

## TRUCK, GENERAL MAINTENANCE, LIGHT, WINCH, MC2 - LAND ROVER 110 6X6

### REPLACEMENT OF 5-PIN MILITARY RECEPTACLE

## MODIFICATION INSTRUCTION

This instruction is authorised for use by command of the Chief of Army. It provides direction, mandatory controls and procedures for the operation, maintenance and support of equipment. Personnel are to carry out any action required by this instruction in accordance with EMEI General A 001.

### INTRODUCTION

1. This instruction details the replacement of the Cannon brand 5 pin connector because the outer shell of the connector is not earthed. The replacement connector is an allied brand 5 pin connector which has an earthed outer casing.
2. **Associated Publications.** Reference may be necessary to the latest issue of the following documents:
  - a. Current version of the Technical Regulation of Army Materiel Manual (TRAMM) (available from DTR-A website <http://intranet.defence.gov.au/armyweb/Sites/DTRA>);
  - b. Electronic Supply Chain Manual (ESCM), Volume 4, Section 3 – Supply Management Processes, Stores Accounting General, ESCM website, [V04S03 - Stores Accounting General](#);
  - c. ESCM, Volume 6 – Manage Repairable Items, [Volume 06 - Manage Repairable Items](#); and
  - d. [EMEI Electrical A 409](#) - Connector, Electrical, 3 Phase, 40 AMP.
3. **Authority.** Engineering Change Order (ECO) No FPDS/02/R1.

### GENERAL

4. **Modification Application.** This modification is to be applied to all stocks of Land Rover 110 General Maintenance Vehicle modules.
5. **Items Affected.** This modification removes the Cannon style 3 phase 40 amp electrical 5-pin military receptacle located external to the Land Rover 110 General Maintenance Vehicles module.
6. **Priority – Group 2.** All applicable equipment is to be modified:
  - a. when next in a workshop for Light, Medium or Heavy Repair; or
  - b. prior to issue from depot or pool stock.

#### NOTE

Where modification would delay priority issues of depot or pool stock, equipment may be issued unmodified providing the equipment record book is endorsed appropriately.

7. **Action Required.** Actions detailed in this instruction are to be performed by technical maintenance organisations authorised to carry out Light, Medium or Heavy Grade Repairs by ECN 418 or civilian equivalent.

#### NOTE

On receipt of this instruction, enter all relevant information other than date completed in the modifications section of the GM 120 – Record Book for Service Equipment.

8. **Task Recording.** The conduct of this modification is to be recorded in a SDSS Work Order using MMM Standard Job Number:
  - a. 343.
9. **Estimated Workhours.** For initial planning purposes only, it is estimated that this modification will take one workhour to perform.

**10. Stores Required.** The stores required are listed in Table 1. All stores are to be demanded through normal supply channels.

**Table 1 Stores Required**

Item	NSN	Mfr Part No	Designation or Description	Qty per Equip
1	5935-66-147-0144	MG00R 28L-50P-SPL-AA-3999	Connector, Receptacle, Electrical, 5 Contacts Male	1

**11. Items to be Removed.** The item to be removed is a Cannon style 5-pin military panel mount receptacle identifiable by the word Cannon engraved within the body of the connector. All stores removed are to be processed in accordance with DSCM, Volume 4, Section 3 – Supply Management Processes, Stores Accounting General.

**12. Equipment Required.** Required equipment is listed in EMEI Electrical A 409 – Termination of 5-pin military connectors and receptacles.

**DETAIL**

**13. Modification.** The modification is to be carried out by authorised personnel in accordance with the procedures outlined in EMEI Electrical A 409 – Termination of 5-pin military connectors and receptacles:

- a. Inspect vehicle module for fitted 5-pin military receptacle. If fitted with Allied type connector carryout recording action detailed in Para 14. If not fitted with Allied type connector proceed to step 13.b.
- b. Remove Cannon type receptacle connector.
- c. Install Allied type receptacle connector as detailed in EMEI Electrical A 409.
- d. Test system.

**14. Recording Action.** On completion of the modification, the following action is to be taken in accordance with TRAMM:

- a. Deface the number 3 on the module modification record plate.
- b. Complete the modification details in part 3 of GM 120 – Record Book for Service Equipment.
- c. Forward the modification completion details using form GM 119 – Advice of Change in Build State to:  
ADFLM LT B Vehicles  
CGSVSPO, DMO  
DPM-07-154  
Defence Plaza Melbourne  
661 Bourke St  
MELBOURNE VIC 3000

**END**

Distribution List: **VEH G 20.3 – Code 2** (Maint Code)  
(Sponsor: CGSV SPO, Light B Vehicle Section)  
(DMO Job No ECO FPDS/02/R1)

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