

SEMI-TRAILER, TANK WATER, HEAVY, MC4 – FRUEHAUF TAG 37 000 LITRE

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 Semi-trailer, Tank, Water, Heavy, MC4 – Fruehauf TAG 37 000 Litre. Figure 1 shows the servicing points for the Trailer. Table 1 details the servicing requirements for each level of servicing.

Associated Publications

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

- a. Technical Regulation of Army Materiel Manual (TRAMM) (available from DTR-A website <http://intranet.defence.gov.au/armyweb/Sites/DTRA>);
- b. EMEI Vehicle H 713 – Semi-Trailer, Tank, Water, Heavy, MC4 – Fruehauf TAG 37 000 Litre, Unit Repair; and
- c. EMEI Vehicle A 029 – Vehicles – General, Servicing of B Vehicles, Trailers, Motor Cycles, Stationary Equipment, Auxiliary and Small Engines.

3. Reference may be required to the current issue of the following publications to ensure safety of personnel and prevent damage to equipment:

- a. Defence Safety Manual (SAFETYMAN);
- b. Manual of Occupational Health and Safety (MOHS) - Occupational Health and Safety;
- c. Material Safety Data Sheets (MSDS). Access to MSDS for view or print is now available via the Chem Alert 2 database on at <http://dsmachem.defence.gov.au/index.jsp>;
- d. Relevant equipment EMEI Servicing Instructions; and
- e. Equipment User/Operator and Servicing Handbooks.

Servicing Intervals

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 MOHS, MSDS and SAFETYMAN requirements.

NOTE

During servicing procedure, bolts and nuts that require re-tensioning or adjusting and have been assembled using Loctite products, are to have the Loctite renewed.

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4. The vehicle must be serviced and technically inspected, at least once every 12 months, in accordance with the reference in Para 2.c.
5. When two types of servicing periods are expressed (eg 12 months or 20 000 km) the service is to be applied at the expiration of the first occurring period (ie whichever comes first).
6. A scheduled service may be anticipated or delayed, within a limit of plus or minus 10% of the interval between services, to meet operational needs and permit workload planning.

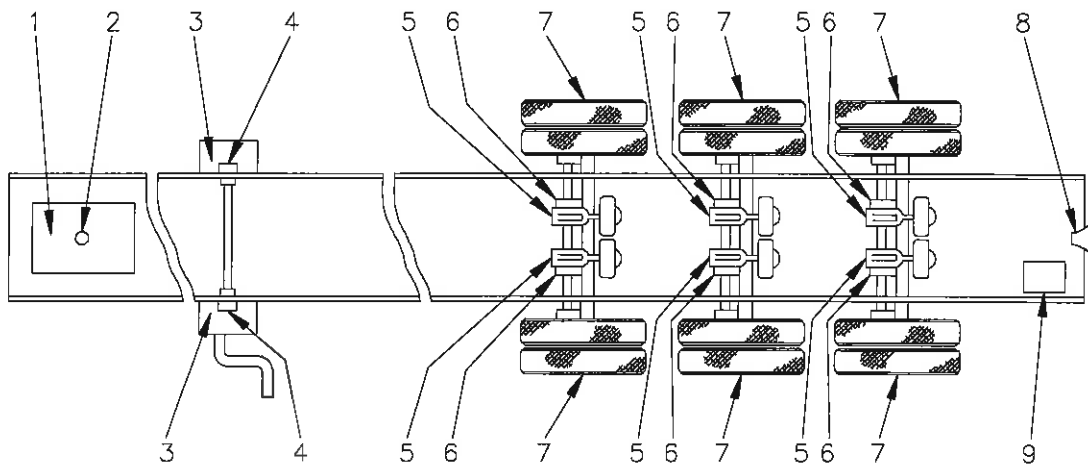
NOTE

When any equipment exceeds the 10% maximum limit, it is to be classified 'Do Not Use - XX' until the required service has been completed.

7. Daily and weekly servicing is to be carried out as detailed in the user handbook.

Road Test

8. At the completion of each service, the vehicle is to be road tested to ensure that all servicing procedures have been correctly carried out to a safe standard.



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Figure 1 Servicing Points for Sem i-trailer, Tank Water, Heavy, MC4 – Fruehauf TAG 37 000 Litre

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**Table 1 Servicing Requirements for Semi-trailer, Tank Water, Heavy, MC4 – Fruehauf TAG
37 000 Litre**

Item	Item or Assembly (1)	Note/s	Lubricant	Monthly	Initial 3 Mths/ 5000 km	Minor 6 Mths/ 20 000 km	Major 12 Mths/ 40 000 km	Capacity	No of Points
1	Apron Plate	3	XG-274	L	L	L	L	A/R	1
2	King Pin	3	XG-274	L			I, L	A/R	1
3	Support Leg Gears	3 & 4	XG-276						2
4	Support Legs (Inner)	3	OMD-115	L	L	L	L	A/R	2
5	Slack Adjuster	2 & 3	XG-274	L	L	L	L, A	A/R	6
6	Camshaft Bushes	3	XG-276	L	L	L	L	A/R	6
7	Wheel Bearings	3 & 5	XG-274			L	L	A/R	6
8	Tow Coupling (Nut)	3	XG-274			L	L	A/R	1
9	Power Unit (Oil Pan)	3 & 6	OMD-115					1.75 litres	1

Legend: A - Adjust, D – Drain and refill, I - Inspect and/or Correct, K – Check and Top-up, L – Lubricate.

Notes:

1. Table 1 refers to Figure 1.
2. Ensure adjusting mechanism is locked in position following adjustment.
3. For maintenance and adjustment procedures, refer to EMEI Vehicle H 713, – Unit Repair.
4. The support legs are permanently lubricated. If conditions contaminate grease, lubricate through the five grease nipples.
5. Brake linings are to be inspected and hub seals to be replaced in conjunction with wheel bearing service every 140 000 km.
6. Carry out the following tasks on the power unit at the hours specified:
 - a. Clean air cleaner mesh filter and foam element at 8 hour intervals and drain and refill air cleaner with 200 ml of OMD-115;
 - b. Clean engine breather at 100 hour intervals; and
 - c. Replace fuel filter element at 300 hour intervals
7. Torque the road spring U-bolts to 461-488 N.m (304-360 lb.ft) after 3 months then 12 monthly intervals thereafter.

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END

Distribution List: **VEH H 09.0 – Code 2 (Maint Level)**
(Sponsor: LV SPO, Med/Hvy B Veh)

