

TRAILER, RECOVERY, HEAVY, MC3 HAULMARK MODEL MC-4DT

NSN 2330-66-140-6030

SERVICING INSTRUCTION

This instruction is authorised for use by command of the Chief of Army. 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 EMEI General A 001.

Introduction

1. This EMEI lists the requirements for each level of servicing for the Trailer, Recovery, Heavy, MC3 Haulmark Model MC-4DT (trailer). Figure 1 shows the servicing points for the trailer. Table 1 details the servicing requirements for each level of servicing.

WARNING

All industrial safety, work practices and equipment operating, and maintenance instructions pertaining to this EMEI are to be adhered to.

The handling, storage and use of chemical substances are to be in accordance with SAFETYMAN, Material Safety Data Sheets (MSDS) and EMEI Workshop E Series requirements.

Associated Publications

2. For maintenance and repair procedures, reference may be necessary to the latest issue of the following documents:

- a. [EMEI Vehicle A 008-1](#) – The Vehicle Part, Technical Inspection of ‘B’ Vehicles, Trailers, Motorcycles and All Terrain Vehicles (ATV) – Inspection for Useability;
- b. [EMEI Vehicle A 029-2](#) – Vehicles – General, Road Testing of Medium and Heavy B Vehicles and Combinations – General Instruction;
- c. [EMEI Vehicle H 656](#) – Trailer, Recovery, Heavy, MC3 Haulmark Model MC-4DT – Repair Manual;
- d. [EMEI Vehicle A 291-1](#) – Tyres and Tubes – Care and Maintenance of B Vehicles – General Instruction;
- e. [Defence Safety Manual \(SAFETYMAN\)](#); and
- f. Technical Regulation of ADF Material Manual - Land (TRAMM-L) (available from DTR-A website <http://intranet.defence.gov.au/armyweb/Sites/DTRA/docs/tramml.pdf>).

Servicing Sequence

3. The following servicing sequence is to be applied:

- a. Minor Service – 20 000 km or 12 months after the last Alternate Major Service;
- b. Major Service – 20 000 km or 12 months after the last Minor Service;
- c. Minor Service – 20 000 km or 12 months after the last Major Service;
- d. Alternate Major Service – 20 000 km or 12 months after the last Minor Service; and
- e. the servicing sequence commences again after the Alternate Major Service with a Minor Service being carried out after a further 20 000 km or 12 months.

4. Servicing is based on distance travelled or time elapsed, with all trailers being serviced at least once every 12 months. Unit commanders may reduce the periods between services or add servicing tasks to meet operational or exercise requirements. A scheduled service may be anticipated or delayed within a limit of plus or minus five percent of the interval between services to meet operational needs and to permit workload planning.

NOTE

When any equipment exceeds the five percent maximum limit of the servicing interval it is to be classified 'DO NOT USE – XX' until the outstanding service is completed.

Authorised Personnel

5. Servicing is to be carried out by a Vehicle Mechanic ECN 229 or tri-Service/civilian equivalent.

Standard Job

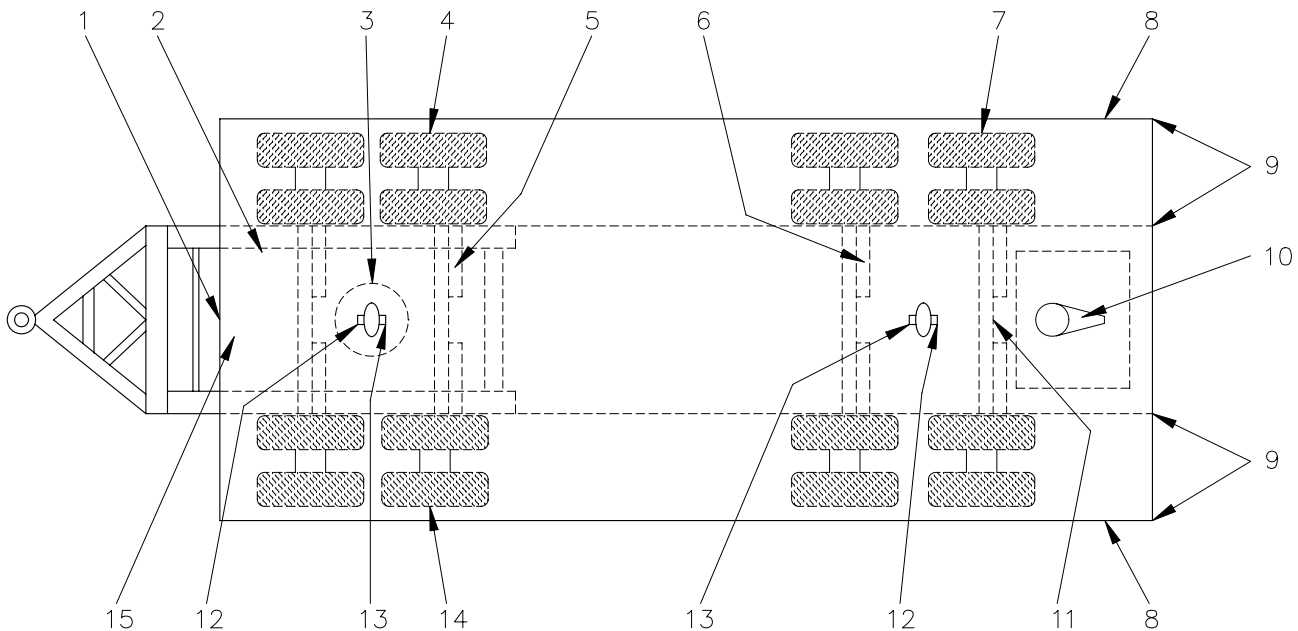
6. Standard job numbers have been raised to detail the vehicle servicing. The following standard job numbers have been allocated:

- a. Minor Service – 6459;
- b. Major Service – 6460;
- c. Alternate Major Service – 6461; and
- d. Technical Inspection (TI) – 6514.

Additional Tasks

7. No additional tasks are to be added to scheduled maintenance work orders. A separate work order shall be raised to record additional maintenance tasks identified during the servicing and/or the Technical Inspection. These additional tasks may include, but not be limited to, the replacement of wheel bearings, brake pads/shoes, etc, and outstanding modifications. The additional tasks are to be completed in conjunction with the scheduled maintenance.

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Figure 1 Servicing Points for the Trailer

Figure 1 Servicing Requirements for the Trailer

Serial	Item or Assembly (Note 1)	Minor	Major	Alt Major	Lubricant	No of Points
1	Front Winch Rollers	L	L	L	XG-291	4
2	Yard Release Valve	-	I,L	I,L	XG-315	1
3	Ballrace	L	L	L	XG-291	6
4	Wheel Bearings	I	I,L	I,L	XG-291	8
5	Brake Camshaft Bushes	L	L	I, L	XG-291	16
6	Slack Adjuster	L	I,L	I,L	XG-291	8
7	Slack Adjuster Clevis	L	L	L	XG-291	8
8	Brakes	A	A	A		8
9	Rear Support Legs	L	L	L	XG-291	6
10	Loading Ramp Pivot	L	L	L	XG-291	6
11	Snatch Block	L	L	L	XG-291	1
12	Rear Winch Rollers	L	L	L	XG-291	2
13	Brake Relay Valve	-	I,L	I,L	XG-315	2
14	Spring Brake Control Valve	-	I,L	I,L	XG-315	2
15	Twistlocks	L	L	L	XG-291	8
16	Locking Wedge	L	L	L,Y	XG-291	2
17	TI (Para 8)	AR	AR	AR		
18	Road Test (Para 9)	AR	AR	AR		
19	Record Details of Inspection in GM 120 – Part 2 Record of Inspection	AR	AR	AR		
20	Record Details of Service in GM 120 – Part 2 Record of Service	AR	AR	AR		
<p>Legend: AR – Action required, A – Adjust, I – Inspect, L – Lubricate, Y – Tighten</p> <p>Note 1: Table 1 refers to Figure 1</p>						

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8. A complete Technical Inspection is to be carried out every 12 months in accordance with EMEI Vehicle A 008-1. A Technical Inspection Report is to be completed and inserted in Part 2 of the trailer’s GM 120.
9. Road test the trailer in accordance with EMEI Vehicle A 029-2.

END
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