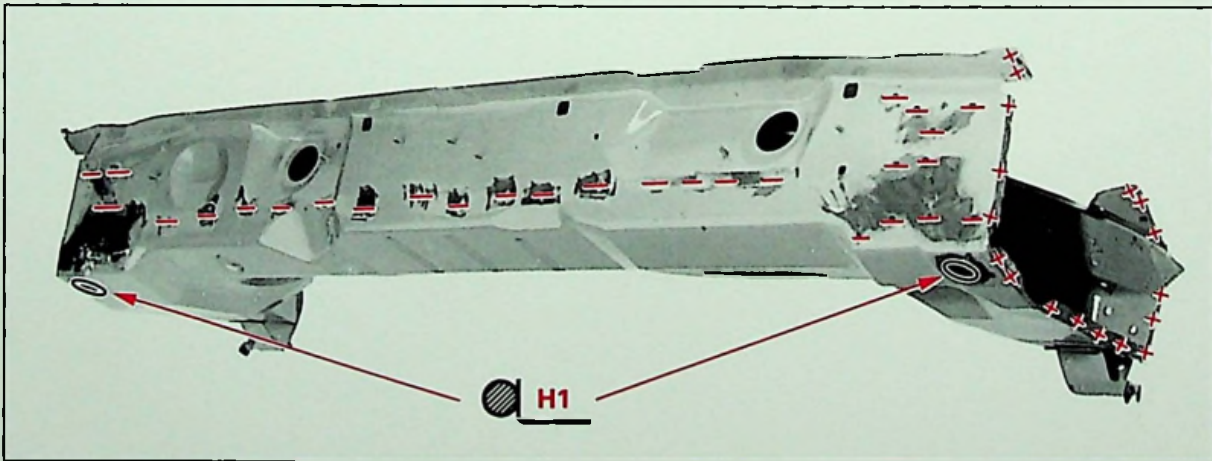
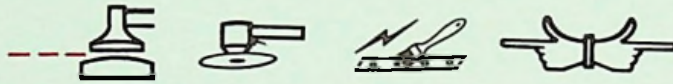
88-472



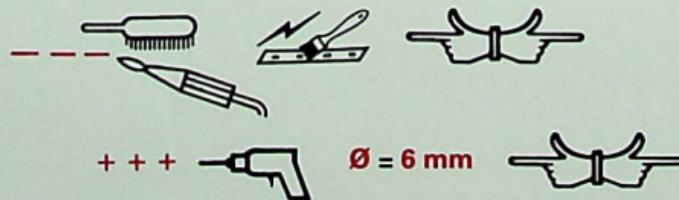
88-379



89-1578



89-1581



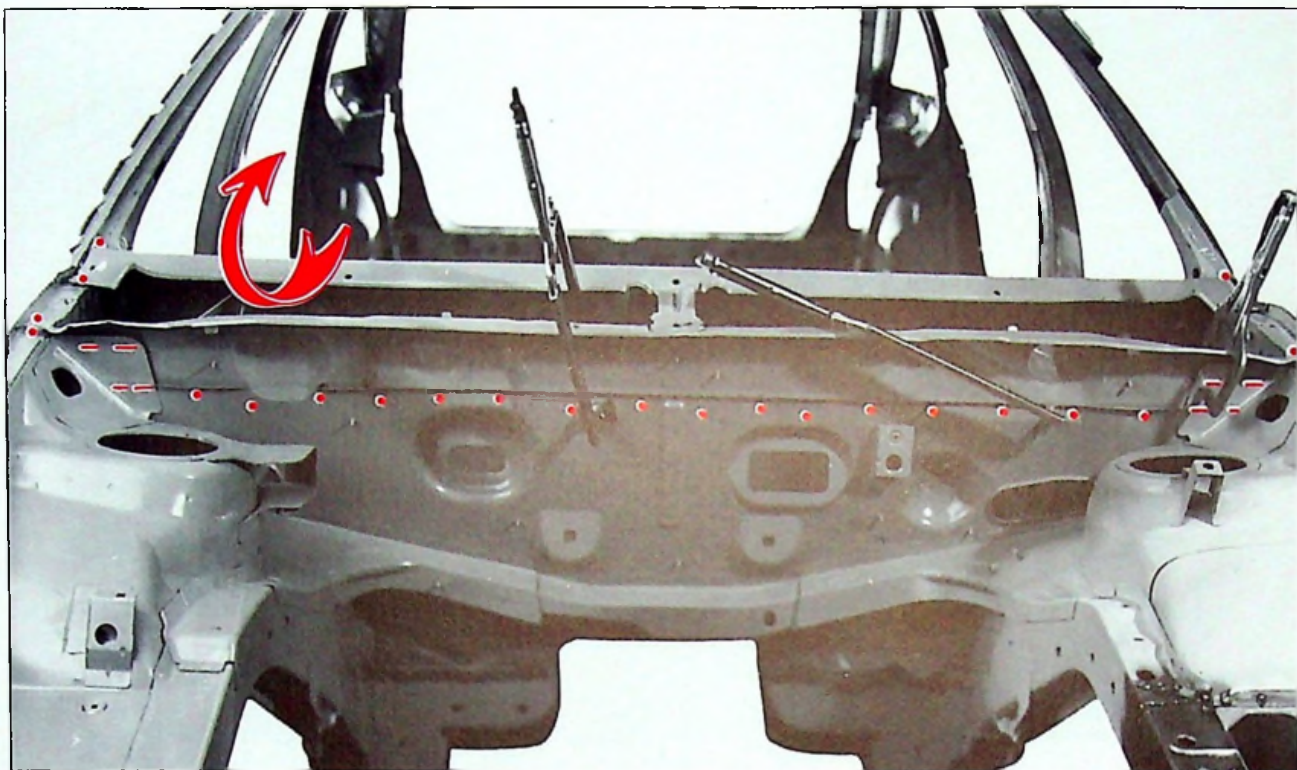


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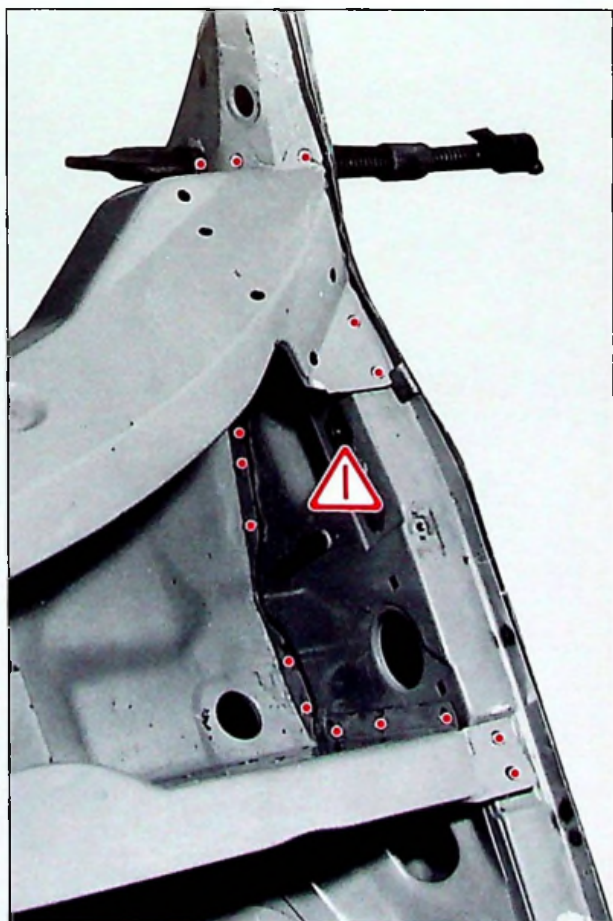
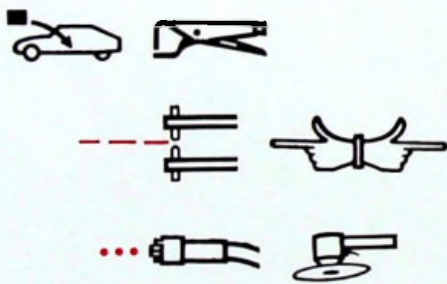


XM
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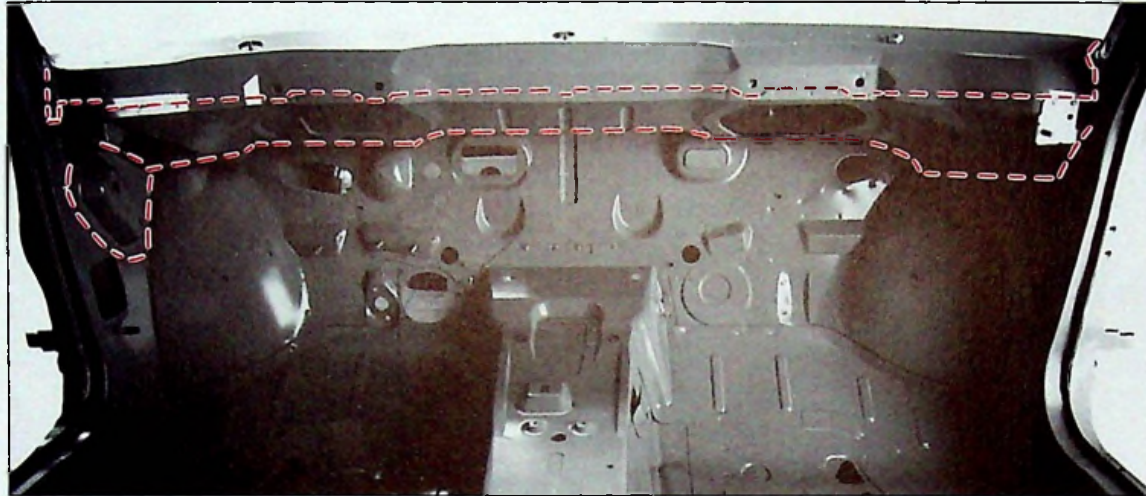
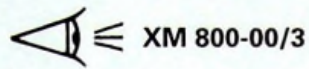
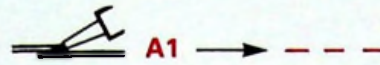
5



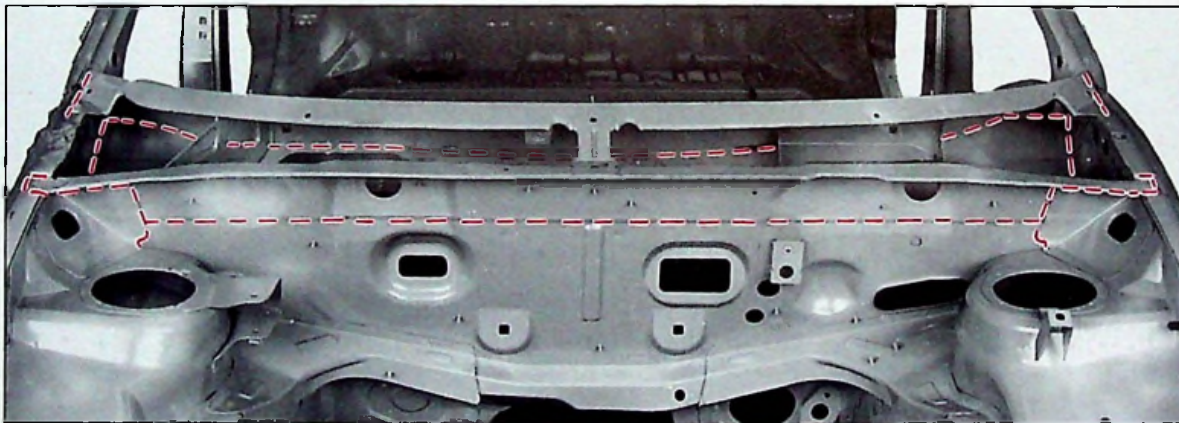
89-1582



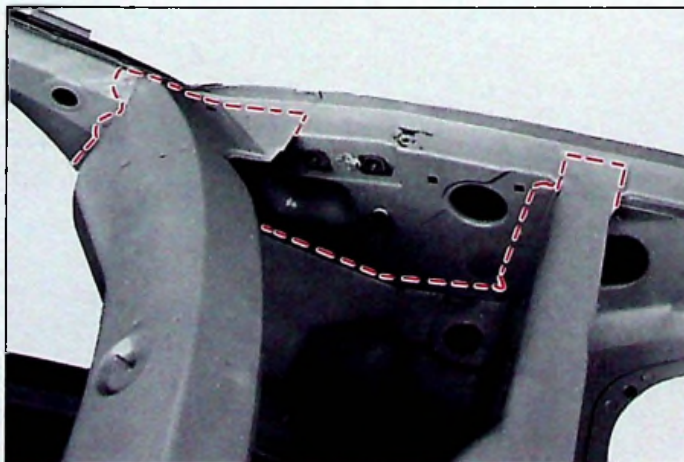
89-1579



88-371



88-475



88-472

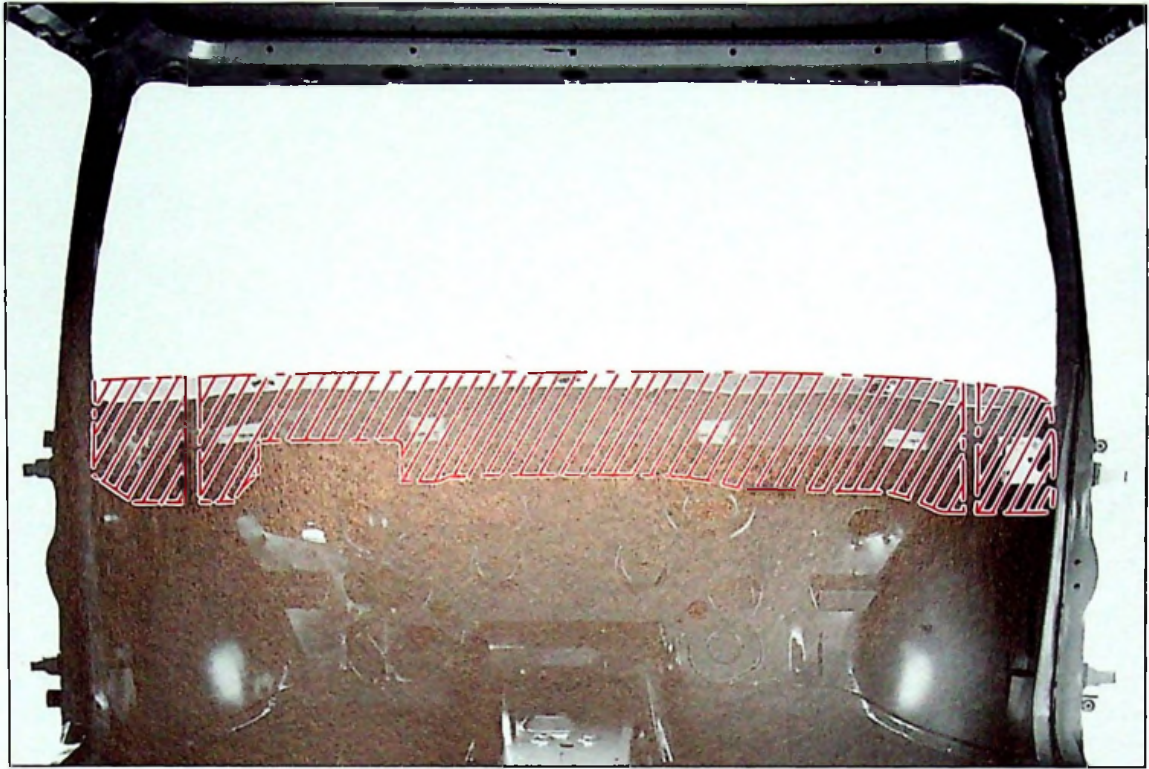


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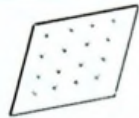


XM
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7



88-380



D5



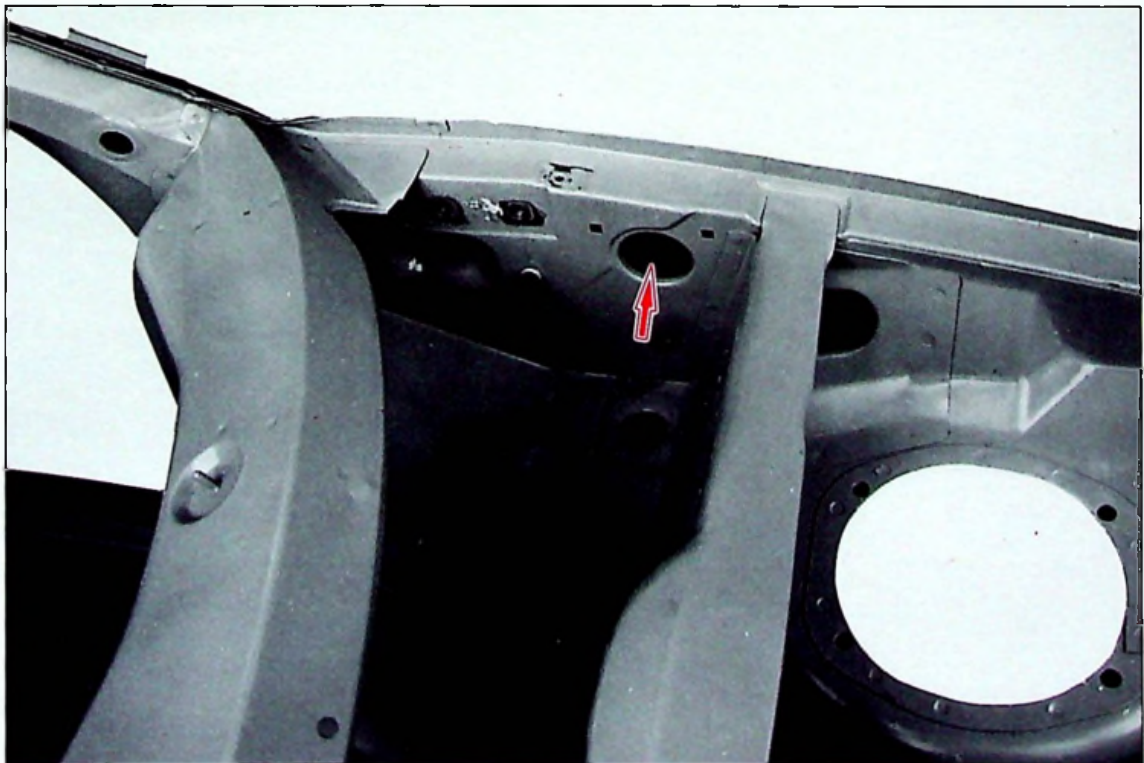
XM 800-00/3



C5



XM 000-00/5



88-472

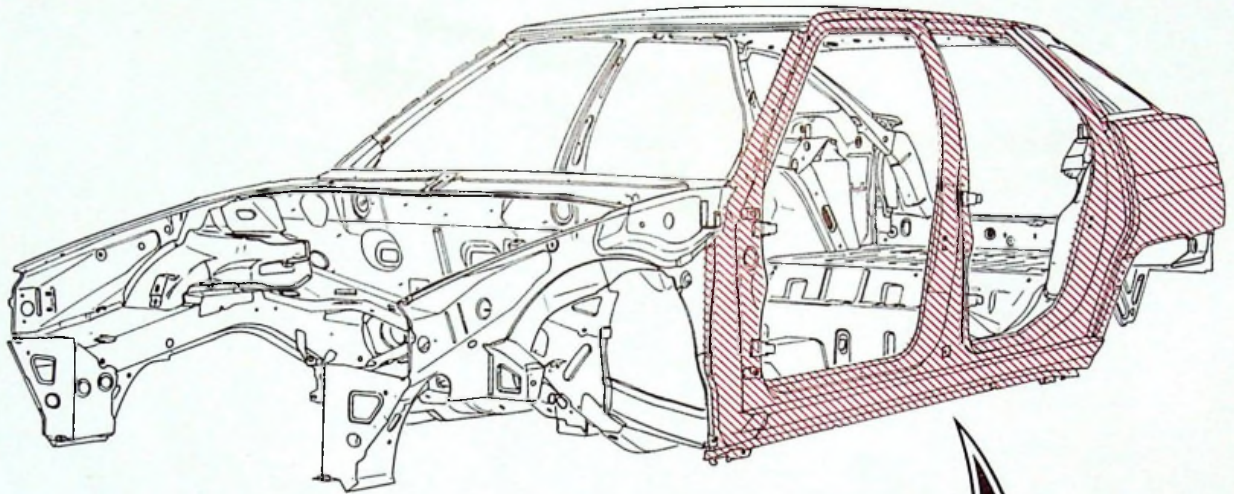


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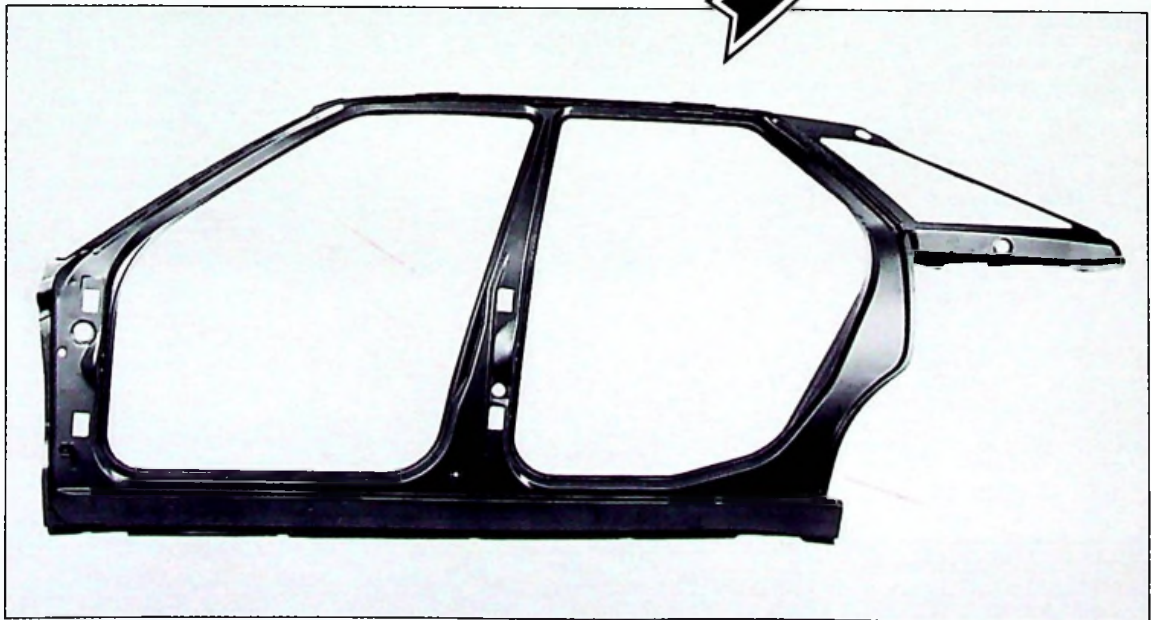


XM
821-3/1

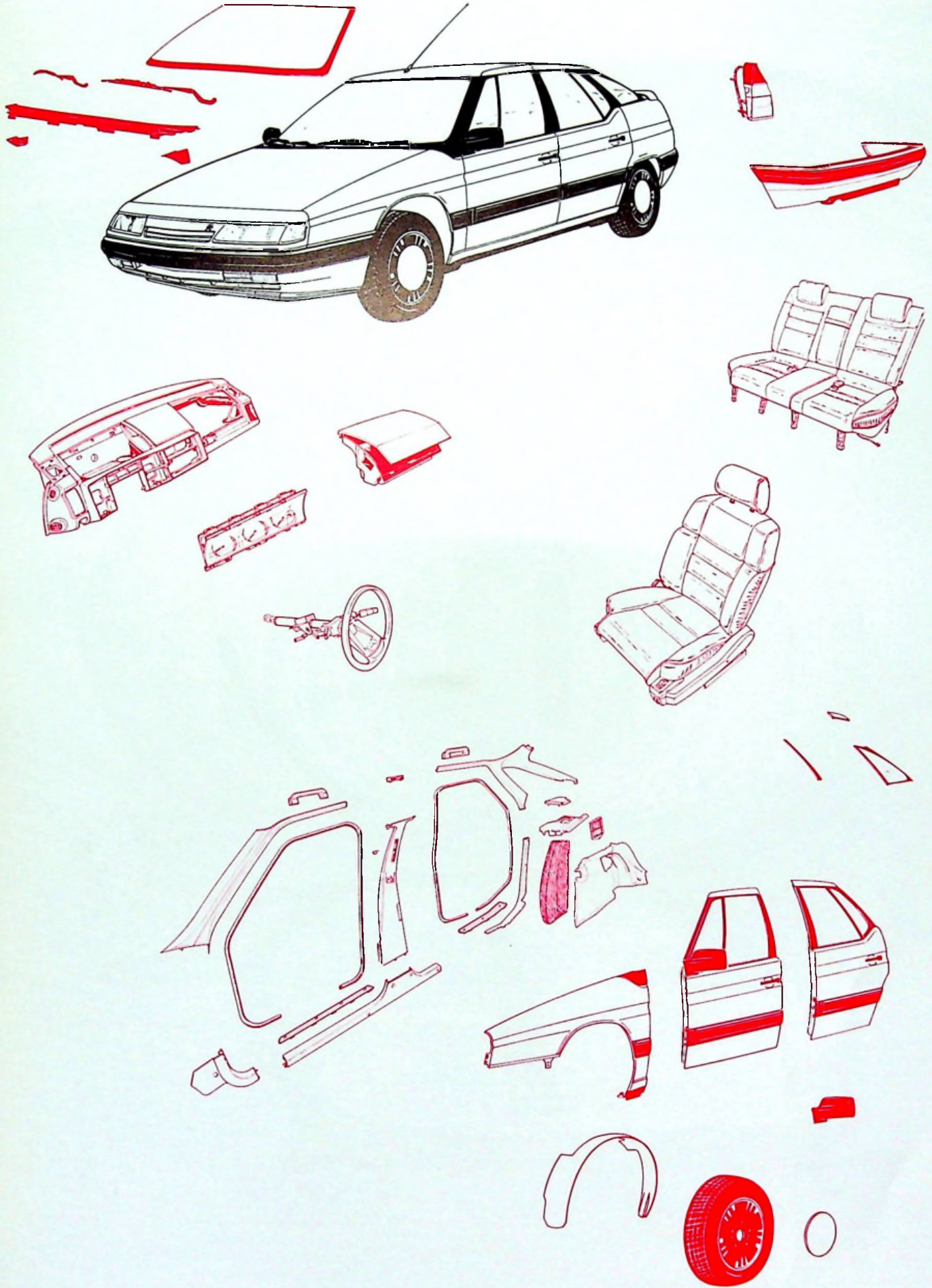
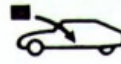
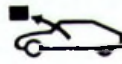
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Y.80-1



88-783



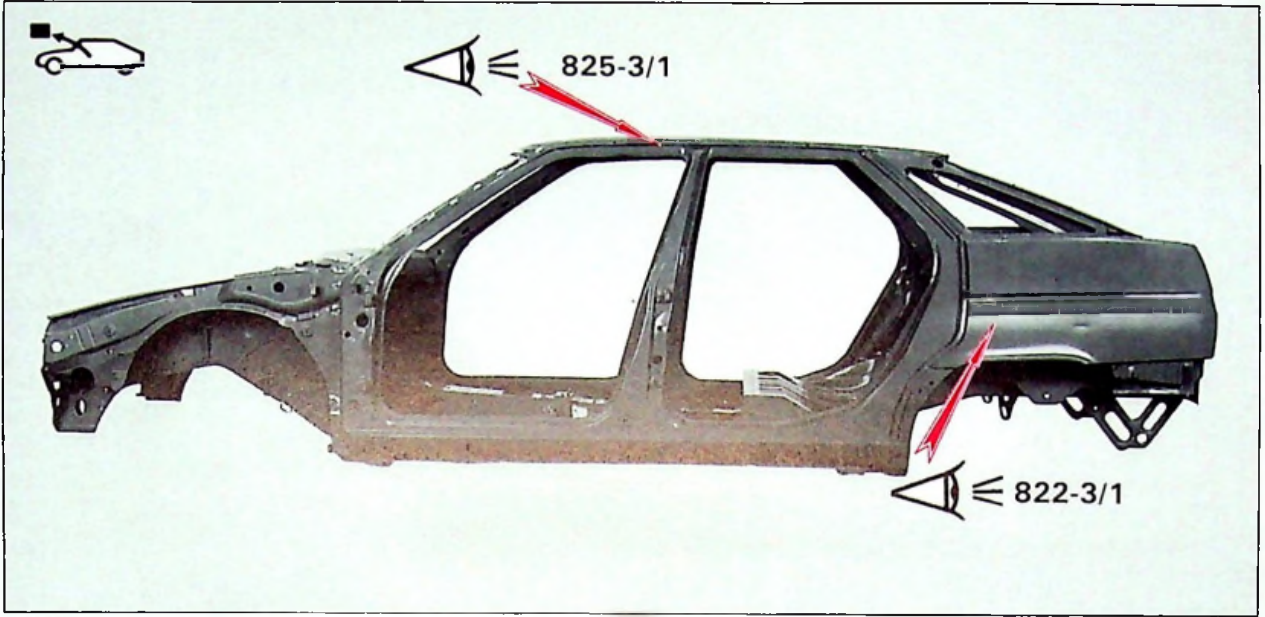


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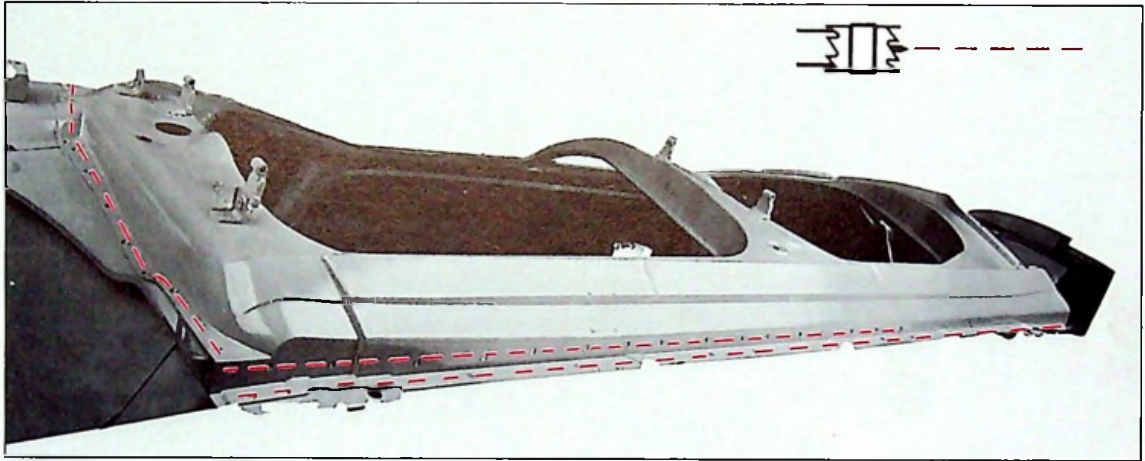


XM
821-3/1

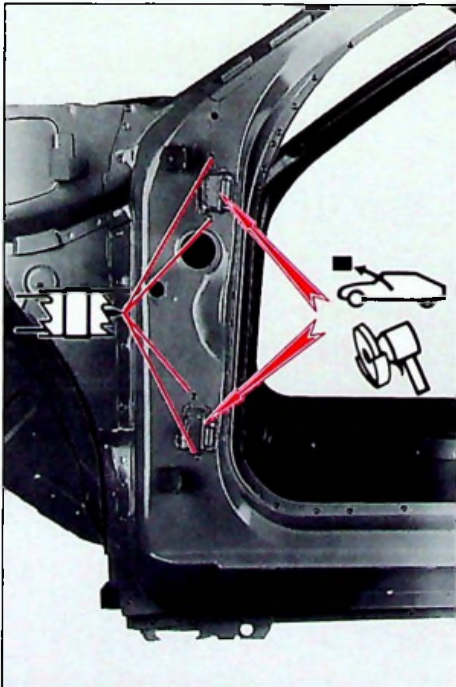
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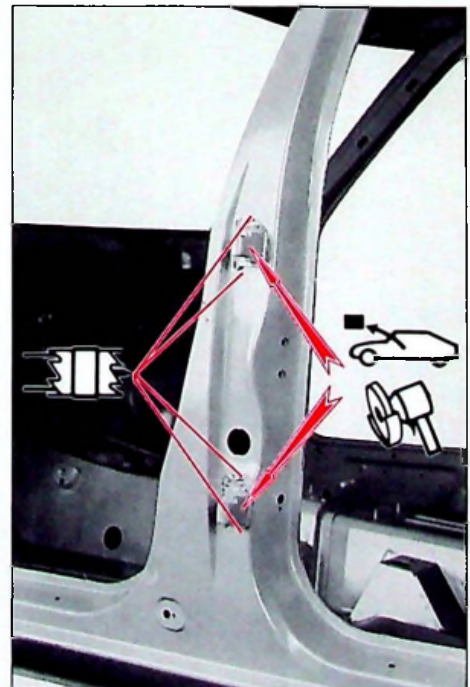
88-358



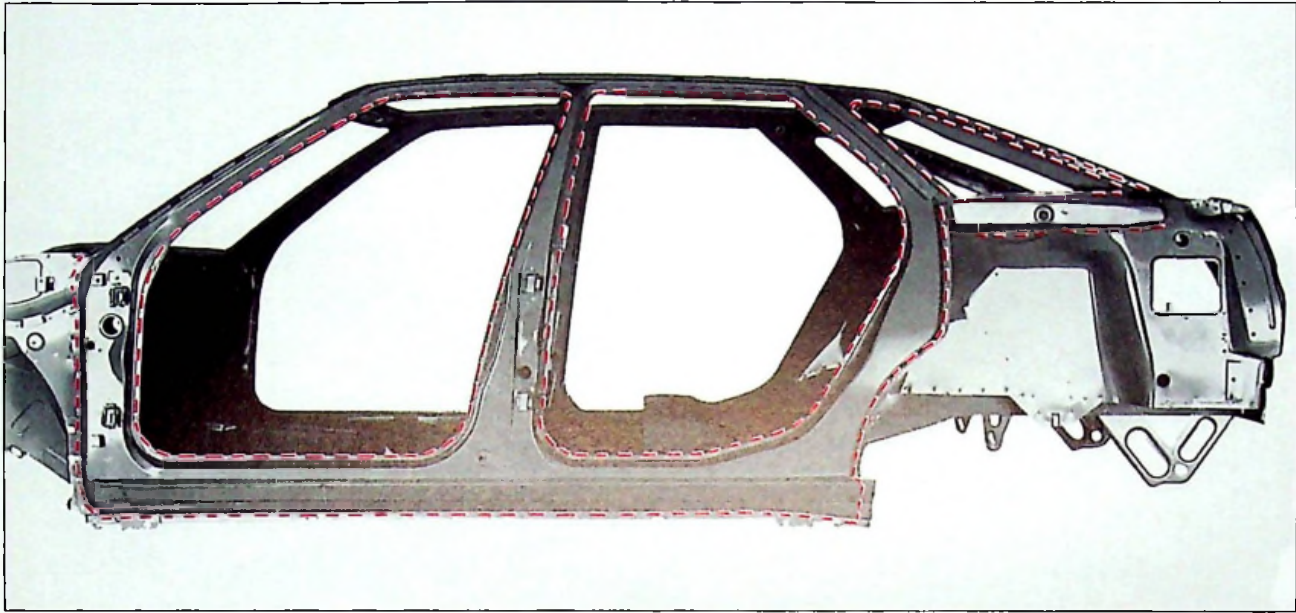
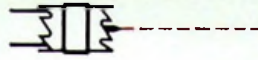
88-873



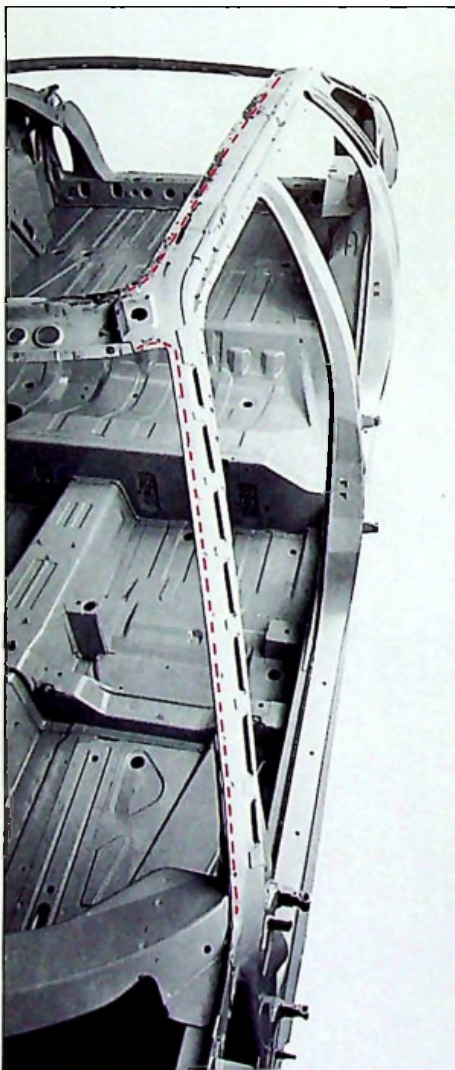
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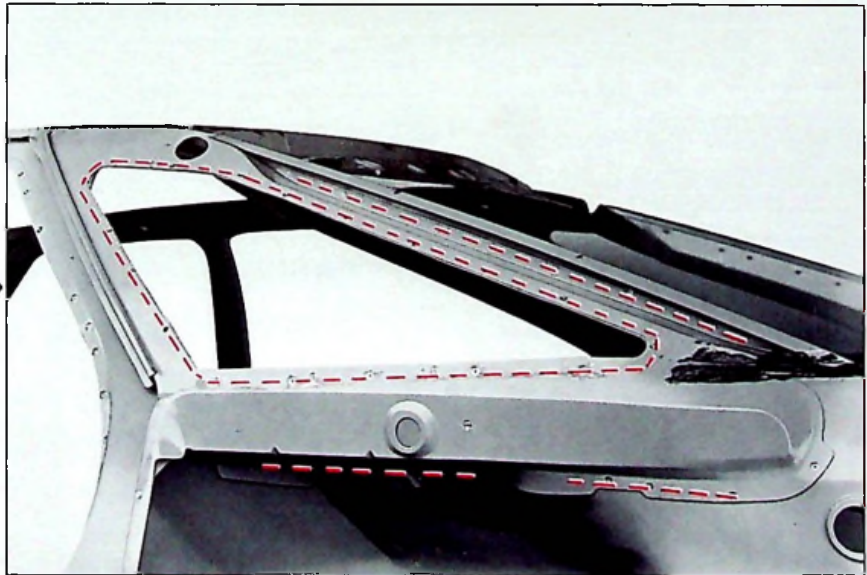
88-473



88-867



88-869



88-868

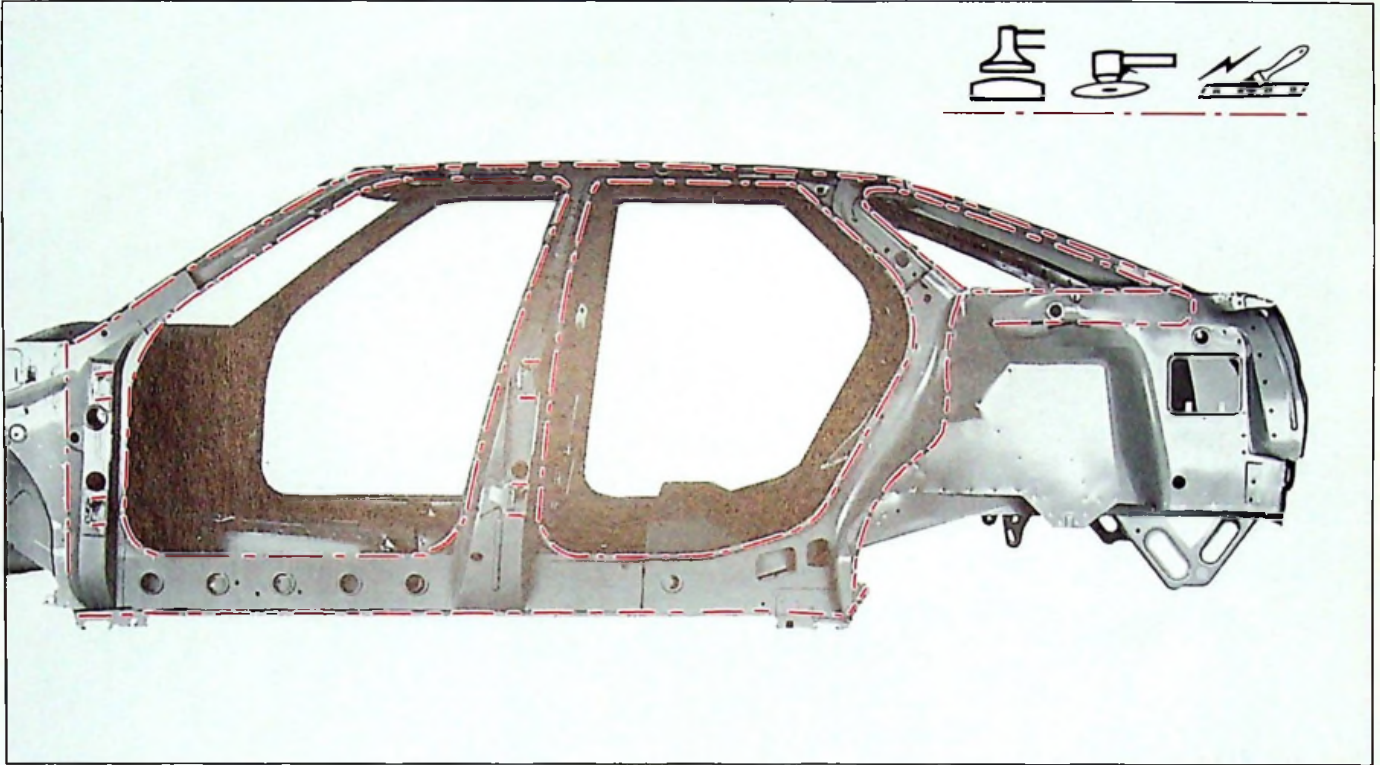


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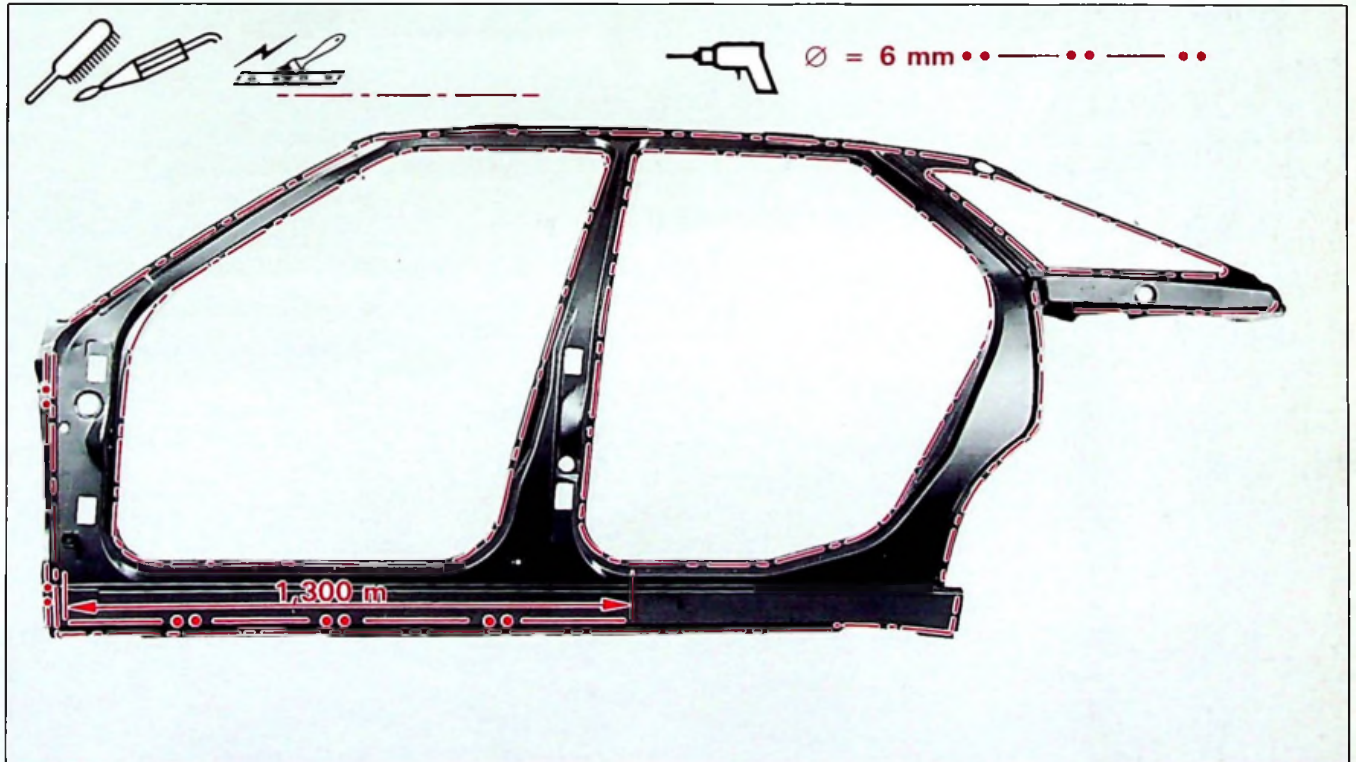


XM
821-3/1

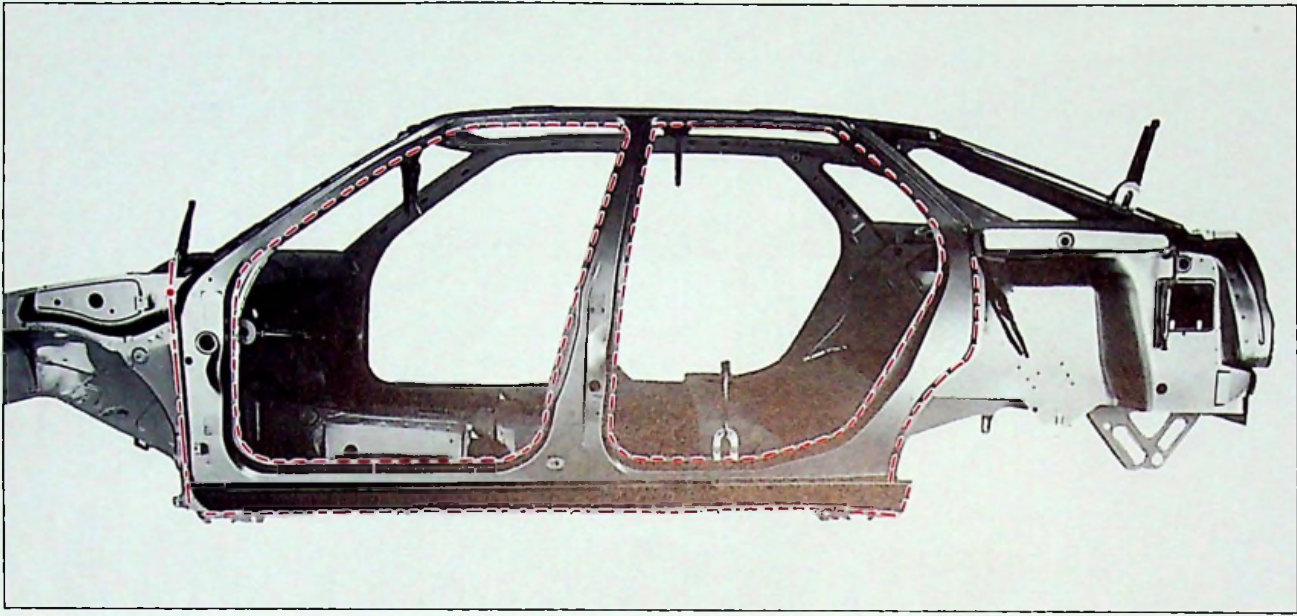
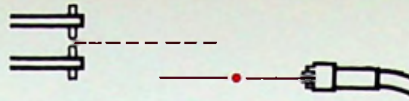
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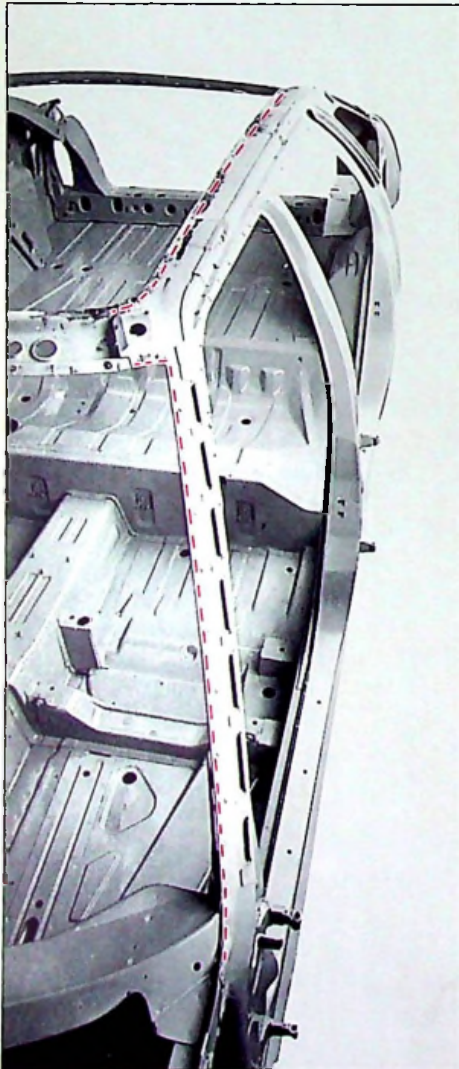
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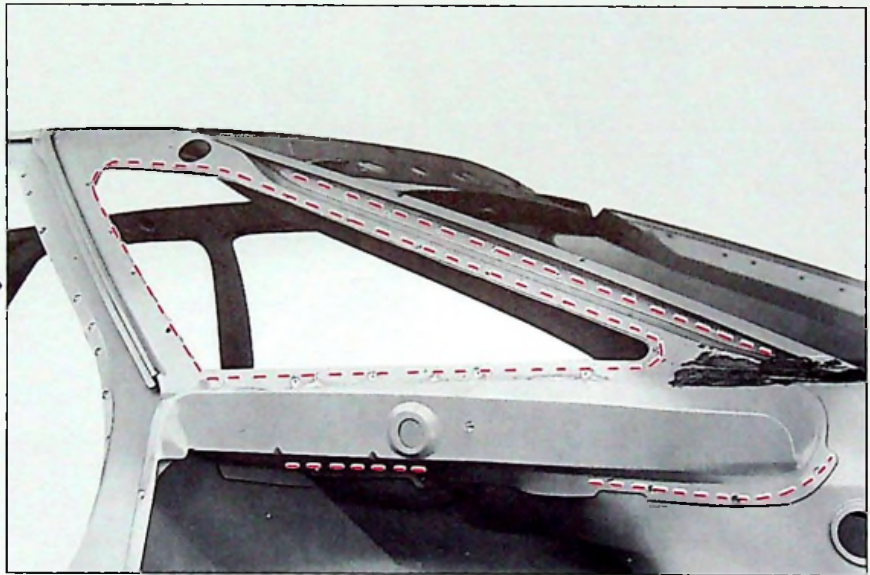
88-783



89-22



88-869



88-868



88-873

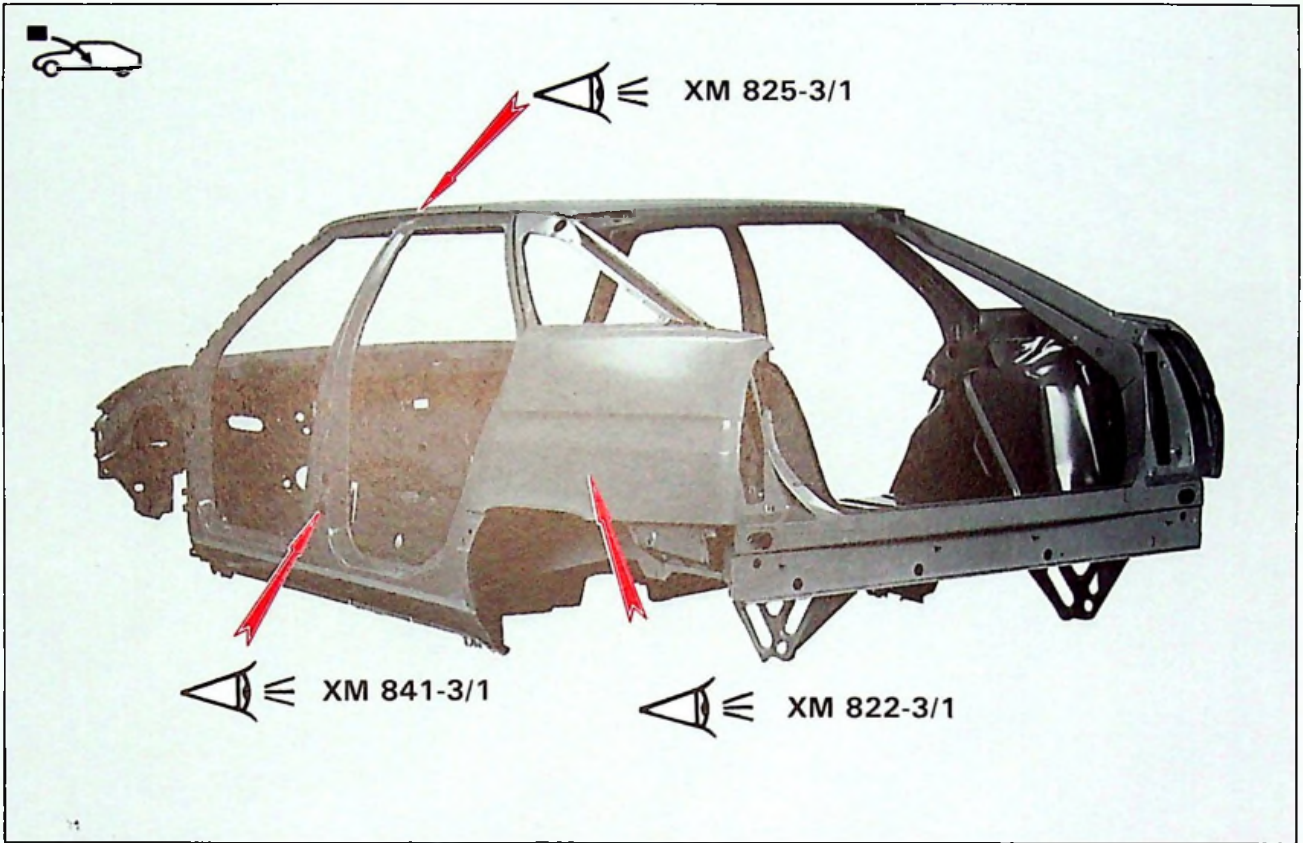


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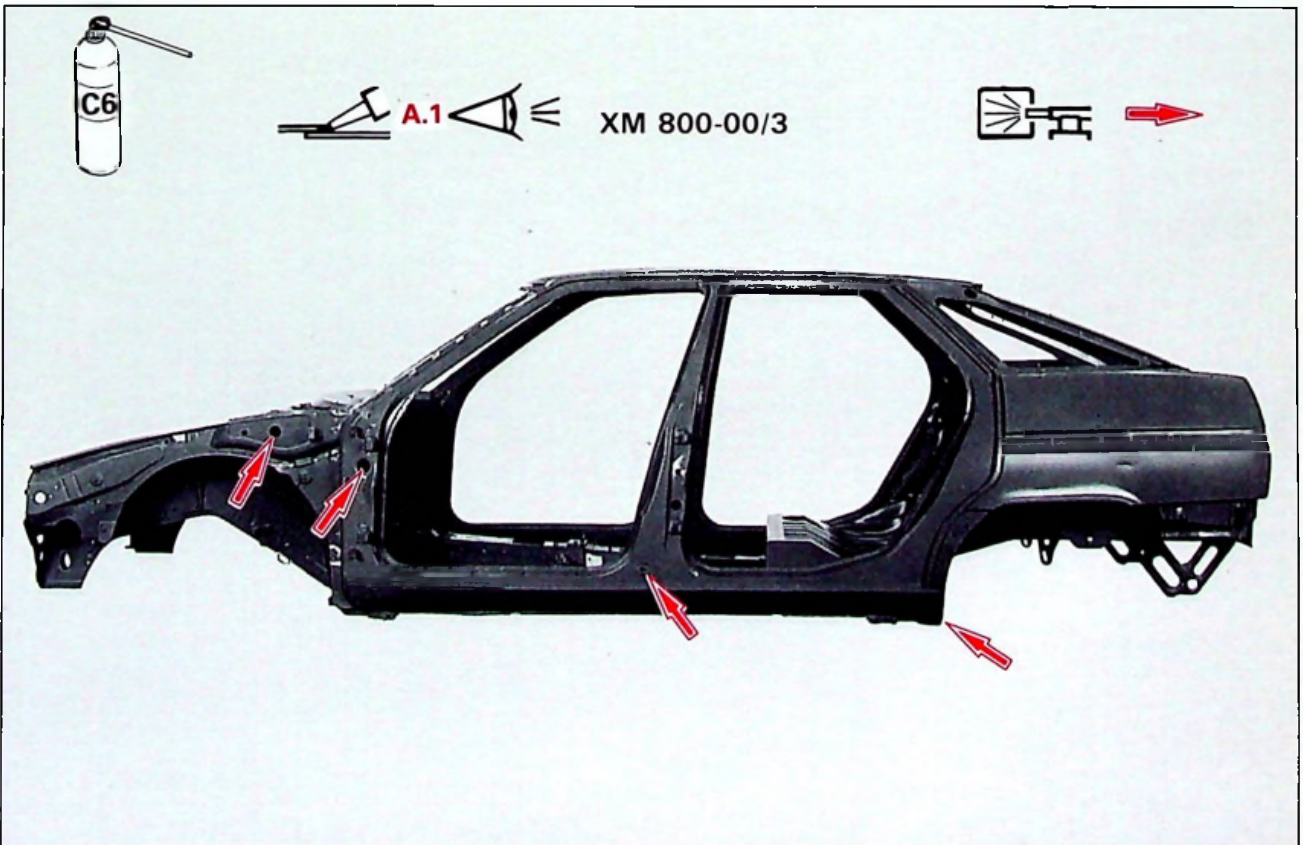


XM
821-3/1

7



88-357



88-358

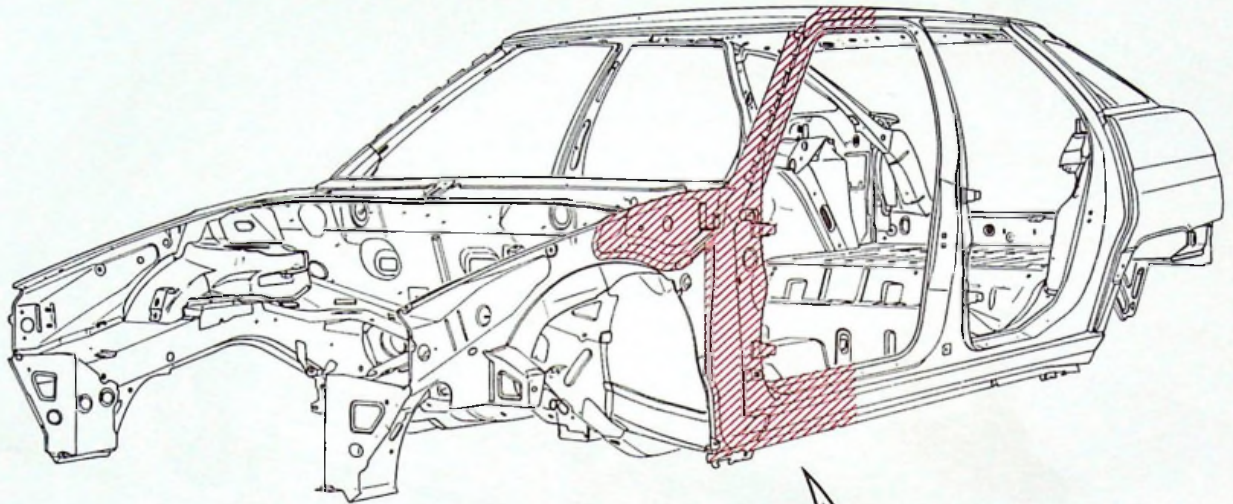


14



XM
821-3/2

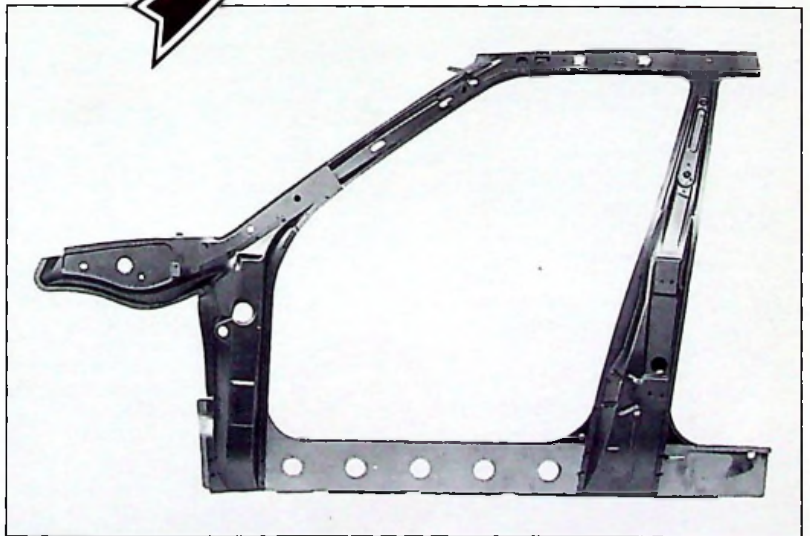
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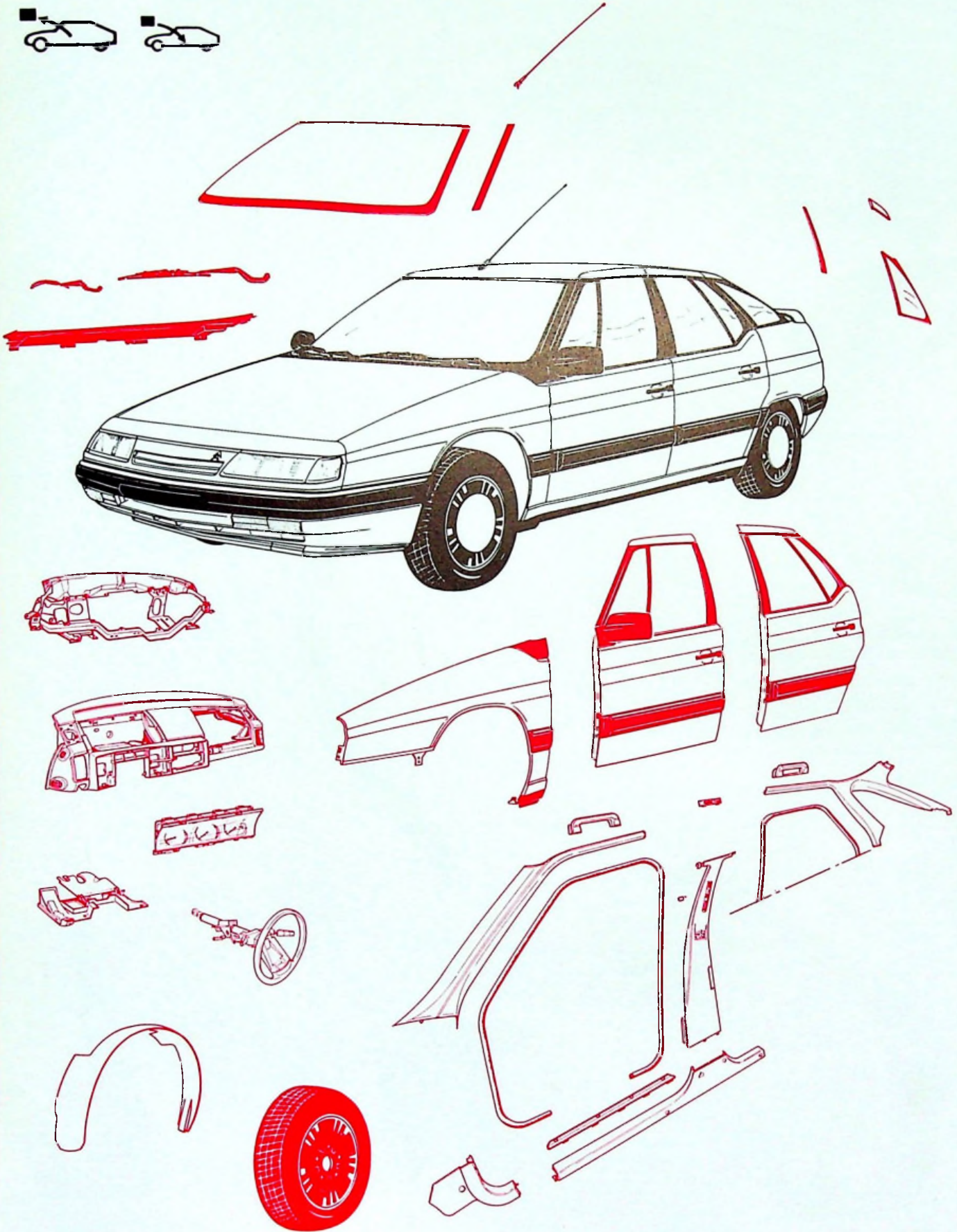
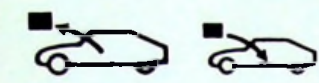
Y.80-1



89-190



88-785



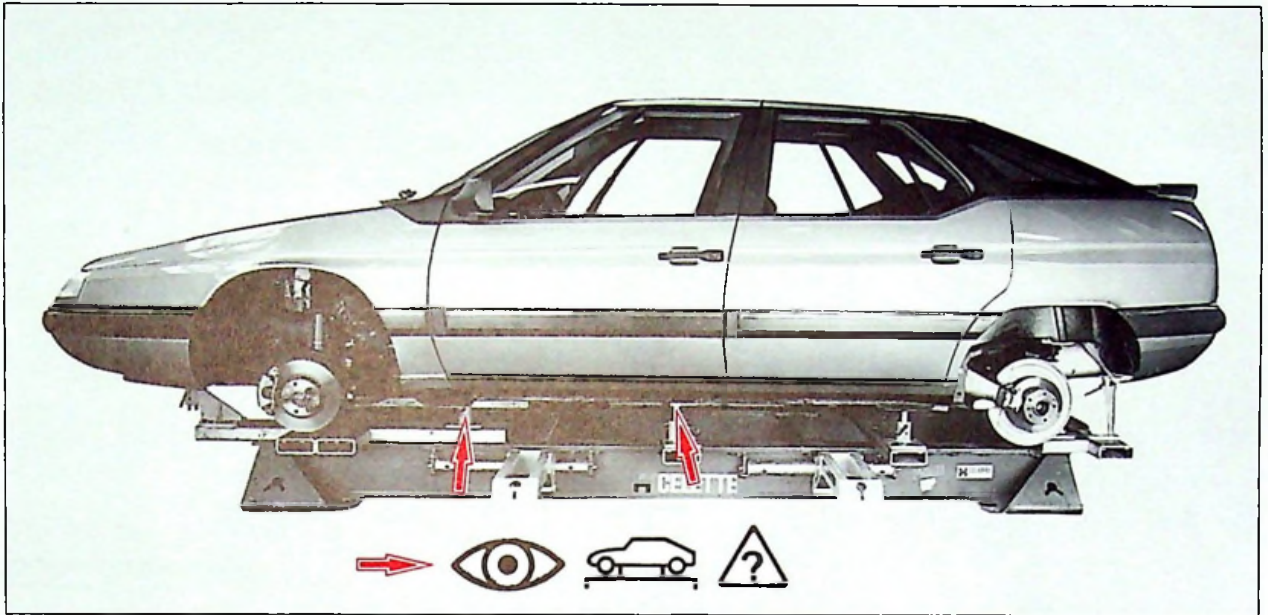


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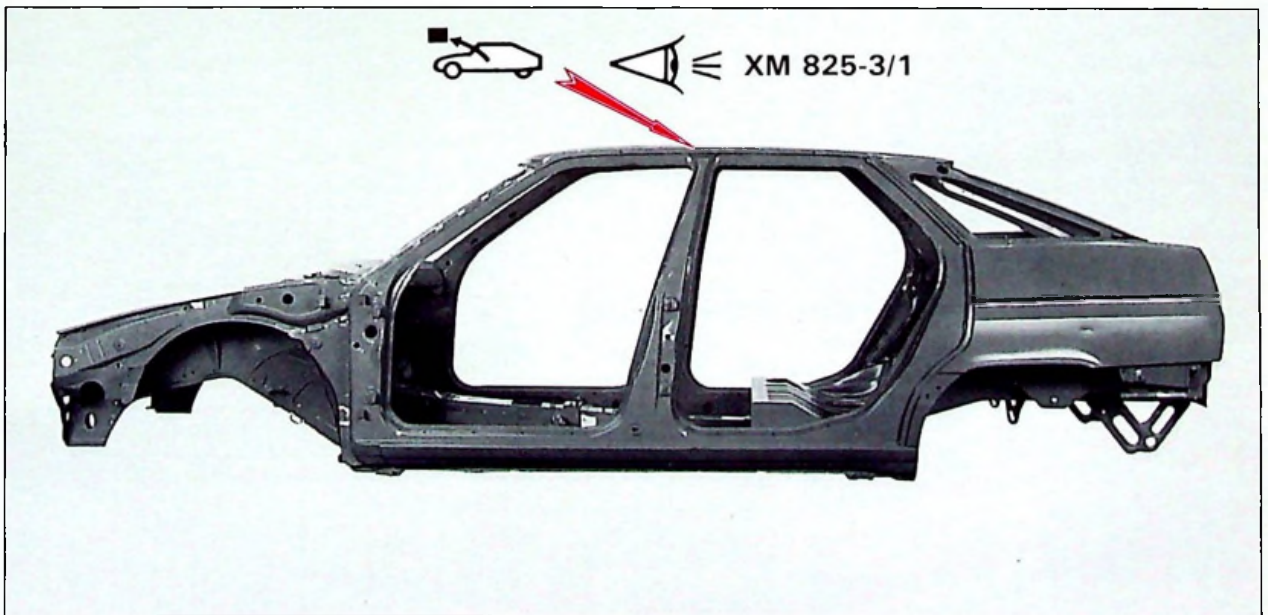


XM
821-3/2

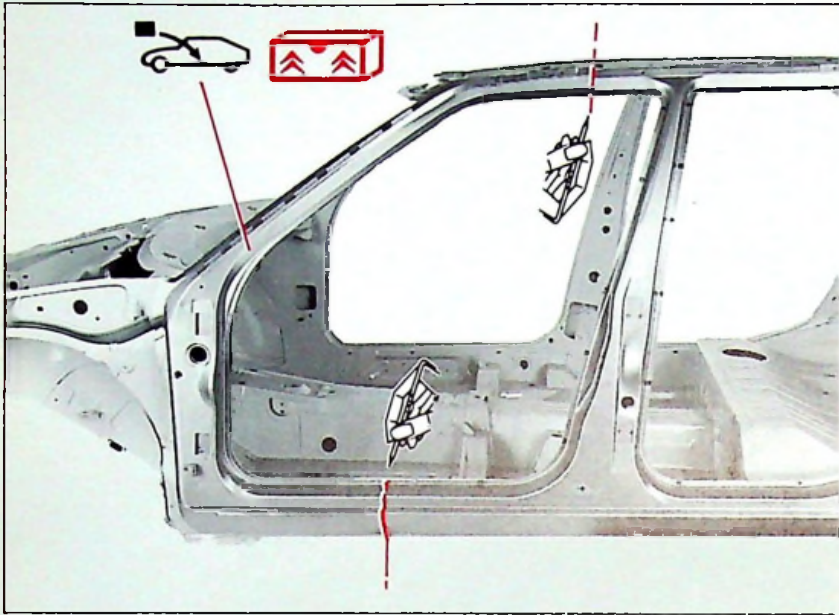
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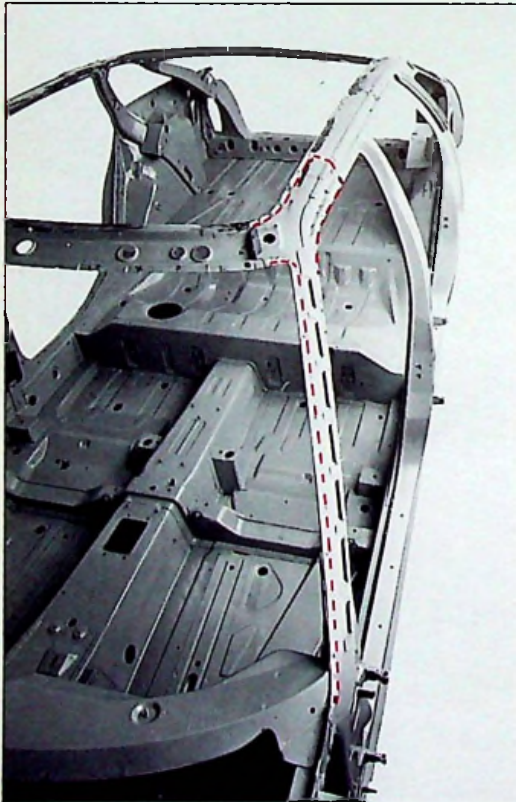
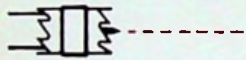
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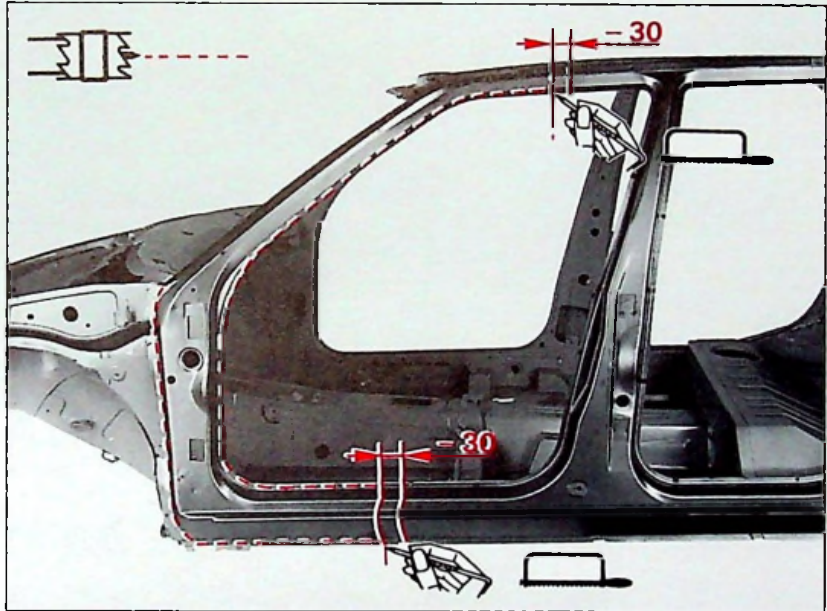
88-358



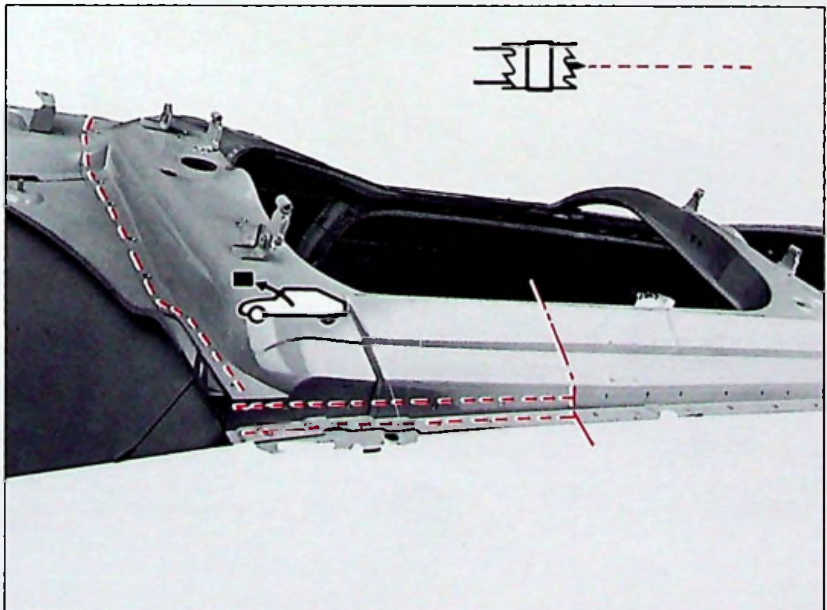
89-194



88-869



89-195



88-873

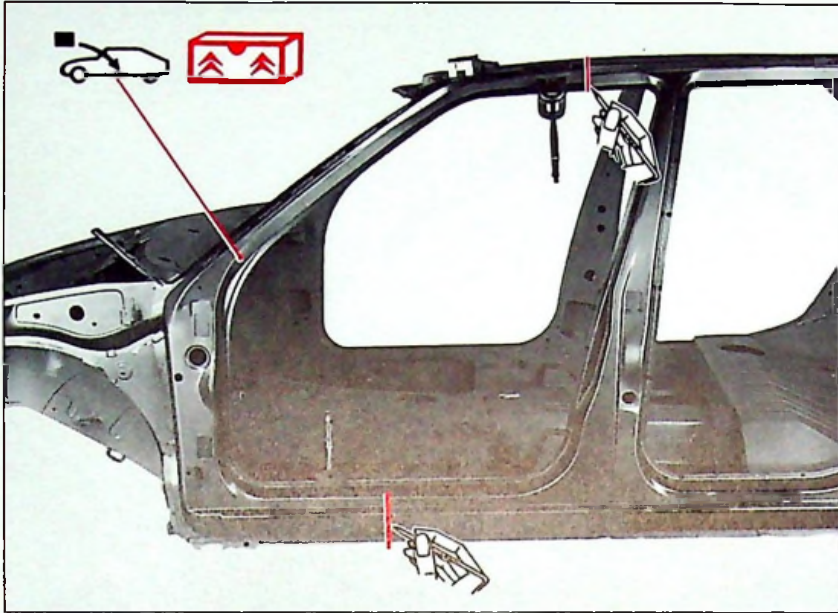


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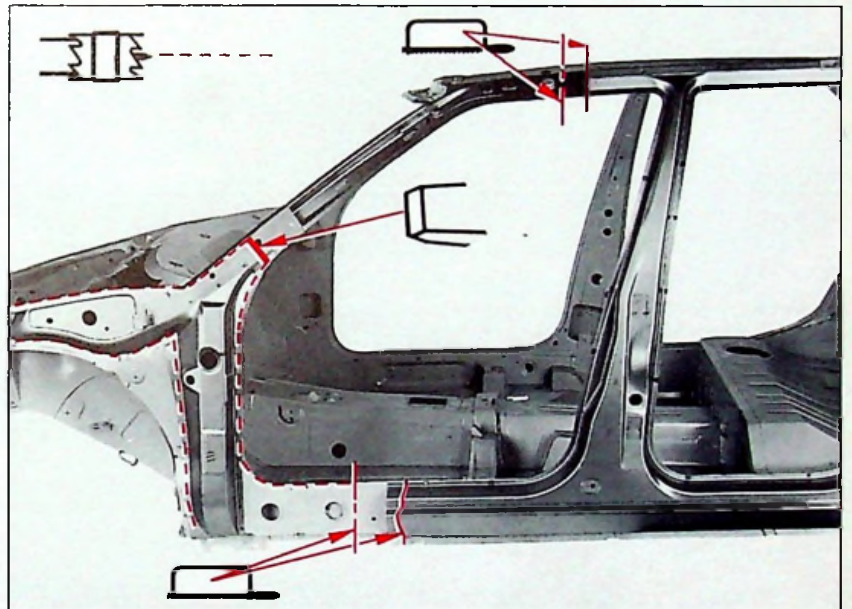


XM
821-3/2

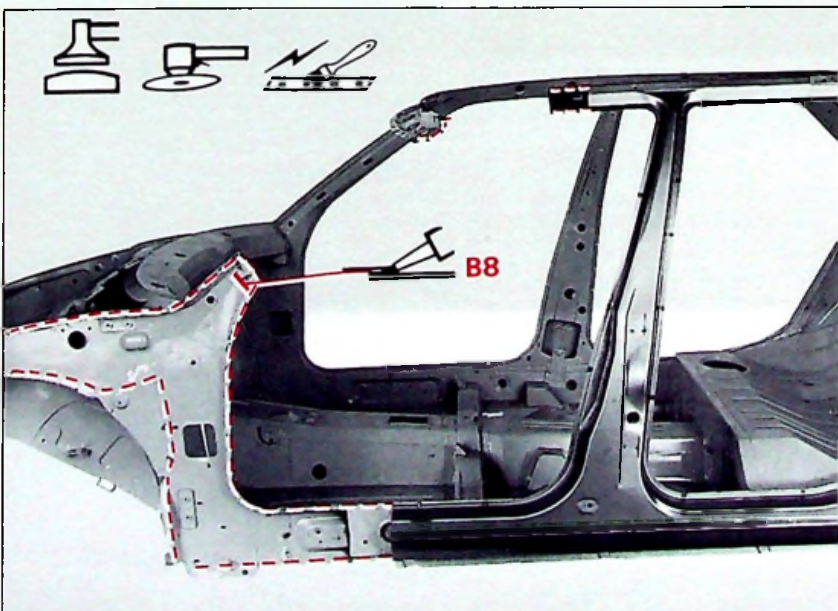
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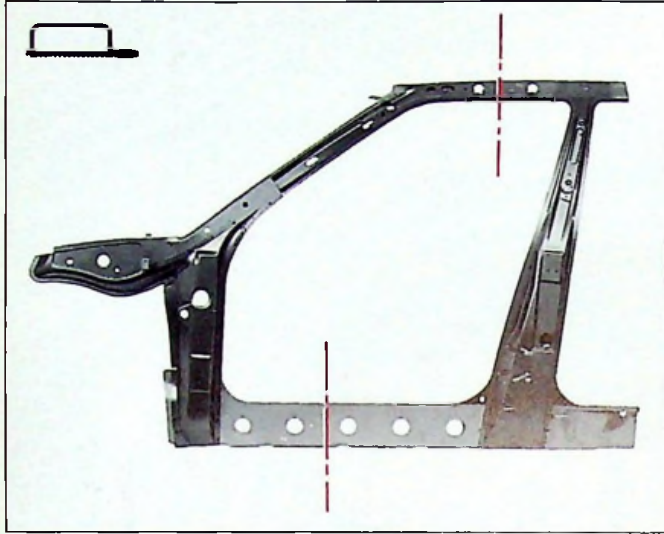
89-192



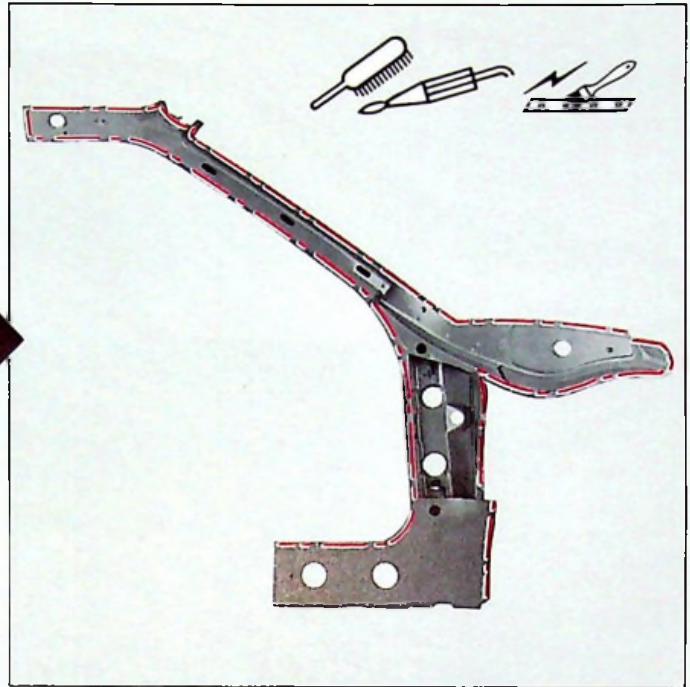
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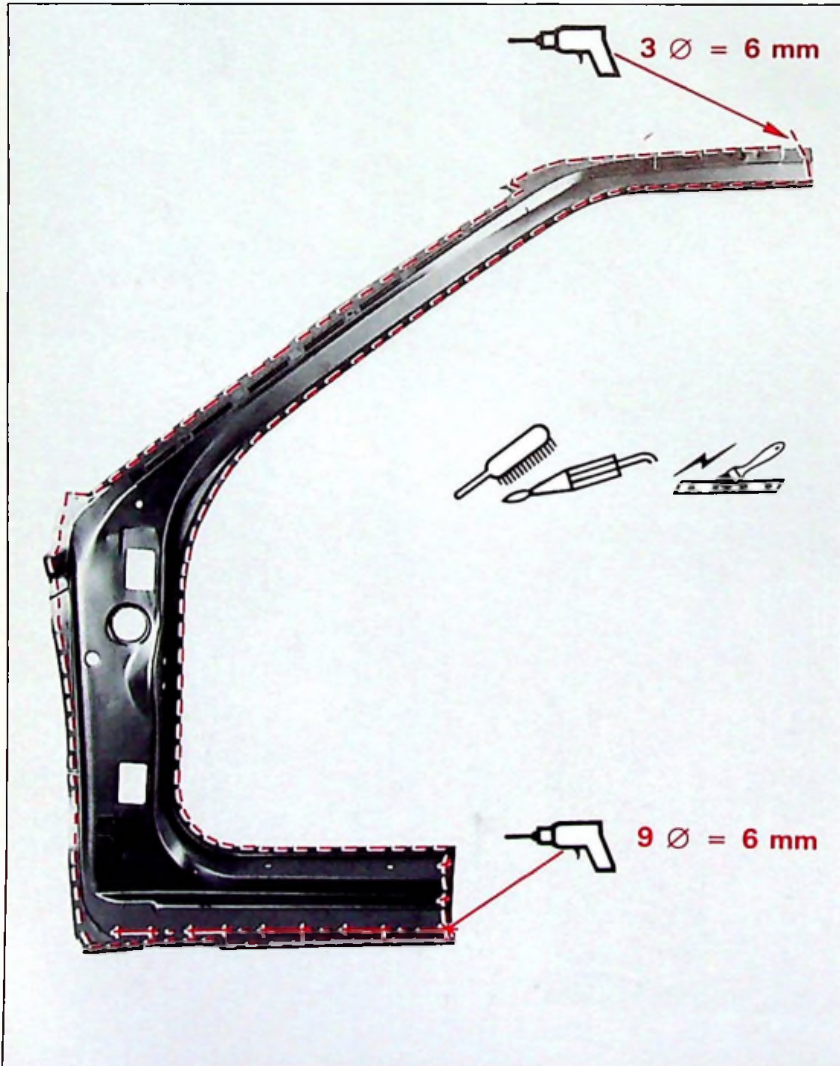
89-208



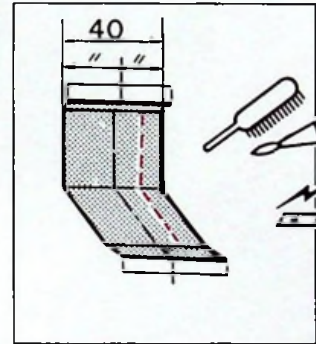
88-785



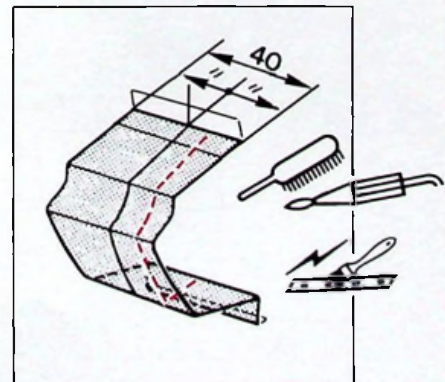
89-215



89-190



Z.82-6



Z.82-2

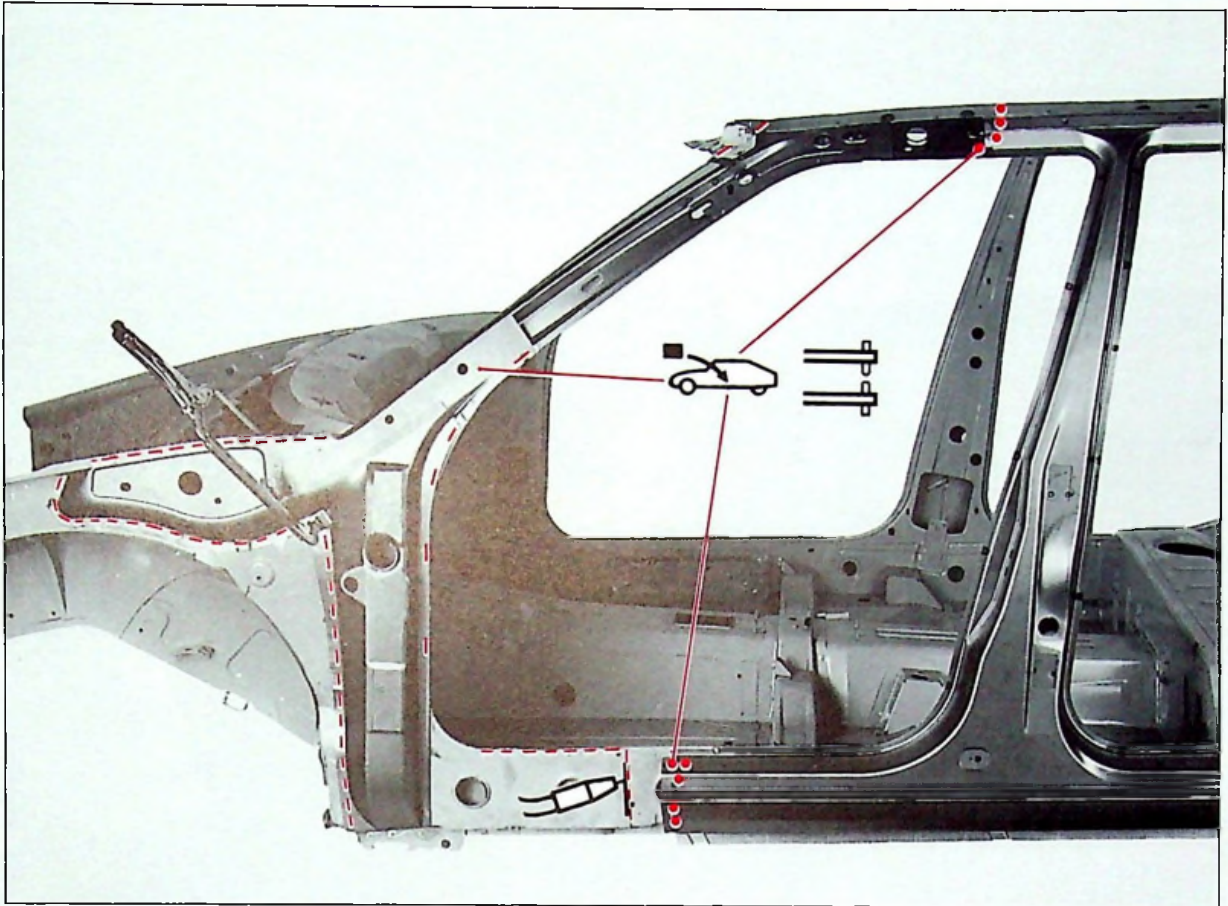


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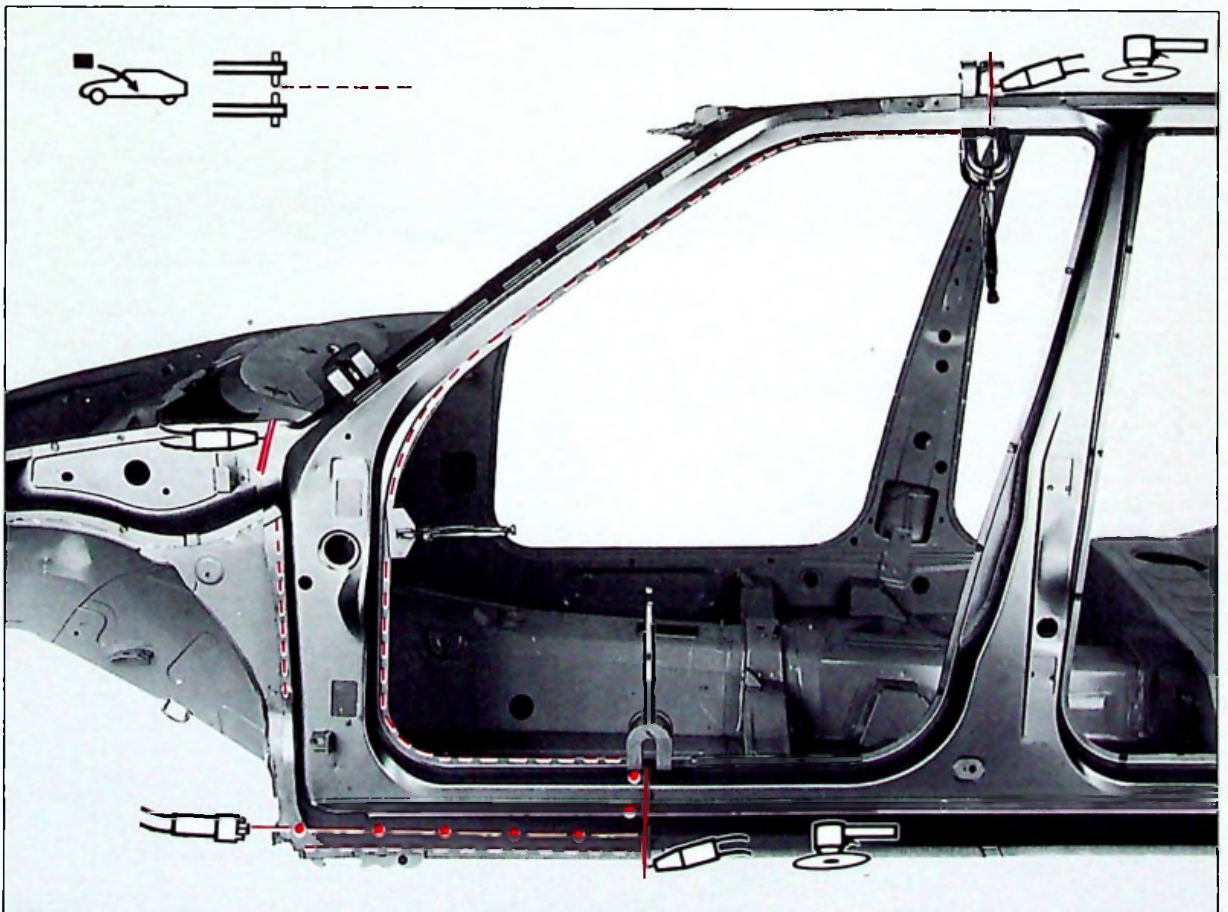


XM
821-3/2

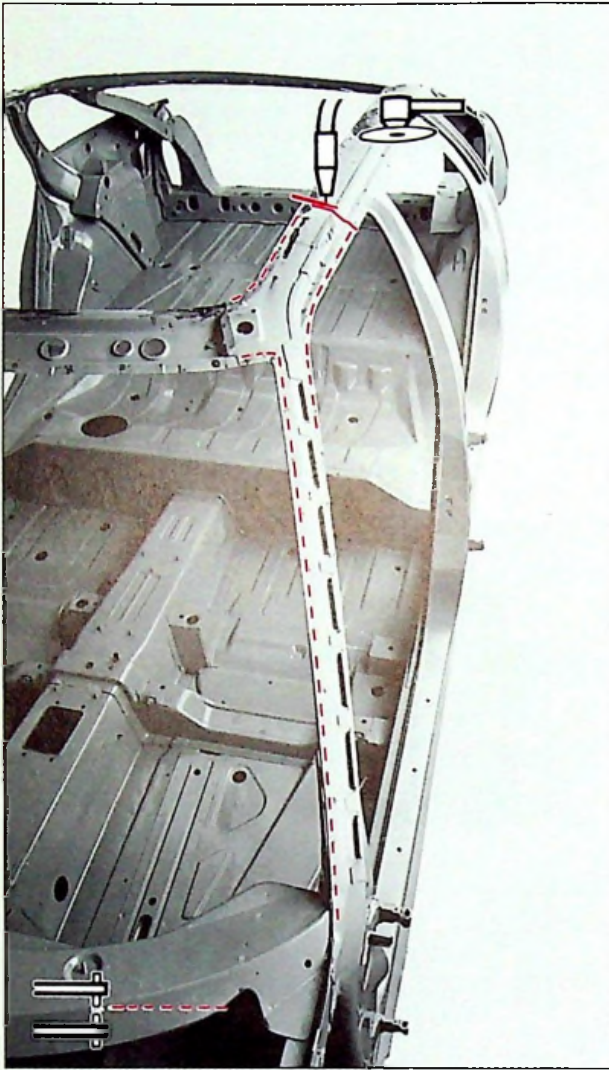
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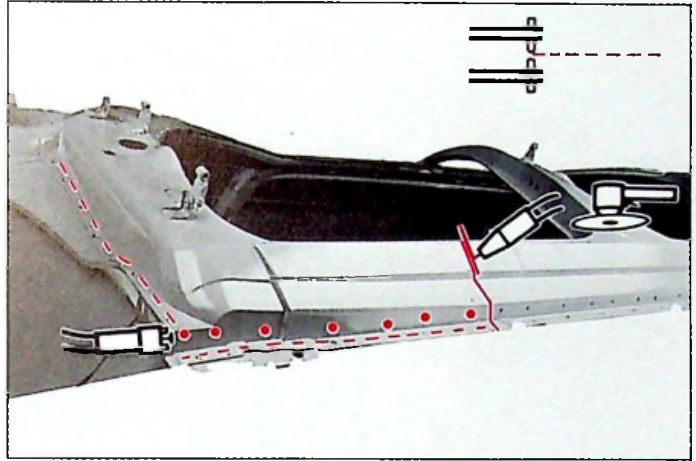
89-213



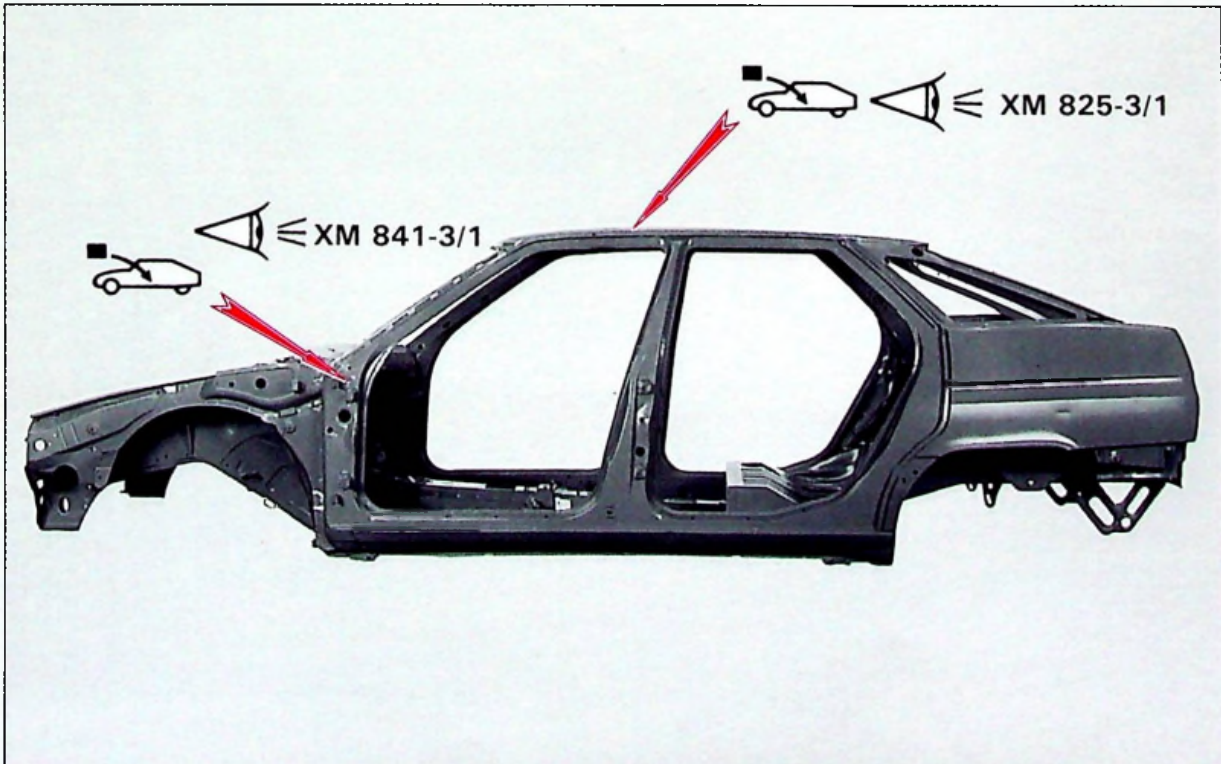
89-209



88-869



88-873



88-358

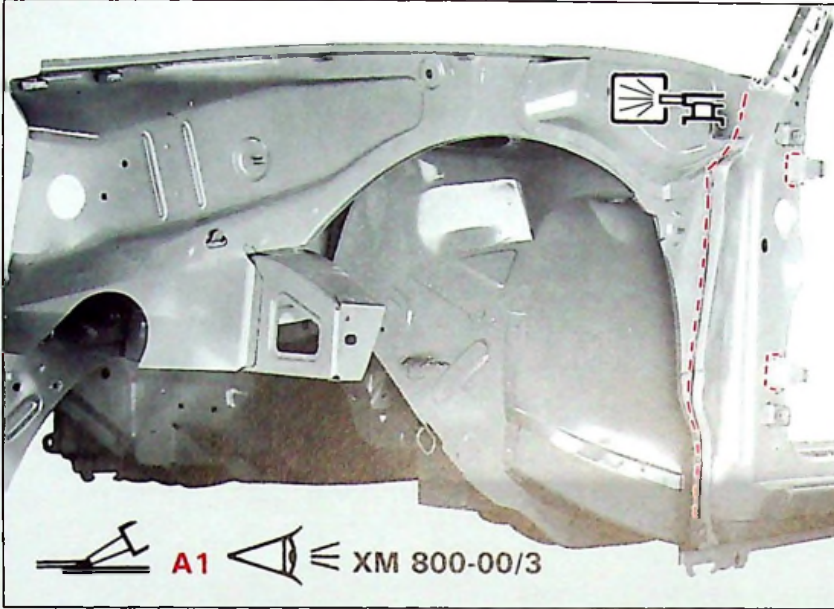


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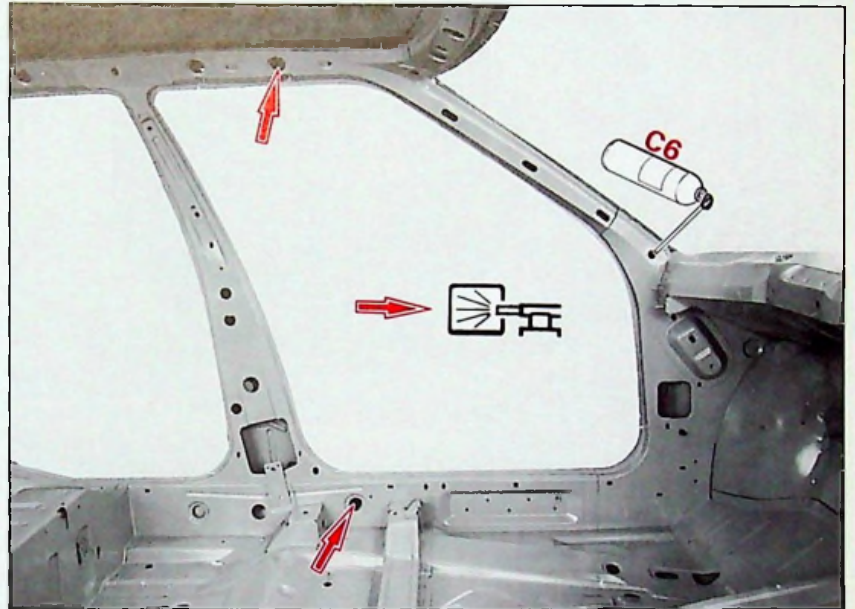


XM
821-3/2

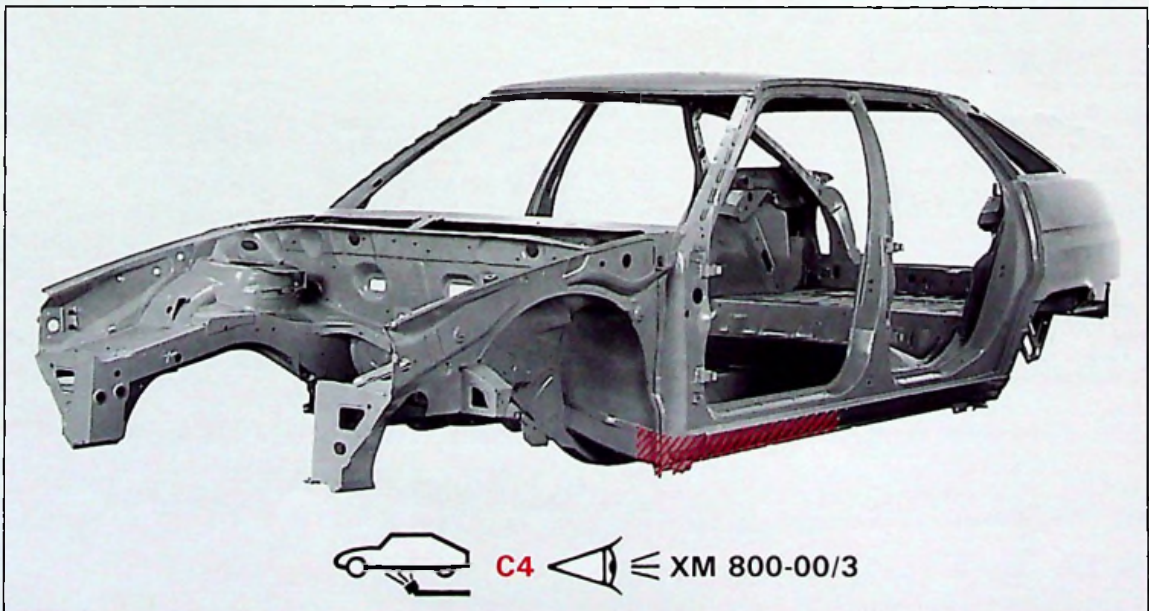
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88-364



88-379



88-359

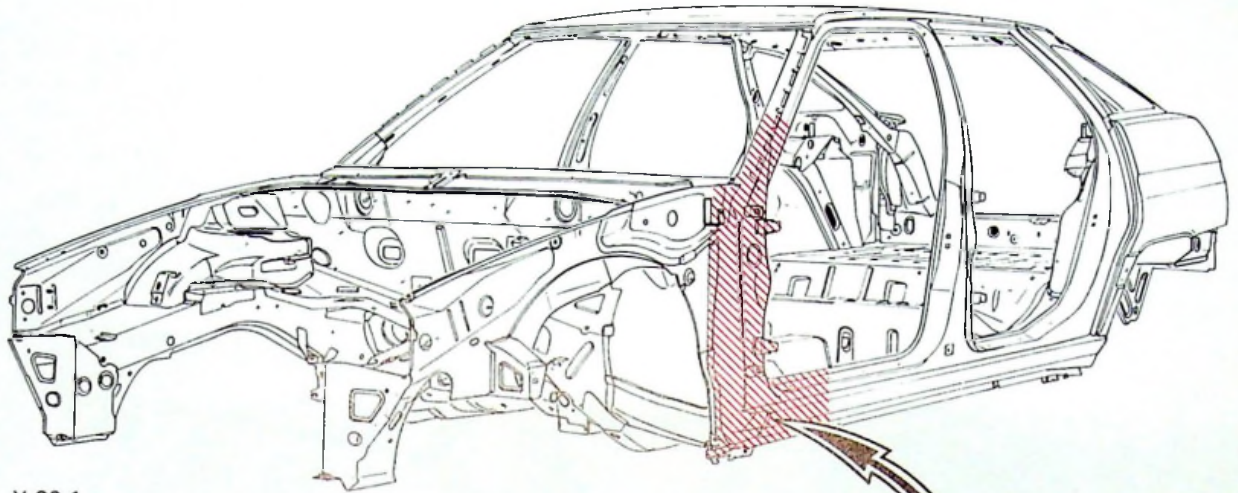


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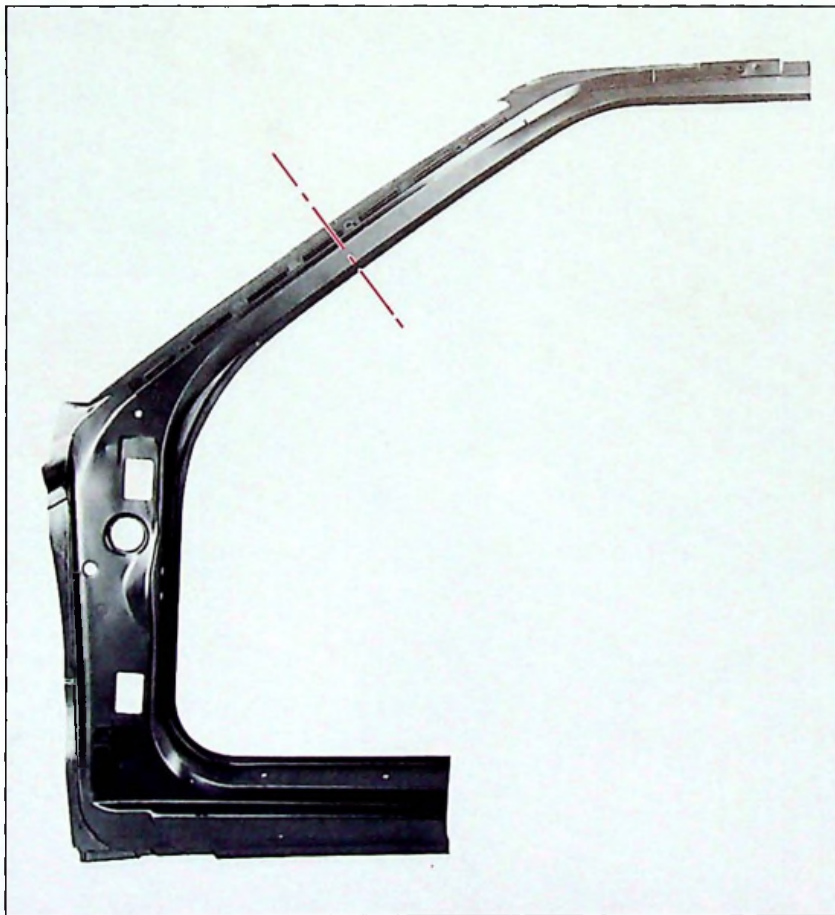


XM
821-3/3

1



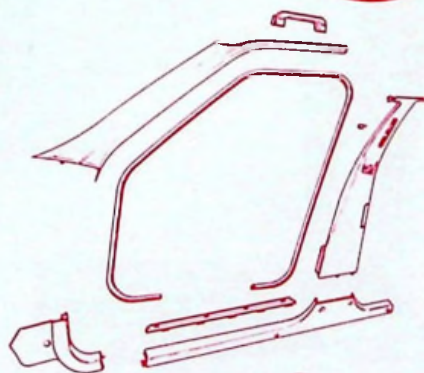
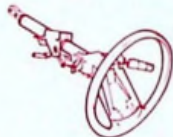
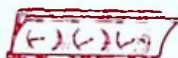
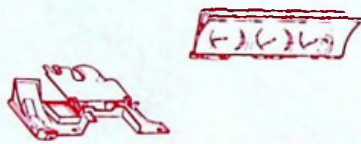
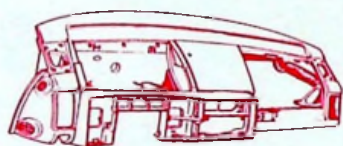
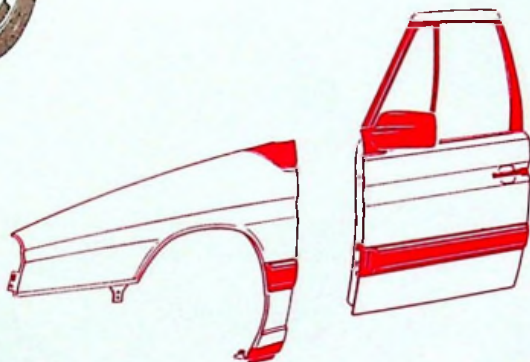
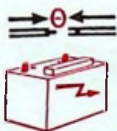
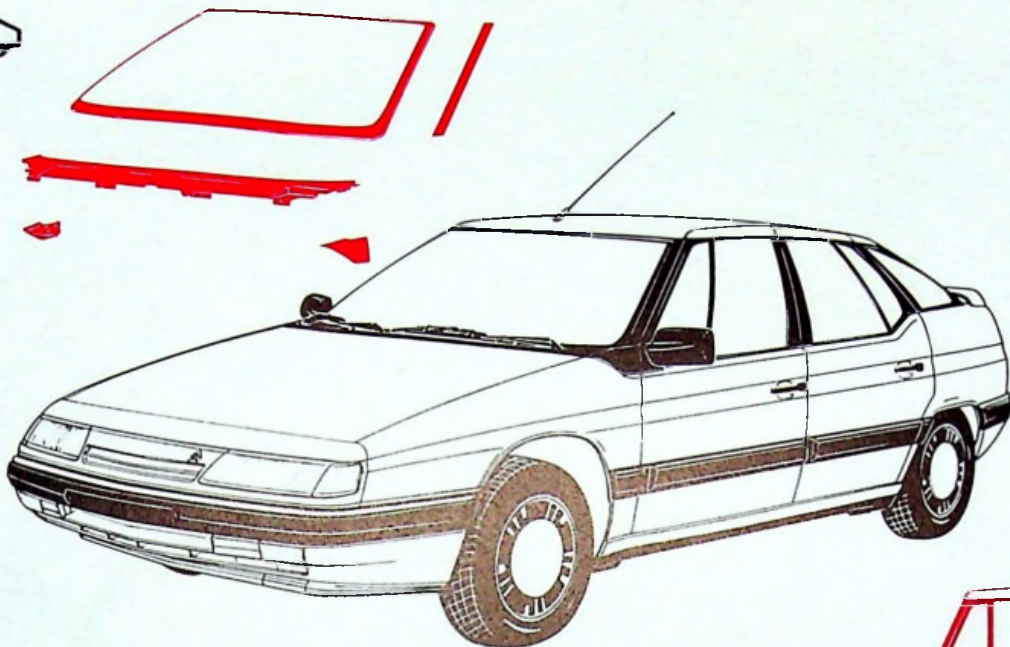
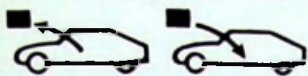
Y.80-1



89-190



88-764



- Y.80-7a
- Y.80-23
- Y.80-24
- Y.80-28

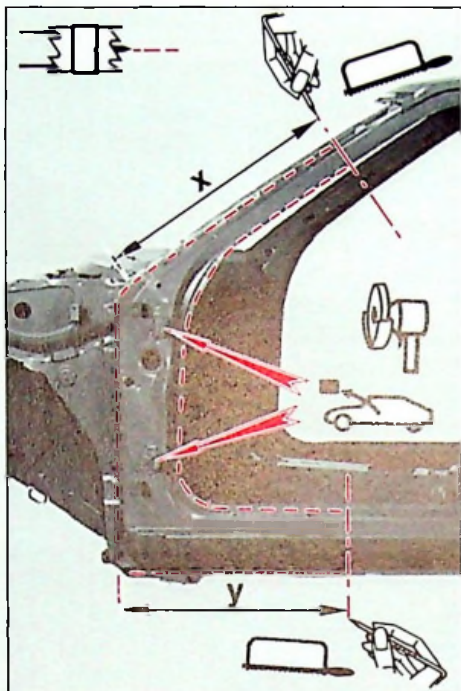


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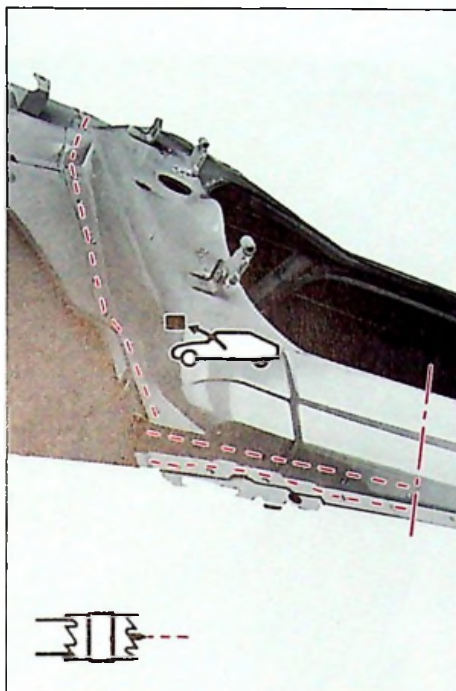


XM
821-3/3

3



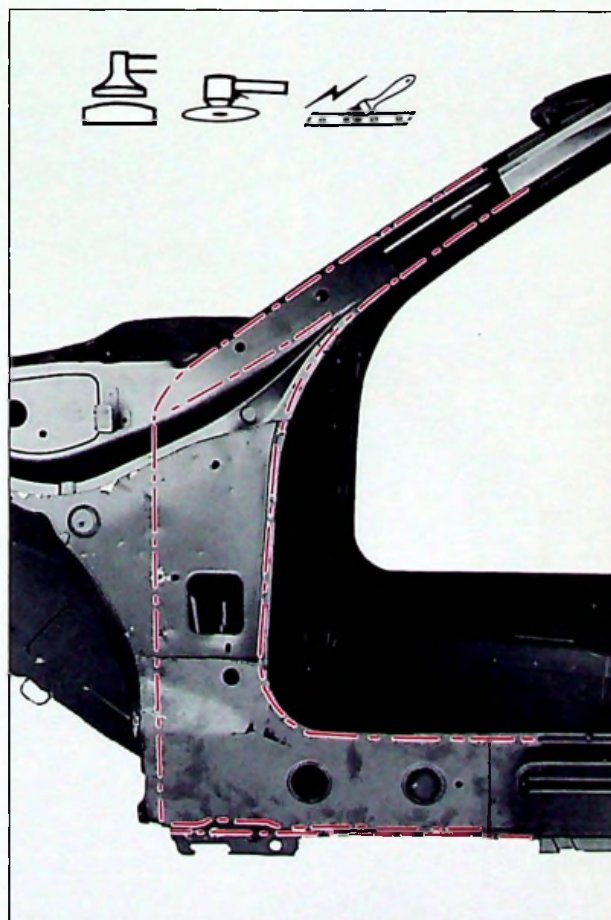
88-358



88-873



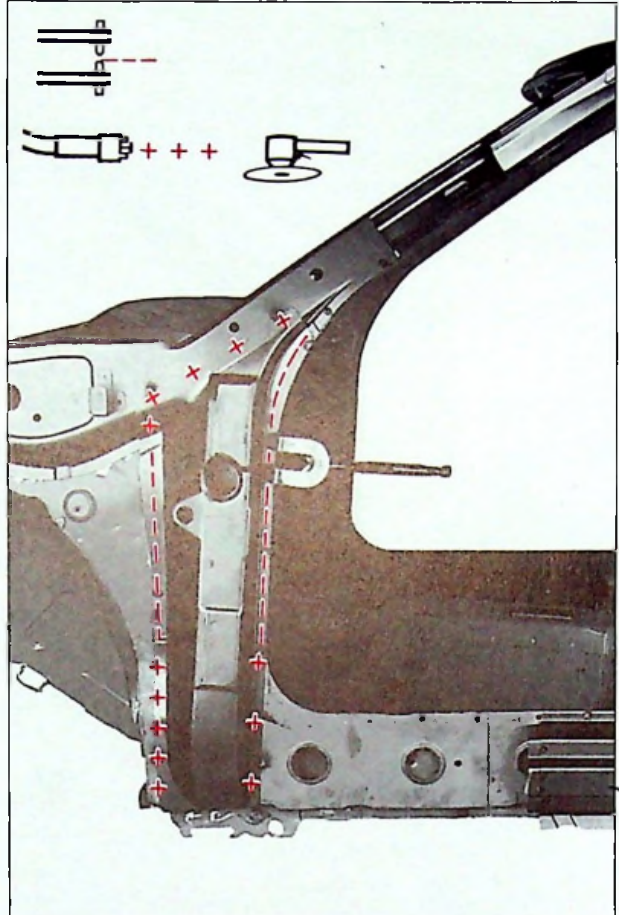
88-892



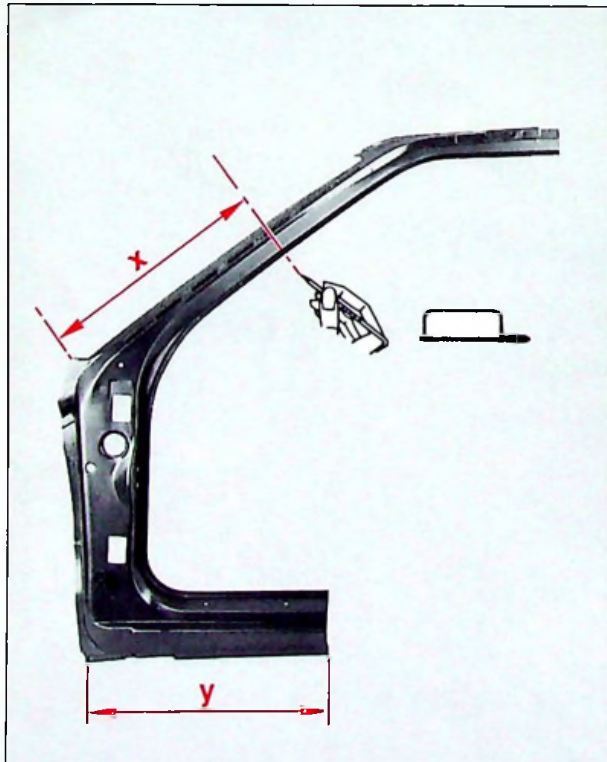
89-205



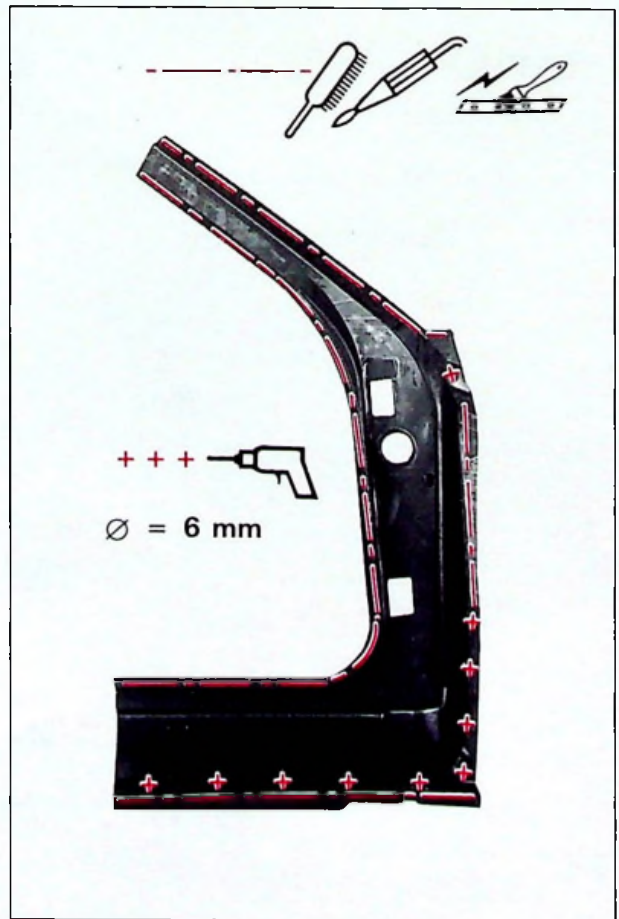
88-764



89-206



89-190



89-207

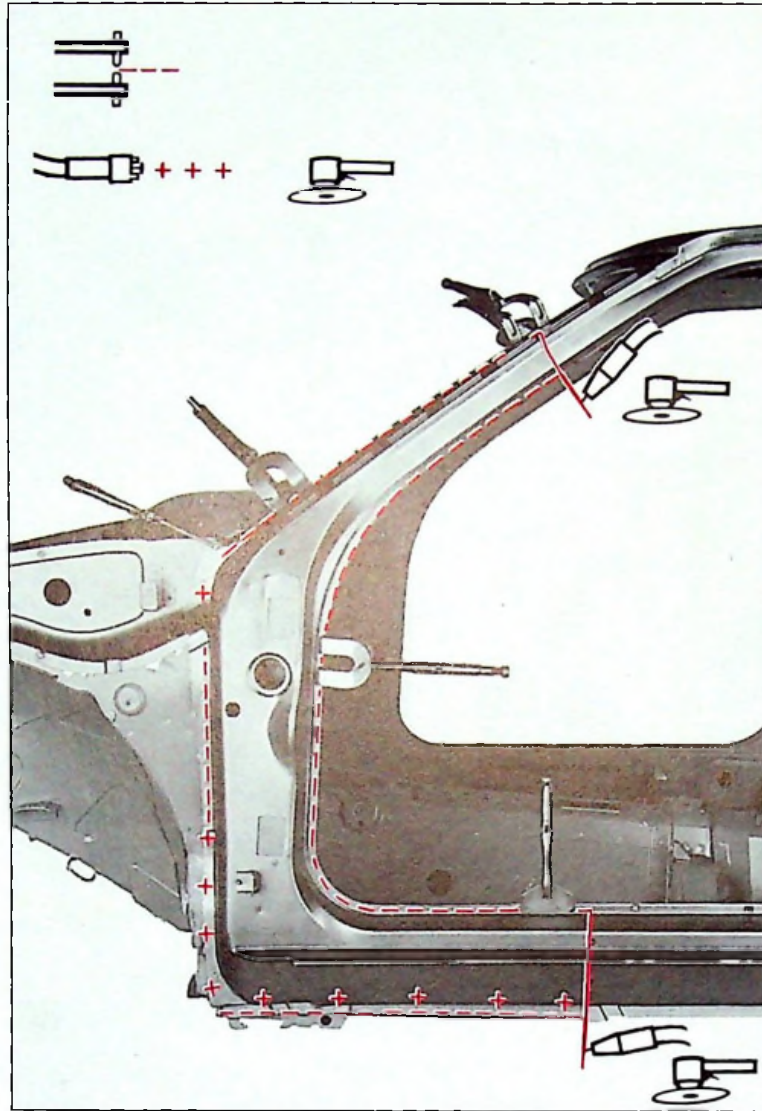


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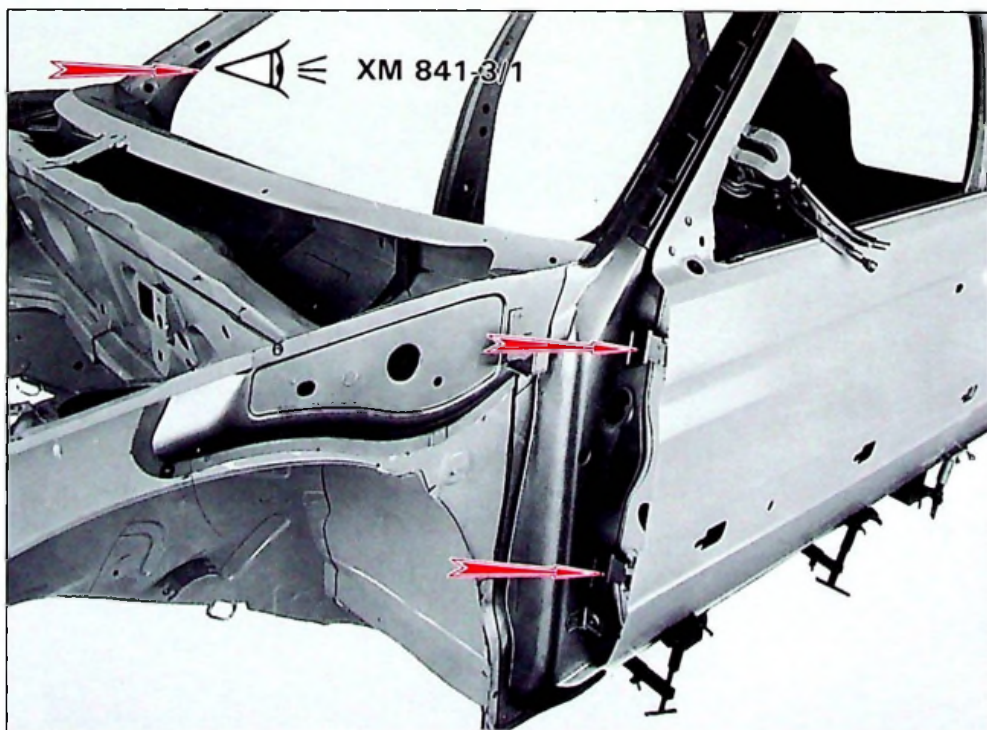


XM
821-3/3

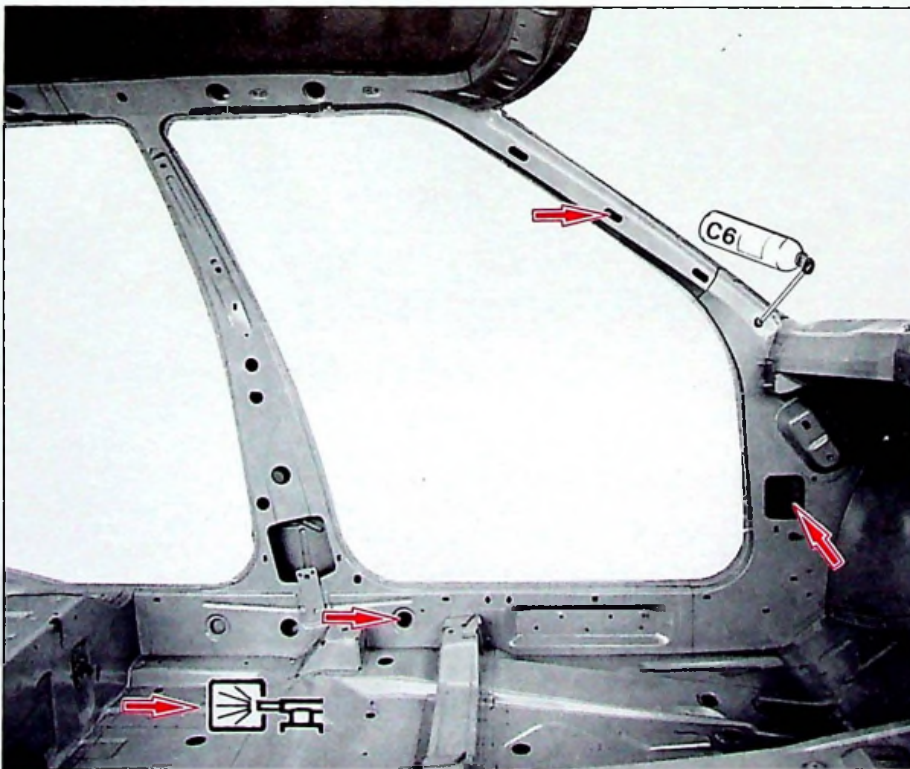
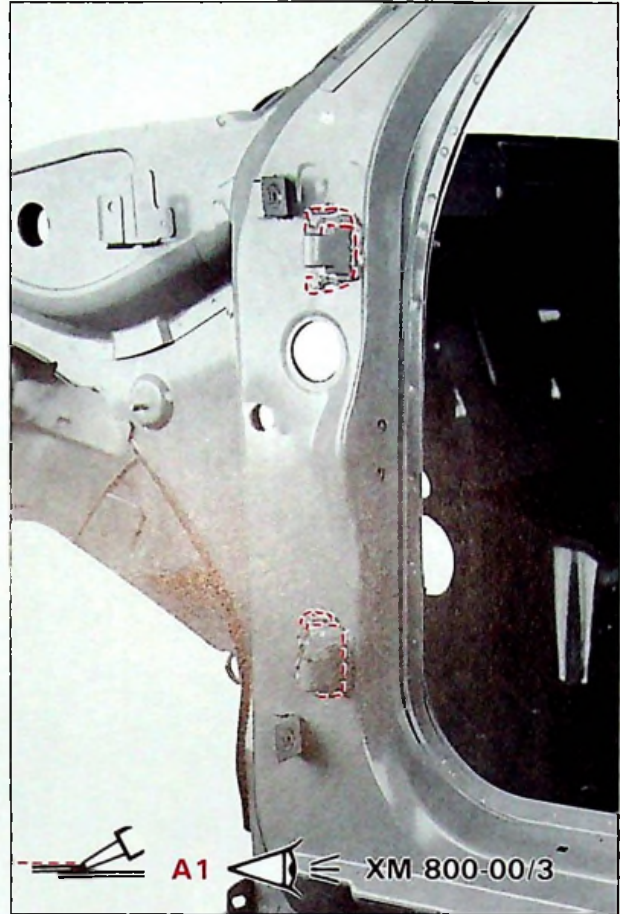
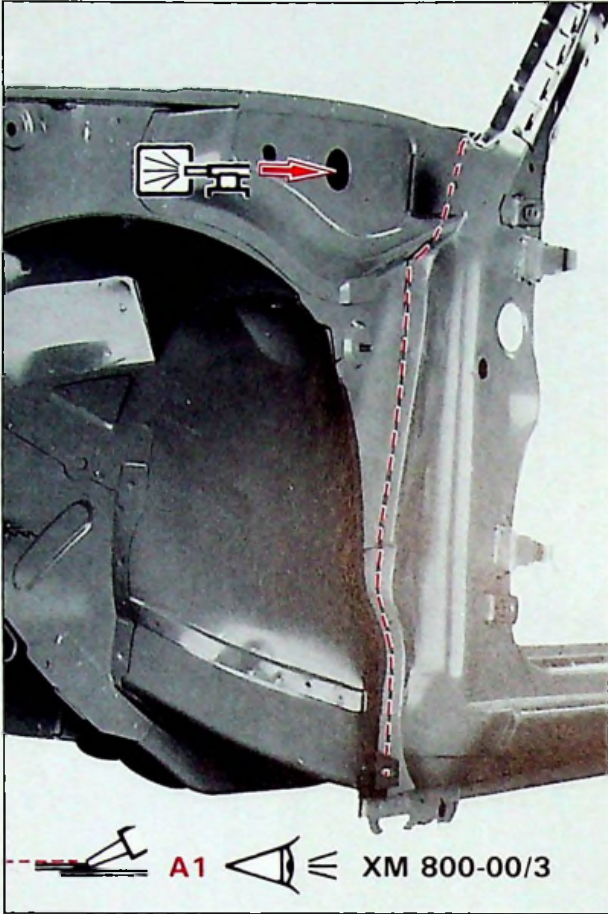
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89-214



89-69



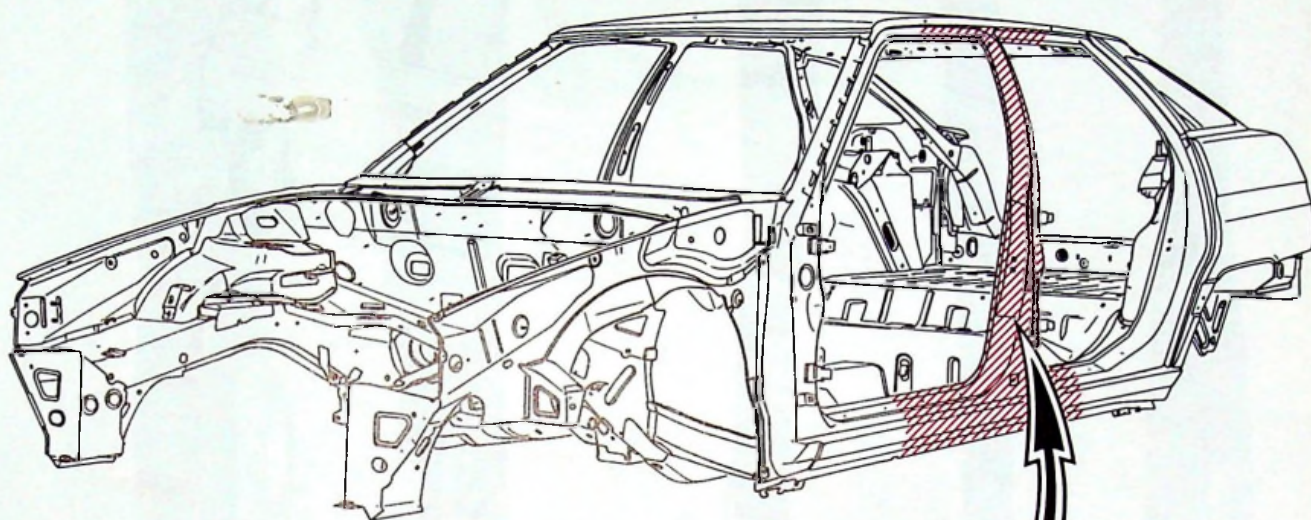


14



XM
821-3/4

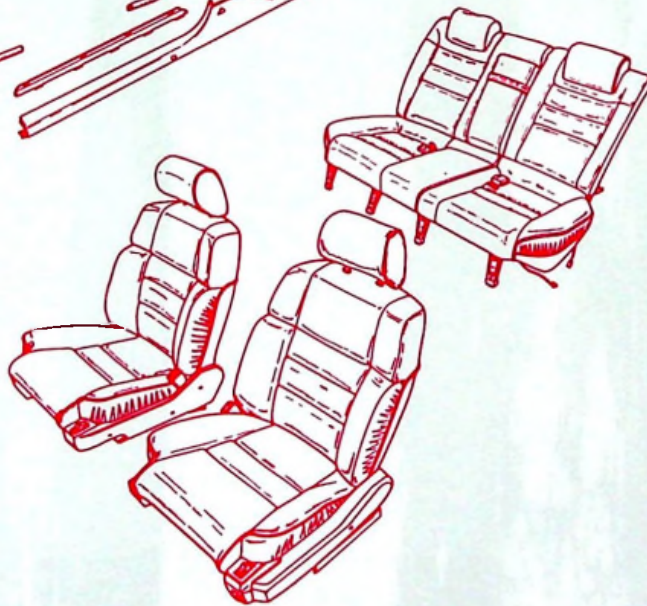
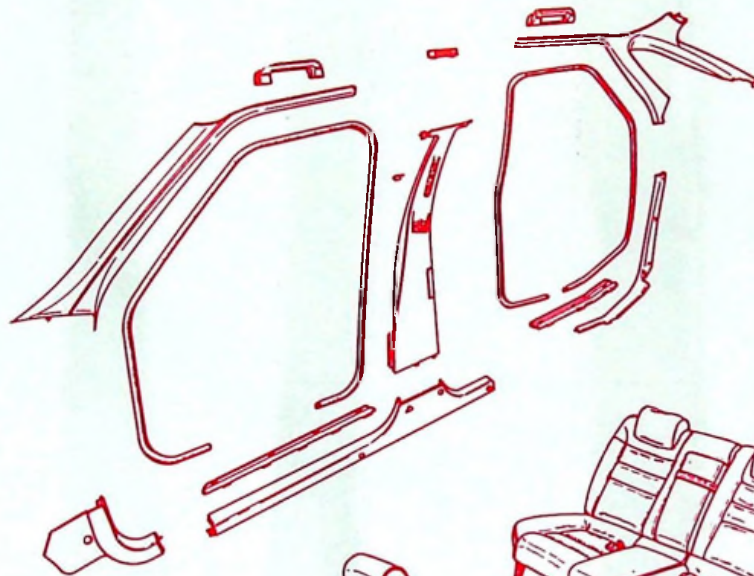
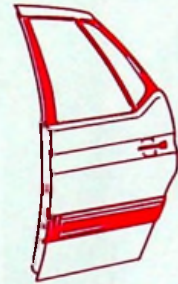
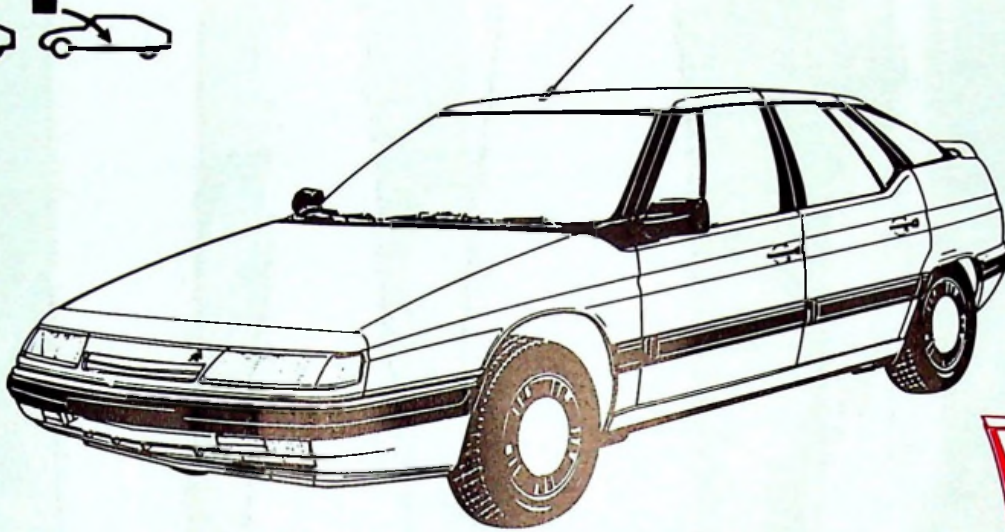
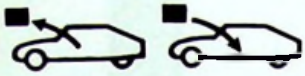
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Y.80-1



89-187



- Y.80-7a
- Y.80-23
- Y.80-24
- Y.80-27

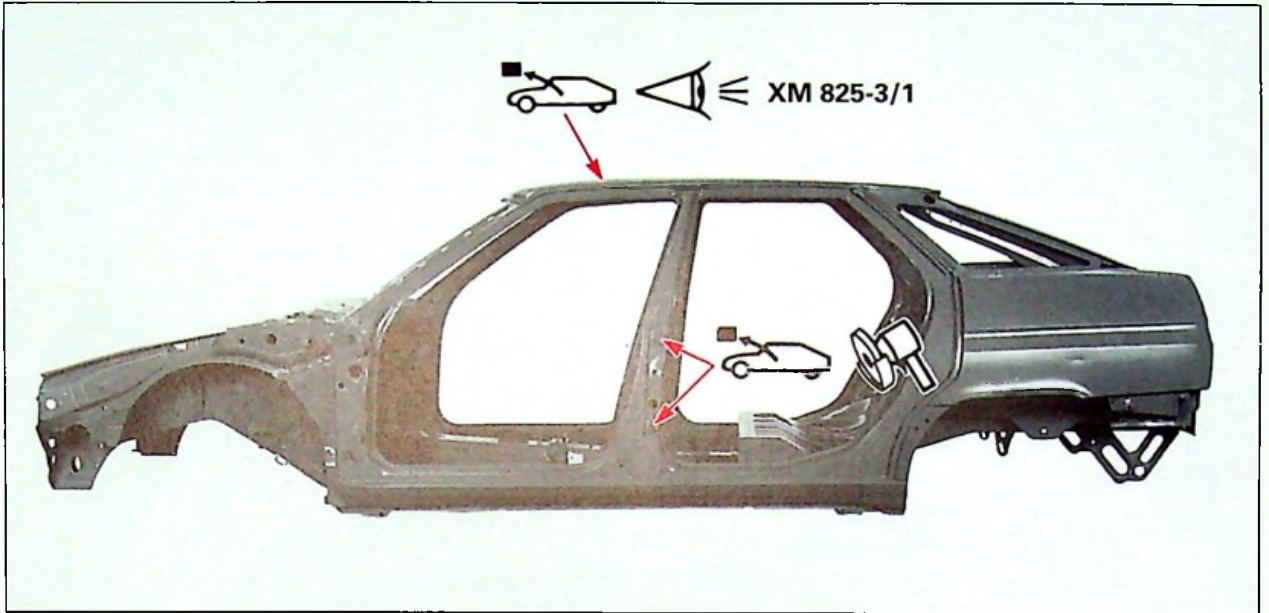


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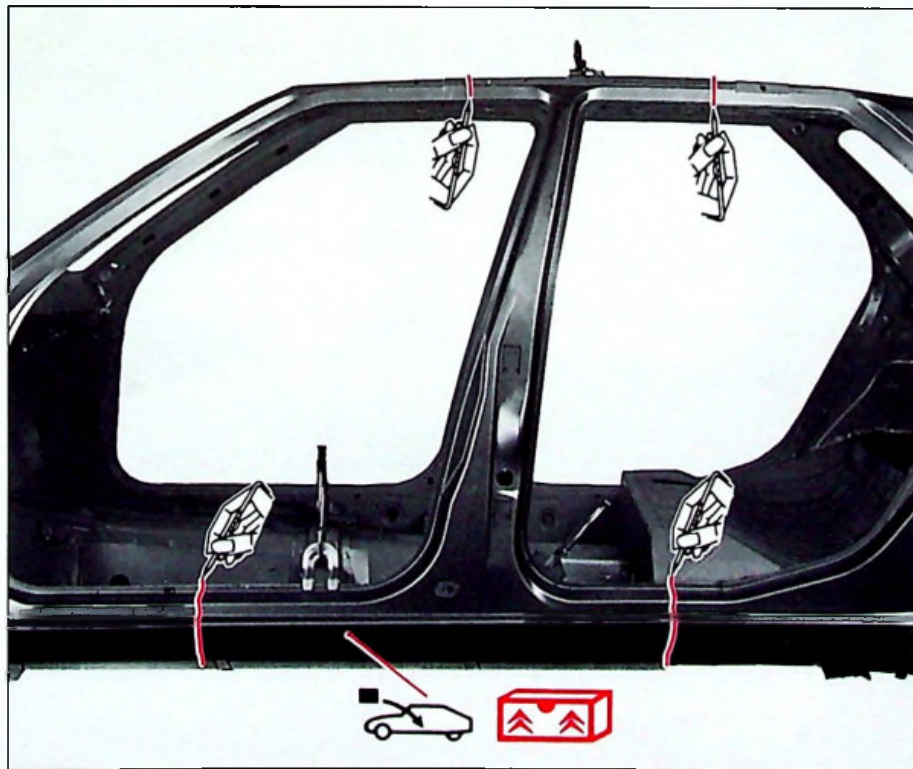


XM
821-3/4

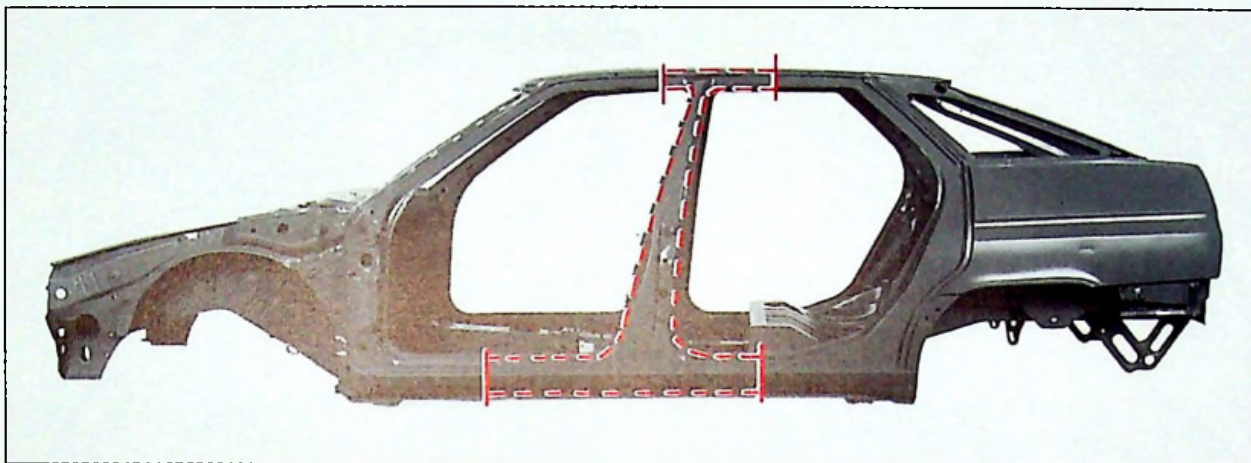
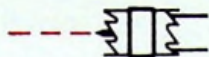
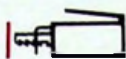
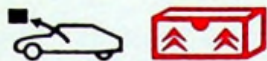
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88-358



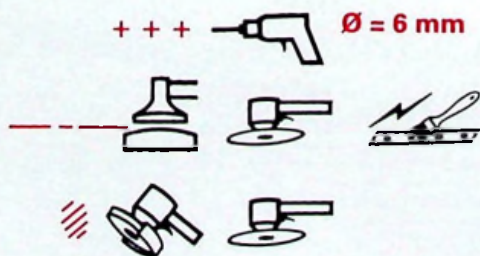
89-1598



88-358



89-1597



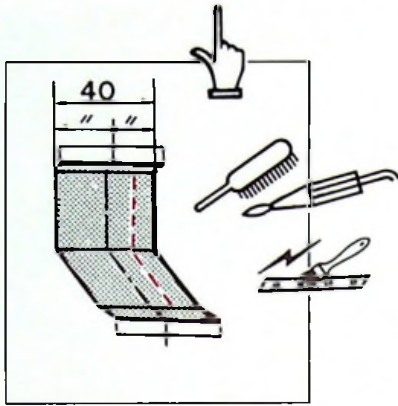


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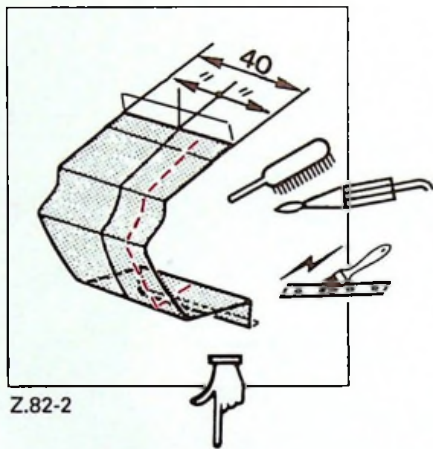


XM
821-3/4

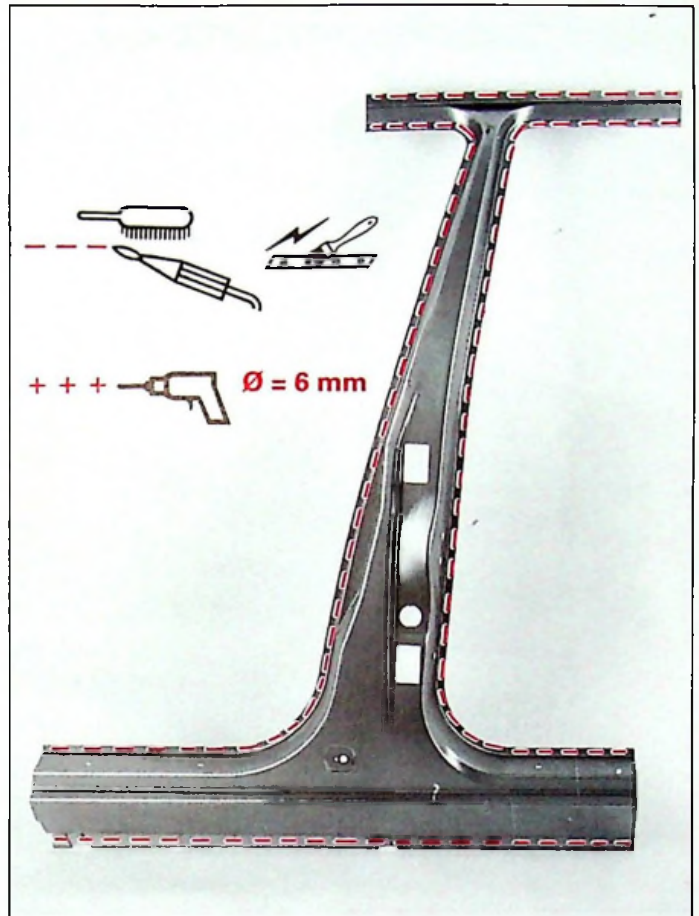
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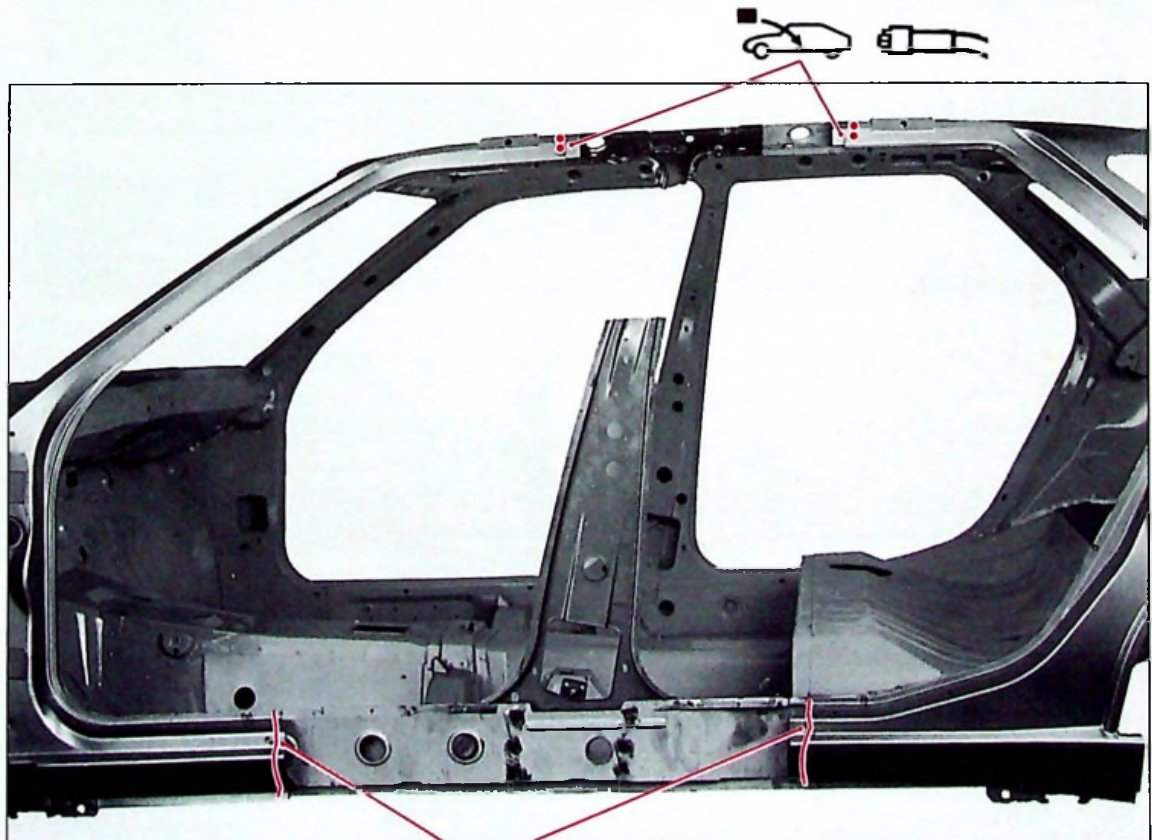
Z.82-6



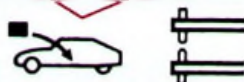
Z.82-2



89-187

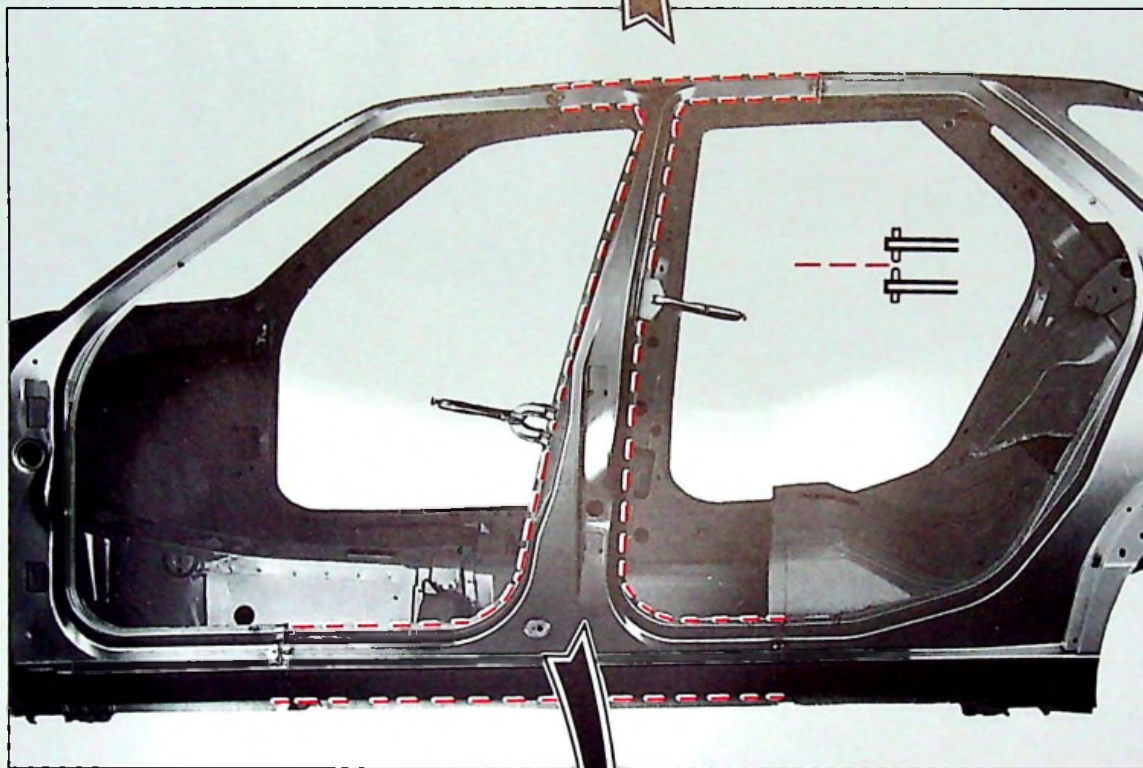
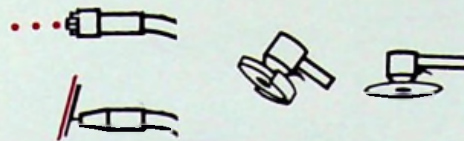


89-1596

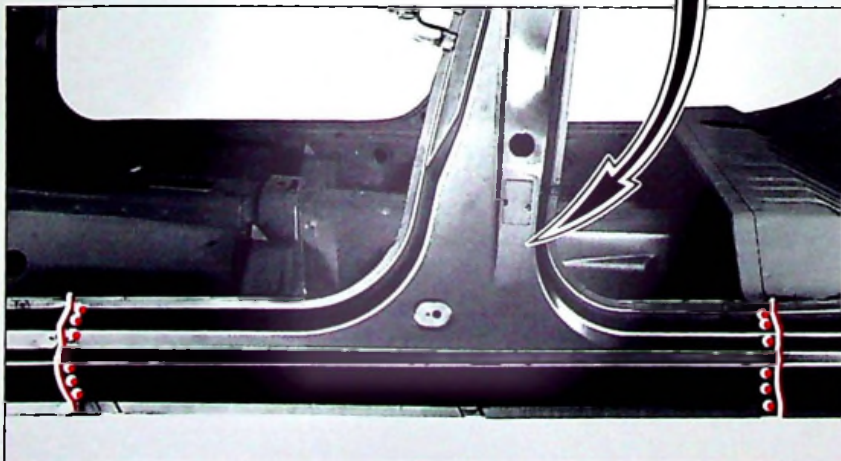




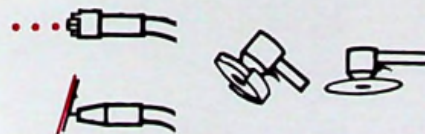
89-1611



89-1609



89-1610



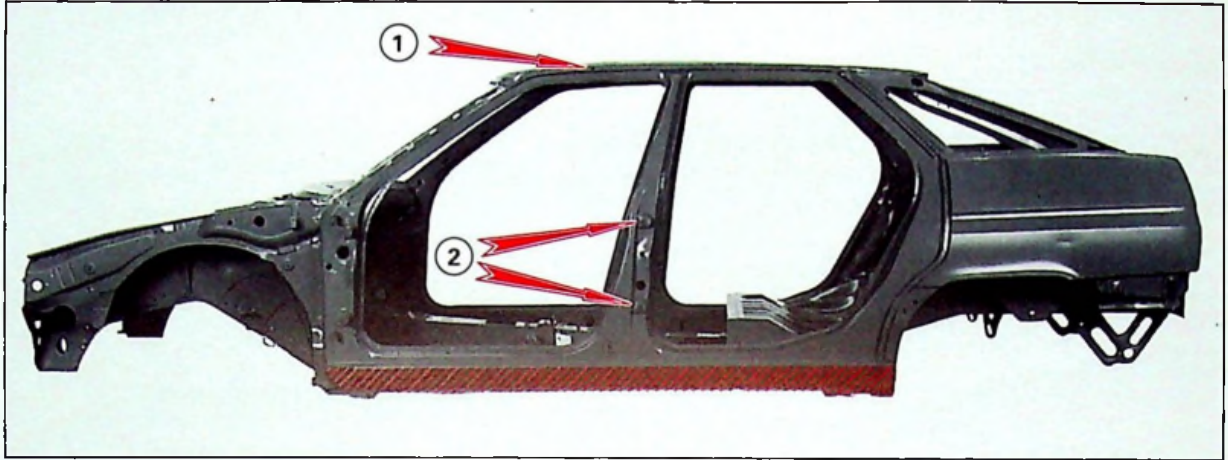


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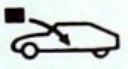


XM
821-3/4

7



88-358



① XM 825-3/1

② XM 841-3/1



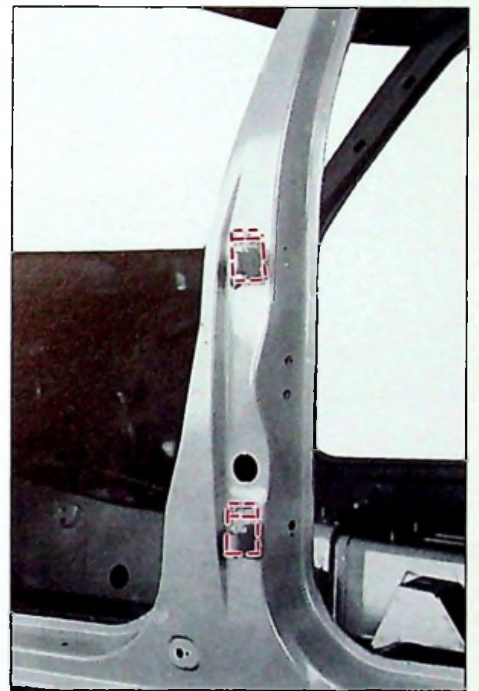
C3



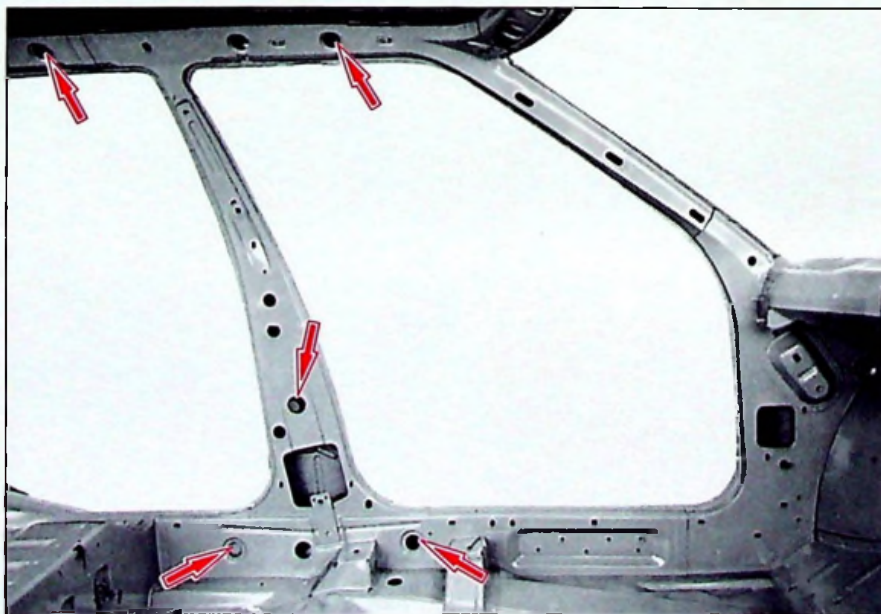
XM 800-00/3



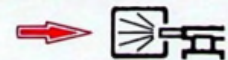
A1



88-473



88-379



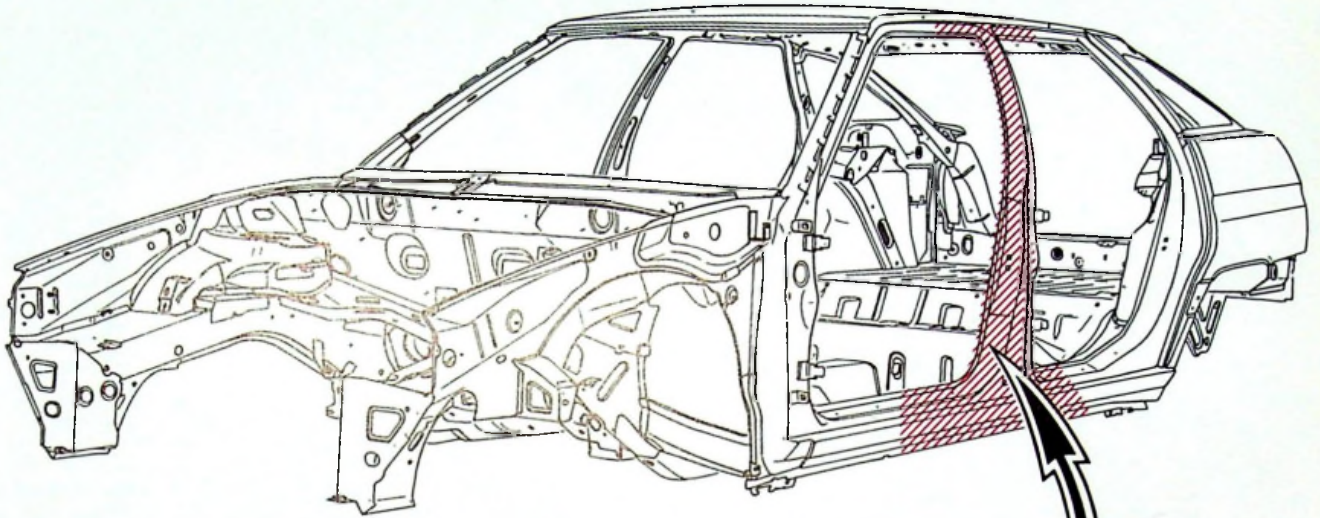


14



XM
821-3/5

1



Y.80-1



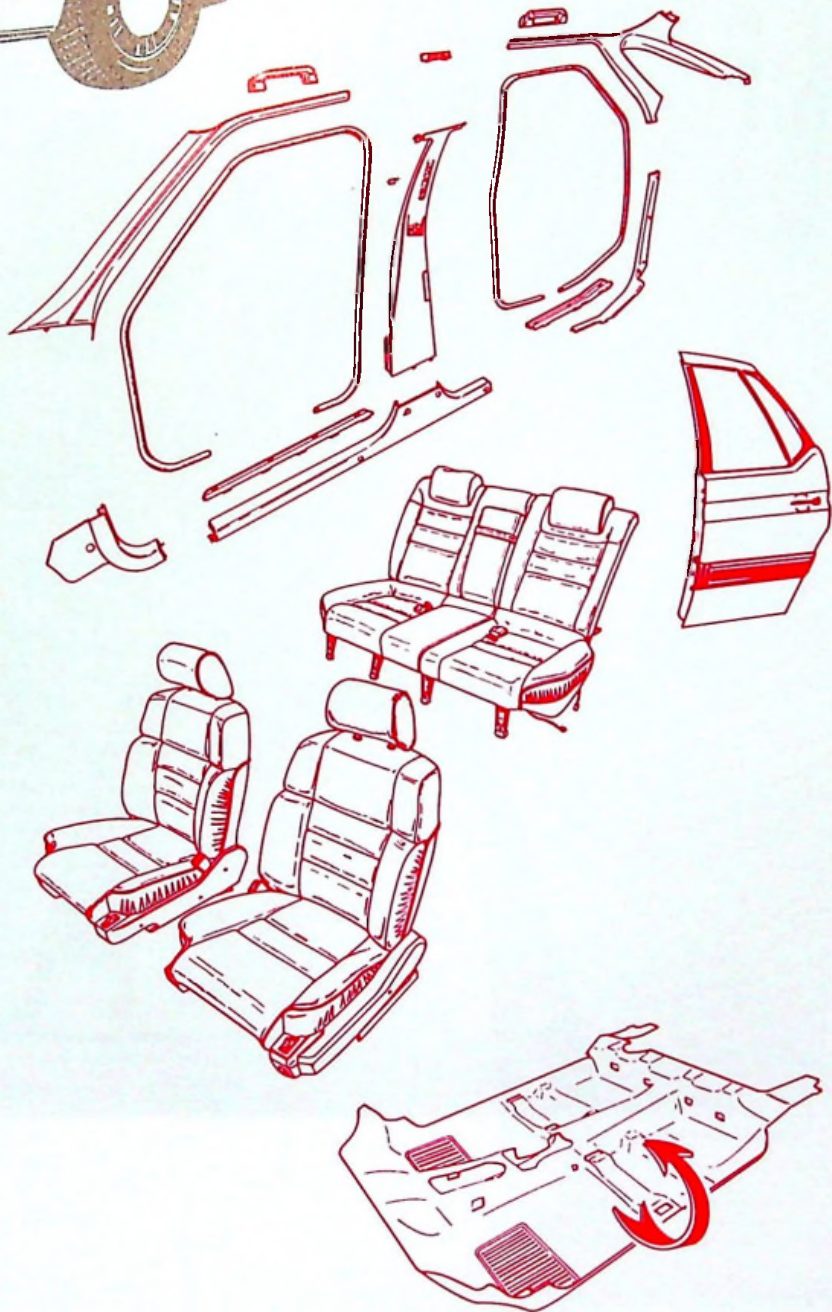
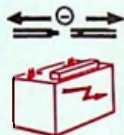
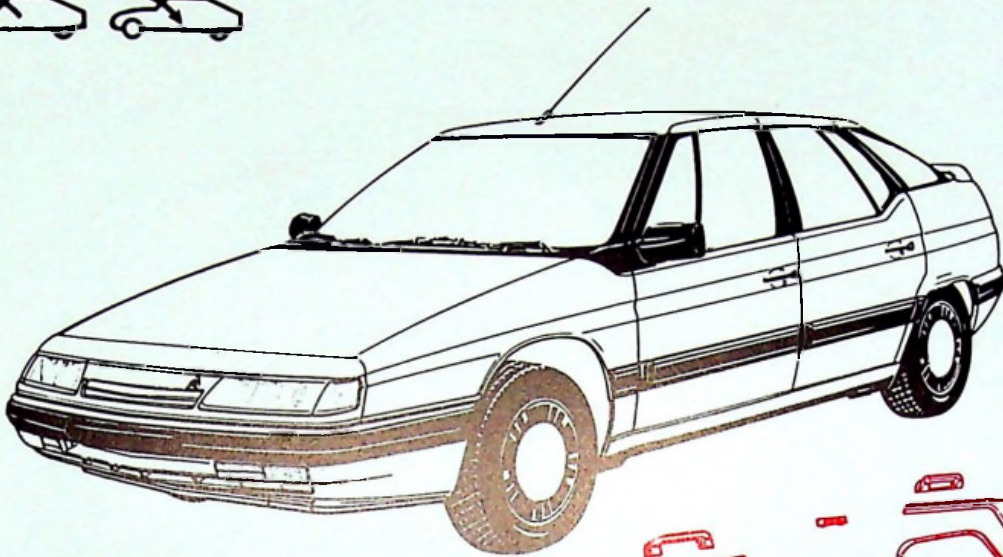
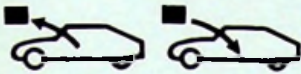
89-187



88-779



88-767



- Y.80-7a
- Y.80-23
- Y.80-24
- Y.80-27

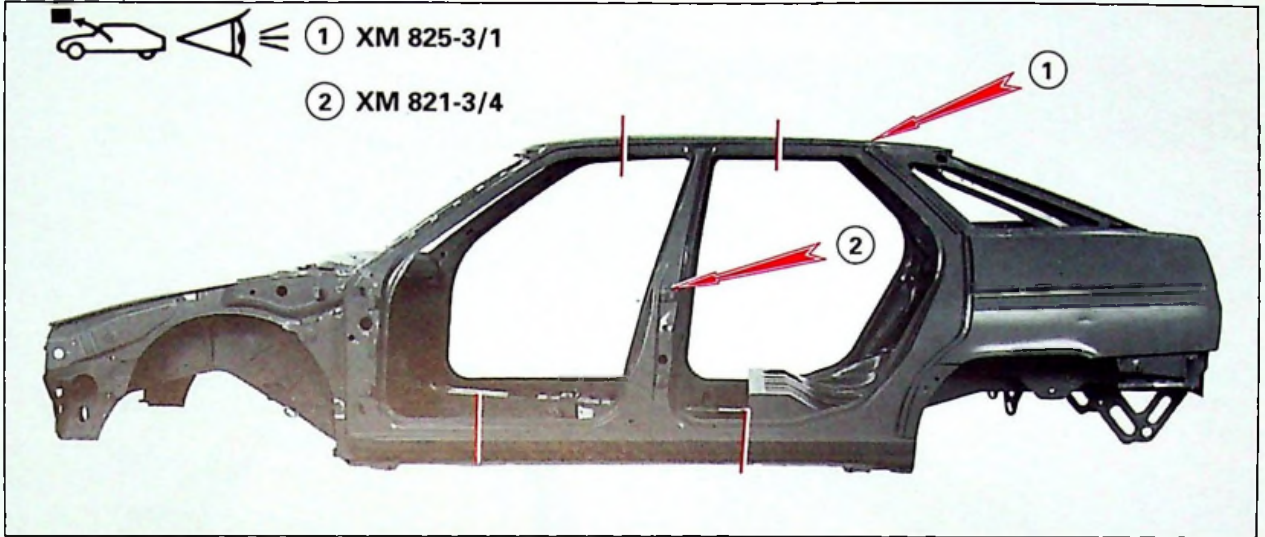


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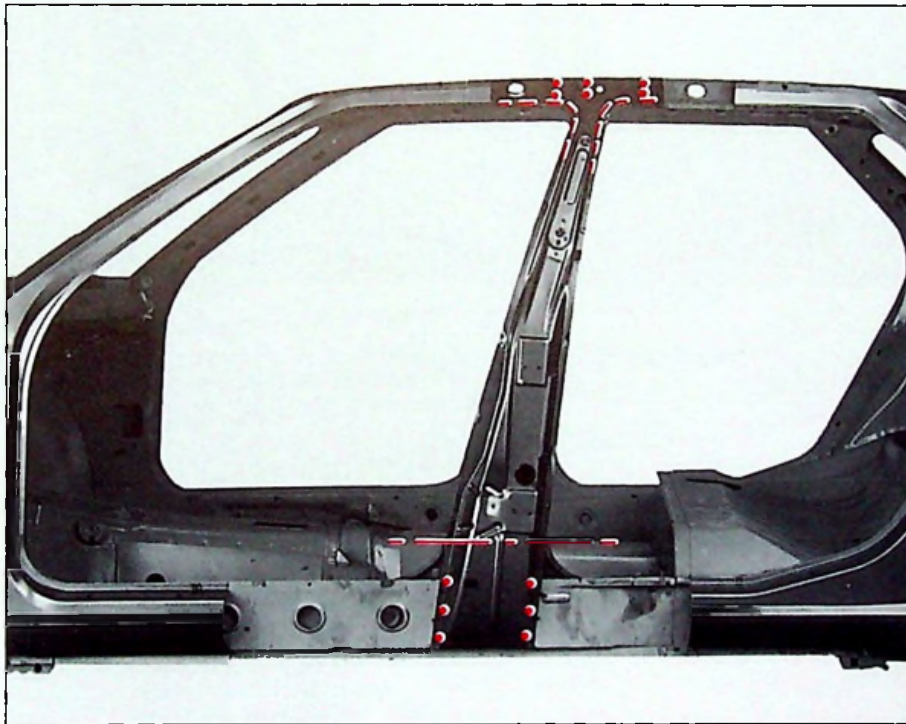


XM
821-3/5

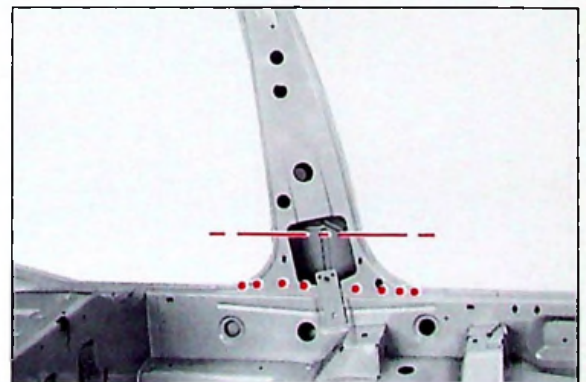
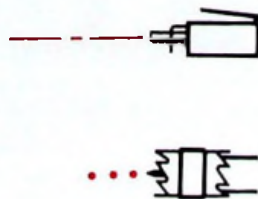
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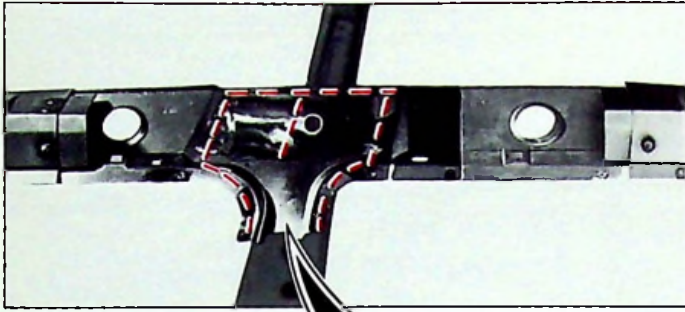
88-358



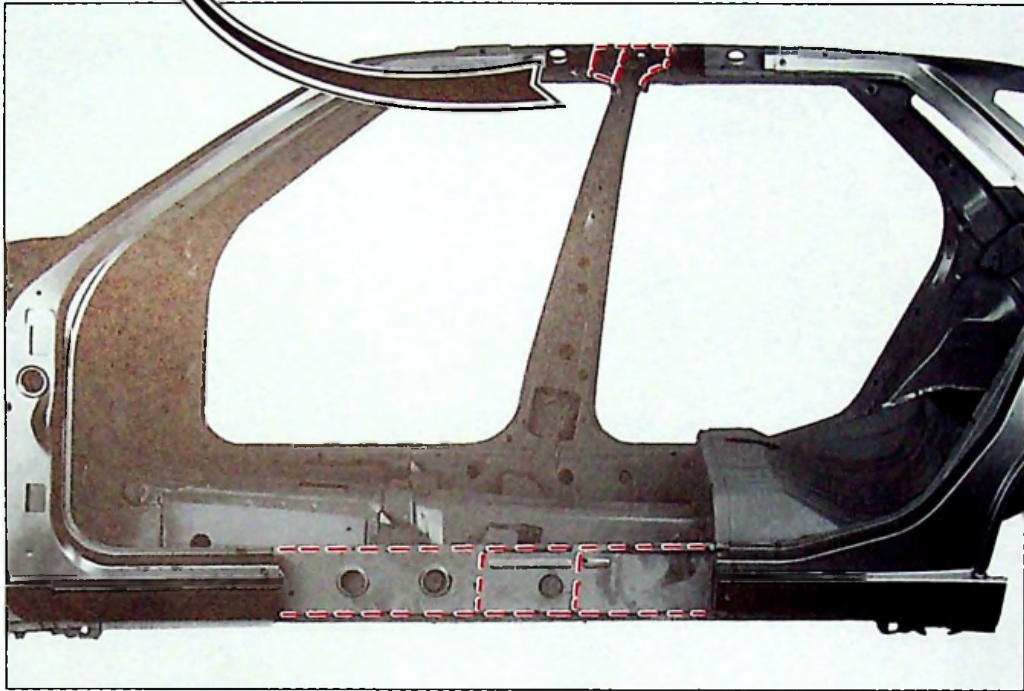
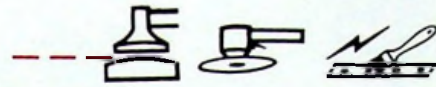
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88-379



89-1601



89-1595



88-767



88-779

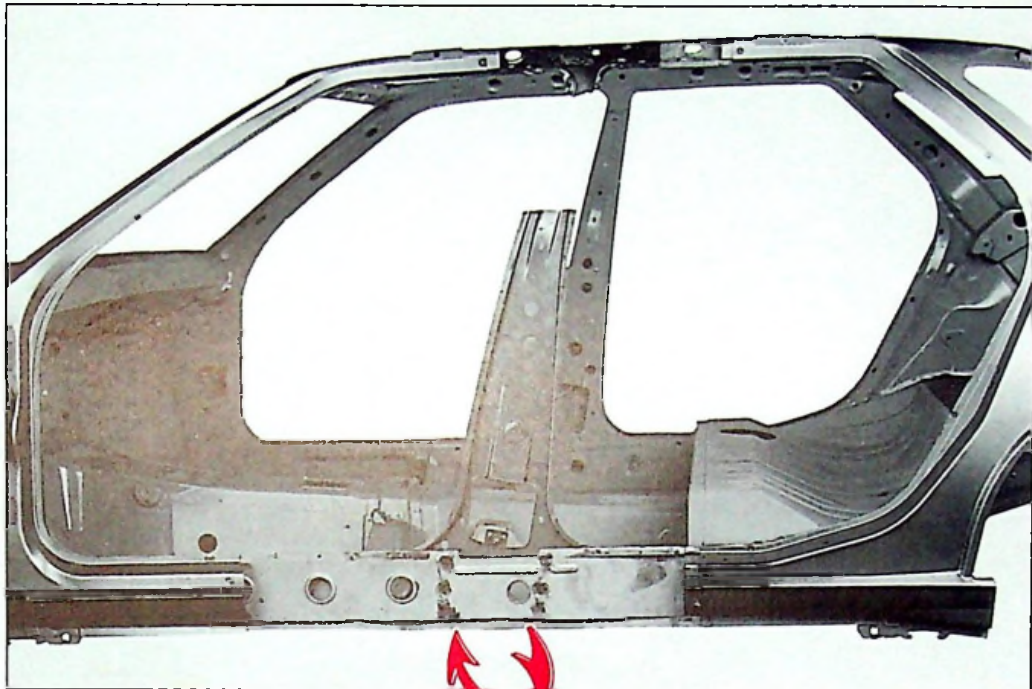


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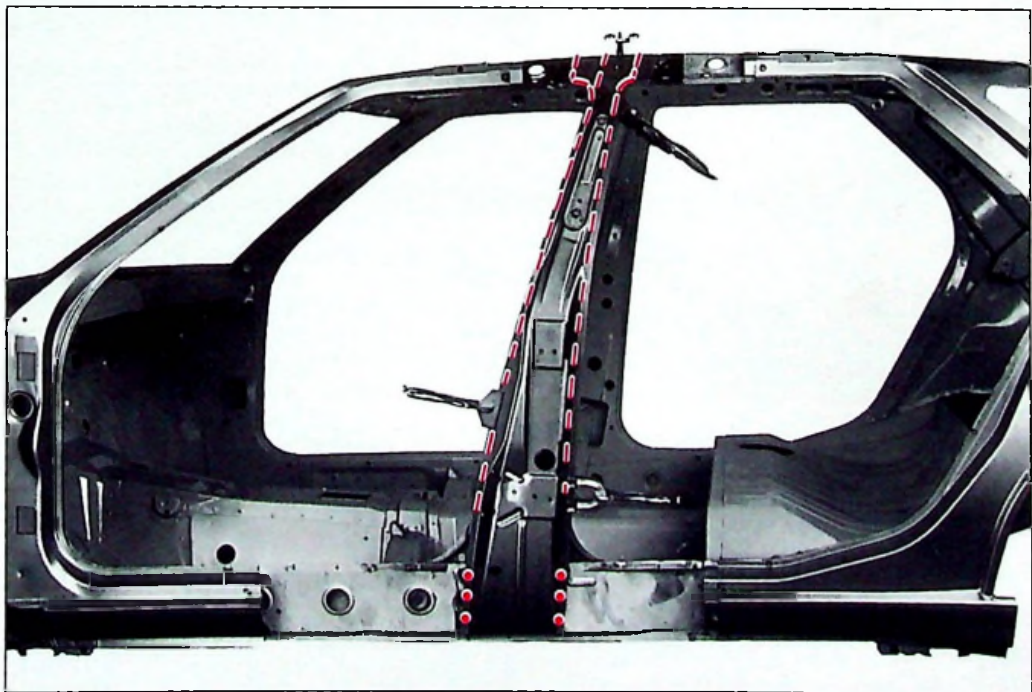


XM
821-3/5

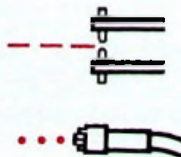
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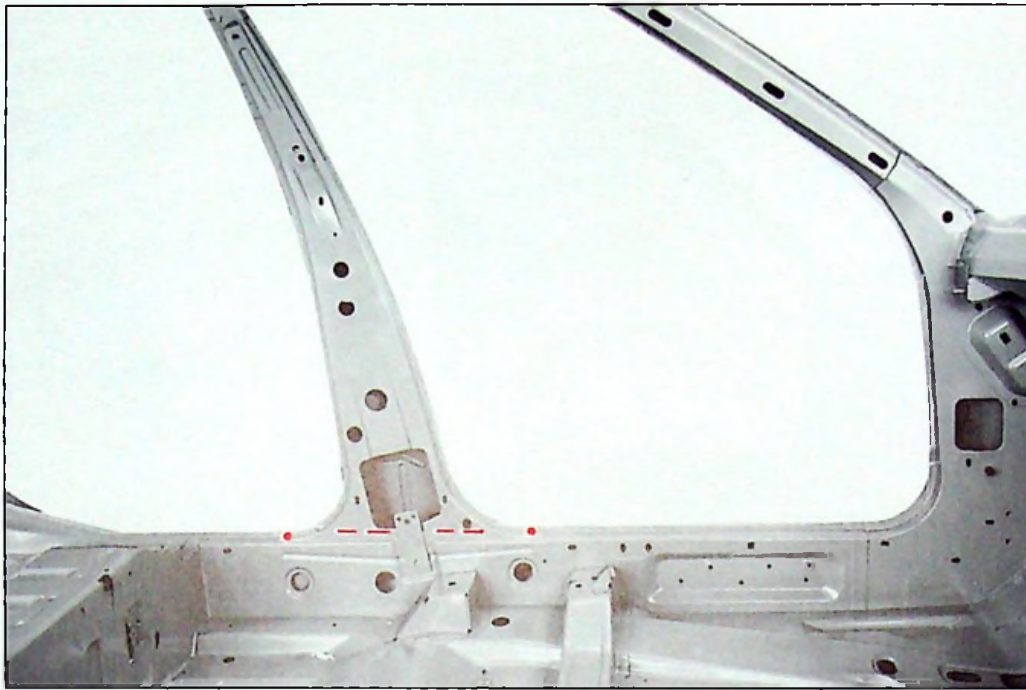


89-1596

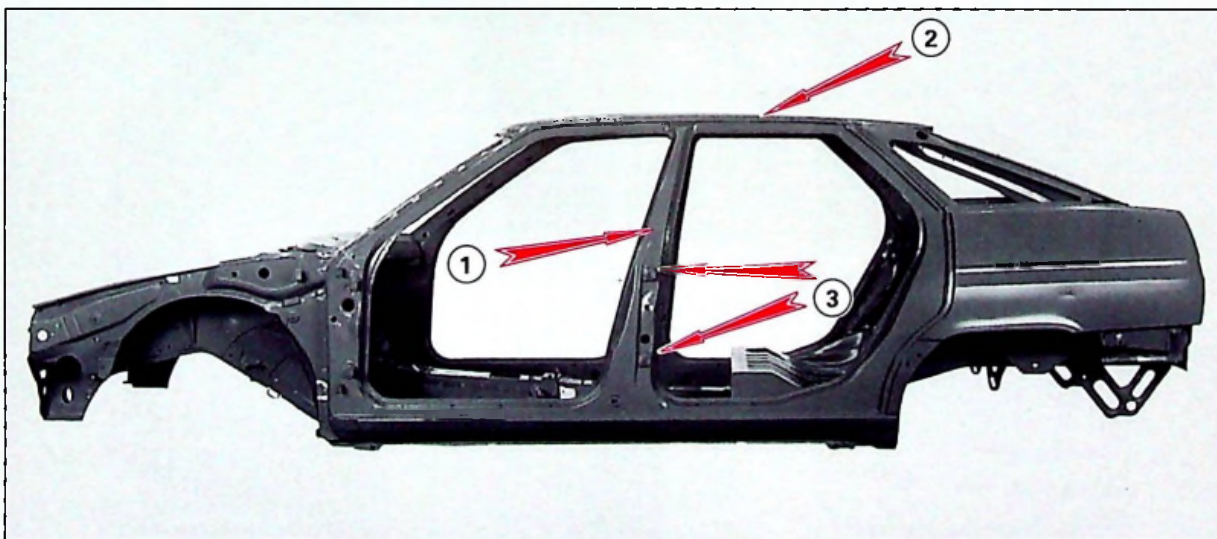
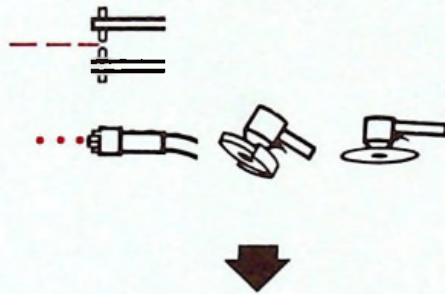


89-1599

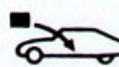







88-379



88-358

-   ① XM 821-3/4
-  ② XM 825-3/1
-  ③ XM 841-3/1

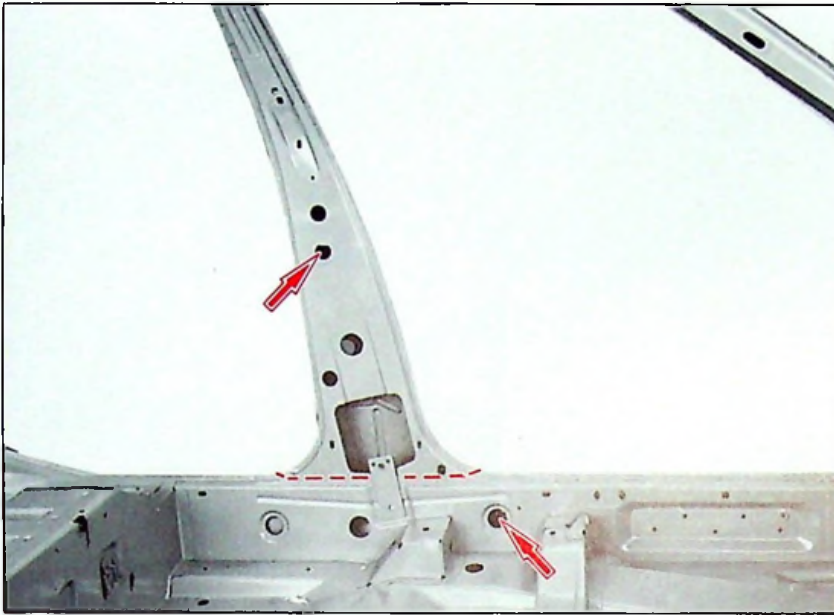


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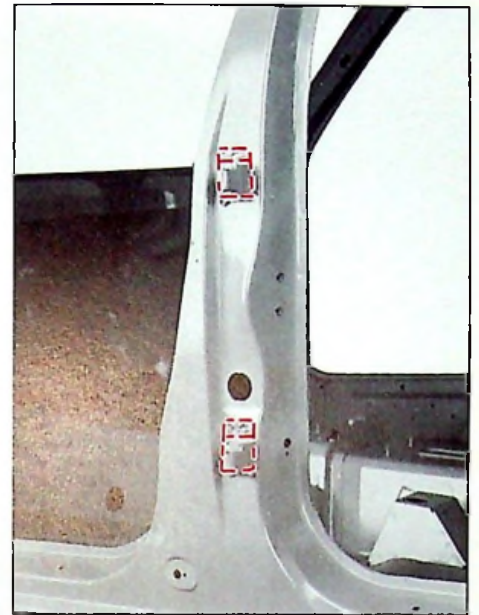


XM
821-3/5

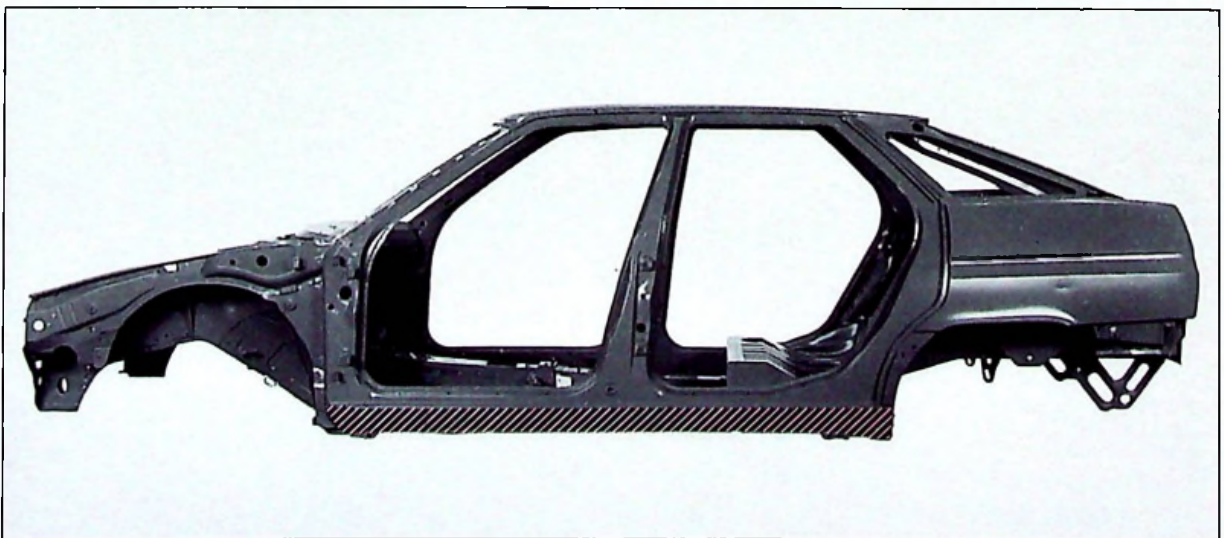
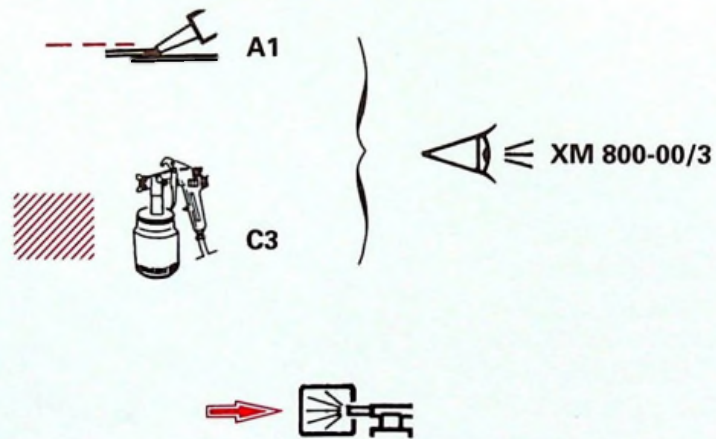
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88-379



88-473



88-358

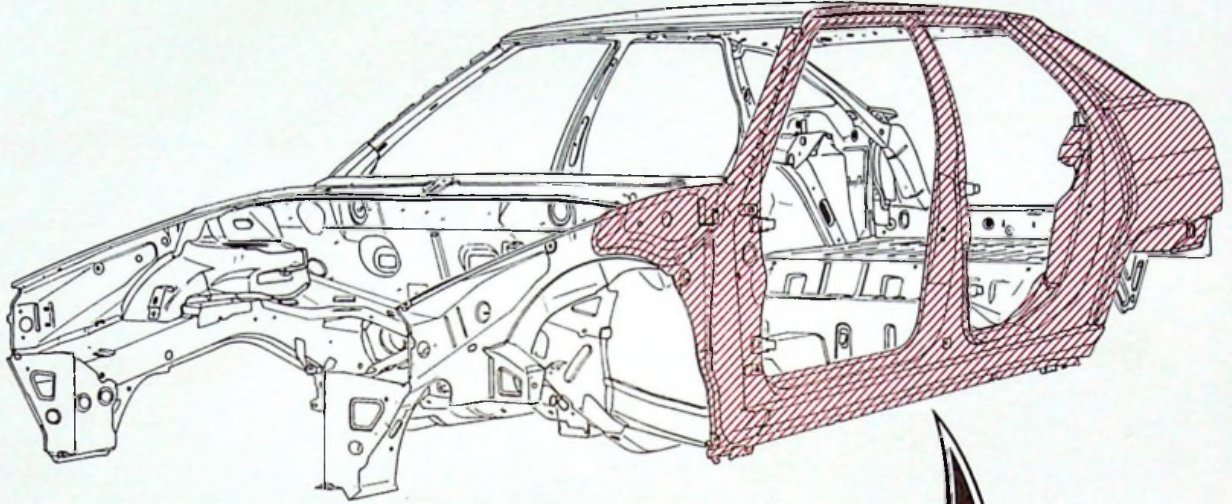


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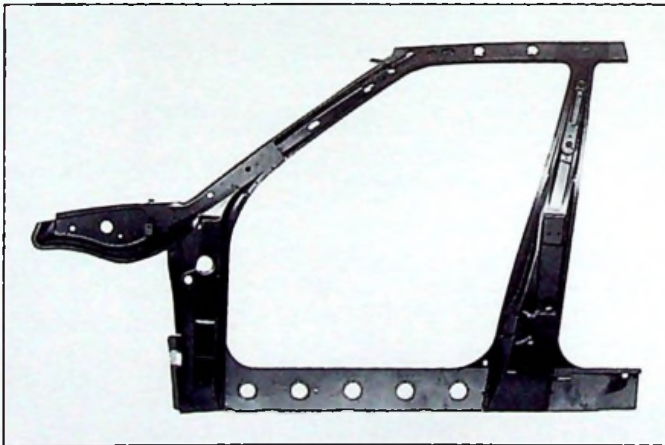


XM
821-3/6

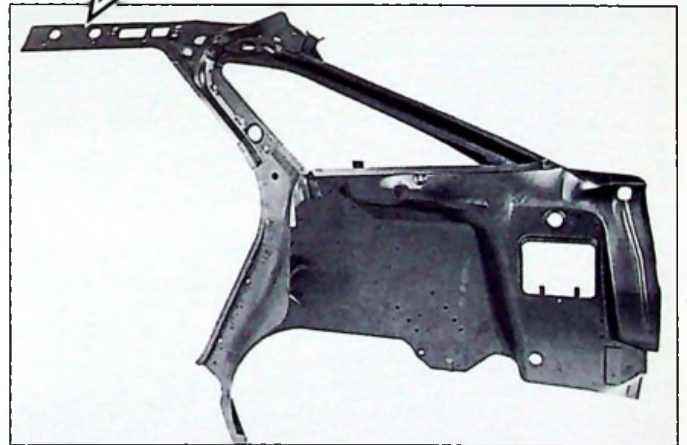
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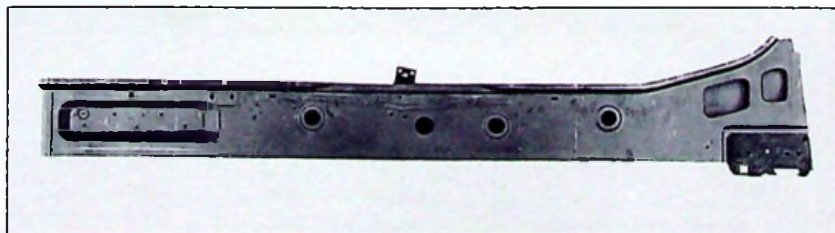
Y.80-1



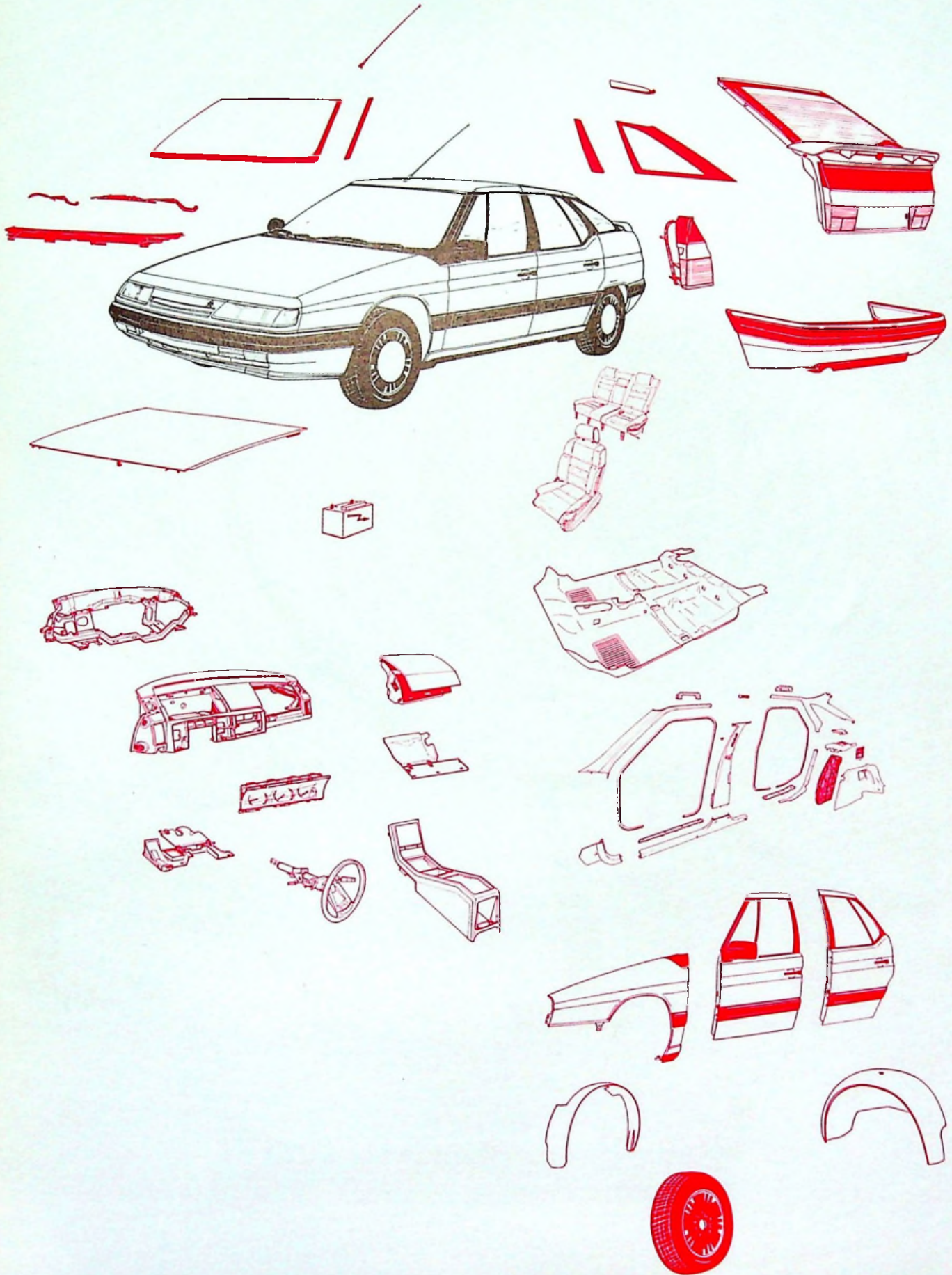
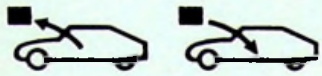
88-785



88-769



88-561



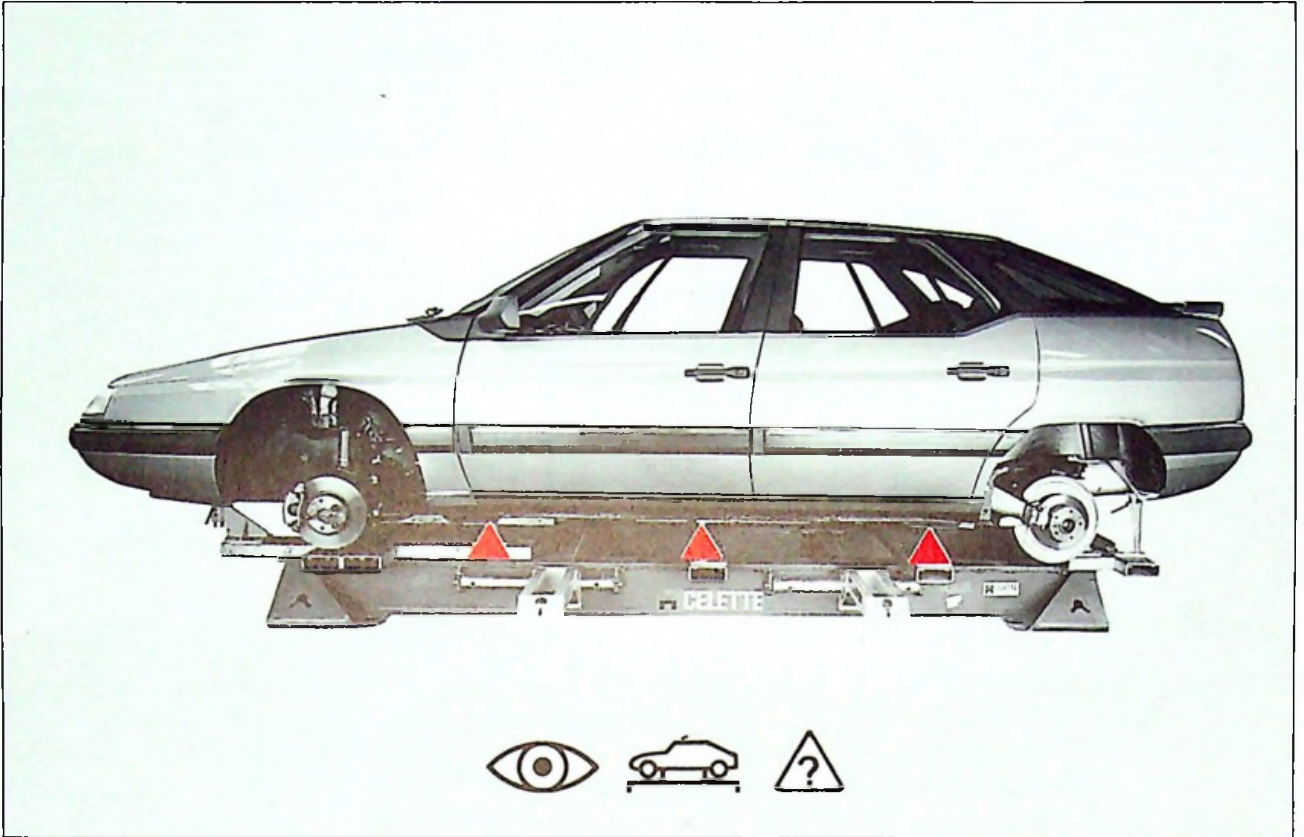


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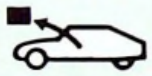


XM
821-3/6

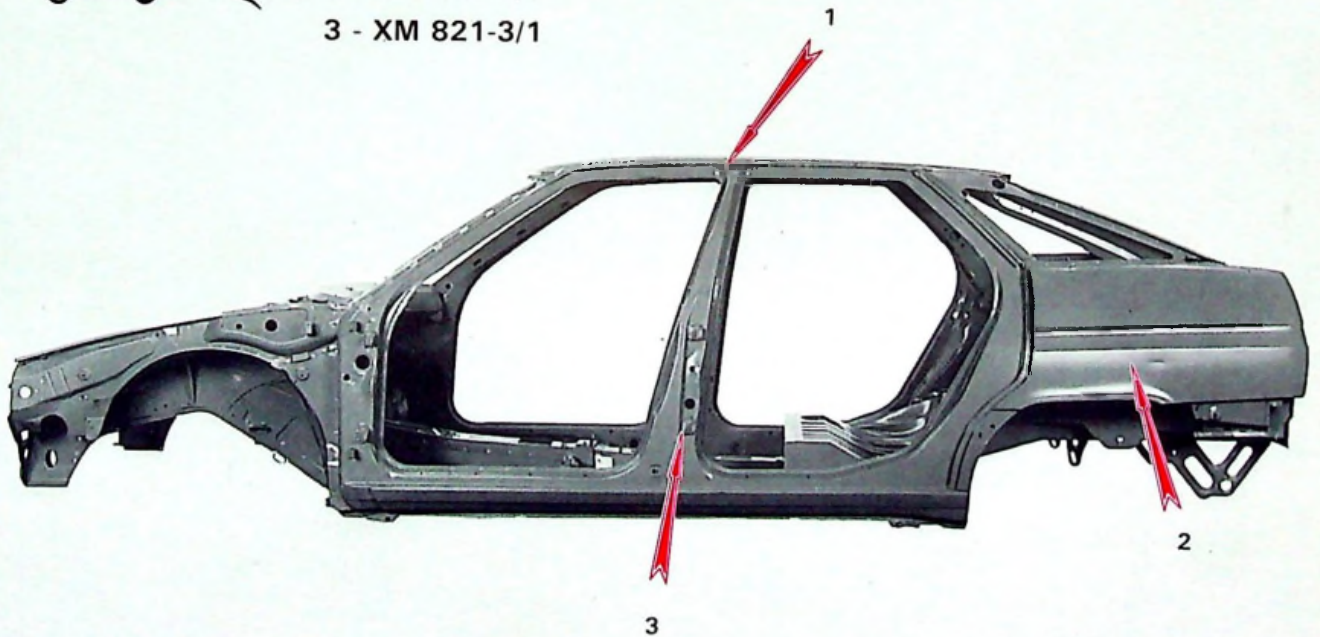
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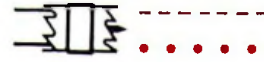
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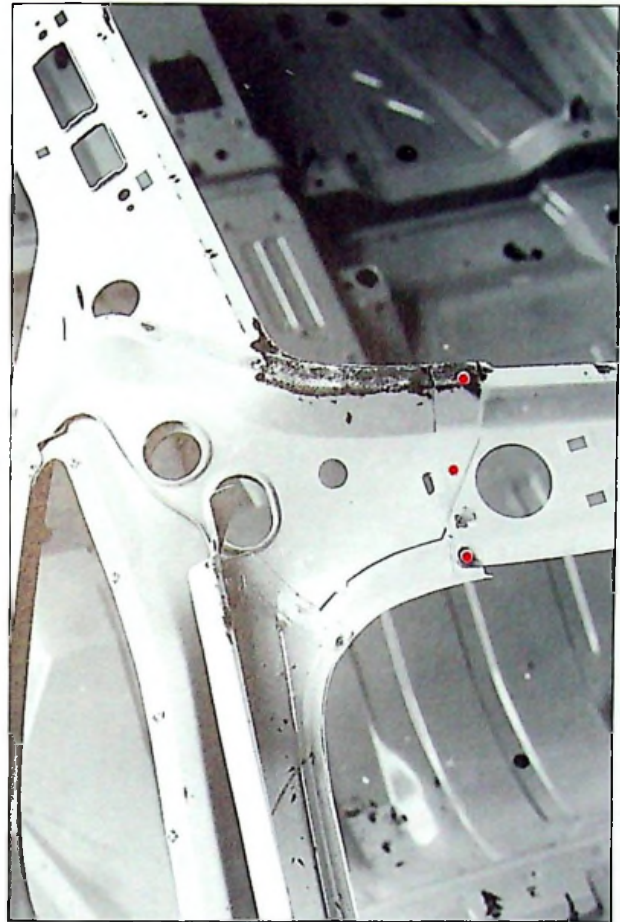
- 1 - XM 825-3/1
- 2 - XM 822-3/1
- 3 - XM 821-3/1



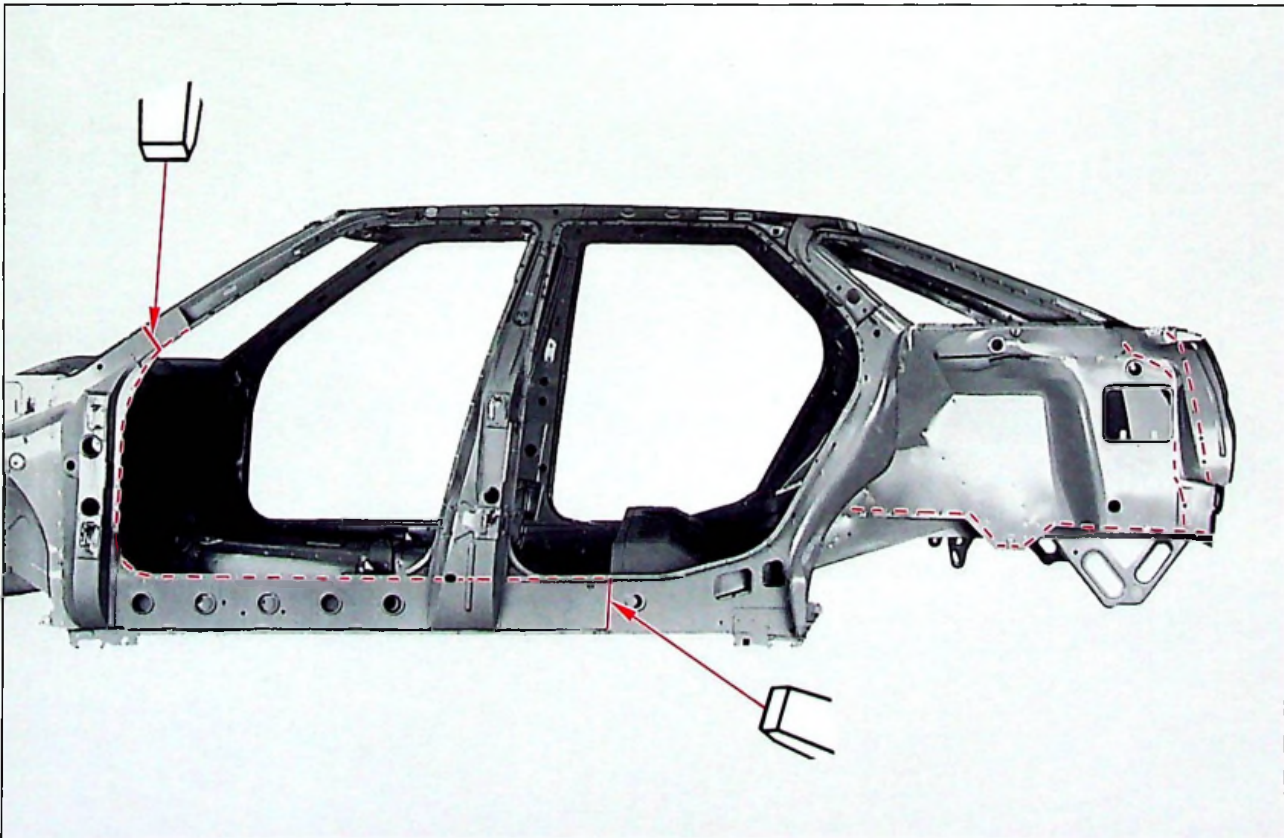
88-358



88-893



88-891



88-888

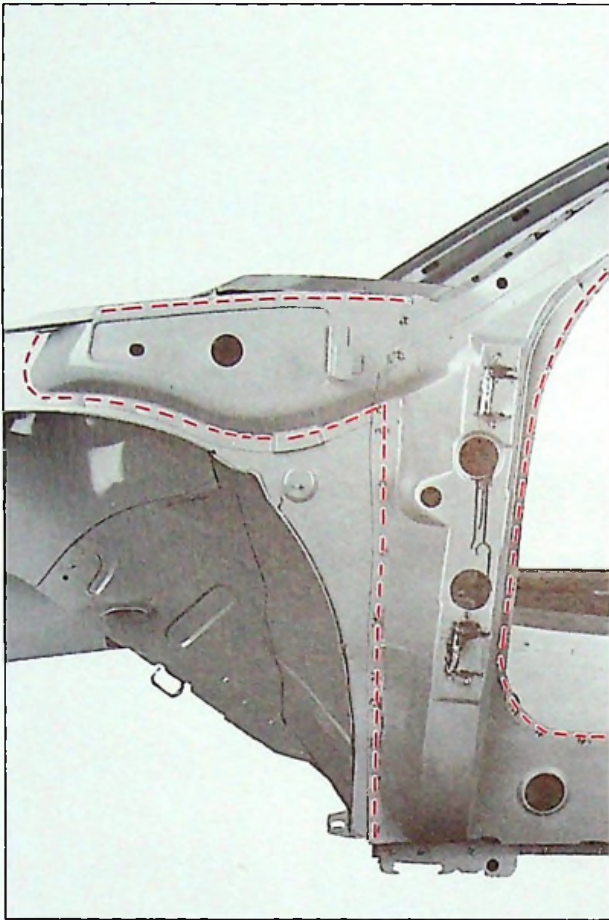


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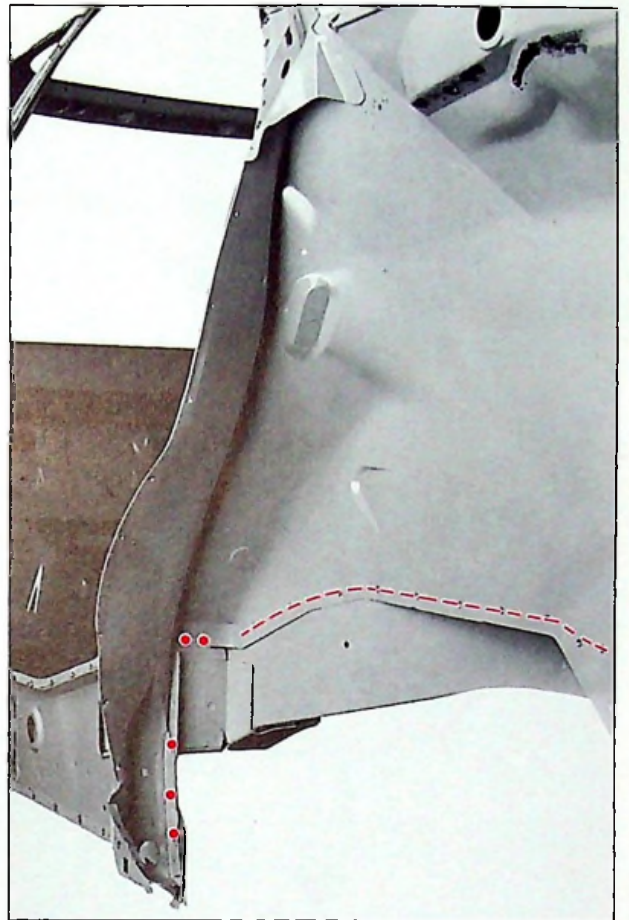


XM
821-3/6

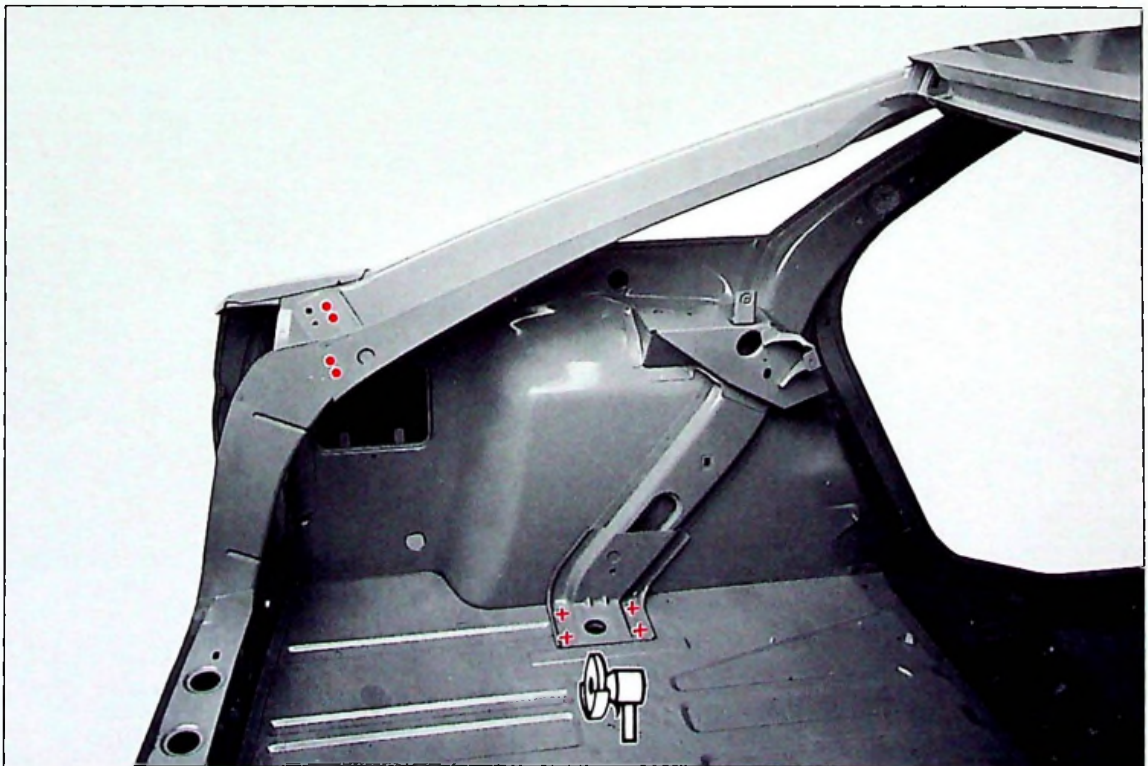
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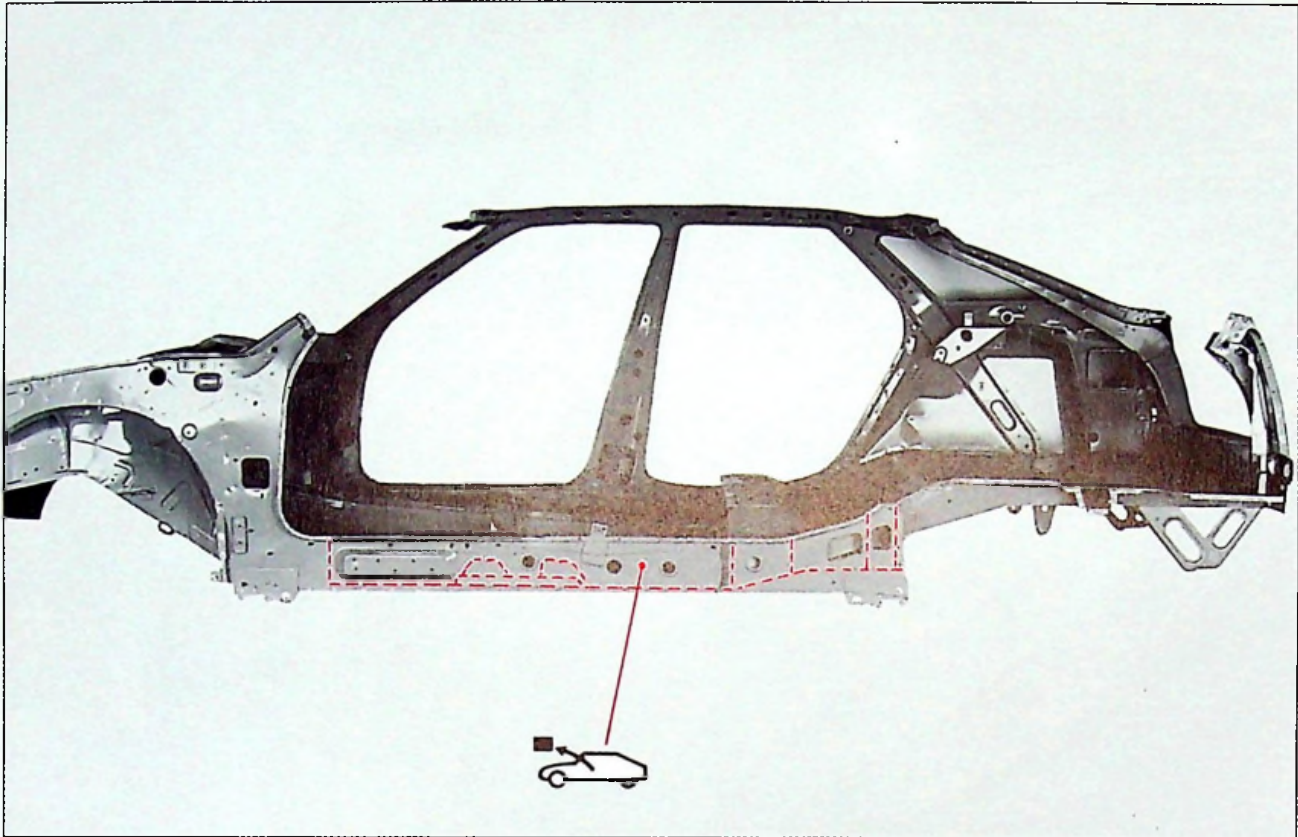
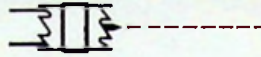
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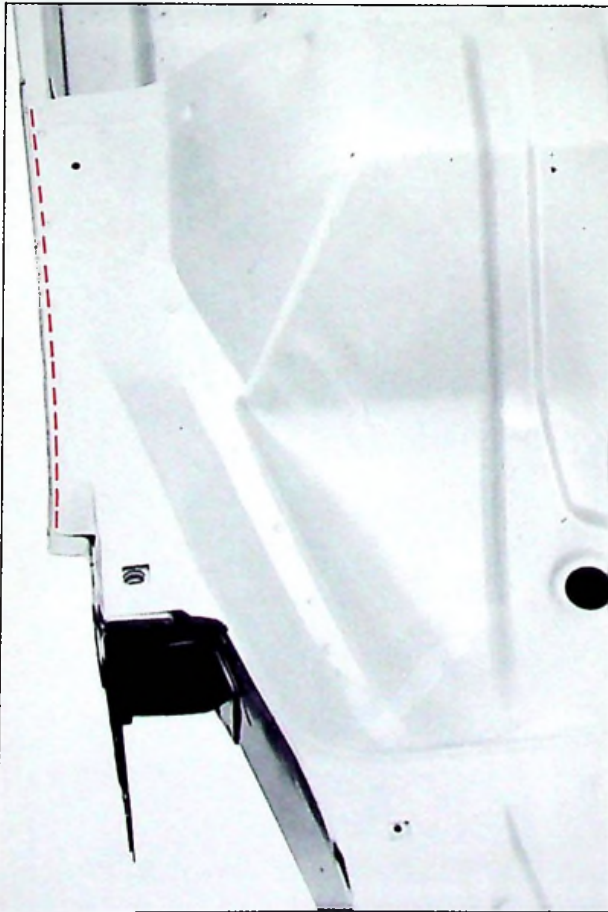
88-890



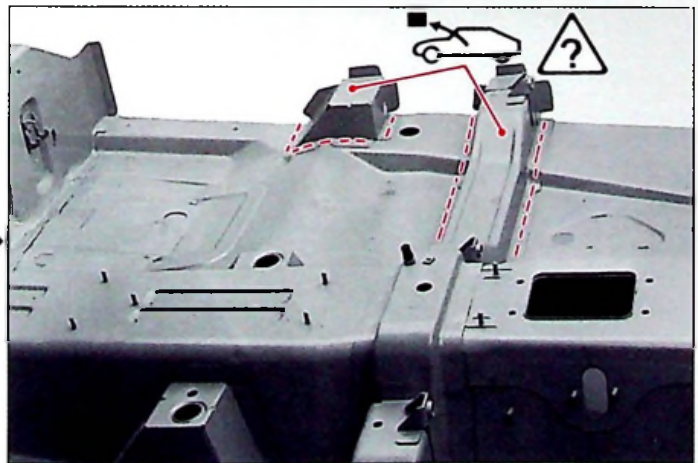
88-870



88-895



88-894



88-939

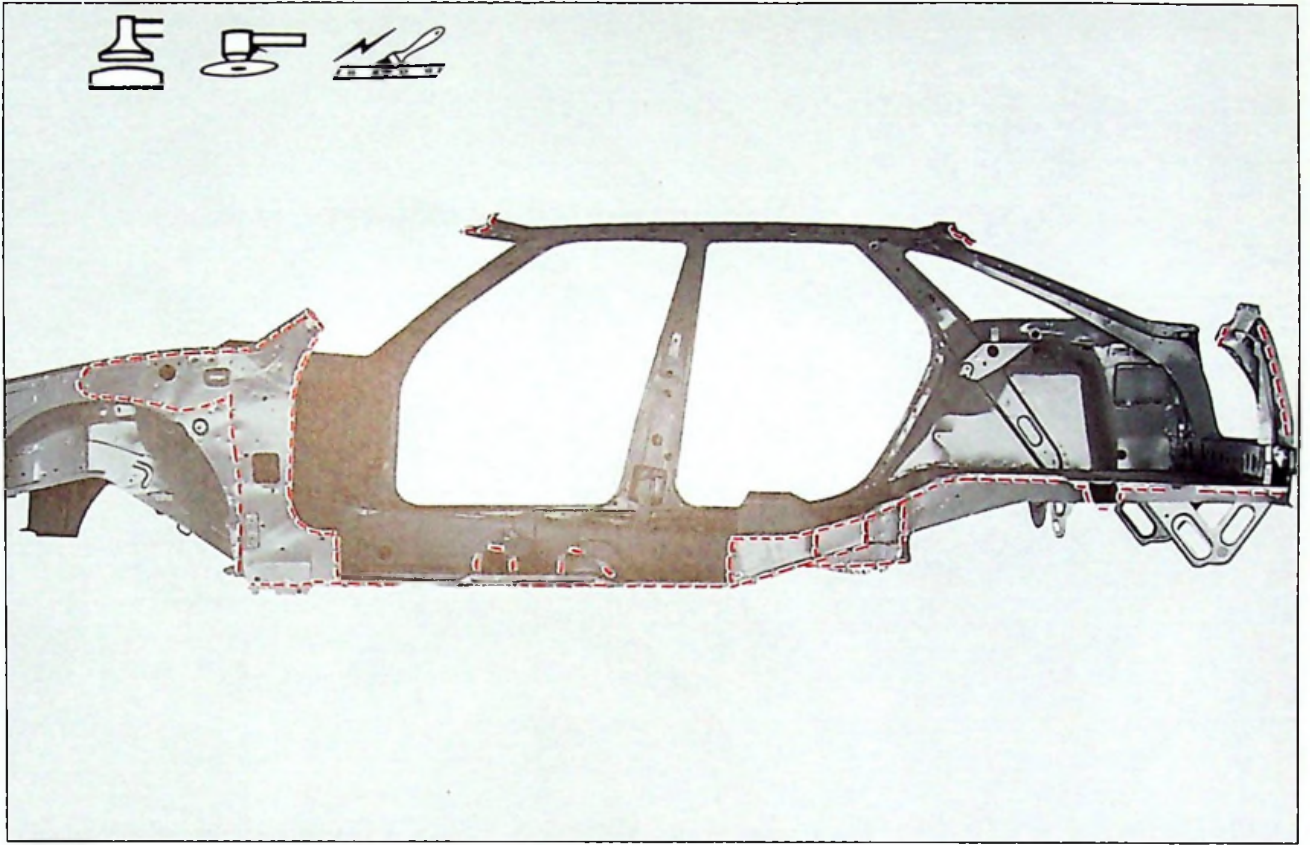


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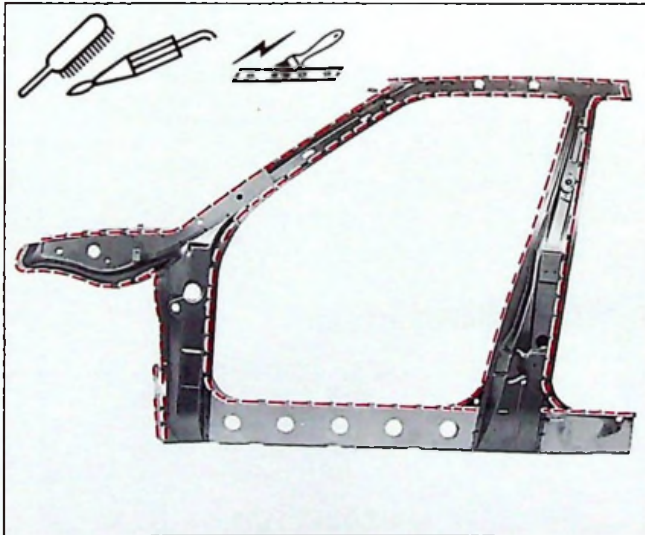


XM
821-3/6

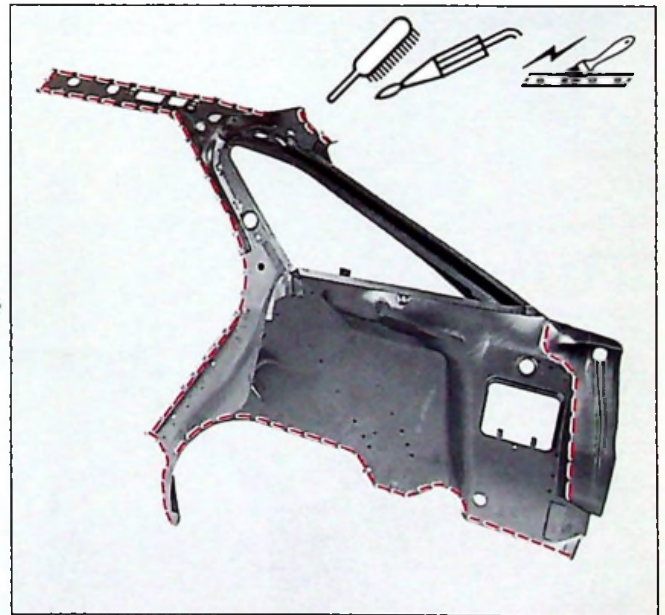
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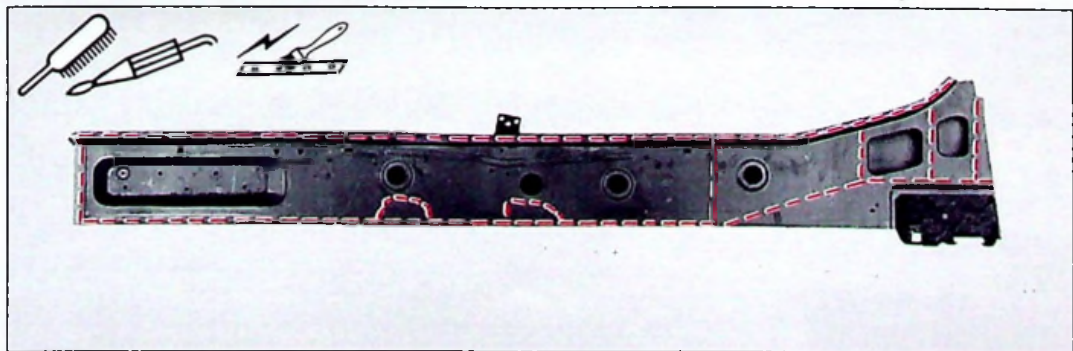
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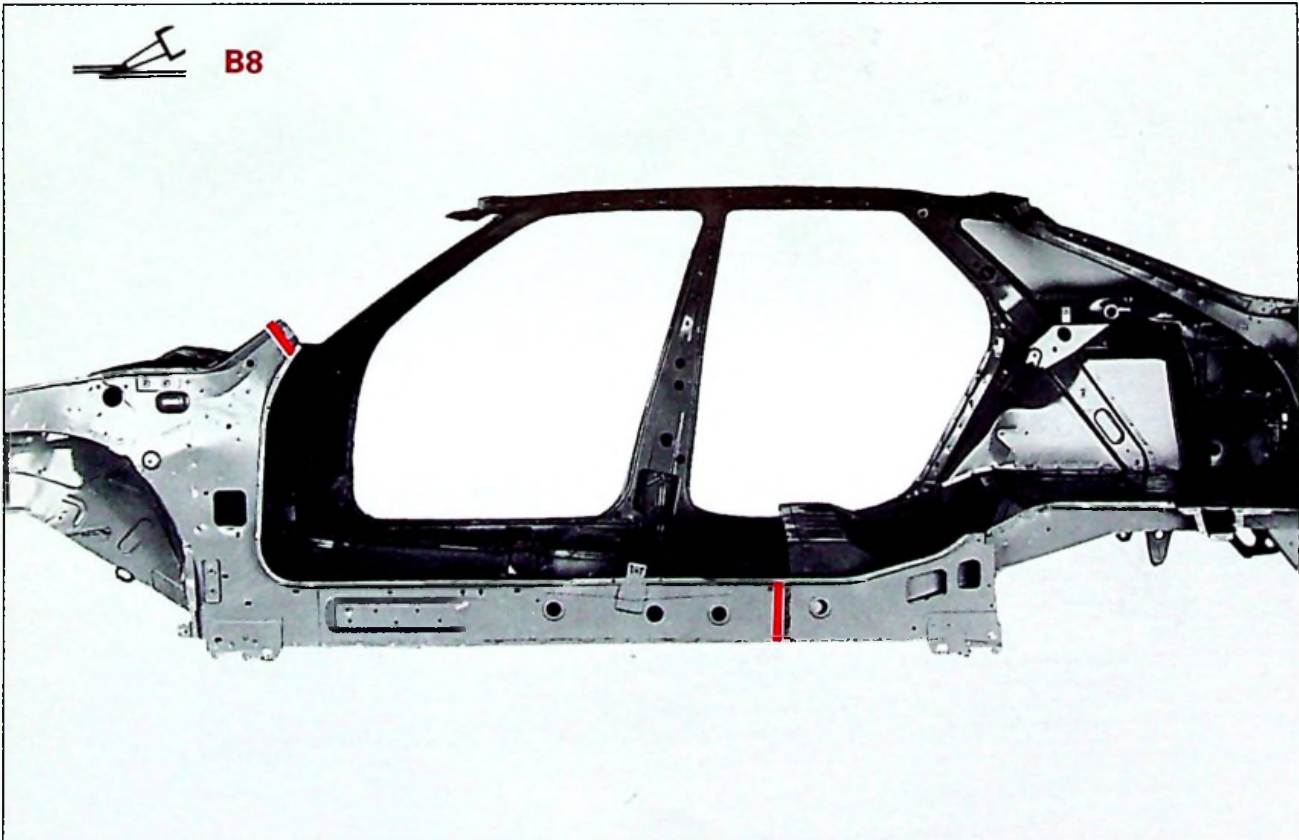
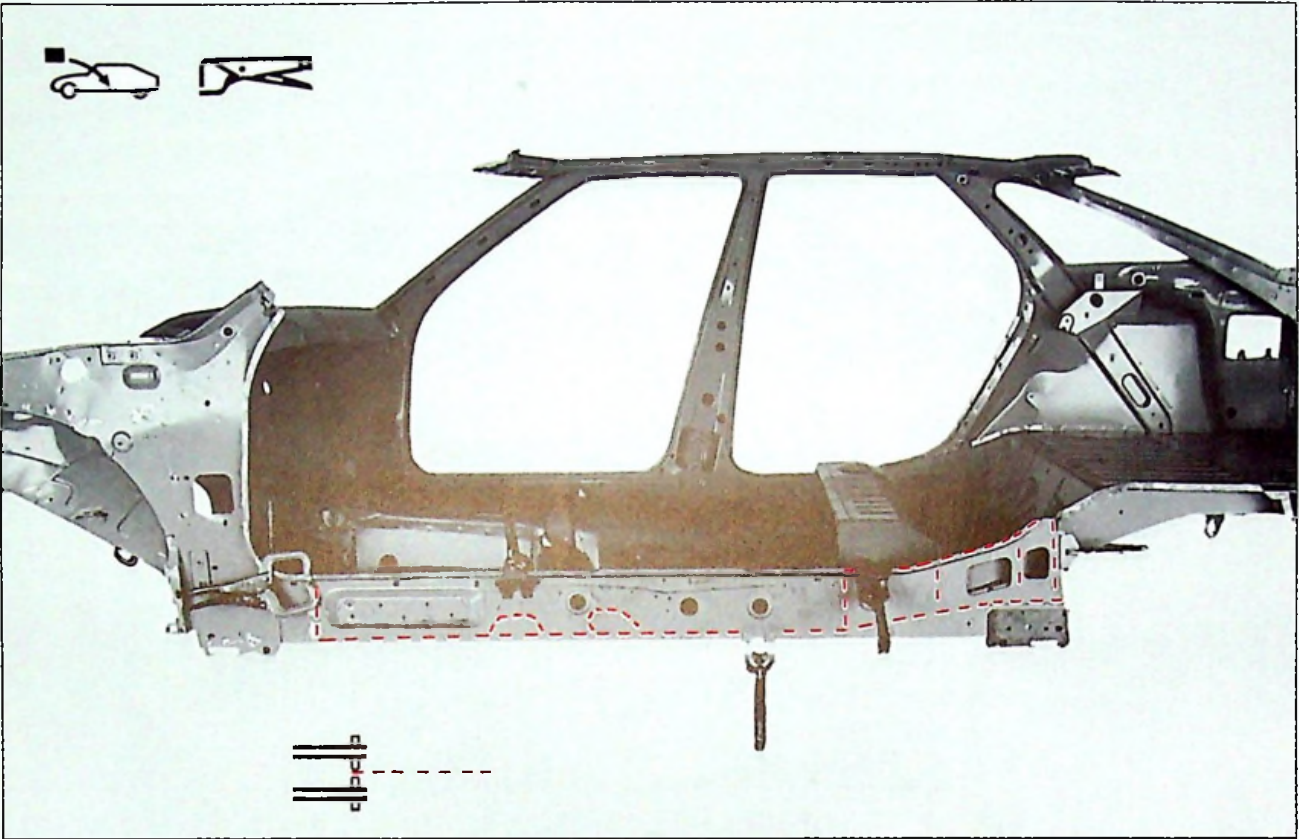
88-785



88-769

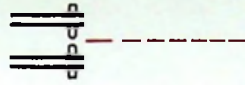


88-561



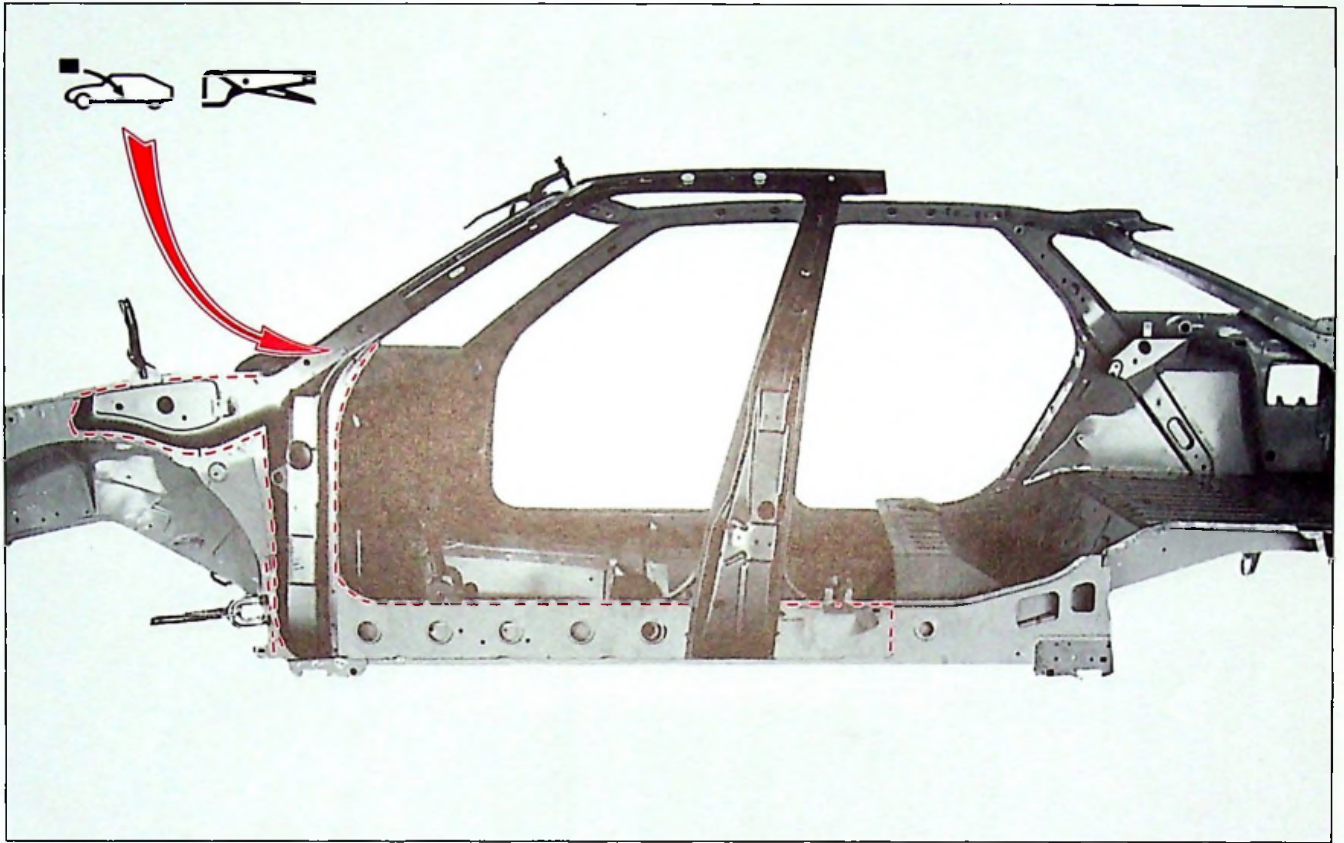


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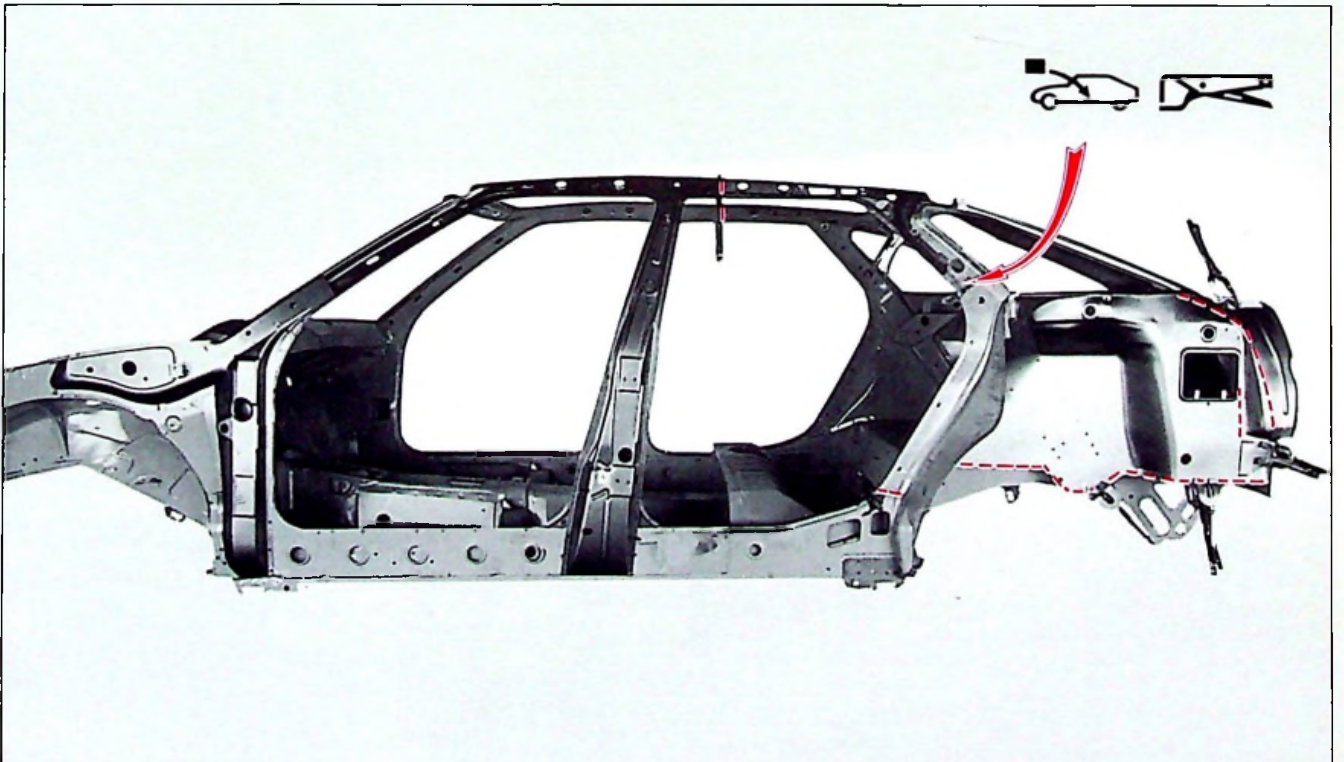


XM
821-3/6

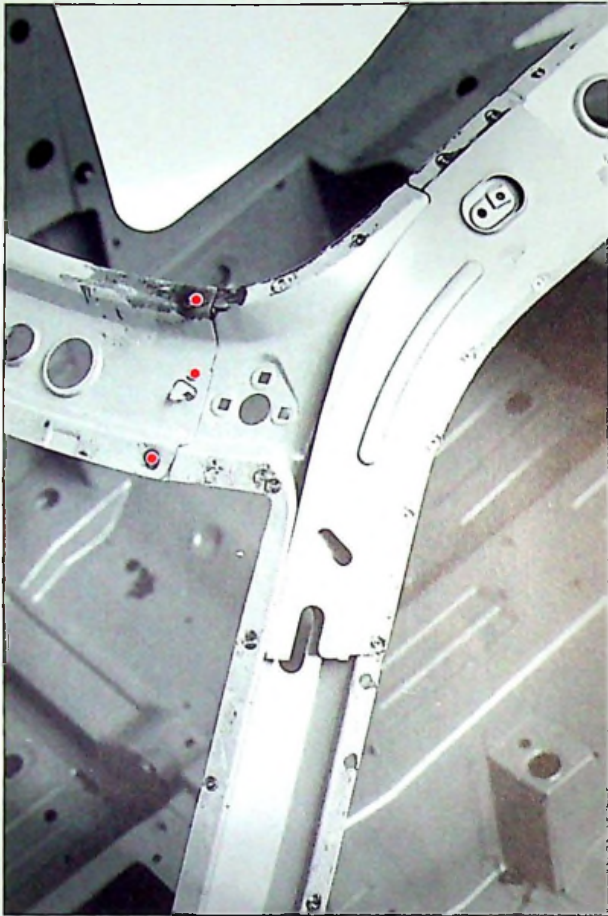
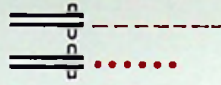
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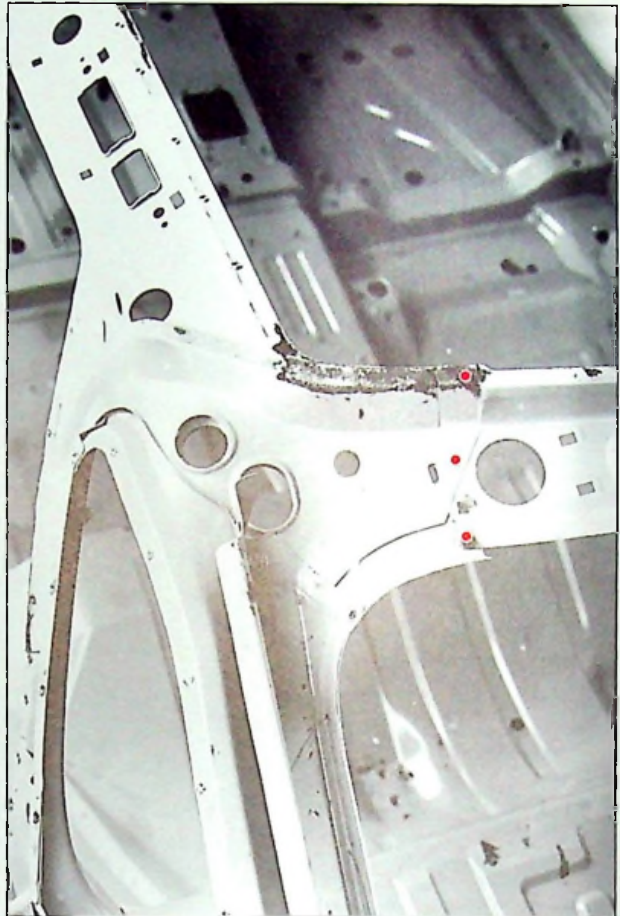
89-24



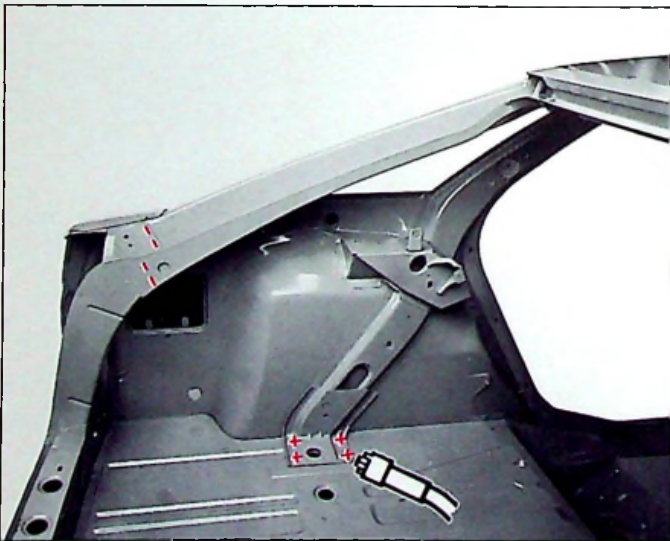
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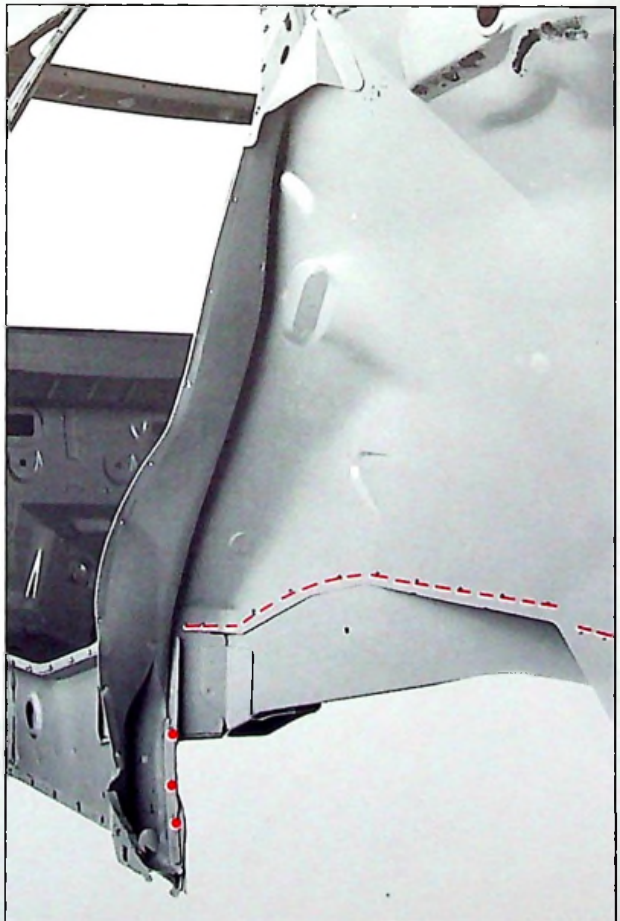
88-893



88-891



88-870



88-890

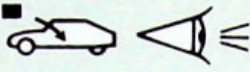


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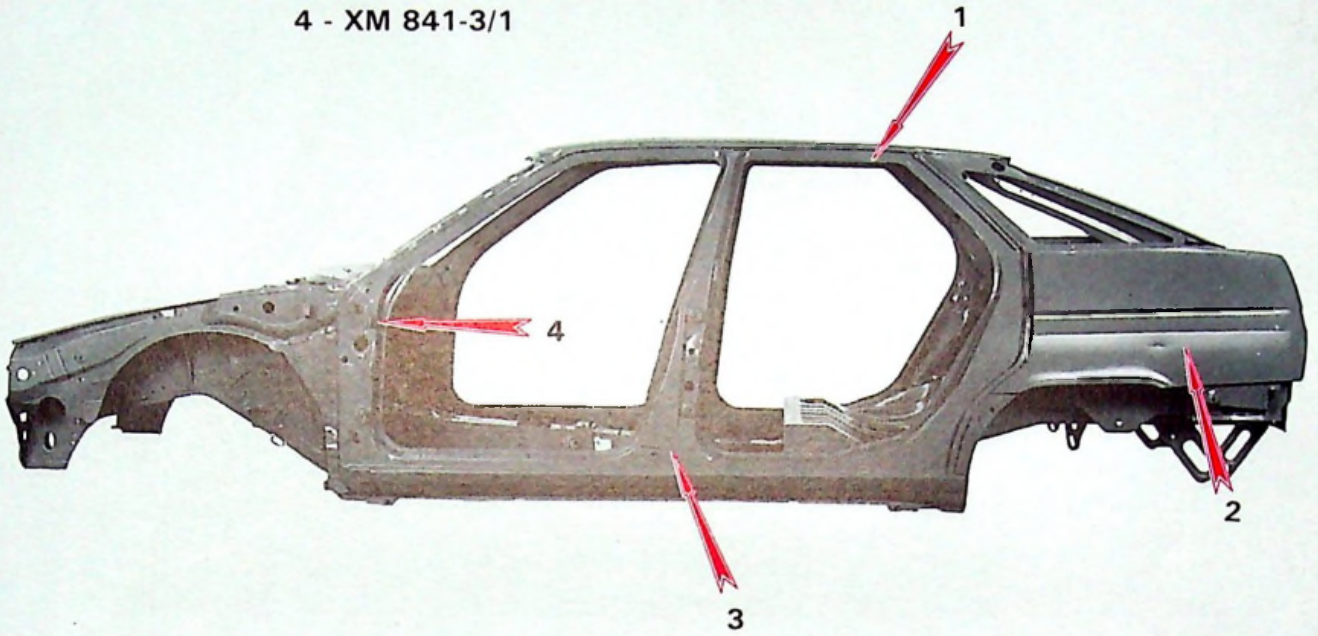


XM
821-3/6

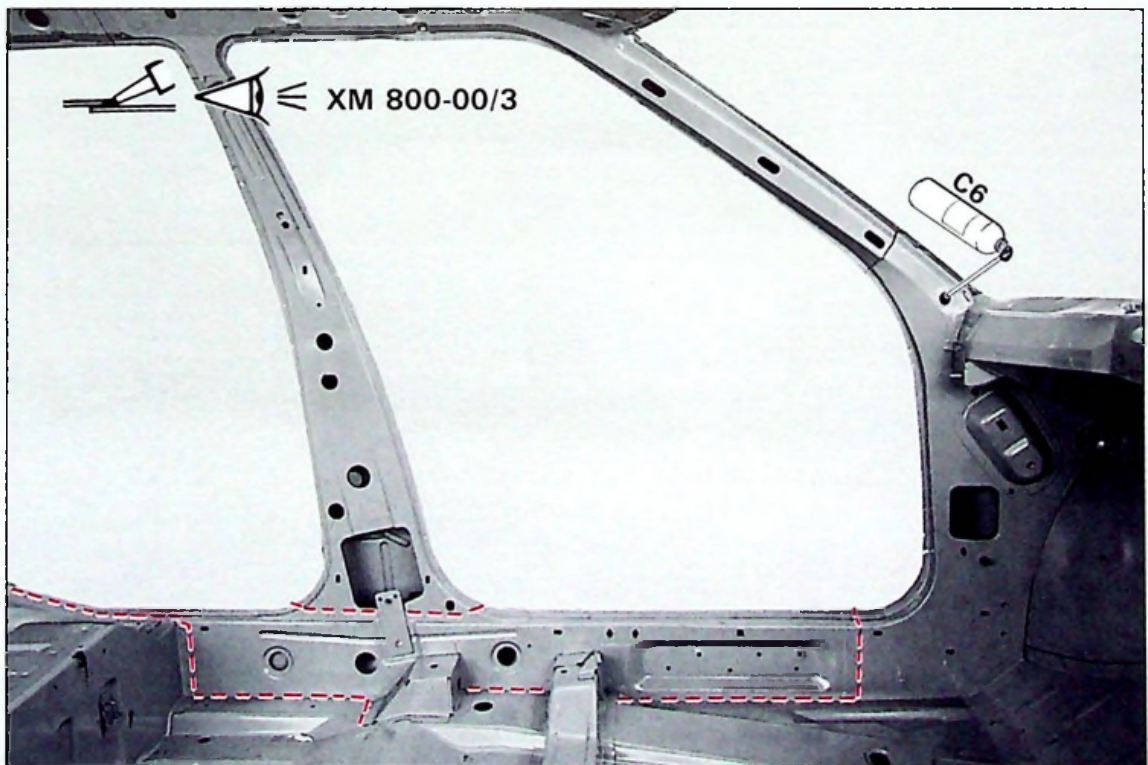
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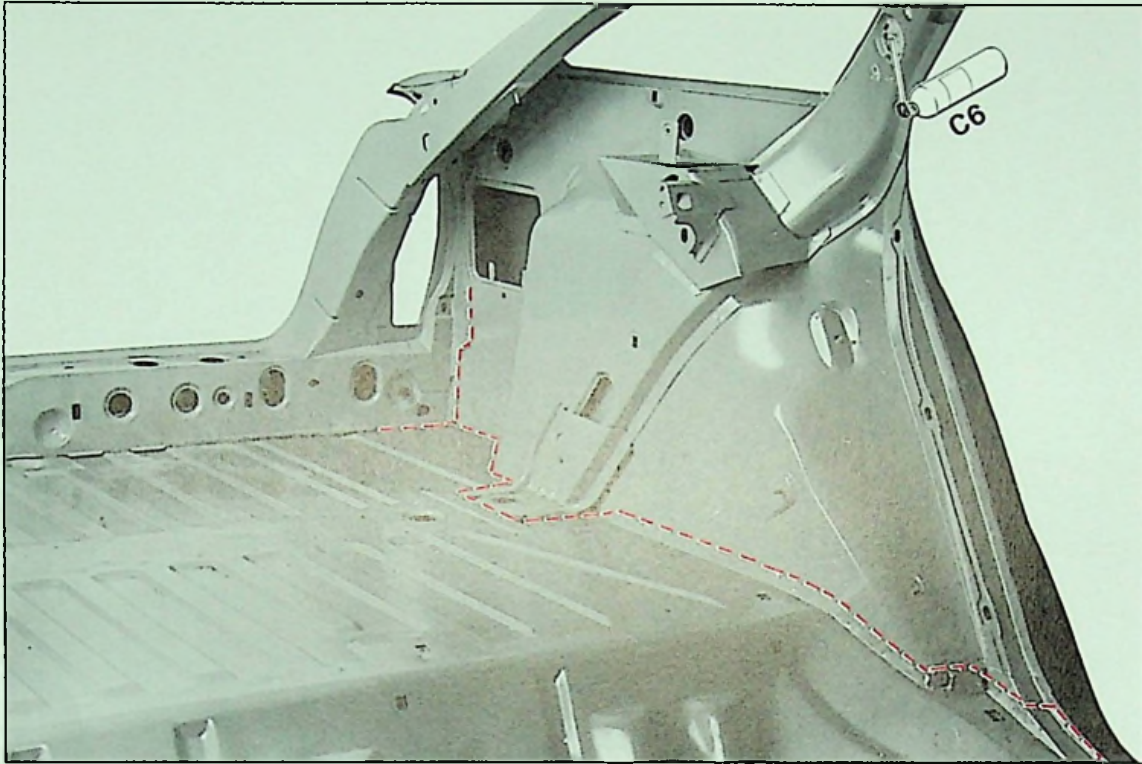
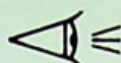
- 1 - XM 825-3/1
- 2 - XM 822-3/1
- 3 - XM 821-3/1
- 4 - XM 841-3/1



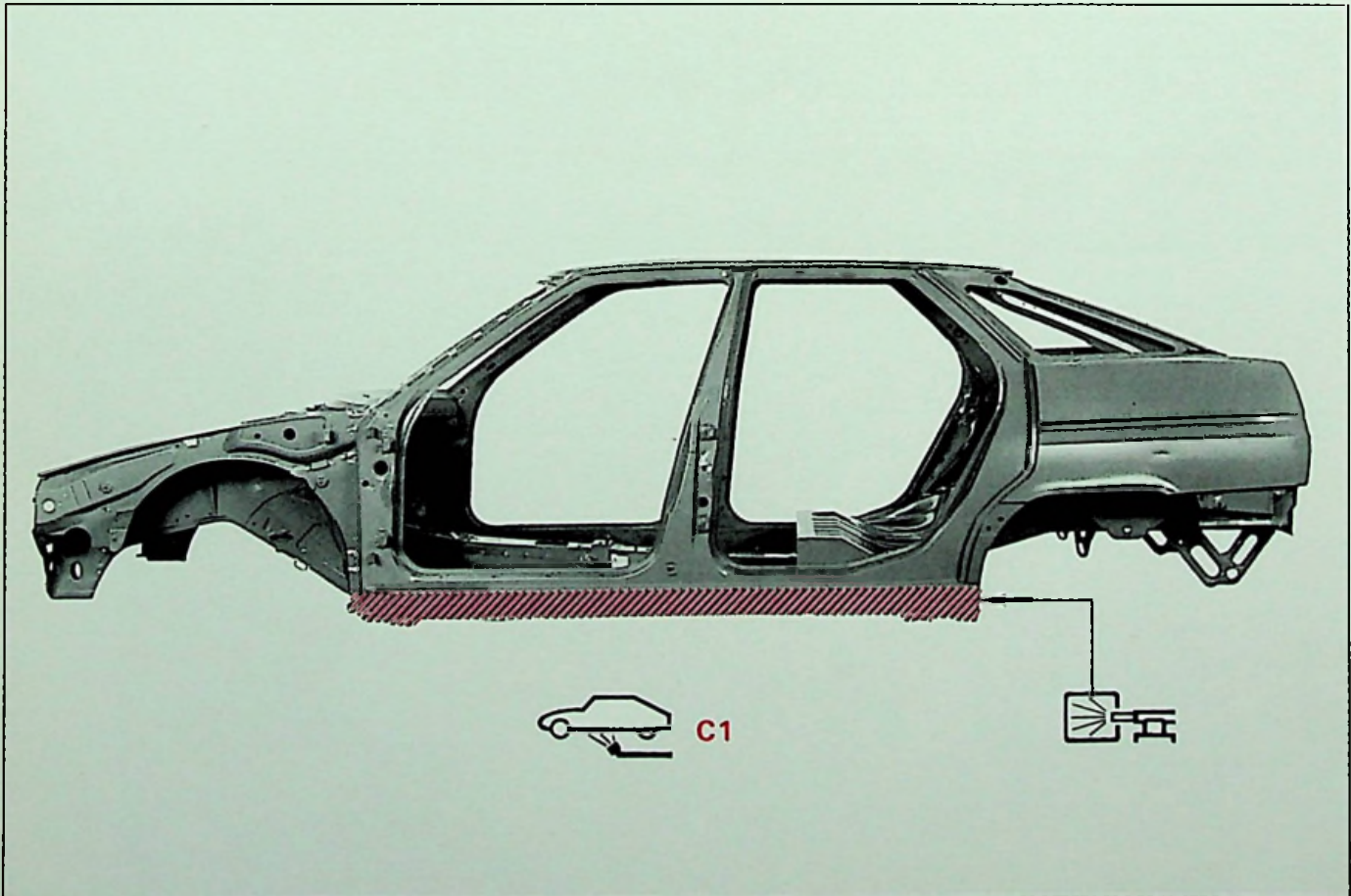
88-358



88-379



88-871



88-358

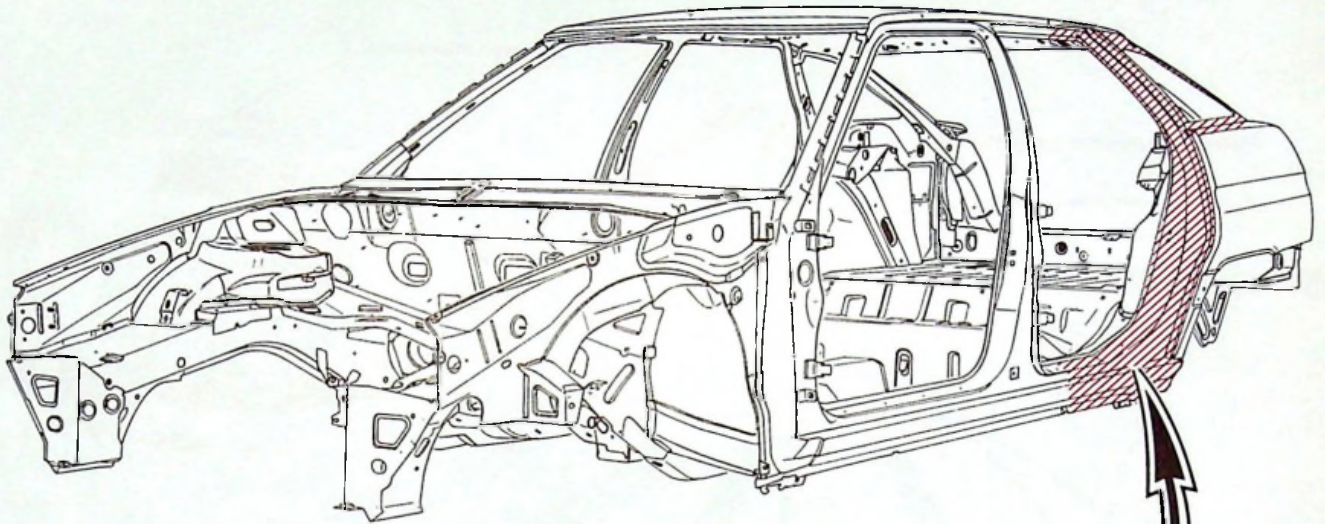


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XM
821-3/7

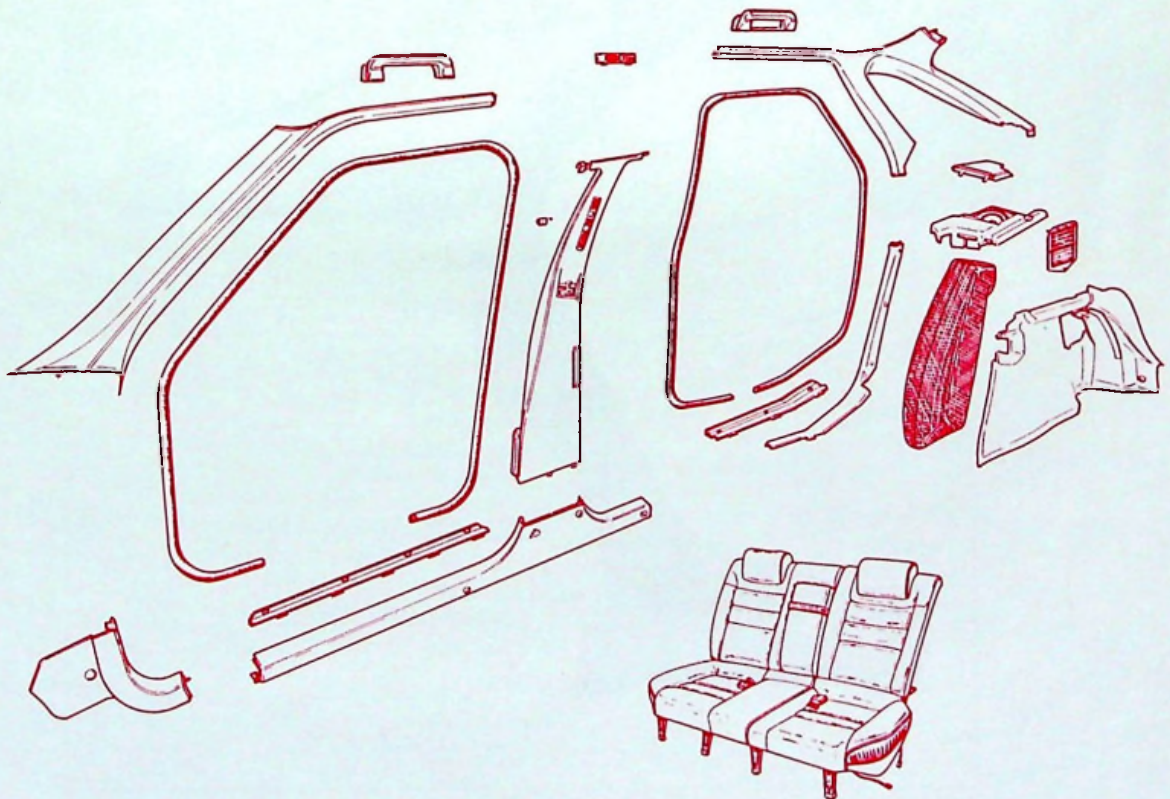
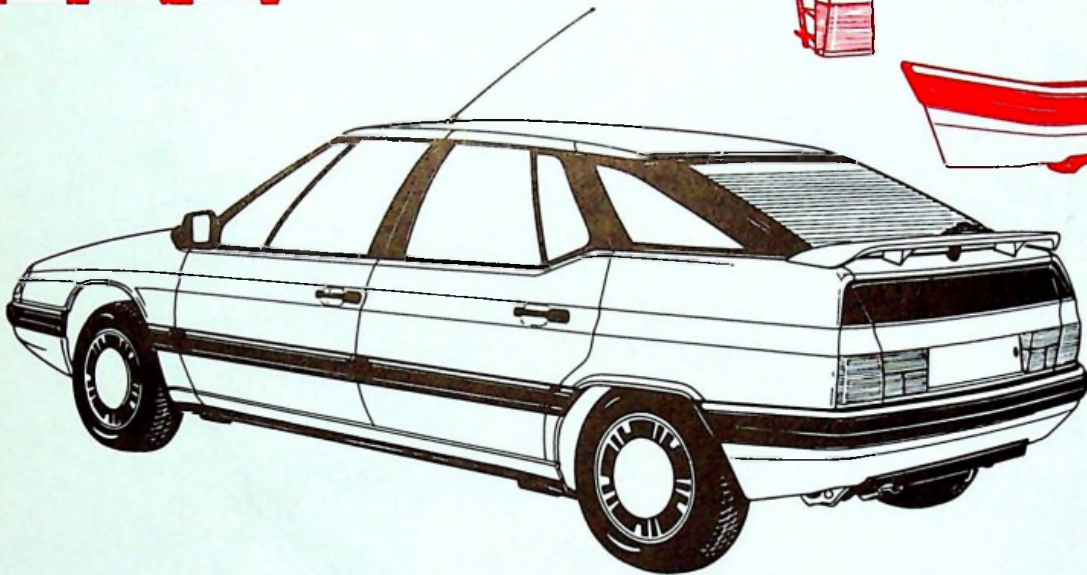
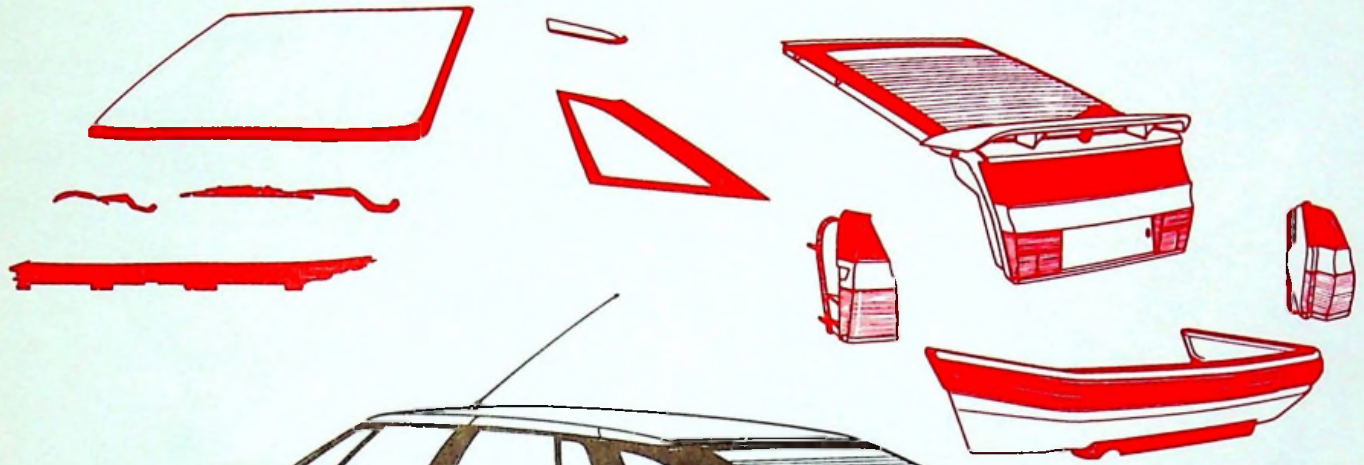
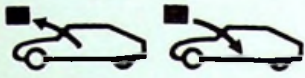
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Y. 80-1



89-188



Y-80-7a

Y-80-8

Y-80-23

Y-80-24

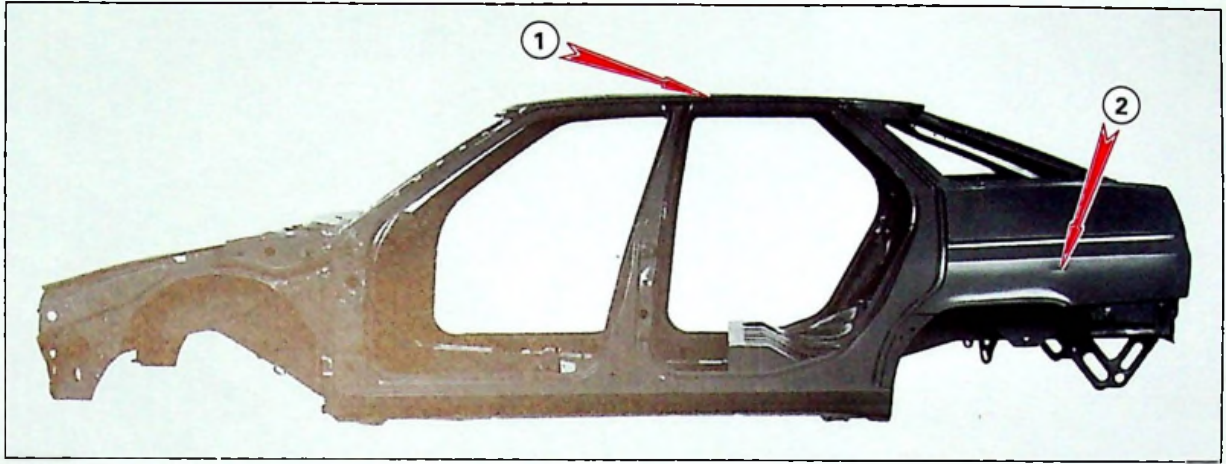


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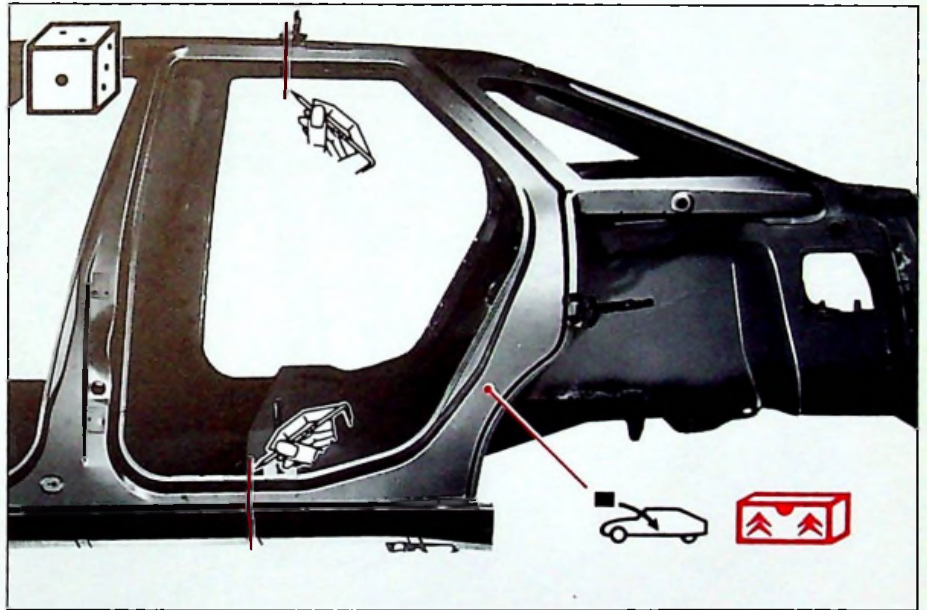
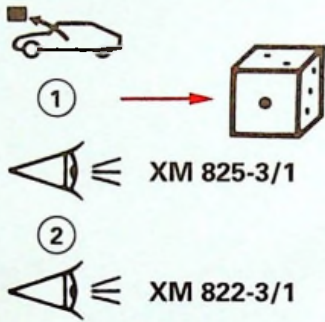


XM
821-3/7

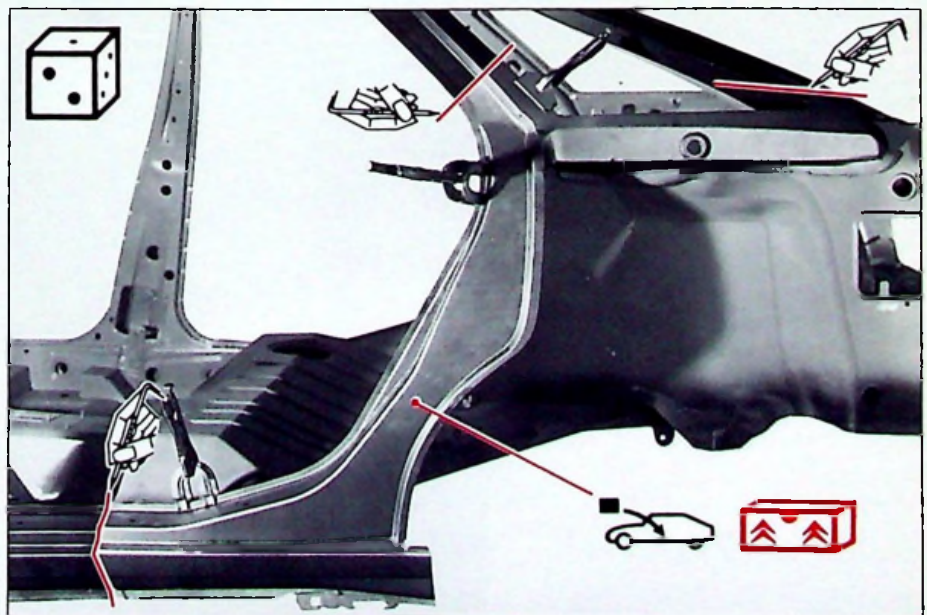
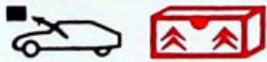
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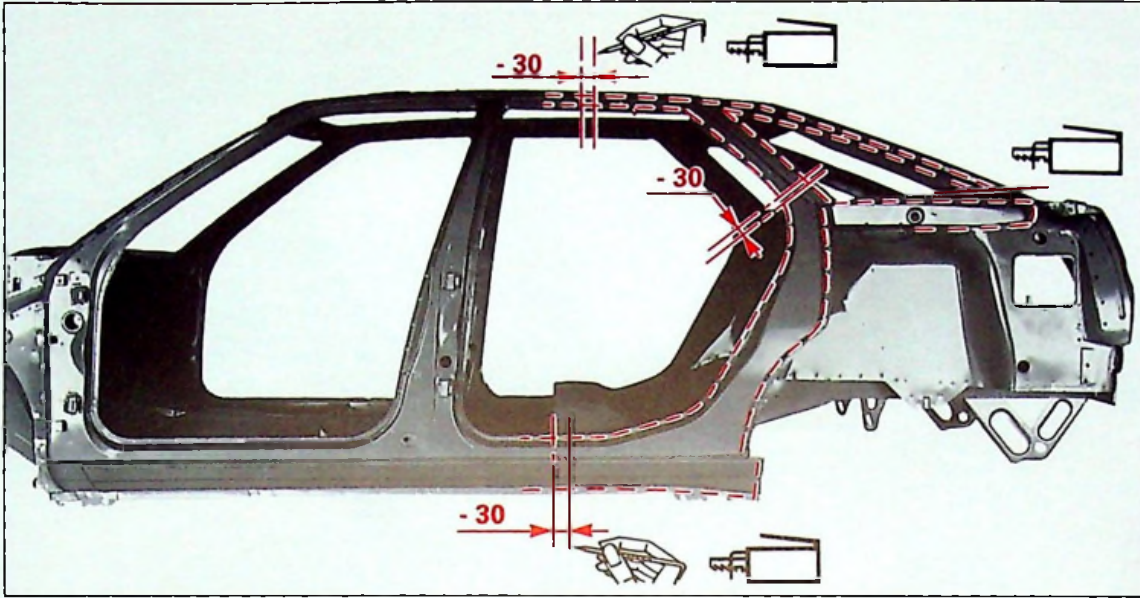
88-358



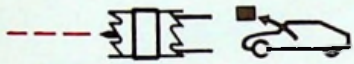
89-1593




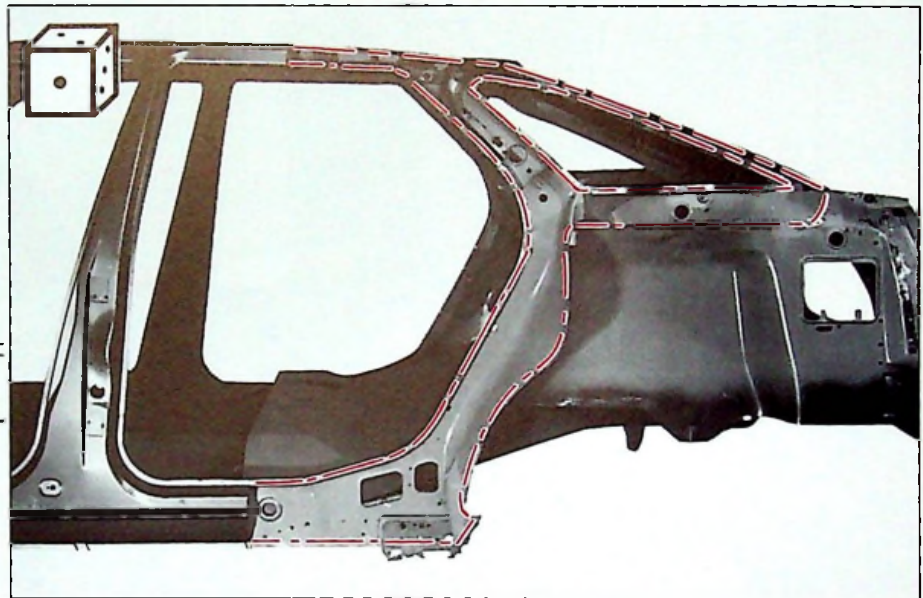
89-1585



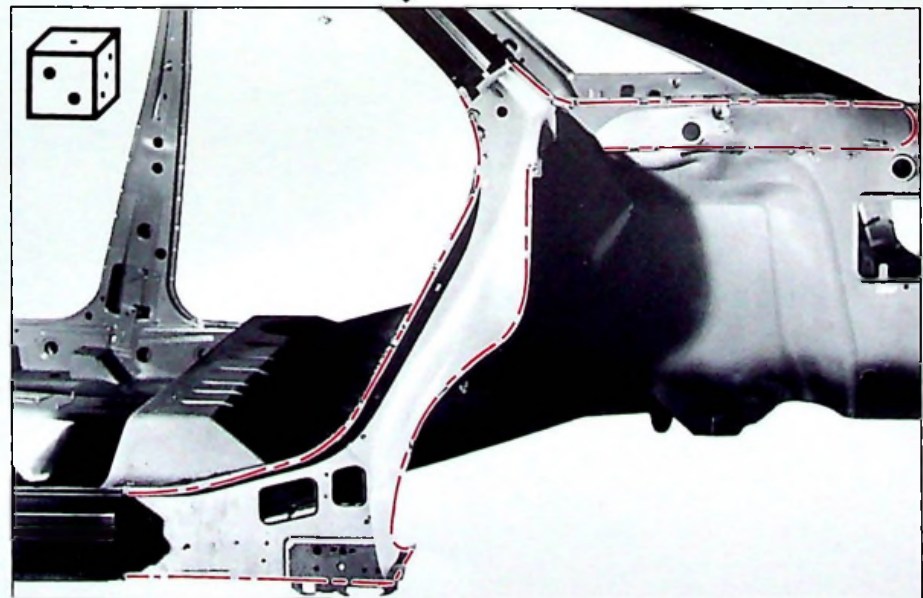
88-867



 XM 822-3/3



89-1594



89-1584

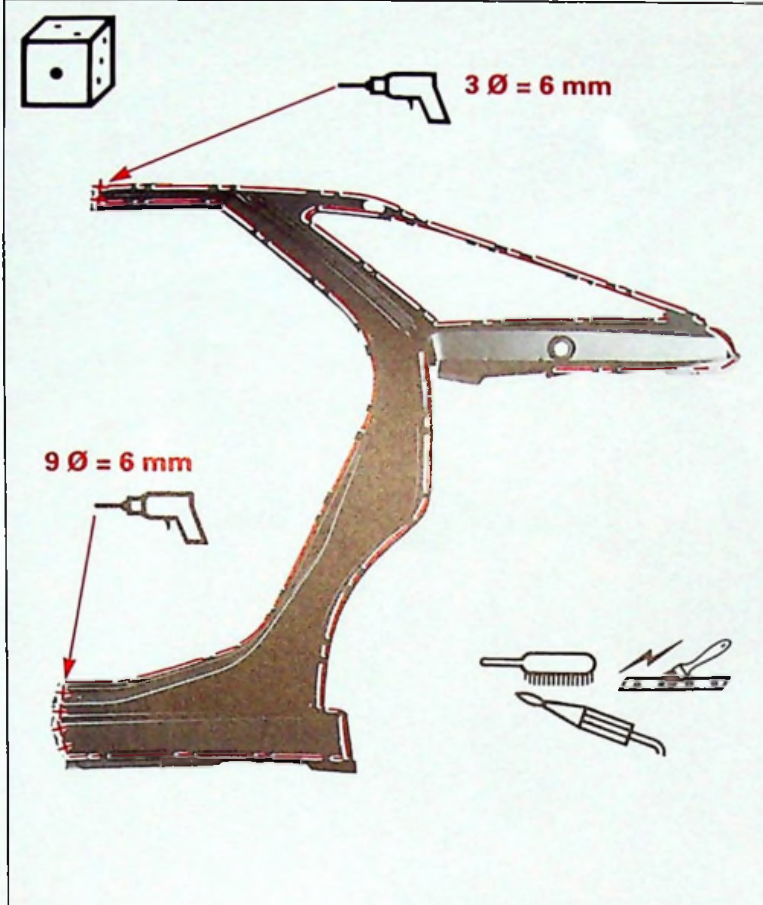


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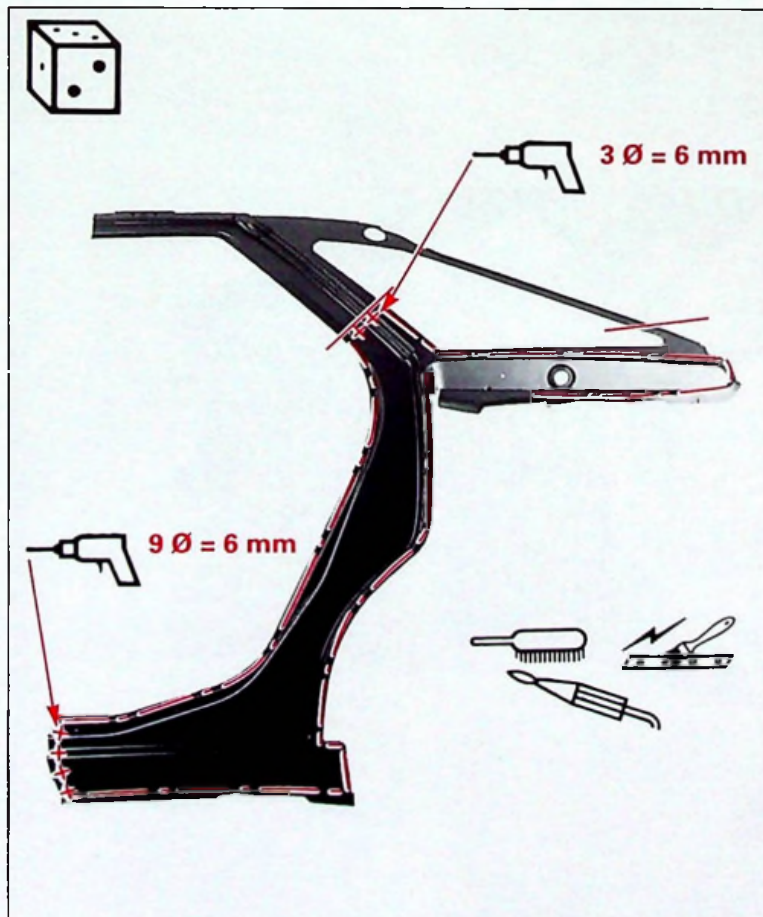


XM
821-3/7

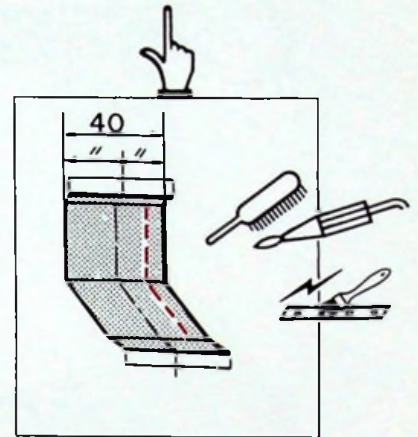
5



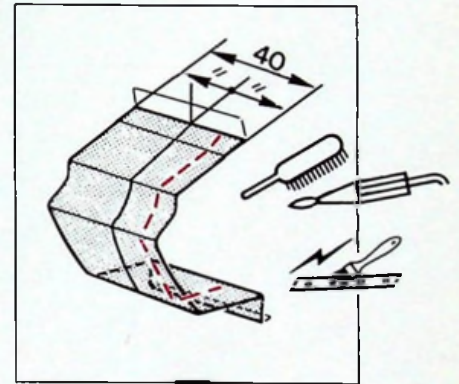
89-188



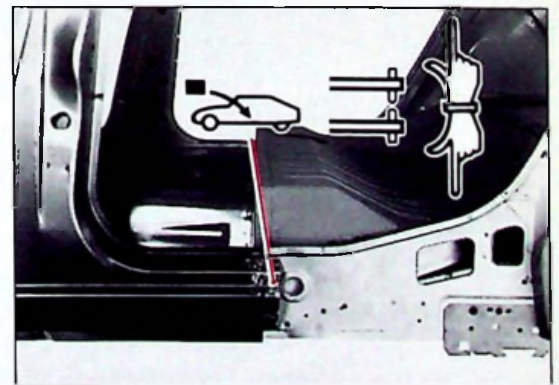
89-188



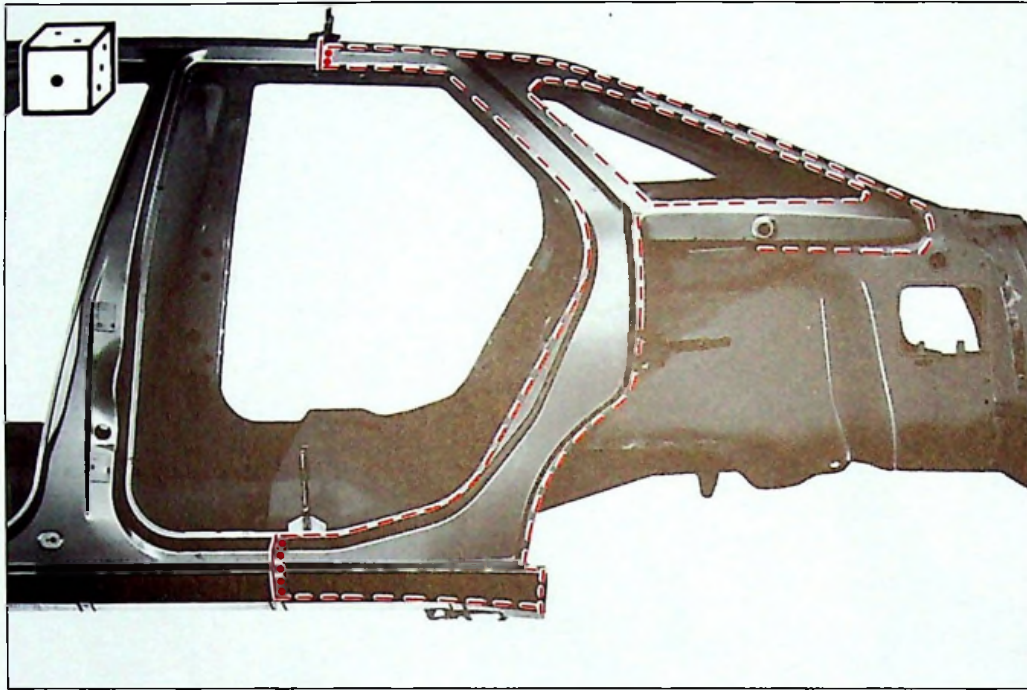
Z.82-6



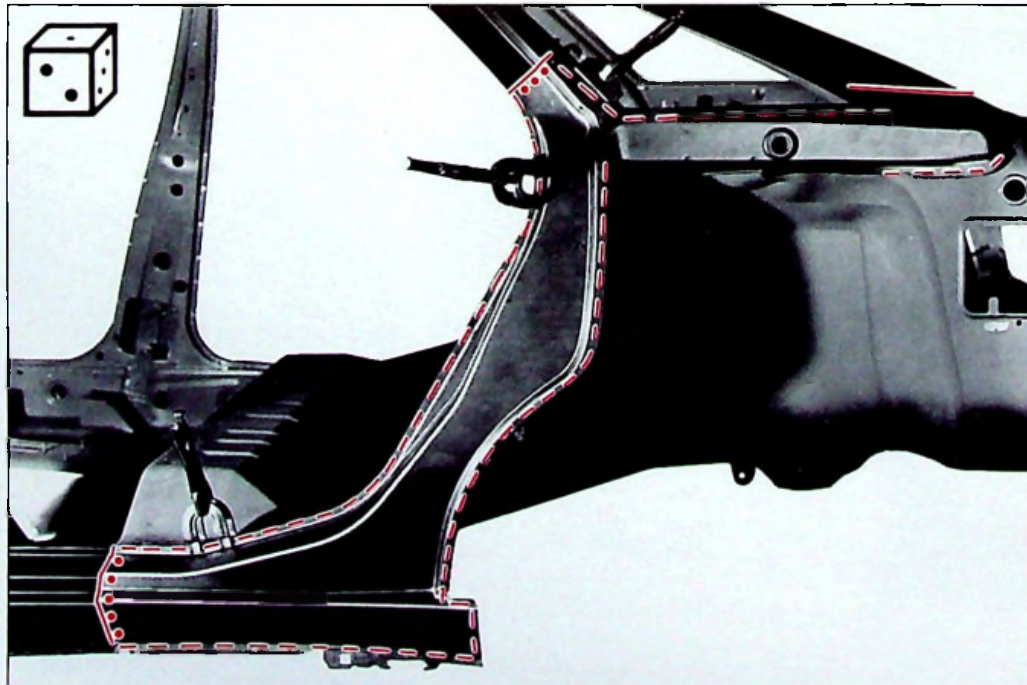
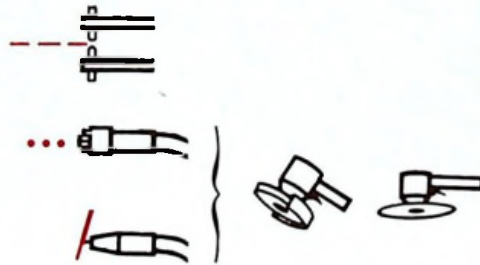
Z.82-2



89-1583



89-1593



89-1585

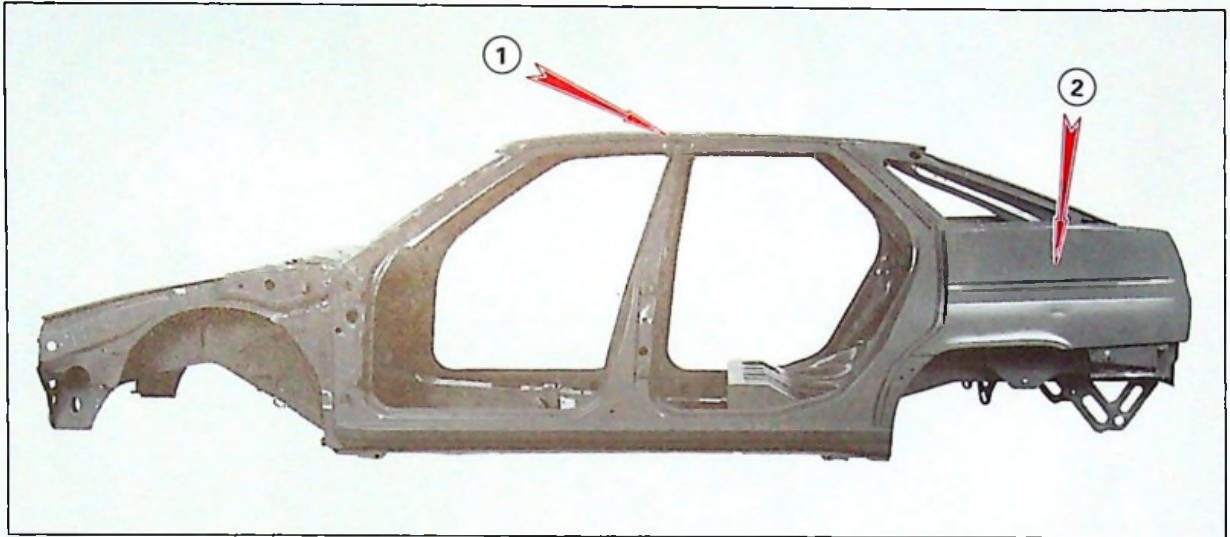
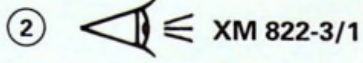
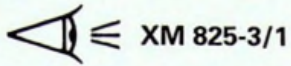
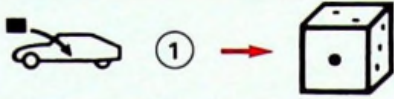


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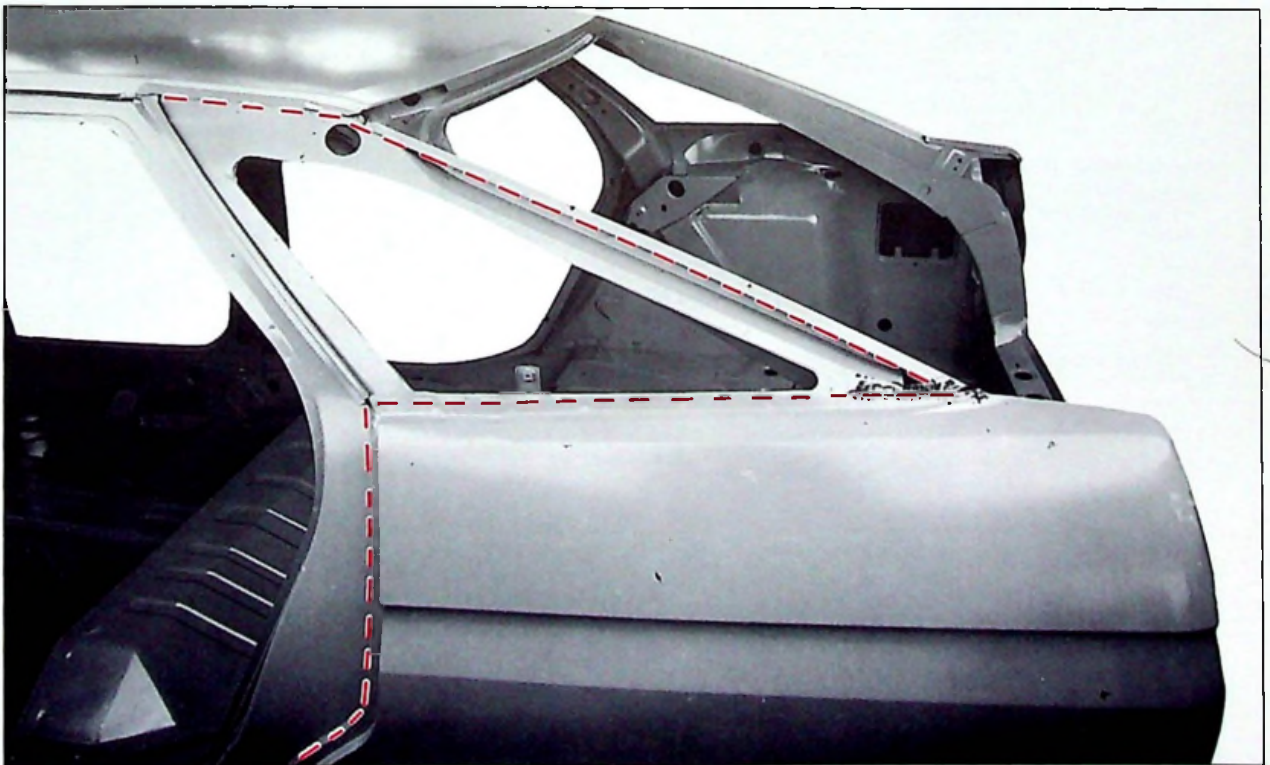


XM
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88-358

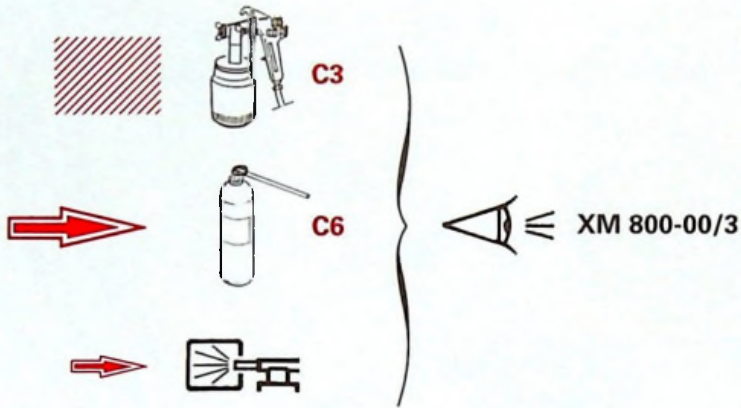


88-368





89-358



88-372

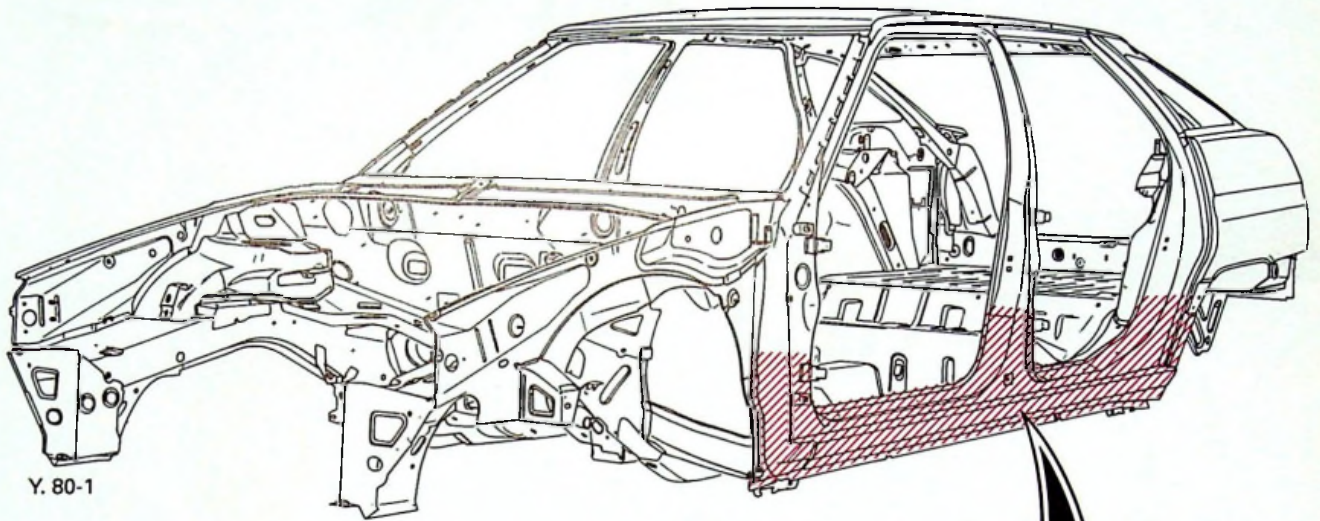


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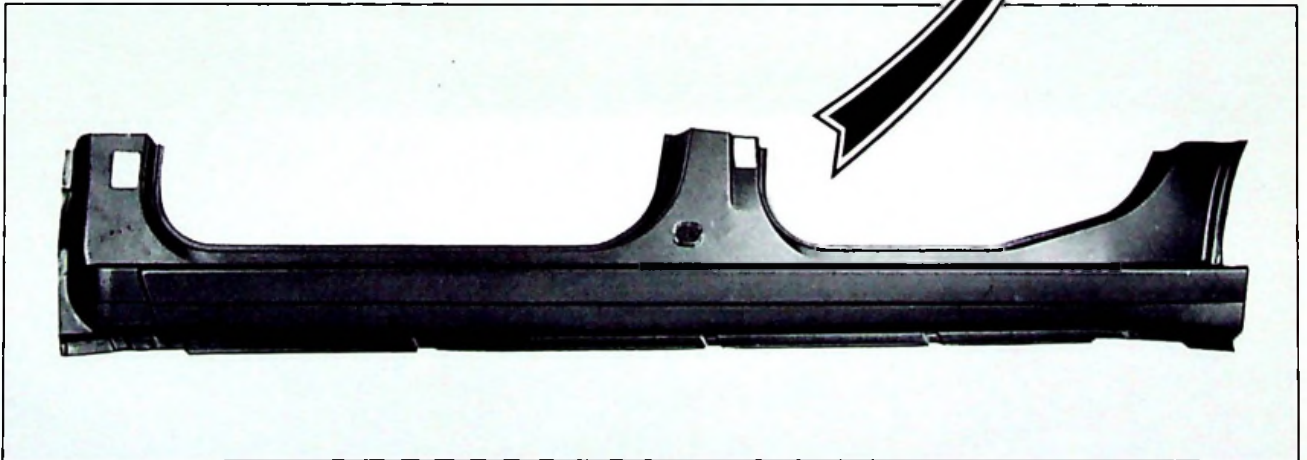


XM
821-3/8

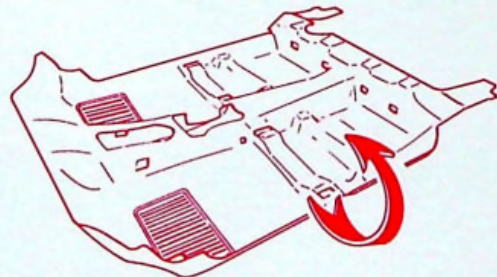
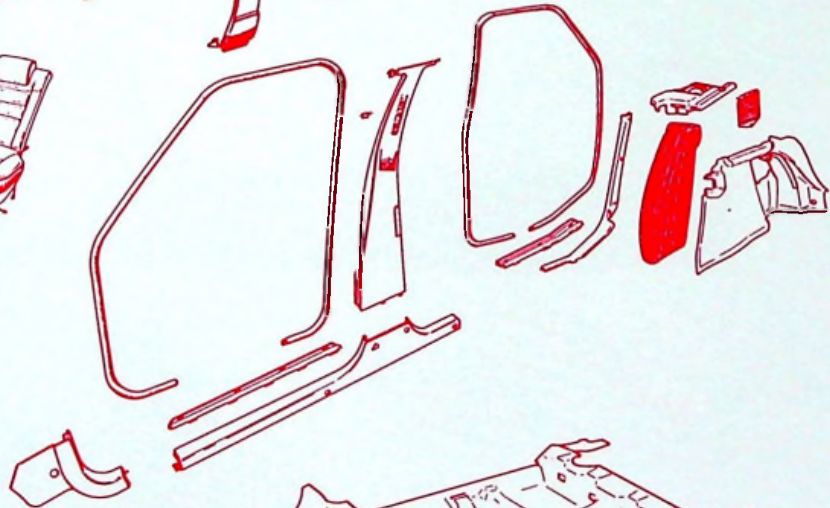
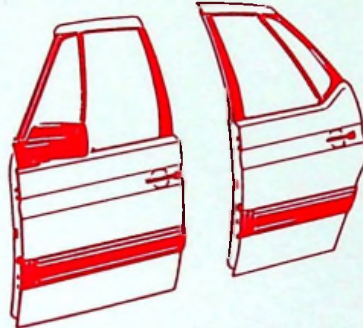
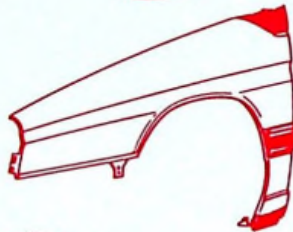
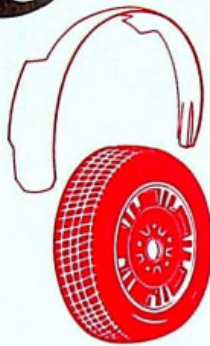
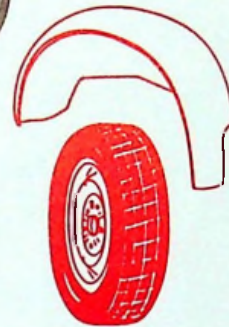
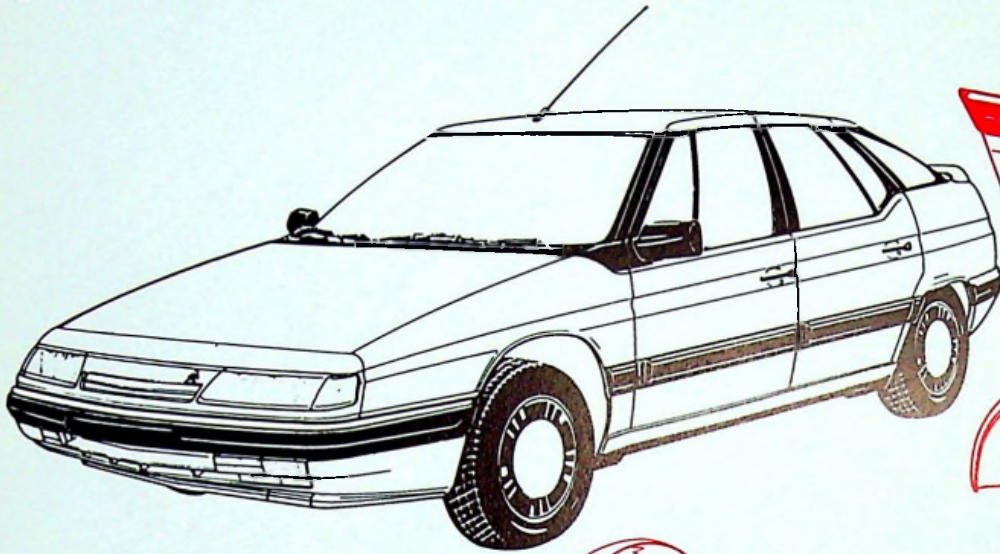
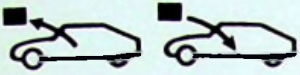
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Y. 80-1



89-1667



Y.80-7a

Y.80-8

Y.80-23

Y.80-24

Y.80-27

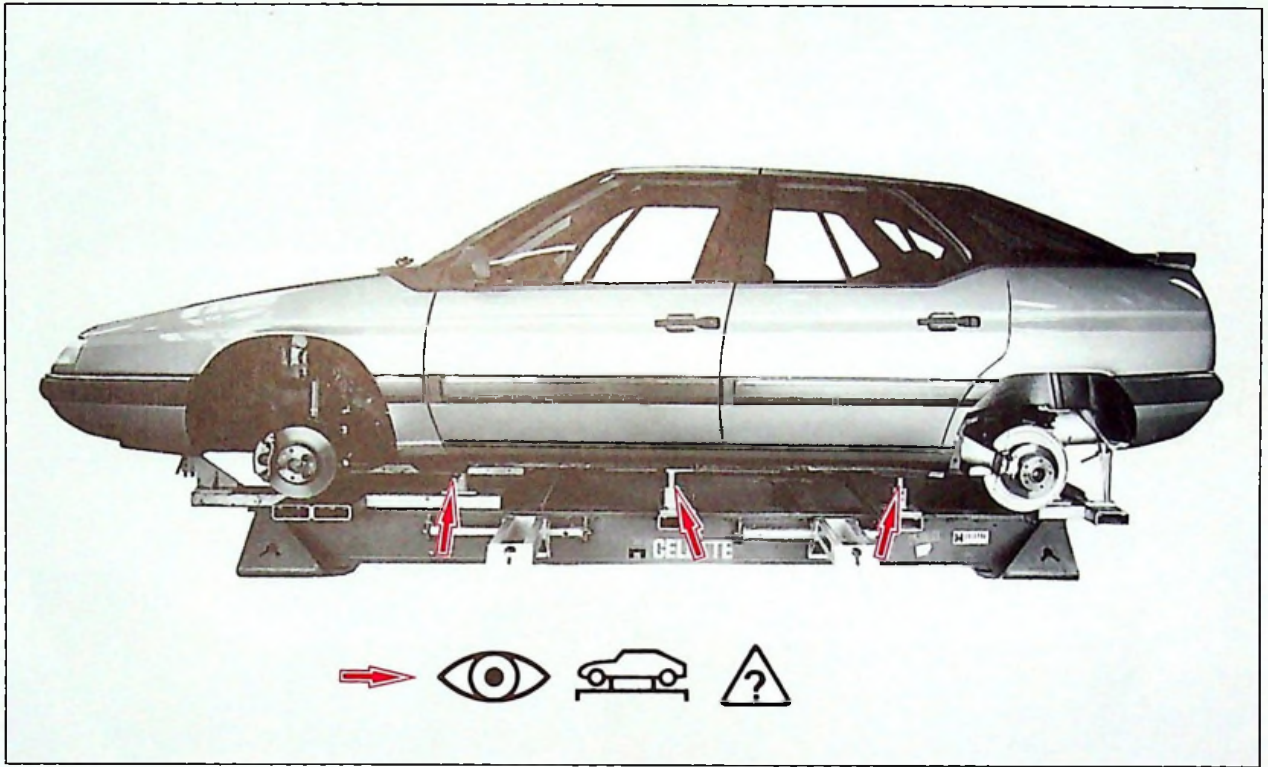


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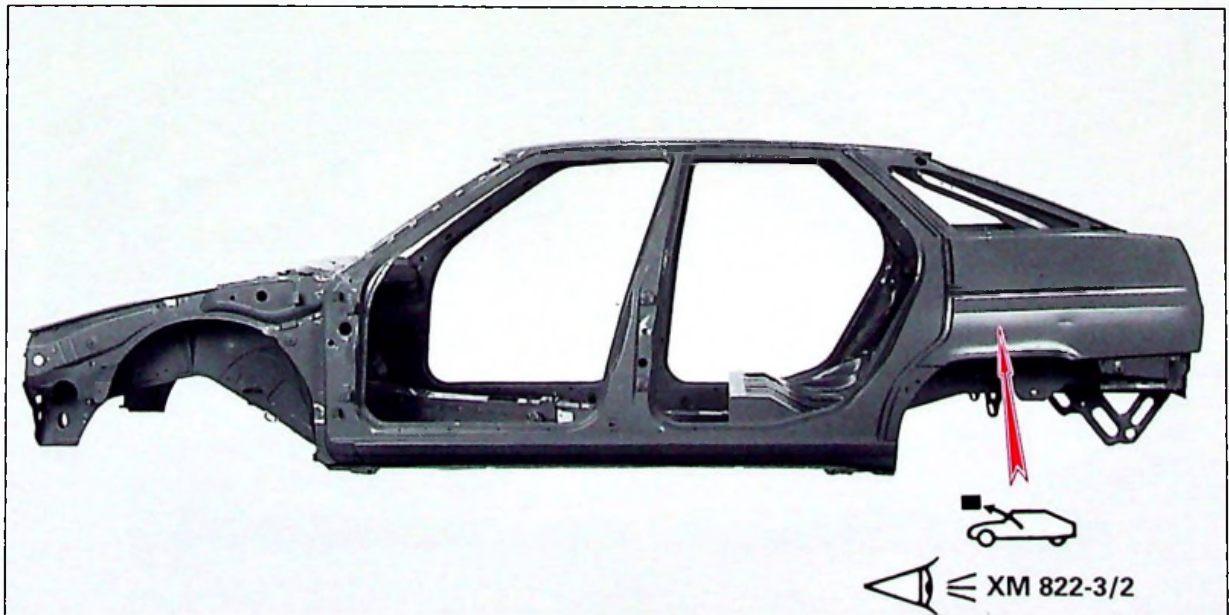


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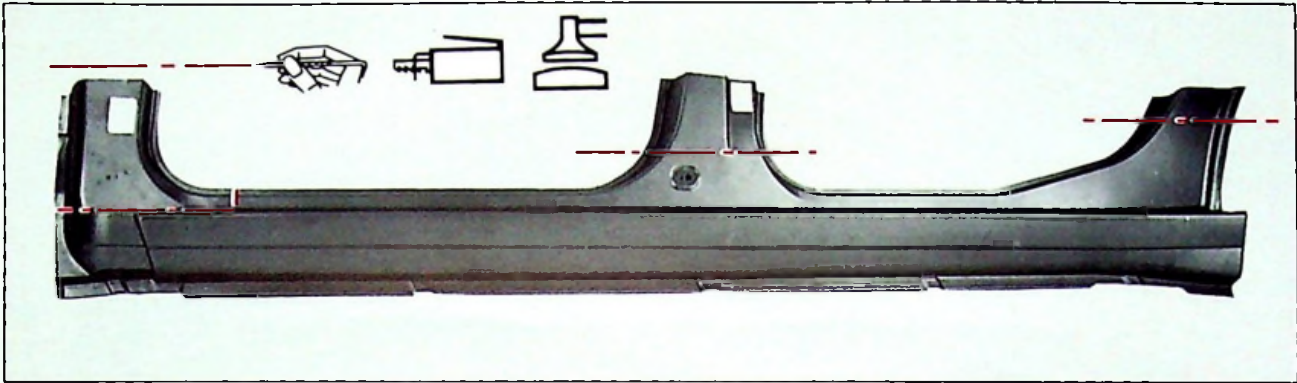
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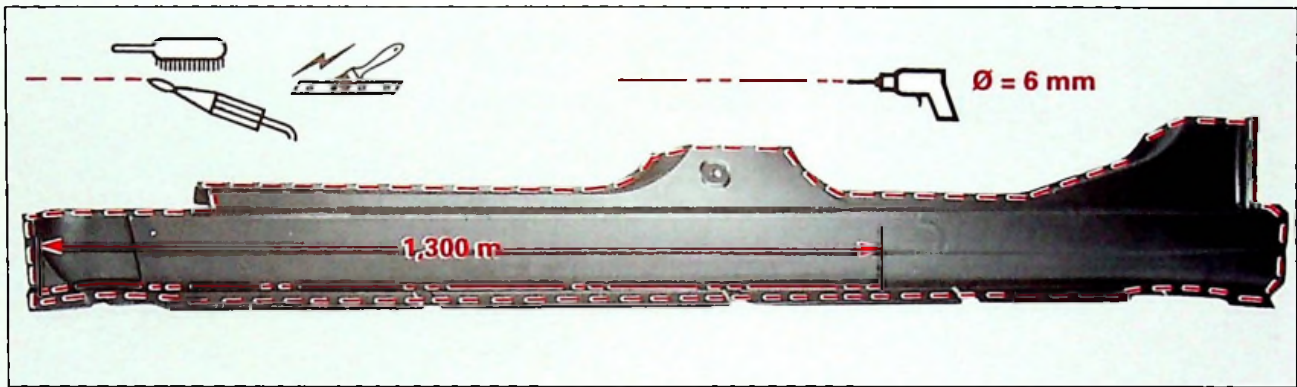
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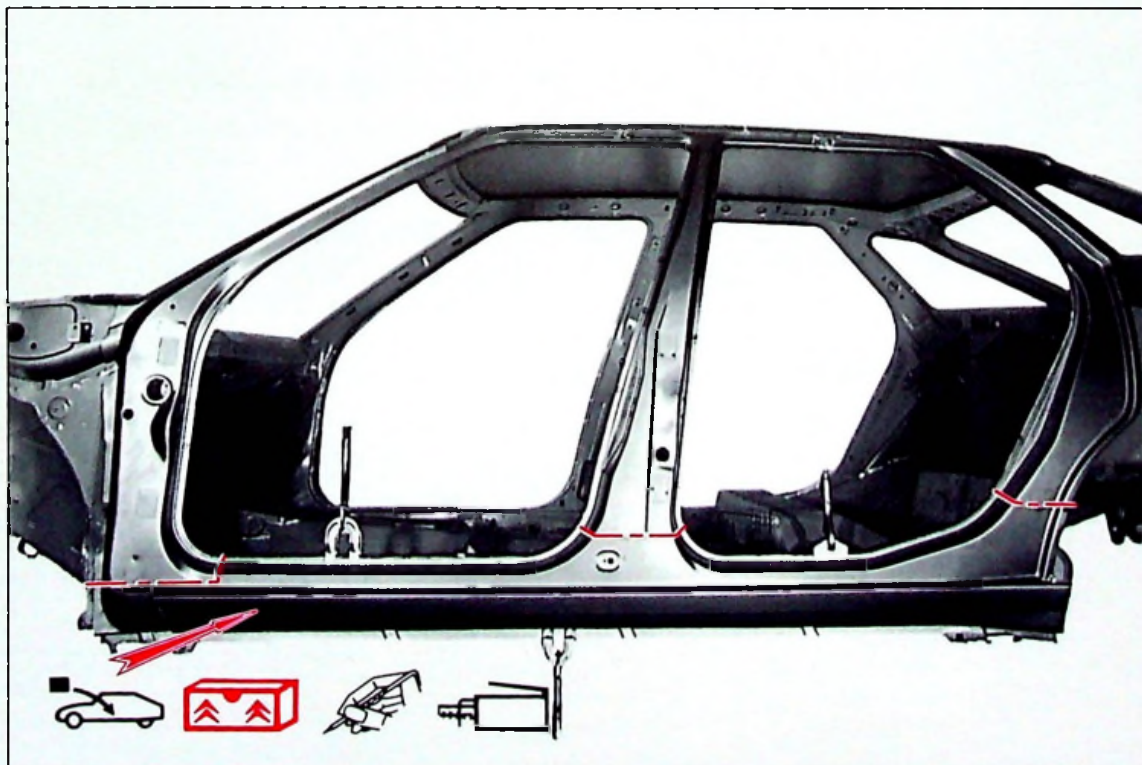
88-358



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89-1668



89-1787

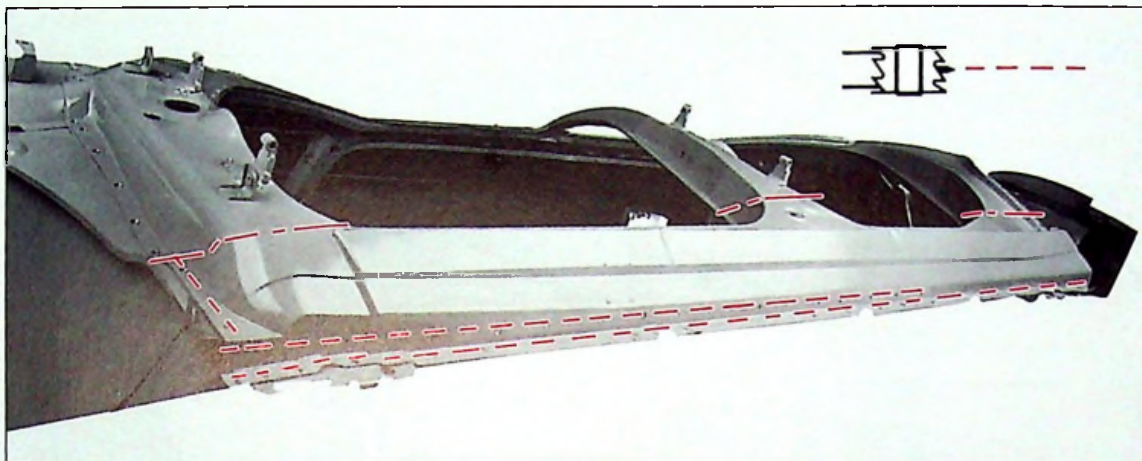


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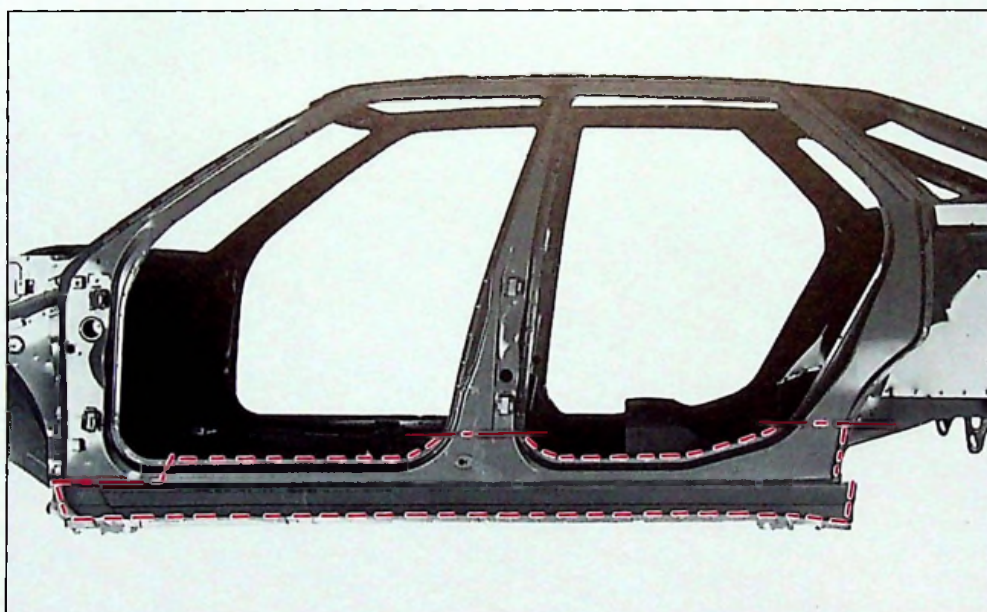


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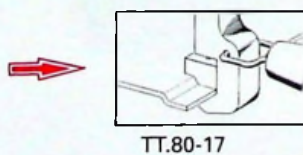
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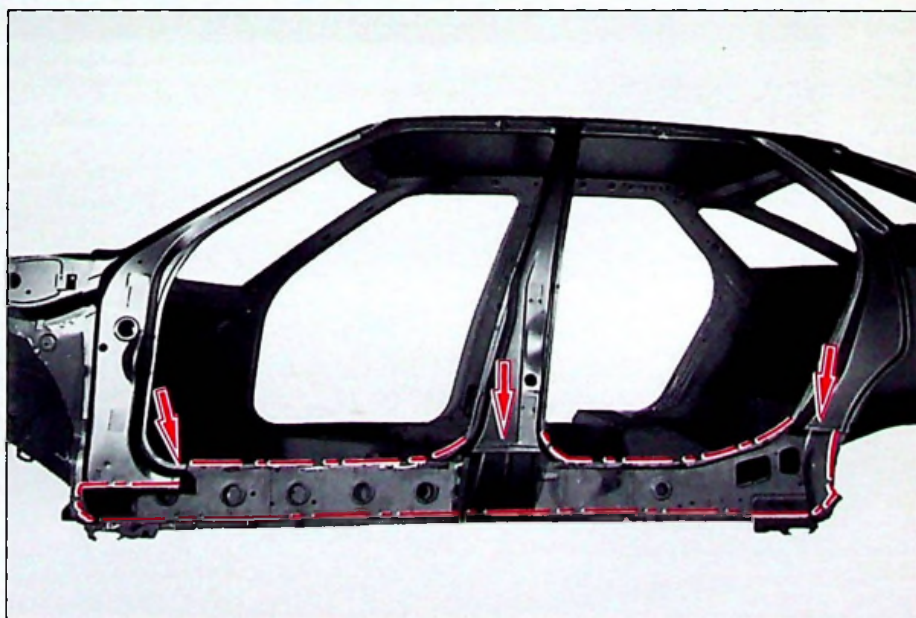
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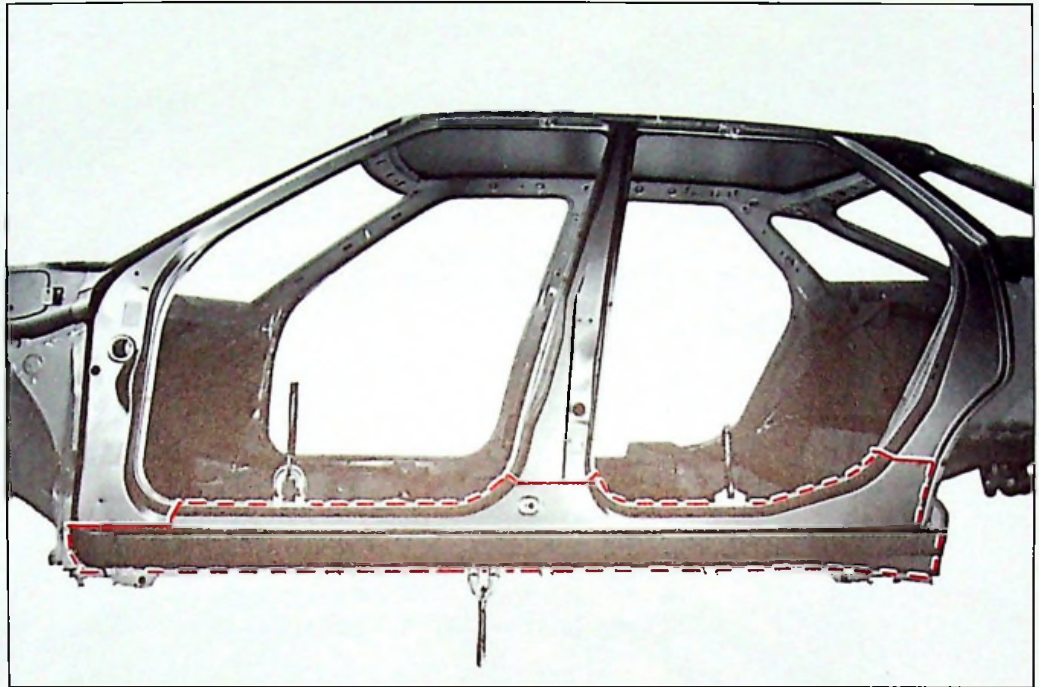
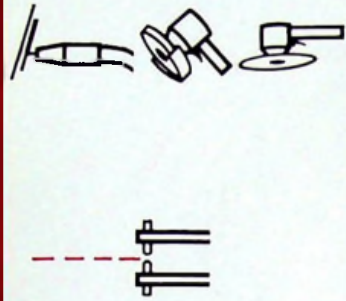
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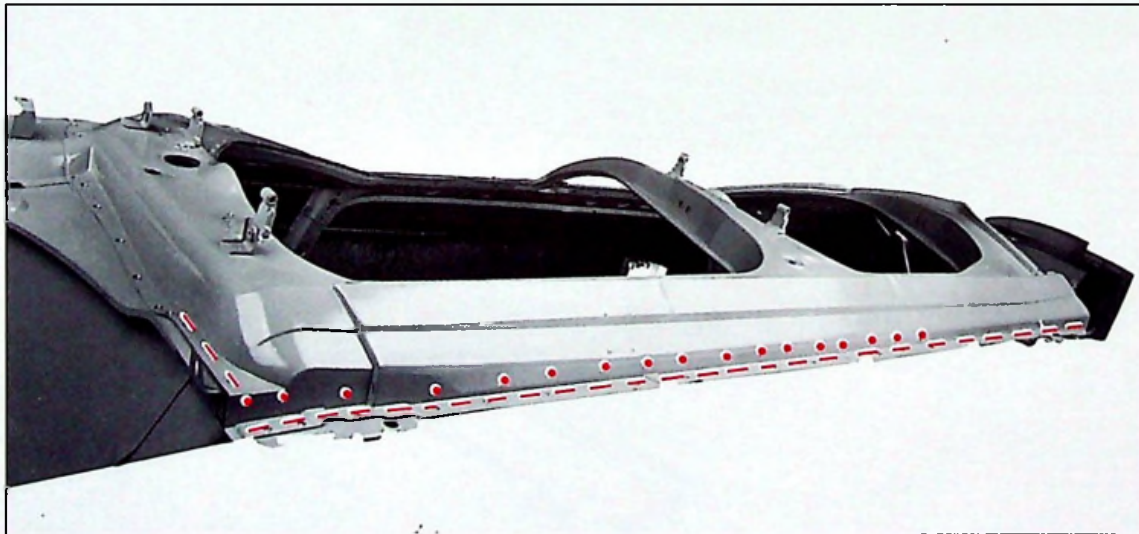
TT.80-17



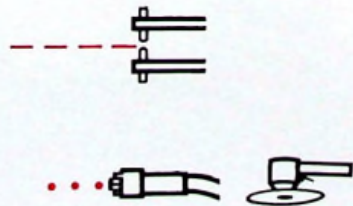
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89-1787



88-873





14

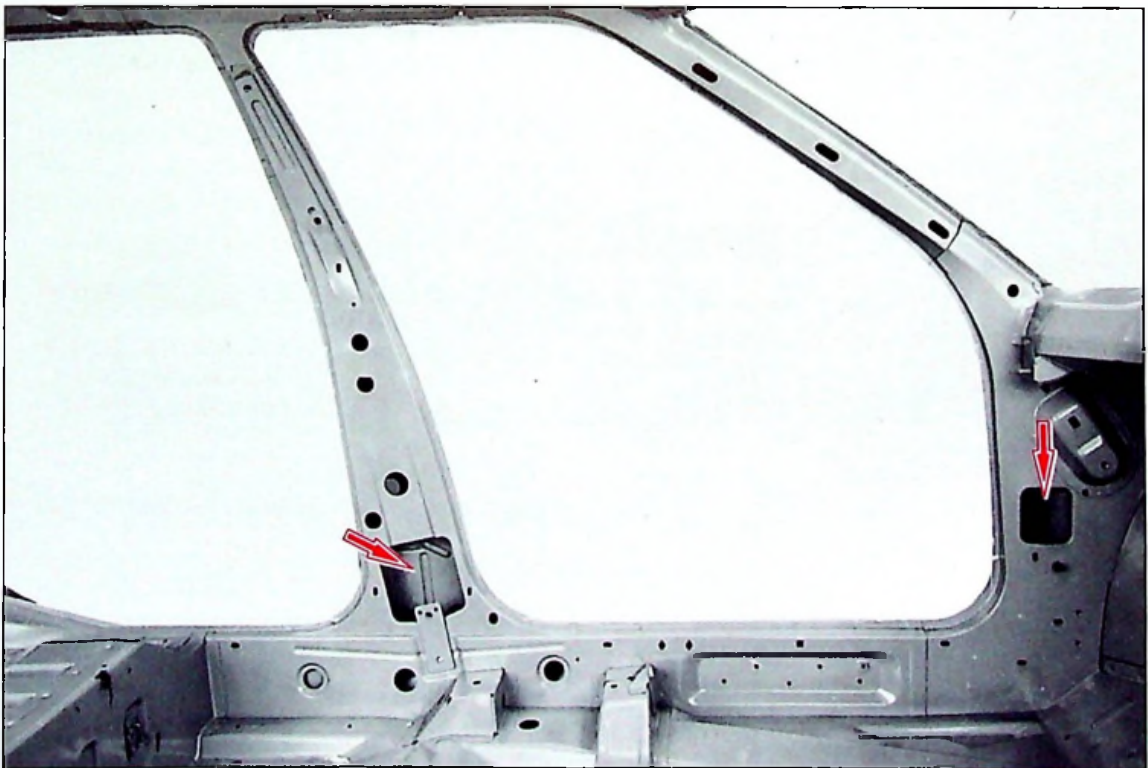
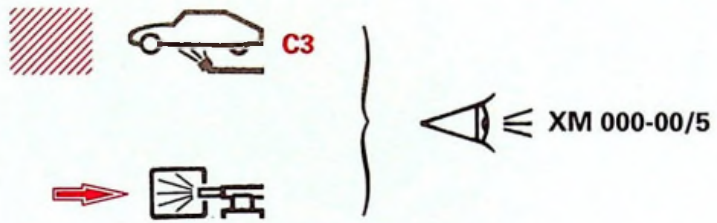


XM
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88-358



88-379

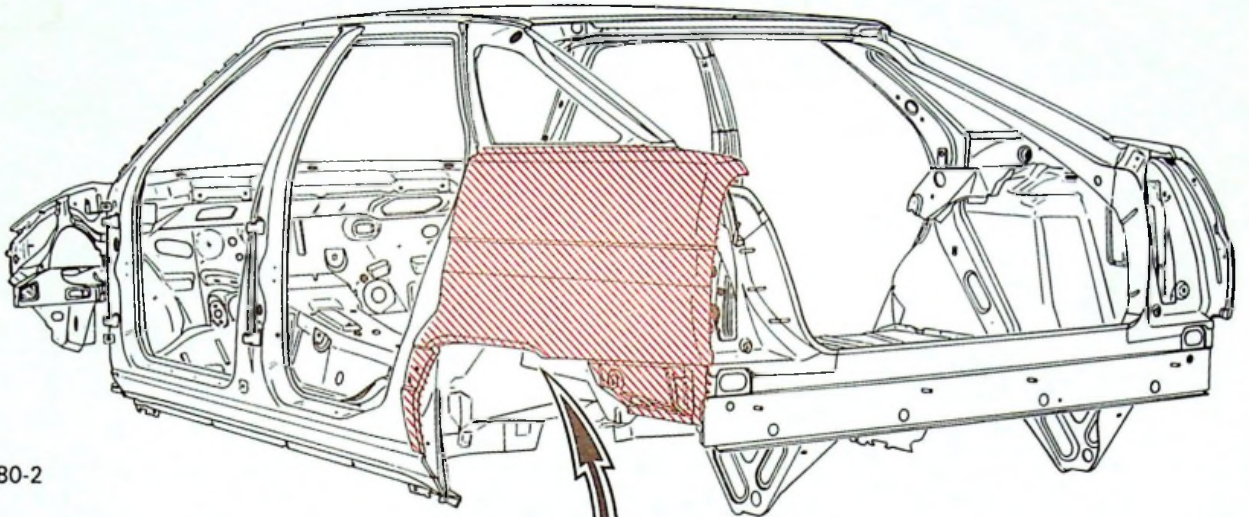


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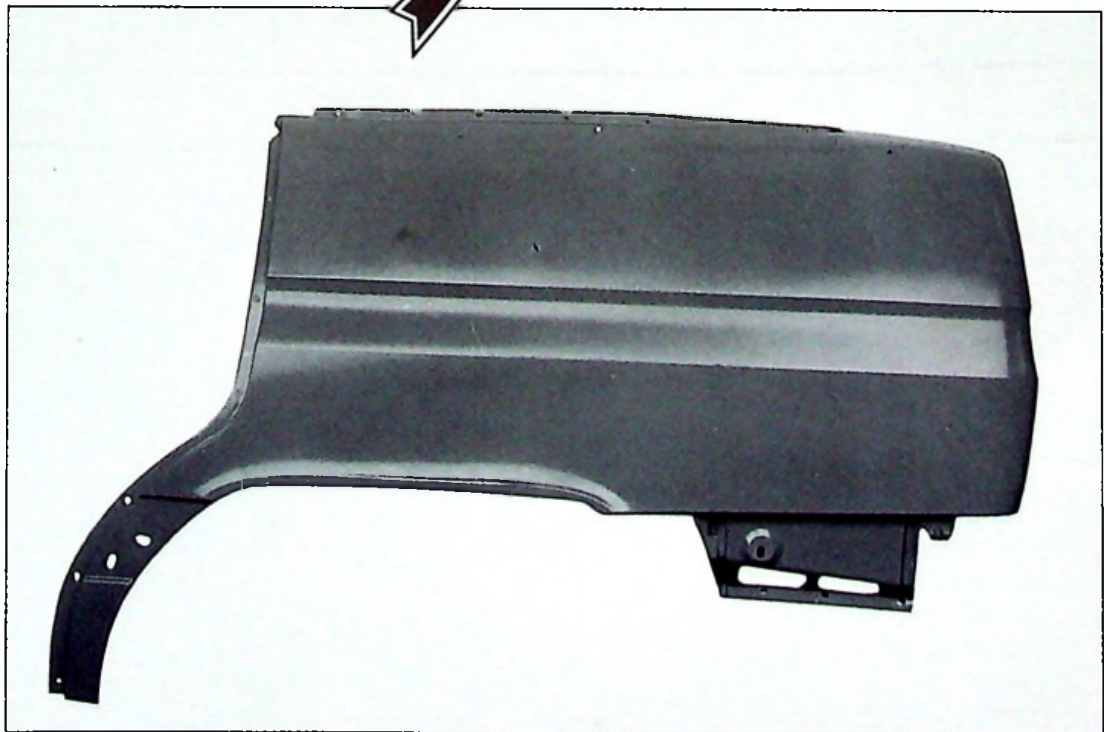


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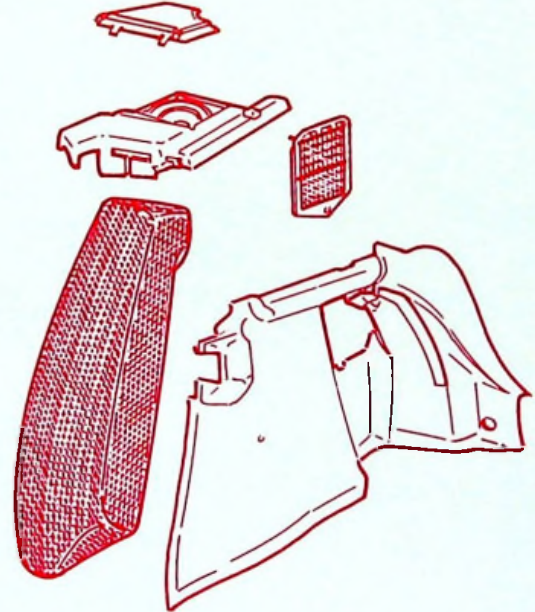
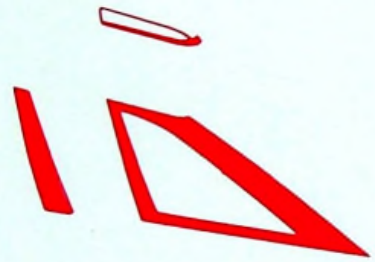
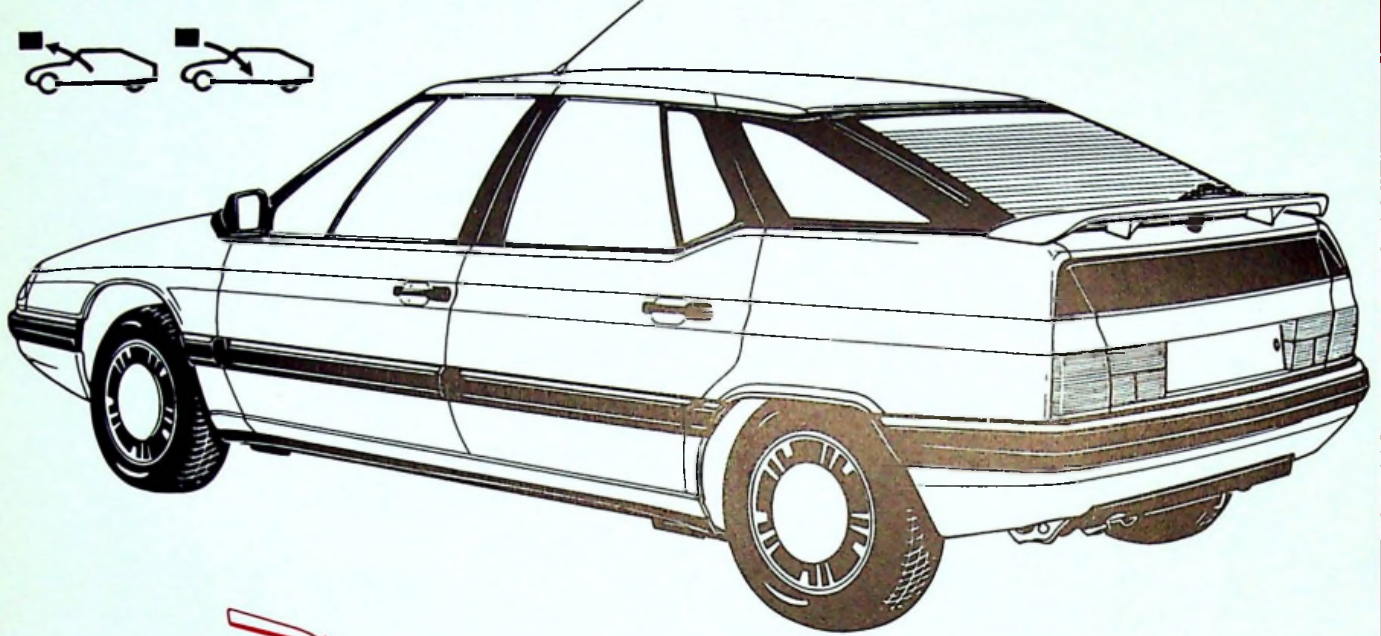
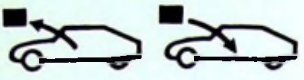
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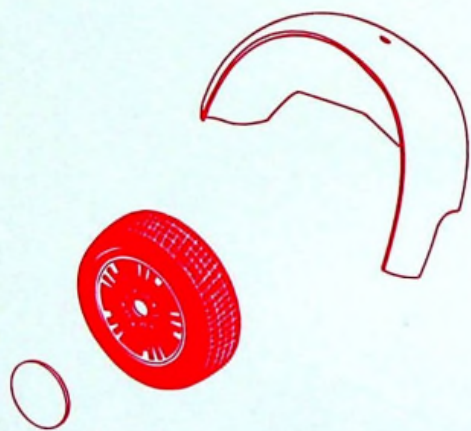
Y.80-2



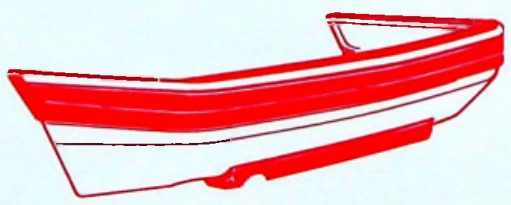
88-464



Y.80-23



Y.80-7



Y.80-8

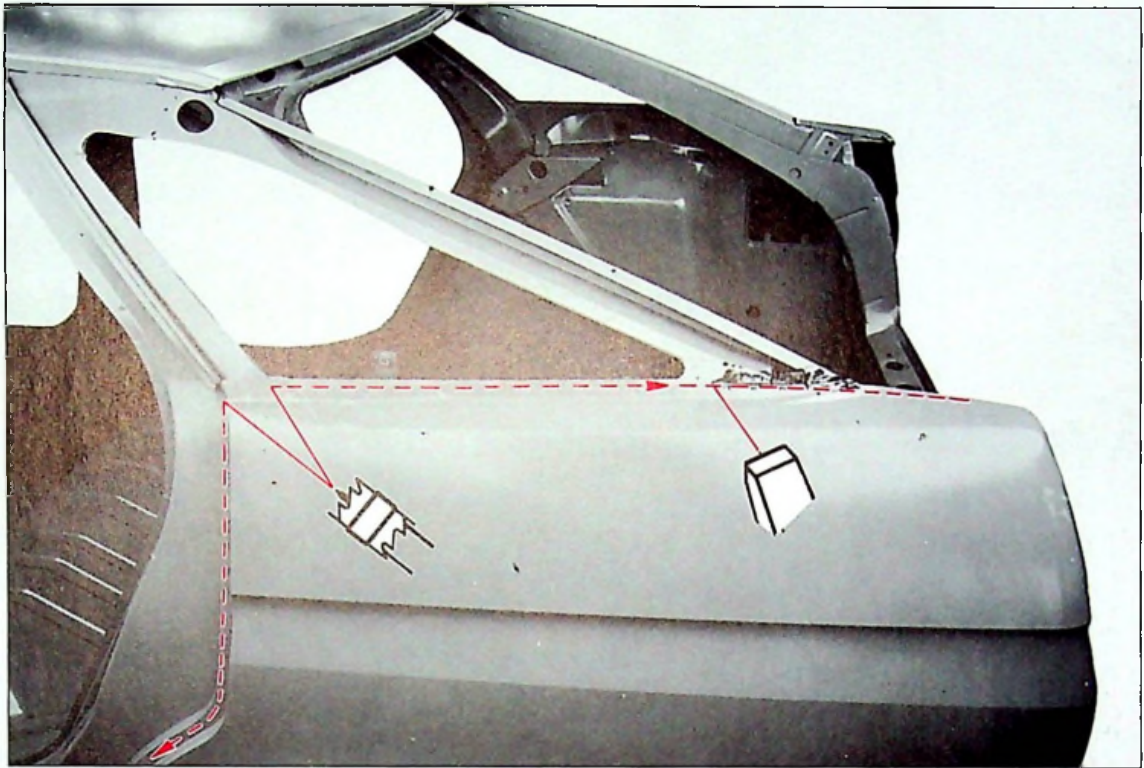


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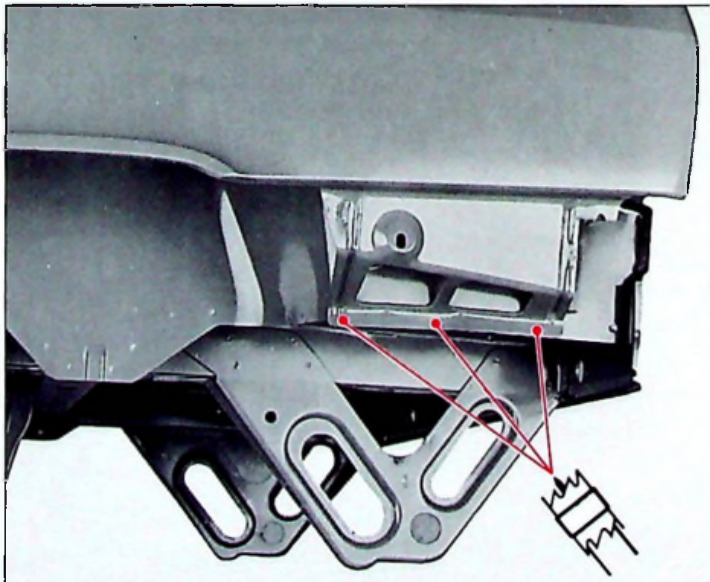


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3



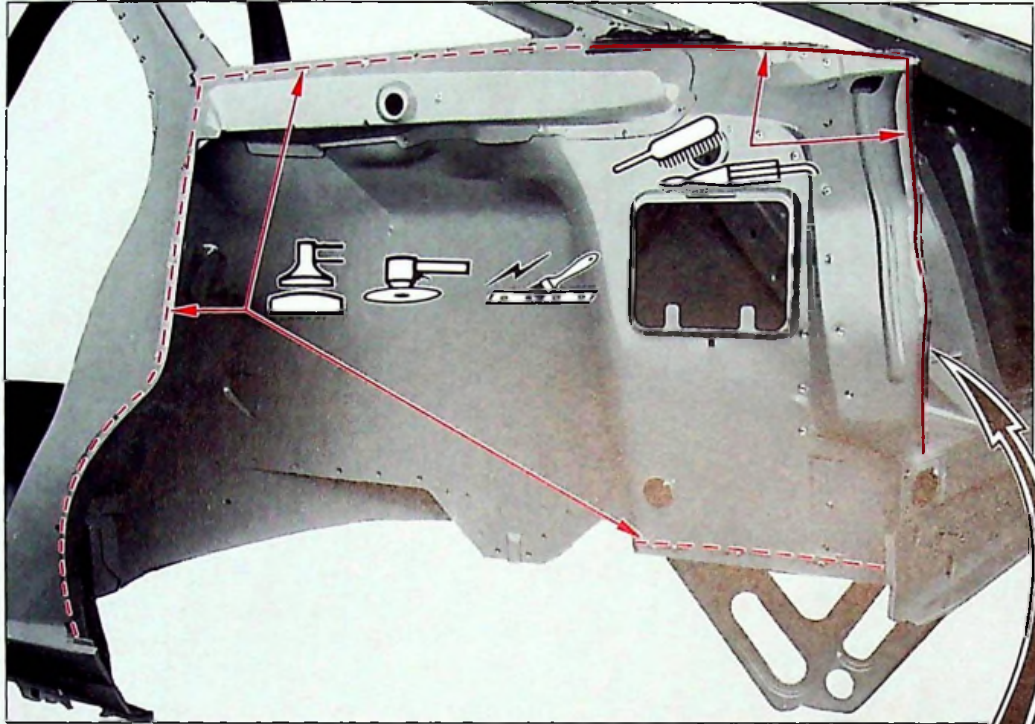
88-368



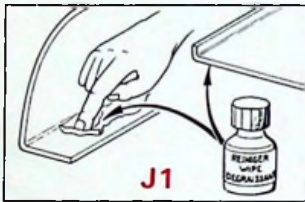
88-369



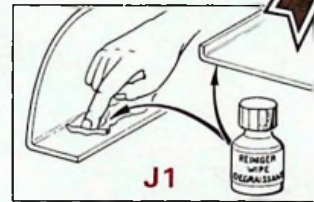
88-378



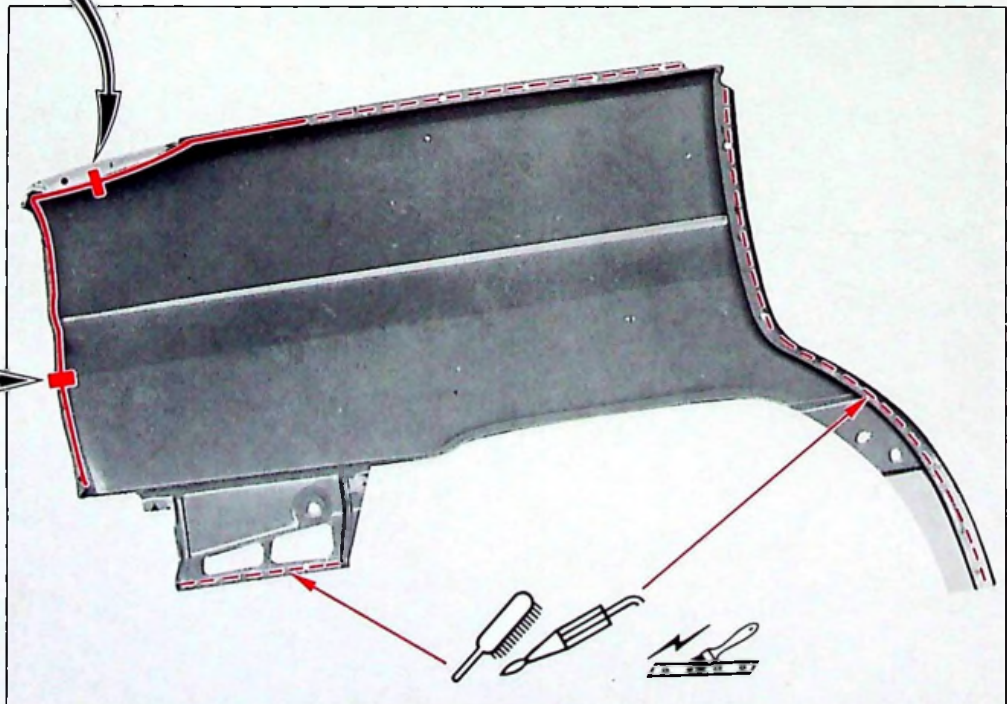
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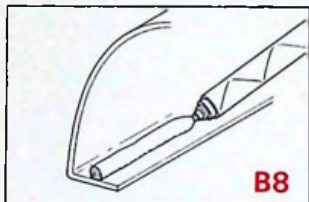
Y.82-4



Y.82-4



88-470



Y.82-4



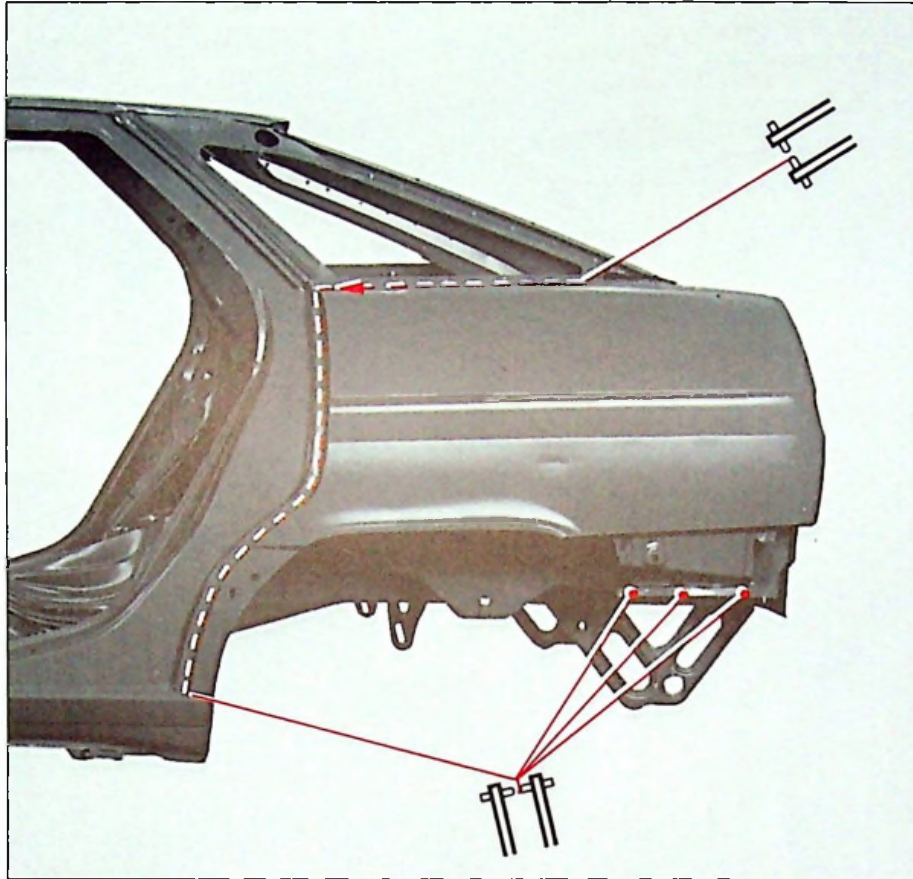


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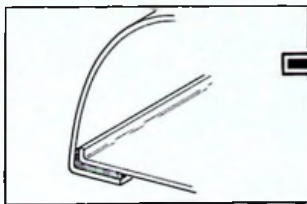


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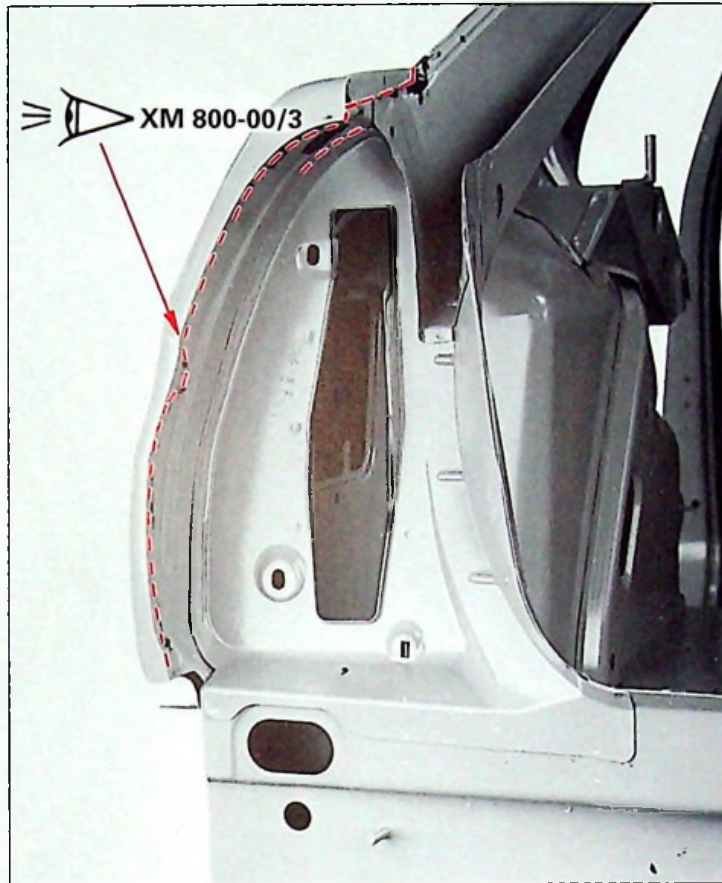
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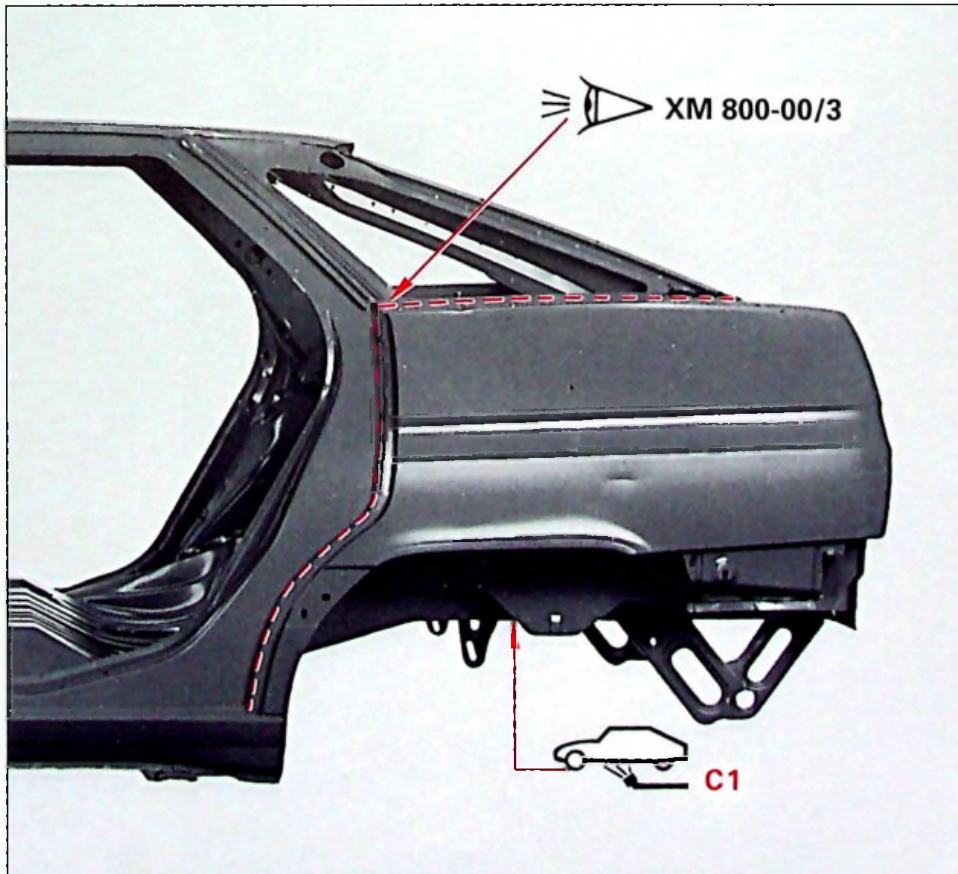
88-358



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88-378



88-358

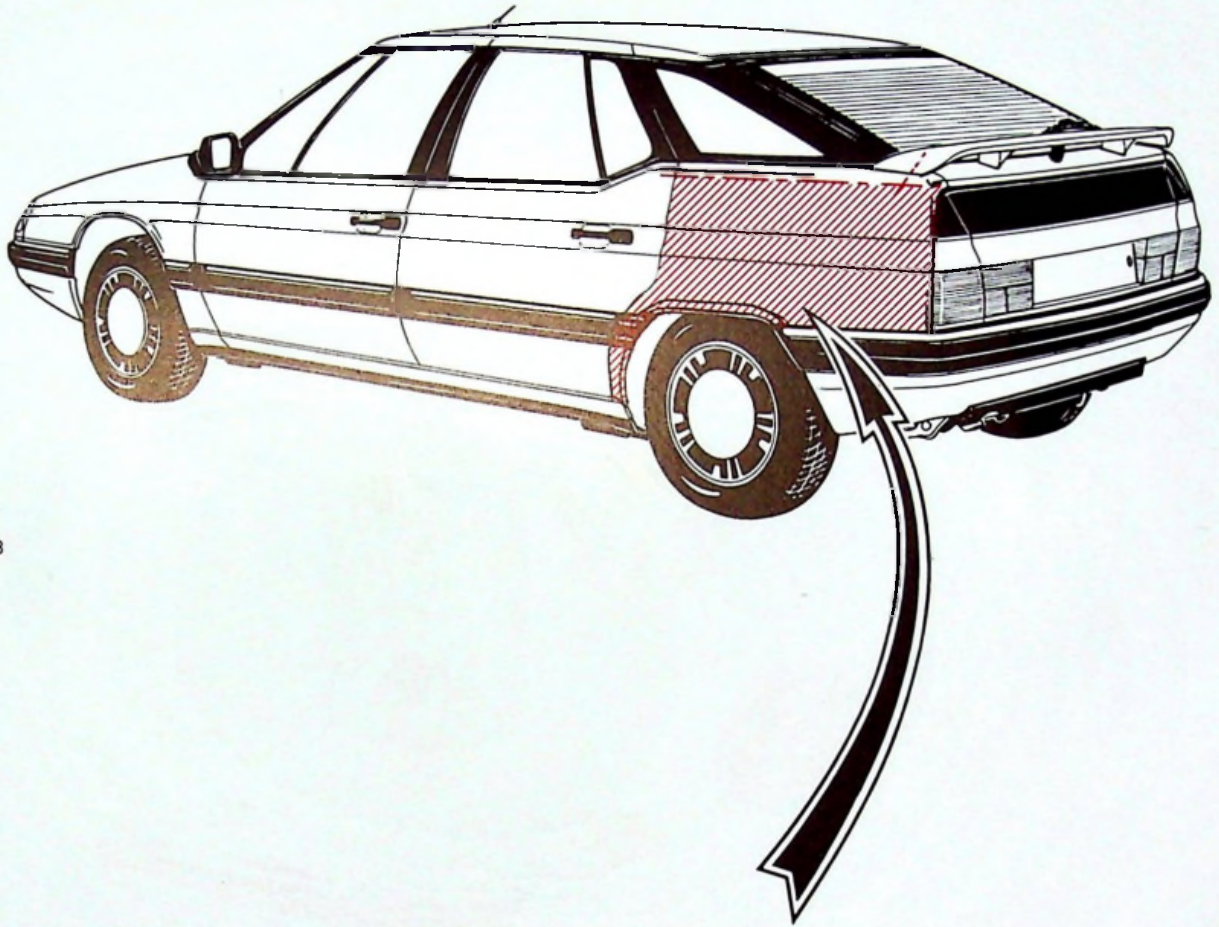


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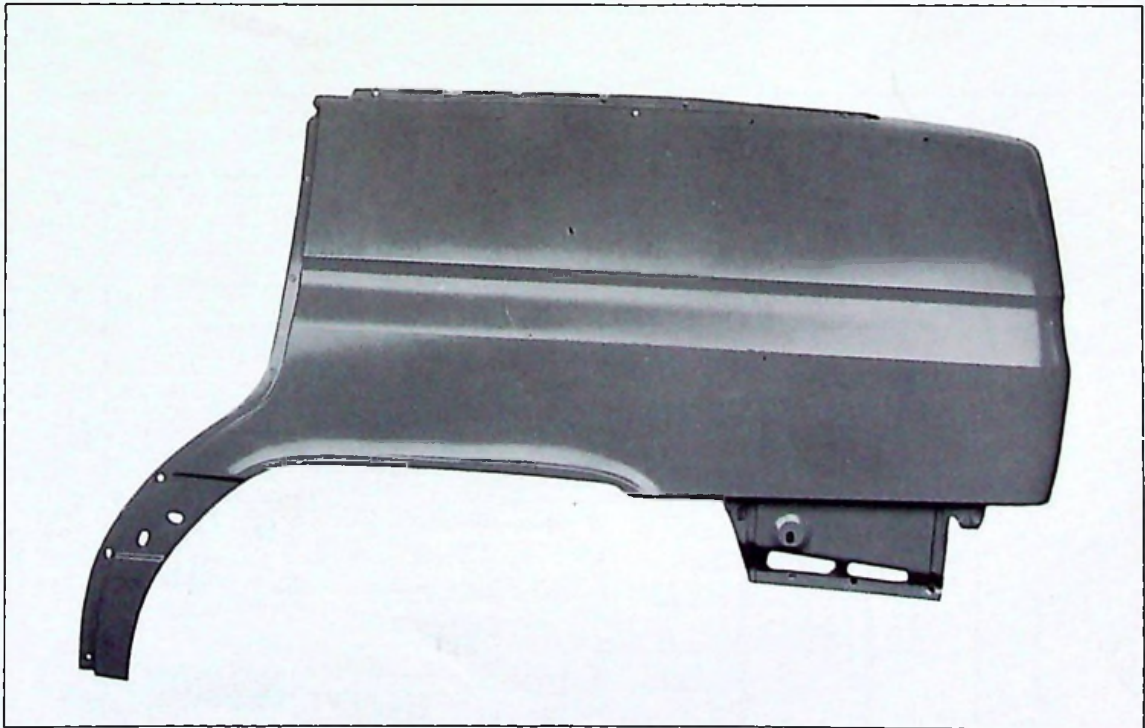


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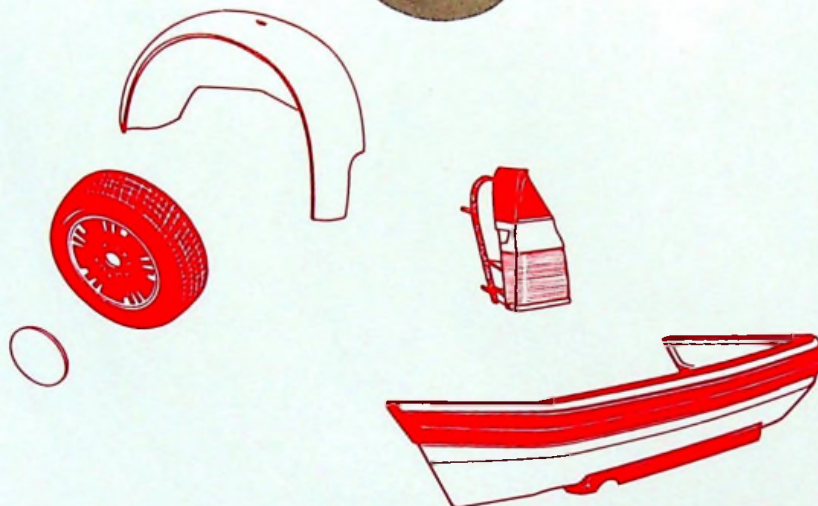
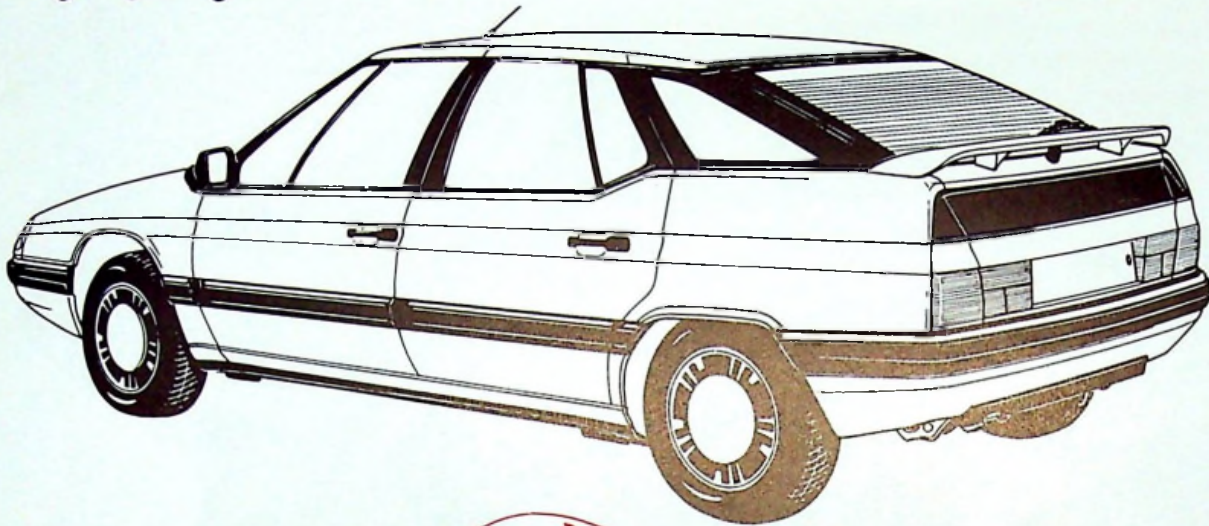
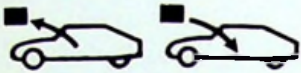
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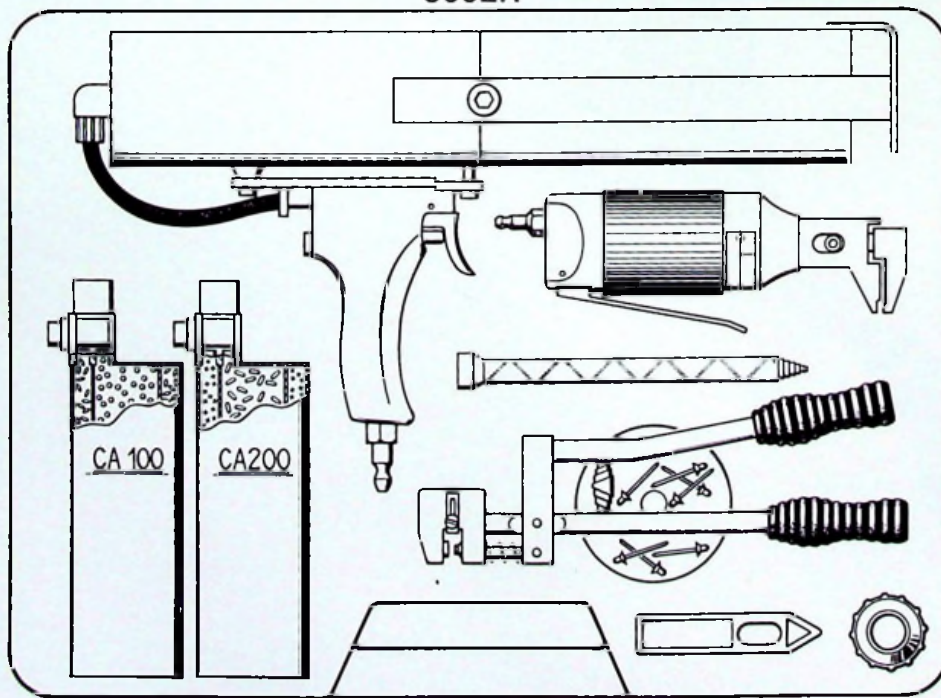
Y.80-8



88-464



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TT.80-23

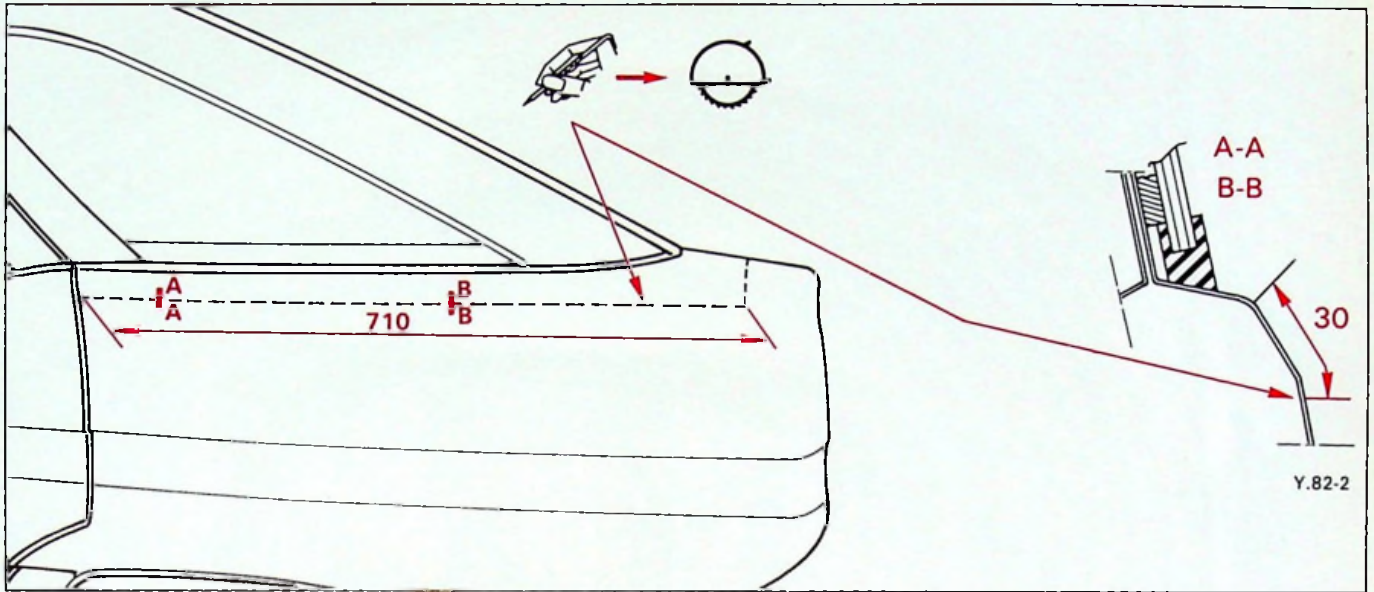


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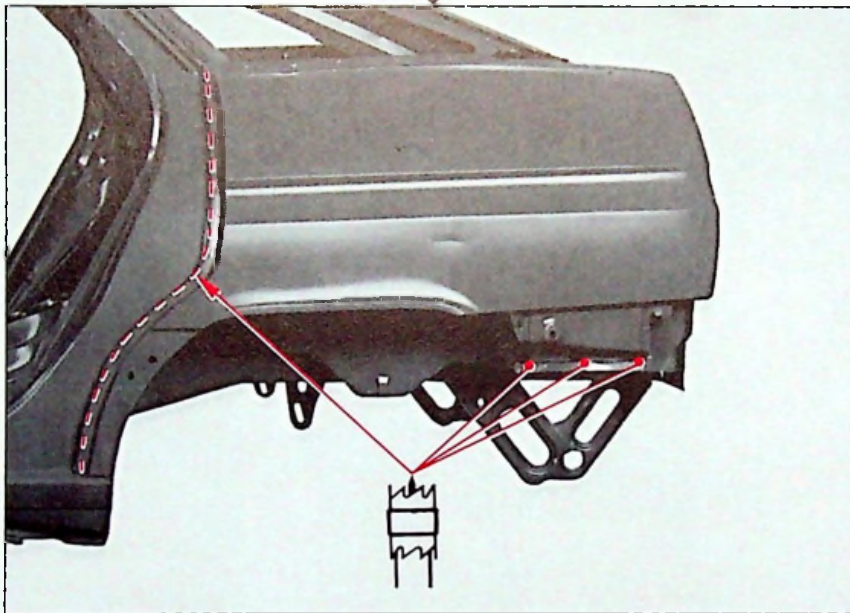


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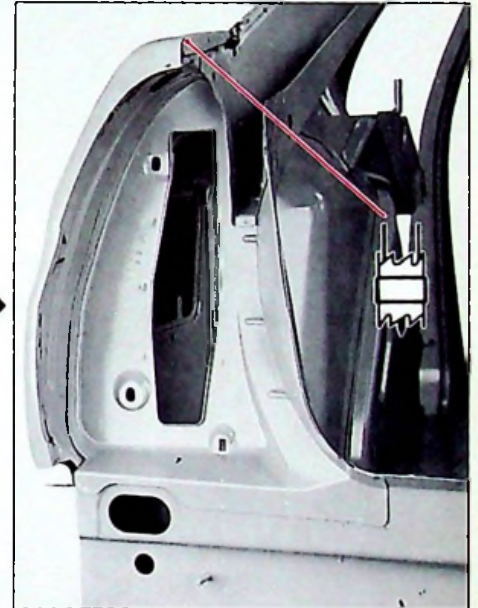
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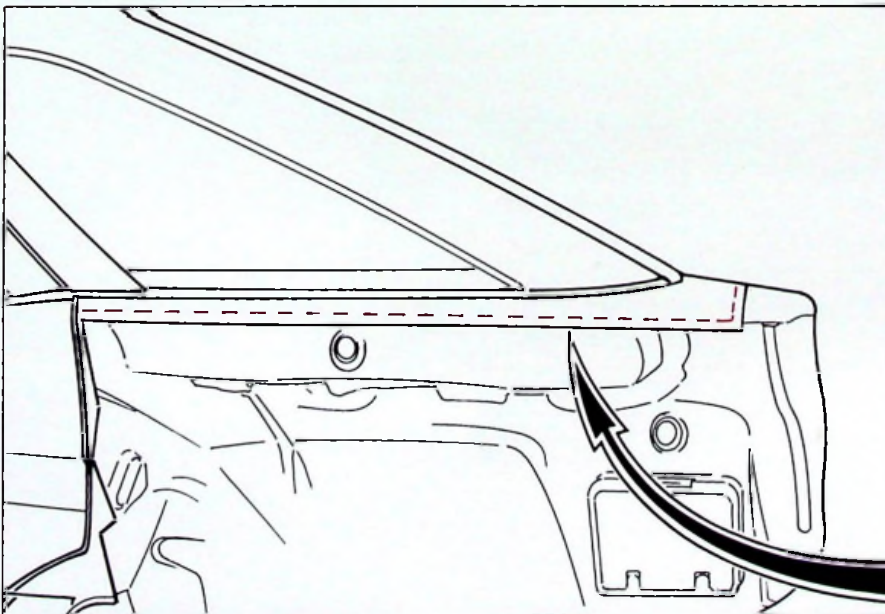
Y.82-1



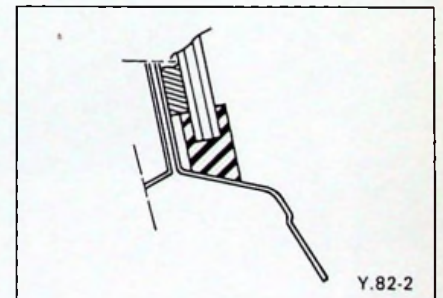
88-358



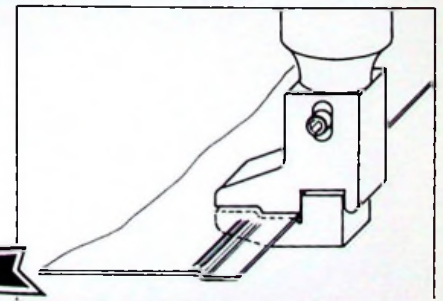
88-378



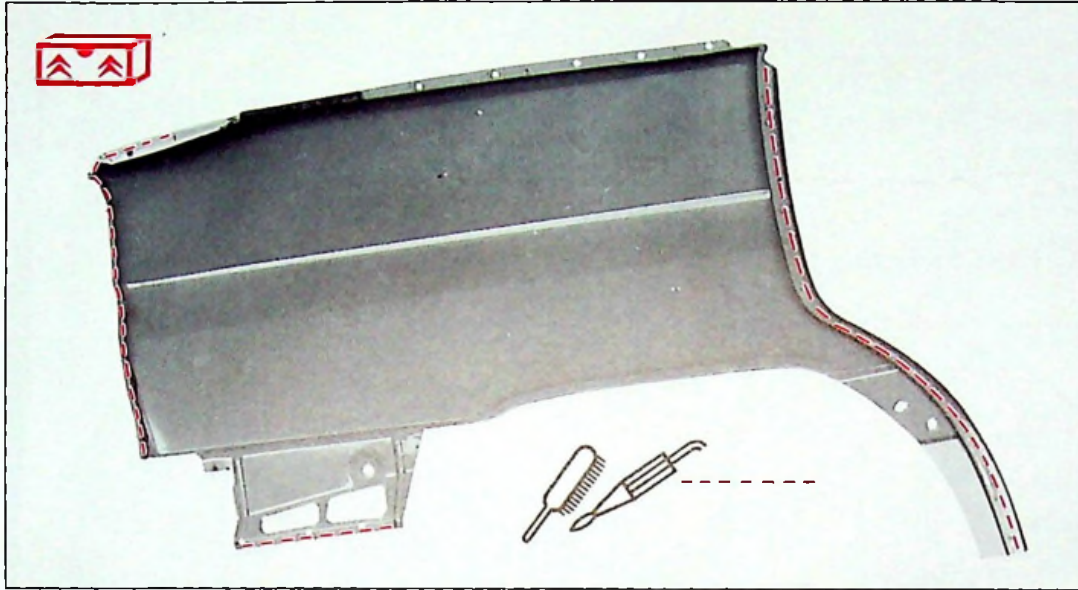
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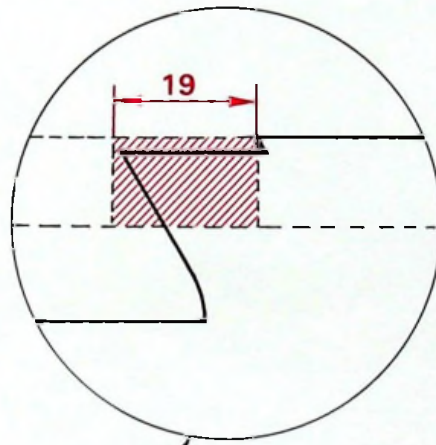
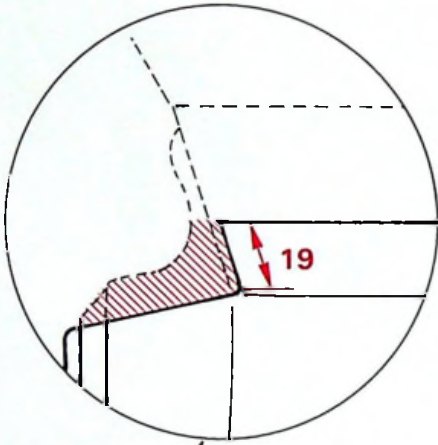
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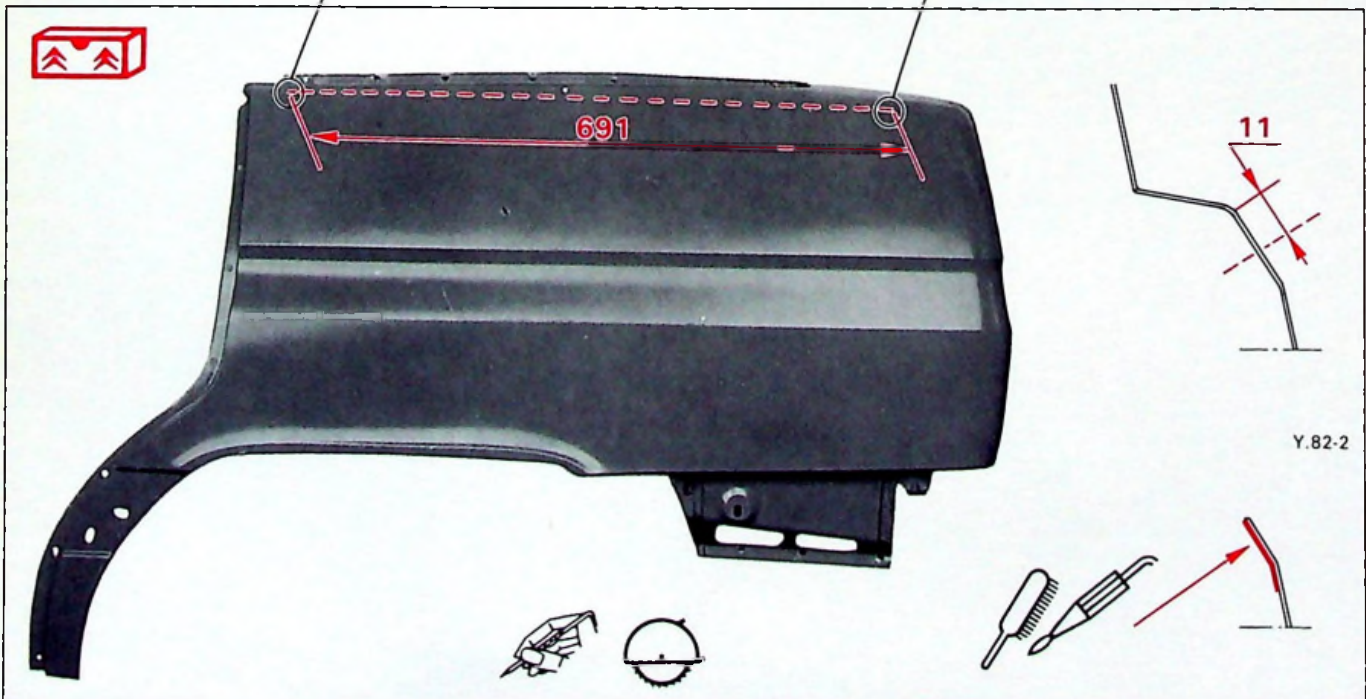
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88.470



Y.82-6



Y.82-2

88.464

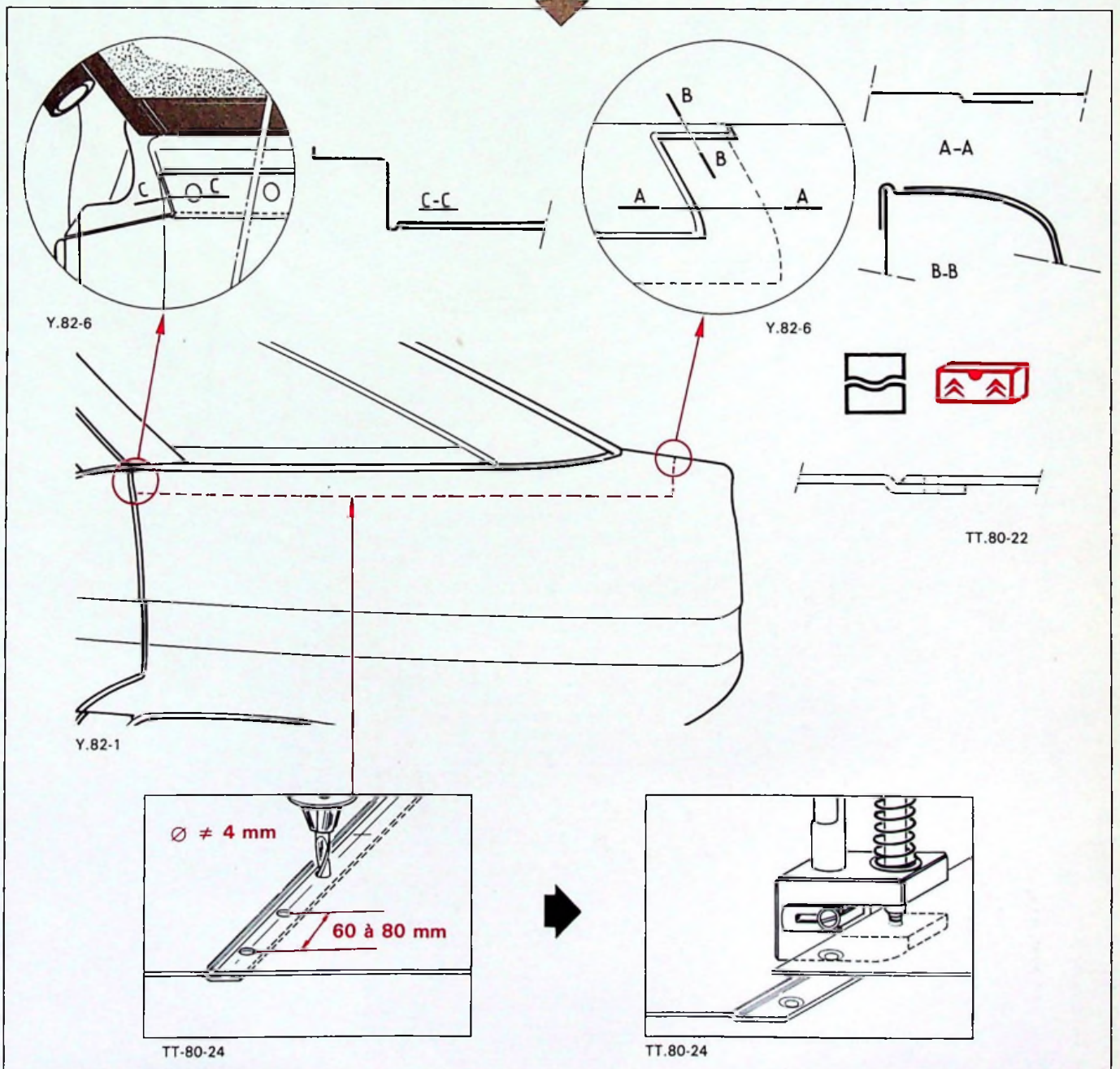
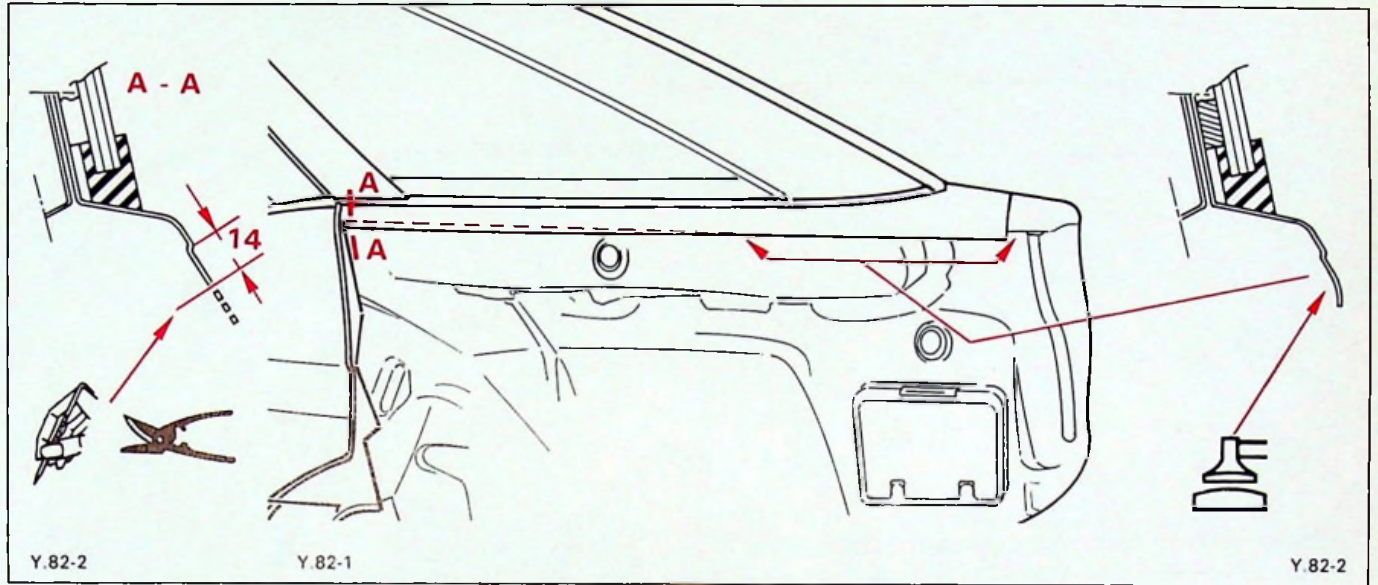


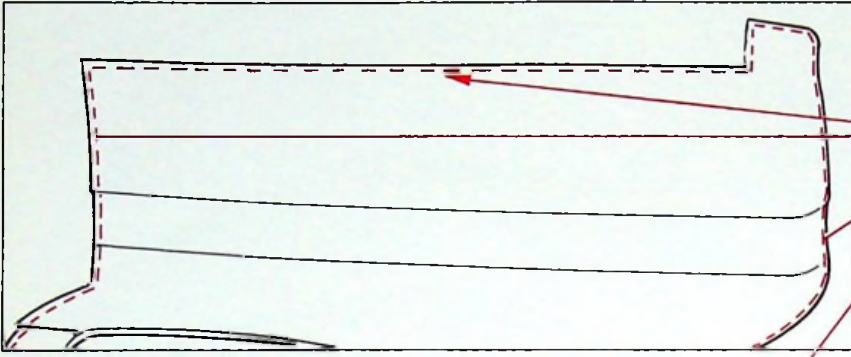
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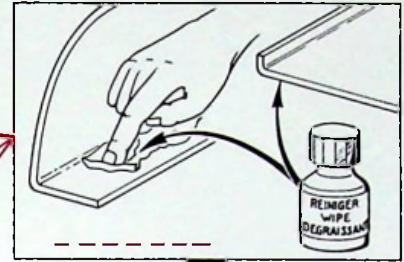
XM
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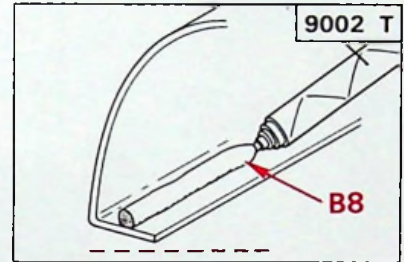




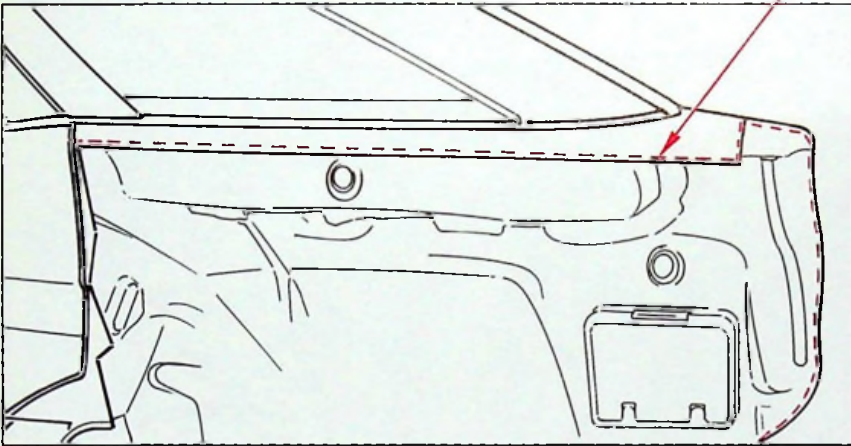
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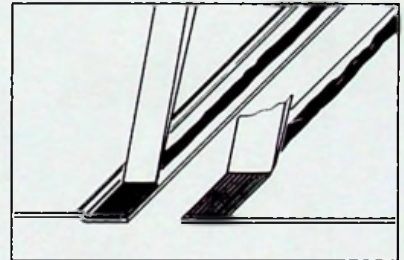
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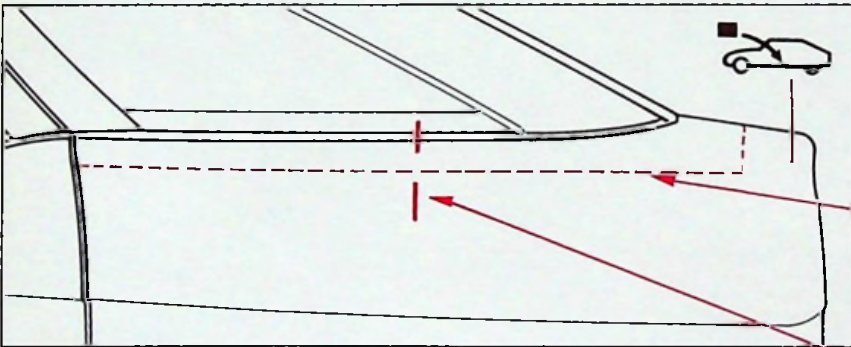
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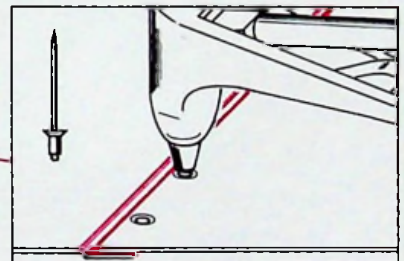
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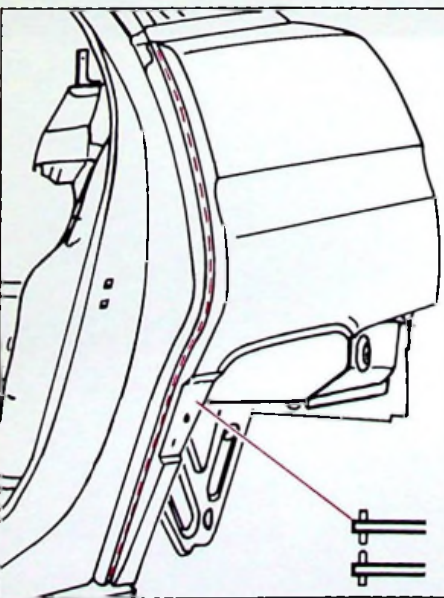
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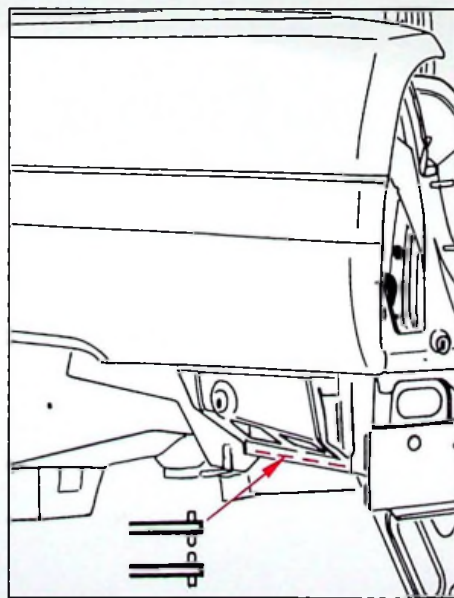
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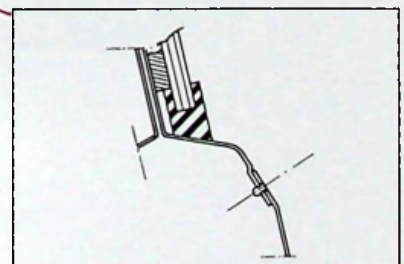
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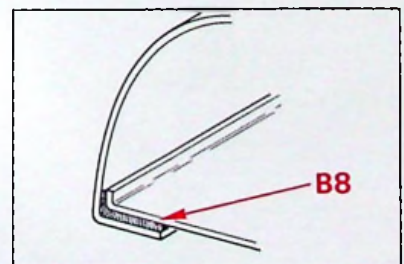
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Y.80-2



Y.82-2



Y.82-4

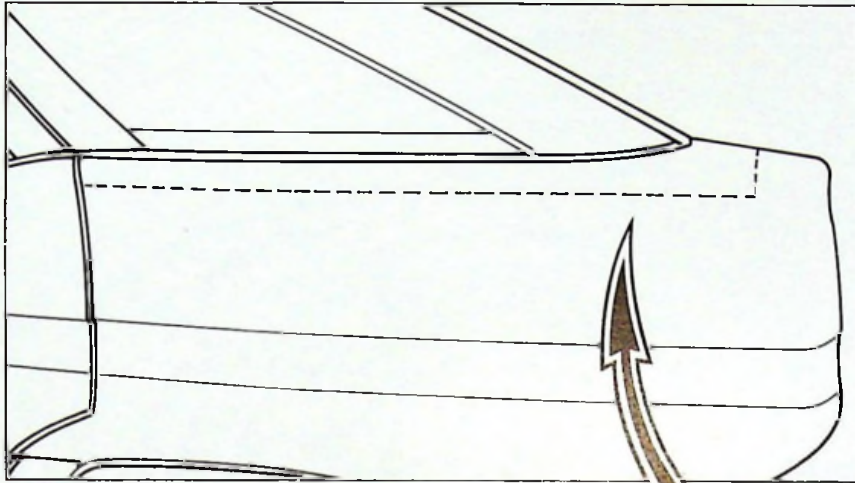


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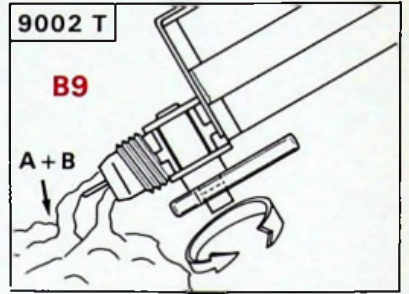


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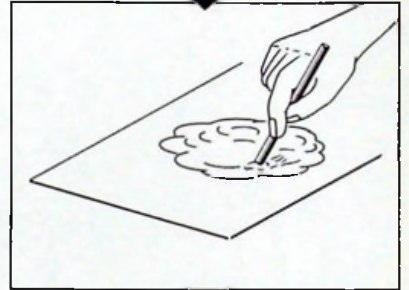
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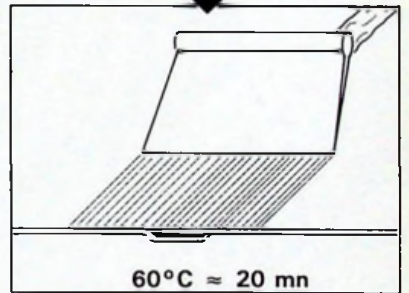
Y.82-1



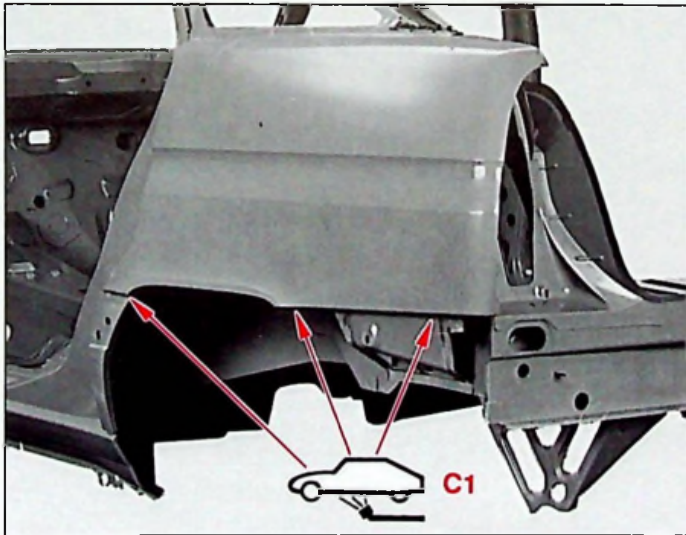
TT.80-24



TT.80-17



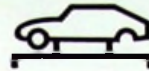
TT.80-24



88-357

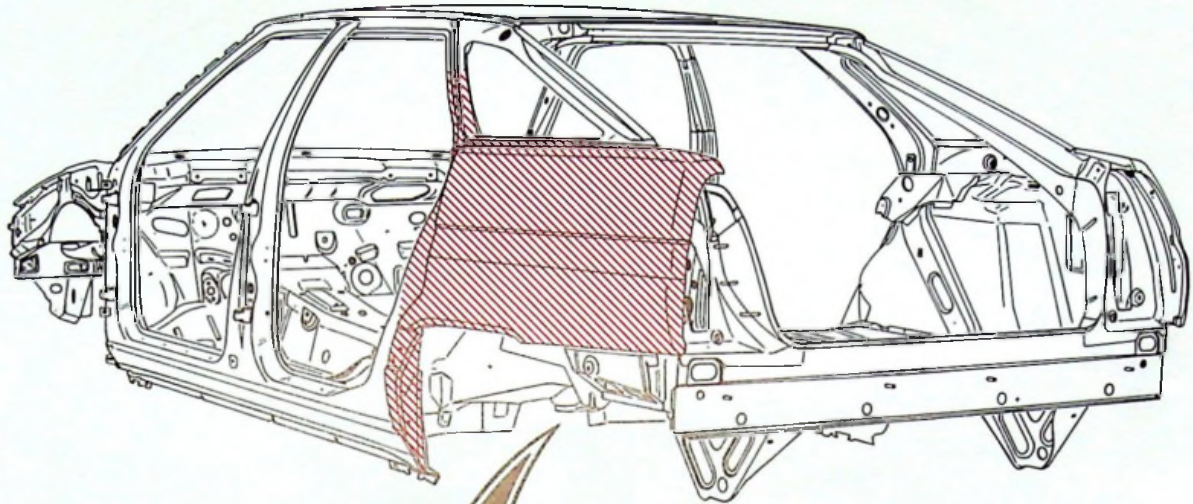


14

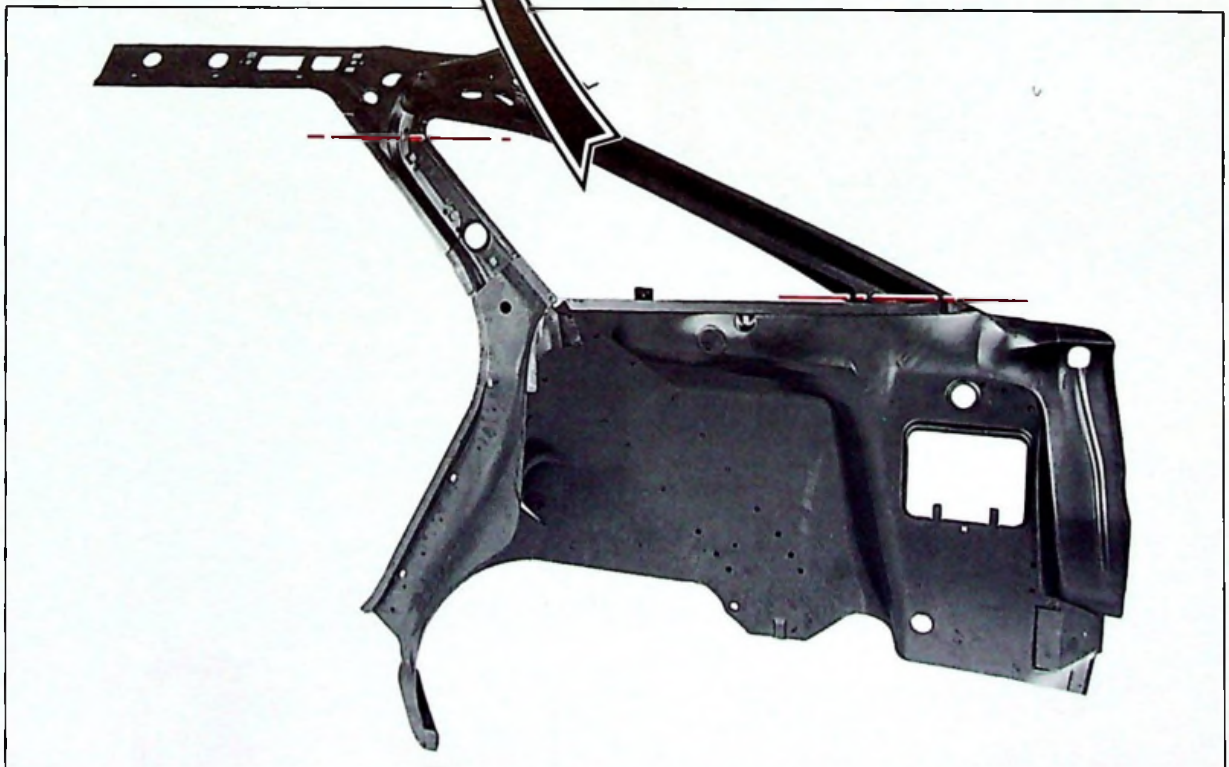


XM
822-3/3

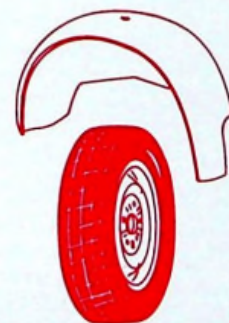
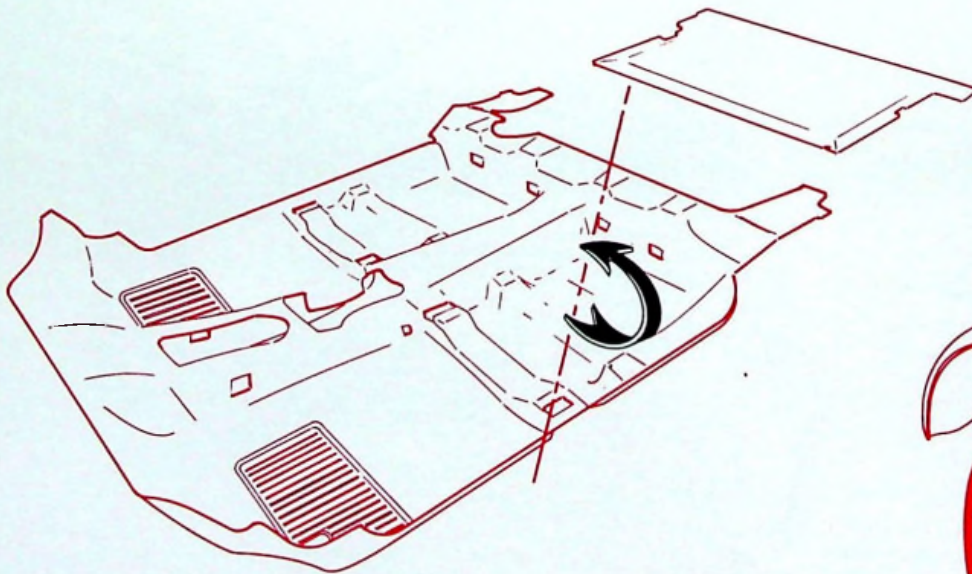
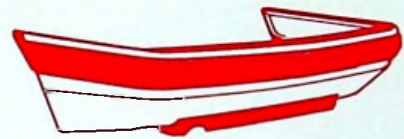
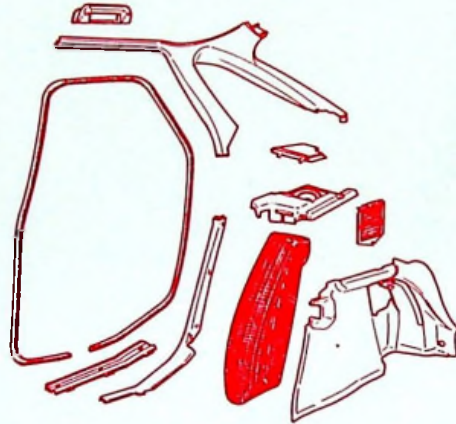
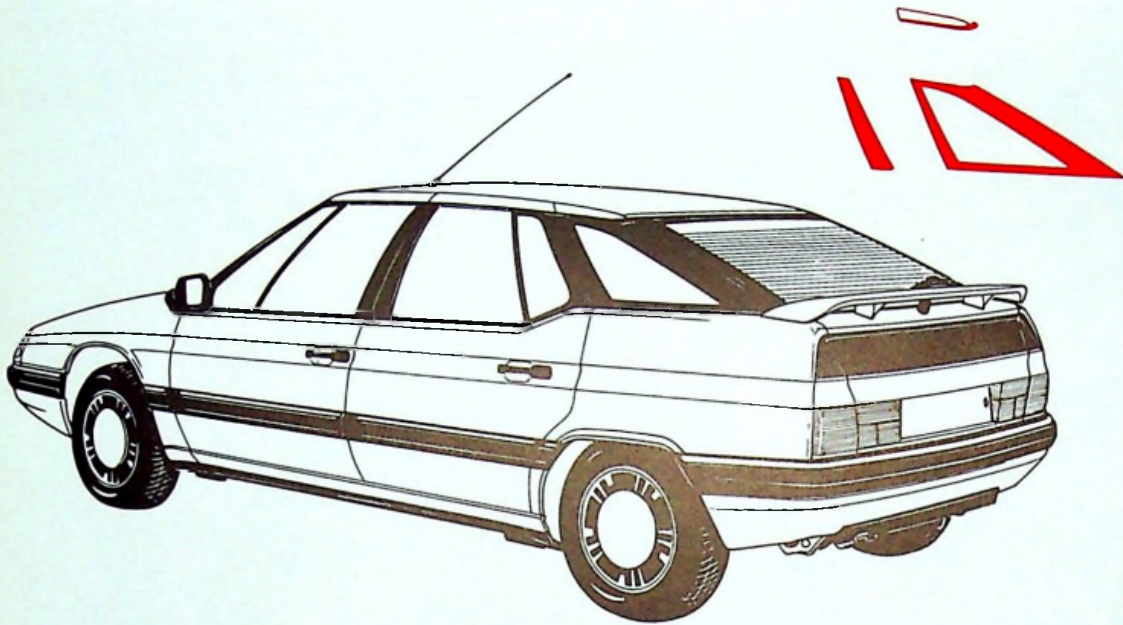
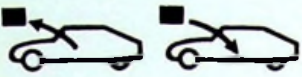
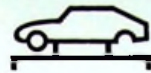
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Y. 80-2



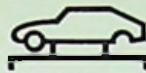
88-769



- Y. 80-8
- Y. 80-23
- Y. 80-24
- Y. 80-27

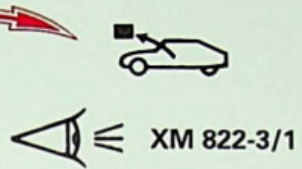
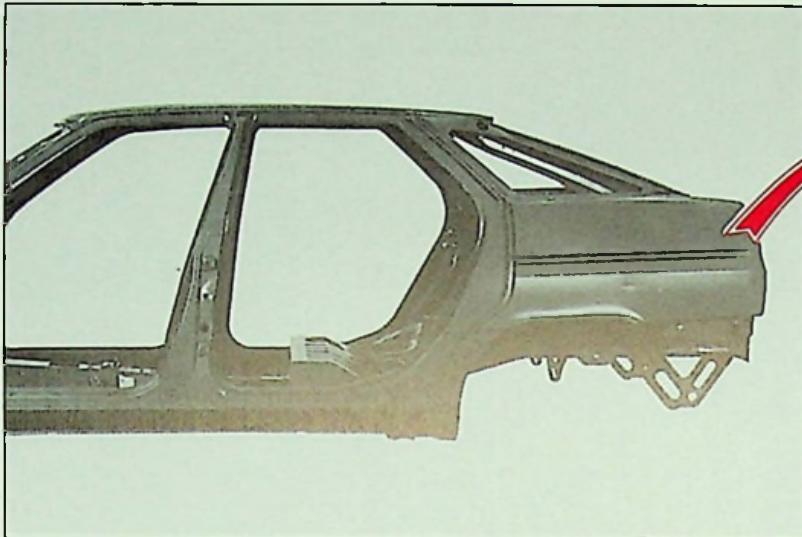


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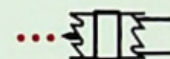
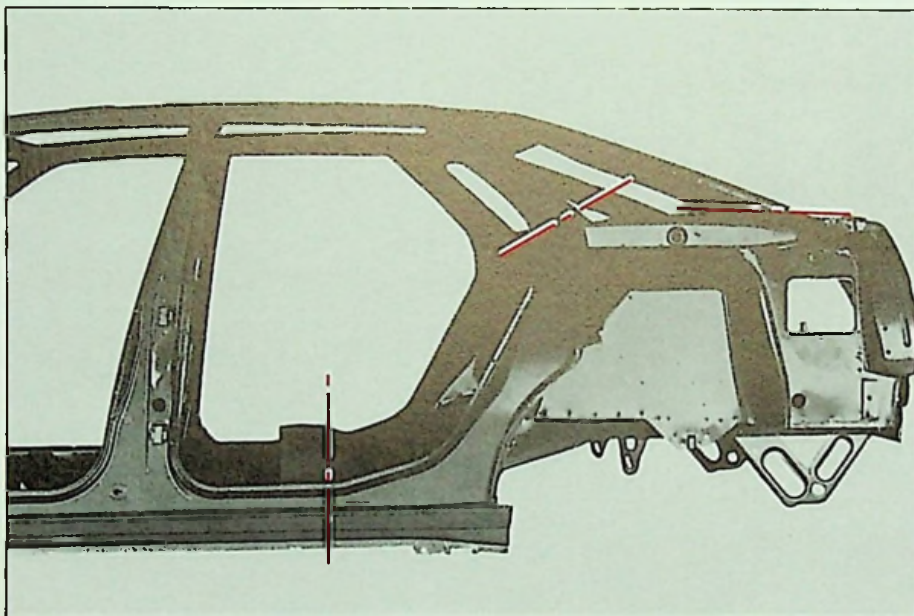


XM
822-3/3

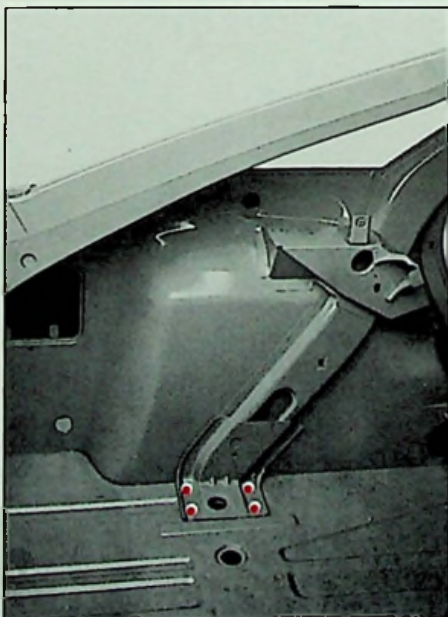
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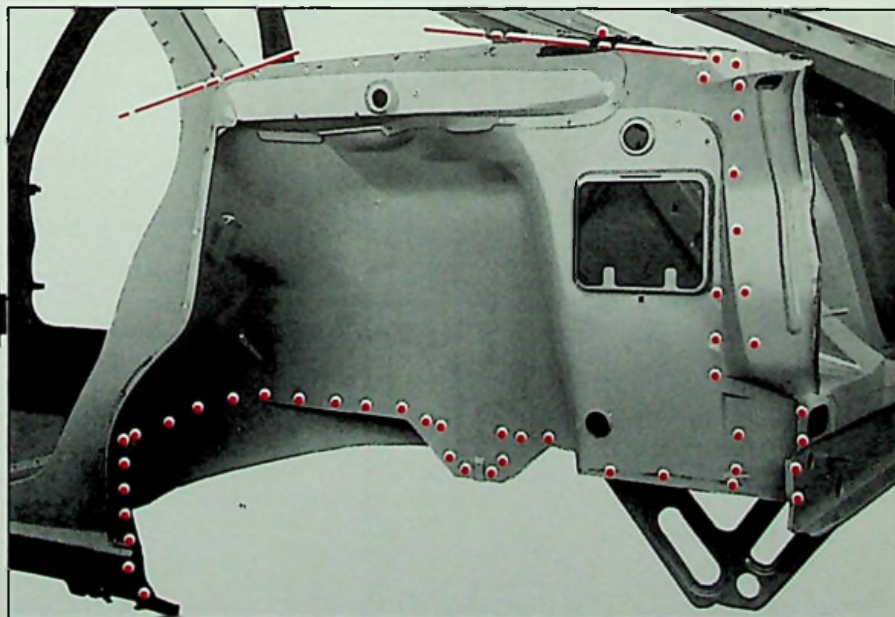
88-358



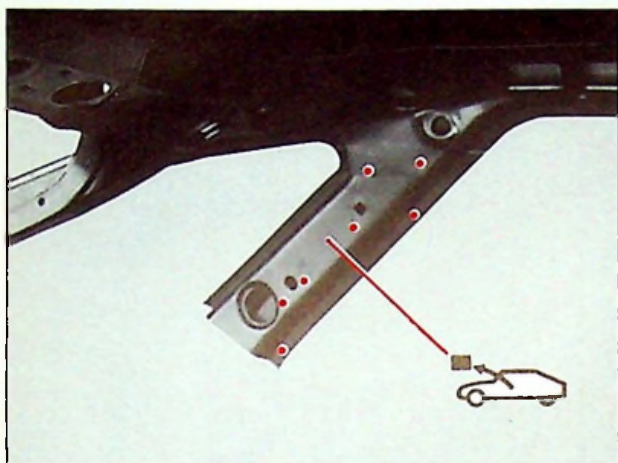
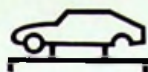
88-867



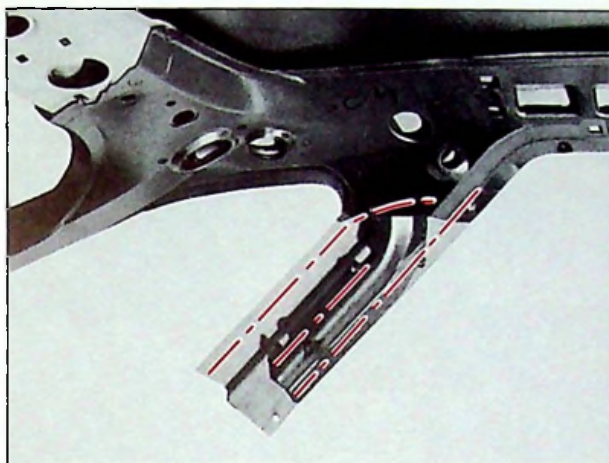
88-870



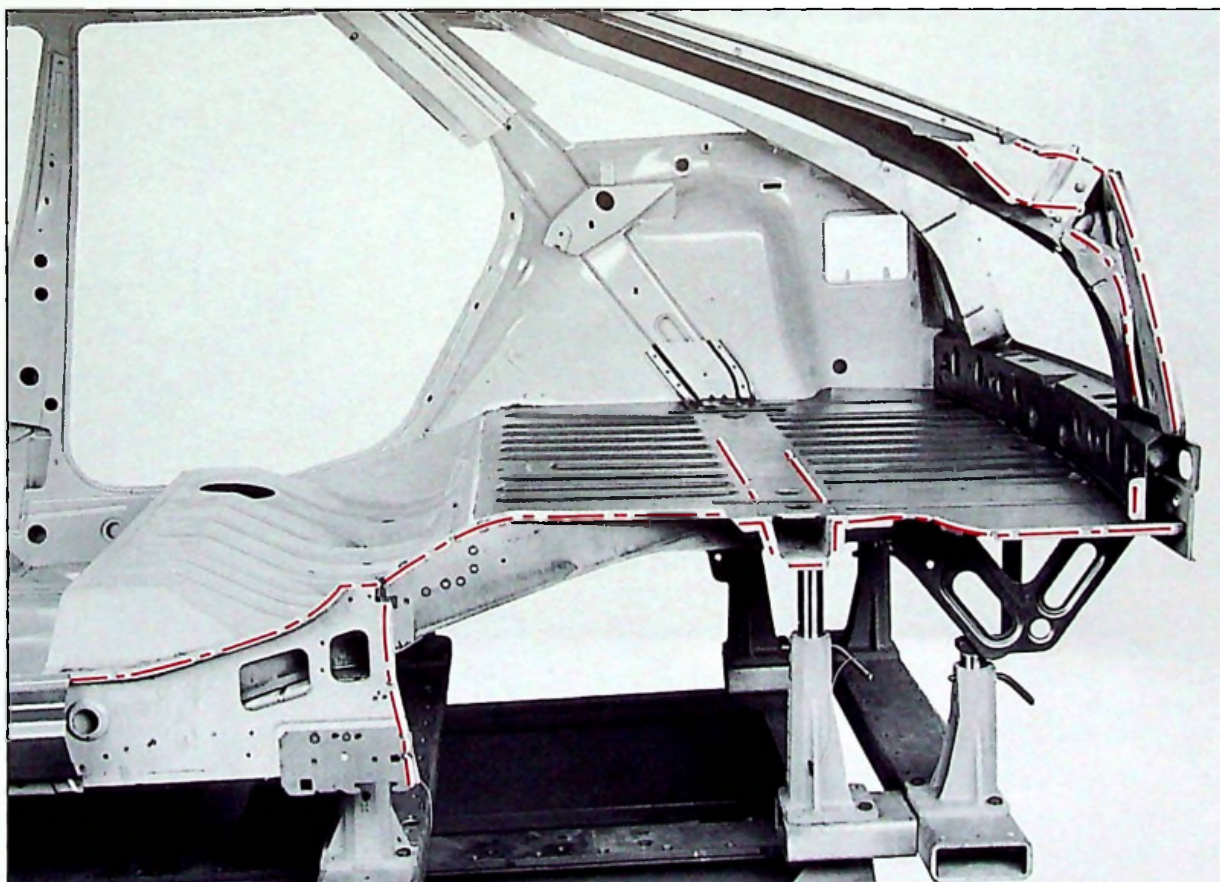
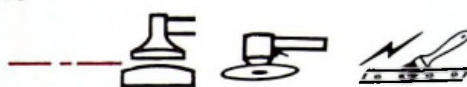
88-481



89-356



89-373

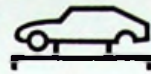


89-787



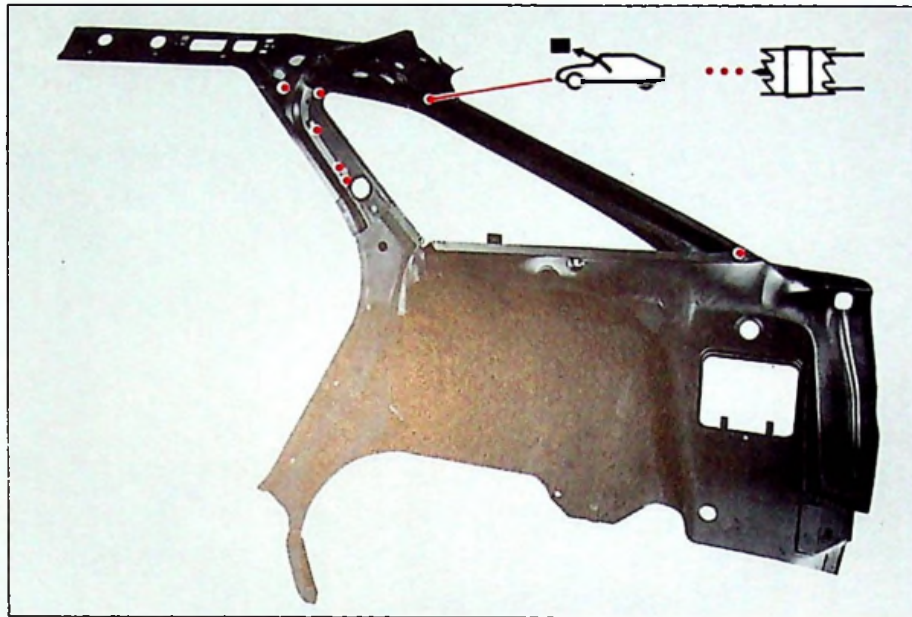


14



XM
822-3/3

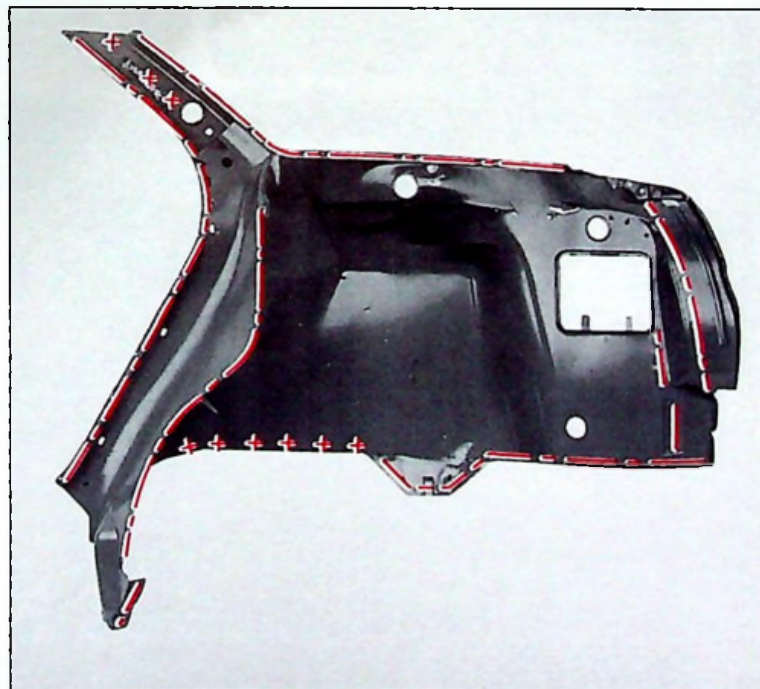
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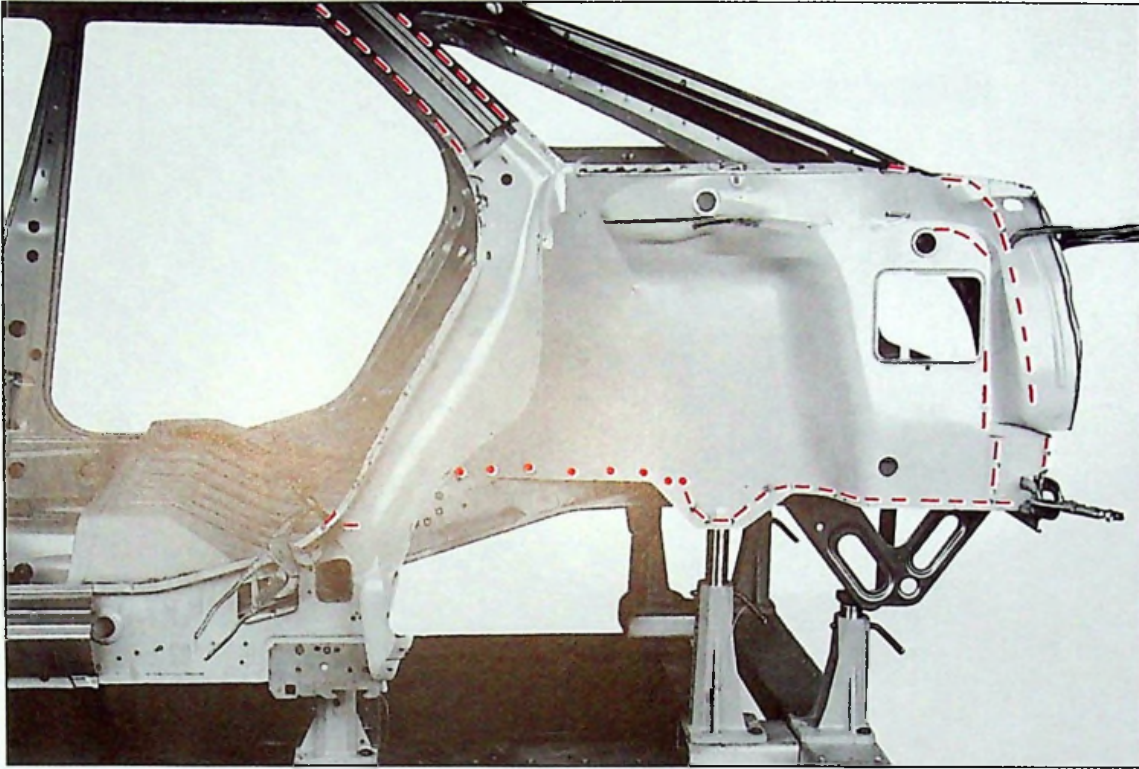
88-769



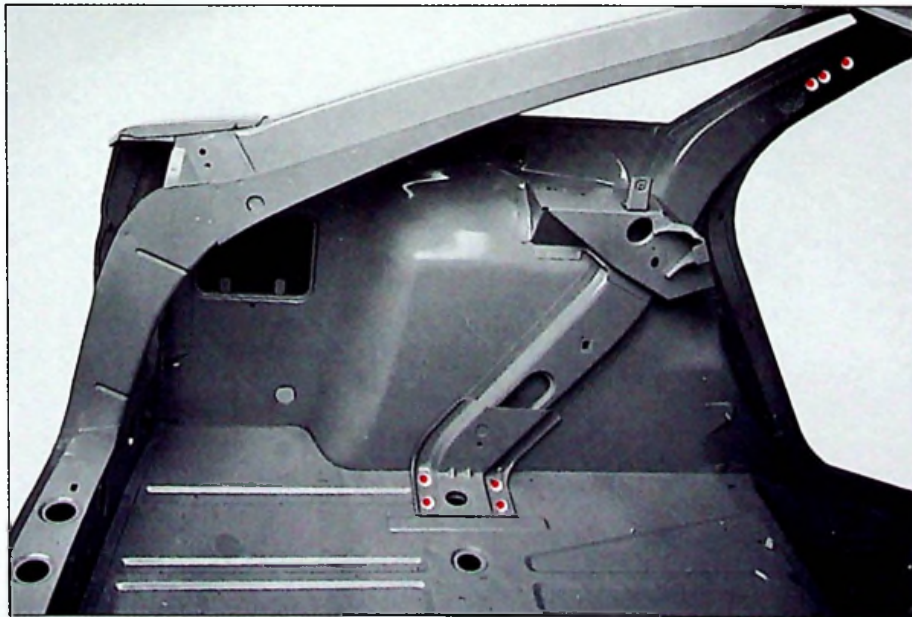
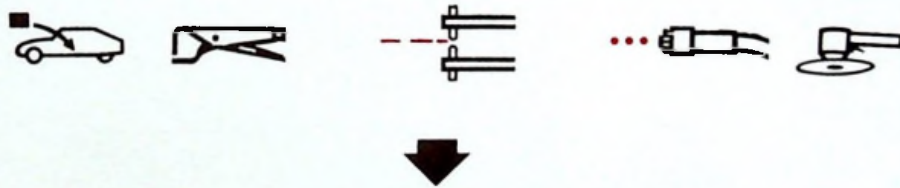
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89-790



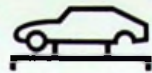
89-788



88-870

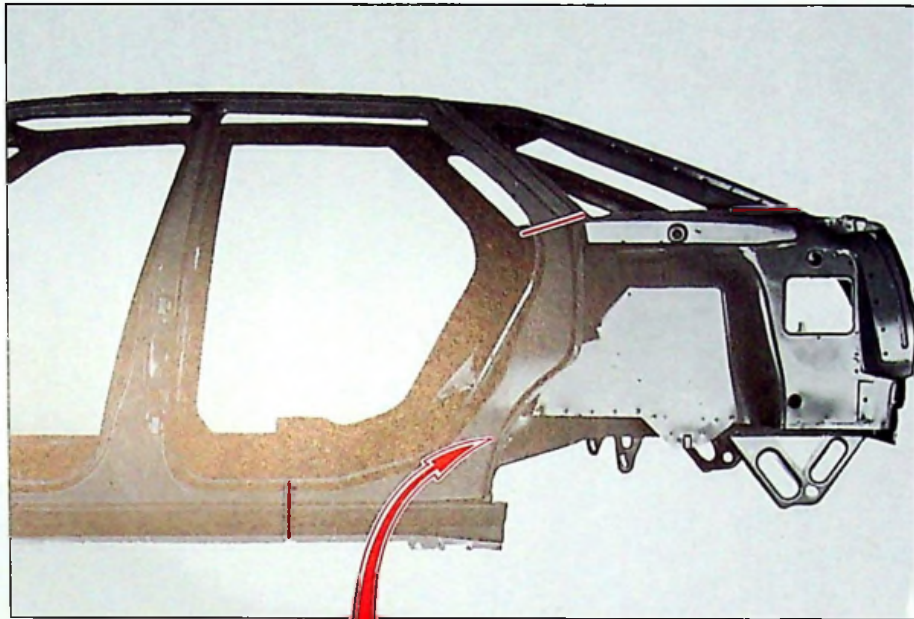


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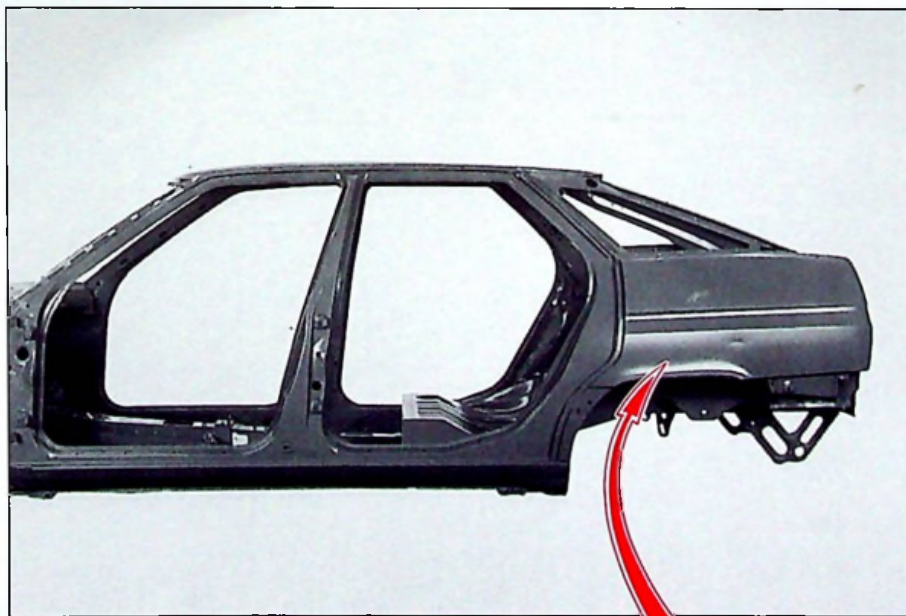
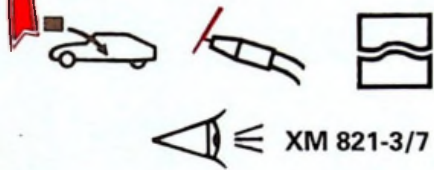


XM
822-3/3

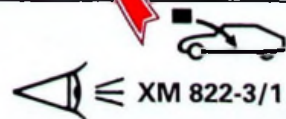
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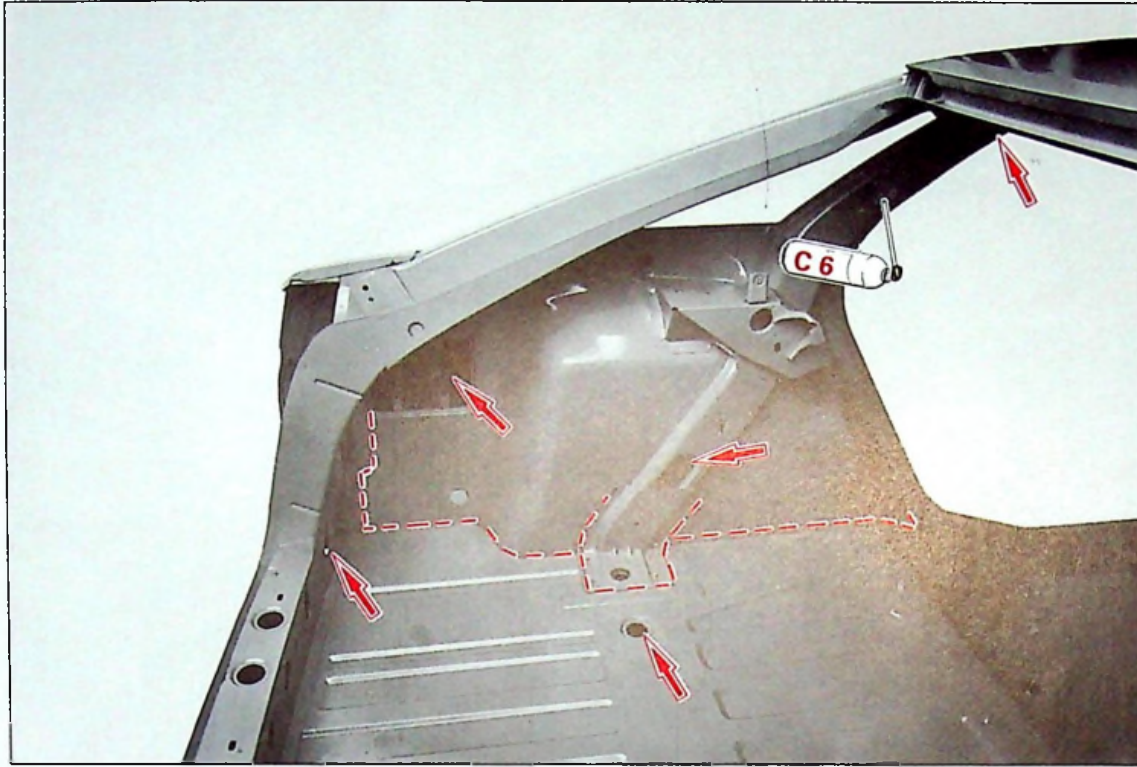
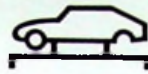


88-867

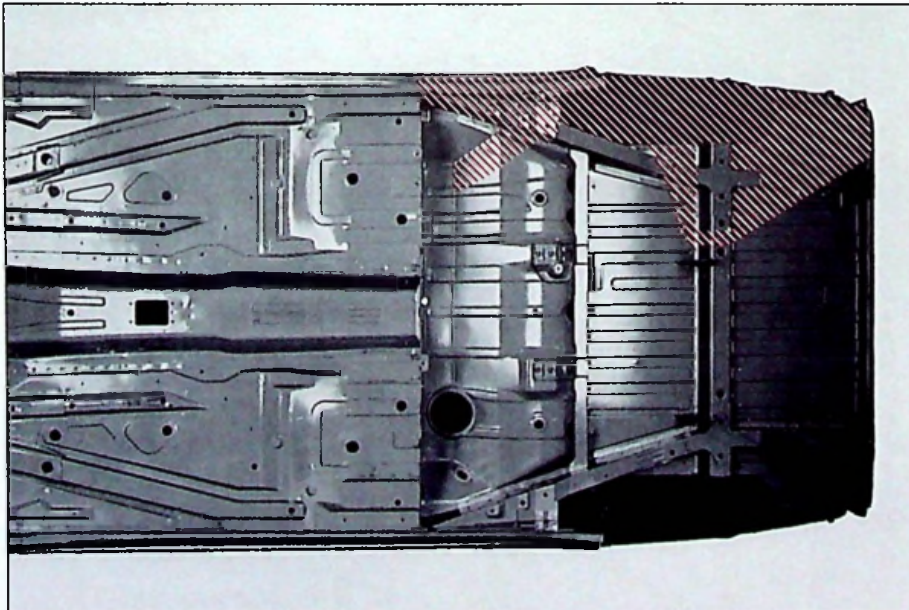
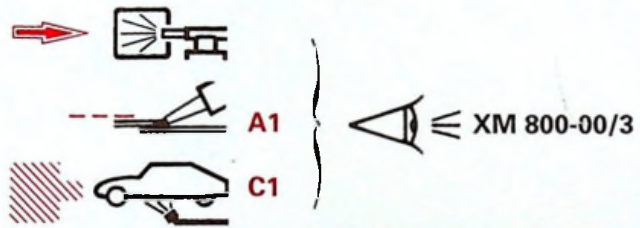


88-358





88-870



88-374

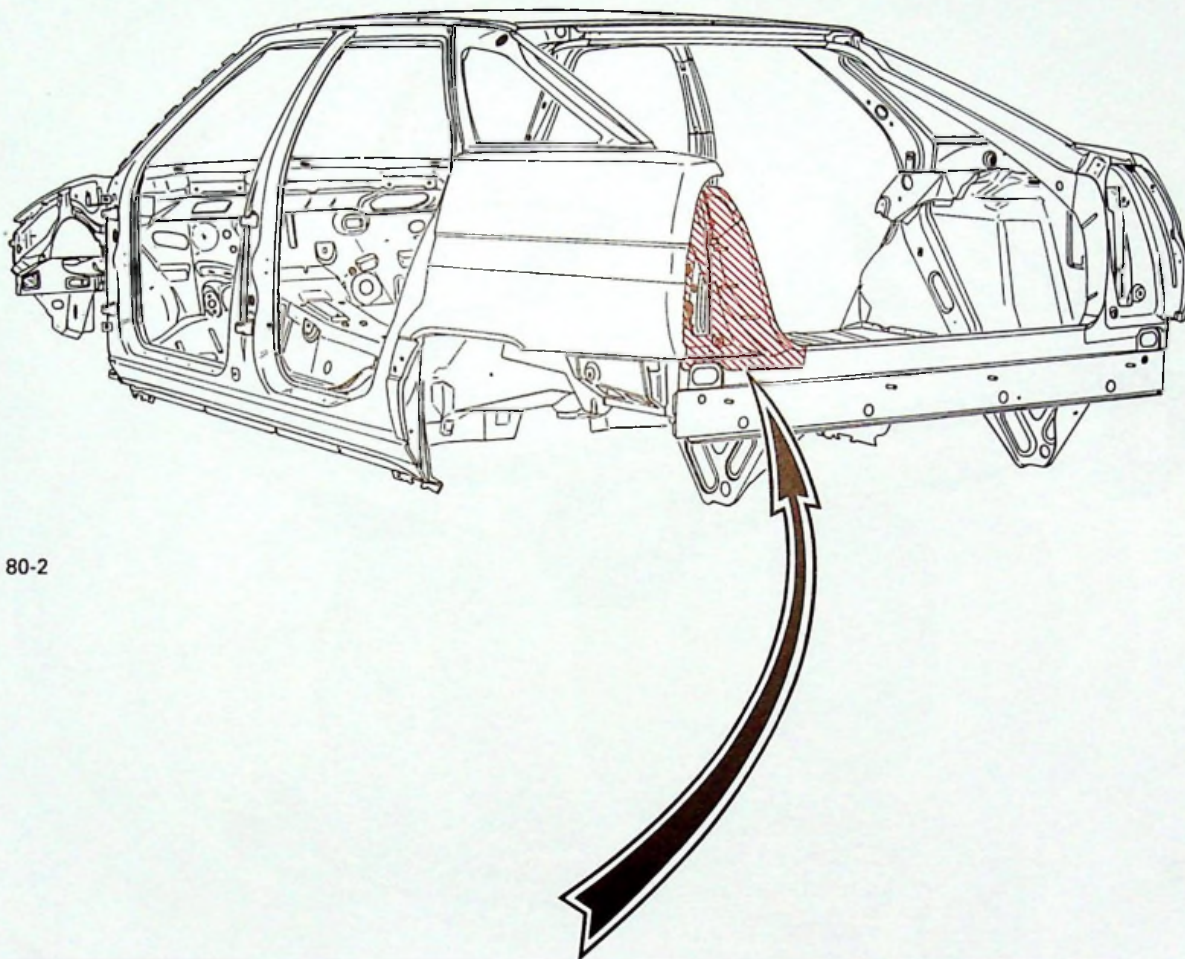


14



XM
823-3/1

1



Y. 80-2



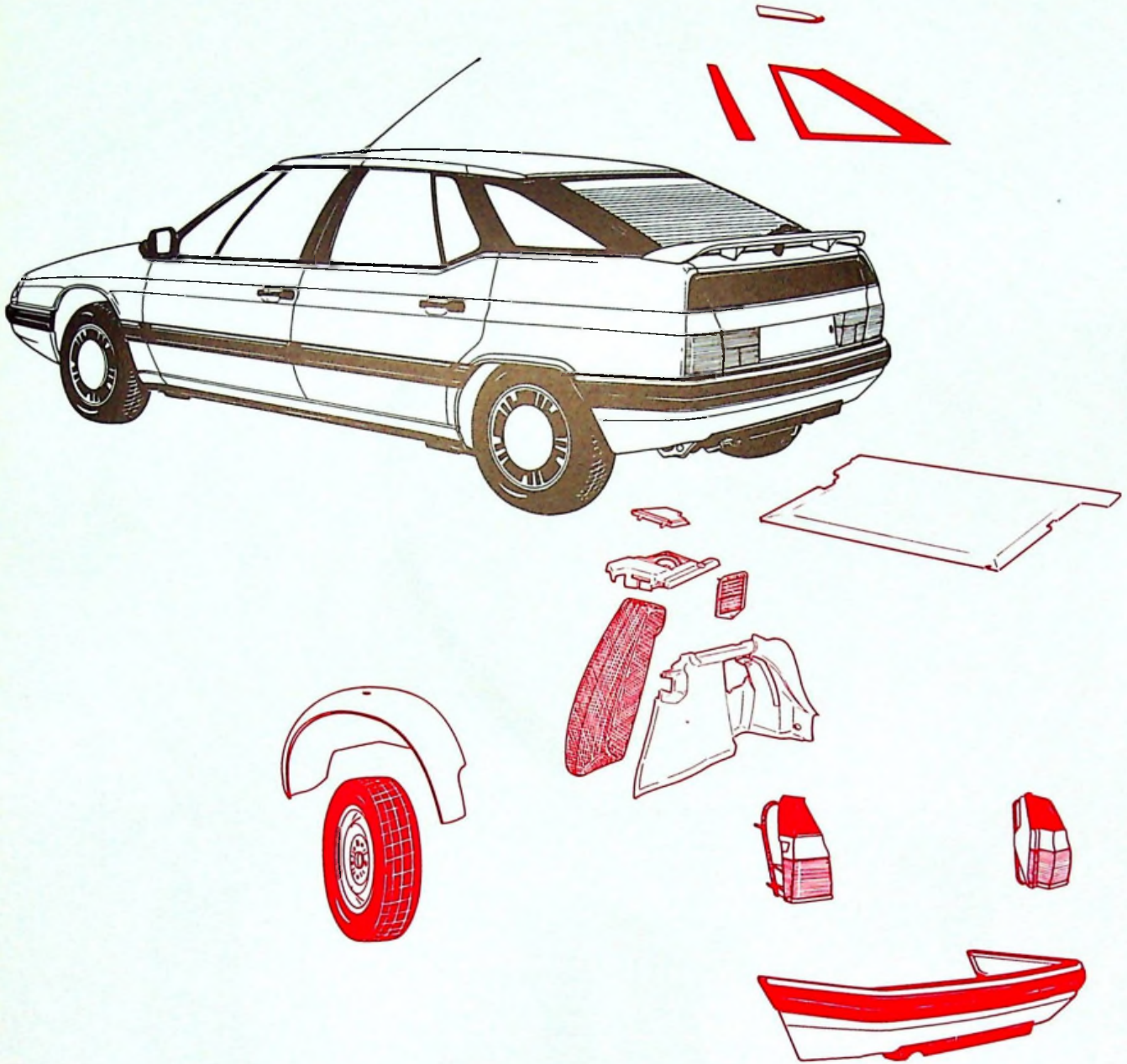
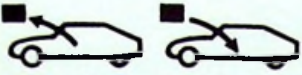
88-778



88-766



88-777



Y. 80-8
Y. 80-23
Y. 80-27

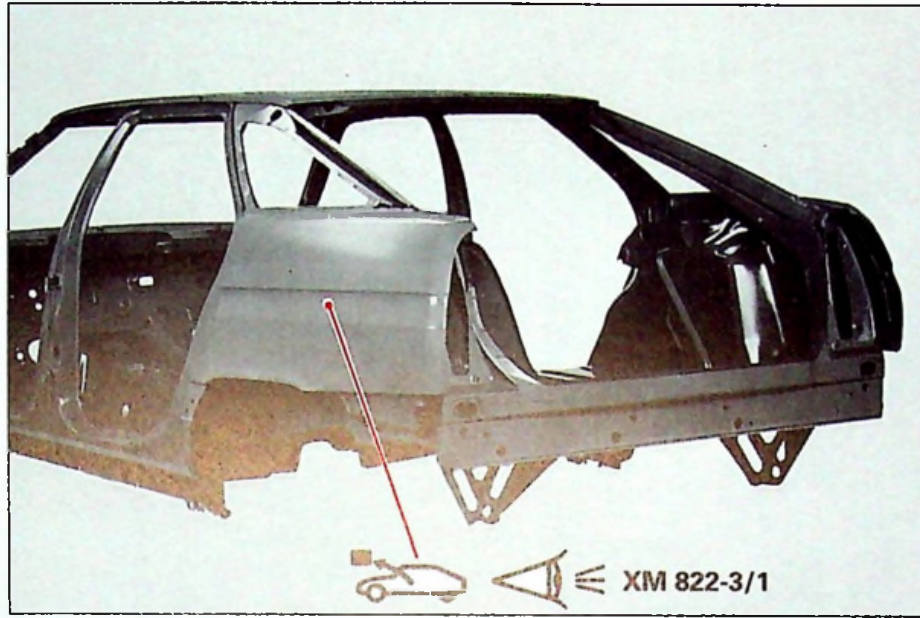


14



XM
823-3/1

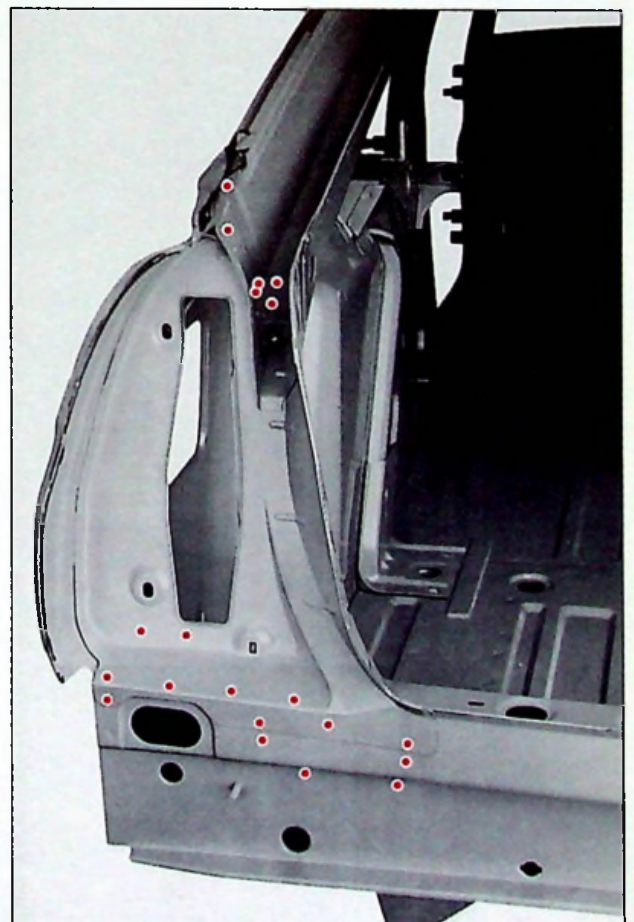
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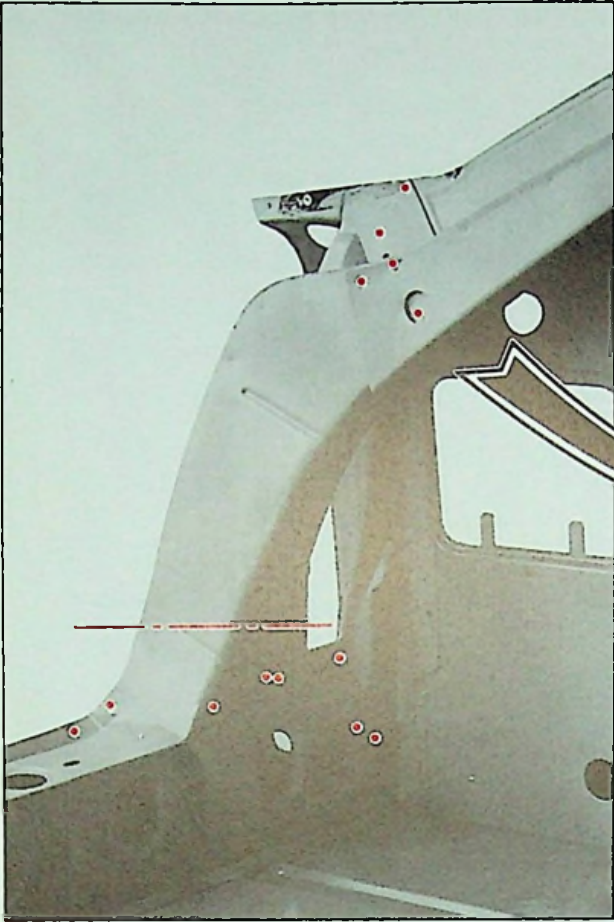
88-357



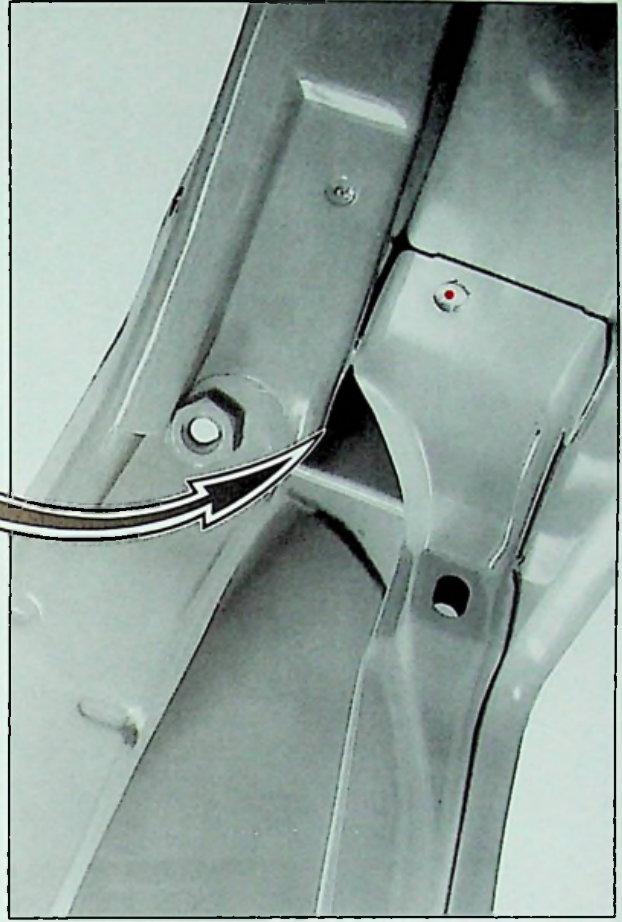
89-1070



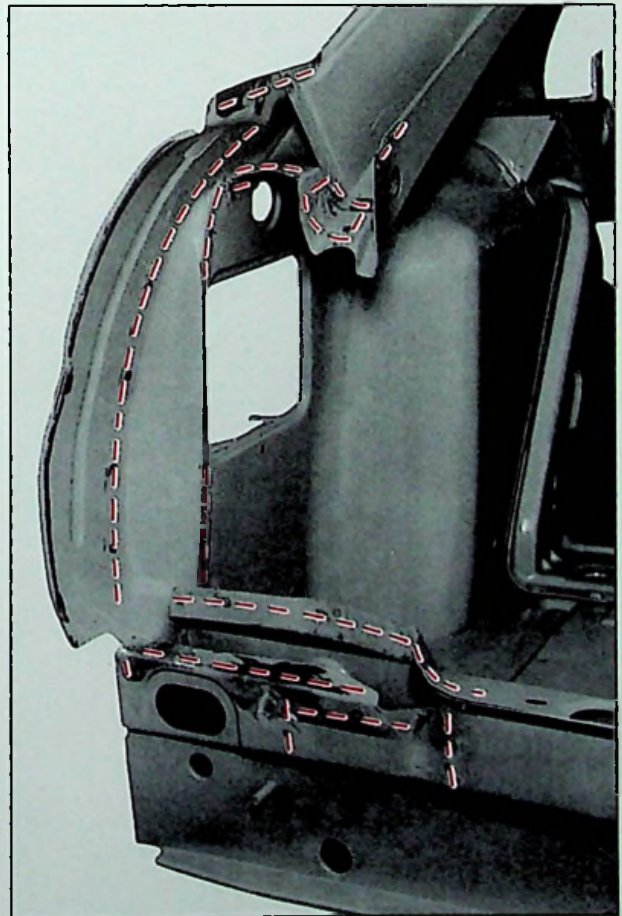
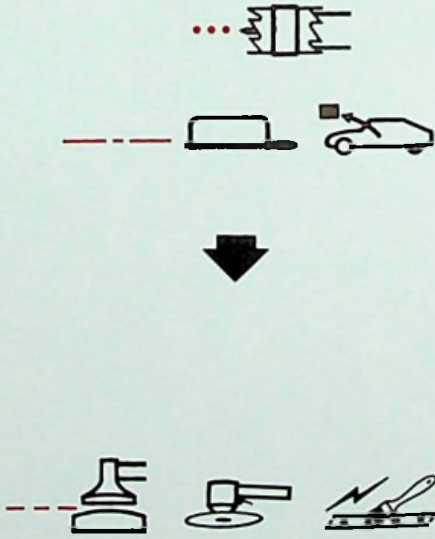
89-1066



89-1068



89-1069



89-1067

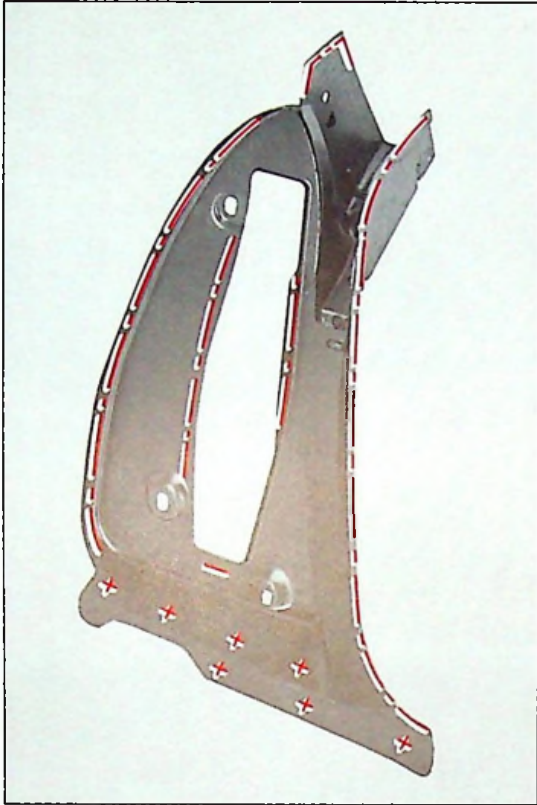


14

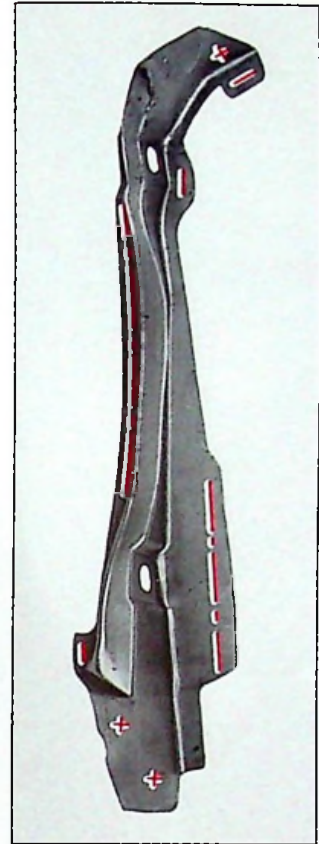


XM
823-3/1

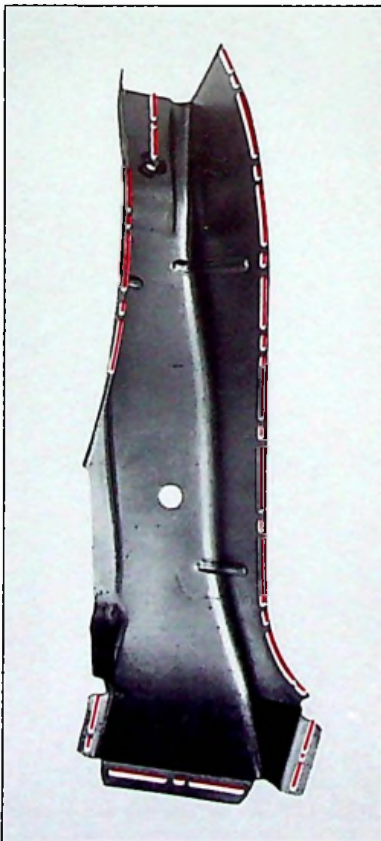
5



88-766

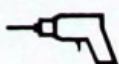


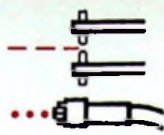
88-778



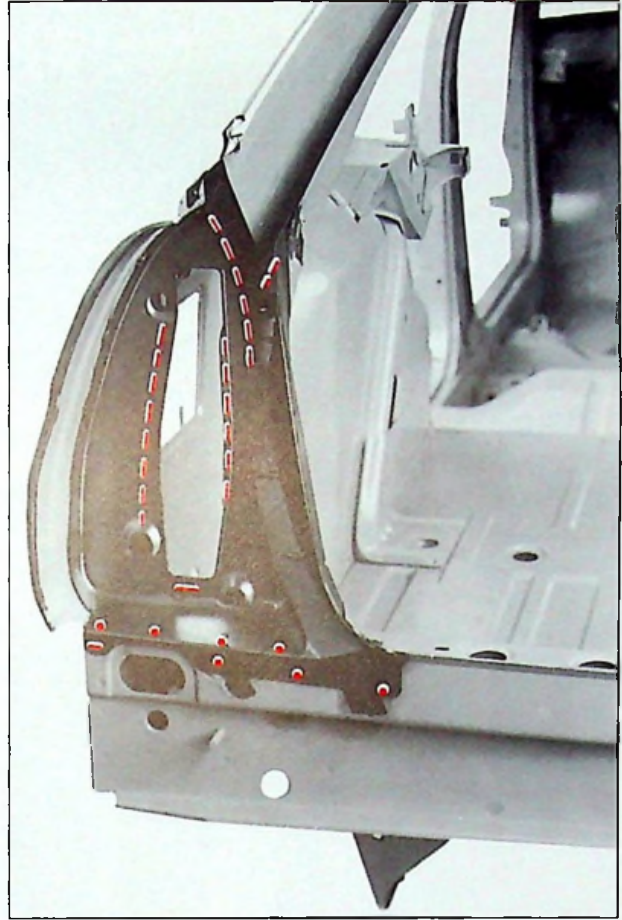
88-777



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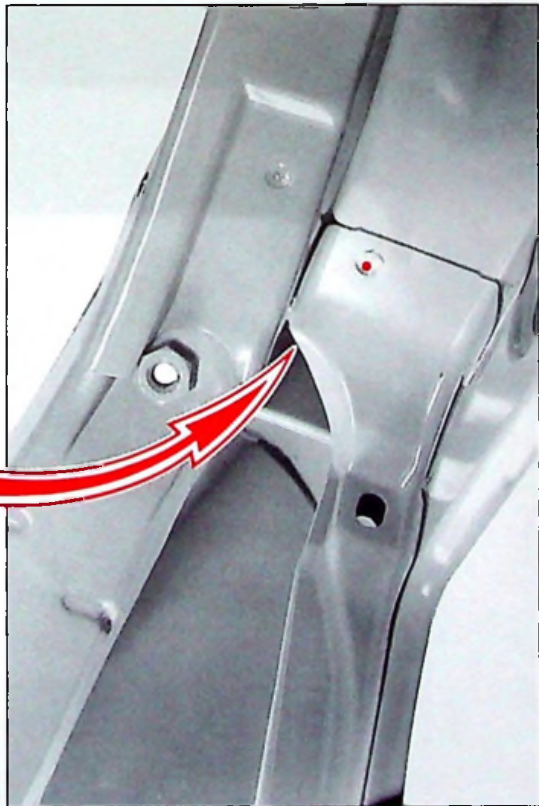
89-1087



89-1090



89-1091



89-1069

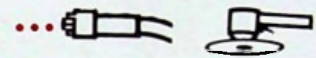


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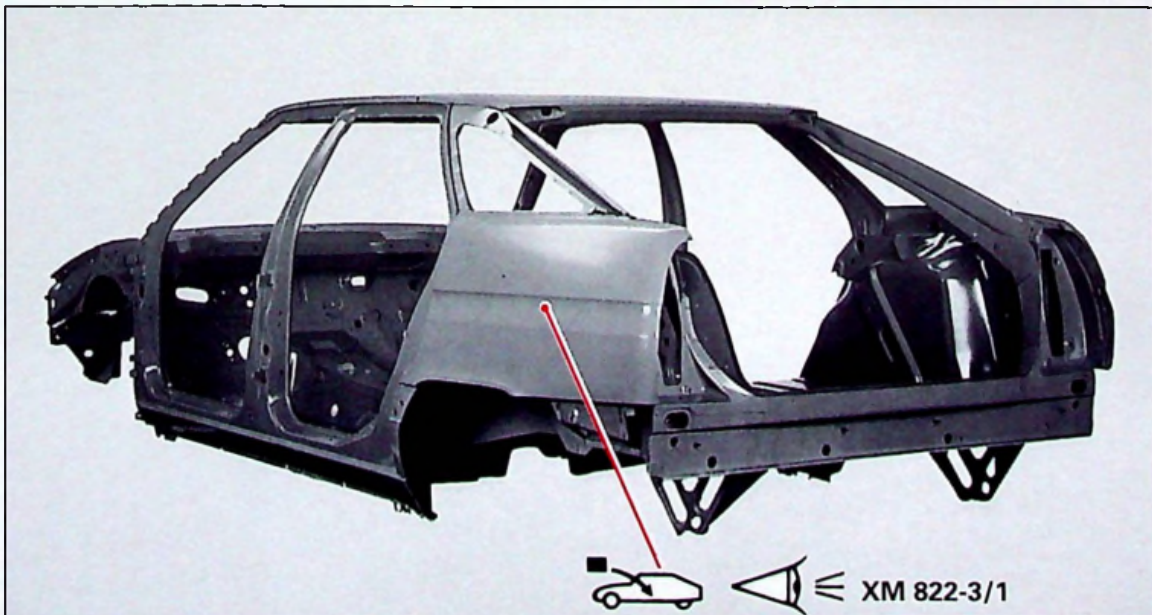


XM
823-3/1

7

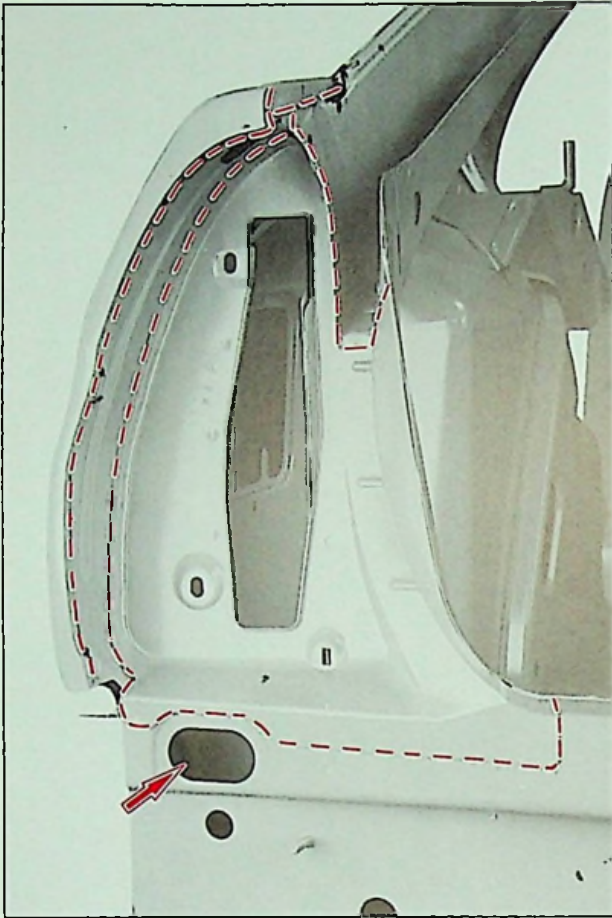


89-1070

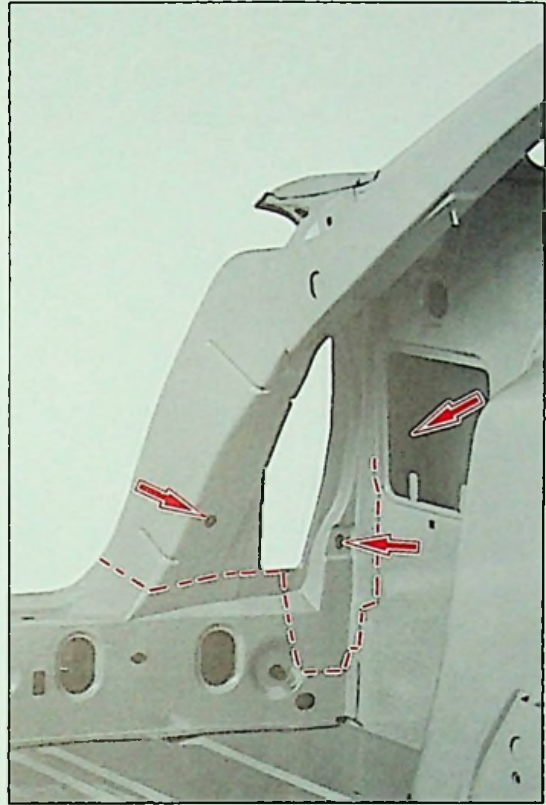


XM 822-3/1

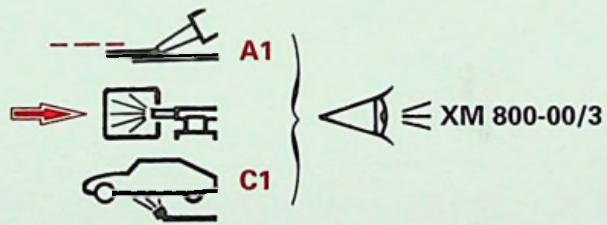
88-357



88-378



88-871



88-357

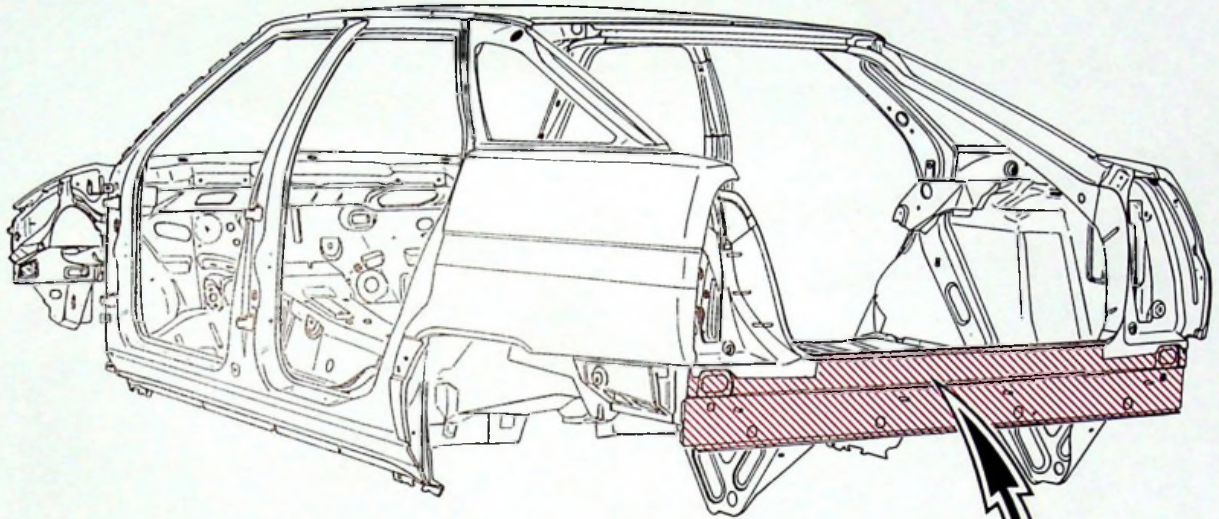


14

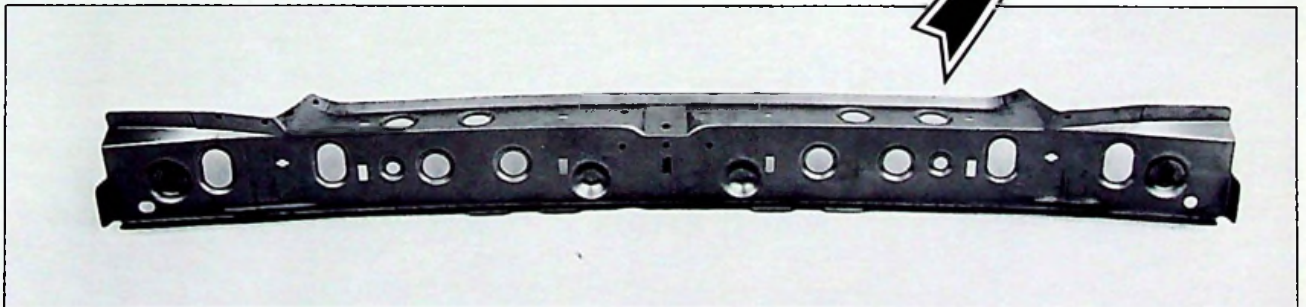


XM
823-3/2

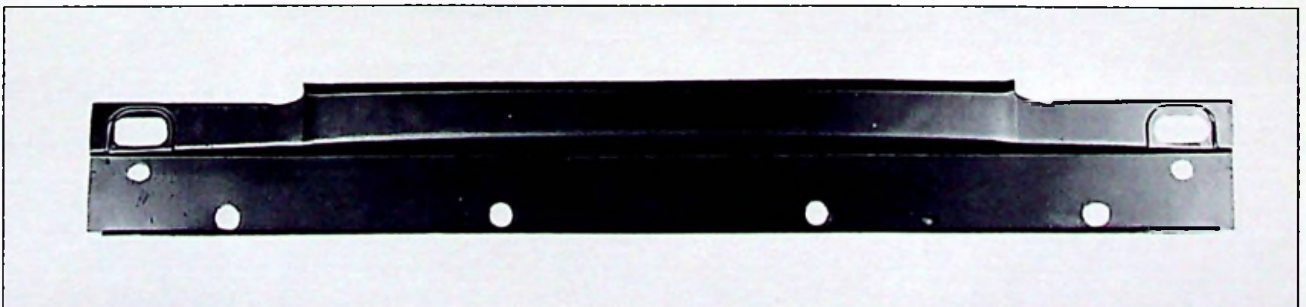
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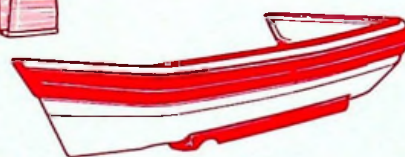
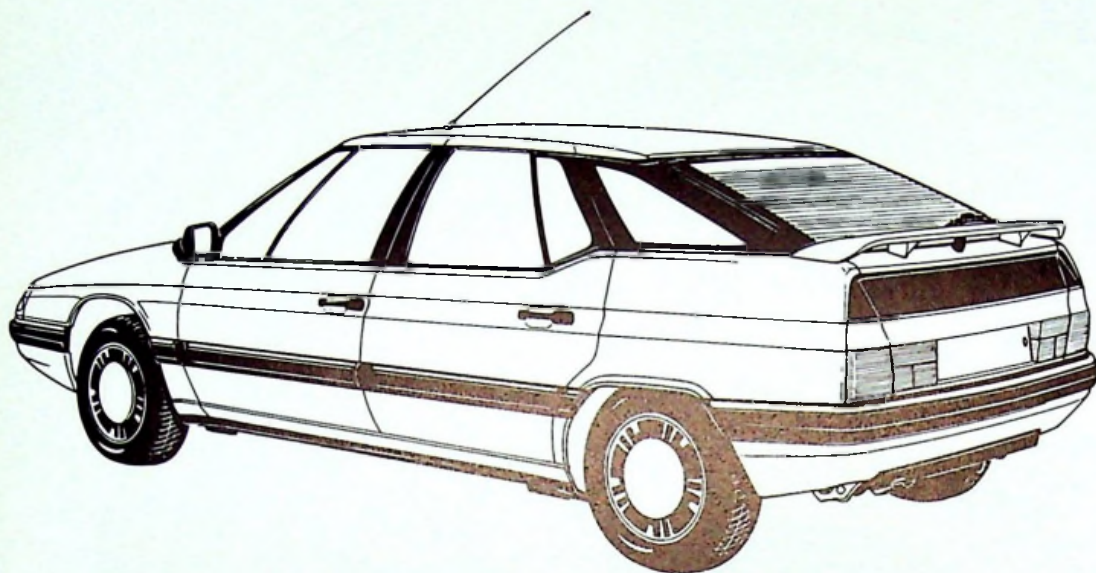
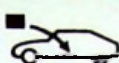
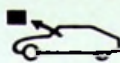
Y.80-2



89-262



88-803



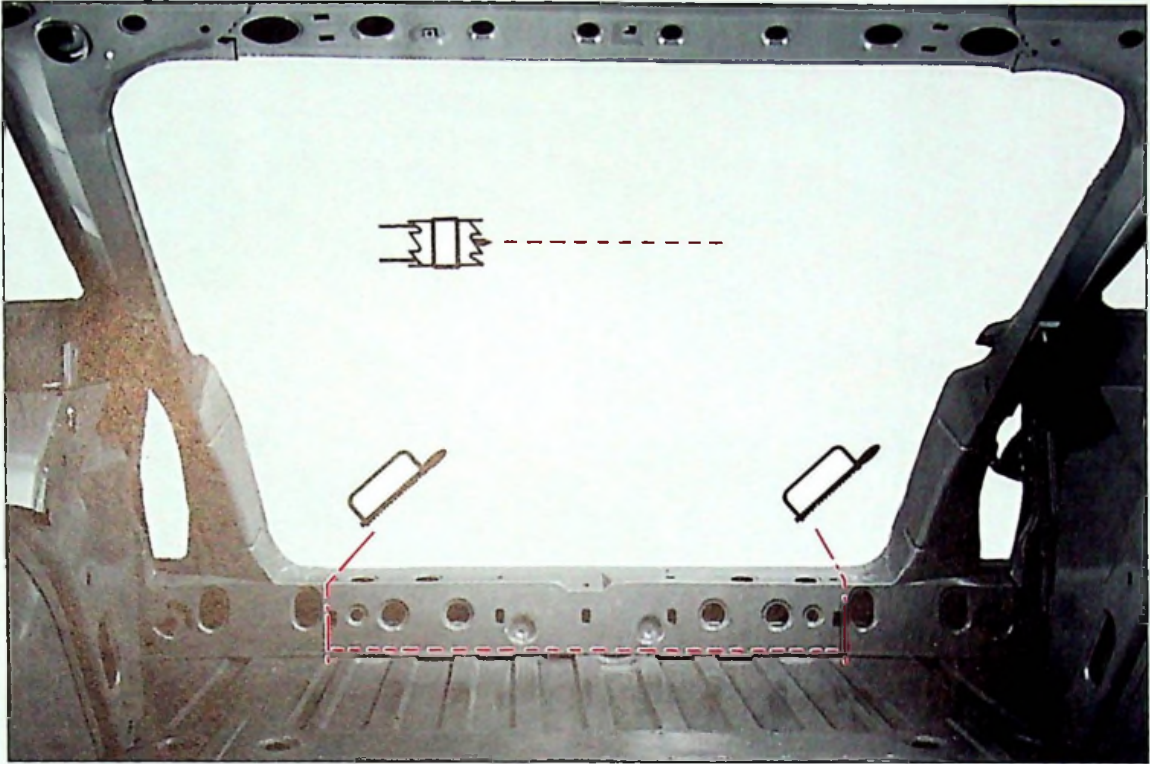


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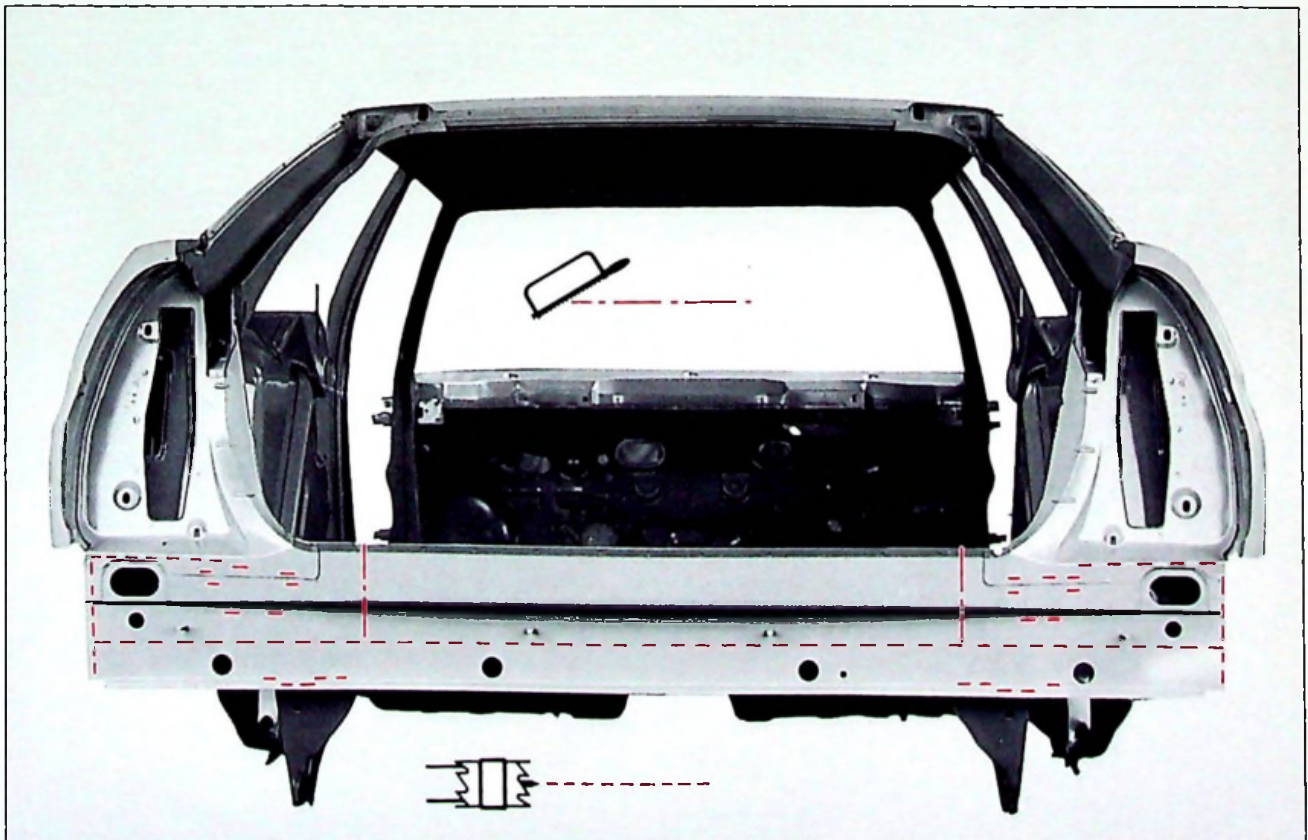


XM
823-3/2

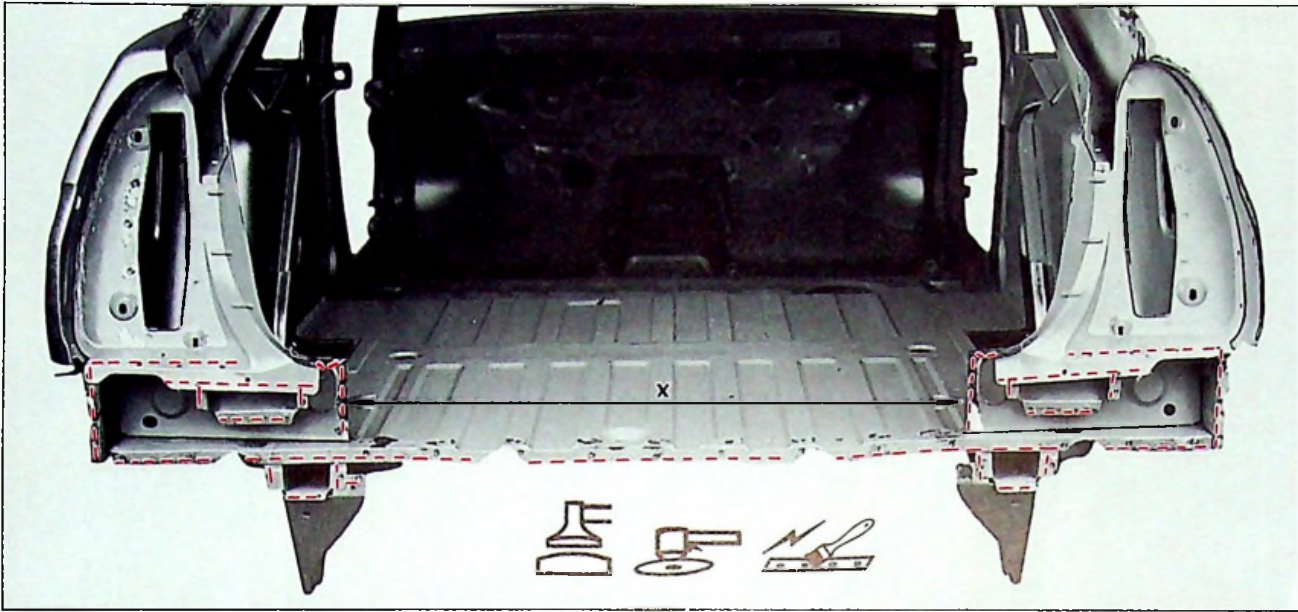
3



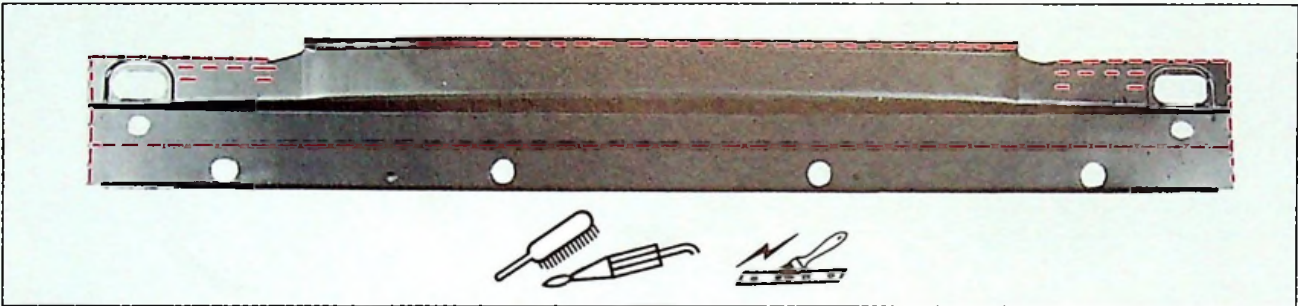
88-375



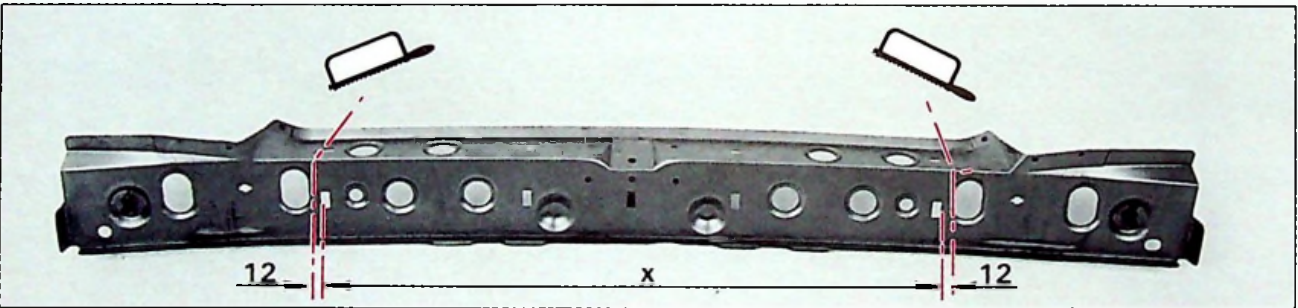
88-382



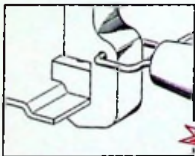
89-264



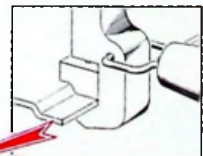
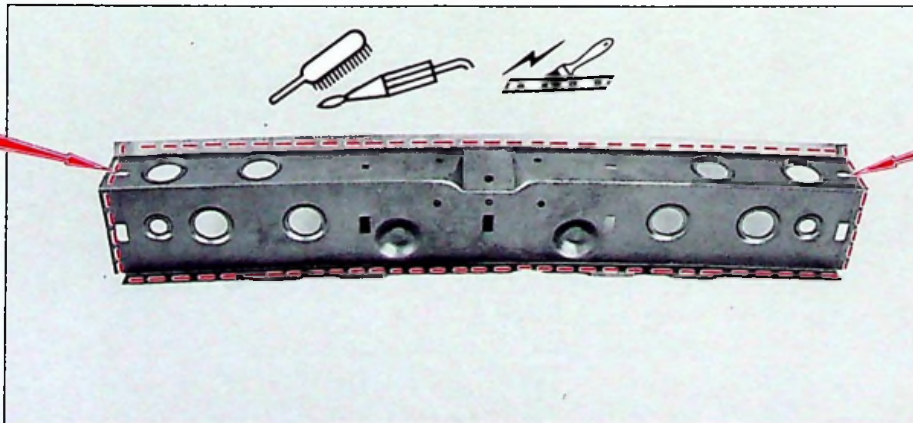
88-803



89-262



TT 80-17



TT 80-17

89-266



14

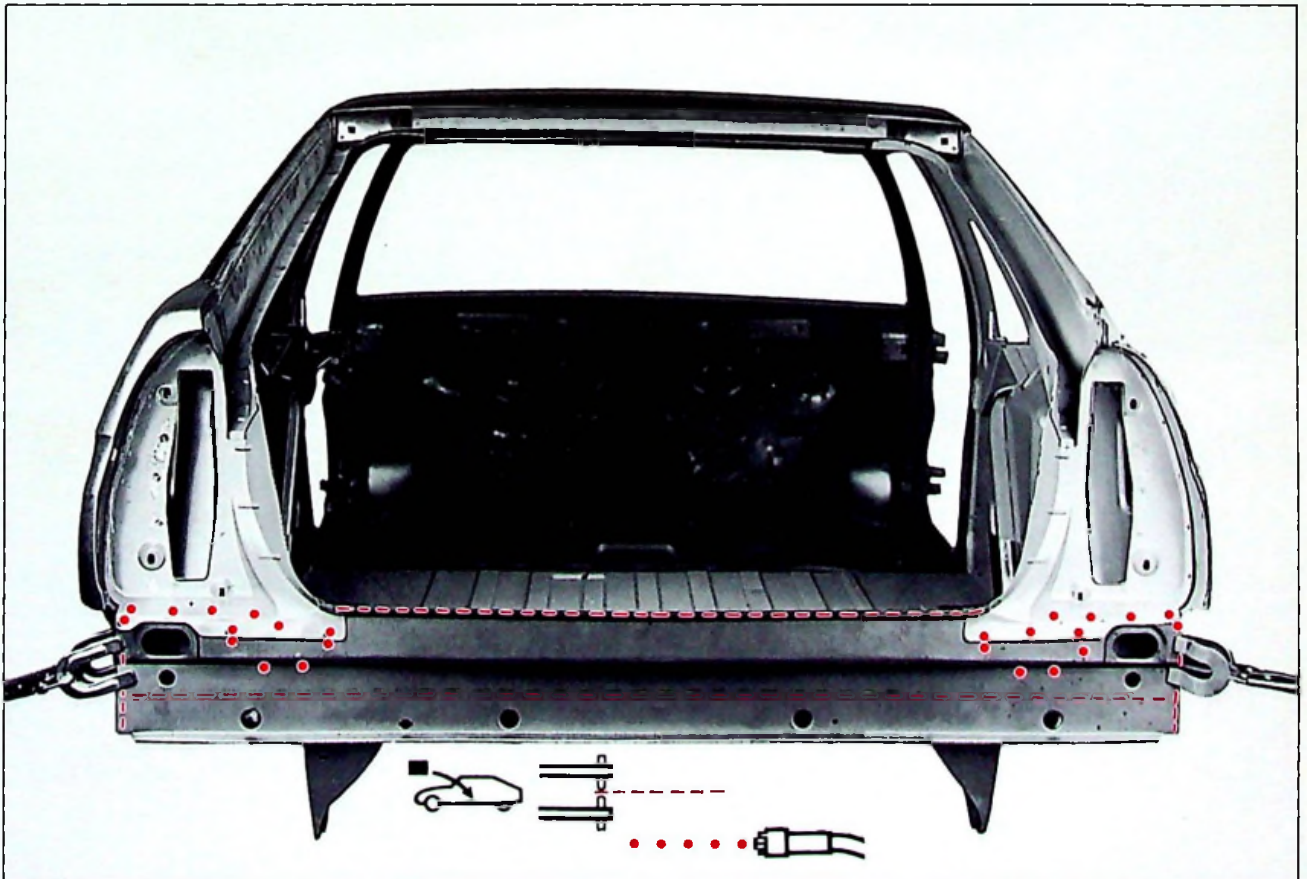


XM
823-3/2

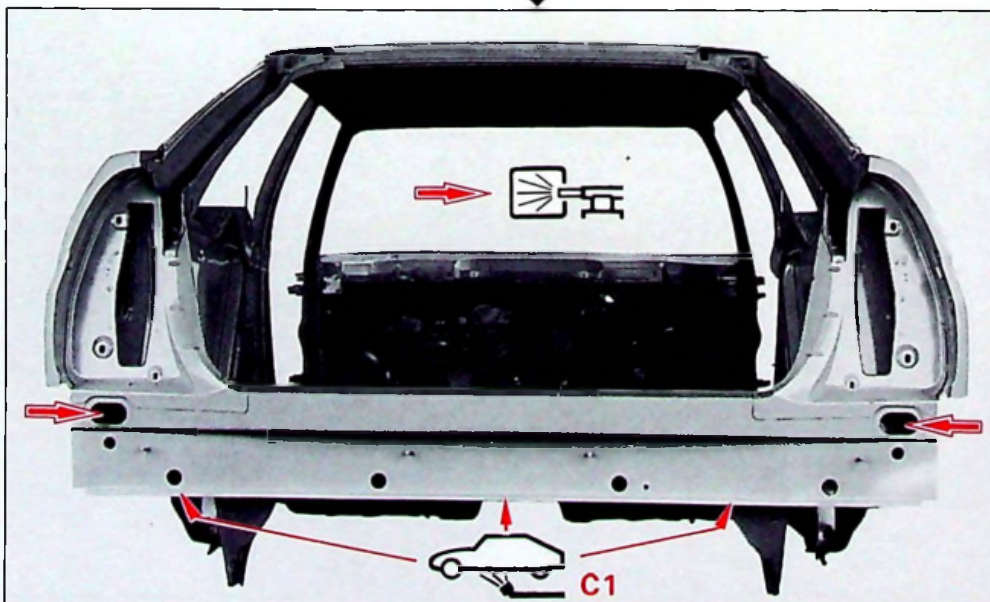
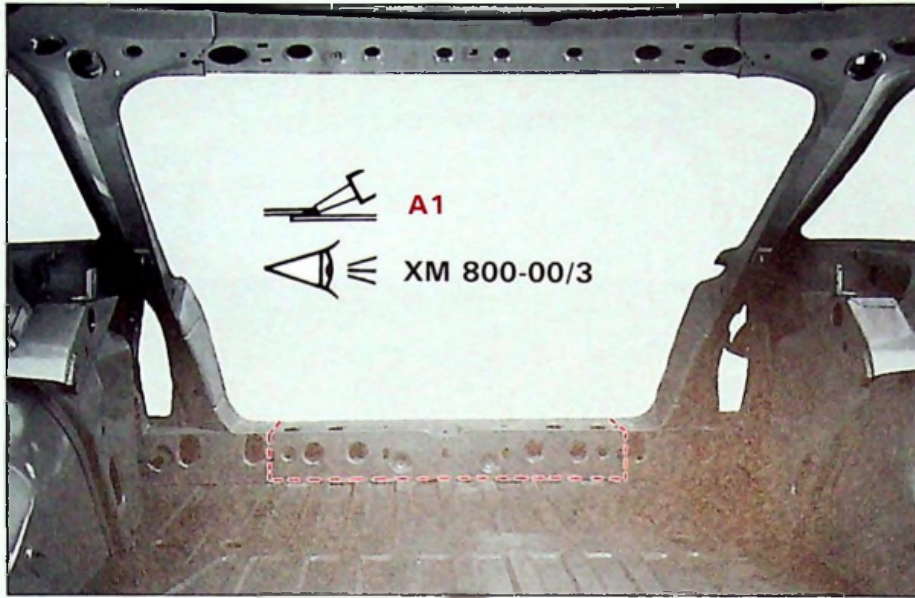
5



89-259



89-260



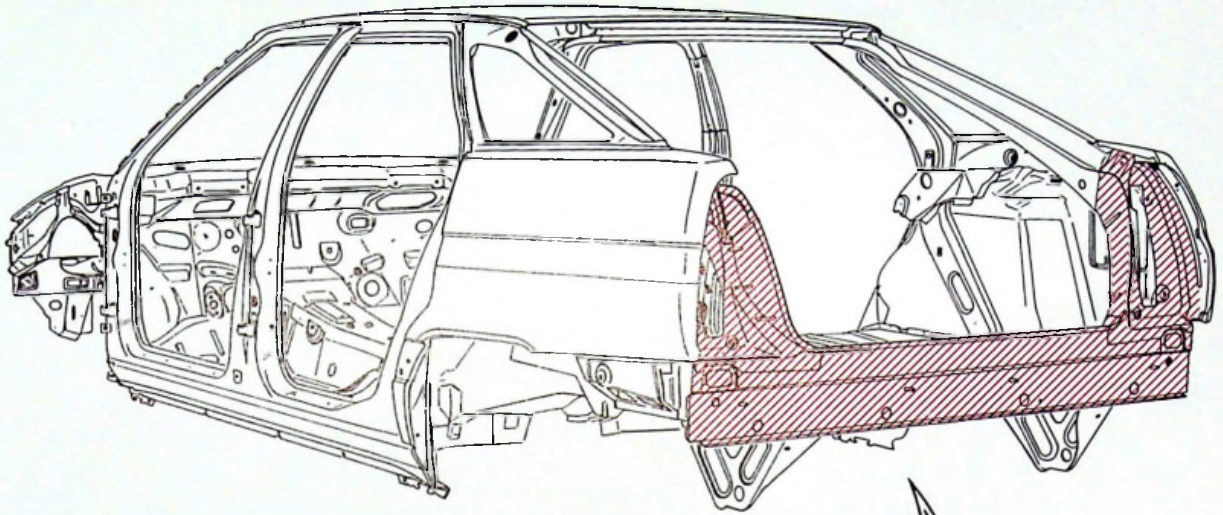


14

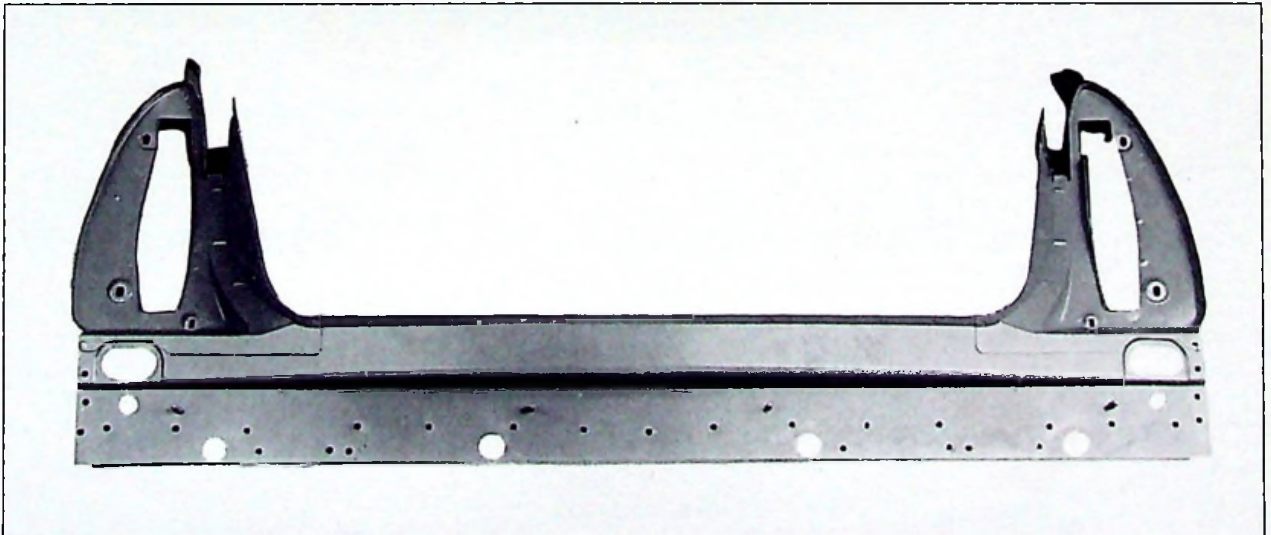


XM
823-3/3

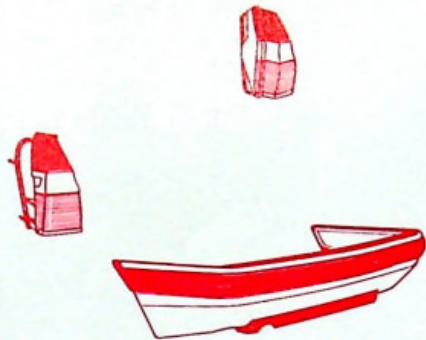
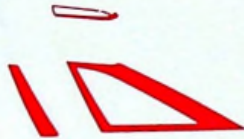
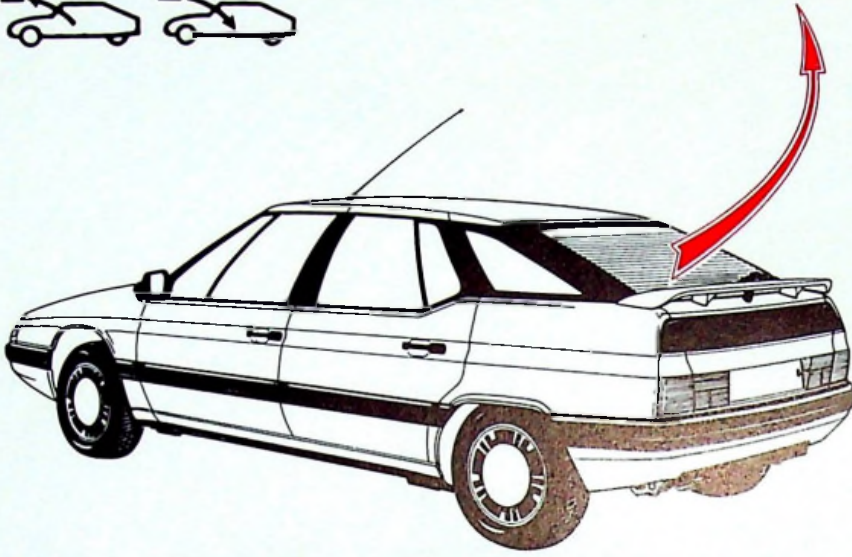
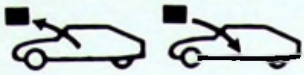
1



Y.80-2



88-540



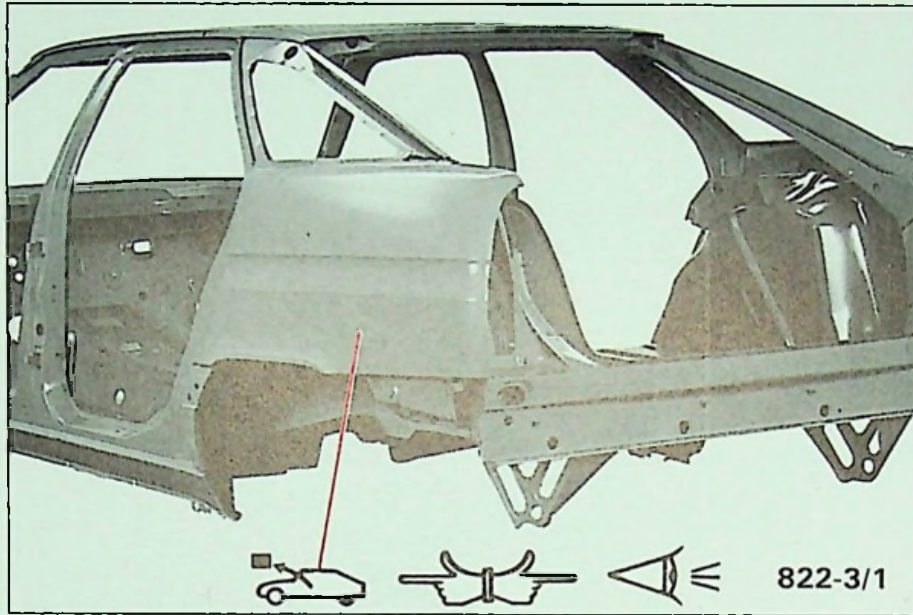


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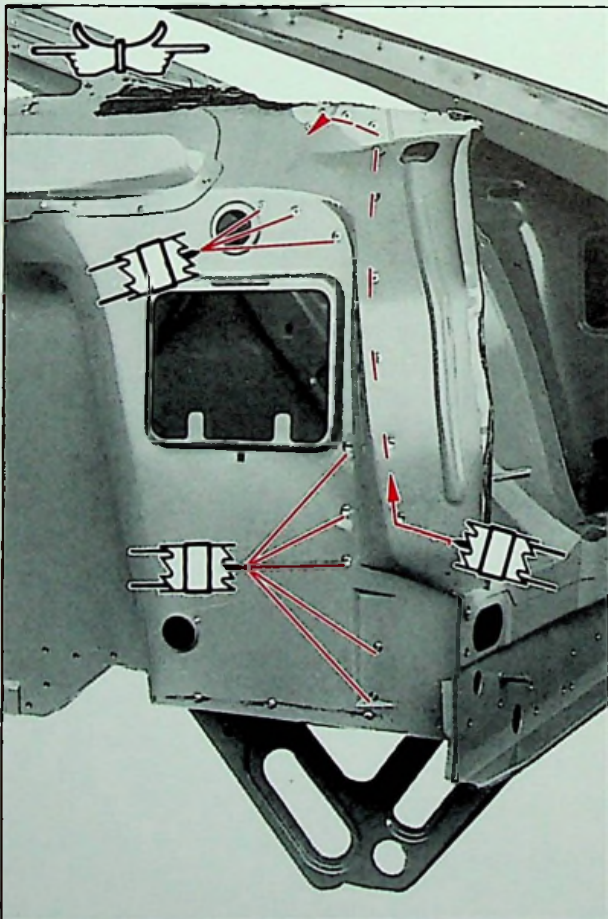


XM
823-3/3

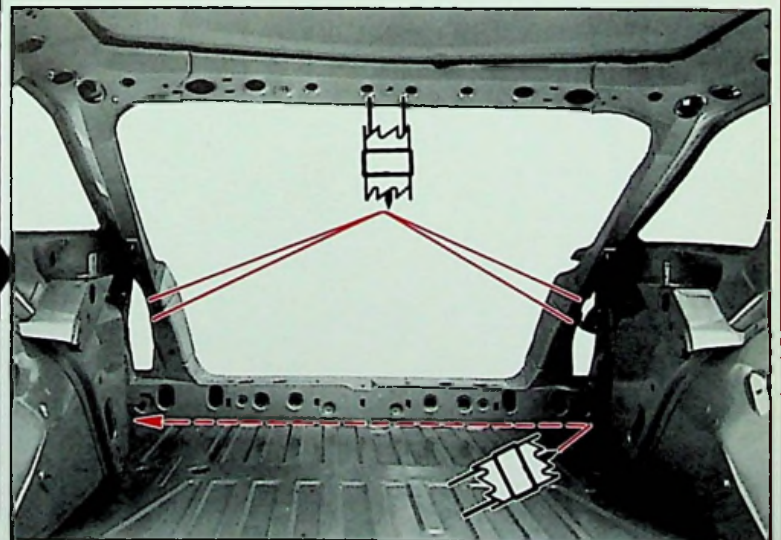
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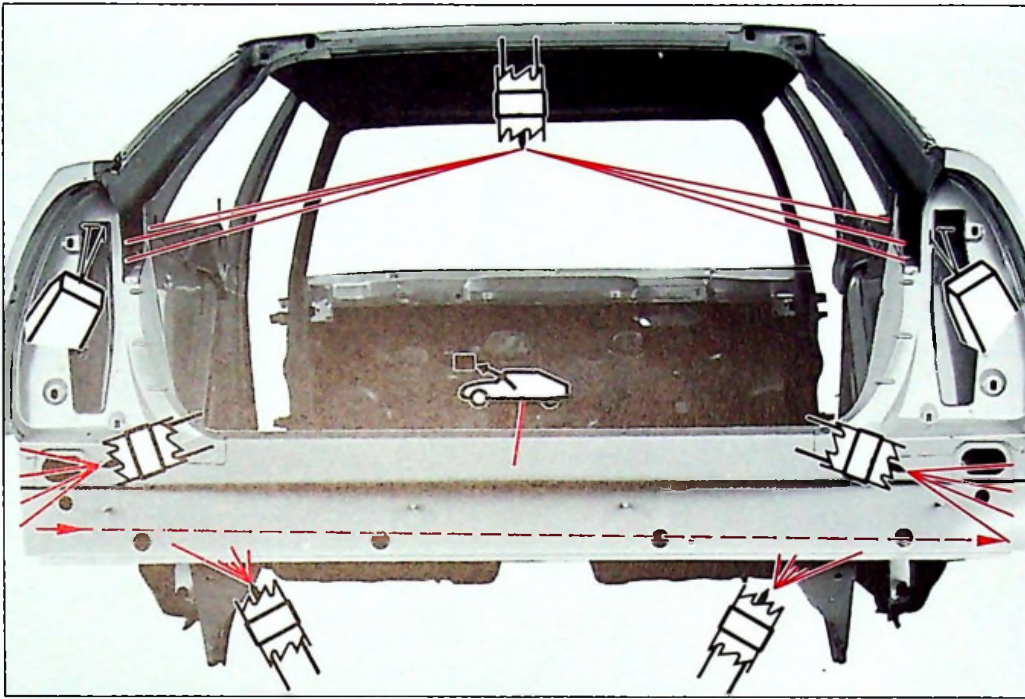
88-357



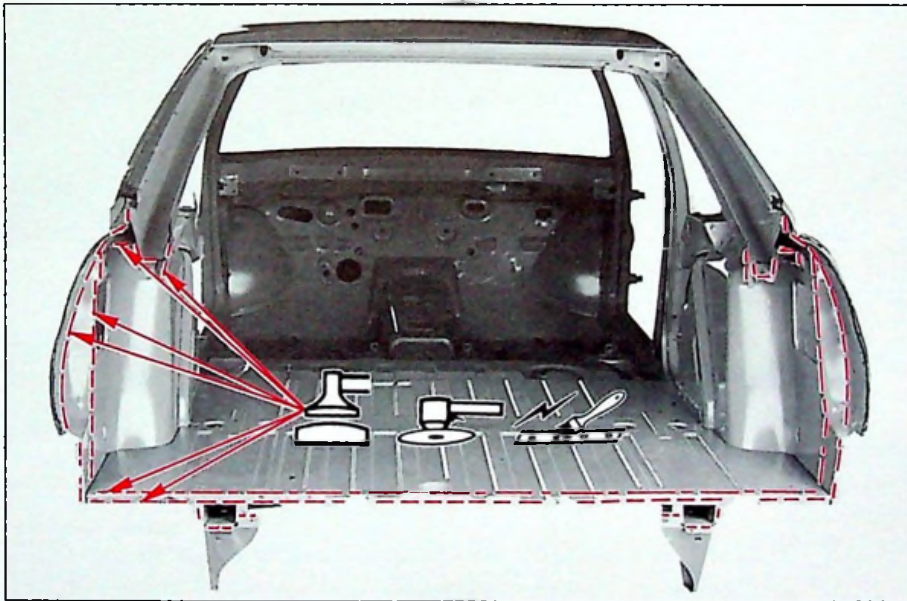
88-481



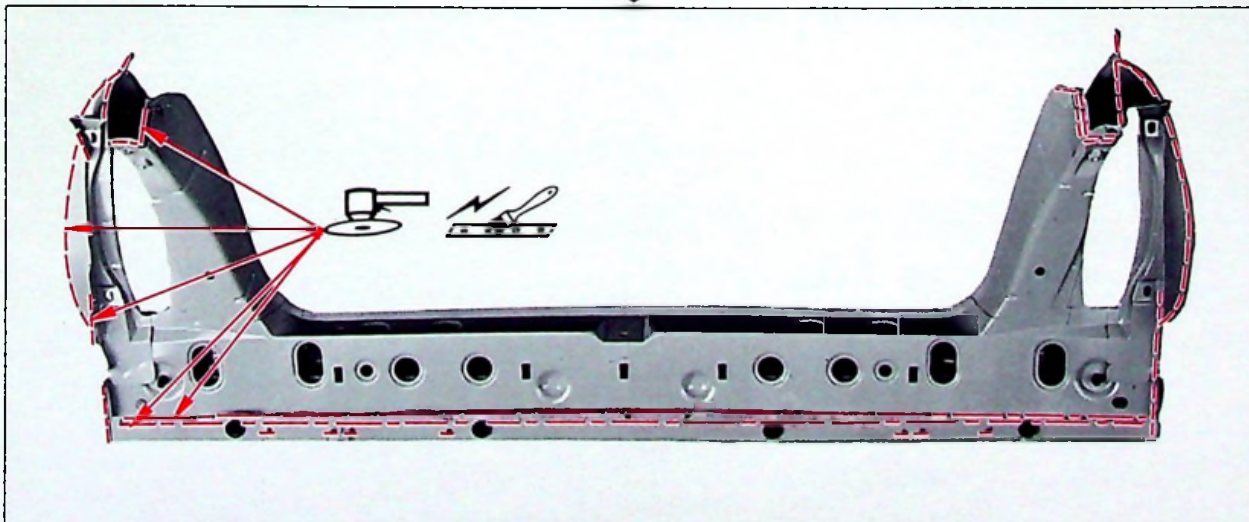
88-375



88-382



88-545



88-539

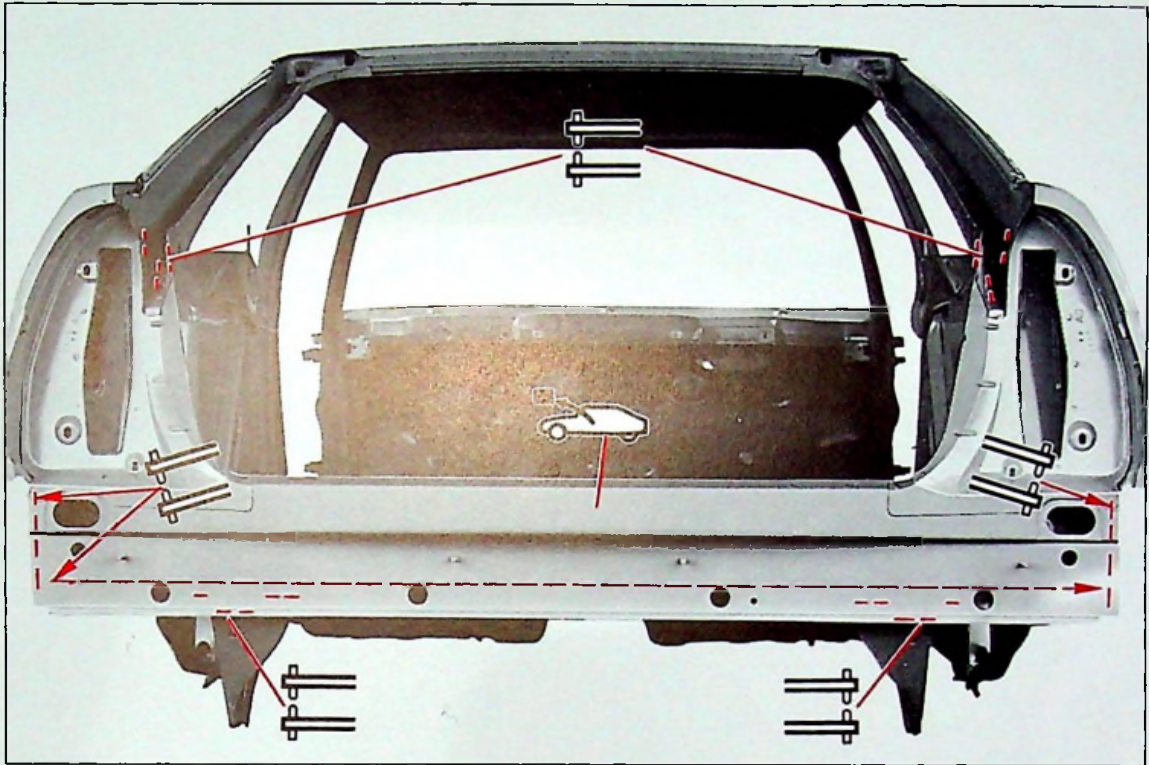


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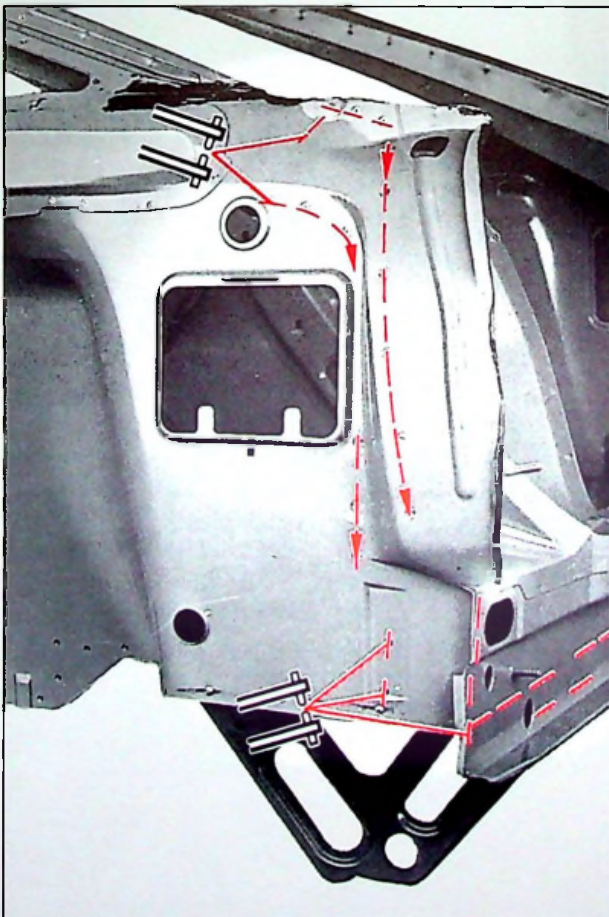


XM
823-3/3

5



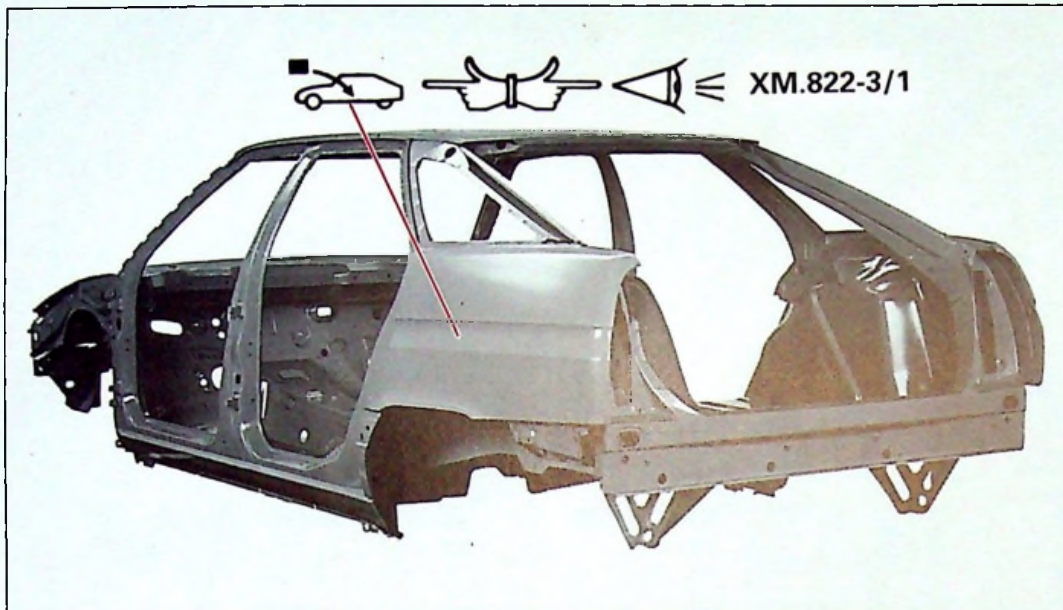
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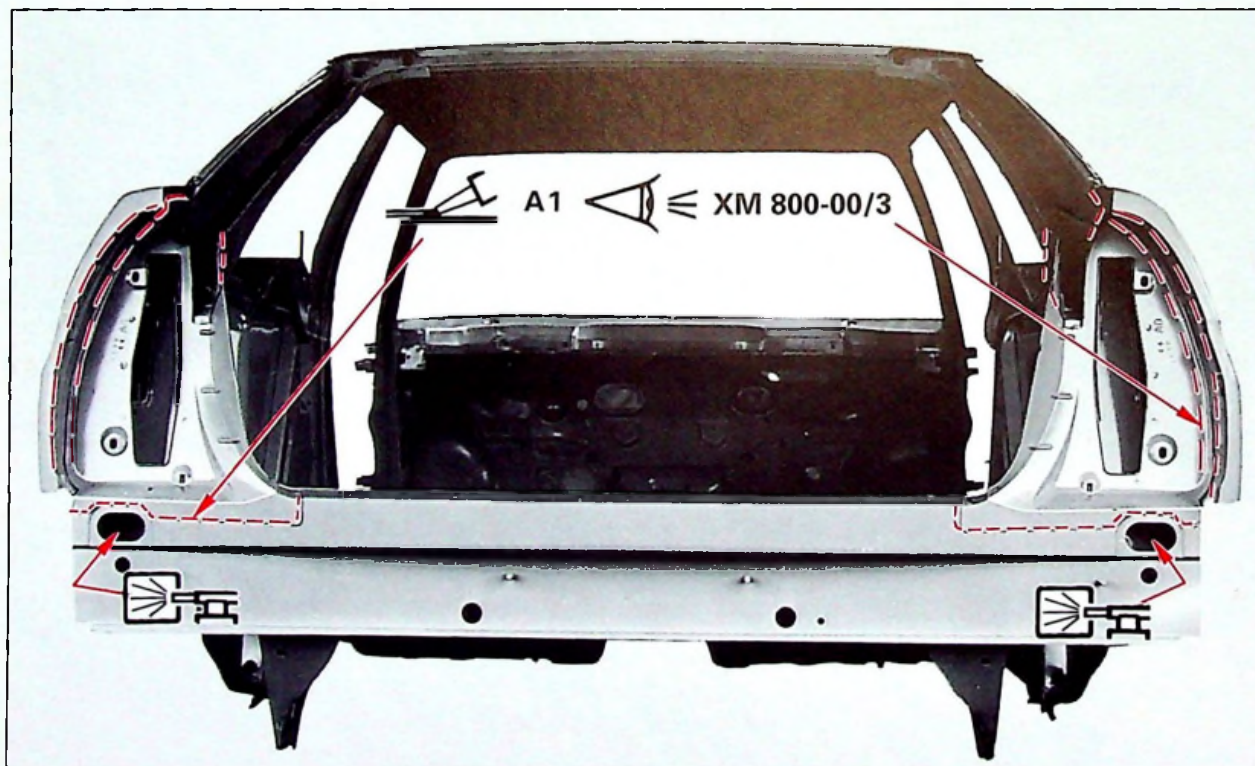
88-481



88-375



88-357



88-382

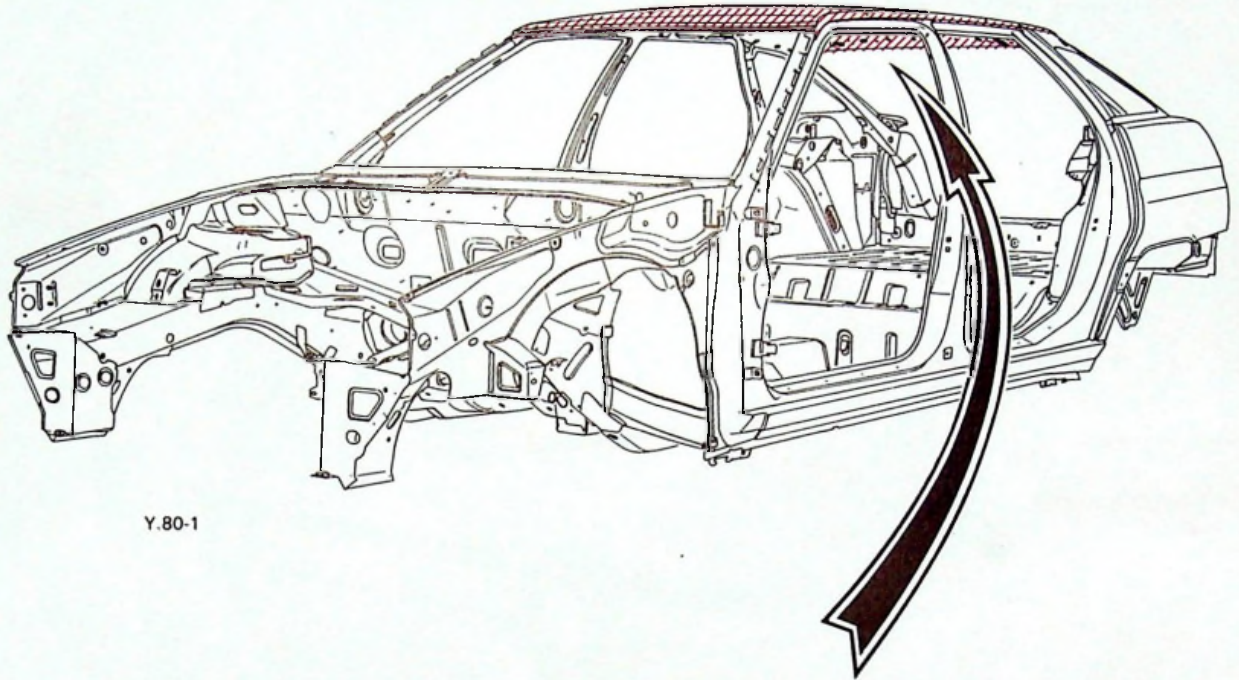


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XM
825-3/1

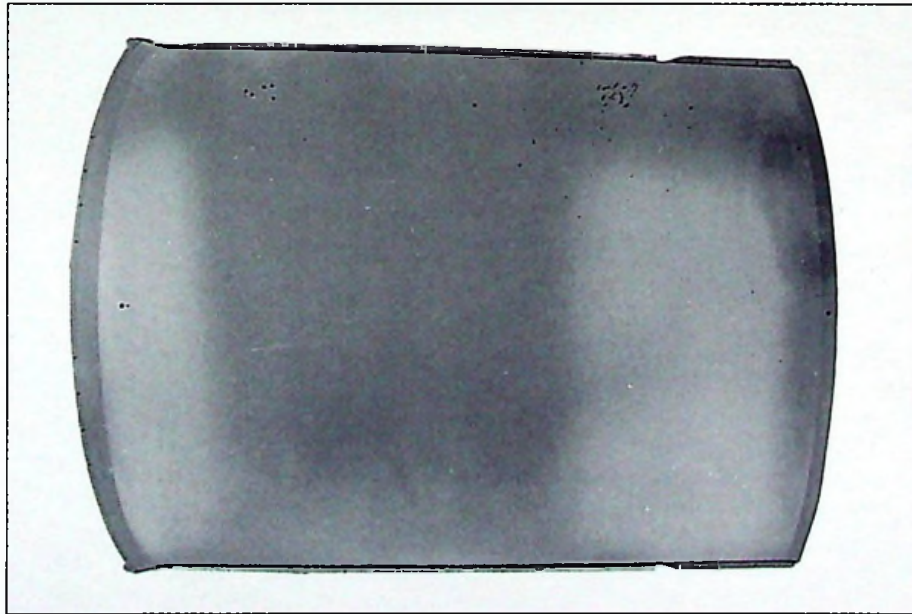
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Y.80-1



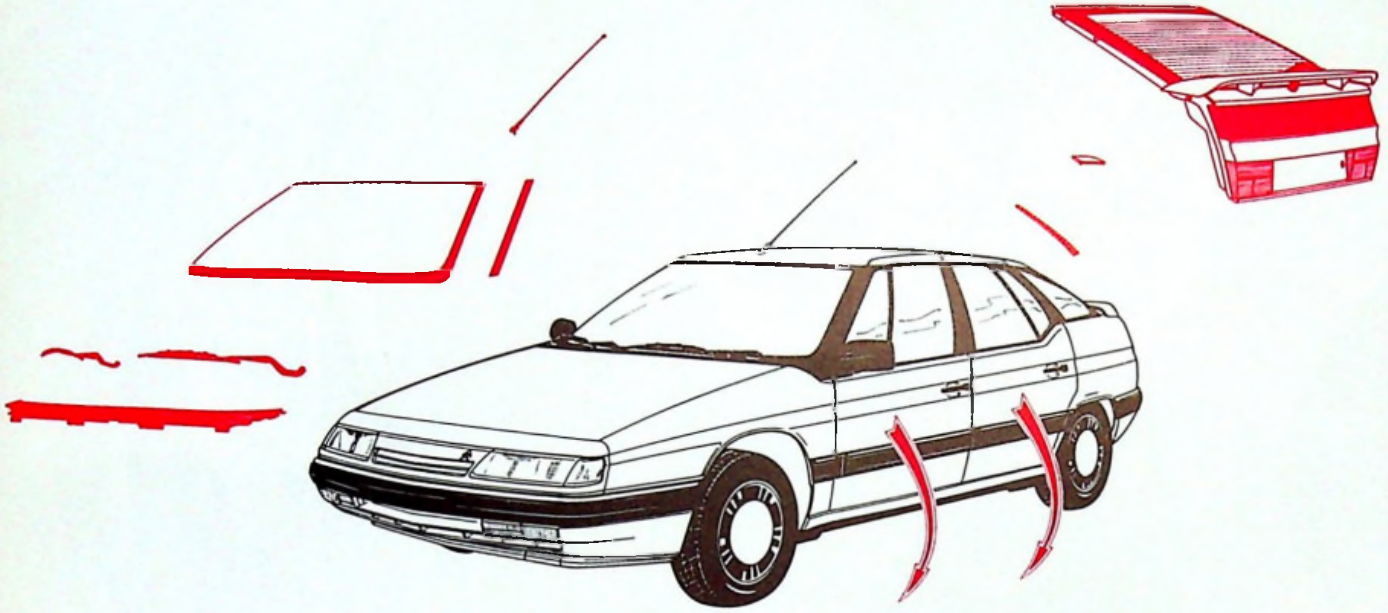
88-538



88-544



88-538



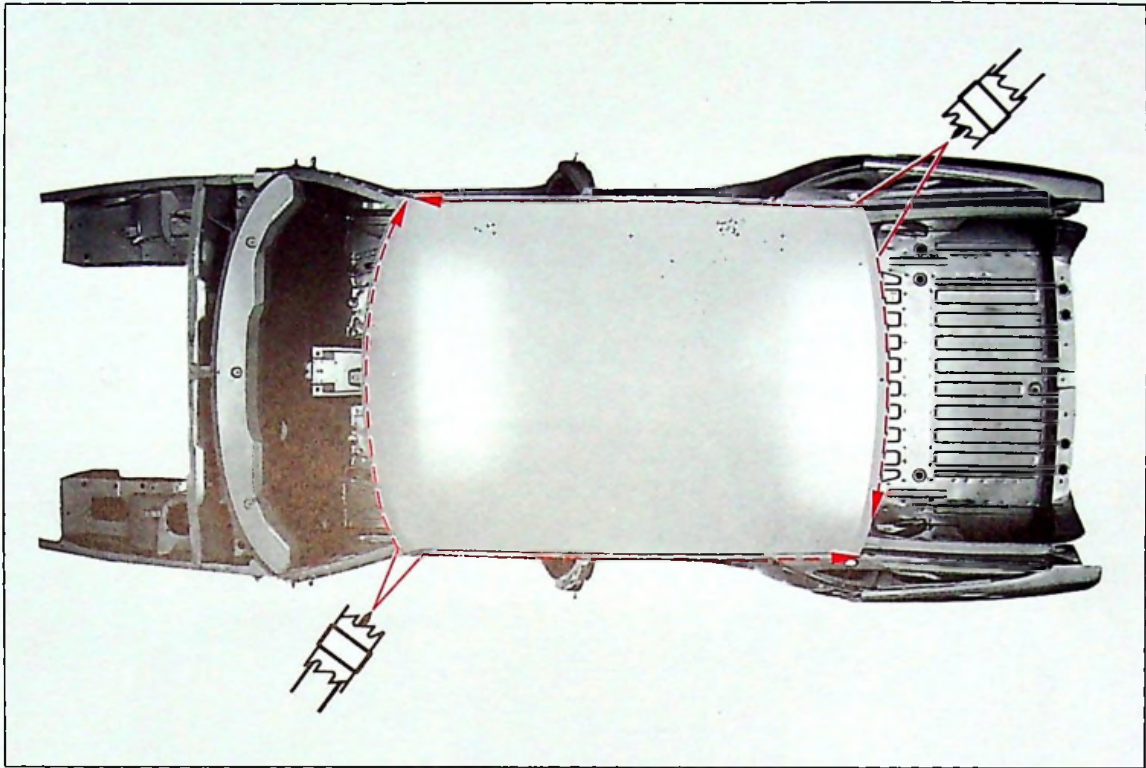


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XM
825-3/1

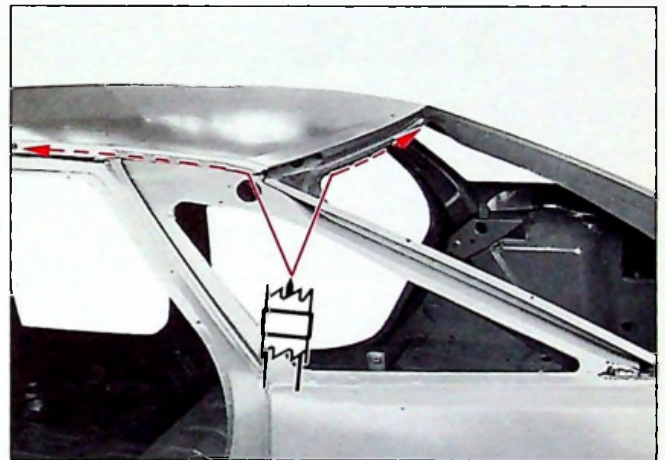
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88-376



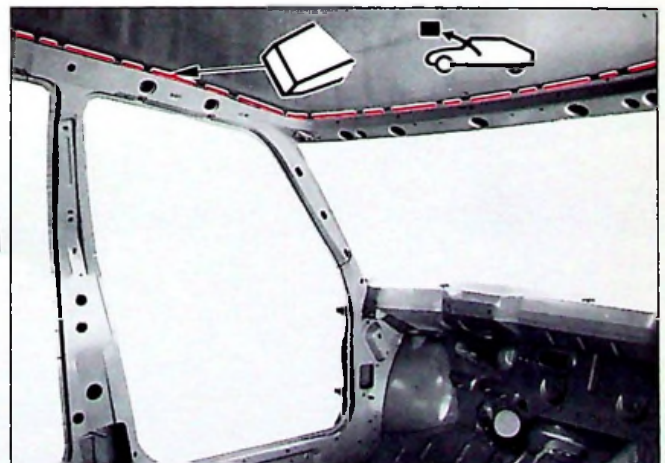
88-367



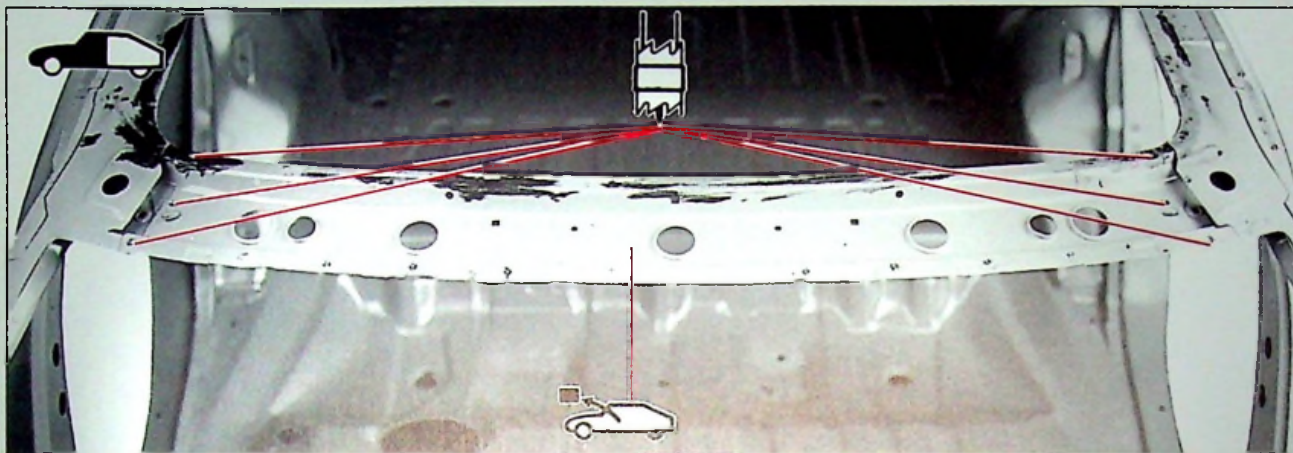
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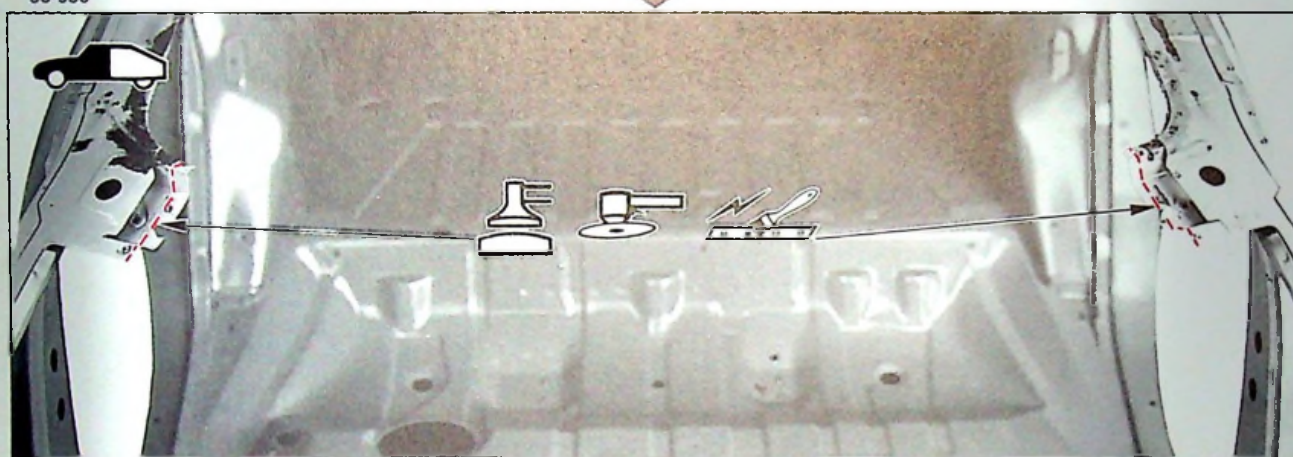
88-375



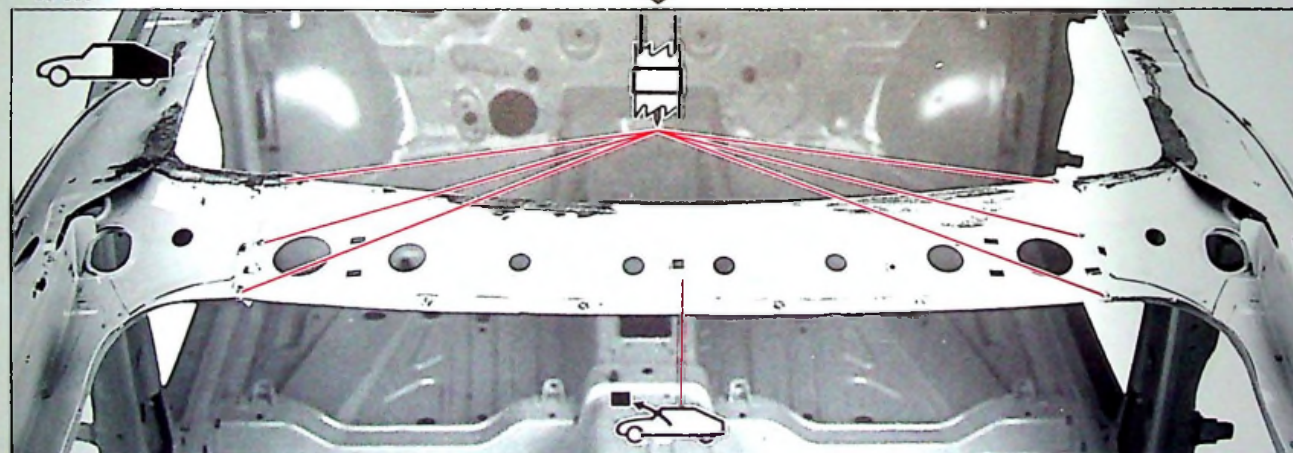
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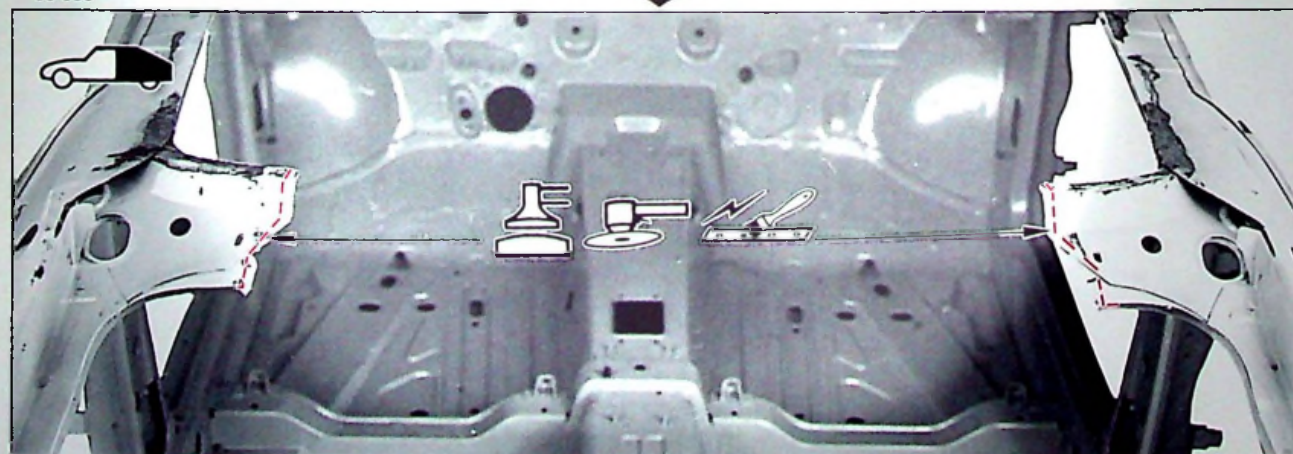
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88-535



88-533



88-534

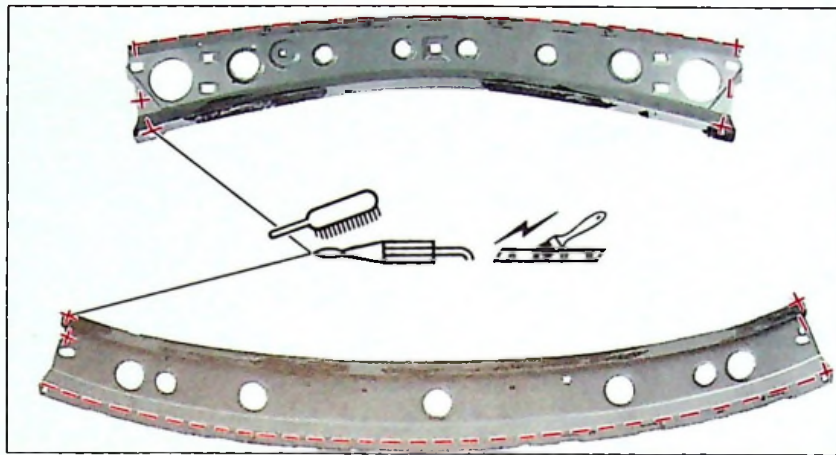


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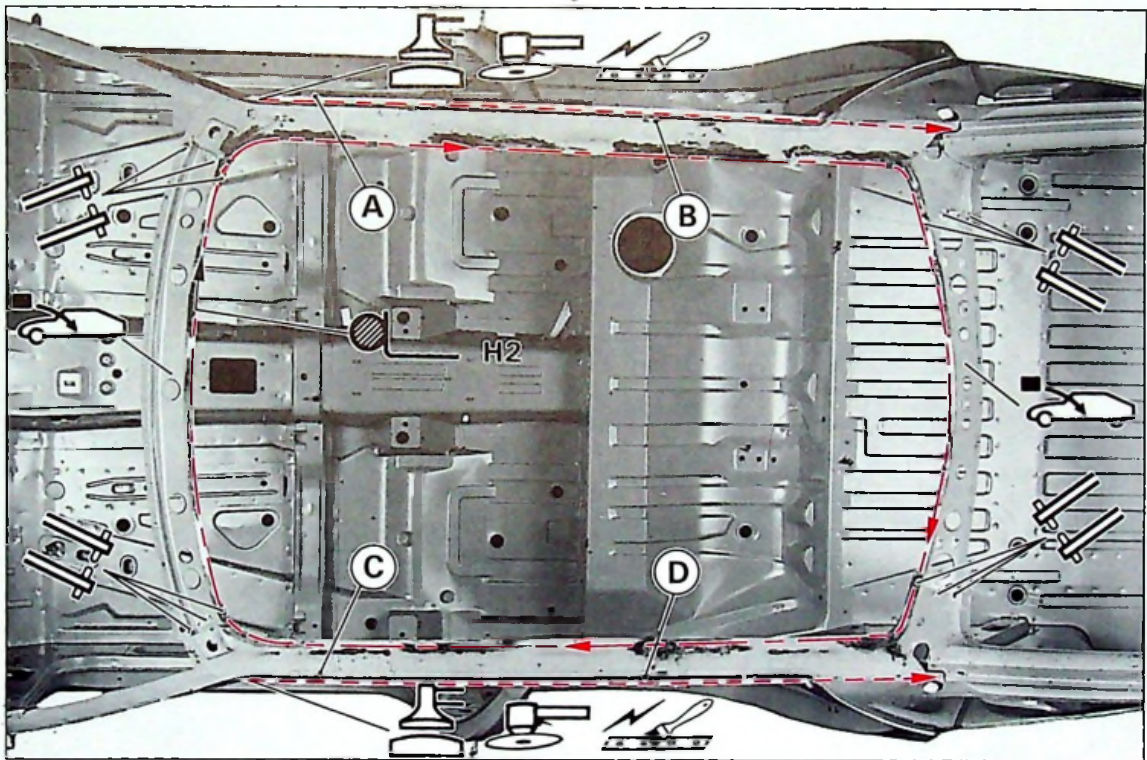


XM
825-3/1

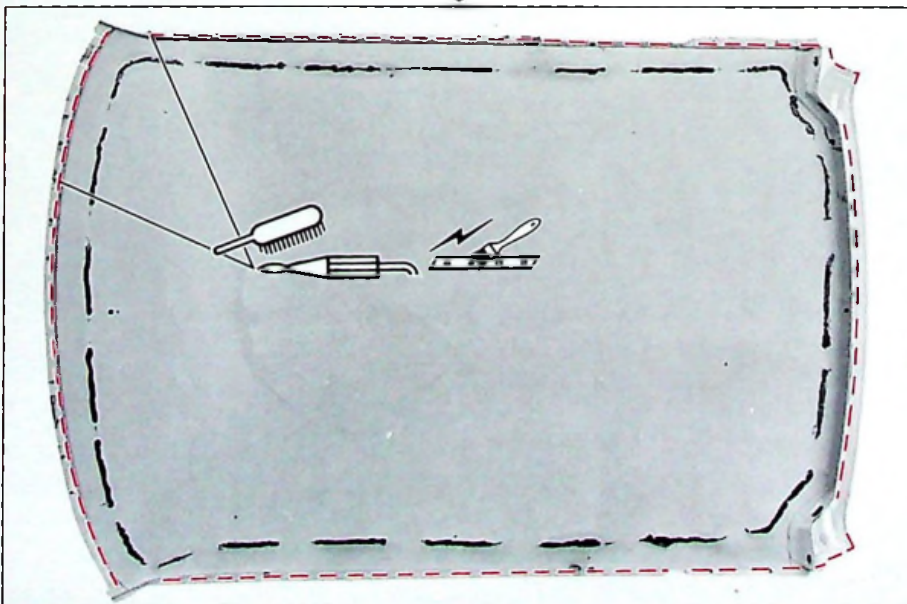
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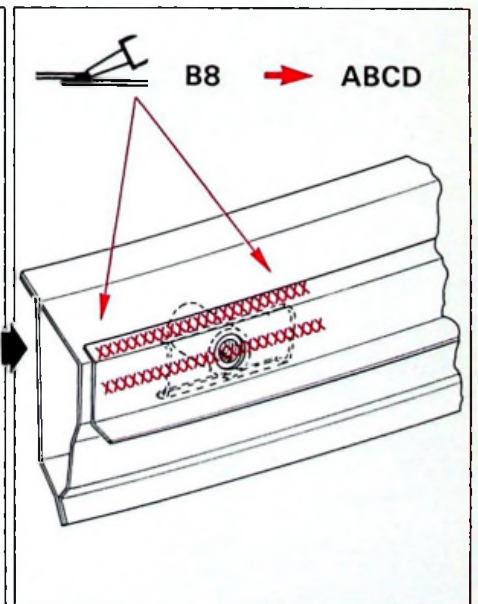
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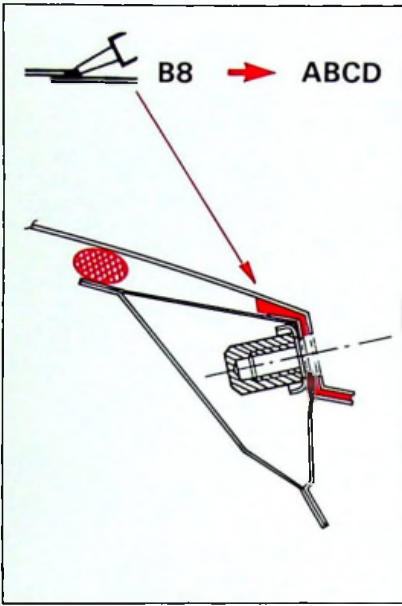
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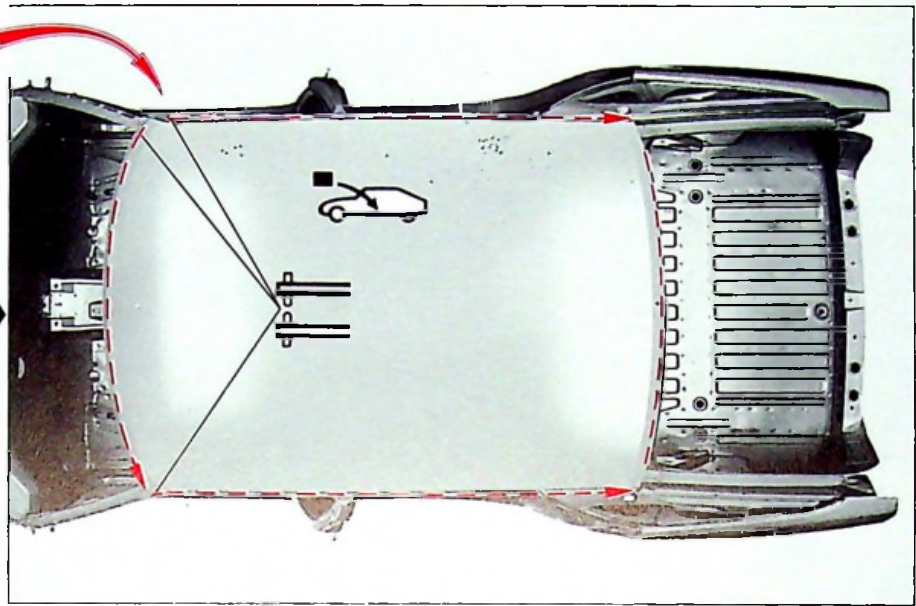
88-367



Y-82.5



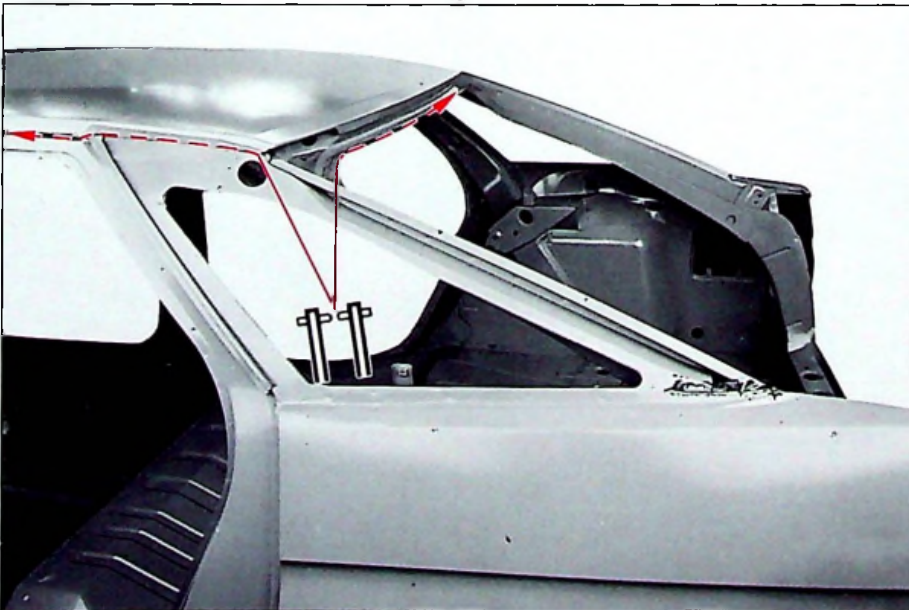
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88-376



88-367



88-368

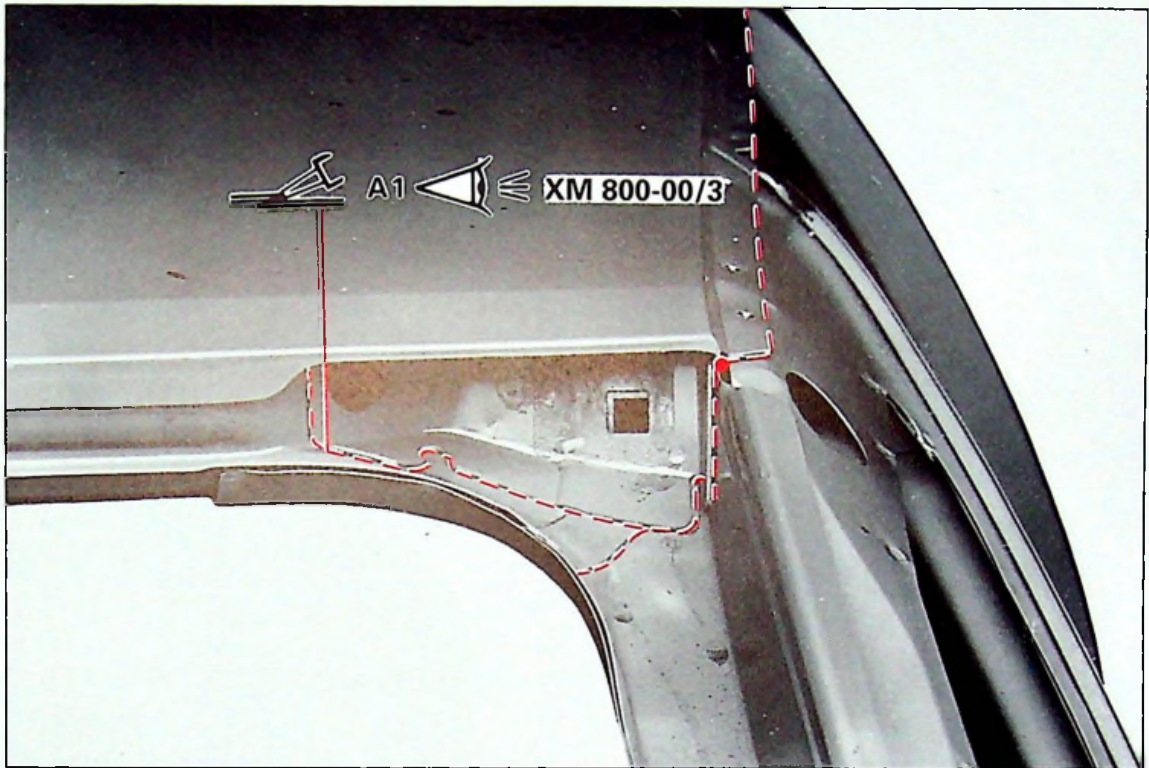


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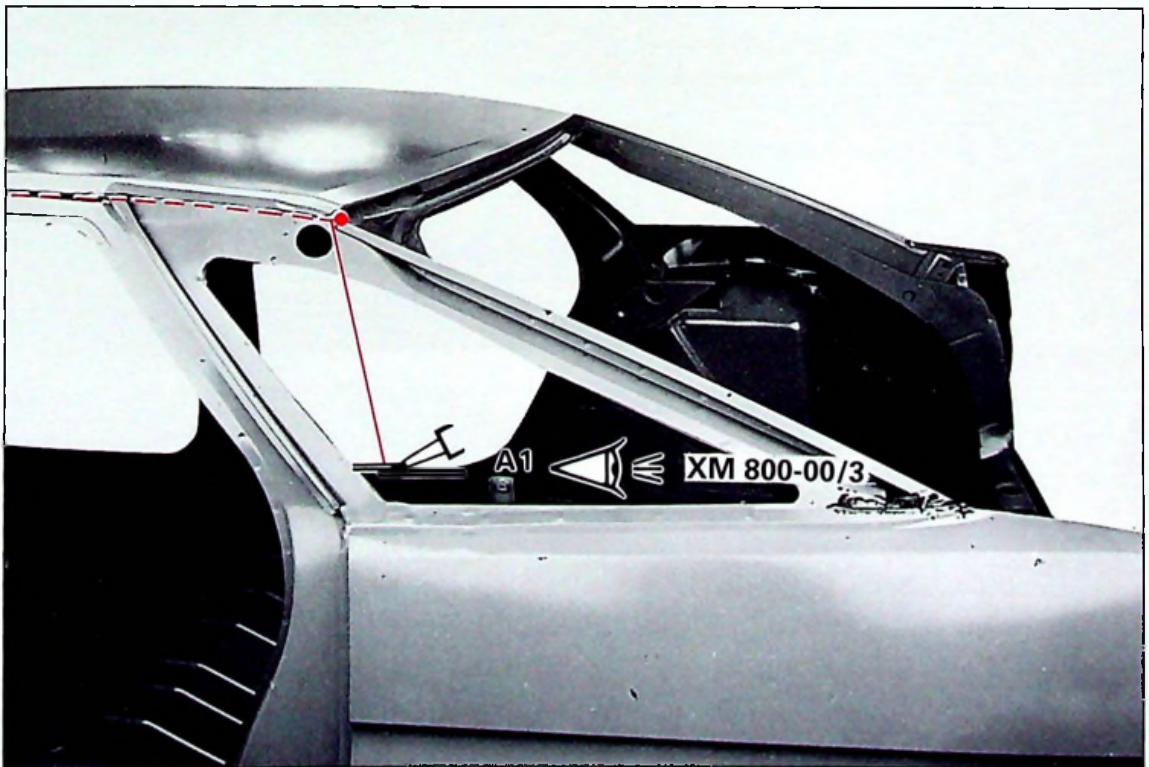


XM
825-3/1

7



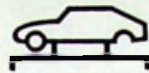
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88-368

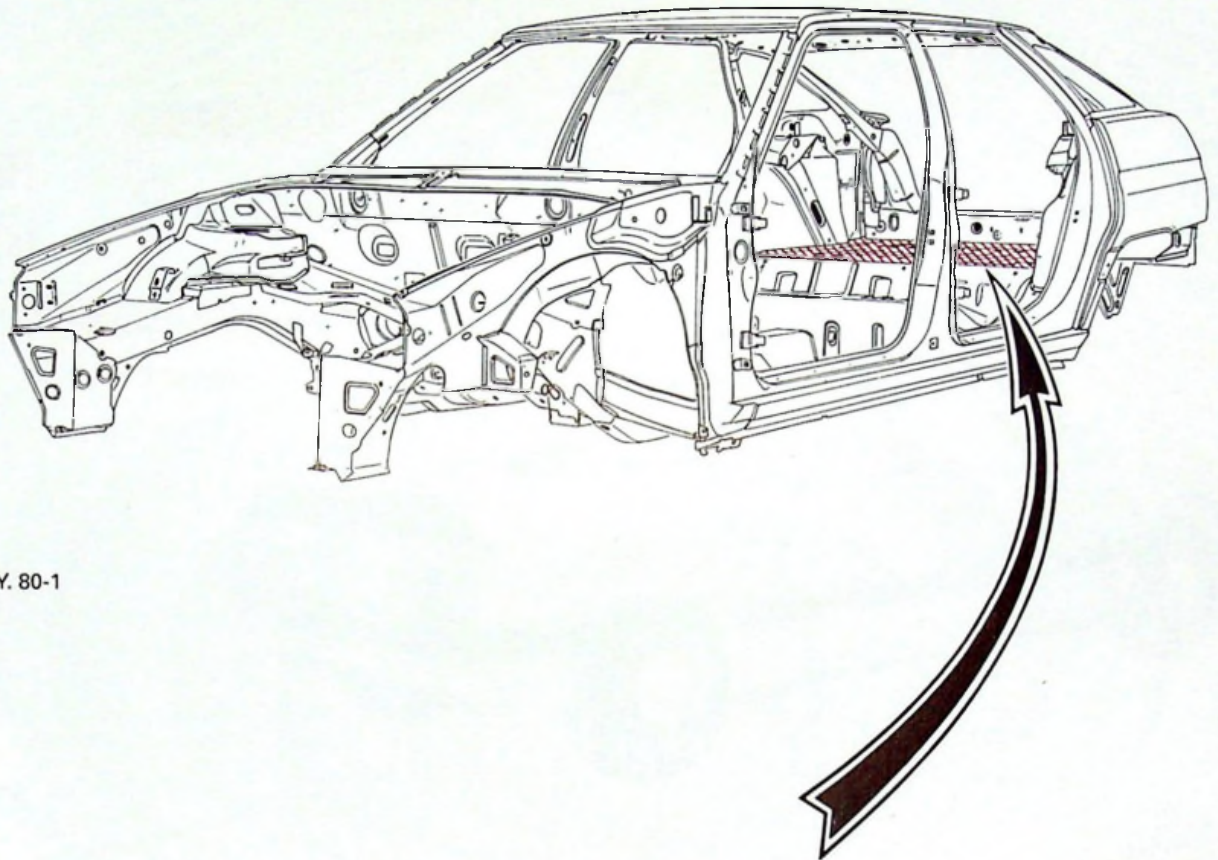


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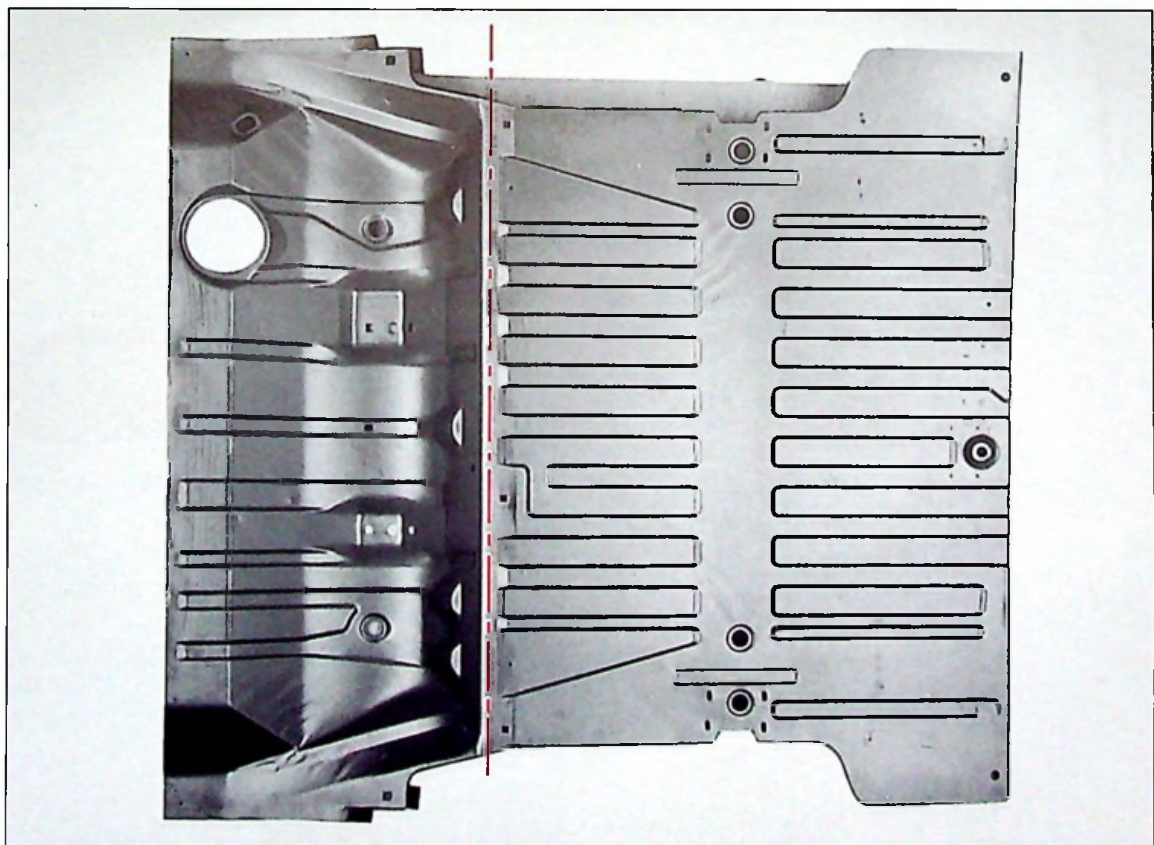


XM
831-3/1

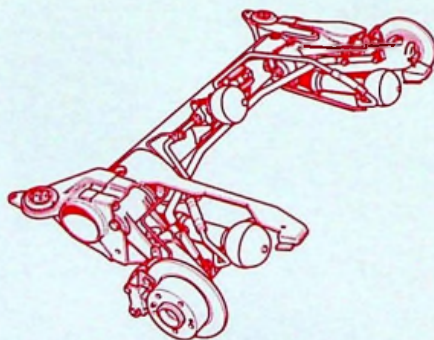
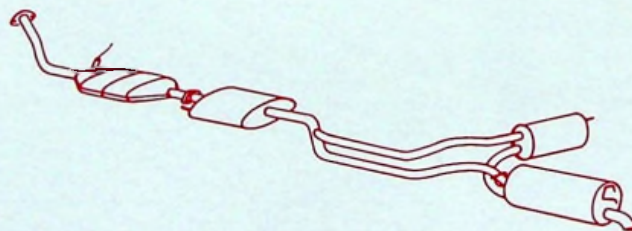
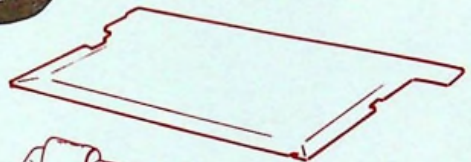
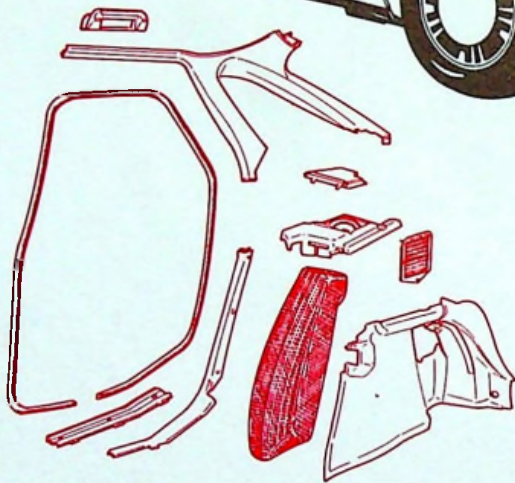
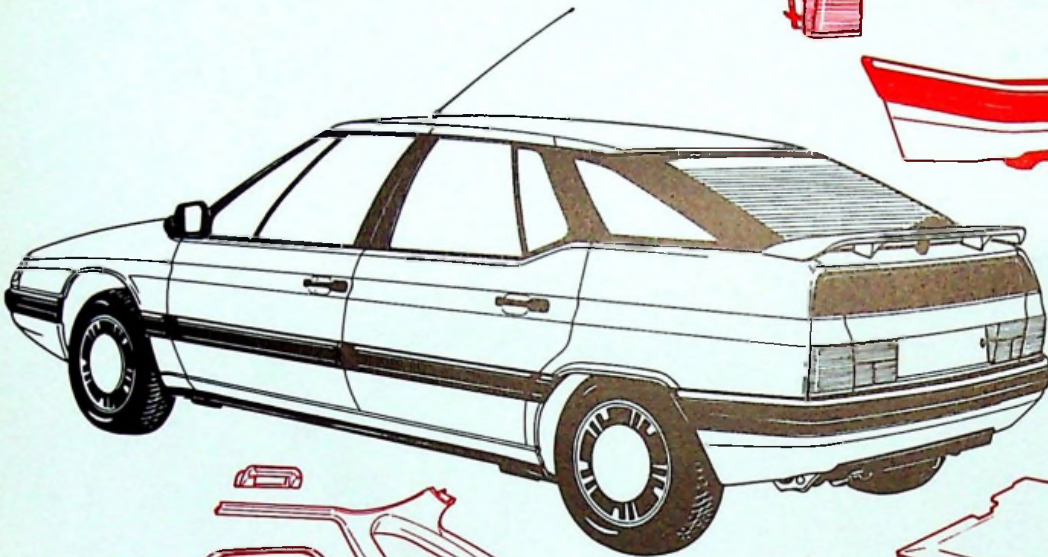
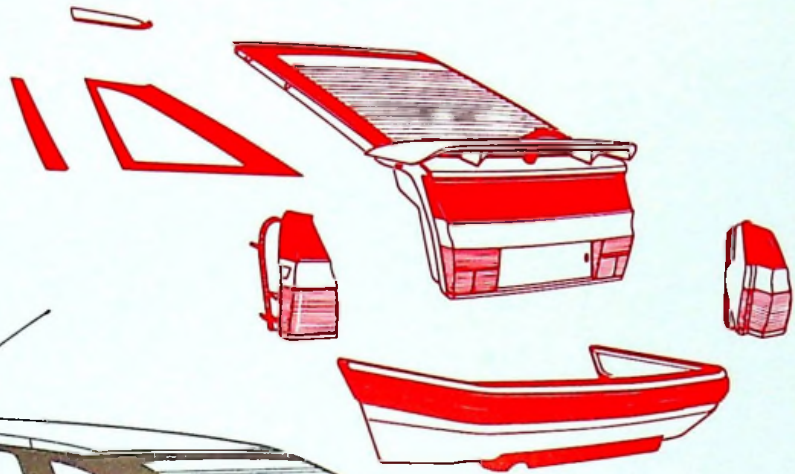
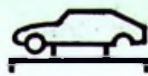
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Y. 80-1



88-558



- Y. 42-3
- Y. 80-8
- Y. 80-23
- Y. 80-24
- Y. 80-27



14

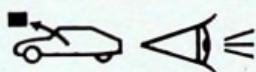


XM
831-3/1

3



88-357



1 - XM 822-3/1

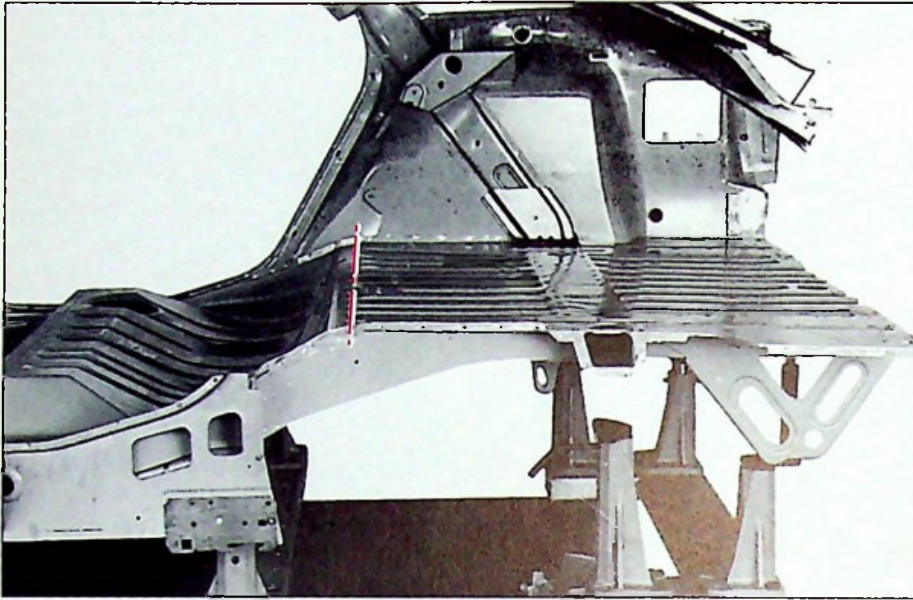
2 - XM 823-3/3

3 - XM 821-3/7

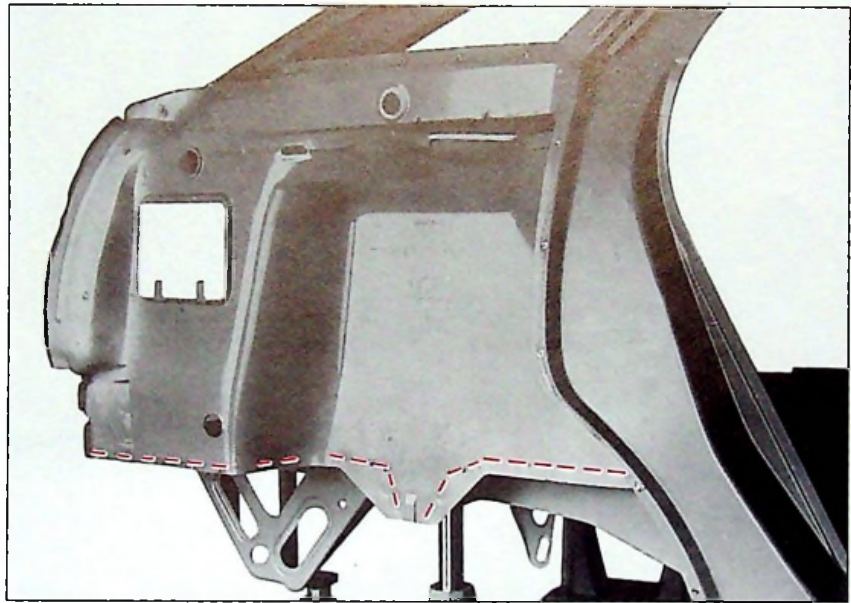
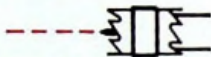
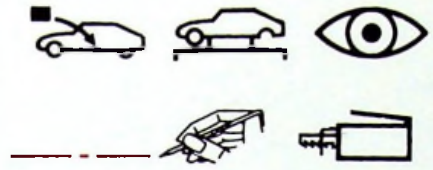
4 - XM 822-3/3



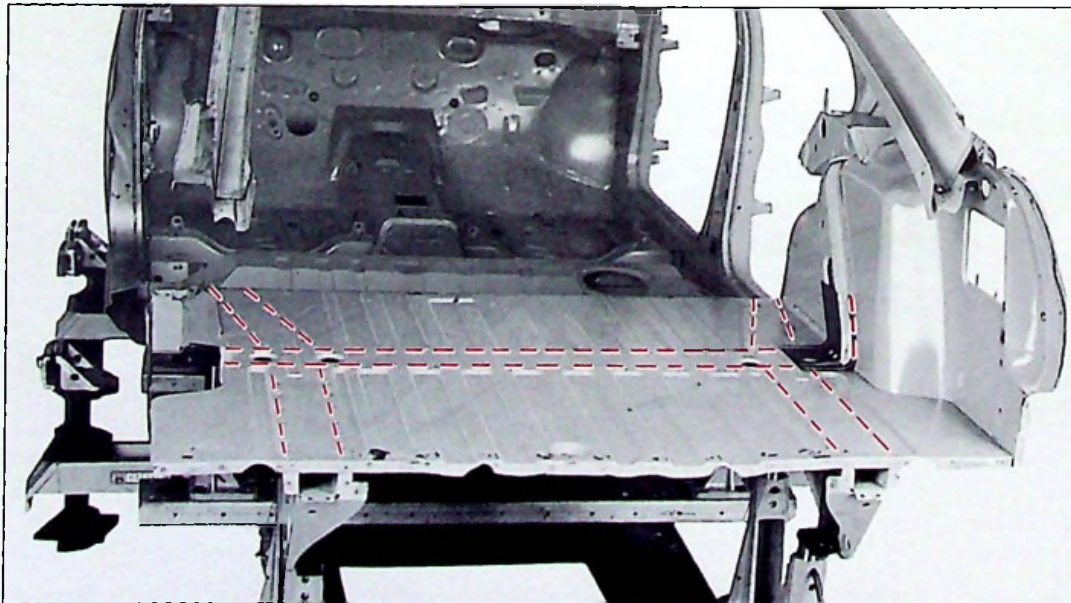
88-542



89-355



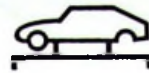
89-354



89-353

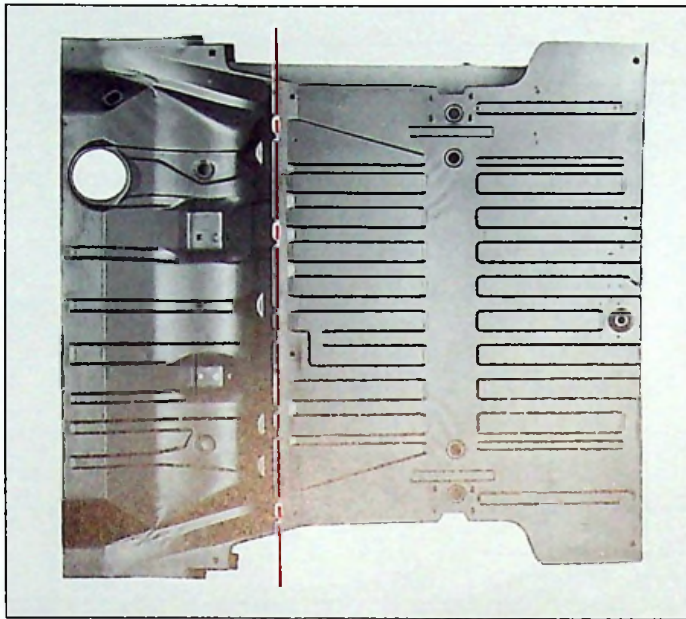


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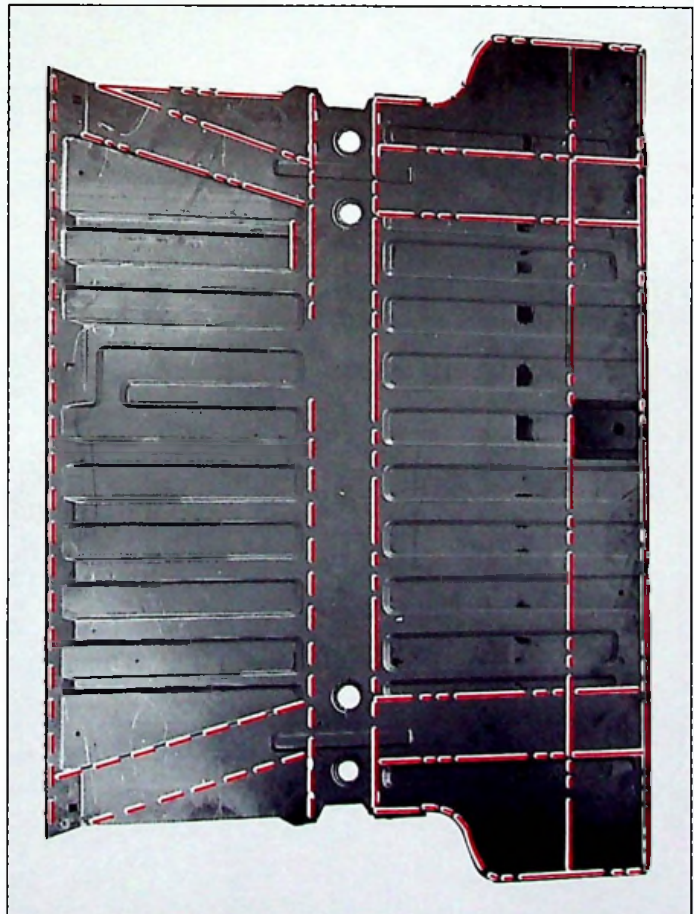
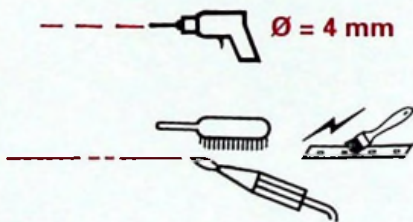
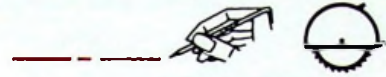


XM
831-3/1

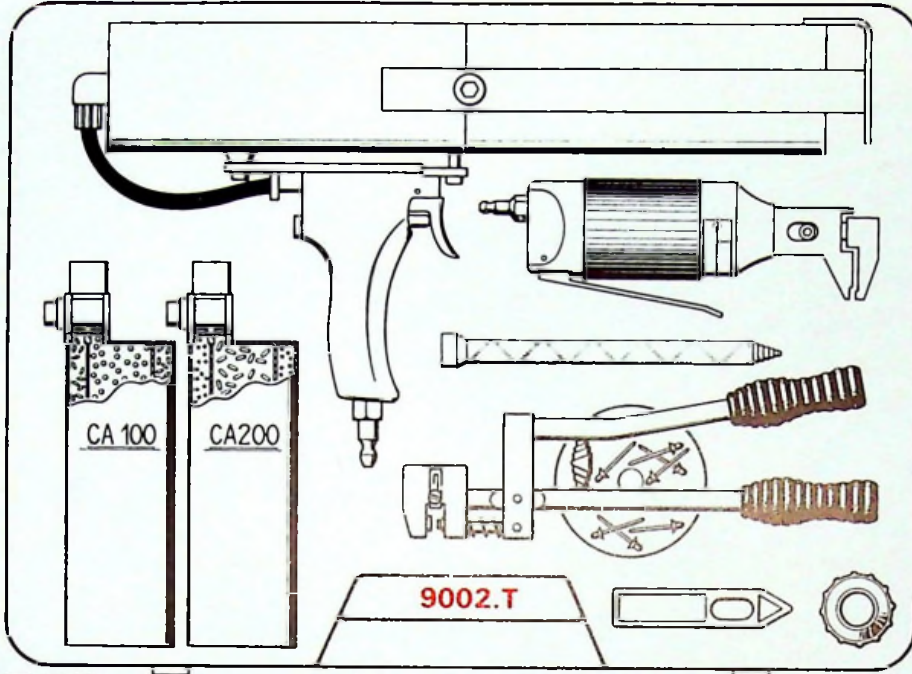
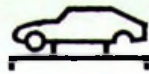
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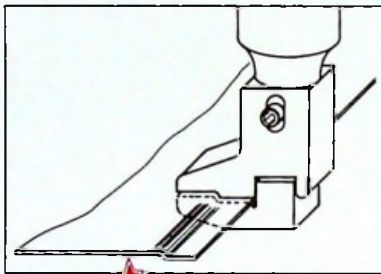
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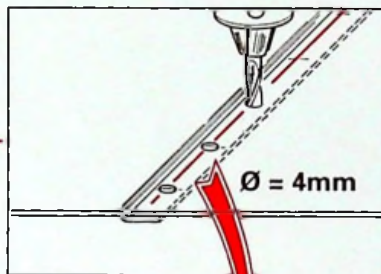
89-263



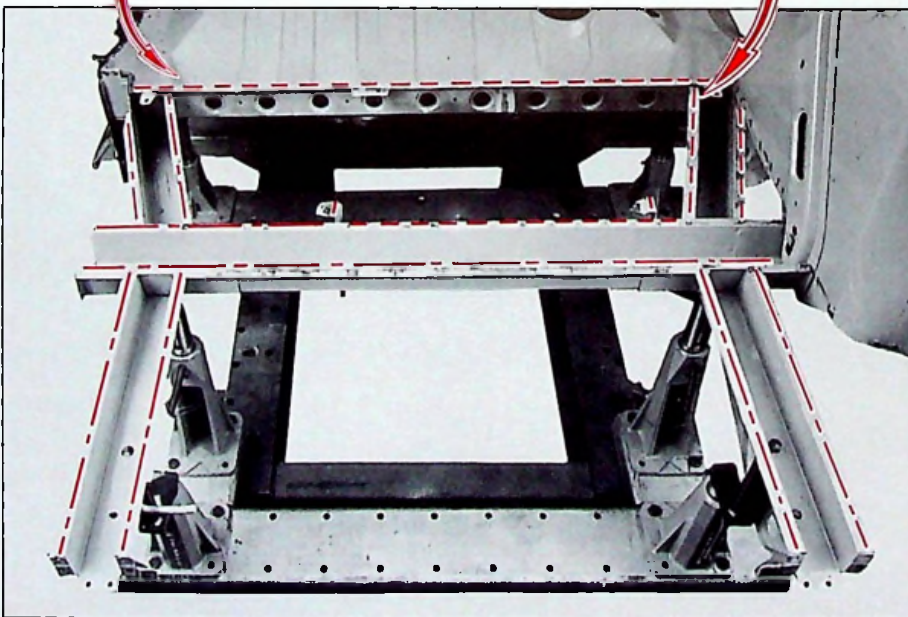
TT. 80-23



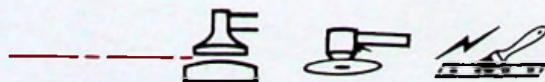
TT. 80-24



TT. 80-24



89-733



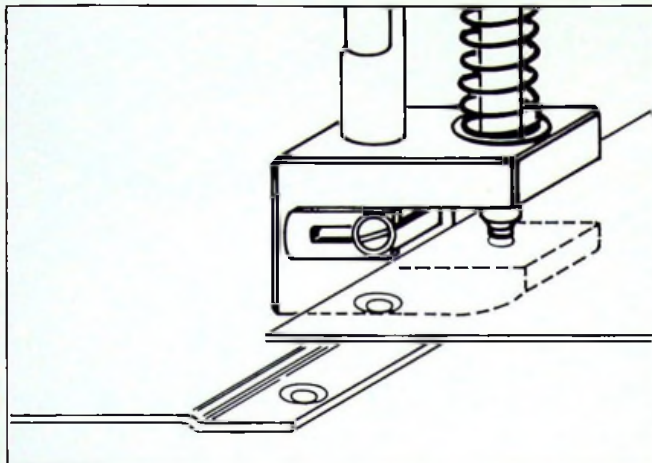


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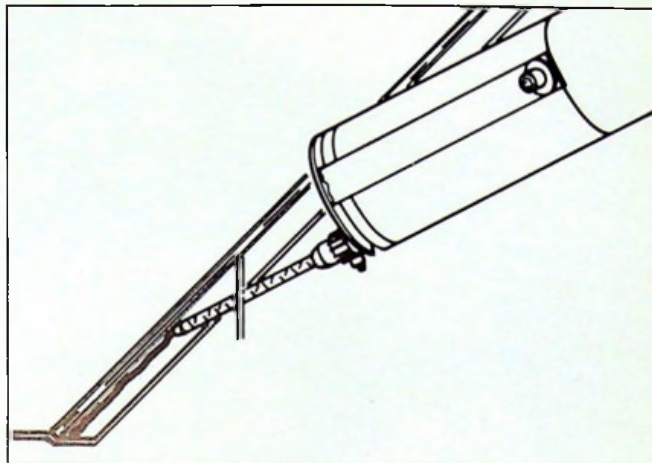


XM
831-3/1

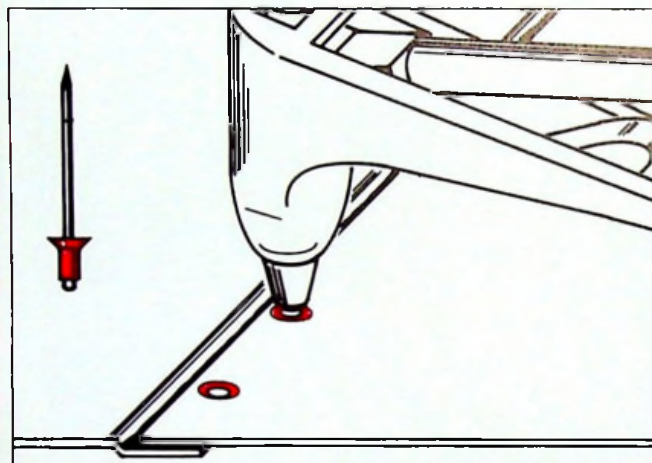
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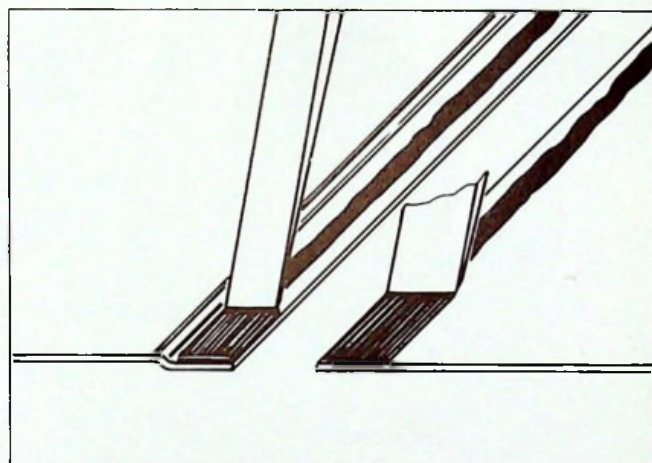
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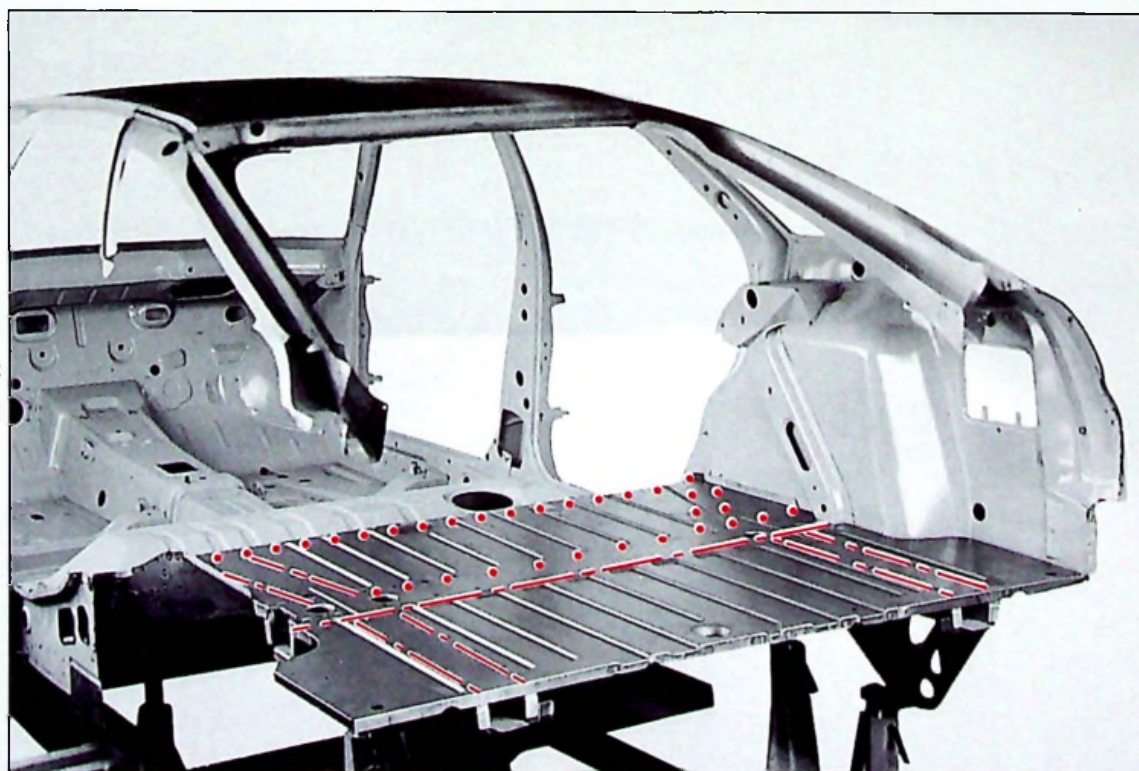
TT. 80-24



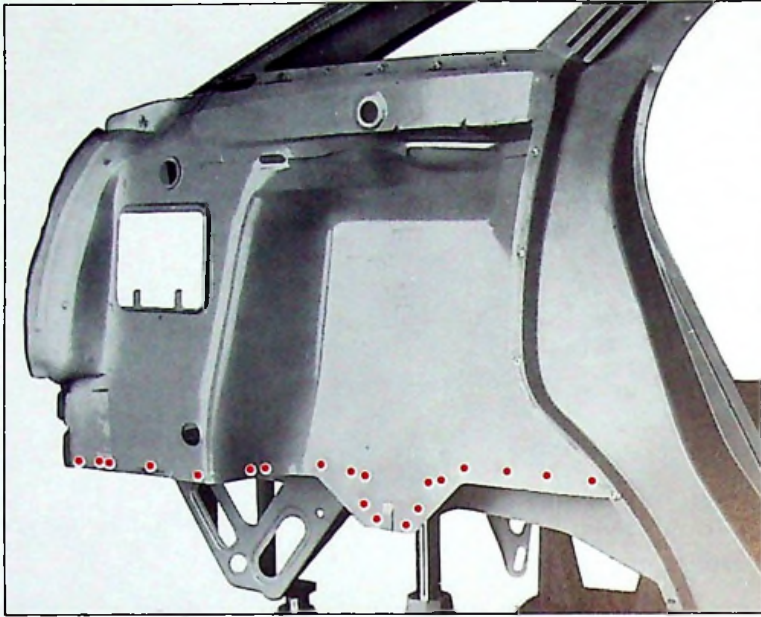
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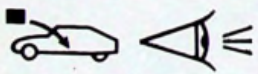
TT. 80-24



89-770

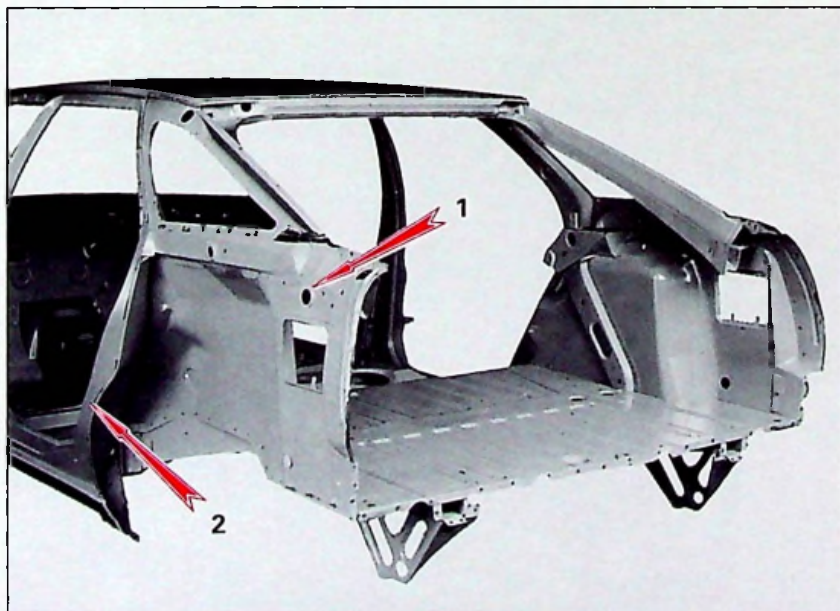


89-354



1 - XM 822-3/3

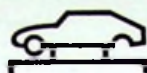
2 - XM 821-3/7



88-542



14

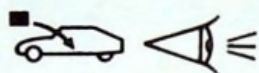


XM
831-3/1

9



88-357



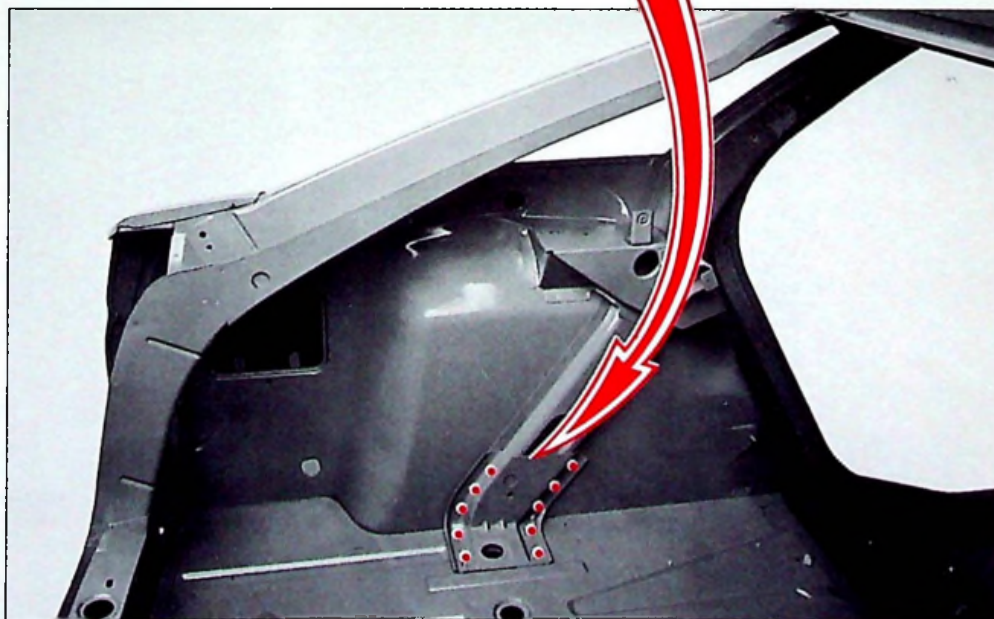
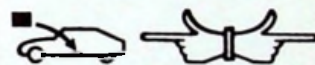
1 - XM 823-3/3

2 - XM 822-3/1

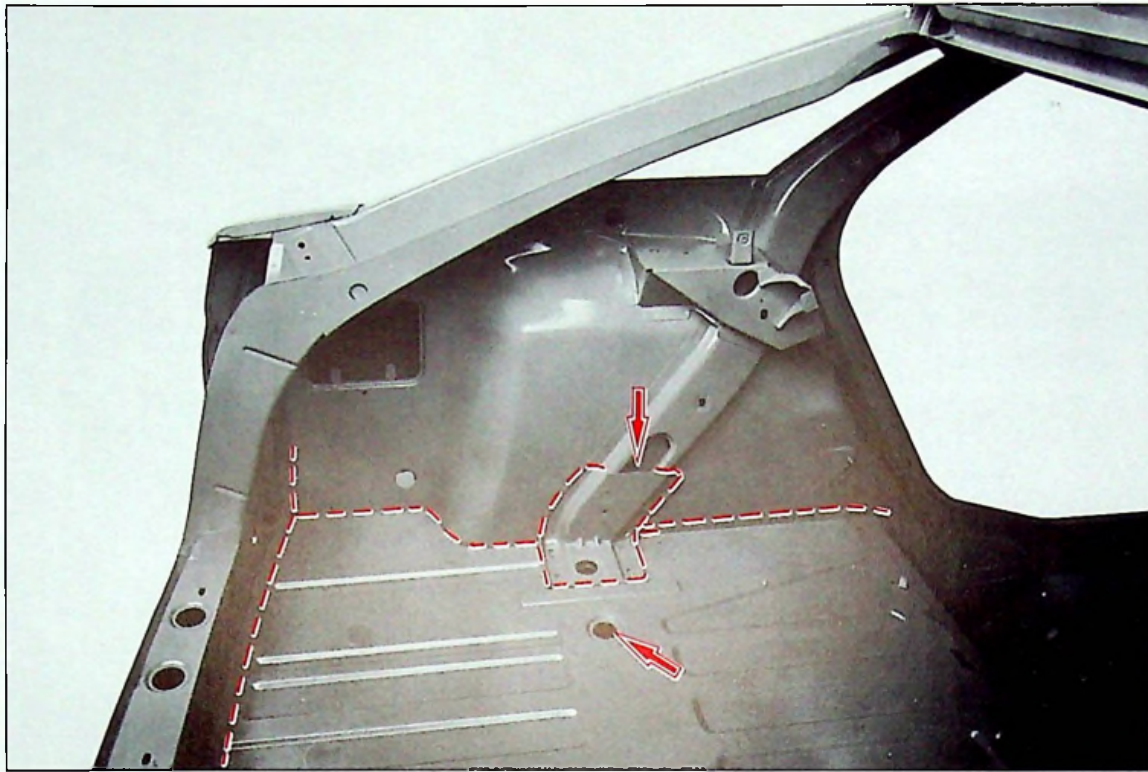
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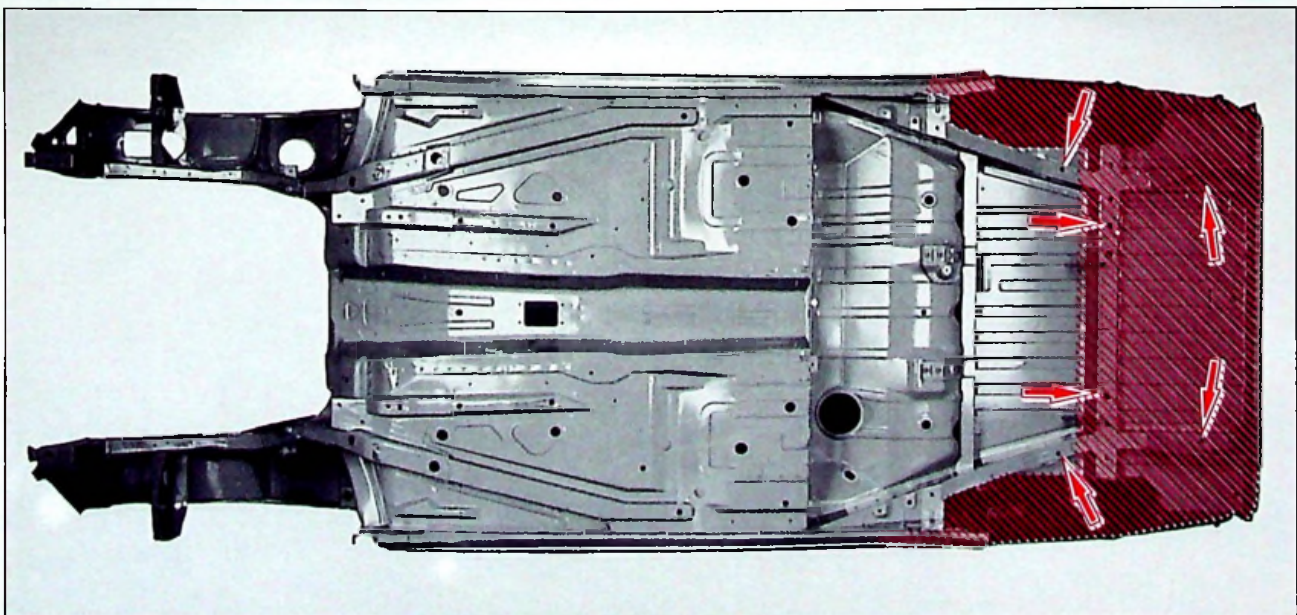
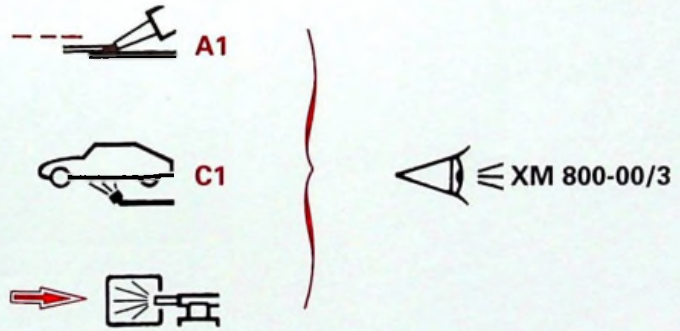
89-368



88-870



88-870



88-374

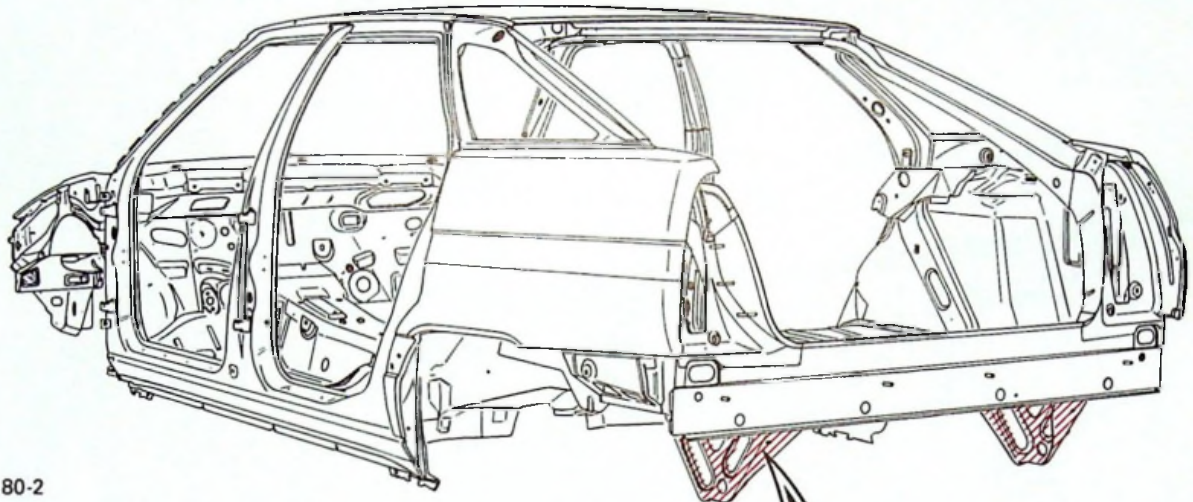


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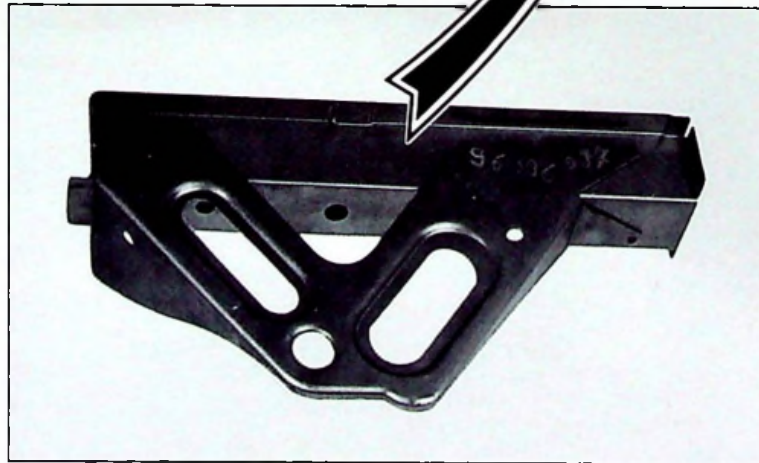


XM
831-3/2

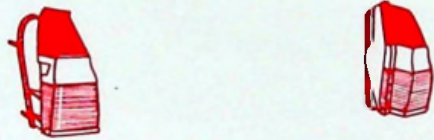
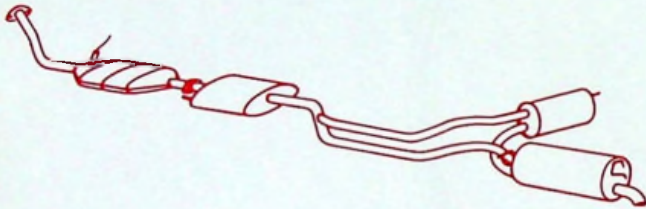
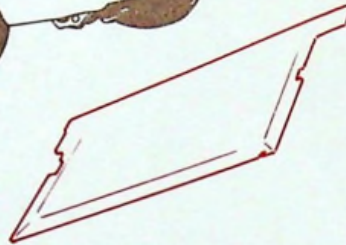
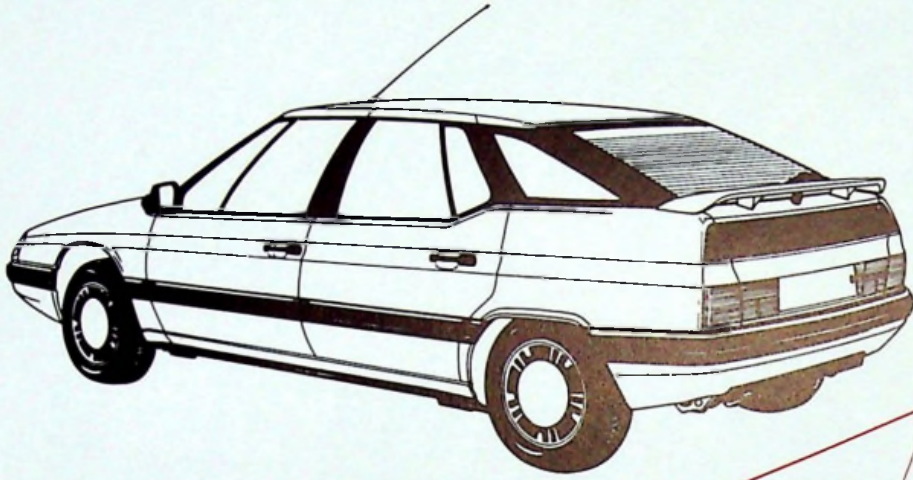
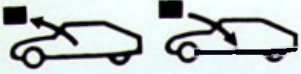
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Y. 80-2



88-552



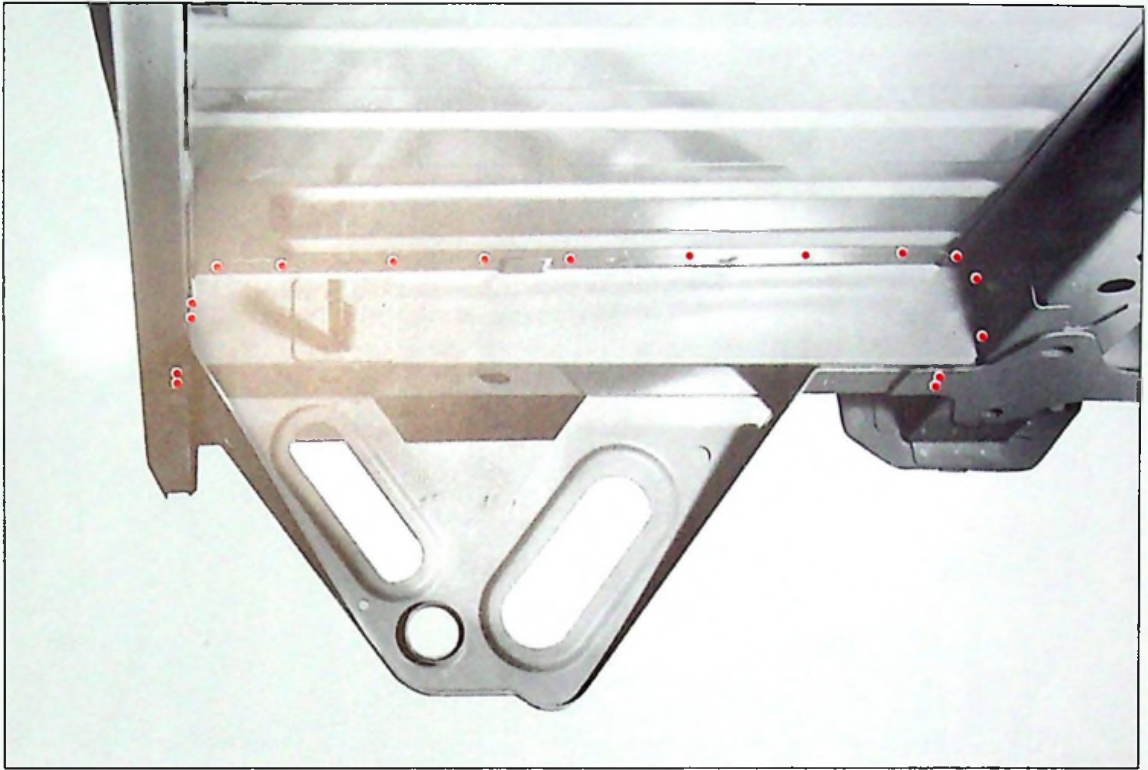


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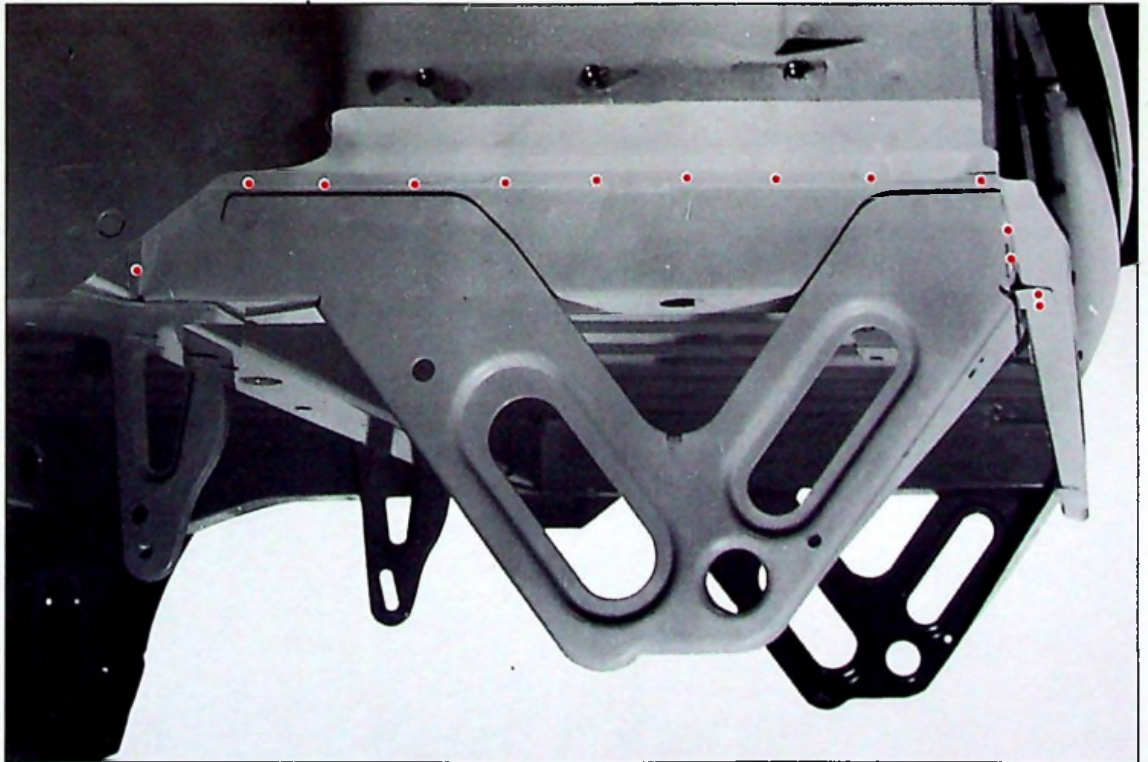


XM
831-3/2

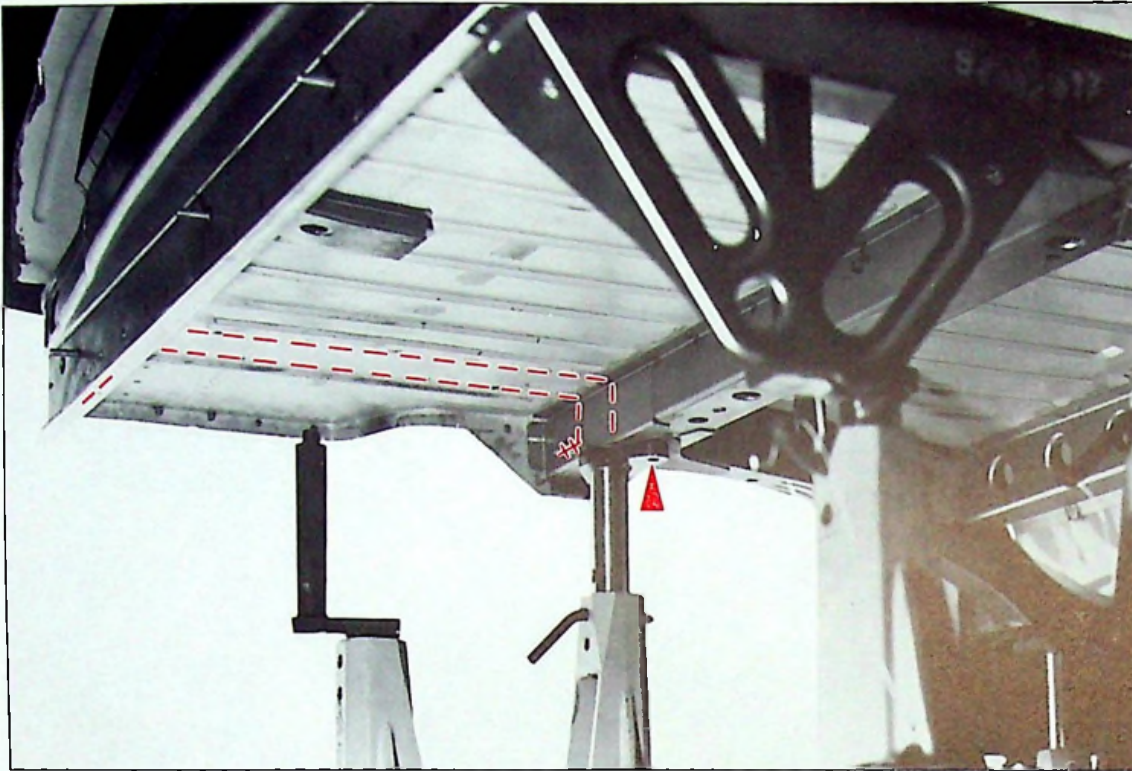
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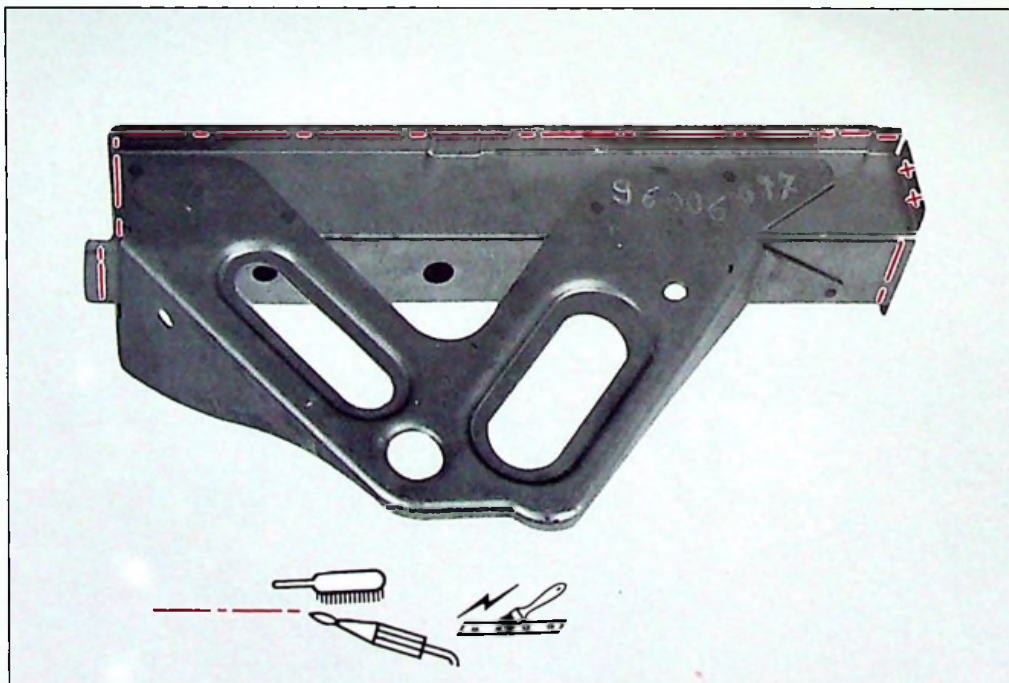
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89-1244



89-1246



88-552





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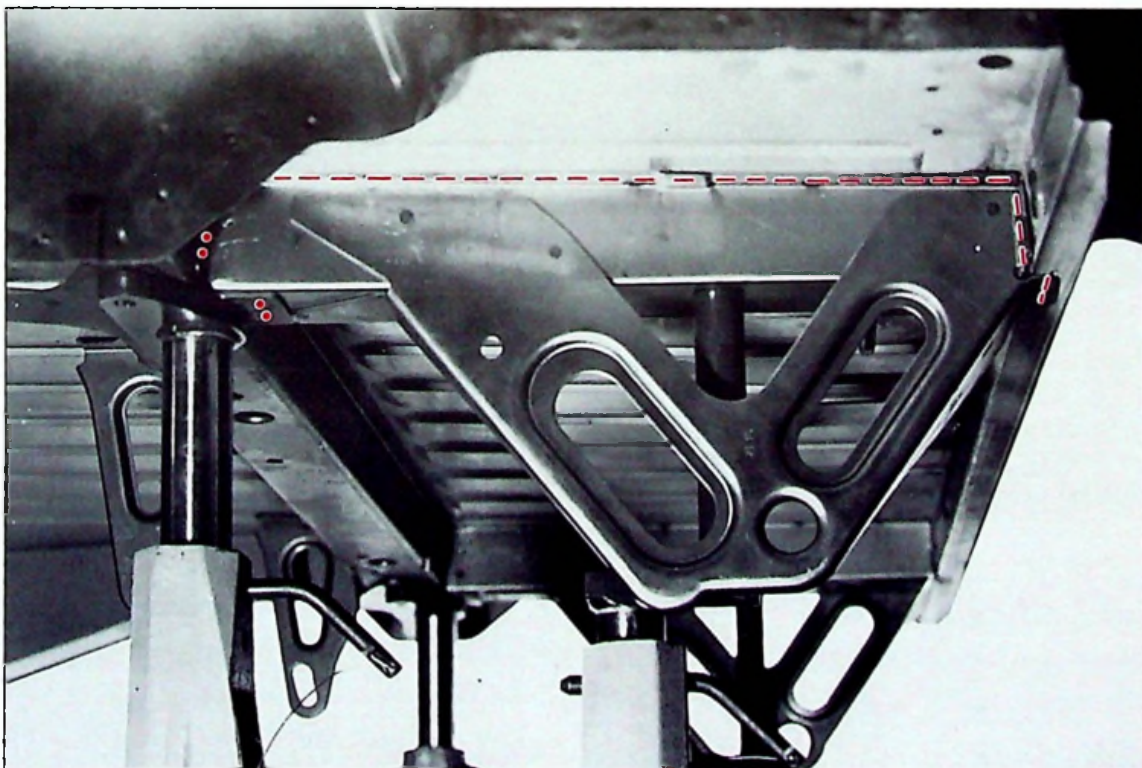
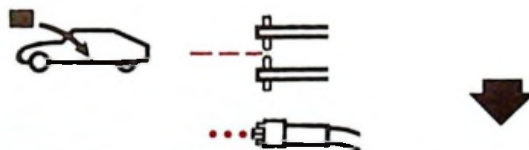


XM
831-3/2

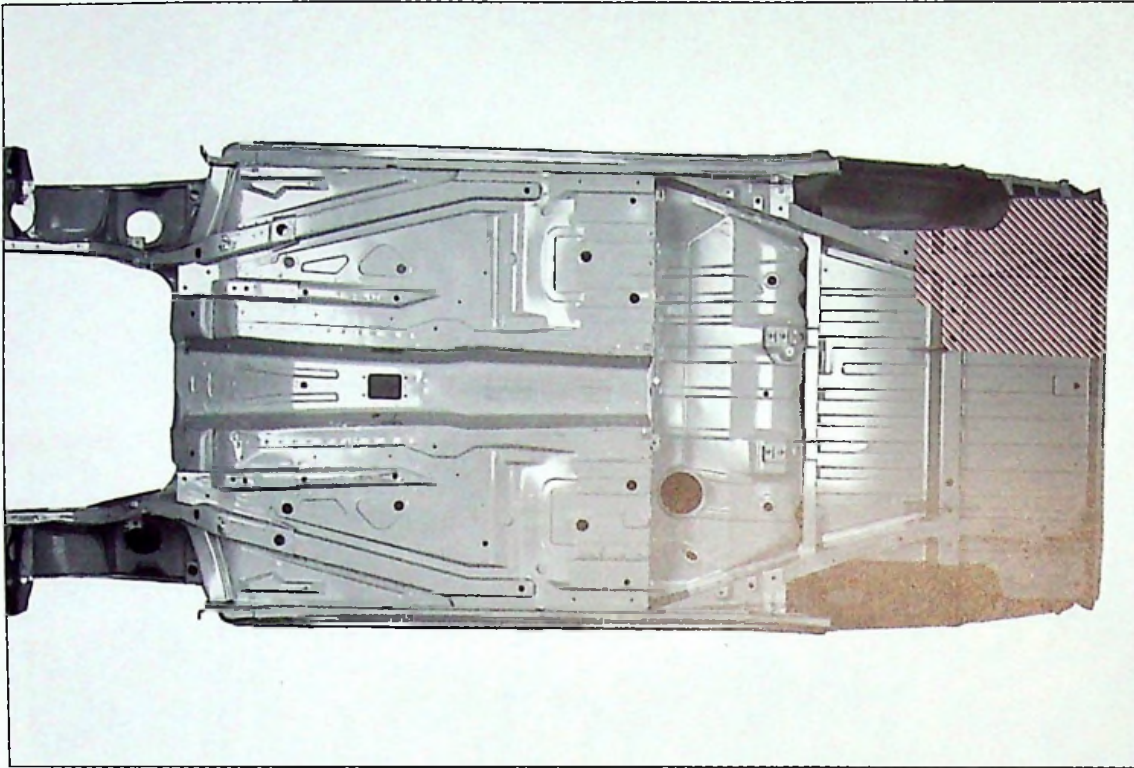
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89-1247



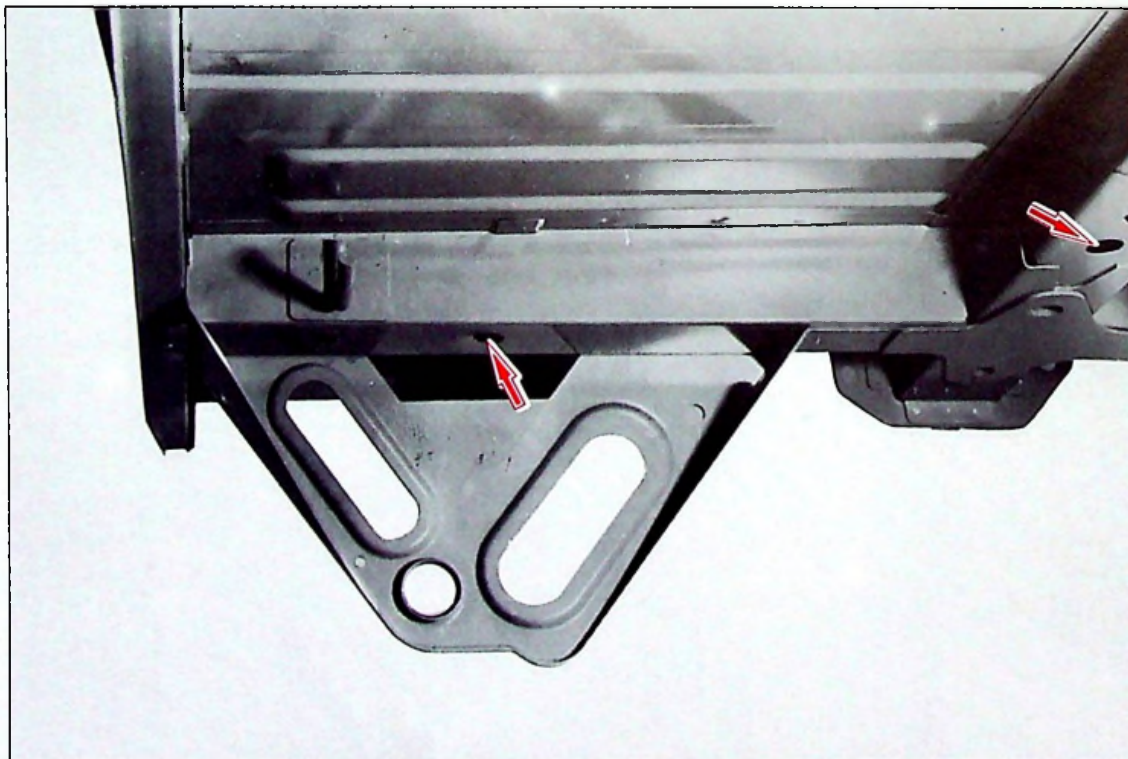
89-1245



88-374



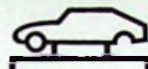
XM 800-00/3



89-1243

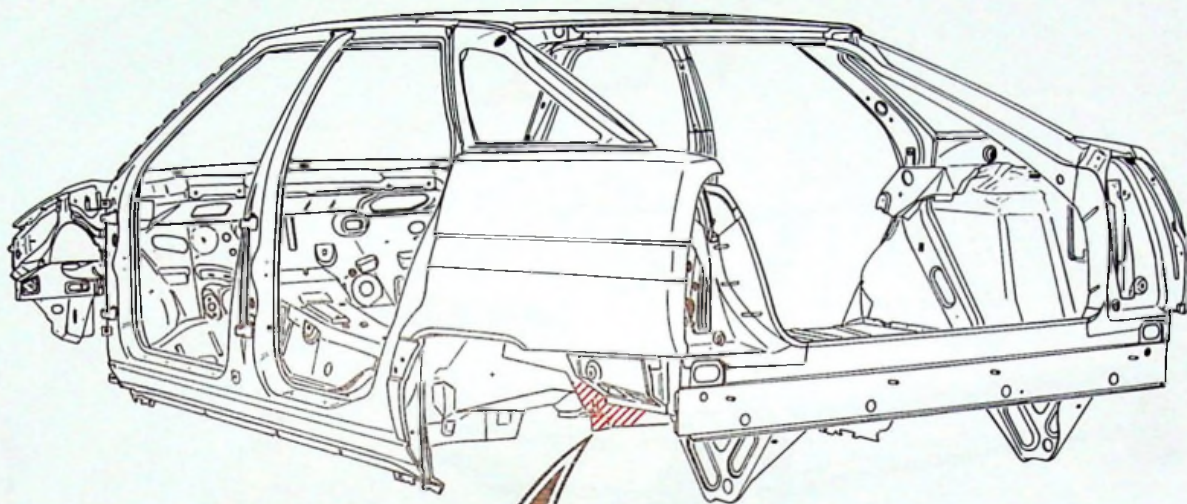


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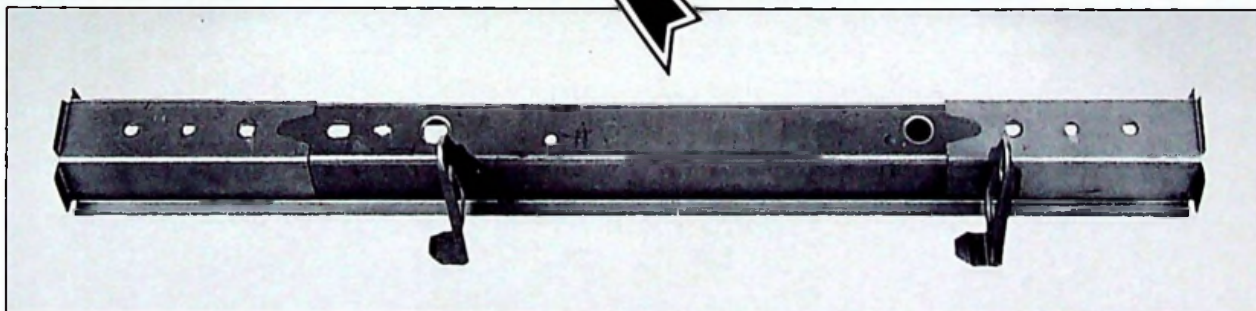


XM
831-3/3

1



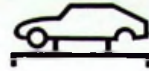
Y. 80-2



88-551



14

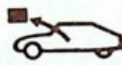


XM
831-3/3

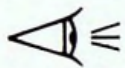
3



88-357



1-2-3-4-5



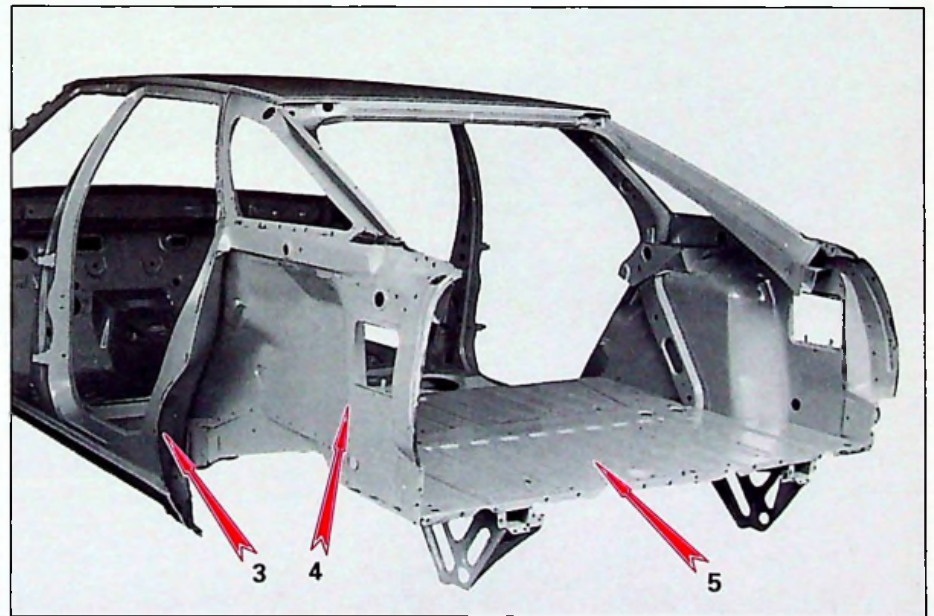
1 - XM 822-3/1

2 - XM 823-3/3

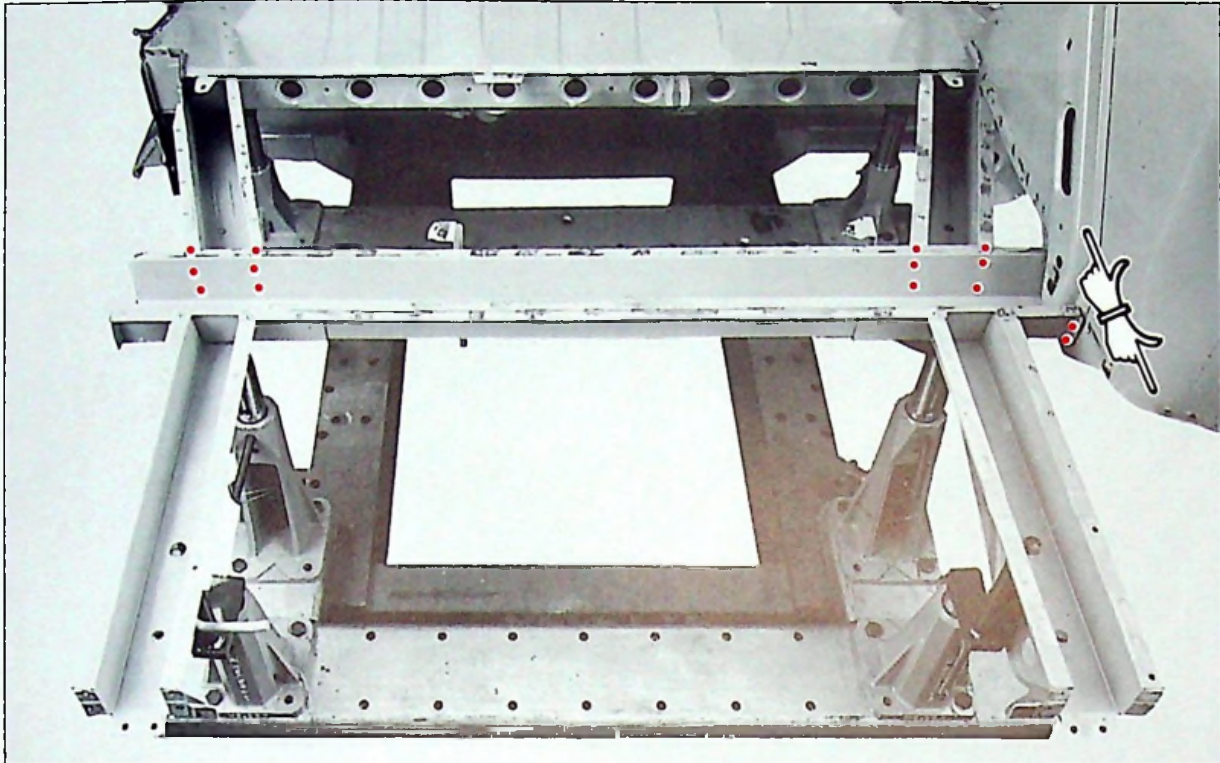
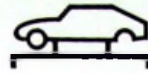
3 - XM 821-3/7

4 - XM 822-3/3

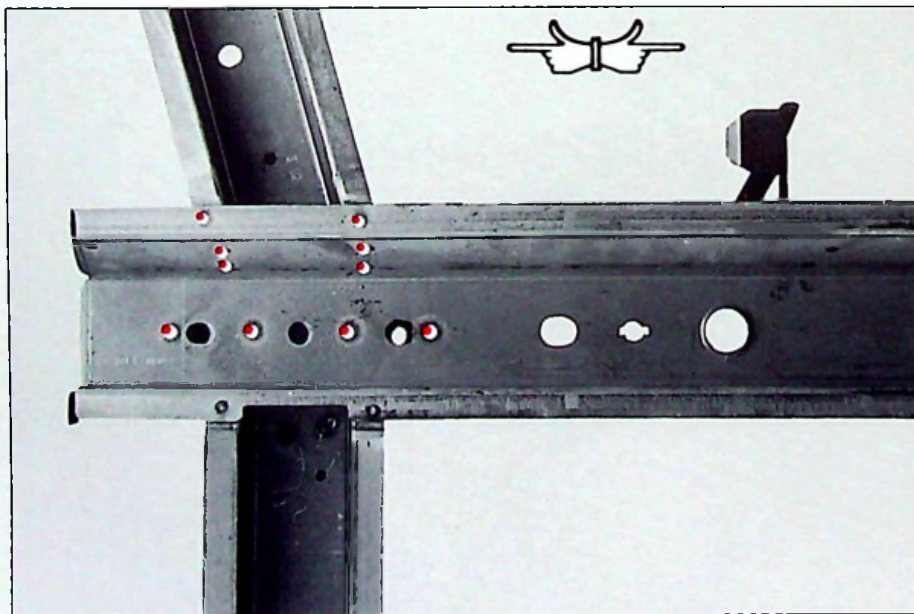
5 - XM 831-3/1



88-542



89-733



89-768



14

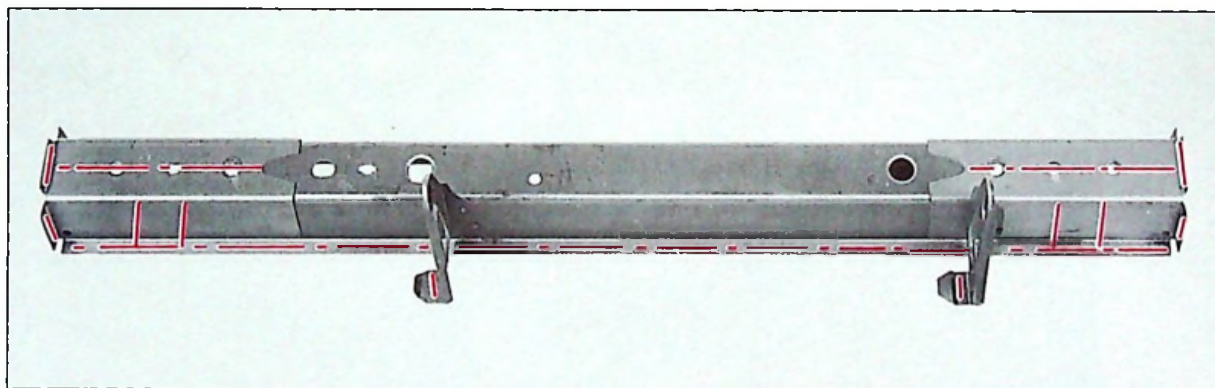


XM
831-3/3

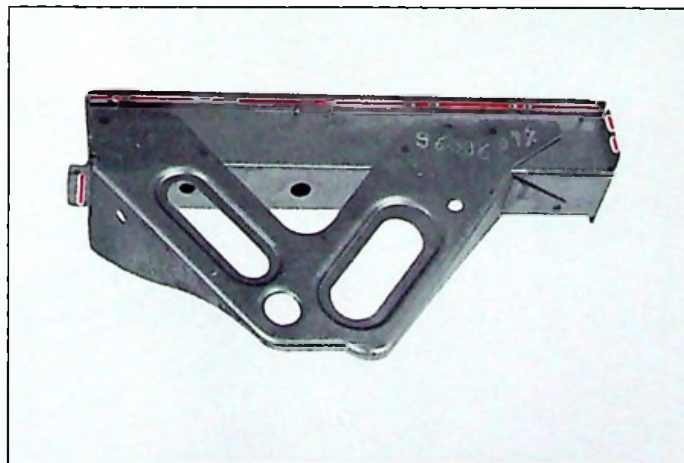
5



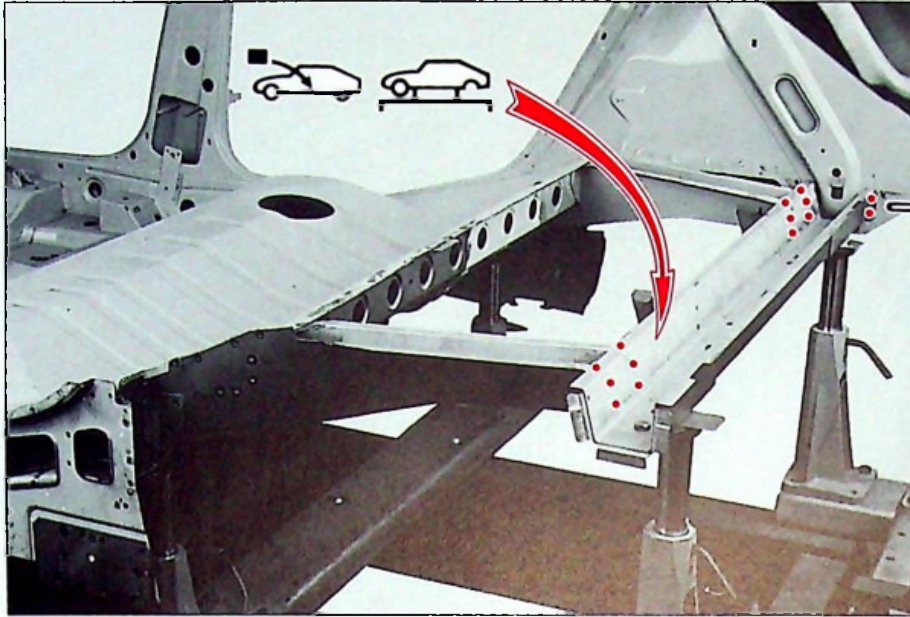
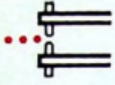
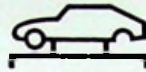
89-764



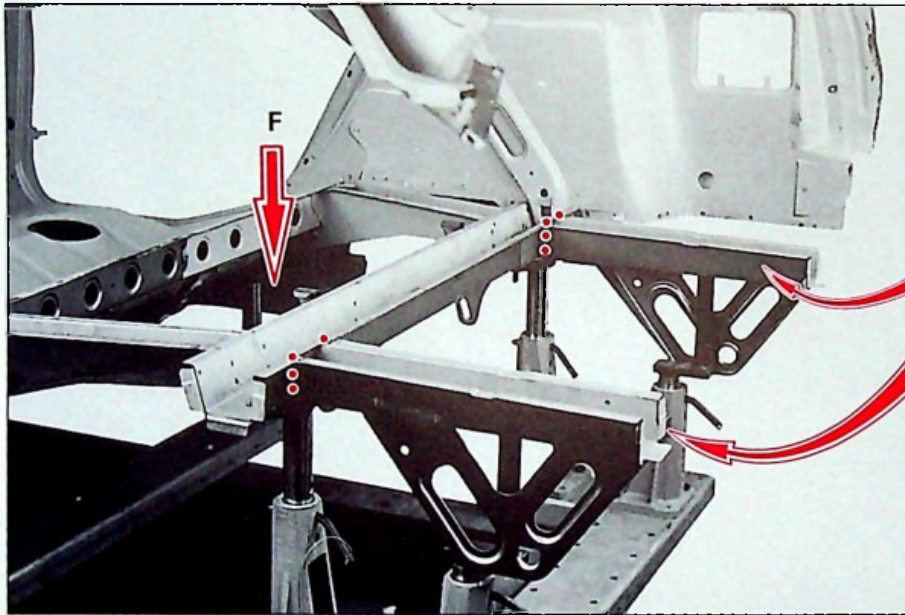
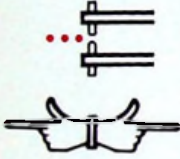
88-551



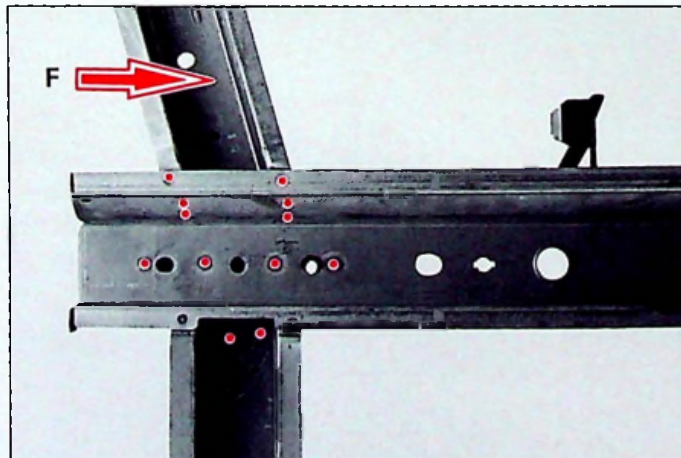
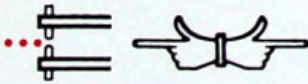
88-552



89-766



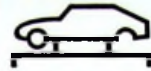
89-761



89-768

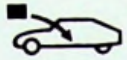


14

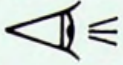


XM
831-3/3

7



1 - 2 - 3 - 4 - 5



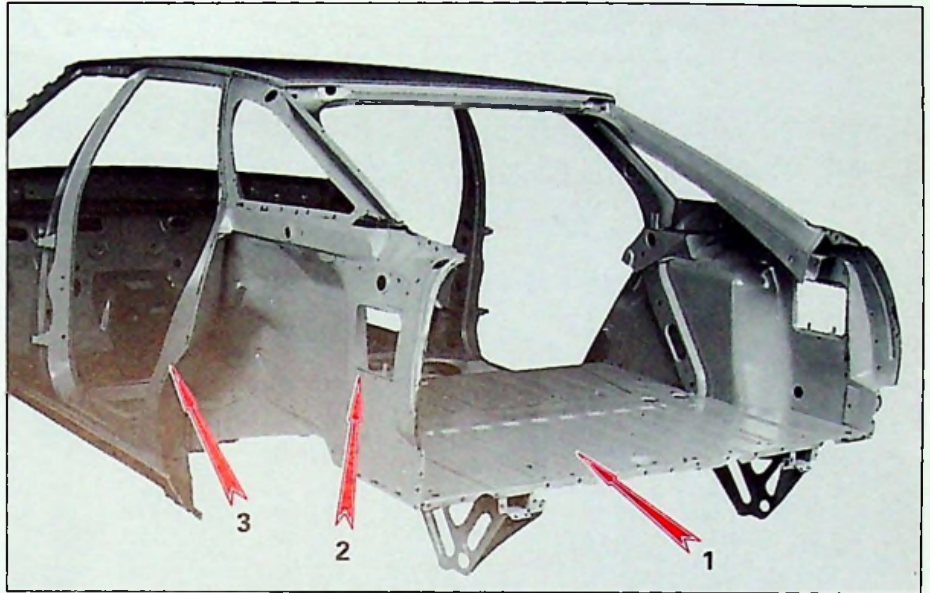
1 - XM 831-3/1

2 - XM 822-3/3

3 - XM 821-3/7

4 - XM 823-3/3

5 - XM 822-3/1



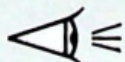
88-542



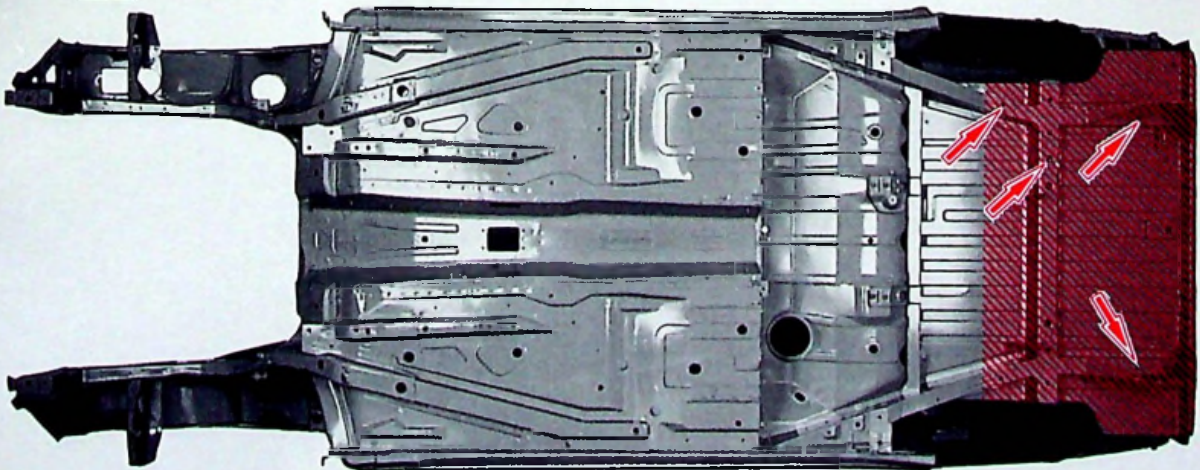
88-357



C1



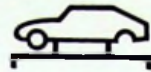
XM 800-00/3



88-374

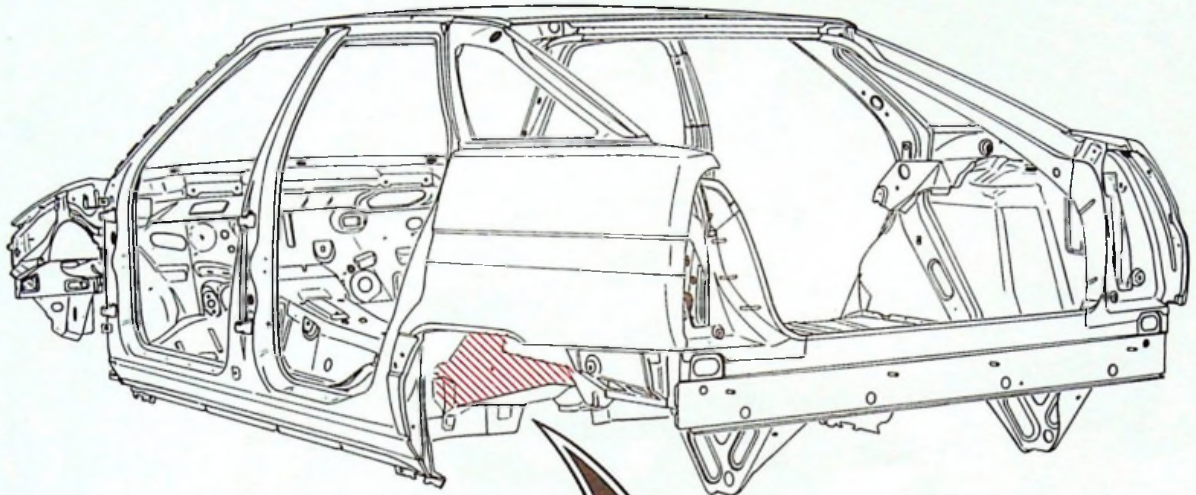


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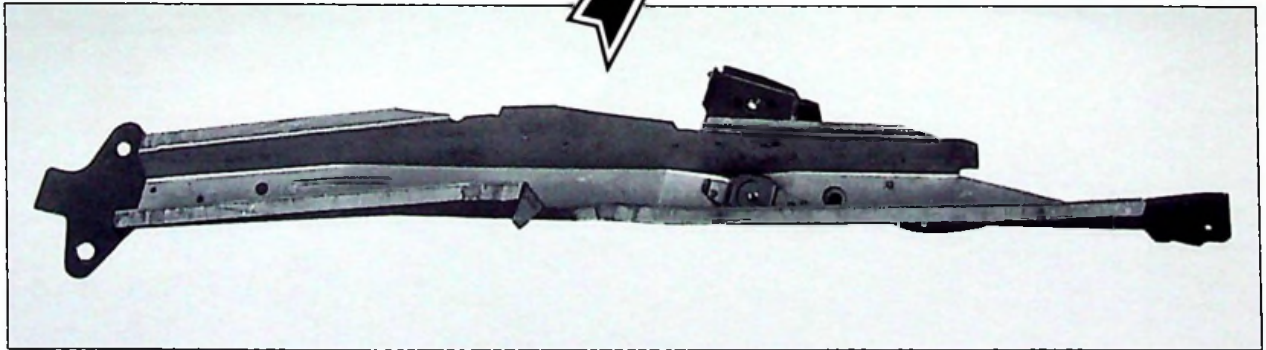


XM
831-3/4

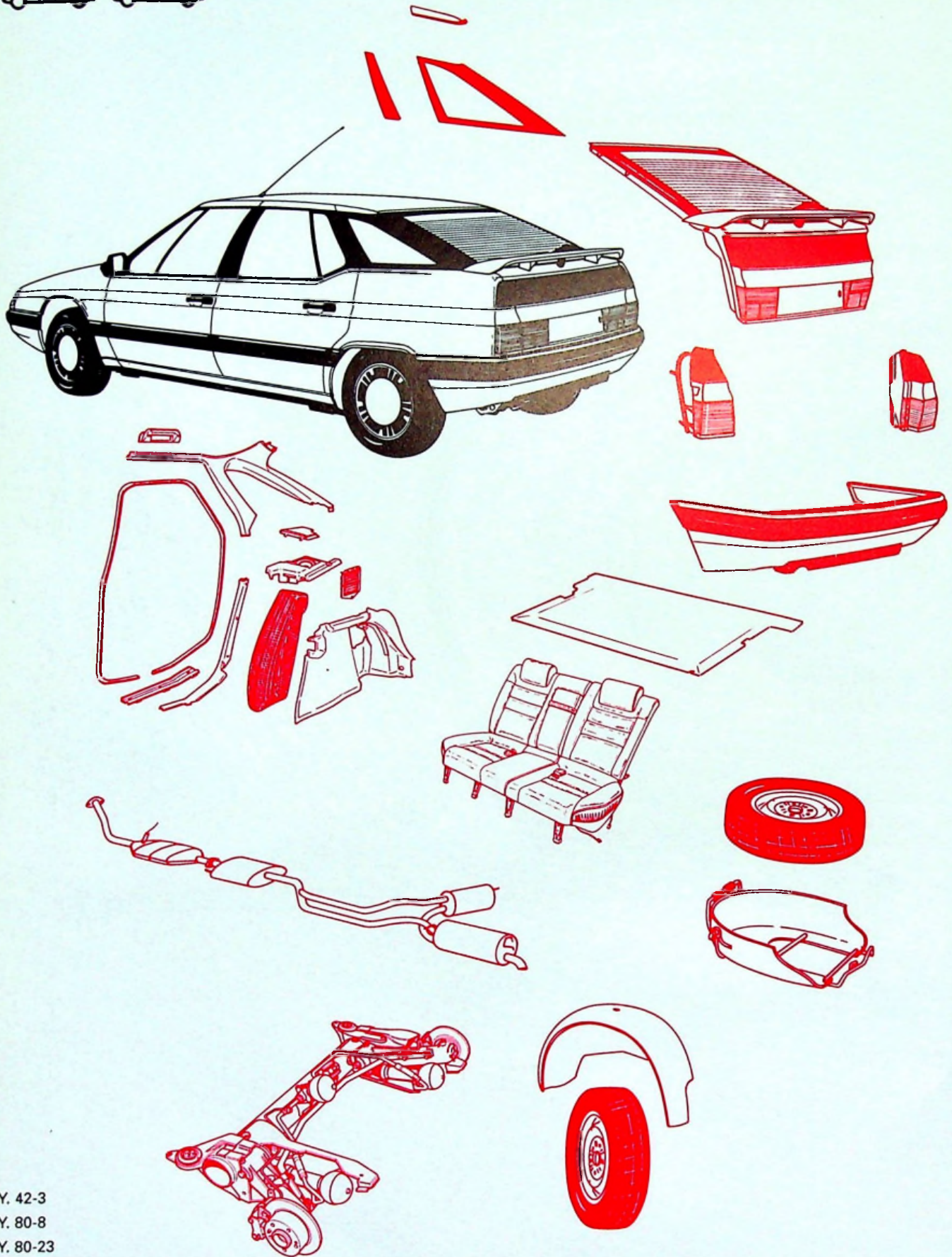
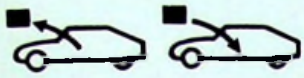
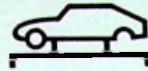
1



Y. 80-1



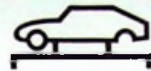
88-565



- Y. 42-3
- Y. 80-8
- Y. 80-23
- Y. 80-24
- Y. 80-27



14

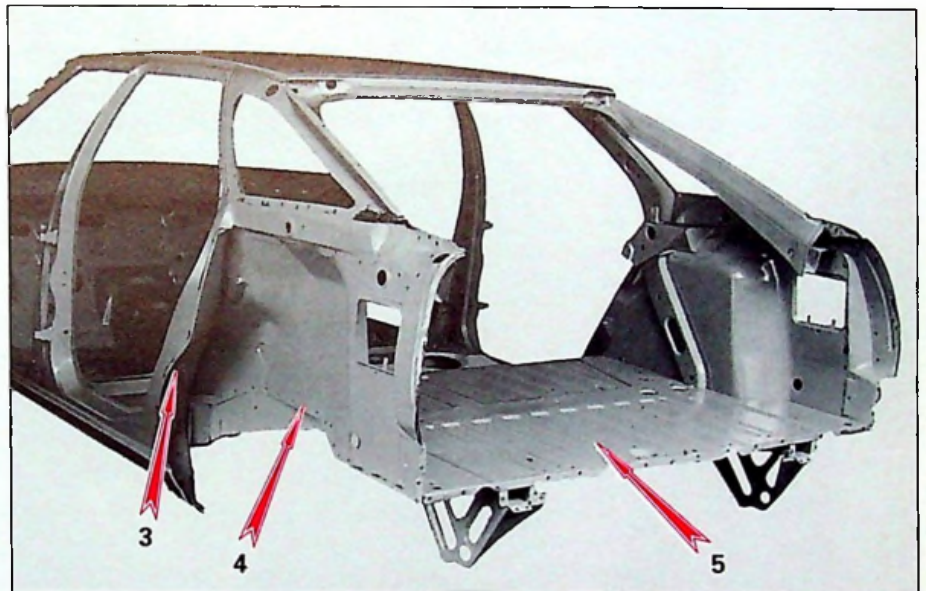


XM
831-3/4

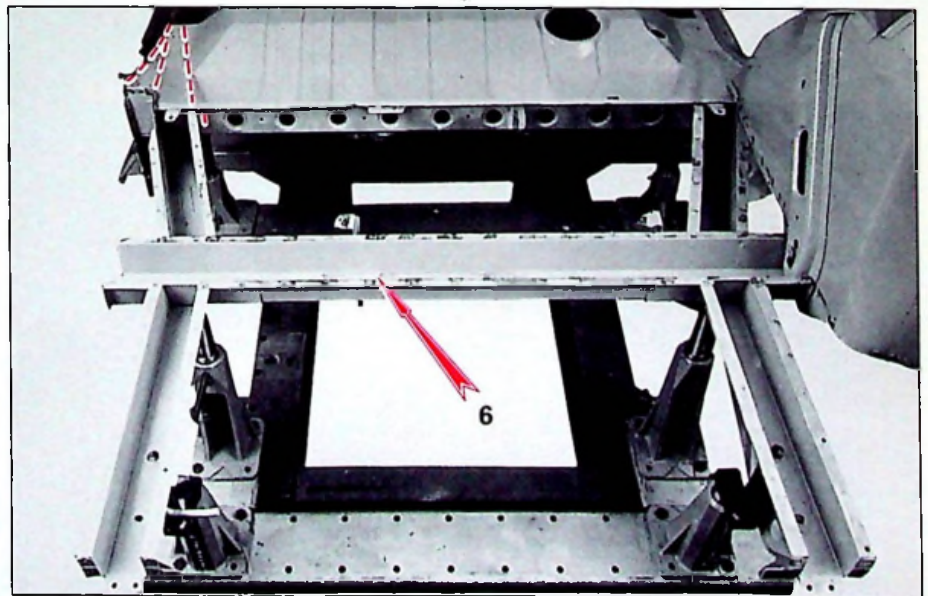
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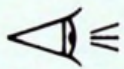
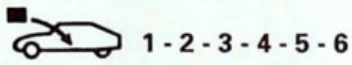
88-357



88-542



89-733



1 - XM 822-3/1

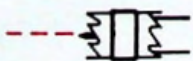
2 - XM 823-3/3

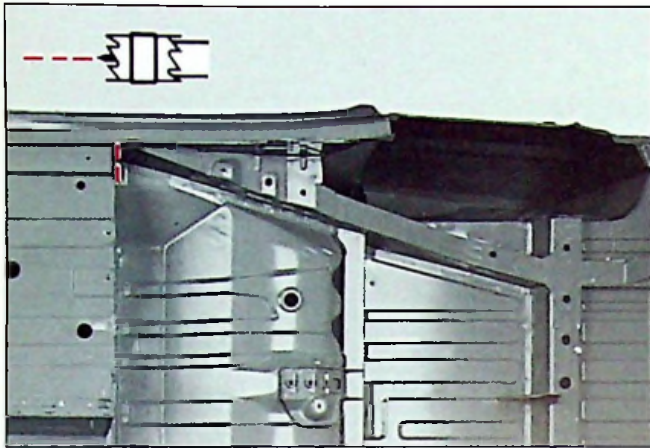
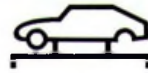
3 - XM 821-3/7

4 - XM 822-3/3

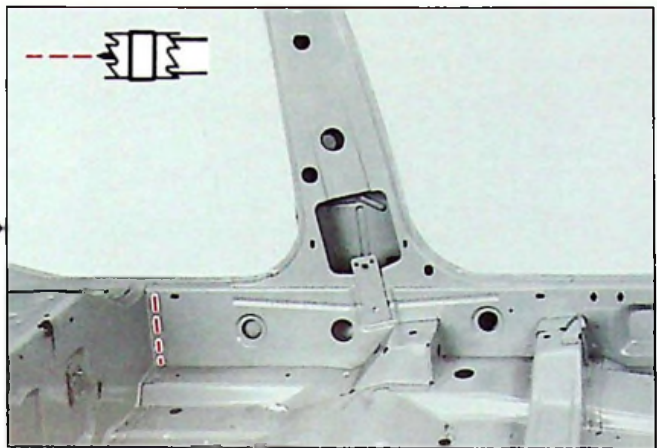
5 - XM 831-3/1

6 - XM 831-3/3

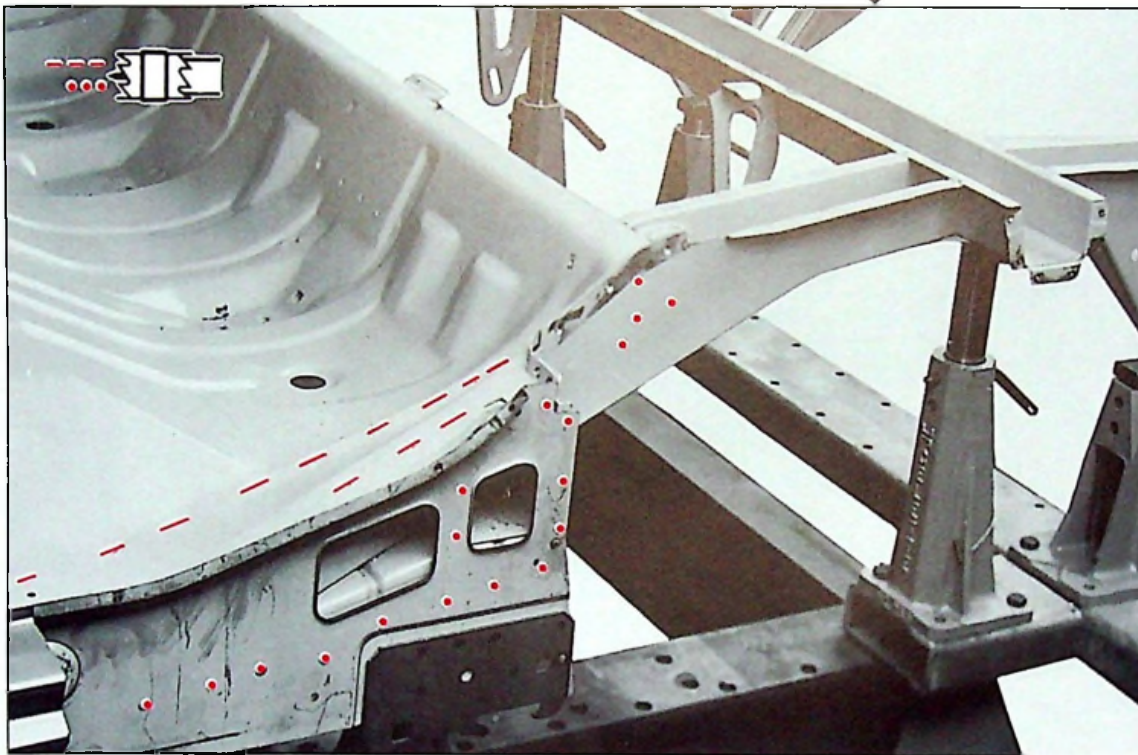




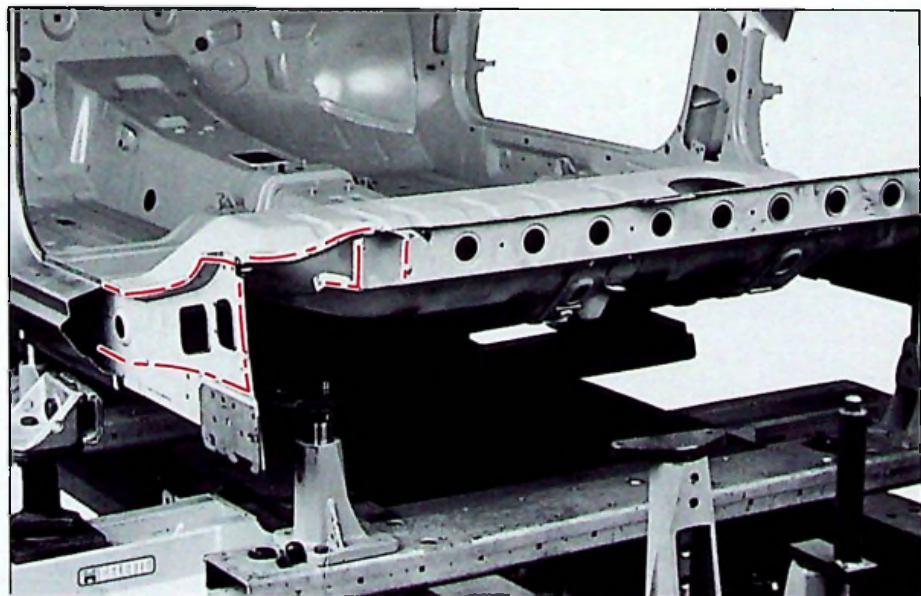
88-374



88-379



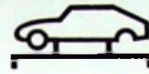
89-732



89-737

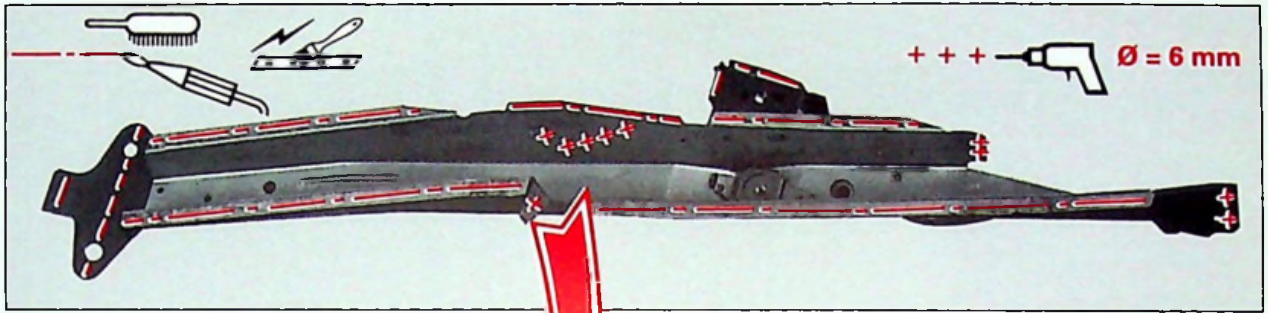


14

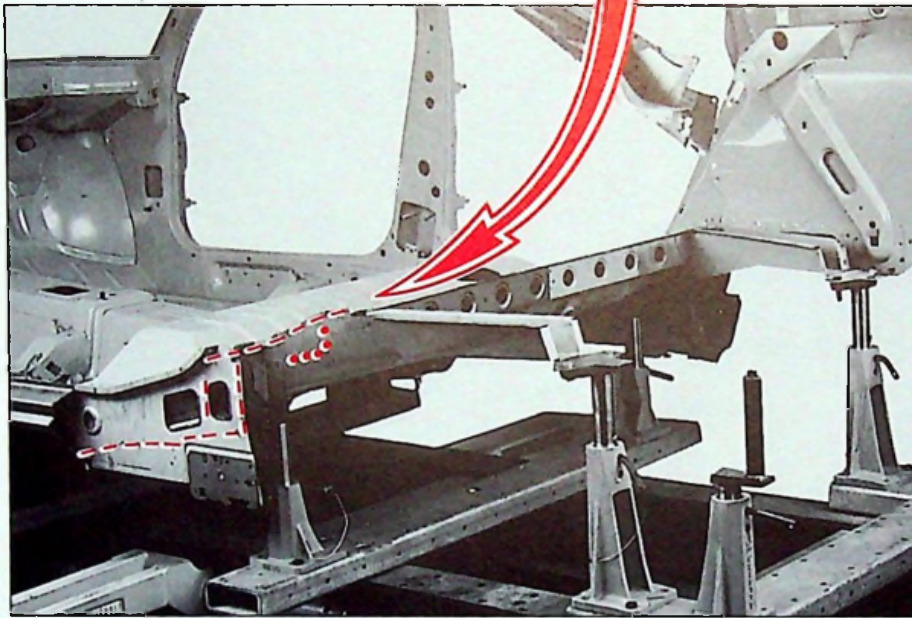


XM
831-3/4

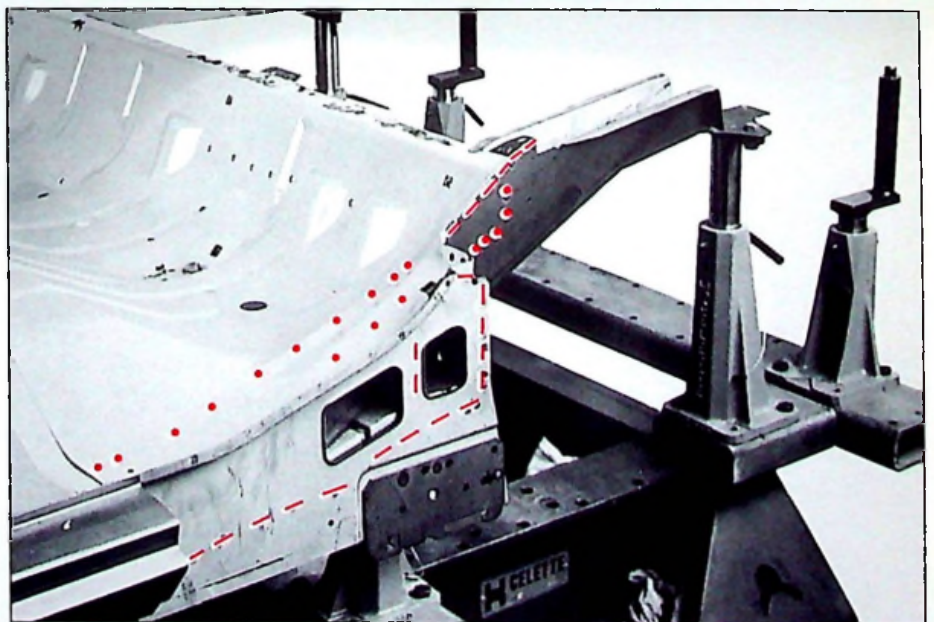
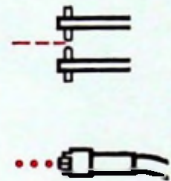
5



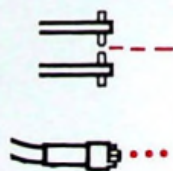
88-565

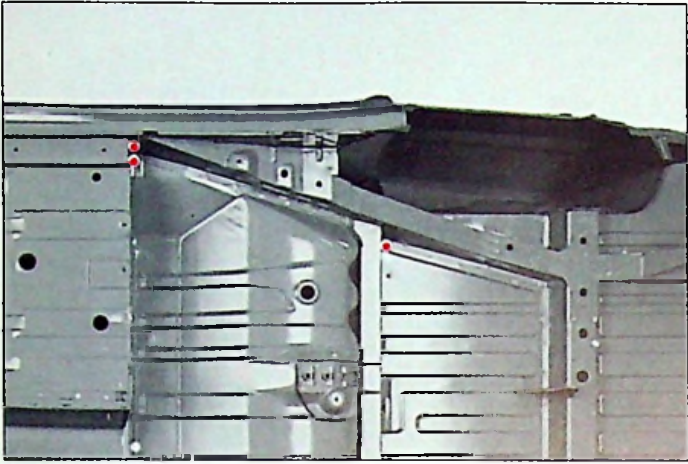
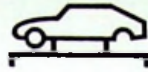


89-764

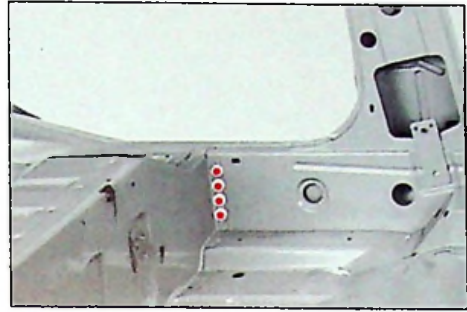


89-762

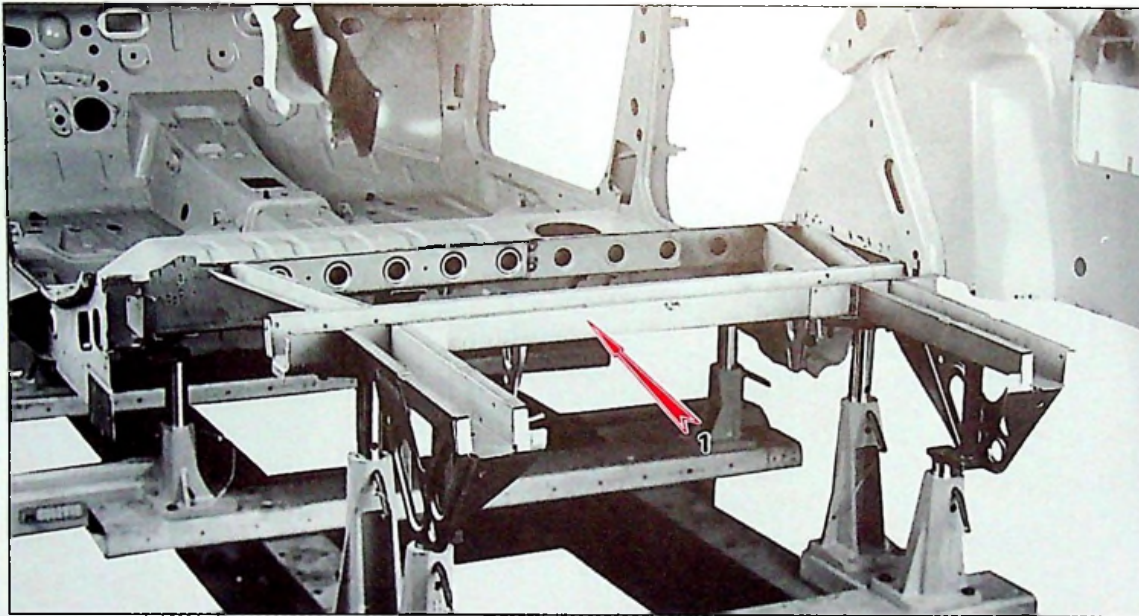




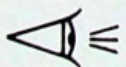
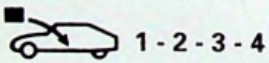
88-374



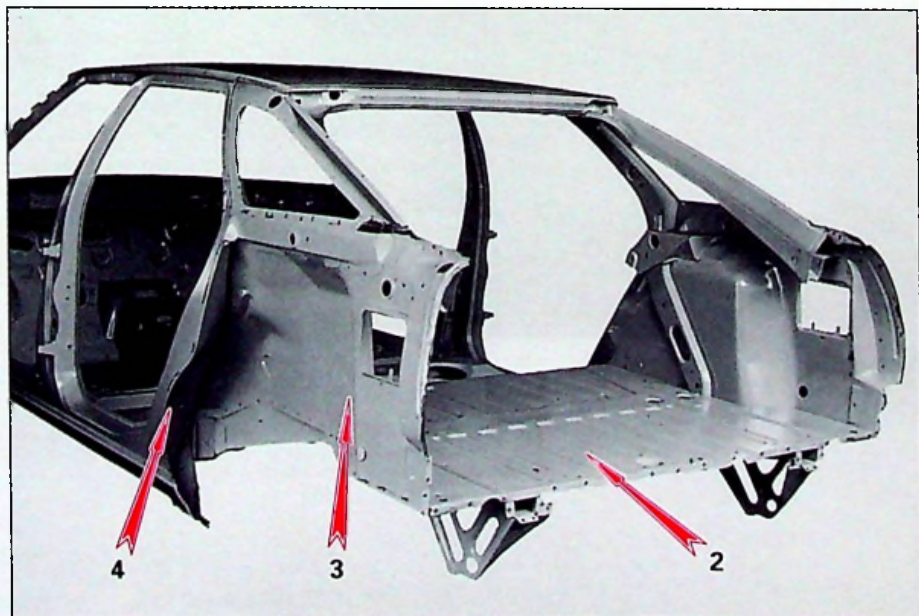
88-379



89-767



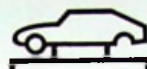
- 1 - XM 831-3/3
- 2 - XM 831-3/1
- 3 - XM 822-3/3
- 4 - XM 821-3/7



88-542



14

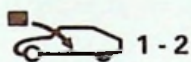


XM
831-3/4

7

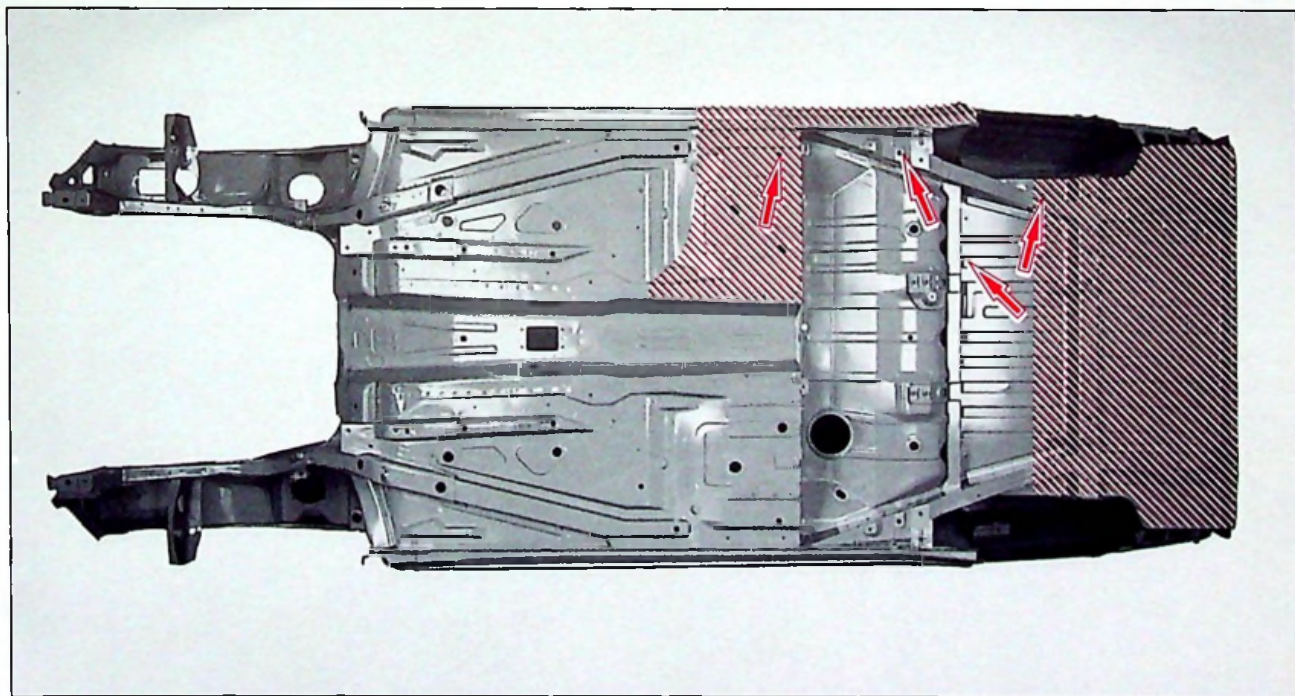


88-357

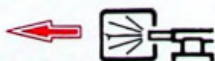


1 - XM 823-3/3

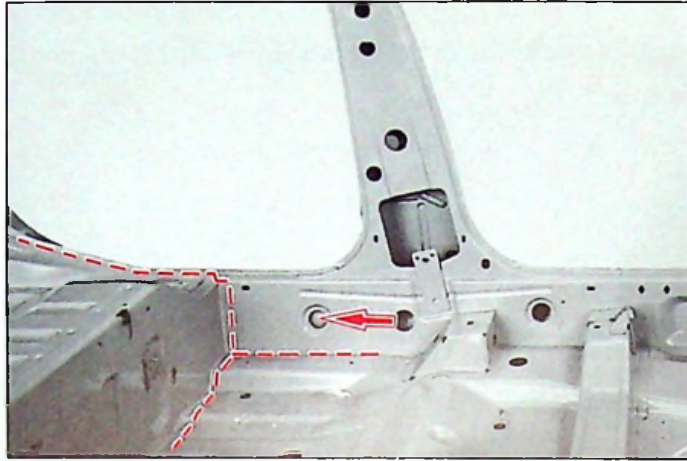
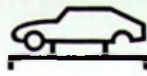
2 - XM 822-3/1



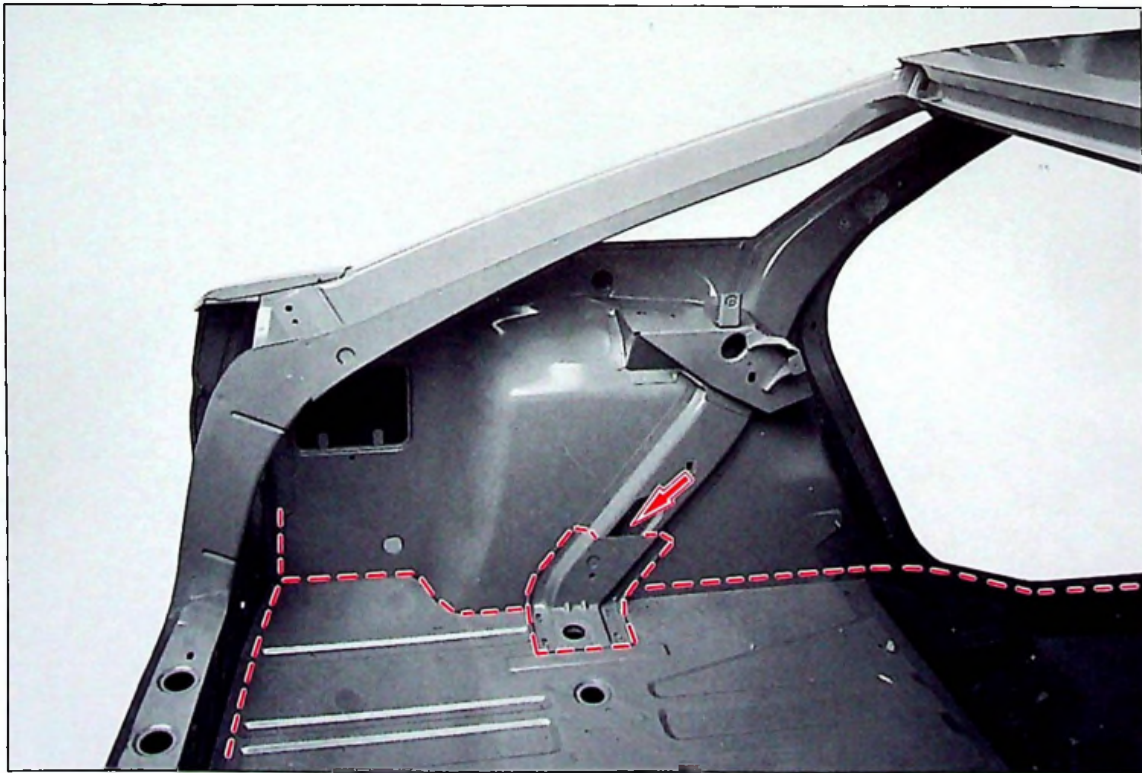
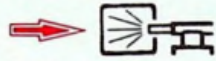
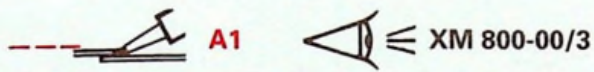
88-374



XM 800-00/3



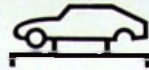
88-379



88-870

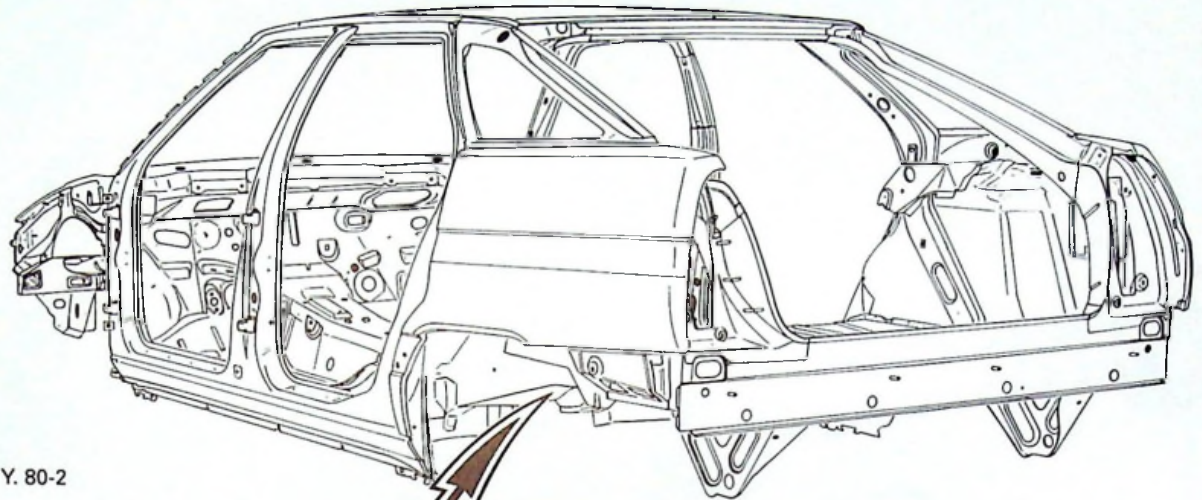


14

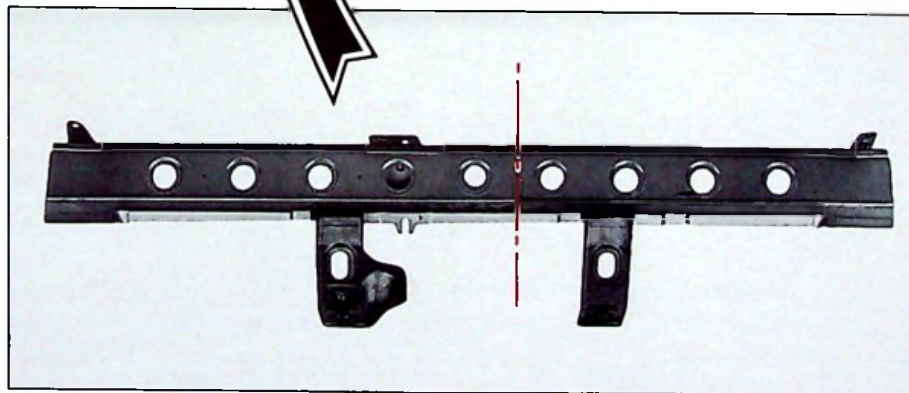


XM
831-3/5

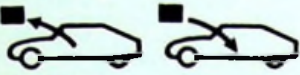
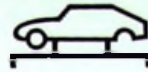
1



Y. 80-2



89-738



- Y. 42-3
- Y. 80-8
- Y. 80-23
- Y. 80-24
- Y. 80-27



14

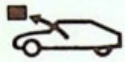


XM
831-3/5

3



88-357



1 - 2 - 3 - 4 - 5 - 6



1 - XM 822-3/1

2 - XM 823-3/3

3 - XM 821-3/7

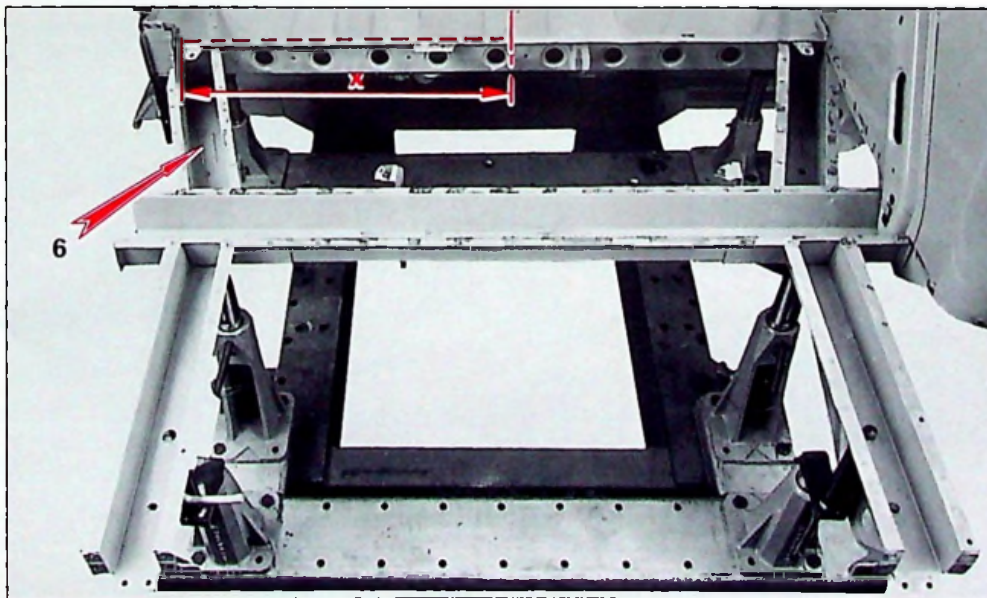
4 - XM 822-3/3

5 - XM 831-3/1

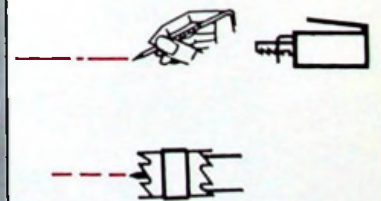
6 - XM 831-3/4

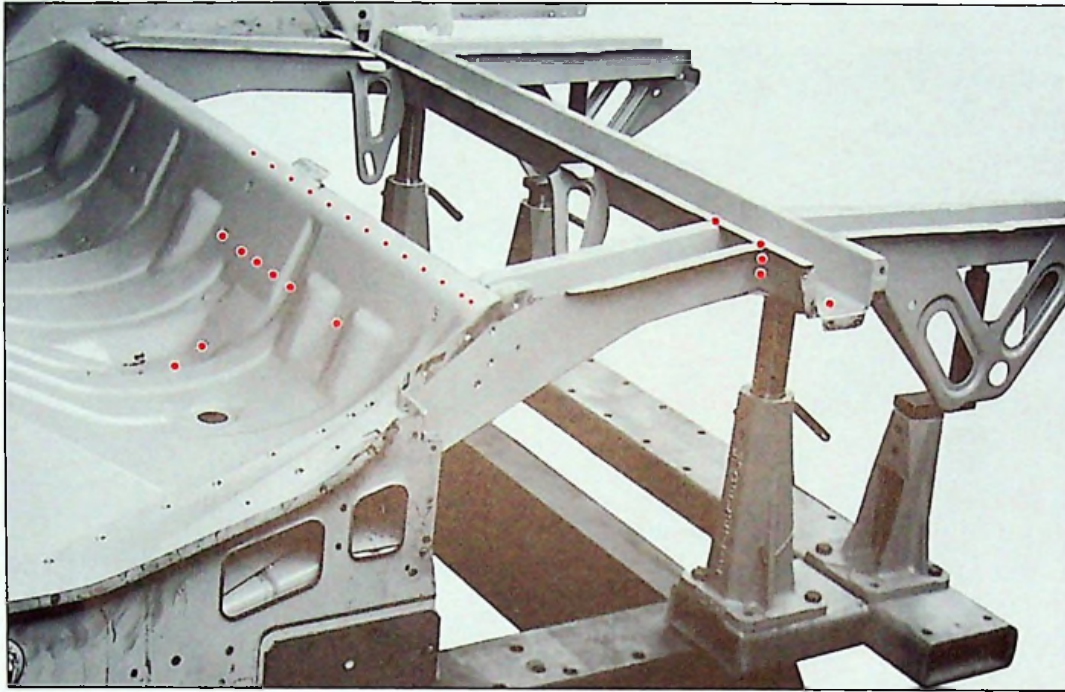


88-542

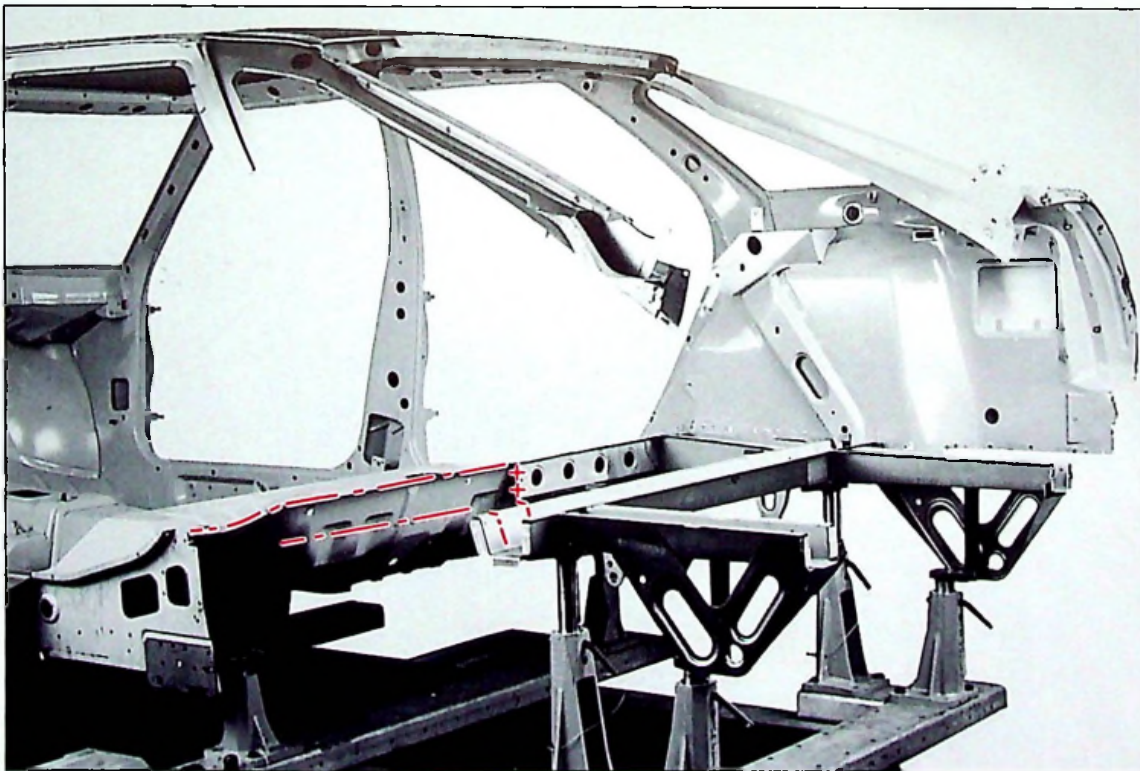


89-733

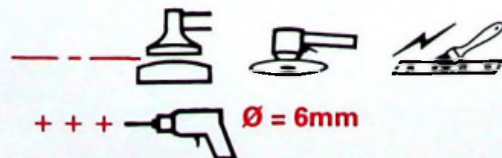




89-732

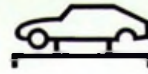


89-763



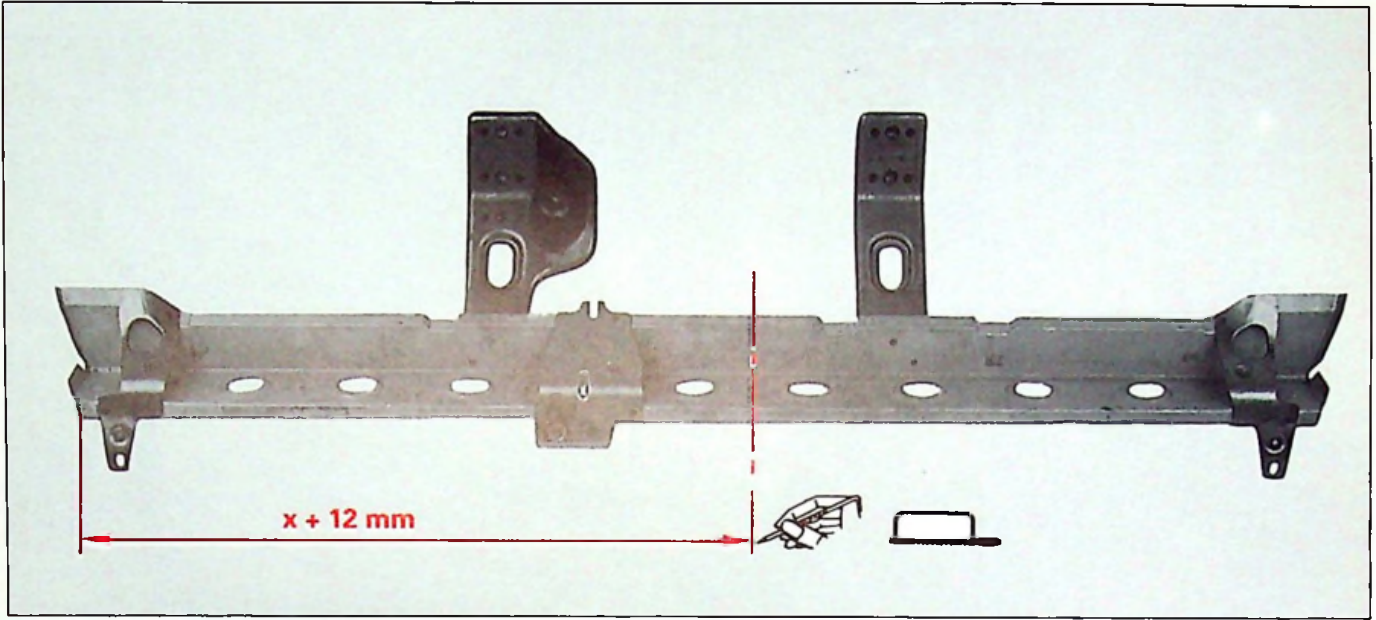


14

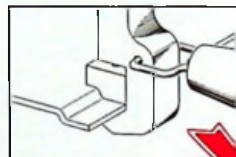


XM
831-3/5

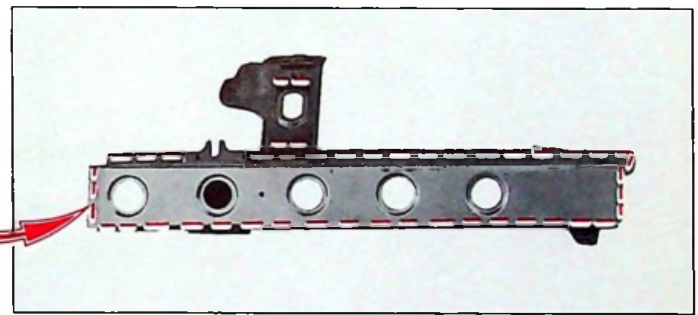
5



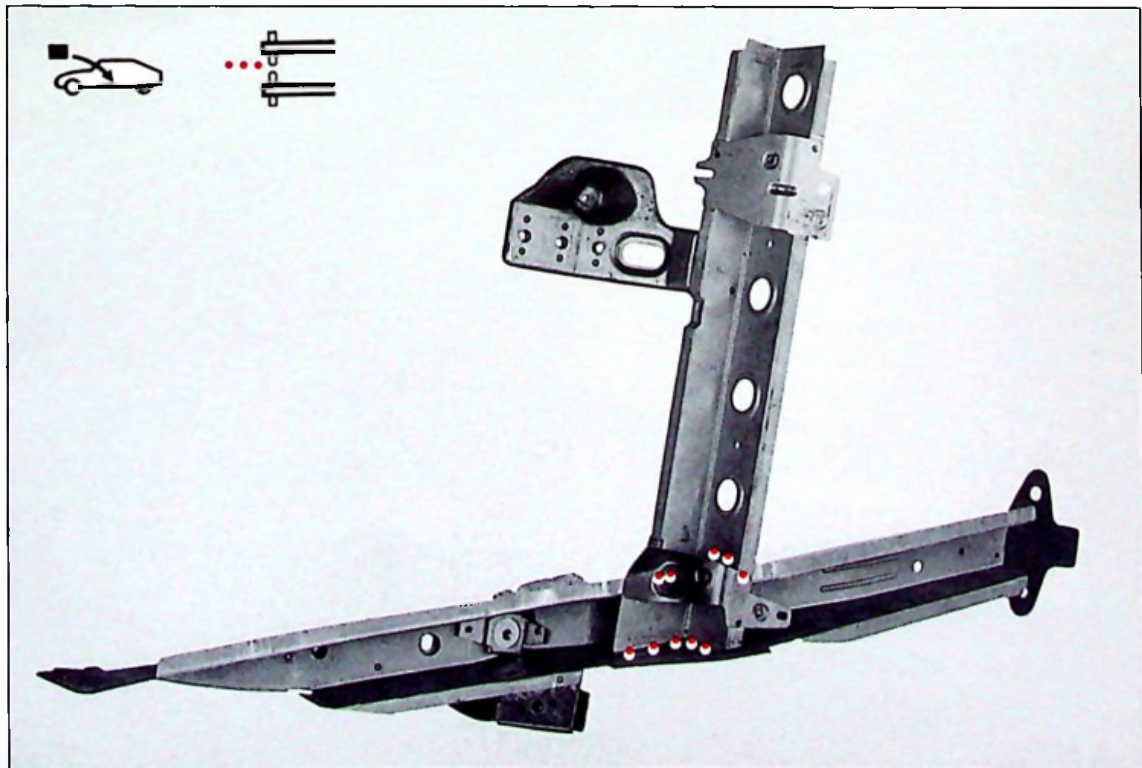
89-739



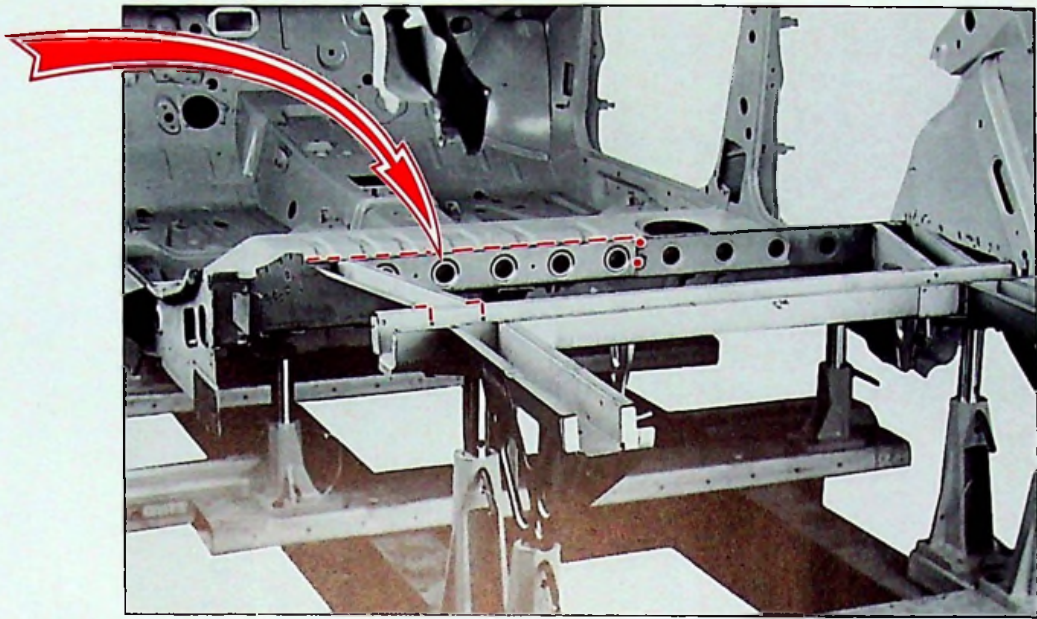
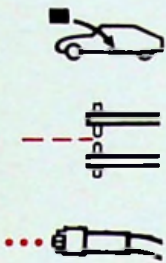
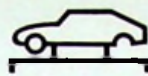
TT. 80-17



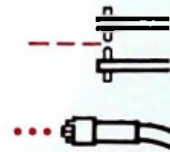
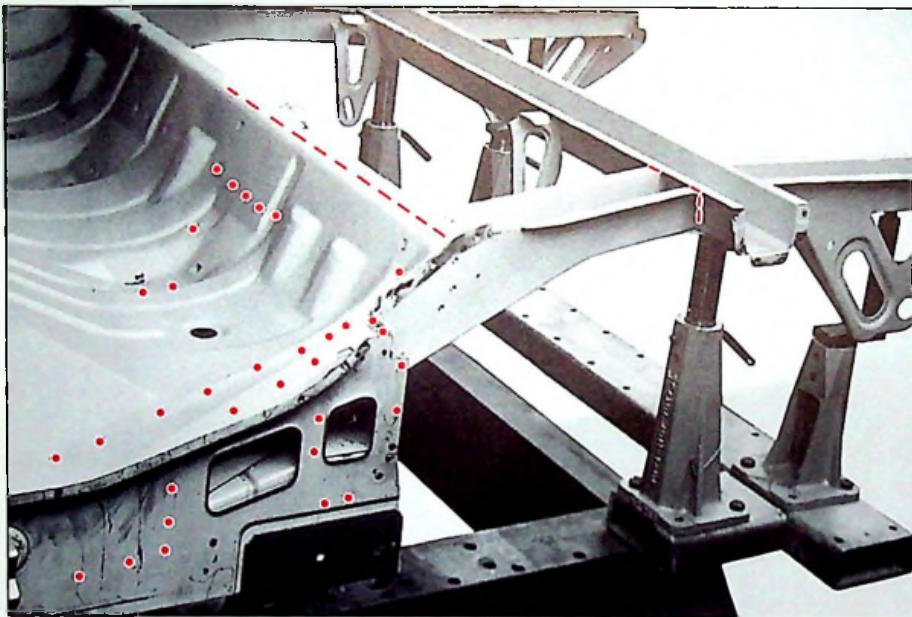
89-746



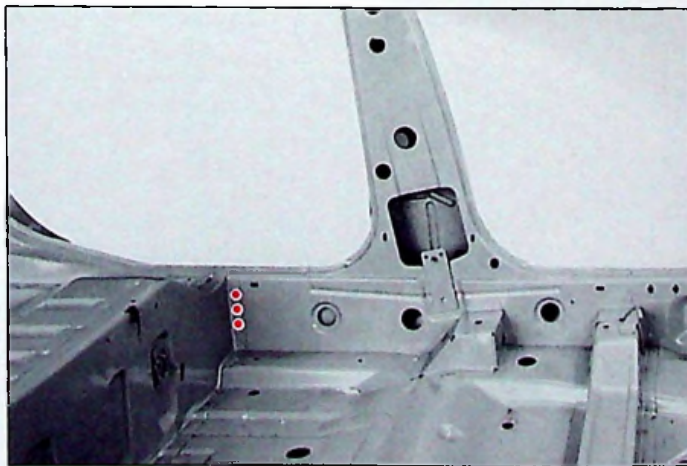
89-758



89-767



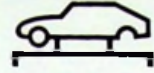
89-732



88-379

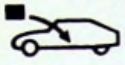


14



XM
831-3/5

7



1 - 2 - 3 - 4 - 5



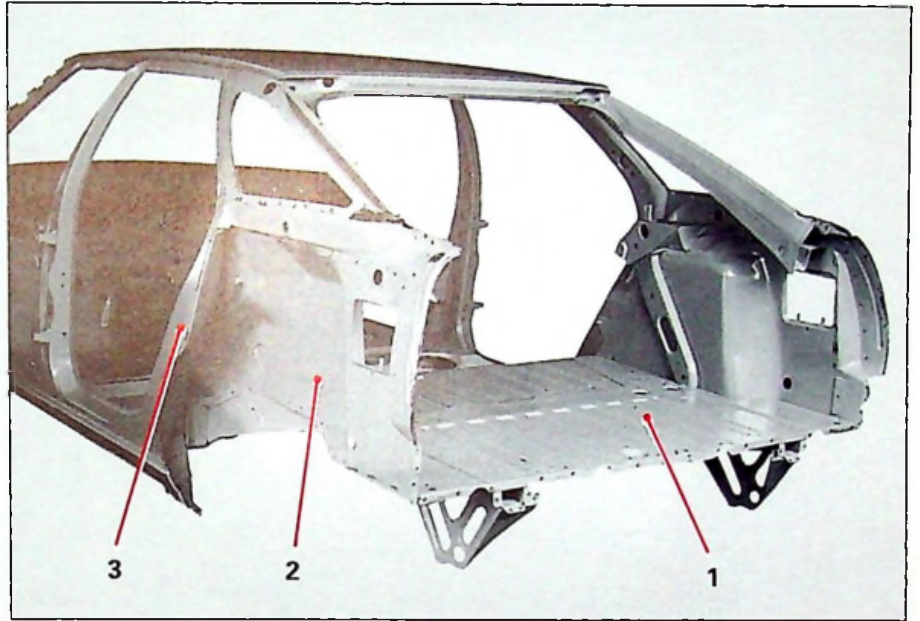
1 - XM 831-3/1

2 - XM 822-3/3

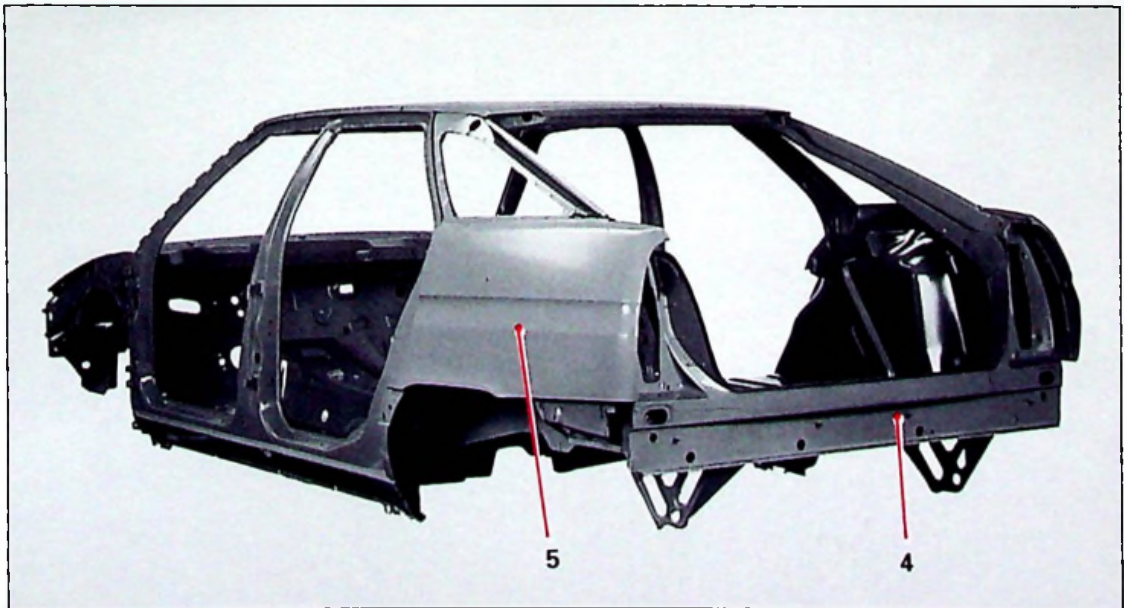
3 - XM 821-3/7

4 - XM 823-3/3

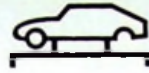
5 - XM 822-3/1



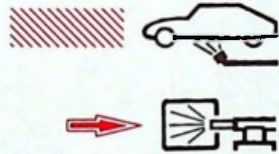
88-542



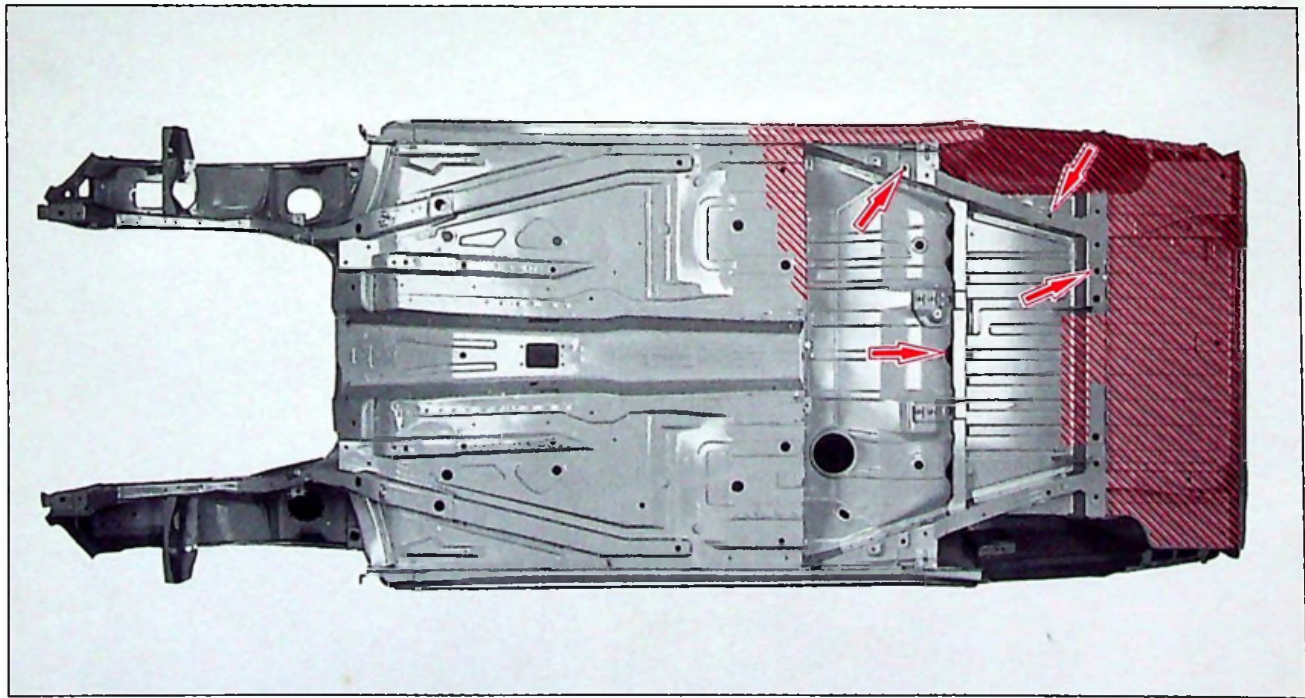
88-357



88-357



XM 800-00/3



88-374