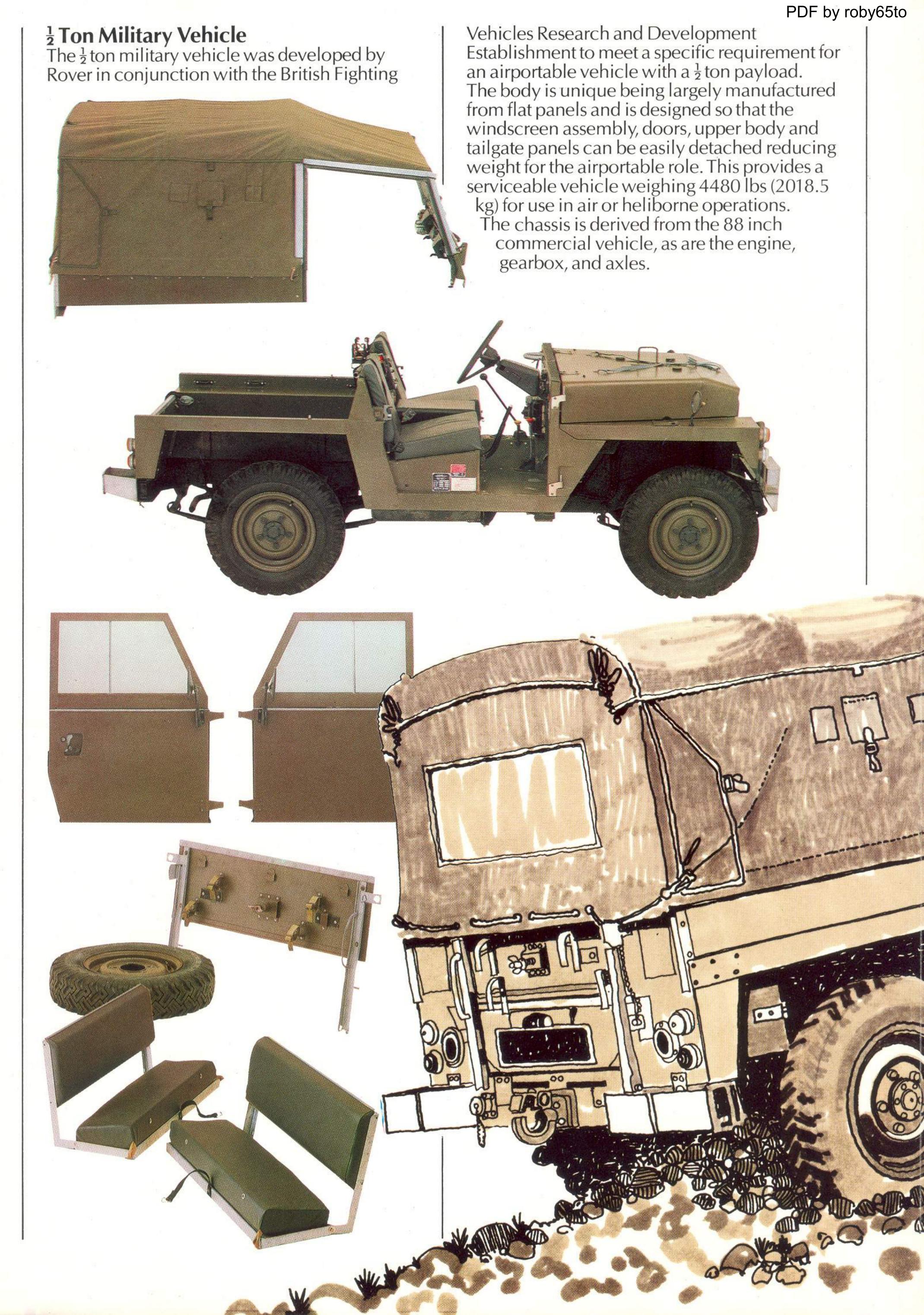
Land Rover





The vehicle is available with 12 volt or 24 volt electrical systems, the latter available with up to 90 amp alternators. All 24 volt vehicles are fully suppressed to meet military operational standards. The latest solid state control boxes are used in the radio battery charging circuit. The vehicle is fitted with a full length soft hood constructed of rot proof, flame retardant canvas, supported by galvanised hood sticks. Reinforcements and flaps are provided for aerial outlet.



Fascia

Twin underseat filling fuel tanks are provided, with telescopic filler necks to facilitate filling from Jerrycans.



The braking system is of the dual line type with a warning light, activated by a pressure differential sensor. A brake servo is fitted as standard.

A Fitted for Radio (FFR) vehicle is available with the addition of a Unitary Radio Kit which features a radio battery carrier for four batteries, a radio table, equipment rack and a protective canopy.

Aerial support brackets are also included. Either one or two radio operators' seats can be supplied with the kit. The whole unit is demountable from the vehicle so that it may be used as a ground station. The vehicle can therefore be used as a radio or cargo vehicle, a useful feature in the forward role envisaged in the design requirements.



Radio battery carrier.

The adaptability of the ½ ton vehicle has gained Land Rover Ltd orders from NATO countries as well as those overseas. The specification of the vehicle can be adjusted to suit specific customer requirements.

Here are but a few of the many roles which the ½ ton unit performs:

Military, police, civil defence, personnel and load carriers; command vehicles for artillery, infantry and other arms and services; recovery vehicles; emergency two-stretcher carriers; towing of light support weapons; specialist trailer towing and operation, signals communications, radio transmission and receiving centres; and reconnaissance, etc.

Petrol and Diesel engines are available.
Both are 2.25 litre units, the petrol engine producing up to 69 bhp (51.5 kW) @ 4000 rpm and 117.2 lb/ft (159 Nm) @ 2000 rpm torque and the Diesel variant 56.2 bhp (42.9 kW) @ 4000 rpm and 101.3 lb/ft (137.3 Nm) torque @ 1800 rpm.

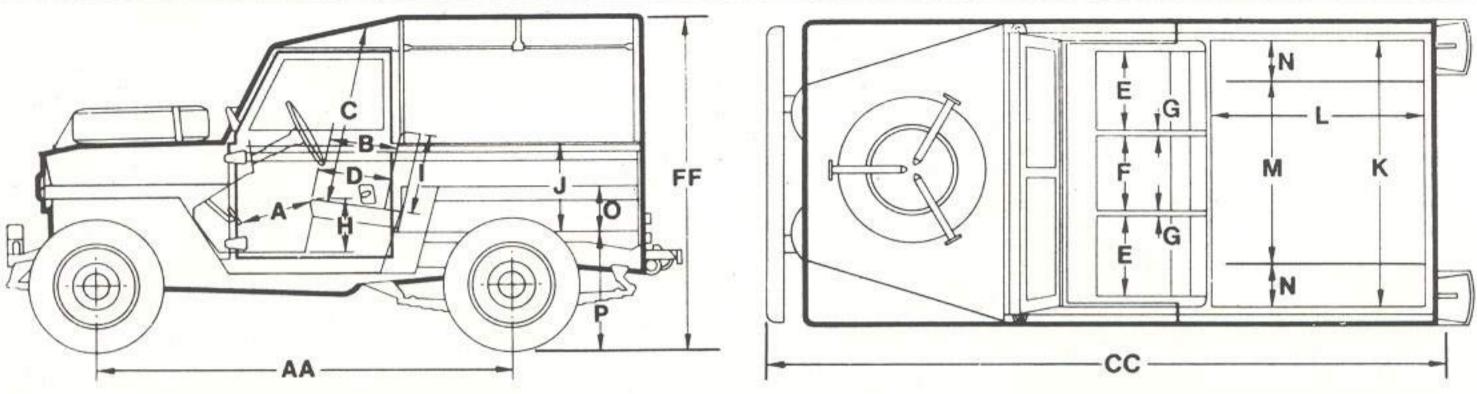
Transmission is through a 9.5 in (241 mm) single dry plate clutch, a

four forward speed and reverse gearbox with synchromesh on all forward gears and a two speed transfer gearbox.

Four wheel drive is selectable in high range, and automatically selected in low range.

Infra-red reflective paint finish (I.R.R.) can be supplied subject to negotiation.

							PDI	= by roby65to
			METRE	S INCHES			METRES	= by roby65to
AA	Wheelbase	1	2.23	88.00	F	Width of front centre cushion	0.45	18.00
BB	Track		1.31	51.50	G	Width between front seats	0.02	1.00
CC	Overall length		3.65	144.00	Н	Top of front cushion to floor	0.35	14:00
DD	Overall width		1.52	60.00	1	Front squab height	0.45	18.00
EE	Overall height of windscreen		1.70	67.00	J	Height of body sides	0.50	20.00
FF	Overall height with hood		1.95	77.00	K	Width of body interior	1.46	55.75
A	Front cushion to accelerator pedal		0.44	17.50	L	Length of body interior	1.14	45.25
В	Front squab to steering wheel		0.36	14.25	M	Interior body width between wheel boxes	0.91	36.00
C	Headroom, front seat (uncompressed)		1.05	41.50	N	Width of wheel boxes	0.28	11.60
D	Front to rear of front cushion		0.43	17.12	0	Height of wheel boxes	0.20	8.12
E	Width of front cushion		0.45	18.00	P	Platform height (unladen)	0.71	28.00



		Unladen Weight Kg 12v	Unladen Weight Kg 24v	Gross Vehicle Weight Kg
PETROL	Hood in position	1455	1510	
	stripped	1206	1274	2162
DIESEL	Hood in position	1496	1551	2162
	stripped	1247	1315	

ENGINE (2½ PET	ROL)
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Type	4 cylinder petrol
Bore	3.56 ins (90.47 mm)
Stroke	3.5 ins (88.9 mm)
Capacity	2286cc
Compression ratio	7:1
Max power (4000 rpm)	64 bhp (47·8 Kw)
Max torque (2000 rpm)	
Compression ratio	8:1
Max power (4000 rpm)	69 bhp (51.5 Kw)
Max torque (2000 rpm)	117.2lbf.ft (159Nm)

ENGINE (21/4 DIESEL)

Type	4 cylinder diesel		
Bore	90.47 mm (3.56 ins)		
Stroke	88.9 mm (3.5 ins)		
Capacity	2286cc		

Compression ratio 23:1

Max power 56·2bhp (41·9 Kw) at 4000 rpm 101·3lbf.ft (137·3Nm) at 1800 rpm

FUEL SYSTEM (PETROL)

Carburettor	Single Zenith 36IV
D - 4 1	NA

Petrol pump Mechanical with priming lever

Tank capacity 20 galls (90.00 litres)

FUEL SYSTEM (DIESEL)

Injectors C.A.V. Pintaux

Fuel pump Mechanical with priming lever Injector pump Self-governing D.P.A. distributor type

Tank capacity 20 galls (90.00 litres)

COOLING SYSTEM

Type Pressurised with pump, fan, thermostat and expansion tank 9lbf/in² (0.63 Kgf/cm²)

TRANSMISSION

Clutch Diaphragm spring, single dry plate 24·1 cm (9·5 ins)

Main gearbox Four speed and reverse —

Transfer box Two speed reduction on main gearbox output

Two/four wheel drive control on

transfer box output D

OVERALL RATIOS: Final drive

top	5.40:1	
third	8.05:1	
second	12.00:1	
first	20.14:1	
reverse	21.01:1	
top	11.10:1	
third	16·50:1	
second	24.60:1	
first	41.24:1	
reverse	42.93:1	
(both axles)	4.7:1	
Spiral bevel-floating shafts with enclosed universal joints		
Hypoid-floating shafts		
Open type 2.0ins (50.8 mm)		
	second first reverse top third second first reverse (both axles) Spiral bevel-flo enclosed univer Hypoid-floating	

STEERING

Type Recirculating ball, worm and nut 3.5 turns
Steering damper Optional - fitted to drag link

WHEELS

TypeSteel-ventilated discFixing5 studSize $5 \cdot 00F \times 16 \text{ ins}$ Tyre size $6 \cdot 00 \times 16 \text{ ins}$

BRAKES

Type
Drum diameter
Brake shoe width:
Handbrake
Drum diameter
Drum diameter
Drum diameter
Drum diameter
Drum diameter
Brake shoe width

Hydraulic drum
254 mm (10ins)

Mechanical – on transfer box output
228.6 mm (9.00ins)
44.5 mm (1.75ins)

ELECTRICAL

Type	12v	24v FFR
Generator	Lucas	CAV
Batteries	1 x 12v	2 x 12v Vehicle
	51 a.h.	44 a.h.
	58 a.h.	2 x 12v Radio
	(Diesel engine)	100 a.h.
		Fitted in Radio Kit

PERFORMANCE

Approach angle 49° (58° in stripped down form)
Departure angle 36° (38° in stripped down form)



Land Rover Ltd

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The information contained in this leaflet is correct at date of publication but is subject to alteration without notice.