

LAND ROVER

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Air cleaner incorporates one-way drain valve to prevent accumulation of water/dirt while wading.

Thermac device sited on air intake diverts warm air from exhaust region for quick warm-up period thus enhancing economy.

Viscous - coupled fan for enhanced economy and quieter running.

Sealed heavy-duty cooling system.

Engine designed to run between -30°C and +40°C.

High output (45 amp) alternator to cope with large electrical loads without risk of draining battery.

Lightweight, compact all-aluminium engine run on test bed for 1 hour.

Restyled front end for easy access.



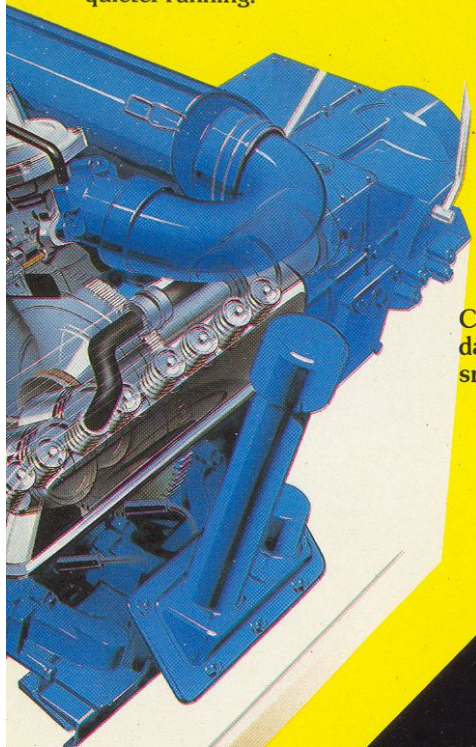
Carburation and lubrication system arranged so engine is never starved of petrol/oil during violent manoeuvres.

Low compression ratio allows use of fuel down to 85 octane.

Self-adjusting tappets for quieter running.

Electrical system PVC insulated thus giving protection against petrol, oil, moisture or fungal attack.

Crankshaft vibration damper ensures smoother running.



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The most powerful Land-Rover you can buy.

The new V8 adds an extra dimension to the already legendary performance of the Land Rover. With permanent 4 wheel-drive as used in the Range Rover, it's equally at home on or off the road, and built to tackle the toughest terrain. Its lightweight aluminium 3500cc engine delivers exceptionally high torque at low revs which means more pulling power.

A heavy duty 4-speed gearbox with transfer box offers a ratio for every situation.

In addition to permanent 4 wheel-drive, when the going gets really rough the centre differential can be locked for even greater traction.

The 3500cc engine tuned for maximum efficiency in the V8 Land Rover gives a top speed of over 80 mph (128 kph) and the ability to climb gradients as steep as 45° (1 in 1).

Engine power is produced smoothly, quietly and with minimal effort. This results in better off road performance, better towing ability, less gear changing and enhances economy of operation in certain conditions.

Built and designed to go anywhere.

With an all-aluminium body, the new V8 offers an exceptional power/weight ratio.

And the aluminium construction of its engine, producing 90bhp, is 60% lighter than its equivalent in cast iron.

Within its completely redesigned engine compartment, all service points offer outstanding ease of access.

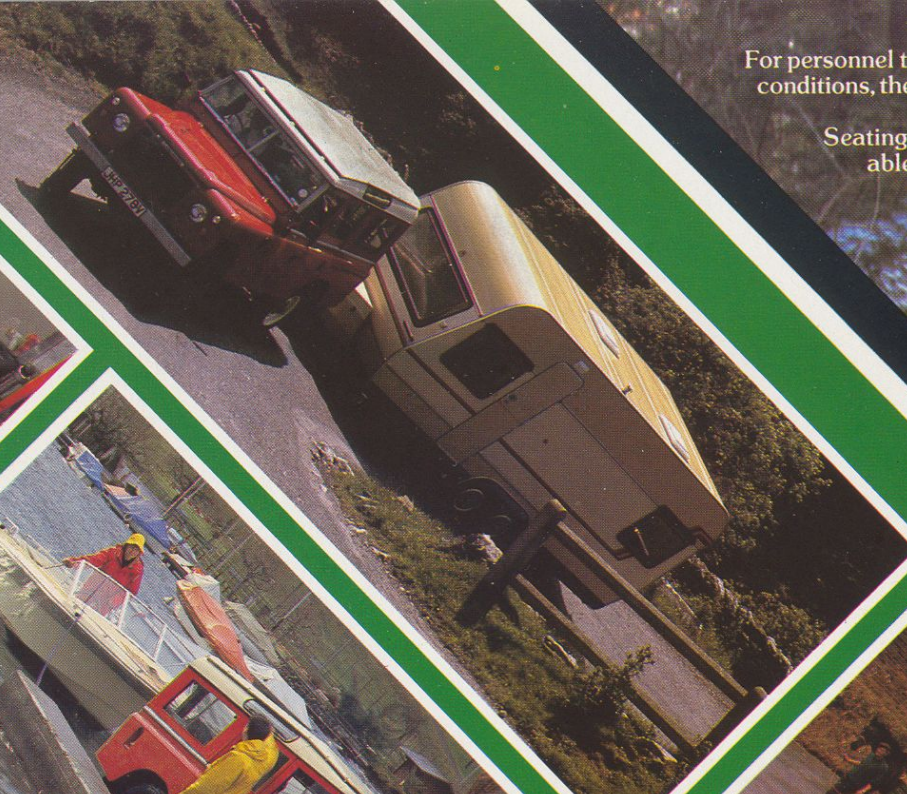
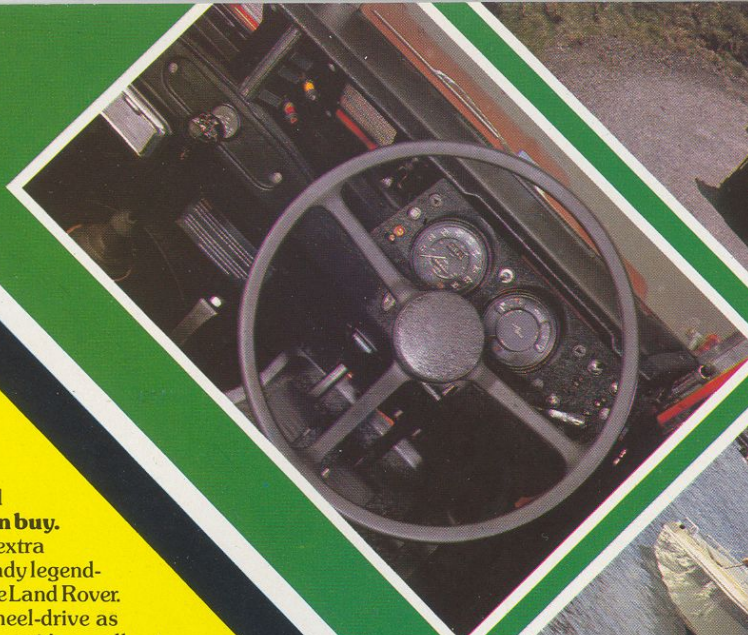
The ignition components are located at the highest points so that, even when the V8 is wading through water, all its essential electrical circuits stay safely dry.

In dusty or arid conditions, atmospheric pollutants are filtered out while still affording optimum airflow to the carburettors. And the traditional go-anywhere character of the Land Rover is reflected in the new V8 in the immense strength of its box section ladder-type chassis and its suspension.

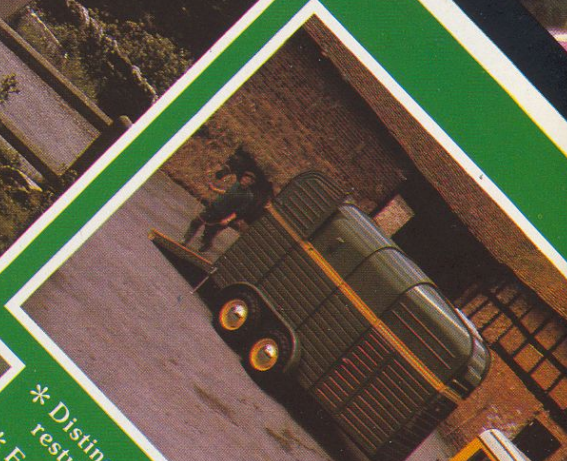
As well as being resistant to corrosion, its light aluminium body panels, being bolted on wherever possible, offer easy replacement in the event of accident damage.

It is this ruggedness and reliability that has made Land Rover the choice for over 30 years of armies, police and all operators whose work involves off-road conditions.

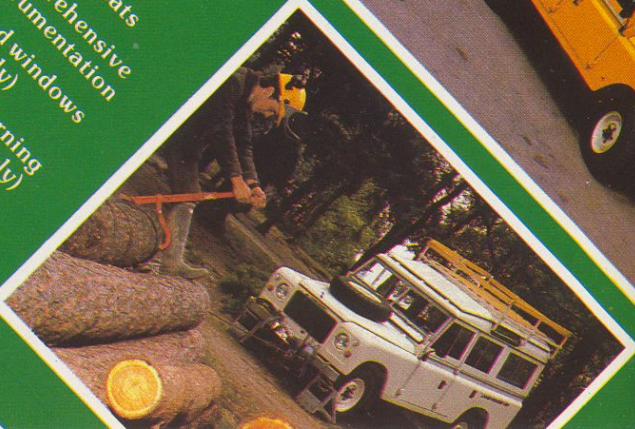
And, in the new V8, these virtues are now embodied in the most powerful Land Rover you can buy.



The V8 Station Wagon
For personnel transport under any type of conditions, the Station Wagon version of the new V8 is unbeatable. Seating up to 12 people in remarkable comfort, its spaciousness makes light of the longest journey. Its robust suspension enables it to cope with prolonged trips over rough country, while its high cruising speed swallows up mile after mile of surfaced road.



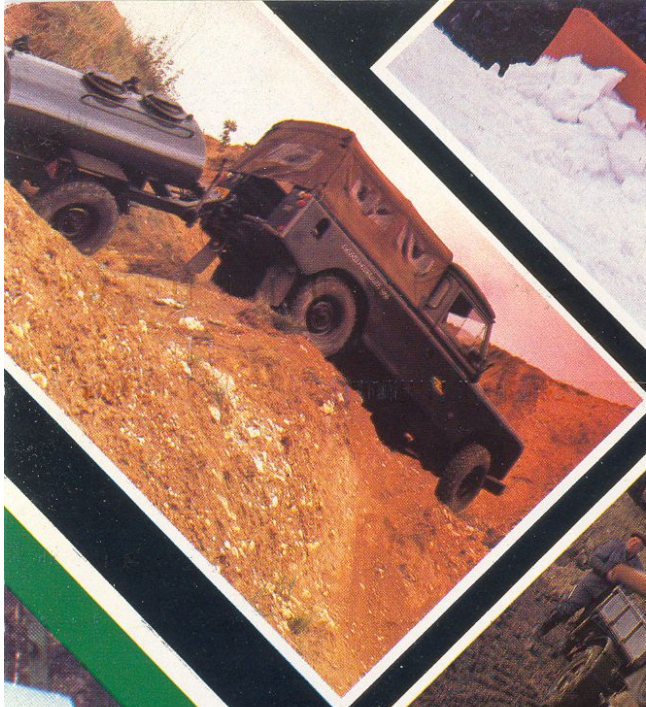
- * Distinctive restyled front end
- * Exciting new colour range
- * De luxe seats
- * Comprehensive instrumentation
- * Tinted windows (SW only)
- * Hazard warning lights (SW only)



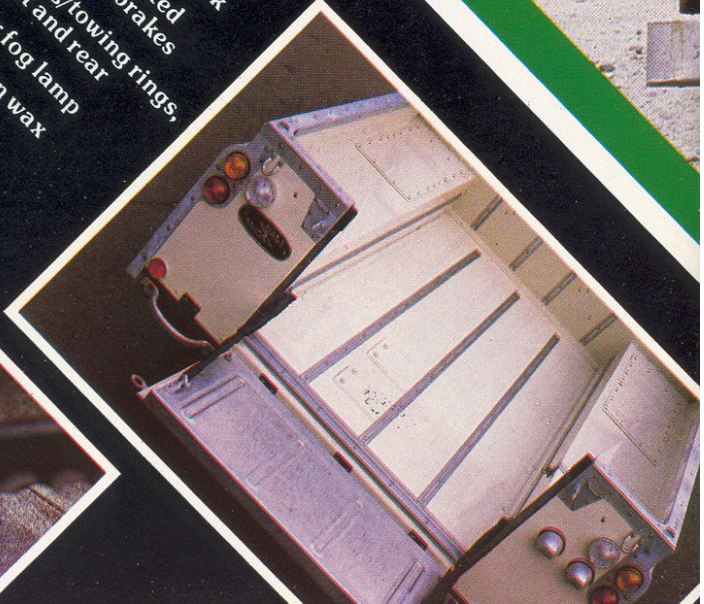
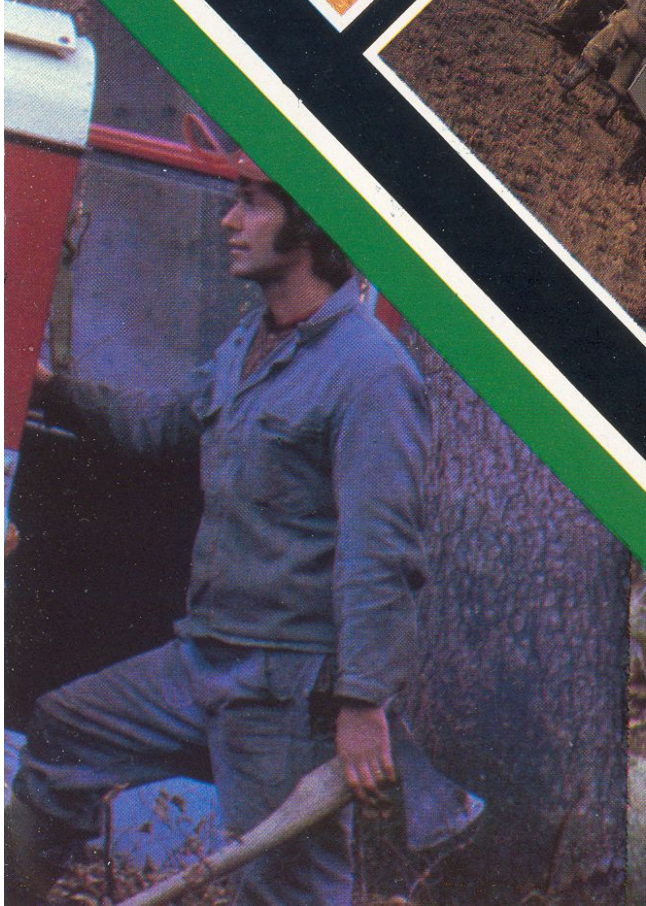
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- * Permanent 4 wheel-drive
- * Differential lock
- * Servo assisted dual-line brakes
- * Lifting/towing rings front and rear
- * Rear fog lamp
- * Astrolan wax coating

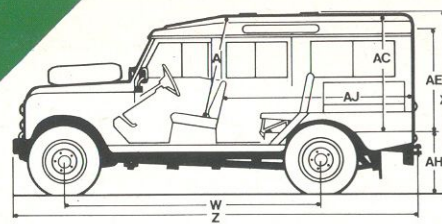


LAND ROVER

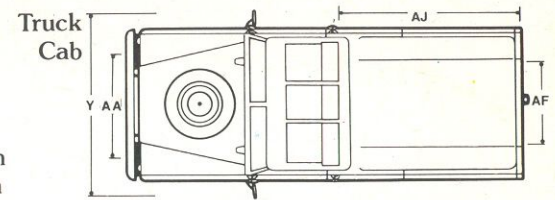


The V8 Pick-up
The remarkable torque and towing power of the new V8 make the pick-up version the obvious choice for every type of agricultural or commercial operation. In a matter of seconds, you can hitch up almost any type of trailer or mobile plant. And the pick-up is available in truck cab, full length hard top and full- or ¾- length canvas hood. To the power of the new Land Rover V8, the pick-up version adds the versatility that has made it foremost throughout the world of industry.





Station Wagon



Truck Cab

Dimensions	109 in. Wheelbase Truck Cab		109 in. Wheelbase 10 & 12 Seater Station Wagon		109 in. Wheelbase Truck Cab		109 in. Wheelbase 10 & 12 Seater Station Wagon				
	mm.	in.	mm.	in.	mm.	in.	mm.	in.			
Seat Headroom	A	0991	39 00	0991	39 00	AE	0495	19 50	AE	0495	19 50
Wheelbase	W	2768	109 00	2768	109 00	AF	0914	36 00	AF	0914	36 00
Overall Height (Unladen)	X	192	75 50	2010	79 00	AJ	1850	72 75	AJ	1850	72 75
Overall Width (excl. mirrors)	Y	1690	66 54	1690	66 54	AH	0762	30 00	AH	0762	30 00
Overall Length	Z	4445	175 00	4445	175 00		0209	8 25		0209	8 25
Height - Body Floor to Roof	AC			1187	46 75		14300	47ft		14300	47ft
Body Interior Width	AD	1460	57 48	1460	57 48						
Track	AA	1334	52 52	1334	52 52						
Rear Door Opening Height											
Body Interior Height											
Rear Door Opening Width											
Tailgate Opening Width											
Body Interior Length (without spare wheel fitted)											
Height of Body Floor (unladen)											
Ground Clearance											
Turning circle											

109 V8 Technical Specification

Engine	Type	O.H.V. all aluminium	Rear axle	Propeller shafts	Hypoid with fully floating shafts	
Bore	88.9mm (3.5in)				Open type - front propshaft with double Hookes joint at gearbox end	
Stroke	71.1mm (2.8in)		Steering	Type	Recirculating ball, worm and nut	
Capacity	3528cm ³		Lock to lock	3.5 turns	Fitted to drag link	
Compression ratio	8.13:1		Steering damper			
Max. power	92 P.S. (DIN) @ 3,500rpm 67.7kW (90.7bhp)		Wheels	Type	Ventilated disc	
Max. torque	23mkg (DIN) @ 2,000rpm 225.6Nm (166.4lbfft)		Size	5.50Fx16ins		
Max. r.p.m.	5,000		Tyre size	750x16ins		
Firing order	1,8,4,3,6,5,7,2		Brakes	Type	Hydraulic - servo assisted	
Lubrication			Drum diameter	279.4mm (11.00in)		
Nominal pressure	2.1 - 2.8kgf/cm ² (30 - 40lb/in ²) @ 2,400		Brake shoe width	76.2mm (3.00in) front, 57.1mm (2.25in) rear		
Oil filters - internal	Gauze pump-intake strainer		Handbrake	Mechanical duo-servo drum brake on rear of transfer box		
Oil filters - external	Full flow oil filter		Size	184mm (7.25in) dia., 76mm (3.00in) width		
Fuel System			Electrical	Type	12 volt negative earth	
Carburettors	Twin Zenith-Stromberg		Battery	58 Ah		
Petrol pump	Facet electric		Ignition	Ballasted coil		
Fuel tank	At rear of vehicle		Alternator	18 ACR - 45 amp		
Cooling System			Starter motor	Pre-engaged type		
Type	Pressurised with pump, fan, thermostat and expansion tank		Capacities			
Working pressure	1.05kgf/cm ² (15lb/in ²)		Engine oil (inc. filter)	5.96 litres (17pt)		
Thermostat	Wax type 82°C		Main gearbox	2.6 litres (4.5pt)		
Radiator	Crossflow		Transfer box	3.1 litres (5.5pt)		
Transmission			Rear differential	2.6 litres (4.5pt)		
Clutch	Diaphragm spring single dry plate 267mm (10.5in) dia.		Front differential	1.53 litres (2.7pt)		
Main gearbox	Four speed and reverse. Synchronesh on forward gears		Fuel tank	68.25 litres (15gal)		
Transfer box	Two speed reduction on main gearbox output. Front and rear drive permanently engaged via a third differential - locked by a vacuum control switch. Switch mounted on heelboard.		Cooling system	9.66 litres (17pt)		
Overall ratios - final drive			Maximum Permissible Towed Weights			
High range - Top	4.7281:1		On-Road	500kg (1,100lb)	Off-Road	500kg (1,100lb)
Third	7.1154:1		Trailer with brakes	2,000kg (4,400lb)	1,000kg (2,200lb)	
Second	11.5745:1		Trailer with overrun brakes	4,000kg (8,800lb)	1,000kg (2,200lb)	
First	19.2390:1		4-wheel trailers with coupled brakes			
Reverse	17.3253:1		Vehicle Weights			
Low range - Top	11.7497:1		Laden G.V.W.	2710kg		
Third	17.6822:1		Truck cab	2710kg		
Second	28.7634:1		Station wagon	2710kg		
First	47.8101:1					
Reverse	43.0538:1					
Differential ratio (both axles)	3.54:1					
Front axle	Spiral bevel with enclosed constant velocity joints					



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SUPERCOVER
Even if you never need it,
it's good to know you've got it.
Applicable only to vehicles used within the United Kingdom.

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