Introduction

1. This instruction details modification of the accelerator pedal cross shaft and its plastic cover to provide for lubrication of the cross shaft assembly and to allow removal of the cover for cleaning/lubrication purposes.

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

2. Estimated Manhours to Perform. 2.0 (initial planning only).

3. Priority. Group 2. To be completed at the vehicle's next major service.

4. Modification to be Applied to. All subject trucks.

5. Action Required. By RAEME workshops 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)

<table>
<thead>
<tr>
<th>Item</th>
<th>NSN</th>
<th>Designation</th>
<th>Qty per Equip</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>5310-12-173-3123</td>
<td>Nut Plain Hexagon Steel M6 - 1MM pitch</td>
<td>2</td>
</tr>
<tr>
<td>2.</td>
<td>NIC</td>
<td>Screw Hexagon Head M6 - 1MM pitch x 12MM LG</td>
<td>6</td>
</tr>
<tr>
<td>3.</td>
<td>NIC</td>
<td>Washer Lock Spring Steel 6MM bolt size</td>
<td>2</td>
</tr>
<tr>
<td>4.</td>
<td>NTC</td>
<td>Fitting Lubrication, Grease M6 - 1MM pitch 45 degrees</td>
<td>1</td>
</tr>
</tbody>
</table>

Detail

6. Carry out the modification as follows:

a. Remove the engine rear access panel.

b. Ensure the fuel injection pump control linkages are adjusted correctly as detailed in paragraph 80 of VEH G 603.

Note:

1. With the accelerator pedal fully depressed ensure full fuel position is achieved at the fuel injection pump without compressing the spring loaded control rod.
c. Remove the throttle linkage lever from the accelerator pedal cross shaft (mark the spline position for reassembly).

d. Remove the cross shaft and cover assembly. Discard the screws, retain the washers for reuse.

e. Remove the plastic cover from the cross shaft. Refit screws into original holes in cover and secure with washers and nuts. Leave the rubber boot in position as shown in Fig 3.

f. Remove a 12mm wide section from the cover as shown in Fig 1.

g. Using Figs 2 and 3 and the cross shaft assembly as a guide drill a 6.5mm hole in each cover mounting bracket.

h. Disassemble the cross shaft assembly.

i. Using Fig 3 as a guide tap an M6 x 1.0 thread in the cross shaft tube and fit the grease nipple (item 4 Table 1).

Note:

1. Centre line of grease nipple to be parallel to cab floor.

j. Clean the cross shaft assembly. Lubricate the shaft and bushes with XG274 and reassemble.

k. Using Fig 3 as a guide secure the cross shaft assembly to the cover mounting brackets using screws (item 2 Table 1), nuts (item 1 Table 1) and washers (item 3 Table 1).

l. Refit the throttle linkage lever and check operation.

m. Using a hand operated grease gun fill the cross shaft assembly.

n. Refit the plastic cover using screws (item 2 Table 1) and the washers previously removed.
FIG 2 - MODIFIED MOUNTING BRACKETS

FIG 3 - COMPLETED MODIFICATION (COVER REMOVED)
7. Modification Record Plate. On completion of the modification deface the numeral 15 from the modification record plate situated on the right hand side of the drivers seat base.

END