

**TRUCK, UTILITY, LIGHTWEIGHT, MC2 – LANDROVER SERIES 3
FITTED WITH BAMFORD WINCH
DATA SUMMARY**

Role

1. This equipment is a General Service Vehicle which is used to carry personnel or cargo, and to tow a trailer.

General and Physical Data**2. Mass.****a. Unladen:**

(1) front axle	1 075 kg
(2) rear axle	830 kg
(3) total mass	1 905 kg

b. Laden:

(1) front axle (max)	1 155 kg
(2) rear axle (max)	1 905 kg
(3) max total mass	3 060 kg

3. Wheels and Tyres.

a. Single or dual rear Single

b. Tyre:

(1) size	7.50 – 16
(2) type	CCND
(3) ply	Six

c. Pressures: Load under 250 kg : Load over 250 kg

(1) Highway			
(a) front	: 175 kPa	:	175 kPa
(b) rear	: 175 kPa	:	250 kPa
(2) Cross country			
(a) front	: 175 kPa	:	175 kPa
(b) rear	: 175 kPa	:	250 kPa
(3) Mud and Sand			
(a) front	: 105 kPa	:	105 kPa
(b) rear	: 105 kPa	:	180 kPa

4. Dimensions.

a. Length overall	4 605 mm
b. Width overall	1 675 mm
c. Height overall	2 085 mm
d. Height reduced	1 510 mm
e. Wheel base	2 770 mm
f. Track:	
(1) front	1 325 mm
(2) rear	1 310 mm
g. Ground clearance	200 mm
h. Pintle hook height	700 mm
i. Railway gauging	Passes all states

5. Shipping Data.

a. Volume overall	16.1 m ³
b. Volume reduced	11.6 m ³

**6. Engine.**

a. Make	Landrover
b. Type	Six cylinder, petrol
c. Model	2.6 litre
d. Bore	77.8 mm
e. Stroke	92.1 mm
f. Displacement	2 625 cm ³
g. Compression ratio	7.8 to 1
h. Number of cylinders	Six
i. Maximum power	59.5 kW at 4 100 rev/min
j. Maximum torque	177 Nm at 1 600 rev/min

7. Electrical System.

a. Type of system	12 volt
b. Number of batteries	One
c. Capacity	68 Ah
d. Terminal earthed	Negative

TABLE 1 – FUEL AND LUBRICANTS

Capacities	Type	Capacity (litres)
Cooling system	Liquid	12
Fuel	MT Gas Standard	72
Crankcase	O-180 (OMD-110)	6.8 (Note 1)
Front axle	O-184 (OEP-220)	1.7
Rear axle	O-184 (OEP-220)	2.6
Gearbox	O-184 (OEP-220)	1.5
Transfer case	O-184 (OEP-220)	2.5

Note:

- Add extra 0.5 litre when changing oil filter.

8. Performance.

a. Fording depth	:	0.5 m
b. Turning circle (between walls)	:	15.6 m
c. Angle of approach (unladen)	:	43 degrees
d. Angle of departure (unladen)	:	30 degrees
e. Maximum towed load:		
(1) Highway	:	2 040 kg
(2) Cross country	:	1 020 kg
f. Fuel consumption (planning)	:	18 litres/100 km
g. Maximum speed (unladen)	:	109 km/h

9. Brakes.

a. Hand (type)	:	Mechanical on transmission
b. Foot (type)	:	Drum, vacuum assisted

10. Trailer Facilities.

a. Socket type	:	12 pin NATO
b. Pintle hook	:	Fixed or Rotatable Lockable

11. Winch.

a. Capacity	:	2.7 tonne
b. Overload device	:	Dog clutch

12. Associated Publications.

a. CES	:	2554/1
b. Liability Code	:	72500
c. RPS	:	02088
d. Specification	:	Army (Aust) 6232
e. Workshop Manual	:	VEH G 306
f. Servicing Instruction	:	VEH G 309
g. AC in WM	:	29055

E N D