

TRUCK MEDIUM MC2 (UNIMOG) - ALL TYPES
ACCELERATOR PEDAL STOP BOLT

MODIFICATION INSTRUCTION

Introduction

1. This instruction details the manufacture and fitting of a stop bolt assembly to the accelerator pedal. This will prevent throttle linkage distortion or breakage in the event of excessive pressure being applied to the pedal by the operator.
2. Instances have occurred where linkages have been distorted sufficiently to cause the operators boot toe to catch under the air line cover plate whilst in the full fuel position, thus preventing release of the accelerator.

Note:

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

General

3. Estimated Manhours to Perform. 1.2 (initial planning only).
4. Priority. Group 1. This modification is to be carried out on receipt of this instruction.
5. Modification to be Applied to. All subject trucks up to and including ARN 38883.
6. Item Affected. Accelerator pedal.
7. Action Required. By RAEME workshops and support elements authorised to carry out unit, field and base repairs, in accordance with WKSP A 850.

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

Item	NSN	Designation	Qty per Equip
1.	9510-66-097-0446	METAL BAR CARBON STEEL 25MM W BY 3MM THK	As Required
2.	5305-12-156-4858	SCREW CAP HEX HD METRIC STEEL 10MM THD 35MM LG	1
3.	5310-12-156-4996	NUT PLAIN HEX METRIC STEEL ZINC COATED 10MM THD	2

8. Stores to be Removed. Nil.

Detail

9. Carry out the modification as follows:
 - a. Remove the accelerator pedal assembly (note/mark the pedal shaft to lever spline positioning).

- b. Manufacture the stop bolt bracket as shown in Fig 1 using Table 1, items 1 and 3.
- c. Weld the stop bolt bracket to the accelerator pedal as shown in Fig 2.
- d. Paint the modified pedal assembly in accordance with WKSP B 700.
- e. Fit the bolt and locknut (Table 1, items 2 and 3) to the stop bolt bracket as shown in Fig 3.
- f. Refit the modified accelerator pedal assembly to the truck.
- g. Adjust the stop bolt assembly to achieve 10mm clearance between the head of the stop bolt and the cab floor with pedal in full fuel position.

Note:

- 1. If the stop bolt head to pedal dimension as shown in Fig 3 is considerably less than 50mm, the throttle linkages are either bent or incorrectly adjusted and rectification action must be carried out.

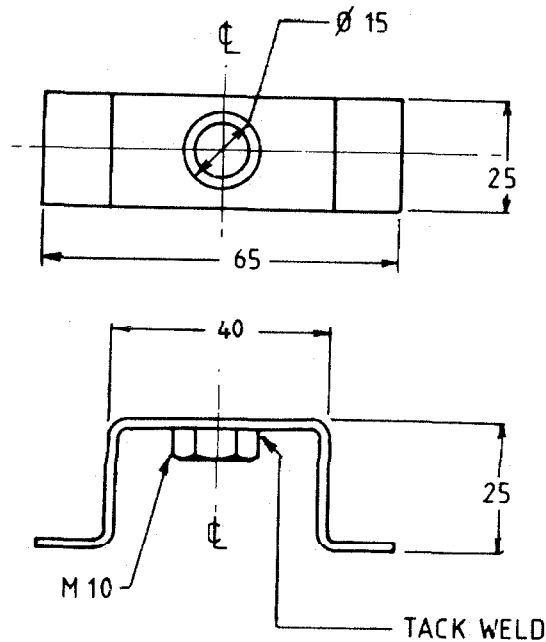


FIG 1 - STOP BOLT BRACKET ASSEMBLY

UNCONTROLLED WHEN PRINTED

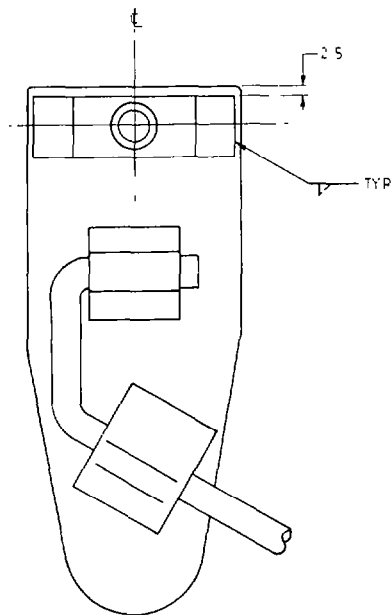


FIG 2 - MODIFIED PEDAL ASSEMBLY

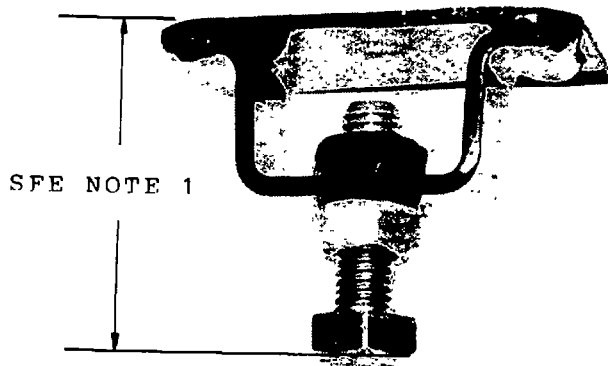


FIG 3 - COMPLETED MODIFICATION

Modification Record Plate

10. On completion of the modification deface the numeral 6 from the modification record plate including those trucks modified in production.

E N D

Class 25.0 - Code 4 (MEA 519/85)