

TRUCK, TRANSPORTER, FLOATING BRIDGE,  
MC3, W/WINCH, MACK, LAUNCH AND RECOVERY VEHICLE (LRV)  
NSN 2320-66-131-6653

FITTING OF HOOK ARM POSITION INDICATOR BOX  
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.

Issue of this instruction is authorised by CONMEA.

Introduction

1. This instruction details the fitting of a proximity switch and a Hook Arm Position Indicator Box to the Launch Recovery Vehicle (LRV).
2. The switch and indicator box are designed to tell the LRV operator when the Hook Arm is in the correct position for the recovery of a Floating Support Bridge (FSB) module.

General

3. Estimated Manhours to Perform. 2 hrs per LRV.
4. Priority. Group 1.
5. Modification to be Applied To. All Truck, Transporter, Floating Bridge, MC3, W/Winch, MACK, Launch and Recovery Vehicle (LRV).
6. Items Affected. Hook Arm Assembly and Lift Frame.
7. Action Required. All modifications are to be conducted by MEA with the assistance of workshop elements from 21 Const Sqn and SME.
8. Stores Required. The following stores are required:

TABLE 1 - STORES REQUIRED  
(supplied as a modification kit by MEA)

Serial	NSN	Designation	Qty per LRV
(a)	(b)	(c)	(d)
1.	NIC	Sealed Flanged Diecast Box, 114mm x 89mm x 55mm, (RS 505 - 814)	1
2.	NIC	Legendable Indicator (RS 565 - 412)	2
3.	NIC	L.E.S., 24V, 1W (RS 586 - 100)	4
4.	NIC	Proximity Switch - Changeover (RS 339-752)	1
5.	NIC	Actuator Magnet (RS 339-768)	1

Note:

1. All components supplied through Radiospares Components Pty Ltd.

Detail

9. Modification Procedure.

- a. Attach proximity switch and mounting bracket to LRV Front Lift Frame as shown in Figure 1.
- b. Attach actuator magnet to base of LRV Hook Arm to match the position of the proximity switch (see Figure 1). Both the proximity switch and the actuator magnet have adjusting slots that enable adjustment to match the yellow line position on each hook arm.
- c. Mount the Hook Arm Position Indicator Box on the wire mesh at the front of the operator's platform and complete wiring of both assemblies (see Figure 2). The Indicator Box should only receive power when the operator station illumination light switch is in the ON position.

Record of Modification

10. Deface the numeral 2 on the modification plate located on the angled kick plate beneath the left hand group of three hydraulic control levers on the LVR operator station.
11. Enter details of the modification into the Record Book for Service Equipment - Army, GM 120.

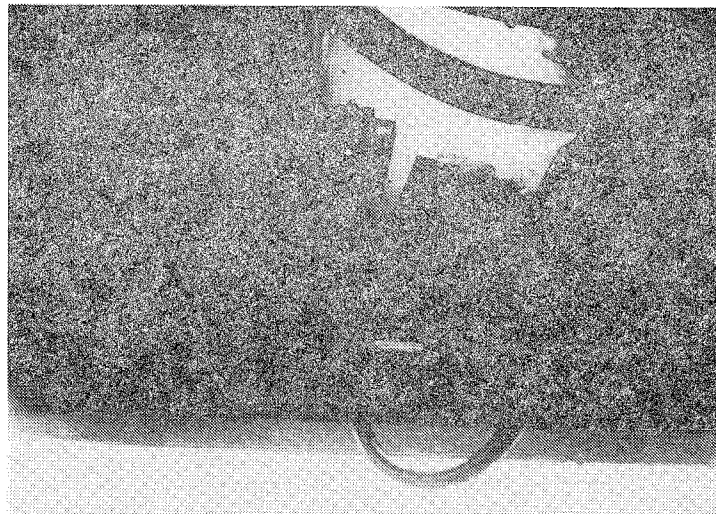


FIG 1 - PROXIMITY SWITCH AND ACTUATOR MAGNET

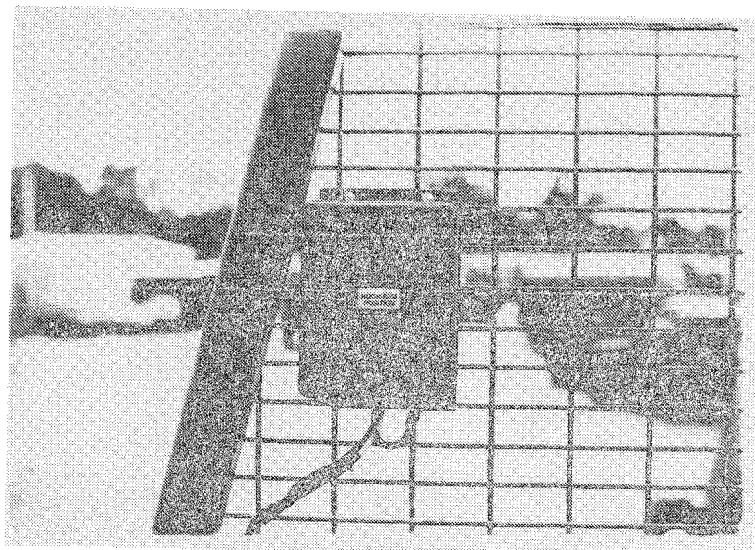


FIG 2 - HOOK ARM POSITION INDICATOR BOX

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