

TRUCK, CARGO, LIGHT, MC2 LANDROVER 110 - ALL TYPES

REPLACEMENT OF THE MAPLIGHT SECURING CLIP
AND SECURING OF THE MAPLIGHT WIRING

MODIFICATION INSTRUCTION

Issue of this instruction is authorized by CONMEA

Introduction

1. This instruction details the fitting of an improved maplight securing clip and the securing of the maplight wiring to prevent it short circuiting. Later variants may have the improved clip fitted, however, the maplight wiring must still be checked.

Note:

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

General

2. Estimated Modification Time. 1 hr (initial planning only).
3. Priority. Group 2.
4. Modification to be Applied to. All subject vehicles up to and including ARN 50673.
5. Items Affected. Maplight securing clip and wiring loom.
6. Action Required. By RAEME units authorised to carry out unit, field and base repairs.

TABLE 1 - STORES REQUIRED (To be demanded through normal supply channels)

| Item | MPN/NSN | Designation | Qty per Equip |
|------|------------------|--------------------------------------|---------------|
| 1. | 5340-66-128-5862 | RETAINING HOOK, MAPLIGHT PSD | 1 |
| 2. | SE 104204 | SCREW, METRIC, 4MM DIAMETER, 20MM LG | 2 |
| 3. | NY 104041 | NUT, NYLOC, 4MM DIAMETER | 2 |
| 4. | WA 104004 | WASHER, FLAT, 4MM ID, | 4 |
| 5. | 5970-66-013-1809 | INSULATION SLEEVING, 7MM | As required |

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

| Item | NSN | Designation | Qty per Equip |
|------|------------------|--------------------|---------------|
| (a) | (b) | (c) | (d) |
| 1. | 5340-66-128-4576 | CLAMP LOOP PLASTIC | 1 |
| 2. | AYG 9832 | BRACKET | 1 |

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Detail

7. The modification is to be carried out as follows:
- a. Remove the two screws securing the maplight clip mounting bracket to the dashboard, and discard the bracket and clip.
 - b. Mark and drill two holes on the front of the dashboard to the dimensions shown in Fig 1.

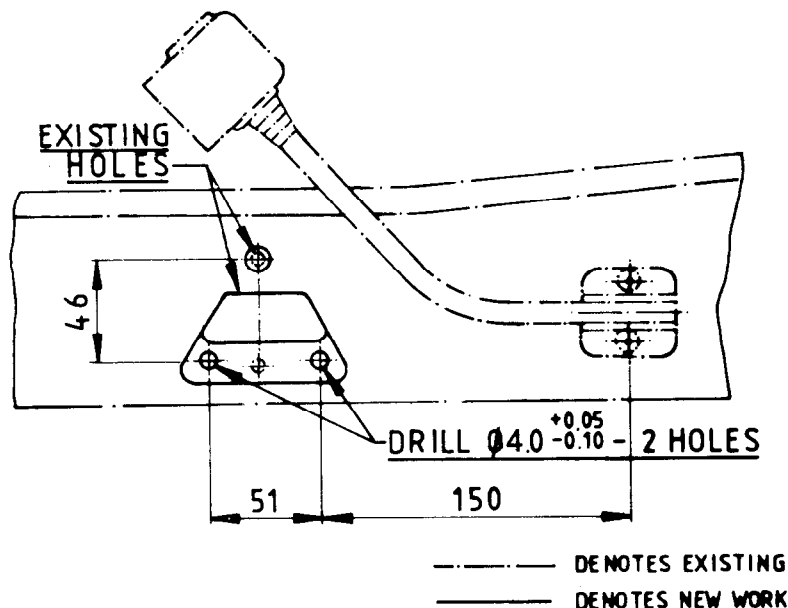


FIG 1 - DIMENSIONS MAPLIGHT CLIP

- c. Fit the new clip (item 1 from Table 1) using the new screws, nuts and washers (items 2, 3 and 4 from Table 1). Plug the existing mounting hole with one of the original mounting screws.
- d. Ensure that a sleeve is fitted over the maplight wiring, see Fig 2, and that the sleeve is located in the hole in the dash.
- e. If the sleeve is located in the dash then apply insulation tape at the point shown in Fig 2.

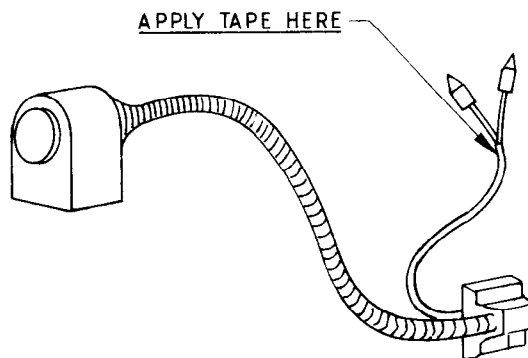


FIG 2 - MAPLIGHT WIRING

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- f. If the sleeve is not located in the dash, or a sleeve is not fitted, then disconnect the battery and the maplight wiring.
 - g. Remove the maplight securing screws and the maplight then inspect the wiring for chafing.
 - h. If chafing is evident repair the wiring, fit the sleeve (item 5 from Table 1) over the wiring and secure as shown in Fig 2.
 - i. Reconnect the wiring and refit the maplight to the dash.
 - j. Reconnect the battery and test the operation of the maplight.
8. Modification Record Plate. Deface the numeral 4 on the modification plate located on the driver's seat base, including those vehicles modified in production.
9. Recording. Enter the details of the modification in Part 3 of the TGM 120, Record Book for Service Equipment, for the subject vehicles, including those vehicles modified in production.

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