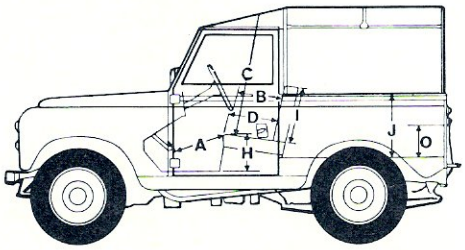
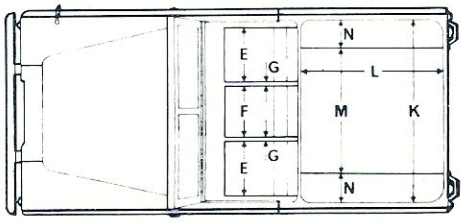
PORT DARWIN MOTORS PTY. LIMITED
STUART HIGHWAY, DARWIN. PHONE 81 9444

Land Rover

LAND ROVER 88'' Wheelbase, Series III

NOMINAL CHASSIS DIMENSIONS

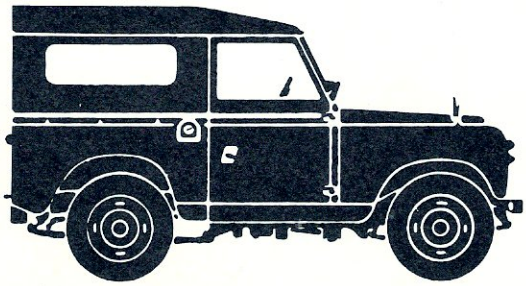




		Ins.	Metres
	Wheelbase	88.00	2.23
	Track	52.50	1.33
	Overall length	142.56	3.62
	Overall width (over hinges)	66.00	1.676
	Overall height of windscreen	68.75	1.745
	Overall height with hood	78.50	2.28
	Ground clearance	8.25	0.209
A	Front cushion to accelerator pedal	19.25	0.489
B	Front squab to steering wheel	14.50	0.368
C	Headroom front seat (uncomp.)	38.00	0.965
D	Front to rear of front cushion	15.75	0.400
E	Width of front cushion	18.00	0.457

		Ins.	Metres
F	Width of front centre cushion	15.00	0.381
G	Width between front seats	1.00	0.025
H	Top of front cushion to floor	14.25	0.362
I	Front squab height	17.75	0.451
J	Height of body sides	20.00	0.508
K	Width of body interior	57.00	1.448
L	Length of body interior	47.50	1.206
M	Interior body width between wheel boxes	36.25	0.921
N	Width of wheel boxes	11.50	0.292
O	Height of wheel boxes	8.50	0.216

HARD TOP



ENGINES

2.25 PETROL
No of cylinders — 4
Bore — 90.47 mm (3.562 in)
Stroke — 88.9 mm (3.5 in)
Capacity — 2,286 c.c. (139.5 in^3)
Compression ratio — 8:1
Max B.H.P. (Din) — 52 Kw @ 4000 R.P.M.
Max torque (Din) — 159 Nm @ 2000 R.P.M.

2.25 DIESEL
No of cylinders — 4
Bore — 90.47 mm (3.562 in)
Stroke — 88.9 mm (3.5 in)
Capacity — 2,286 c.c. (139.5 in^3)
Compression ratio — 23:1
Max B.H.P. (Din) — 42 Kw @ 4000 R.P.M.
Max torque (Din) — 137 Nm @ 1800 R.P.M.

LUBRICATION SYSTEM

Pressurised by submerged gear type pump. Gauze pump-intake filter in sump plus external A.C.-Delco, full flow filter.
Sump capacity — 6.25 litres (11 pints)

COOLING SYSTEM

Pressurised with pump, fan and thermostat.

FUEL SYSTEM

2.25 Petrol — Zenith down-draught type carburettor 36IVE.A.C.-Delco mechanical pump with sediment bowl and priming lever.
2.25 Diesel — C.A.V., D.P.A. distributor type injector pump (self governing) A.C.-Delco high pressure mechanical pump with hand primer. C.A.V. Pintaux injectors.

LANDROVER 88'' Wheelbase Series III

CLUTCH
Single dry plate 241 mm (9½ in) diameter. Diaphragm spring type. Hydraulic operation.

MAIN GEARBOX
Single helical constant mesh with synchromesh on all forward gears.

TRANSFER GEARBOX
Two speed reduction on main gearbox output. Two/four wheel drive control on transfer box output.

PROPELLER SHAFTS
Open to front and rear axles.

AXLES
Spiral bevel: floating shafts. Ratio: 4.7:1.

OVERALL RATIOS (FINAL DRIVE)

	High transfer	Low transfer
Top	5.40:1	11.10:1
Third	8.05:1	16.50:1
Second	12.00:1	24.60:1
First	19.88:1	40.70:1
Reverse	21.66:1	44.30:1

POWER TAKE-OFF POINTS
Central and rear power take-off drives available as optional extras.

FRAME
Welded fabricated box section side and cross members, black enamel dipped, with channel section galvanised front bumber.

SUSPENSION
Semi-elliptic, underslung road springs. Hydraulic double acting telescopic shock absorbers.

STEERING
Recirculating ball, worm and nut. 432 mm (17 in) diameter steering wheel. No. of turns lock to lock — 3½.

BRAKES
Footbrake — Hydraulic drum brakes 279.4 mm (11 in) dia. drums, servo assist., dual line system.
Hand brake — mechanical, internal expanding drum brake on transfer box output.

WHEELS AND TYRES
Ventilated disc wheels. Size: 5.50F x 16.
Standard tyre and tube size: 7.50 x 16 in.
Standard tread: dual purpose (road and cross country)
Special purpose tyres are available as optional extras.

ELECTRICAL SYSTEM
Negative earth, 12 volt.
Battery — Petrol models: 68 A.H.
— Diesel models: 95 A.H.
Alternator — 15 A.C.R.

WINDSCREEN WIPERS
Dual arm, electric washers.

Horn — Windtone horn push on steering column stalk.
Heater/demister — fresh air type.

INSTRUMENTS & CONTROLS
Large diameter speedometer with total mileage recorder, incorporating oil pressure, headlamp main beam and cold start warning lights. Fuel and water temperature gauges combined with charging warning light. Panel lights illuminate speedometer, water temperature and fuel gauges.
Petrol models — combined ignition/starter switch operated by key. Toggle switches for head, side and tail lamps. Dip switch operated by steering column control stalk.
Diesel models — Heater/starter/auxiliary switch operated by key. Toggle switch for head, side and tail lamps. Engine stop control. Fuel level warning light. Engine speed hand control. Dip switch operated by steering column control stalk.

LIGHTING
Head lamps. Side lamps. Tail lamps — twin units having double filament stop/tail bulbs. Number plate illumination. Reversing lamps.

BODY
All body panels are non-corrosive light alloy, and all external steel fittings are galvanised.

OPTIONAL EQUIPMENT
A wide range of optional equipment is available for all models.

IMPORTANT
The specification of this model is correct at March, 1979, but as development is a continuing process, please check details with your dealer.

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