

TRUCK, UTILITY, LIGHTWEIGHT, MC2 - LAND ROVER 110 4X4

TRUCK, CARGO, LIGHT, MC2 - LAND ROVER 110 6X6

FITTING OF LINK CABLE TO THE HEADLAMP ELECTRICAL CIRCUIT

MODIFICATION INSTRUCTION

This EMEI is authorised for issue by the CGS. It provides direction, mandatory controls and procedures for the 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 removal of the headlight over-ride relay and the fitment of a link cable to the headlight over-ride relay connector block to allow the operation of the headlights with the ignition in the 'off' position. The purpose of the modification is to correct a build error by Land Rover Australia and this instruction details the retrofit of those vehicles not rectified in production.

Note:

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

General

2. Estimated Modification Time. 0.20 hr (initial planning only).
3. Priority. Group 2.
4. Modification to be Applied to. Later variants have been modified in production and only the following vehicles are to be modified:
 - a. Truck, Utility, Lightweight, MC2 - ARN 50041 - 50166.
 - b. Truck, Cargo, Light, MC2 - ARN 50764 - 50853.
5. Items Affected. Headlamp over-ride relay connector.
6. Action Required. By RAEME units authorised to carry out unit, field and base repairs.

TABLE 1 - STORES REQUIRED (To be demanded through Moorebank Logistic Group)

Item	NSN	Designation	Qty per Equip
1.	6150-66-128-5993	Link Cable, JRA No BYG 9140	1

Note:

1. The Link Cable to retrofit the vehicles listed in para 4 is provided by Land Rover Australia at no cost to Army and is not to be procured locally. The cable is to be ordered on the basis of one per vehicle and is not to be ordered for stock.

UNCONTROLLED WHEN PRINTED

TABLE 2 - STORES REMOVED
(To be retained as a replacement part in unit Repair Part Store)

Item	NSN	Designation	Qty per Equip
1.	5945-99-739-6093	Relay, JRA No DRC 1820	1

Detail

7. The modification is to be carried out as follows:

- a. Remove the fuse panel cover and the two screws securing the fuse and relay mounting panel to the bulkhead.
- b. Locate the headlamp over-ride relay (identified by the colours of the four wires: blue, blue with white indent, white and black).

Notes:

1. The relay is the third relay from the left hand side on 6X6 variants and the second relay from the left hand side on 4X4 variants.
2. To ensure that the correct relay has been identified, remove the relay, switch the ignition and headlight switches to the 'on' position and check that the headlights do not operate.

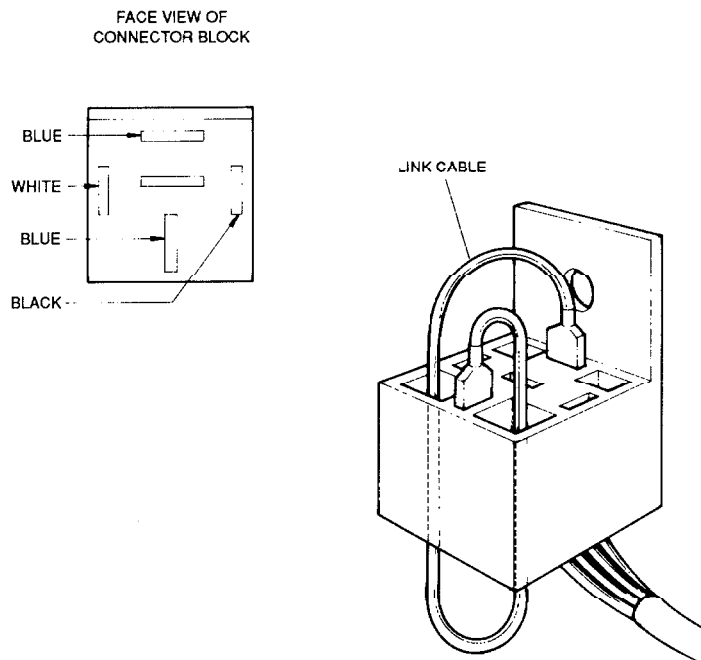


FIG 1 - LINK FITMENT

- c. Turn the ignition and headlight switches to the 'off' position and disconnect the battery terminals.
- d. Fit the link cable (item 1 from Table 1) to the two blue wires as shown in Fig 1, ensuring that the cable is threaded through the block to prevent accidental dislodgement.

UNCONTROLLED WHEN PRINTED

CAUTION:

1. Ensure that the link wire is installed correctly otherwise wire burnout will occur.

- e. Refit the fuse and relay panel and reconnect the battery terminals.
 - f. With the ignition in the 'off' position check the operation of the headlights.
 - g. Refit the fuse panel cover.
8. Modification Record Plate. Deface the numeral 20 on 4x4 variants and the number 14 on 6x6 variants, on the modification plate located on the driver's seat base, including the vehicles modified in production.
9. Recording. Enter the details of the modification in Part 3 of the GM 120, Record Book for Service Equipment, for the subject vehicles, including the vehicles modified in production.

UNCONTROLLED WHEN PRINTED

E N D