

TRUCK UTILITY LT GS SERIES 3 LANDROVER, ALL TYPES
PINTLE HOOK LOCKING LATCH
MODIFICATION INSTRUCTION

Issue of this instruction is authorized by the CONMEA.

Introduction

1. This instruction details the reworking of the pintle hook locking latch to prevent the locating cotter pin being inserted on the under side of the locking latch. Figure 1 shows this defect.

General

2. **Estimated Manhours to Perform.** 1.0 (initial planning only).
3. **Priority.** Group 1. All vehicle pintle hooks are to be inspected to determine if the locating cotter pin can be inserted on the under side of the locking latch. Supply stocks are to be modified before issue to units.

Note:

1. If the locking latch is found to be faulty the pintle hook is not to be used for towing until the actions detailed in this instruction are carried out.
4. **Modification to be Applied to.** All subject vehicles and all depot stocks of pintle hook DSN 2540-66-062-5268, providing they are found to have defective locking latches as detailed in paragraph 3.
5. **Item Affected.** Pintle Assembly Locking Latch.
6. **Action Required.** By RAEME workshops and Support Elements authorized to carry out unit, field and base repairs.

Detail

7. To carry out the modification proceed as follows:
 - a. Remove the locking latch from the pintle hook.
 - b. Using a suitable mild steel electric welding rod, build up the locking latch area directly below the locating cotter pin hole to a height of 5 mm, as shown in Fig 2. Ensure the built up area extends the full width of the locking latch.
 - c. Dress up the weld area as shown in Fig 3, do not remove more than 1 mm of weld height.
 - d. Paint the reworked area in accordance with WKSP B 700.
 - e. Refit the locking latch to the pintle hook. Ensure that the locating cotter pin cannot be inserted on the wrong side of the latch.

Modification Record Plate

8. The modification record plate is situated on the side of the front passenger seat base, adjacent to the vehicle specification plate. To record the modification proceed as follows:
 - a. Cargo vehicles, deface the numeral 9.
 - b. FFR vehicles, deface the numeral 8.

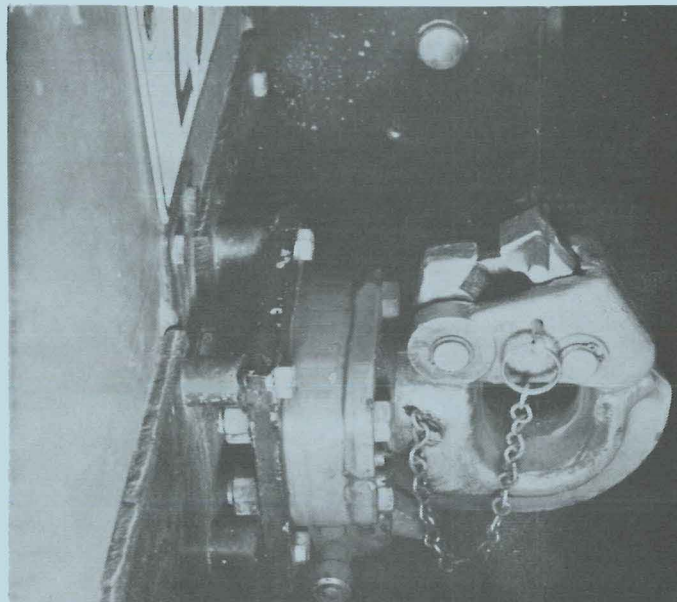


FIG 1 - LOCATING COTTER PIN INCORRECTLY POSITIONED
HOLDING THE LOCKING LATCH FULLY DISENGAGED

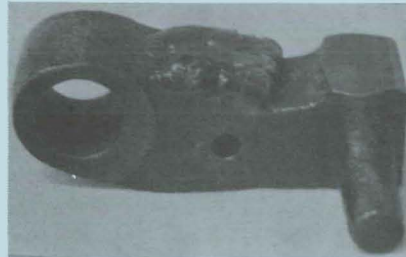


FIG 2 - WELD BUILD-UP ON LOCKING LATCH



FIG 3 - COMPLETED MODIFICATION

END