

DOLLY, TRAILER CONVERTER, SEMITRAILER, HEAVY, MC4 HAULMARK

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 Dolly, Trailer Converter, Semitrailer, Heavy, MC4 Haulmark (dolly). Figure 1 shows the servicing points for the dolly and 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 EMEI:
- [EMEI Vehicle A 008-1](#) – The Vehicle Part, Technical Inspection of ‘B’ Vehicles, Trailers, Motorcycles and All Terrain Vehicles (ATV) – Inspection for Useability;
 - [EMEI Vehicle A 029-2](#) – Vehicles – General, Road Testing of Medium and Heavy B Vehicles and Combinations – General Instruction;
 - [EMEI Vehicle H 796-1](#) – Dolly, Trailer Converter, Semitrailer, Heavy, MC4 Haulmark – Repair Manual;
 - [EMEI Vehicle A 291-1](#) – Tyres and Tubes – Care and Maintenance of B Vehicles – General Instruction;
 - [Defence Safety Manual \(SAFETYMAN\)](#); and
 - 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:
- Minor Service – 20 000 km or 12 months after the last Alternate Major Service;
 - Major Service – 20 000 km or 12 months after the last Minor Service;
 - Minor Service – 20 000 km or 12 months after the last Major Service;
 - Alternate Major Service – 20 000 km or 12 months after the last Minor Service; and
 - 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 – 187;
- b. Major Service – 462;
- c. Alternate Major Service – 463; and
- d. Technical Inspection (TI) – 6516.

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.

Table 1 – Servicing Schedule

Serial	Item or Assembly (Note 1)	Minor	Major	Alt Major	Lubricant	No of Points
1	Yard Release Valve	-	I,L	I,L	XG-315	1
2	Brakes	A	A	A	-	4
3	Wheel Bearings	I	I,L	I,L	XG-291	4
4	Road Spring U-bolts – Single Point	Y	Y	Y	-	12
	Road Spring U-bolts – Tandem	Y	Y	Y	-	8
5	Spring Brake Control Valve	-	I,L	I,L	XG-315	2
6	Slack Adjuster Clevis	L	L	L	XG-291	4
7	Brake Camshaft Bushes	L	L	I,L	XG-291	8
8	Slack Adjuster	L	I,L	I,L	XG-291	4
9	Brake Relay Valve	-	I,L	I,L	XG-315	2
10	Pilot Relay Valve	-	I,L	I,L	XG-315	2
11	Fifth Wheel Bearing Plate	L	L	L	XG-291	4
12	Fifth Wheel Jaw Pivots	L	L	L	XG-291	4
13	TI (Para 8)	AR	AR	AR		
14	Road Test (Para 9)	AR	AR	AR		
15	Record Details of Inspection in GM 120 – Part 2 Record of Inspection	AR	AR	AR		
16	Record Details of Service in GM 120 – Part 2 Record of Service	AR	AR	AR		
Legend: AR – Action Required, I – Inspect, L – Lubricate, O – Overhaul, Y – Tighten						
Note 1: Table 1 refers to Figure 1						

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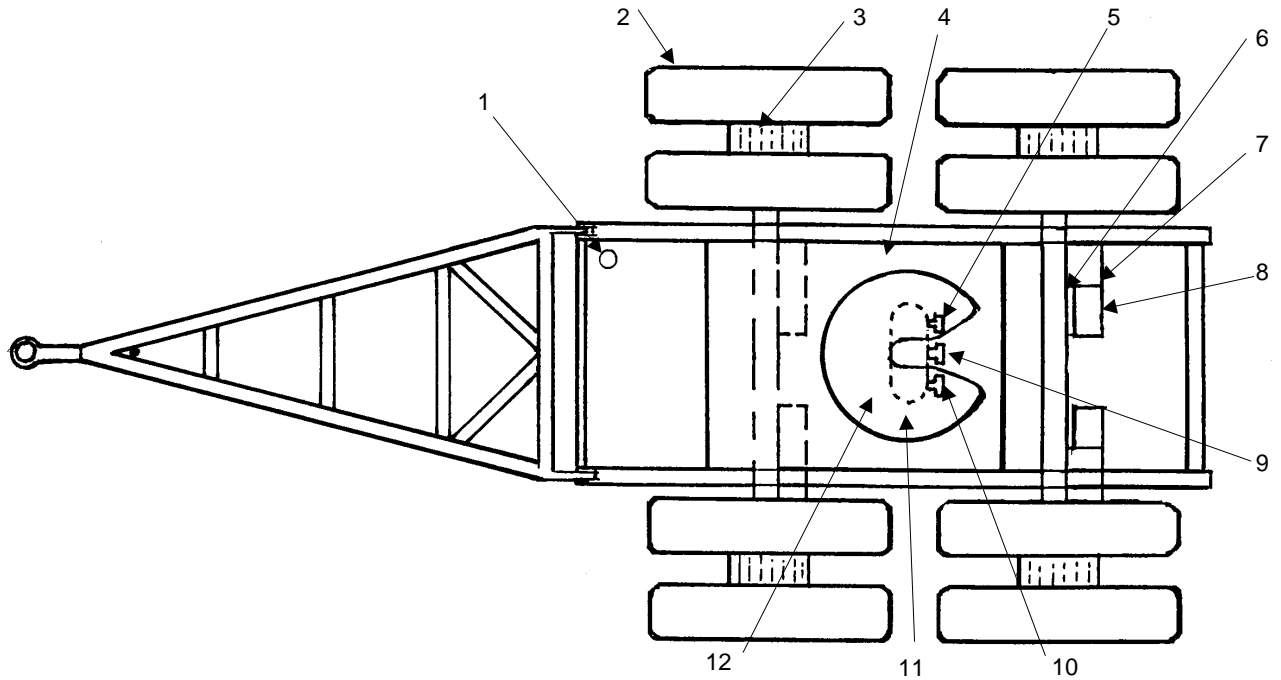


Figure 1 – Servicing Points for the Dolly

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 dolly's GM 120.
9. Carry out a road test in accordance with EMEI Vehicle A 029-2.

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