

MACK TRUCKS (ALL TYPES)  
FITTING OF AUSTSTEYR WEAPON BRACKETS

MODIFICATION INSTRUCTION

This EMEI is authorised for issue by the CGS. It provides direction, mandatory controls and procedures for the operation, maintenance and support of equipment. Personnel are to obey the instructions and follow the procedures contained in this publication.

Introduction

1. This instruction details the modification to the existing 'SLR' weapon brackets and the fitting of the new AustSteyr F88 weapon clips and brackets.

Note:

1. NSN and Designation used in this instruction were current at the date of issue. If twelve months or more have expired since issue, the NSN should be checked for supercession.

General

2. Estimated Manhours Required. 2.0 hrs (Initial Planning Only).
3. Priority. Group 2.
4. Modification Application. All subject vehicles.
5. Items Affected. SLR weapon brackets.
6. Action Required. By Unit, Field and Base Workshops only in accordance with EMEI WKSP A 850.

TABLE 1 - STORES REQUIRED

Item	NSN	Designation	Qty per Equip
(a)	(b)	(c)	(d)
1.	2540-66-128-5990	Vehicle Weapon Rack	2 Kits

Note:

1. Item 1 is to be demanded by signal to Logistic Command.

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TABLE 2 - ADDITIONAL STORES (STORES TO BE DEMANDED THROUGH NORMAL SUPPLY CHANNELS)

Item	NSN	Designation	Qty per Equip
(a)	(b)	(c)	(d)
1.	9515-66-097-0446	Metal Bar, Carbon Steel, 25mm x 3mm THK	As Required
2.	9515-66-047-0448	Metal Bar, Carbon Steel, 50mm x 3mm THK	As Required
3.	5305-66-015-3931	Screw UNC 1/4" x 3/4" lg	4
4.	5310-66-019-3695	Nut Plain 1/4" UNC	4

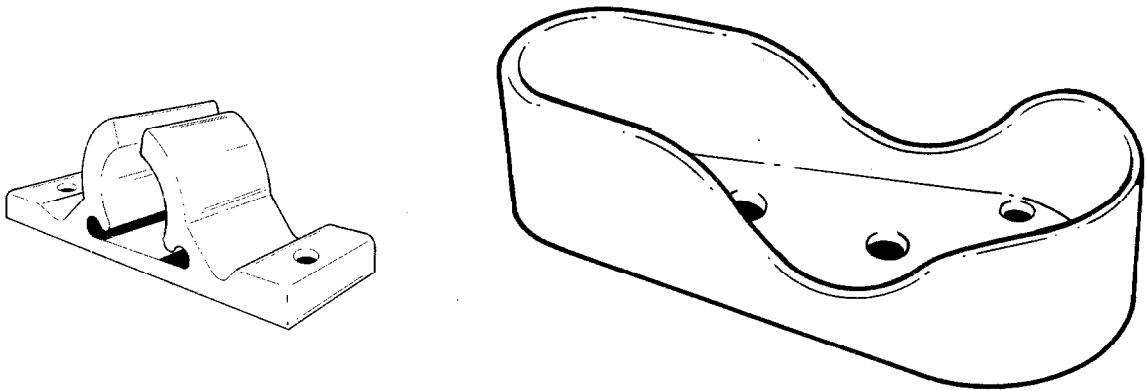


FIG 1 - AUSTSTEYR RIFLE CLIP AND BUTT BOX

7. Stores Removed. The SLR rifle clip and butt box are to be removed and the stores disposed of in accordance with current instructions.

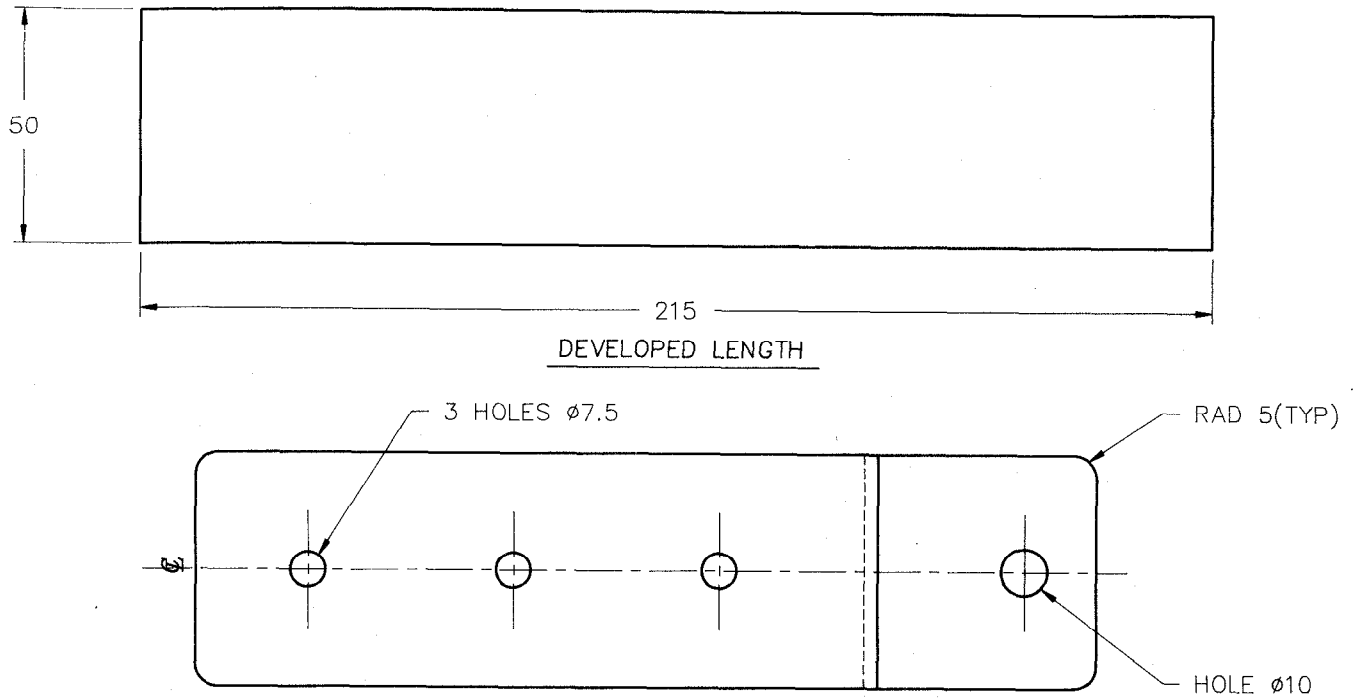
Detail

8. Remove the existing 'SLR' rifle clip from the support bracket and retain the nuts and bolts.

9. Remove the butt box support bracket, then separate the butt box from the bracket and retain the nuts and bolts.

10. Manufacture a new AustSteyr butt box bracket using item 2 Table 2 to the dimensions shown in Figure 2.

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DIMENSIONS ARE IN mm  
MATERIAL : MILD STEEL 3THK.  
REMOVE ALL SHARP EDGES

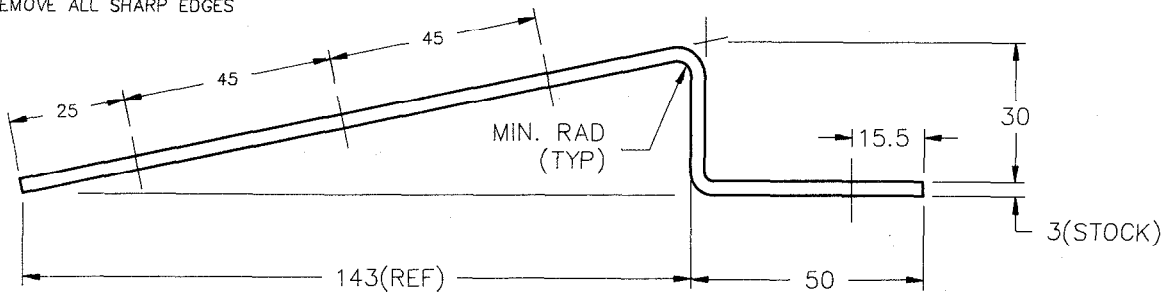
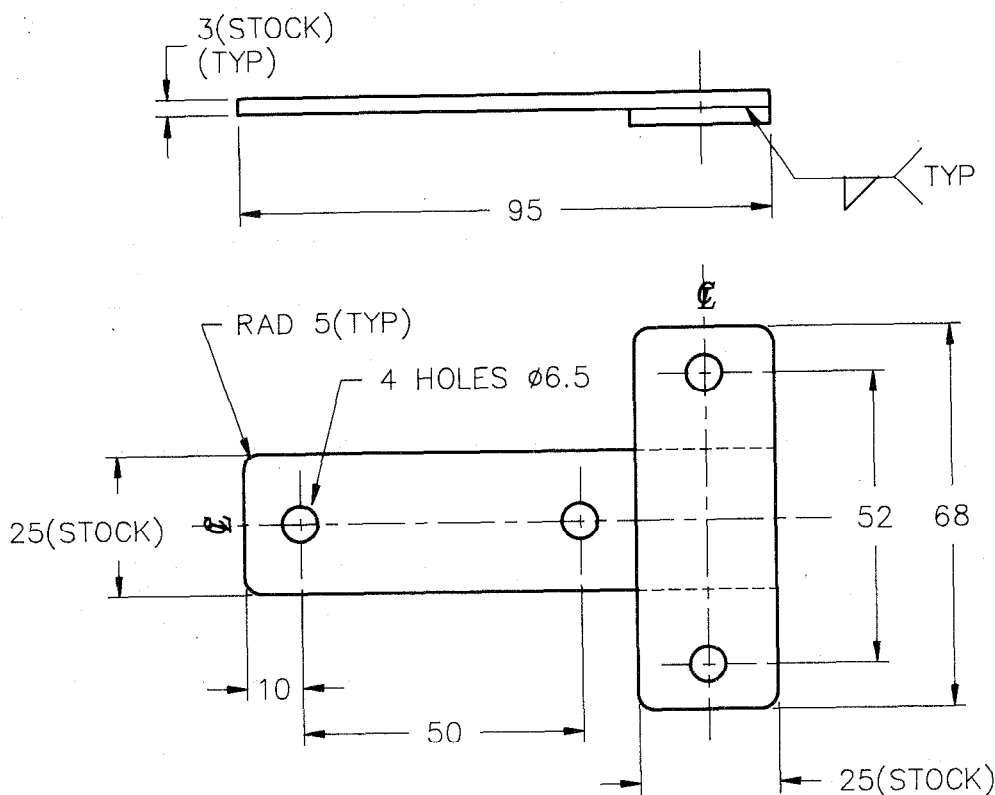


FIG 2 - BUTT BOX SUPPORT BRACKET AUSTSTEYR  
(MACK ALL TYPES)

11. Manufacture a new AustSteyr rifle clip retaining bracket, item 1 Table 2 to the dimensions shown in Fig 3.

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DIMENSIONS ARE IN mm  
MATERIAL : MILD STEEL BAR 25 x 3THK.  
REMOVE ALL SHARP EDGES

FIG 3 - AUSTSTEYR RIFLE CLIP RETAINING BRACKET  
(MACK ALL TYPES)

12. Bolt together the AustSteyr butt box and the new support bracket using the nuts and bolts retained in Para 9, using the rear three holes in the butt box as shown in Figure 4.
13. Re-install the support bracket and butt box to its previous position within the cab.

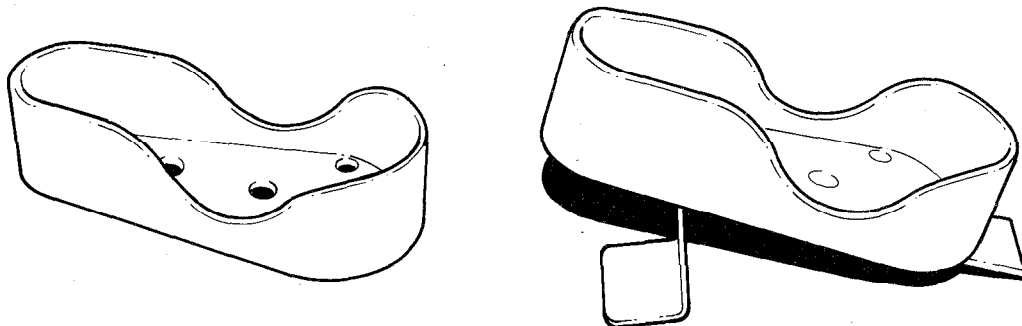


FIG 4 - BUTT BOX LOCATION

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14. Secure the AustSteyr rifle clip to the new retaining bracket by using the machine screws and nuts item 3 and 4 Table 2.
15. Bolt the retaining bracket to the existing cabin bracket using the nuts and bolts retained in para 8.
16. After the AustSteyr butt box and clips are installed ensure a clearance of approx 3mm exists between the gas plug of the rifle and the plastic rifle clip as shown in Figure 5.

Note:

1. Due to some inconsistency in the manufacturing tolerances of the brackets within the vehicles, individual fitting of the retaining bracket may have to be carried out to achieve the desired clearance.

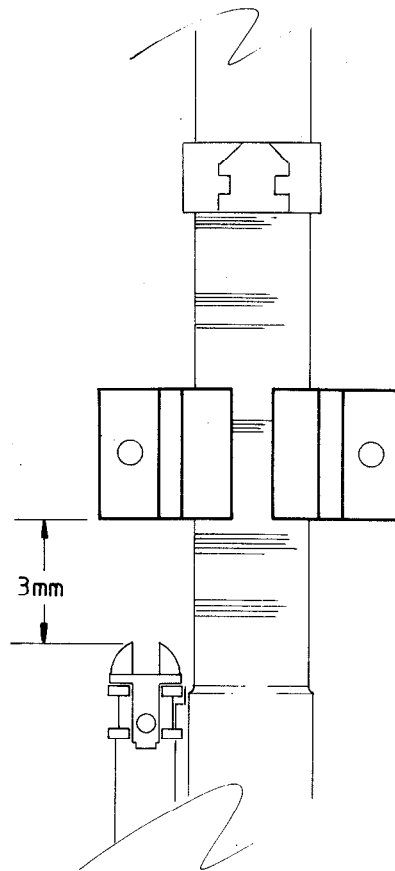


FIG 5 - GAS PLUG CLEARANCE

Modification Record Plate

17. On completion of the modification deface the numeral 21 from the modification record plate situated on the right hand side of the driver's seat base. (Vehicles modified in production are to have the modification plate defaced by the relevant Supply Battalion prior to issue).

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