

**TRUCK, AMBULANCE, LIGHT, 4 LITTER, FFR, WINCH, MC2
- LAND ROVER 110 6X6**

DATA SUMMARY

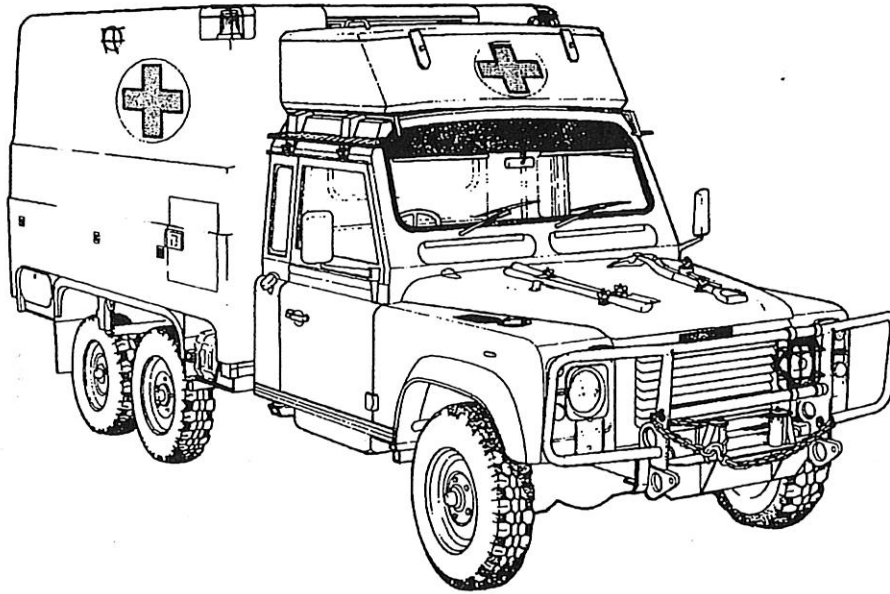


Figure 1 Truck, Ambulance, Light, 4 Litter, FFR, Winch, MC2 – Land Rover 110 6x6

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General

1. This EMEI lists basic data for the Truck, Ambulance, Light, 4 Litter, FFR, Winch, MC2 – Land Rover 110 6x6, as shown in Figure 1. Information applicable to the Land Rover cab/chassis is contained in EMEI Vehicle G 200 Truck, Cargo, Light, and Truck, Cargo, Light, Winch, MC2 – Land Rover 110 6x6 – Data Summary.

Role

2. Its role is to transport personnel,

Physical Data

3. Mass

a. Unladen:

- (1) Front Axle 1 700 kg
- (2) Intermediate Axle..... 1 475 kg
- (3) Rear Axle 1 475 kg
- (4) Total 4 650 kg

b. Maximum Loading:

- (1) Front Axle 1 800 kg
- (2) Intermediate Axle..... 1 900 kg
- (3) Rear Axle 1 900 kg



(4) Total 5 600 kg

4. **Dimensions**

- a. Length..... 6 000 mm
- b. Overall Width:
 - (1) Over Mirrors 2 550 mm
 - (2) Reduced..... 2 160 mm
- c. Overall Height:
 - (1) Laden..... 2 560 mm
 - (2) Unladen 2 590 mm
- d. Shipping Cubage 33.57 m³
- e. Ambulance Module:
 - (1) Length – Internal 3 100 mm
 - (2) Width – Internal 2 085 mm
 - (3) Height – Internal 1 815 mm
 - (4) Width of Rear Door 1 900 mm
 - (5) Height of Rear Door 1 310 mm
 - (6) Height of Module Floor from Ground:
 - (a) Laden 725 mm
 - (b) Unladen..... 740 mm

5. **Electrical System**

- a. Type of System..... 12 V
- b. Type of System (FFR)..... 24 V
- c. No. of Batteries (vehicle) one 12 V
- d. No. of Batteries (FFR)..... two 12 V
- e. Capacity (nominal – Vehicle) 98 A.h
- f. Capacity (nominal – FFR) 93 A.h
- g. Maximum Sustained Charging Current (battery charger) 6.5 A
- h. Terminal Grounded negative
- i. Radio Suppression DEF(AUST) 172, MIL-STD-461A RE 05
- j. Distribution Box Location behind front passenger seat
- k. FFR Connecting Plug Type..... Cannon 3-pin

6. **Air Conditioner Compressor**

- a. Manufacturer Sanden
- b. Type..... SD-510-9909 gyrating spiral
- c. Displacement (per revolution)..... 161 cc
- d. Number of Cylinders 5
- e. Maximum Allowable Continuous Revolutions (normal operating conditions)..... 4 000 rpm

7. **Fuels and Lubricants**

- a. Air Conditioner..... Freon R134A
- b. Air Conditioner Compressor:



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- (1) Type OM-70
- (2) Capacity 135 cc

8. Performance

- a. Ramp Breakover Angle:
 - (1) Unladen 148°
 - (2) Laden 152°
 - (3) Limiting Feature..... chassis rail
- b. Angle of approach:
 - (1) Unladen 45°
 - (2) Laden 41°
 - (3) Limiting Feature..... tie-down points
- c. Angle of departure:
 - (1) Unladen 33°
 - (2) Laden 30°
 - (3) Limiting Feature..... tie-down points

10. Associated Information

- a. SIGC 2320-0015
- b. NSN..... 2310-66-128-4231
- c. RPS 02208
- d. SCES 12100
- e. UHB 7610-66-132-7422
- f. ILSI ALI MM 10-29
- g. EMEI Vehicle A 291-5 General Service B Vehicle Tyre Guide
- h. EMEI Vehicle G 200 Data Summary (cargo)
- i. EMEI Vehicle G 203 Light Grade Repair (cargo)
- j. EMEI Vehicle G 204-1 Medium Grade Repair (cargo)
- k. EMEI Vehicle G 204-2 Heavy Grade Repair (cargo)
- l. EMEI Vehicle G 209 Servicing Instruction
- m. EMEI Vehicle G 222 Technical Description
- n. EMEI Vehicle G 223 Light Grade Repair
- o. EMEI Vehicle G 224-1 Medium and Heavy Grade Repair

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