

TRUCK, UTILITY, LIGHTWEIGHT, MC2 LANDROVER 110 - ALL TYPES

SLOTING OF THE BRAKE CALIPER FEED LINE RETAINING BRACKET

MODIFICATION INSTRUCTION

Issue of this instruction is authorized by CONMEA

Introduction

1. This instruction details the slotting of the brake caliper feed line retaining bracket to allow the brake caliper to be removed without disconnecting the brake pipe and the subsequent bleeding of the brakes.

General

- 2. Estimated Modification Time. 0.30 hrs per wheel (initial planning).
- 3. Priority. Group 2.
- 4. Modification to be Applied to. All subject vehicles.
- 5. Items Affected. Brake caliper feed line retaining bracket.
- 6. Action Required. By RAEME units authorized to carry out unit, field and base repairs. The modification is to be carried out at the next service.

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

Item	MPN/NSN	Designation	Qty per Equip
1.	5310-66-017-5976	WASHER, FLAT, 3/8 IN	2

Detail

- 7. The modification is to be carried out as described below:
 - a. Jack up the front axle and support the vehicle on safety stands. Remove the front wheels.
 - b. Remove the brake backing plates.
 - c. Disconnect the steel brake pipe at the mounting bracket and at the caliper.
 - d. Disconnect the flexible hose locknut and remove the pipe from the mounting bracket.
 - e. Cut a slot in the mounting bracket as shown in Fig 1.

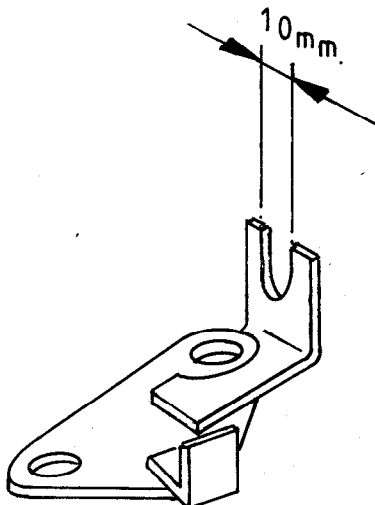


FIG 1 - BRAKE FEED LINE RETAINING BRACKET

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- f. Reconnect the flexible pipe and locknut to the mounting bracket.
 - g. Reconnect the steel brake pipe to the brake caliper and the flexible brake hose at the feed line retaining bracket. Ensure that the flat washers are fitted on either side of the retaining bracket.
 - h. Refit the brake backing plates.
 - i. Bleed the brakes as detailed in EMEI VEH G 103.
 - j. Refit the front wheels, and lower the vehicle to the ground.
 - k. Road test the vehicle and check the operation of the brakes.
8. Modification Record Plate. Deface the numeral 9 on the modification plate located on the driver's seat base.
9. Recording. Enter the details of the modification in Part Three of the TGM 120, Record Book for Service Equipment, of the subject vehicles.

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