

Land Rover Defender 110 Station Wagon.

Remove all rear seats and rear seat belt rails, if fitted.

Remove rear door check straps from body end only, and modify as per drawing RBL11FI2 - ensure door and body do not contact by inserting soft pad such as card or carpet.

Remove inertia reel bolts from upper mountings on 'B' posts, remove reels from mounts, insert 1 x 7/16" bolts & washers supplied into body holes & tighten.

Remove & discard check strap angle and replace & tighten existing bolts & washers.

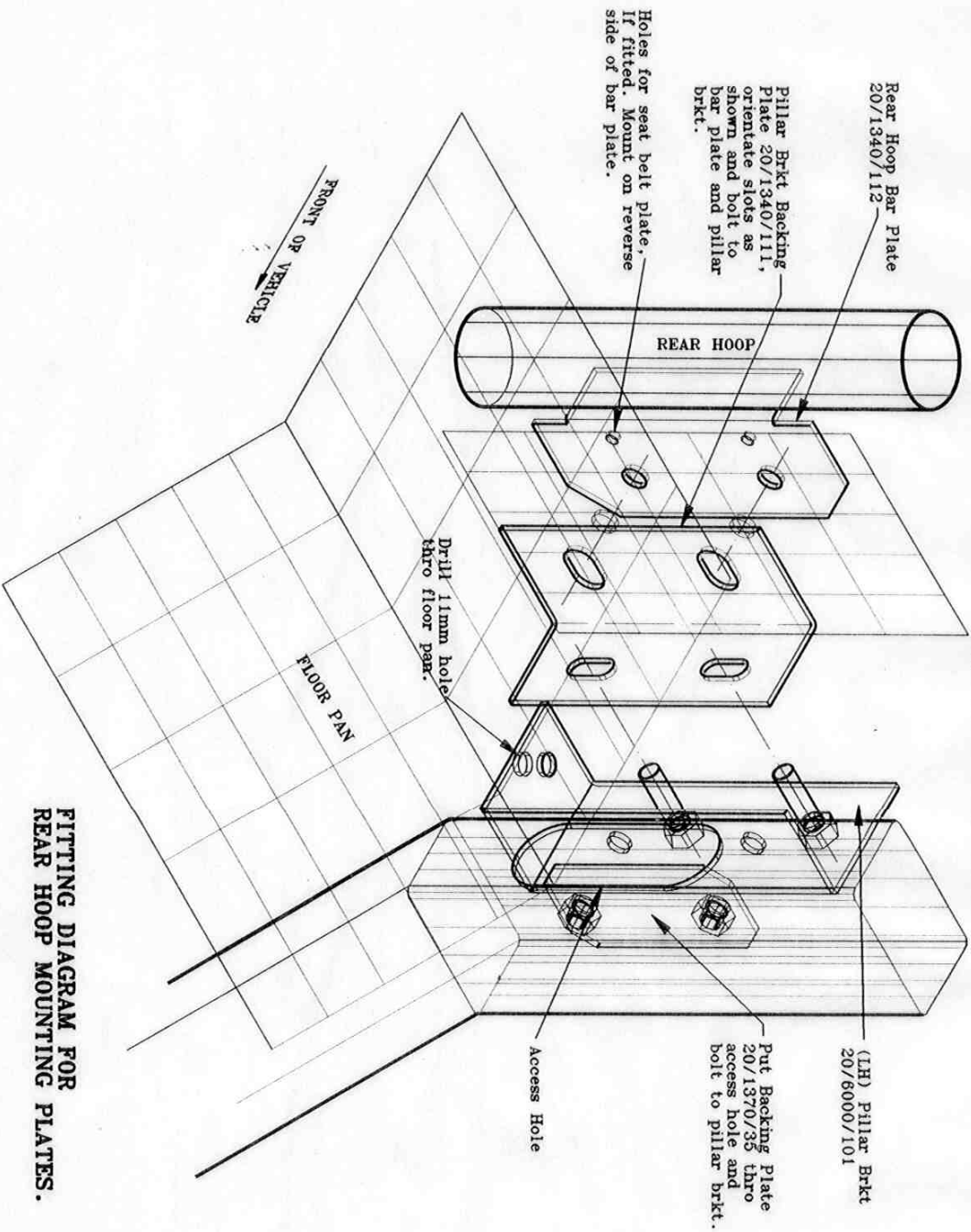
Fold front seats forward.

Place spacers over 'B' post belt mounting holes and secure with adhesive.

Put Front hoop in through left rear door, right foot first, upright at first, then gradually lean bar forward at the same time move right foot rearwards so that left foot enters through the door. Continue to rotate bar so that right foot is temporarily positioned to the rear of left foot, both being approx. against the inside of the left body side, the hoop now being laid down, with the belt straps downwards against the floor. Next, lift the rearward part up towards the roof, then rotate the right hand side of the hoop forwards towards the right hand side of the vehicle, continue, gradually raising the top of the hoop towards the roof so that the right hand foot, then the left hand foot, drop into rear footwell. Rotate backwards into position. Belt straps should be opposite 'B' post mountings and feet against rear of 'B' post bulkhead in rear footwell.

Put 1 1/2" x 7/16" bolts and washers supplied through 'B' post belt mounts, do not tighten yet. Assemble modified door check straps to angles on base of hoop, using M6 nuts, bolts & washers supplied. If the rear doors are now opened, this will pull the base of the hoop outwards, the correct position being where the outer edges of the bar feet are approx 5 mm. away from the carpet securing 'Z' section. Wedge hoop feet forward against bulkhead. Drill through holes in feet, through floor, into top hat sections beneath floor. Holes should be midway between top hat centre dimple and inner face of top hat section. Slide 4 machined aluminium spacers supplied between floor and top hat sections, drop bolts with washers through bar foot, floor, tophat section, and assemble nuts & washers to bolts and loosely bolt up.

Rear Hoop. Refer to drawing RBL11FI1. Put hoop inside vehicle, locate in position. Occasionally, the hoop needs spreading slightly, use a piece of wood cut to length and wedged in position. The outer face of bar tubes should just touch the inner waist rail & bar plate holes should match holes in aluminium body side web. If no holes exist, drill through and note that no holes will be present in pillar either, so position pillar bracket and drill through web holes into pillar. Insert backing plate 20/1370/35 inside pillar through access hole, first blocking lower portion of pillar with rag to prevent backing plate from dropping through. Loosely bolt to pillar bracket 20/6000/101, then put plate 20/1340/111 onto bolts of 20/6000/101, fit penny washers and nuts & tighten. Bolt through hoop plate 20/1340/112. Tighten all nuts & bolts. Drill through bracket 20/6000/101 into wheel arch and bolt through. Assemble roof bars and lightly bolt in position. Tighten all floor mountings, then fully tighten all roof bar connections. Replace seats, belts and trim as required.

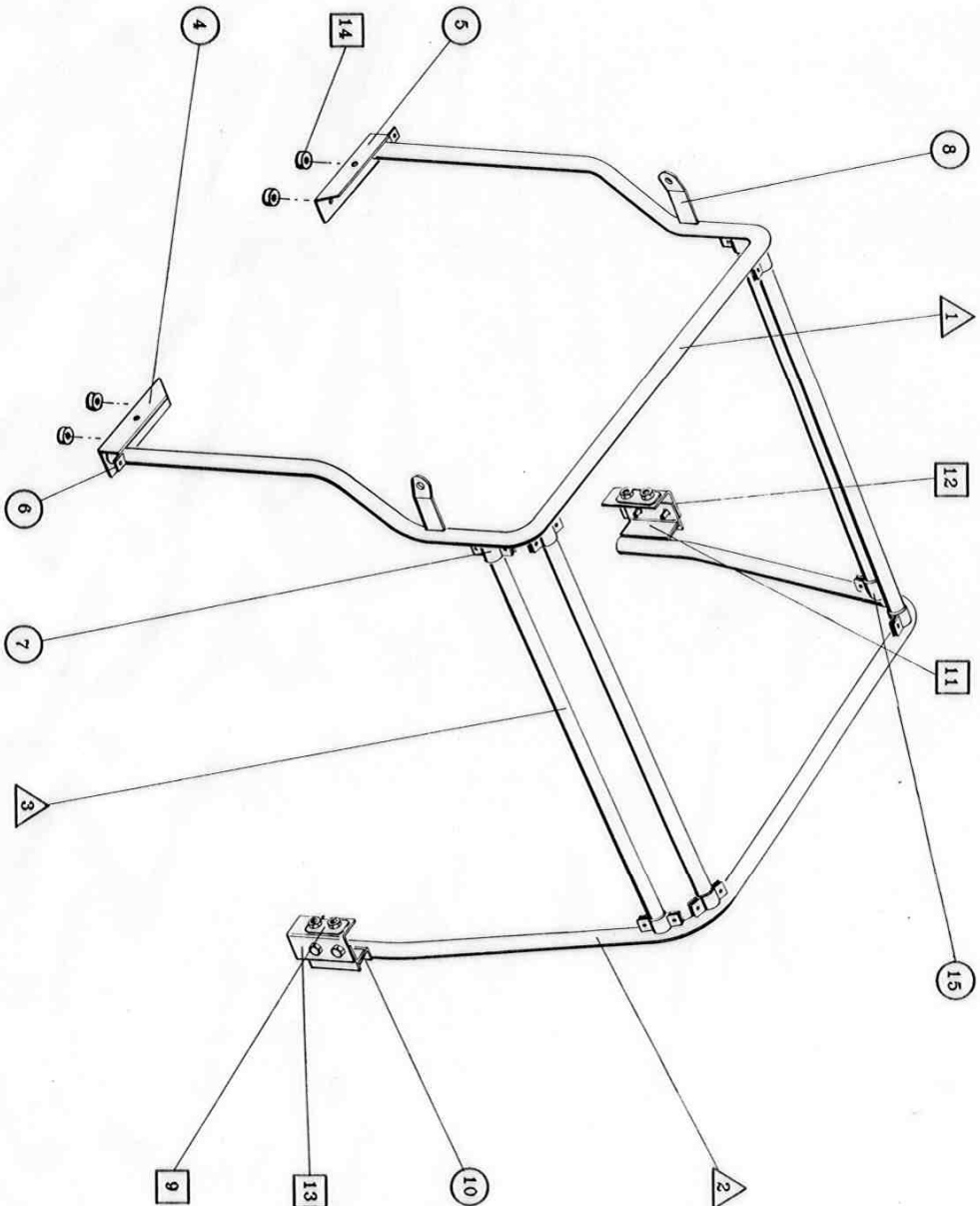


FITTING DIAGRAM FOR
 REAR HOOP MOUNTING PLATES.

All Tolerances Unless Otherwise Stated:		DO NOT SCALE REMOVE SHARP EDGES IF IN DOUBT ASK		Drawn By : R. HALE		Matl. Desc.:		Description :	
LINEAR: No Decimals : ± 1 mm Decimals : ± 0.5 mm ANGULAR: ± 0.5 Degrees		THIRD ANGLE		Date Drawn : 1/3/96		Matl. Spec.:		Vehicle : L/ROVER DEF110 S/MACON	
				Scale 1 : 1		Finish :		Part Number : RBL11F11	

Part Number : RBL116SSS

Item Qty	Part Number	Description
1	RBL116BH	MAIN 'B' POST HOOP
2	RBL116CH	MAIN 'C' POST HOOP
3	RBL116CR	CANT RAILS
4	20/6700/05	'B' HOOP BAR PLATE ASSY-LH
5	20/6700/04	'B' HOOP BAR PLATE ASSY-RH
6	28/1200/06	DOOR CHECK BRACKET
7	20/2340/177	38mm SMALL SADDLE BRKT
8	20/2347/09	SEAT BELT BRACKET
9	20/1370/35	PILLAR BRKT BACKING PLATE
10	20/1340/112	'C' POST BAR PLATE
11	20/1340/111	BACKING PLATE
12	20/6000/100	RH-PILLAR BRKT ASSY
13	20/6000/101	LH-PILLAR BRKT ASSY
14	26/2020/03	UNDER FLOOR SPACERS
15	20/2340/212	38mm LARGE SADDLE BRKT



Rev.No.:
Date:

Details:

All Tolerances Unless
Otherwise Stated:
LINEAR:
No Decimals: ±1mm
Decimals: ±0.5mm
ANGULAR:
±0.5 Degrees

DO NOT SCALE
REMOVE SHARP EDGES
IF IN DOUBT ASK



THIRD ANGLE
Scale 1 : 1

Drawn By :
R. HALE
Date Drawn :
29/2/96

Matl. Desc.:
AS PARTS LIST
Vehicle :
L/ROVER DEF110 S/WAGON
Part Number :
RBL116SSS

Safety Devices Ltd.

(Confidential + Copyright)
30 Regal Drive, Soham, Cambs. CB7 5BE.

Code Number : **RBL11** Part Number : **RBL11F12**

REAR BENCH SEAT MODIFICATION

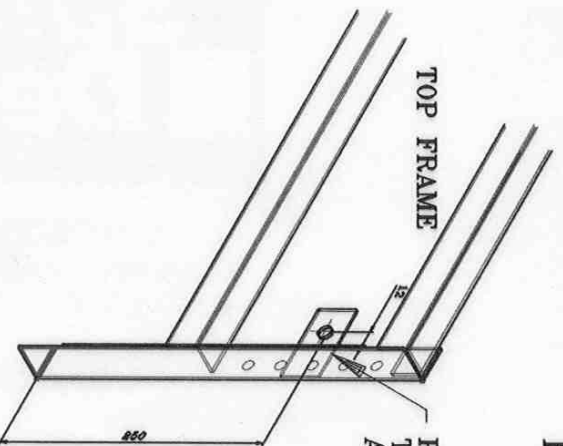
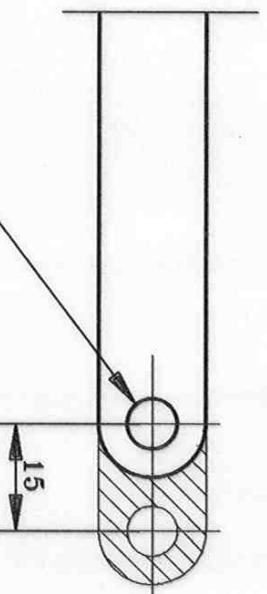


PLATE PT NO 20/2300/261 TO BE WELDED TO 2 SEAT MOUNTING HOLE CENTRE 250mm UP AND 12mm IN, AS SHOWN.

REDUCE 1220mm LONG SEAT BY 175mm, DOWN TO 1045mm. WELD ON PLATE TO PICK UP ORIGINAL 2 SEAT MOUNTING.

REAR DOOR CHECK STRAP MODIFICATION

IMPORTANT:- IF THIS MODIFICATION IS NOT CARRIED OUT BODYWORK DAMAGE WILL OCCUR.



CUT AND REMOVE 15mm FROM EXISTING DOOR CHECK STRAP. RE-DRILL 7mm AND RADIUS END AS SHOWN.

Rev.No.: Details:
Date:

Vehicle :
(L11)DEF110 S/WAGON(12 SEAT)
Description :
REAR SEAT & CHECK STRAP MODS
Matl. Desc.:

Matl. Spec.:

Finish :

DO NOT SCALE
REMOVE SHARP EDGES
IF IN DOUBT ASK
THIRD ANGLE
Date: 4/3/96
Scale 1 : 1



All Tolerances Unless
Otherwise Stated:

LINEAR:
No Decimals: ± 1 mm
Decimals: ± 0.5 mm
HOLES
Diameters: ± 0.1 mm
Centres: ± 0.1 mm
ANGULAR: 0.5 Degree

Code Number : **RBL11** Part Number : **RBL11F12**