

TRUCK TANK FUEL HEAVY MC3 (MACK)
FITTING OF CLASS 3 FLAMMABLE LIQUID SIGN

MODIFICATION INSTRUCTION

Issue of this instruction is authorized by Army Office PCA 154/84

Reference: A. EMEI WORKSHOP A 724 Issue 1 Sep 84

Introduction

1. This instruction details the fitting of a Class 3 flammable liquid sign to the front bumper bar of the vehicle.

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 supersession.

CAUTION:

1. Prior to carrying out any work on the Truck Tank Fuel MC3 MACK. Reference A is to be read and complied with.

General

2. Estimated Manhours to Perform. 2.0 (initial planning only).
3. Priority. Group 2.
4. Modification to be Applied to. All subject vehicles not modified in production.
5. Items Affected. Front bumper bar.
6. Action Required. By RAEME units authorised to carry out unit, field and base repairs, in accordance with Workshop A 850.

TABLE 1 - STORES REQUIRED (To be demanded from the nearest authorized Mack Truck Australia branch)

Item	MPN	Designation	Qty per Equip
1.	X50RD42P2	PLATE CARRIER	1
2.	X70RU34	SIGN WARNING	1

TABLE 2 - STORES REQUIRED (To be demanded through normal supply channels)

Item	NSN	Designation	Qty per Equip
1.	5306-66-019-3755	BOLT, MACHINE, UNF 2A SAE GRADE 5 STEEL	3
2.	5310-66-019-3956	NUT PLAIN HEX UNF, 2B STEEL, FORMED, ZINC COATED 1/4 IN	3
3.	5310-66-013-0067	WASHER, LOCK, SPRING STEEL SINGLE TURN, RECTANGULAR SECTION, CAD PLATED, 1/4 IN BOLT SIZE	3
4.	5320-99-941-7271	RIVET, BLIND, MONEL METAL W/BREAK STEM MANDREL, DOME HD, 3/16 IN DIA, 1/2 IN LG	6

7. Stores to be Removed. Nil.

Detail

8. To carry out the modification proceed as follows:

- a. Ensure the vehicle complies with Ref A.
- b. Drill heads of the existing pop rivets retaining the vehicle ARN plate and remove the plate from the front bumper bar.
- c. Mark the new hole centres for remounting the ARN plate to the bumper bar as indicated in Fig 1.
- d. Drill the new holes for the ARN plate using a 13/64 inch drill.
- e. Refit the vehicle ARN plate to the bumper bar using item 4 in Table 2.
- f. Mark the hole centres for the flammable liquid sign holder as per Fig 1 and drill the holes using a 9/32 in drill.
- g. Using the 1/4 in UNF bolts, nuts and spring washers, (items 1 to 3 in Table 1) mount the sign holder to the bumper bar as shown in Fig 2 and insert the flammable liquid sign.

Modification Record Plate

9. Deface the numeral 5 on the modification record plate on all subject vehicles including those modified in production.

Recording

10. Enter the details of the modification in the TGM 120 Record Book for Service Equipment of the vehicle.

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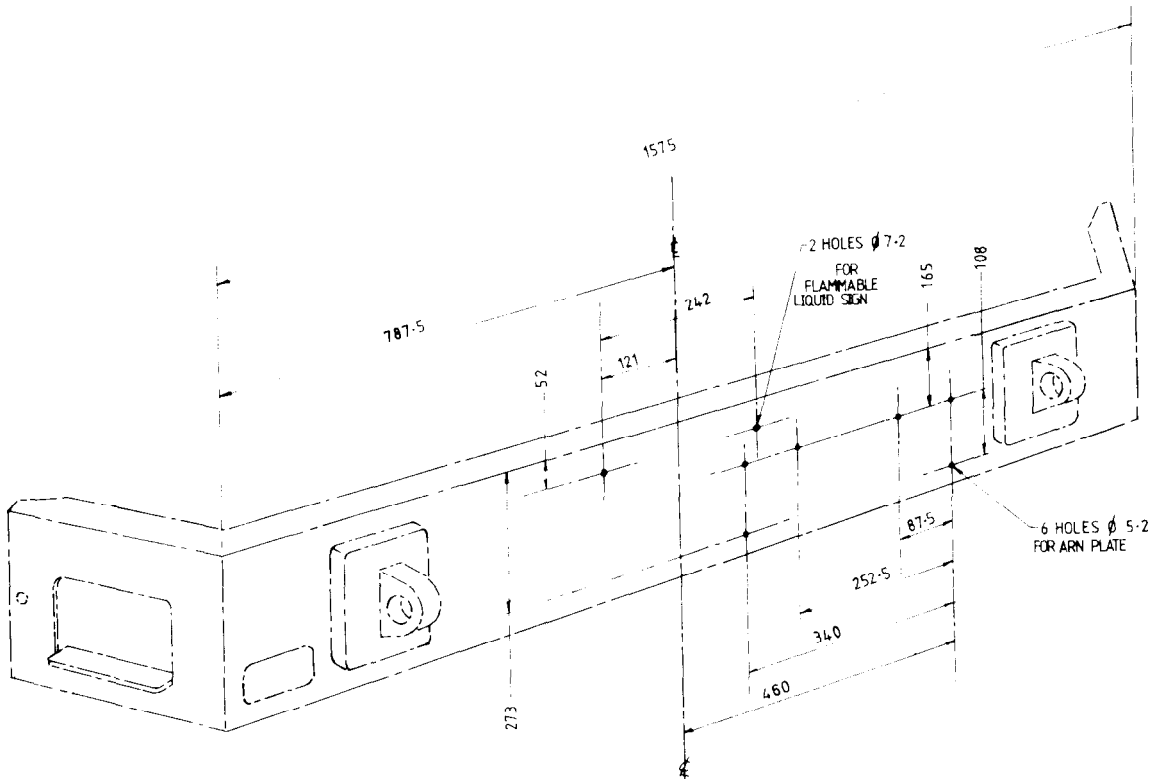


FIG. 1

FIG 1 - LOCATION OF HOLES FOR FLAMMABLE LIQUID SIGN HOLDER AND ARN PLATE ON TRUCK TANK FUEL, HEAVY, MC3 (MACK)

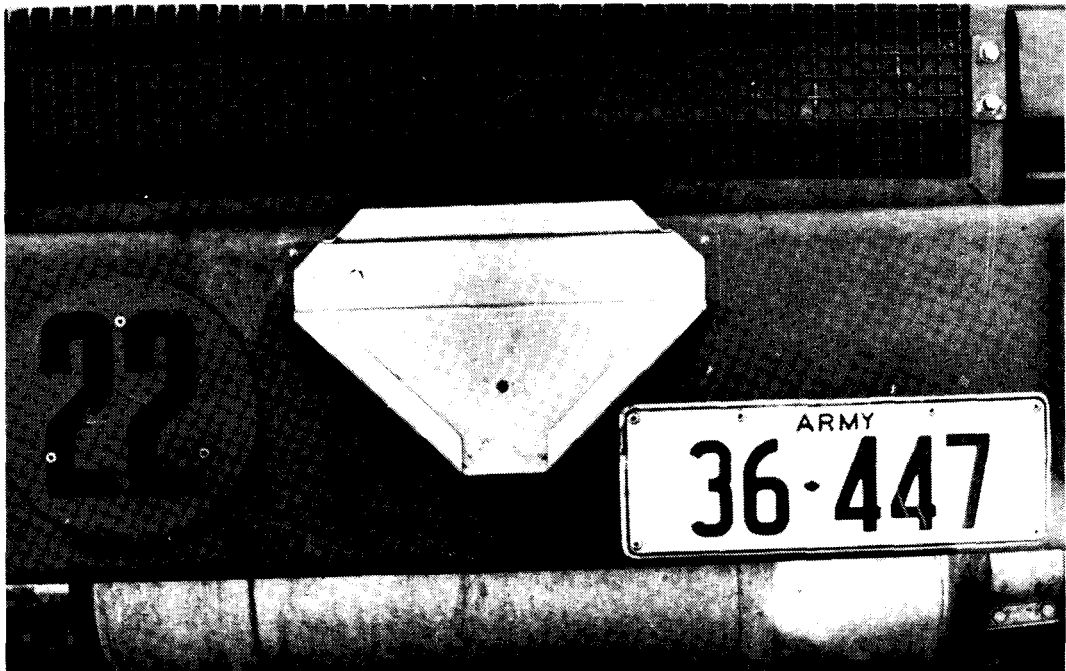


FIG 2 - VEHICLE ARN PLATE AND CLASS 3 FLAMMABLE LIQUID SIGN HOLDER FITTED TO FRONT BUMPER BAR

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