

TRUCK, LIGHT, MC2, LAND ROVER 110 6X6 – ALL TYPES
REPOSITIONING OF THE ENGINE TO VACUUM TANK BRAKE VACUUM HOSE

MISCELLANEOUS 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.

GENERAL

Introduction

1. This instruction details the repositioning of the brake vacuum hose from the engine to the brake vacuum tank to prevent it chafing on the battery carrier.
2. Rework action is to be carried out upon receipt of this instruction and hoses are to be checked during each future technical inspection. Hoses are only to be replaced if chafing is evident.

NOTE

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

3. **Estimated Rework Time.** 0.50 hr (initial planning only).
4. **Application.** Rework to be applied to all Land Rover 110 6x6 variants.
5. **Item Affected.** Brake vacuum hose.
6. **Action Required.** The rework is to be carried out by approved maintenance organisations authorised to carry out Light, Medium and Heavy Grade Repairs on receipt of this instruction.

Table 1 Stores Required

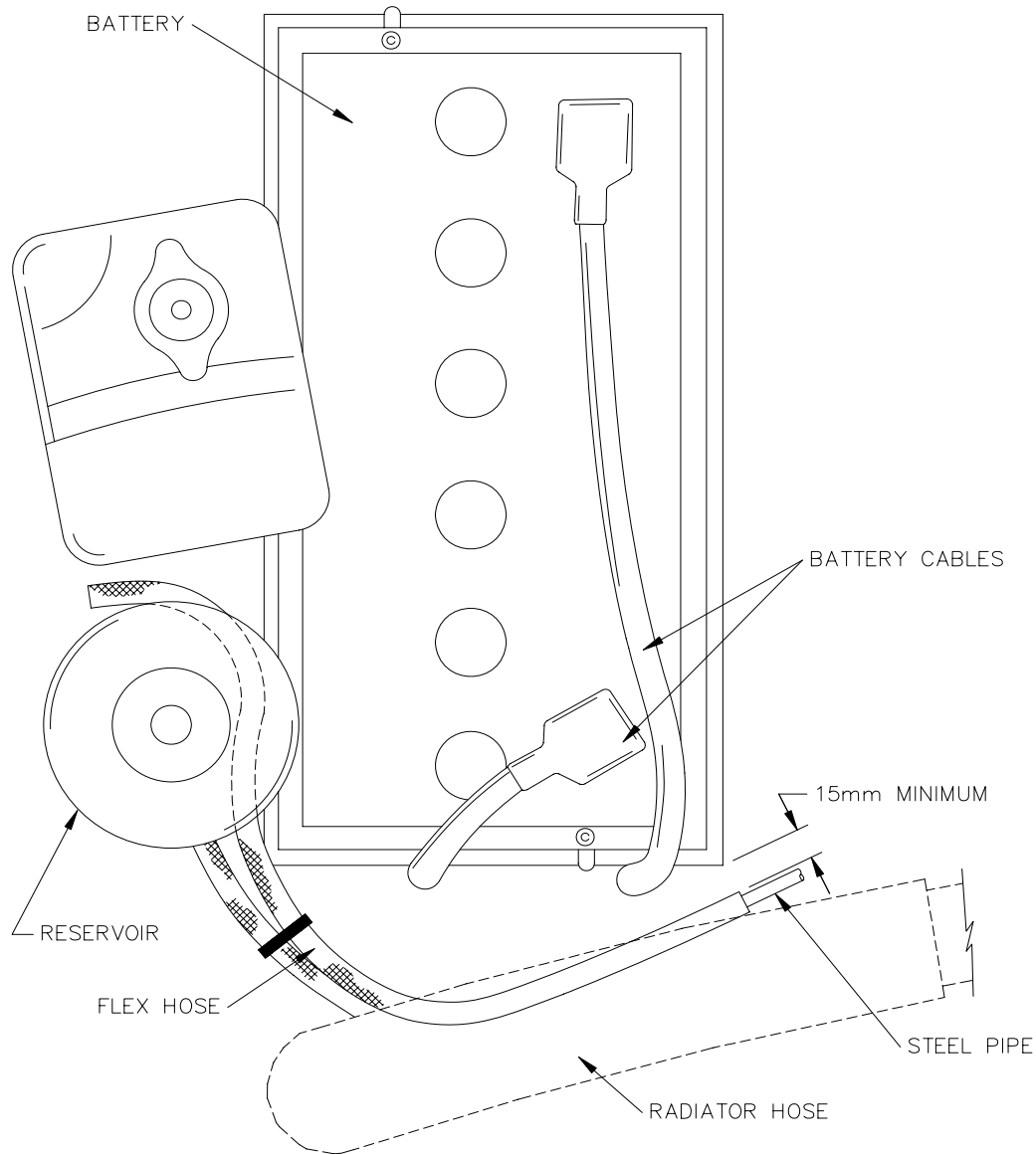
Item	NSN/MPN	Designation	Qty per Equipment
1	MYH 5295	Hose, Flexible (refer to Paragraph 7a)	520 mm
2	5975-00-111-3208	Cable Tie	1

DETAIL

7. The rework is to be carried out as follows with reference to Figure 1 for the position of components:
 - a. Inspect and replace any chafed flexible brake hose with a new hose (Table 1, Item 1).
 - b. Check that the clearance between the flexible brake vacuum hose and the front inboard corner of the battery carrier exceeds 15 mm (refer to Figure 1).
 - c. If the clearance is less than 15 mm, carefully bend the steel vacuum pipe to lead the flexible hose toward the front of the vehicle.

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Figure 1 Rework of the Brake Vacuum Hose

- d. Reposition the flexible hose so that the positive and negative battery cables are between the battery and the flexible hose.
- e. Rotate the power steering reservoir so that the drain hose is positioned toward the front of the vehicle to increase the gap between the hose and battery.
- f. Secure the brake vacuum hose to the power steering drain hose with a cable tie (Table 1, Item 2).
- g. Start the engine and ensure that the brake booster operates before road testing the vehicle.
- h. **Recording.** Enter the details of the rework in the GM 120 – Record Book for Service Equipment for the subject vehicle.

END

Distribution List: **VEH G 20.0 – Code 1** (Maint Code)
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