

TRUCK, TANK, FUEL, HEAVY, MC3 (MACK) NSN 2320-66-112-8852

DATA SUMMARY

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.

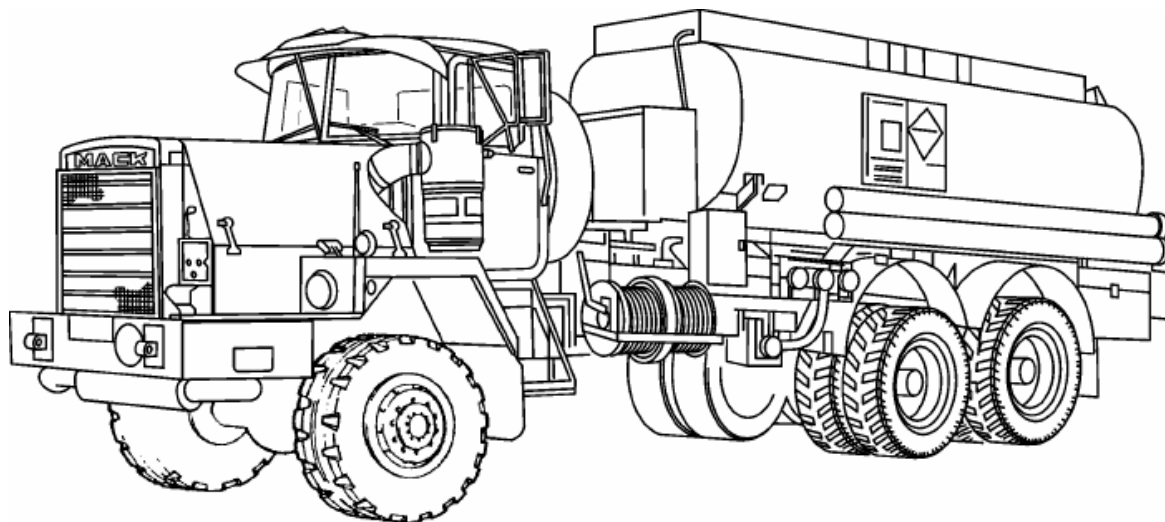


Figure 1 Truck, Tank, Fuel, Heavy, MC3 (Mack)

General

2. This EMEI lists basic data for the Truck, Tank, Fuel, Heavy, MC3 (Mack) as shown in Figure 1. Information applicable to the Mack 8 tonne cab/chassis is contained in EMEI Vehicle G 700, Truck, Cargo, Heavy MC3 (Mack) - Data Summary.

3. Role. The role of the equipment is to transport bulk fuel supplies and provide a refuelling service for vehicles in the field.

4. Description. The Truck, Tank, Fuel, Heavy, MC3 (Mack) is a 6 x 6 vehicle designed to negotiate any terrain or gradient that will allow wheel traction. The vehicle carries an eight tonne load cross-country and a ten tonne load on highways.

Detail

5. Dimensions:

- a. Width overall.....2 500 mm
- b. Length overall9 475 mm
- c. Height overall (unladen).....2 906 mm
- d. Shipping cubage68.8 m³
- e. Tank dimensions:
 - (1) Width2 410 mm
 - (2) Length4 560 mm
 - (3) Height1 350 mm
 - (4) Rated capacity:
 - (a) Front2 860 litres
 - (b) Centre3 580 litres

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- (c) Rear 4 940 litres
- (d) Total 11 380 litres

f. Height of tank above ground level :

- (1) Unladen:
 - (a) Front 1 498 mm
 - (b) Rear 1 450 mm
- (2) Cross-country laden:
 - (a) Front 1 489 mm
 - (b) Rear 1 450 mm
- (3) Reduced height (air springs deflated):
 - (a) Front 1 455 mm
 - (b) Rear 1 333 mm

6. Mass:

- a. Unladen:
 - (1) Front axle 5 260 kg
 - (2) Rear bogie 6 900 kg
 - (3) Total 12 160 kg
- b. Maximum loading (highway) (10 755 litres):
 - (1) Front axle 6 000 kg
 - (2) Rear bogie 14 764 kg
 - (3) Total 20 764 kg
- c. Maximum loading (cross-country) (8 880 litres):
 - (1) Front axle 6 000 kg
 - (2) Rear bogie 13 264 kg
 - (3) Total 19 264 kg

7. Hose Reels:

- a. Quantity 4
- b. Size 30 mm PVC
- c. Length 10 Metres

8. Fire Extinguishers:

- a. Dry chemical 2 x 4.5 kg (externally mounted)
- b. Foam 1 x 9 kg (externally mounted)
- c. Dry Chemical 1.5 kg (cabin mounted)

9. Point Of Contact:

ADF Logistic Manager
DMO, LSD, LVSP0, Med/Hvy B Vehicles
Victoria Barracks
256 – 310 St Kilda Rd
SOUTHBANK VIC 3006
Tel: (03) 9282 7203

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10. Associated Information:

- a. SIGC 2320-0038
- b. NSN..... 2320-66-112-8852
- c. RPS 02167
- d. SCES 11665
- e. User Handbook..... 7610-66-115-4732
- f. ILSI ALI MM 10-8
- g. EMEI Vehicle A 029..... Servicing of B Vehicles
- h. EMEI Vehicle A 291-5General Service B Vehicle Tyre Guide
- i. EMEI Vehicle G 703.....Light Repair (Cargo)
- j. EMEI Vehicle G 703-1Light Repair (Air bag suspension)
- k. EMEI Vehicle G 704.....Medium Repair (Cargo)
- l. EMEI Vehcile G 704-1Heavy Repair (Cargo)
- m. EMEI Vehicle G 704-2Medium and Heavy Repair (Air bag suspension)
- n. EMEI Vehicle G 709.....Servicing Instruction (All types)
- o. EMEI Vehicle G 742..... Technical Description
- p. EMEI Vehicle G 743..... Light Repair
- q. EMEI Vehicle G 744..... Medium and Heavy Repair

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END

Distribution List: **VEH G 54.0 – Code 1** (Maint Level)
(Sponsor: LVSP0, Med/Hvy B Vehicles)
Authority: TRAMM