

**TRUCK UTILITY LT GS SERIES 3 LANDROVER
TOWING PINTLE, ASSEMBLY AND ATTACHMENT BOLTS
MODIFICATION INSTRUCTION**

Introduction

1. This instruction details the replacement of the pintle hook to vehicle chassis attachment bolts which have been found to be defective. The instruction also details the torque to be applied to the pintle hook bolts which have been found to be loose.

General

2. **Estimated Manhours to Perform.** 1.0 (initial planning only).
3. **Priority.** Group 1. The vehicle pintle hook is not to be used for towing until the actions detailed in this instruction are carried out. Supply Stocks are to be modified before issue to Units.
4. **Modification to be Applied to.** All vehicles procured on Contract Number V103349 and all vehicles, including FFR, procured on Contract Number V105857 and delivered before Jul 78, which have the following ARN blocks 28638 to 29037, 29427 to 29743 and 29838 to 29910. The Contract Number and delivery date are specified on the vehicle specification plate attached on to the side of the base of the front passenger seat.
5. **Items Affected.** Pintle Assembly, towing rotating, and attachment bolts.
6. **Action Required.** By RAEME workshops and Support Elements authorized 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	DSN	Designation	Qty per Equip
1.	5306-66-099-2029	BOLT MACHINE UNF 2A SAE Grade 5 steel hex hd zinc coated 3/8 inch by 6 inch long	4
2.	9905-66-039-2341	MODIFICATION PLATE, recored aluminium 3-9/16 inch by 2-7/8 inch by 0.036 inch thick	1

TABLE 2 – STORES REMOVED

Item	DSN	Designation	Qty per Equip
1.	NIC	BOLT MACHINE, UNF, 2A hex hd, zinc coated 3/8 inch by 5-3/4 inch long	4

Notes:

1. Original bolts were supplied by Leyland.
2. These bolts have no marking on the head and are to be returned, marked OTS, through the supply system for eventual on-forwarding to Leyland Regional Offices.
3. Bolts already changed through Unit local action and replaced as detailed in paragraphs 7, 8 and 9 are to be returned to Unit stock.

CAUTION:

Bolts which do not have a strength grade marking on the head are not to be retained or used.

Detail**CAUTION:**

Bolts of strength grading higher than SAE grade 5 are not to be used.

7. Inspect the pintle hook to chassis attachment bolts. If they are not zinc or cadmium coated, or if they do not include either three raised radial marks disposed 120 degrees apart on the top of the head (indicating SAE strength grade 5) or the single letter T (indicating an equivalent strength to SAE grade 5), they are to be removed and disposed of.
8. Reassemble the pintle hook to the vehicle using the new bolts and existing spacers, nuts and locknuts. Torque the nuts and locknuts to 40 Nm.

9. Torque the four bolts used to assemble the pintle hook, rotation mechanism and backing plate to 100 Nm.

Modification Plate

10. Attach the modification plate on to the side of the front passenger seat base adjacent to the vehicle specification plate.
11. Deface the numeral 1 on the modification plate.

Box 31

END