

TRUCK TANK WATER HEAVY MC3 (MACK)  
FITTING OF HEAVY DUTY DISCHARGE MANIFOLD

MODIFICATION INSTRUCTION

Issue of this instruction is authorized by MAT BR PCR B Veh, 62/86

Introduction

1. This instruction details the replacement of the existing discharge manifold with a heavy duty discharge manifold.

General

2. Estimated Manhours to Perform. 1.0.

3. Priority. Group 2.

4. Modification to be Applied to. All subject vehicles not modified in production. ARN 36290, 26738 and 363739 have been modified.

5. Items Affected. Water discharge manifold.

6. Action Required. By RAEME units authorized to carry out unit, field and base repairs in accordance with WKSP A 850.

TABLE 1 - STORES REQUIRED (To be demanded through 11 Sup Bn)

Item	Depot Stock No	Designation	Qty per Equip
1.	4910-97-111-5226	MANIFOLD, WATER OUTLET 4.7 mm wall thickness (complete with gaskets)	1

TABLE 2 - STORES REMOVED (To be disposed of in accordance with GEN P series)

Item	NSN	Designation	Qty per Equip
1.	NIC	MANIFOLD, WATER OUTLET 2.5 mm wall thickness	1

Detail

7. To carry out the modification, proceed as follows:

- a. Empty the three tank compartments.
- b. Note the position of the outlet nozzle for reassembly.
- c. Remove the existing manifold taking care not to disturb the inner control valve gaskets.
- d. Clean the gasket sealing surfaces.
- e. Fit the heavy duty manifold item 1, Table 1, using the new gaskets provided. The six bolts on the horizontal plane must be fitted with their heads towards the centre of the vehicle.
- f. Apply Loctite 242 to the mounting bolt threads and torque to 50-55 Nm.

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- g. Fit the three taps to the new manifold using Loctite 567 to seal the threads.
  - h. Stamp the letters HD to the top centre of the manifold.
8. Modification Record Plate. Deface the numeral 13 on the modification record plate.

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