

TRUCK, DUMP, MEDIUM, MC2

DUMP TAILGATE TOP HINGE

MODIFICATION INSTRUCTION

This instruction is authorised for use by command of the Chief of the General Staff. 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 GENERAL A 001.

Introduction

1. This instruction details the fitting and modification of the dump tailgate top hinge, to alleviate the problem of the hinges becoming loose and elongation of the fastener holes. This is being experienced between the hinge and hinge pillar on the rear of the dump tray.

2. The modification consists of welding extra fastening plates onto the tailgate latch and tailgate latch peg to allow extra fasteners to be attached.

NOTE

NSN and designation used in this instruction were correct at the time of issue. If twelve months or more have passed since issue then the NSN should be checked for supersession.

General

3. **Estimated Man-Hours to Perform.** Initial planning only, 3 hours.

4. **Priority - Group 2.** This modification is to be undertaken during the next field repair or base repair or when the latch/latch peg becomes loose on the dump body.

5. **Modification to be applied.** All subject vehicles.

6. **Items affected.** The upper dump body tailgate latch and latch peg.

7. **Action required.** Units authorised to undertake field or base repair are to carry out the modification in accordance with WORKSHOP A 850.

8. **Stores required.** Table 1 lists the stores required for the modification.

Detail

9. Follow the procedure detailed below.

- a. Drill two holes in plate, item 5 from Table 1, as per Figure 1.
- b. Weld plate, item 5 to existing tailgate latch assembly, as per Figure 1.
- c. Cut off the top cap from the pillar holding the tailgate latch, and clean burred edges.
- d. Drill holes in pillar using holes in plate as guides.
- e. Grind off Huck fasteners holding the tailgate latch, remove tailgate latch and clean and paint in accordance with WORKSHOP D 700. Replace with bolts, item 1 from Table 1.
- f. Before placing bolts into the pillar, weld a retaining bar across the head of the bolt, as per Figure 2.
- g. Insert bolts with retaining bar from inside pillar, tighten bolt using washers and nuts, items 2 and 3 from Table 1.
- h. Drill holes in plate, item 6 in Table 1 as per Figure 3.
- i. Weld plate item 6 to existing tailgate latch peg as per Figure 3.
- j. Drill holes through tailgate using holes in new plate as a guide.
- k. Grind off existing Huck fasteners, remove tailgate latch peg, clean and paint in accordance with WORKSHOP D 700, and replace with bolts, washers and nuts, items 1, 2, 3 and 7 from Table 1.
- l. Deface numeral 31 on Modification Plate on completion of modification. and
- m. Enter detail in GM 120.

Table 1 - Stores Required (to be demanded through normal channels)

Item	NSN	Designation	QTY per Equip
1	5306-66-013-5312	Bolt, Machine, UNF, 2A, SAE Grade 5 Steel 1/2 in x 1 5/8 in	12
2	5310-66-013-5312	Nut, Self Locking, Hexagon, UNF 2B, P Steel, 1/2 in, W/Nylon Insert	16
3	5310-66-016-8934	Washer, Flat, RD, Steel, Zinc coated 1/2 in bolt size	16
4	9510-66-097-0920	Metal Bar, Carbon Steel, 11mm, Grade CS 1020, RD	340 mm
5	NIC	Plate, Mild Steel, 127 mm x 65 mm x 5 mm	2
6	NIC	Plate, Mild Steel, 130 mm x 80 mm x 5 mm	2
7	5306-66-019-3896	Bolt, Machine, UNF, 2A, SAE, Grade 5 Steel, 1/2 in x 3 1/2 in	4

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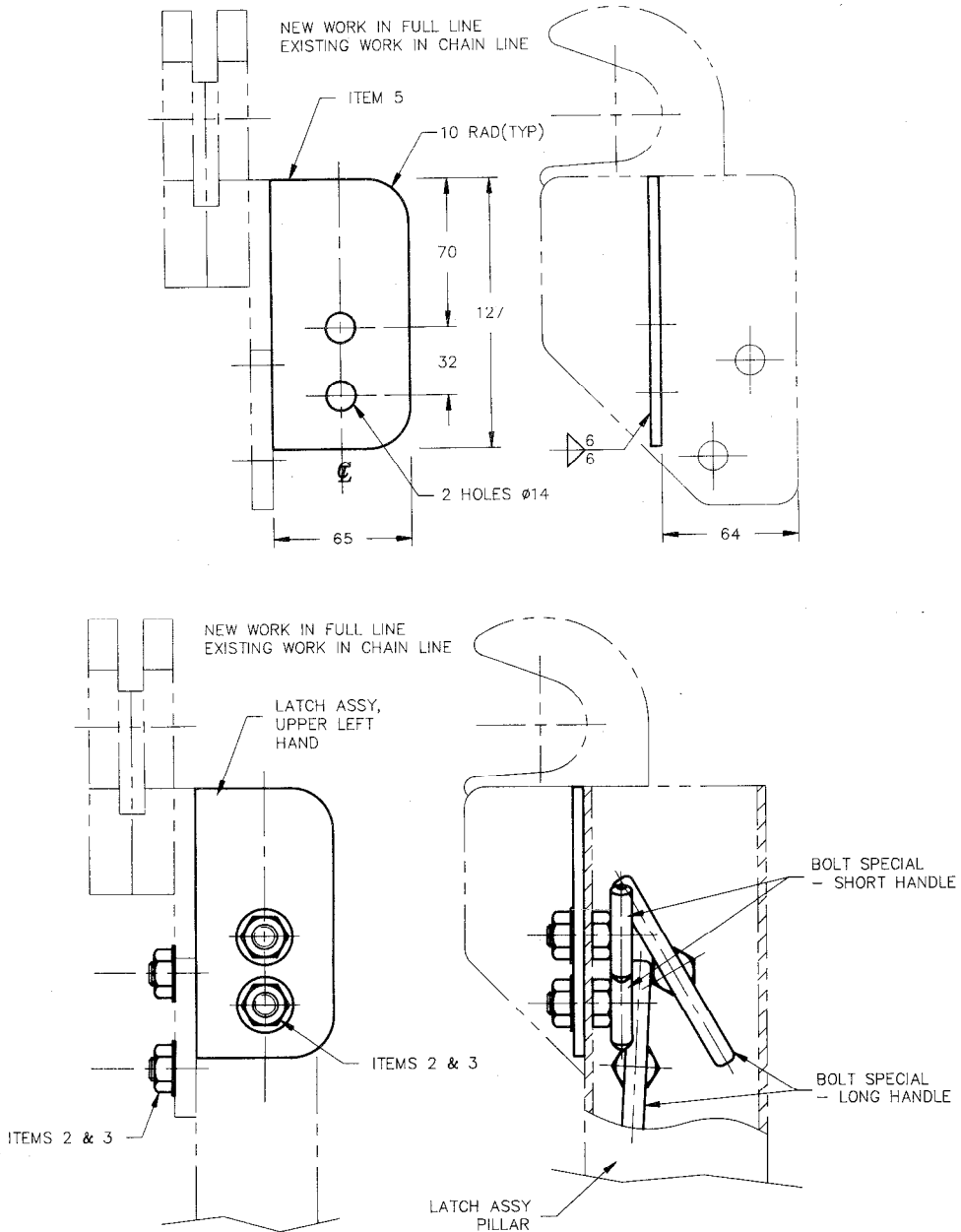


Figure 1 - Tailgate Latch Assembly

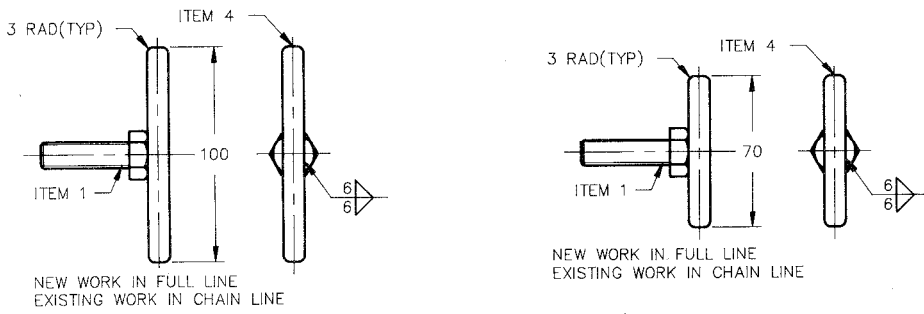


Figure 2 - Bolt Special Short & Long handle

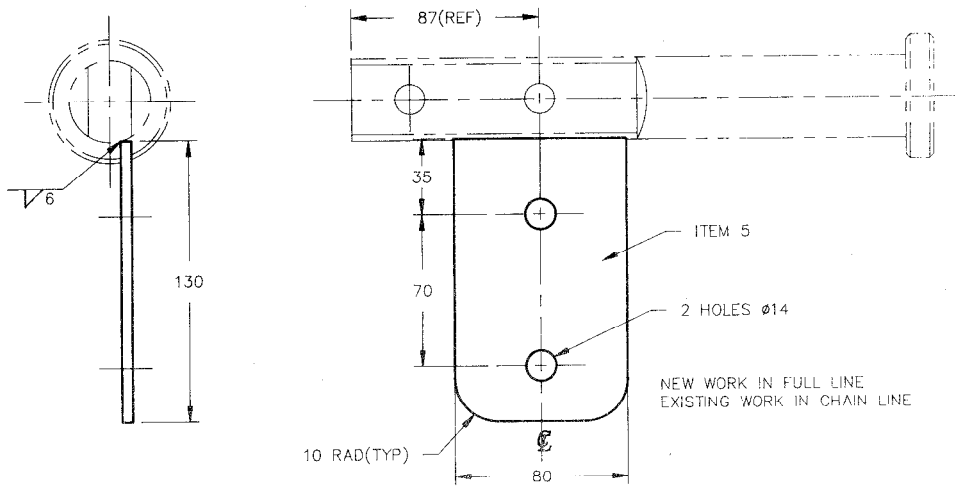


Figure 3 - Tailgate Latch Peg

END
LIST VEH G 33.0 - CODE 4 (MEA 870287)

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