



**LAND -
- ROVER**

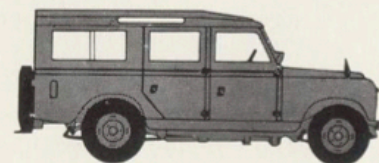
**STATION
WAGONS**

Land-Rover 4-wheel drive 7-seat, 10-seat and 12-seat Station Wagons have gained distinction throughout the world on major construction sites, on pioneering expeditions and safaris, at airports, with national and international organisations—anywhere, in fact, where unrestricted transport of personnel and equipment is needed all the year round in all climates and all conditions.

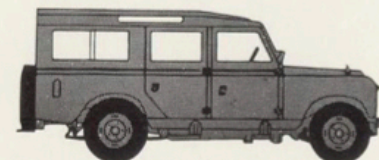
Although outwardly similar to previous models, Station Wagons of today incorporate many mechanical refinements which have been evolved through years of operational experience.

Some of the illustrations in this catalogue show vehicles fitted with optional extras. For full details of the extras available, see separate publication.

109" wheelbase 10-seater.



88" wheelbase 7-seater.



109" wheelbase 12-seater.

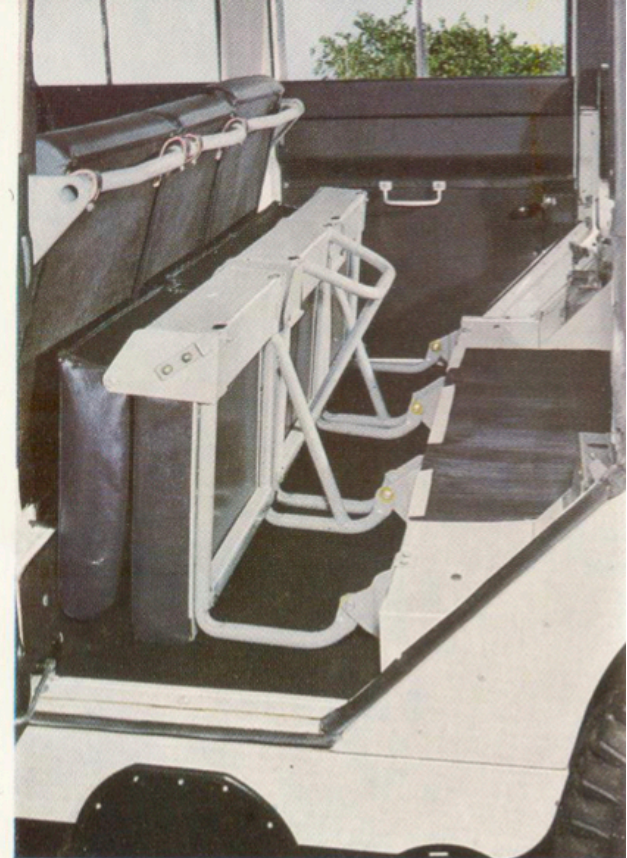


Below. The front compartment of Long Station Wagons has seating for driver and two passengers. The driver's seat is adjustable fore and aft. Door casings are trimmed and padded and there is a trimmed lining for the roof panel.

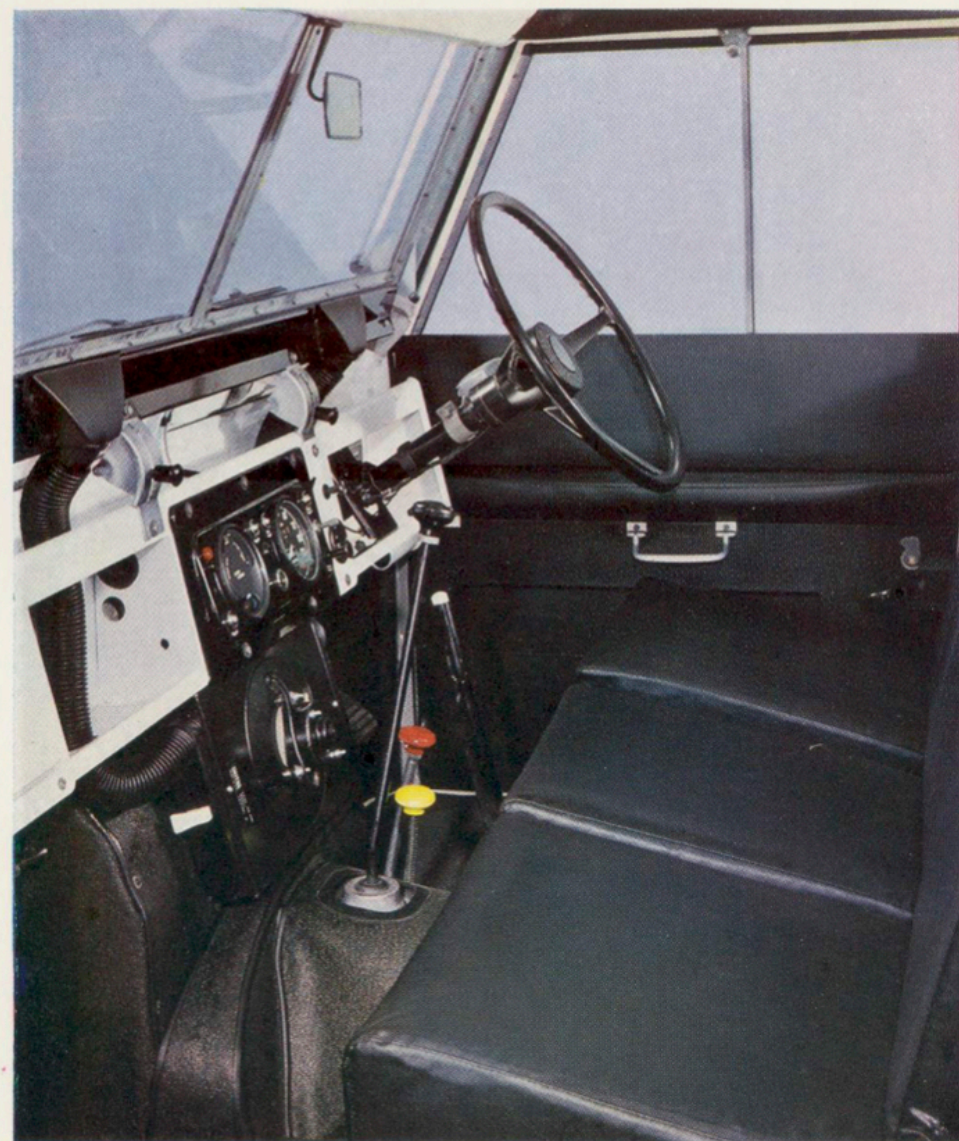
Right. In the 12-seater, there are three forward-facing centre seats. These are replaced in the 10-seater by a full-width bench seat.

Second right. Centre seats of the 12-seater can be folded forward individually to permit side entry into the rear compartment. The bench seat of the 10-seater may be similarly folded.

Below, right. Inward-facing seats are fitted at the rear of Long Station Wagons. They will accommodate four people in the 10-seater or six in the 12-seater. On the 10-seater model, these seats may be folded up to provide more carrying space for equipment.







Driving a Land-Rover Station Wagon can be a very satisfying experience. The comparatively high seating position

affords an excellent view of the road or ground ahead, while all major controls are within comfortable reach. An extended handbrake lever, for example, ensures ease of application by a driver wearing safety harness.

A highly-efficient cab heater is available as an optional extra and ventilation is taken care of by adjustable vents in the dash, sliding windows and ventilators

in the roof. Improved door sealing inhibits the entry of dust and draughts. The driving compartment fitted with standard seating is shown above, right. De Luxe seats (above, left) can be supplied as optional extras. They provide greater comfort and support and add a touch of luxury to the practical interior layout. All upholstery is in hard-wearing black P.V.C.



Three front seats are also provided in the 7-seat Station Wagon. Trimmed and padded door casings and a trimmed roof lining are fitted, as in Long models. At the rear are four inward facing seats. In the down position (above, right) they

offer comfortable travelling accommodation for personnel in an interior that is light and well-ventilated. They can be folded up (above, left) when not required for passengers so that the whole floor area can be used for the carriage of goods and equipment. Access to the rear compartment is gained through a side-opening door at the rear of the vehicle. A folding mounting step is provided.



Seven-seater Station Wagons are based on the 88" wheelbase Regular Chassis (below, right) and possess all the ruggedness and mobility of the basic all-purpose vehicle. Both ten-seater and twelve-seater Long Station Wagons employ the equally versatile 109" wheelbase chassis (below).

The chassis are of immensely strong box-section construction, built to withstand the constant "hammering" of cross-country operation. Being painted on the inside as well as outside the frames are resistant to rust and corrosion over very long periods of use.

Individual components are equally tough and the complete units combine good ground clearance with a low centre of gravity to minimise "grounding" and give stability on steep slopes.



TRANSMISSION

Two- or four-wheel drive. Main gearbox has four forward speeds and one reverse, with synchromesh on third and top. Two additional ratios provided in transfer box giving a total of eight forward and two reverse speeds. Front and rear axles are fully-floating and have spiral bevel drive.



ENGINES

4-cylinder petrol, 4-cylinder diesel or, on Long models, 6-cylinder petrol.



SUSPENSION

Underslung semi-elliptic springs controlled by double-acting hydraulic telescopic shock absorbers.



CHASSIS FRAME

Welded steel box-section of great strength. Cross members give diagonal and torsional rigidity.



POWER TAKE-OFF

Provision for centre and rear power take-off drives. Capstan or hydraulic winch can be fitted at front. (Except on 6-cylinder models).



BRAKES

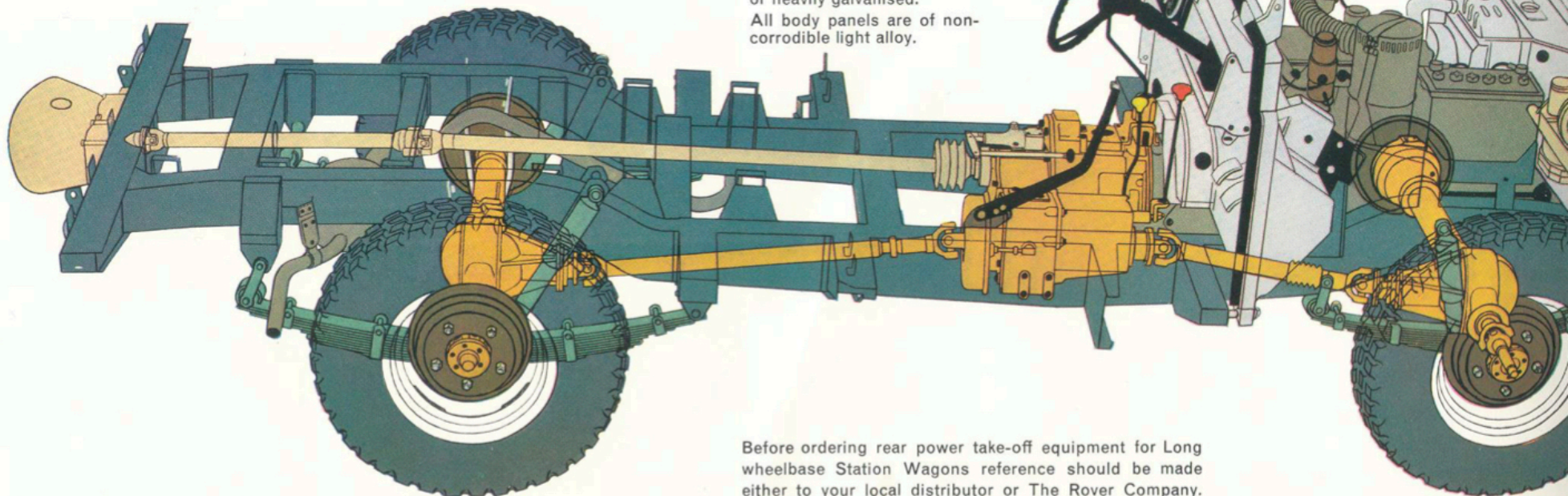
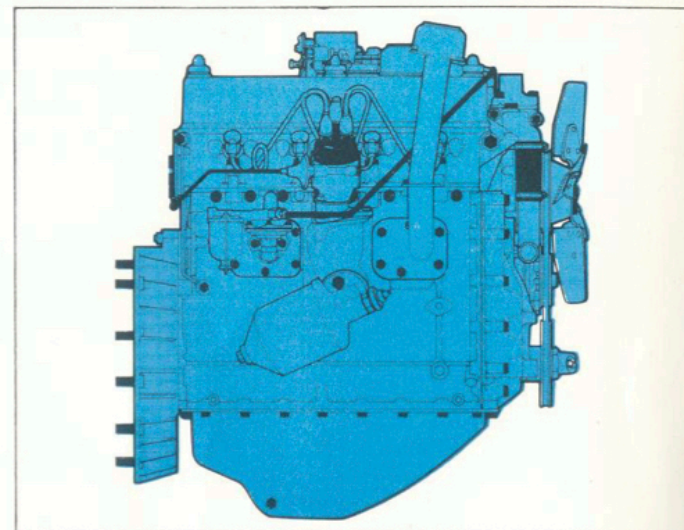
Hydraulic, Servo assistance provided on Long models with 6-cylinder engine.



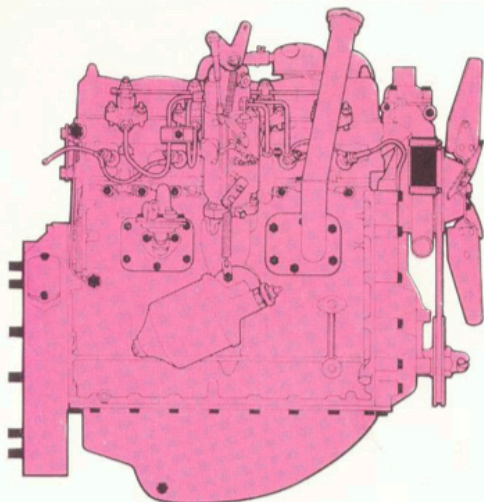
BODY

Steel fittings, including bulkhead and front grille surround, are either treated and painted or heavily galvanised.

All body panels are of non-corrodible light alloy.



Before ordering rear power take-off equipment for Long wheelbase Station Wagons reference should be made either to your local distributor or The Rover Company.



4-CYLINDER PETROL ENGINE

(Extreme left)

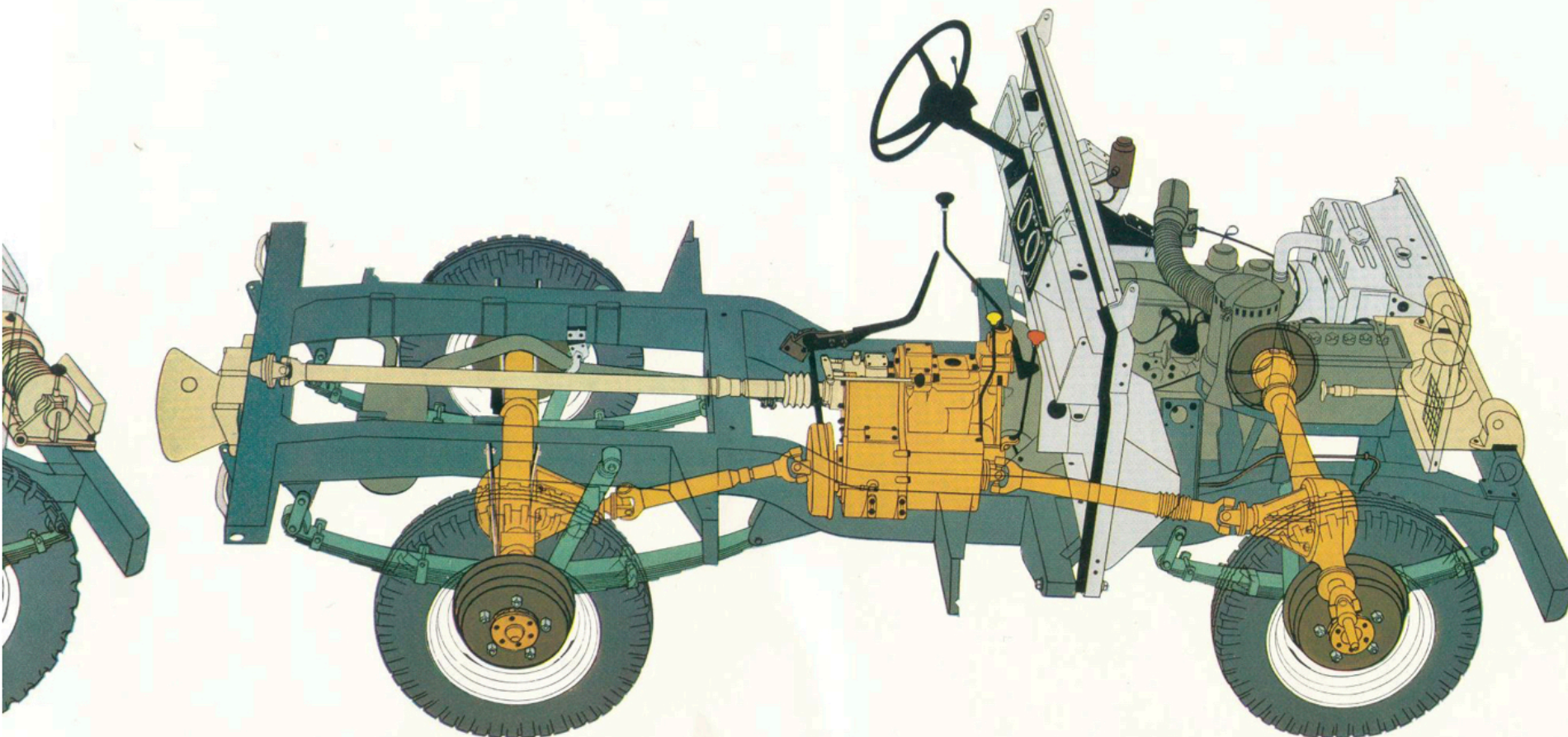
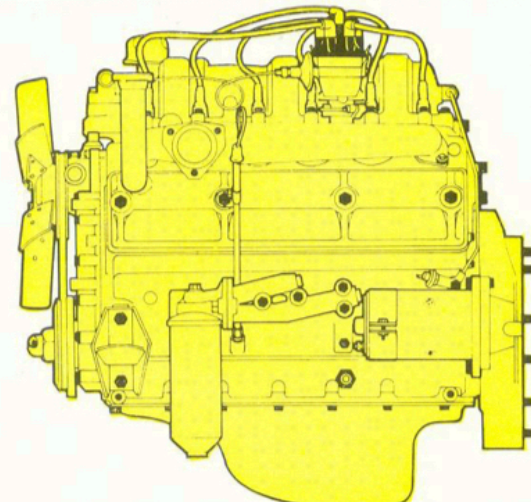
Offered on Regular and Long Station Wagons. It provides ample power for all normal vehicle uses.

4-CYLINDER DIESEL ENGINE (Left)

Diesel power is also available and adds further to the efficiency and economy of the Land-Rover in conditions which favour the use of this type of engine.

6-CYLINDER PETROL ENGINE (Right)

A 2.6-litre, six-cylinder petrol engine is offered as an additional alternative on Long Station Wagons. It provides higher performance and greater speed for frequent road use.



SPECIFICATION

ENGINES

4-CYLINDER PETROL

No. of cylinders	.. 4.
Bore	.. 3-562" (90-47 mm.).
Stroke	.. 3-5" (88-9 mm.).
Capacity	.. 2,286 c.c. (139-5 cu. in.).
Valve position	.. Overhead.
Compression ratio	.. 8 : 1.
Max. B.H.P.	.. 81 at 4,250 rev./min. (Gross).
Max. torque	.. 127 lb. ft. (17-5 Kg.m.) at 2,500 rev./min. (Gross).

LUBRICATION SYSTEM

Type	.. Pressurised by submerged gear type pump.
Filters	.. Pump intake gauze filter in sump and external full flow filter.
Sump capacity	.. 11 pints (13 U.S. pints; 6 litres).

COOLING SYSTEM

Type	.. Pressurised with pump fan and thermostat.
Capacity	.. 14½ pints (21½ U.S. pints; 8-10 litres).

FUEL SYSTEM

Carburettor	.. Zenith down-draught type 36 I.V.
Filters	.. Tank, paper element.
Air cleaner	.. Oil bath with built-in centrifugal pre-cleaner.
Pump	.. Mechanical with sediment bowl and priming lever.

ELECTRICAL SYSTEM

Ignition	.. By coil and distributor.
Starter	.. Solenoid operated by combined ignition/starter switch key.

6-CYLINDER PETROL

(Long Station Wagons only)

No. of cylinders	.. 6.
Bore	.. 3-063" (77-8 mm.).
Stroke	.. 3-625" (92-075 mm.).
Capacity	.. 2,625 c.c. (160-3 cu. ins.).
Valve position	.. Overhead inlet, inclined side exhaust.
Compression ratio	.. 7-8 : 1 (7-0 : 1 optional).
Max. B.H.P.	.. 95 at 4,500 rev./min. (Gross).
Max. torque	.. 134 lb. ft. (18-5 Kg.m.) at 1,750 rev./min. (Gross).

LUBRICATION SYSTEM

Type	.. Pressurised by submerged gear type pump.
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Filters	.. Pump intake gauze filter in sump and external full flow filter.
Sump capacity	.. 12 pints (14-5 U.S. pints—7 litres).

COOLING SYSTEM

Type	.. Semi-sealed and pressurised with pump, fan and thermostat.
Capacity	.. 20 pints (24 U.S. pints—11-4 litres).

FUEL SYSTEM

Carburettor	.. Zenith 175—CD2S.
Filters	.. Tank, sediment bowl and fuel pump.
Air cleaner	.. Oil bath with built-in centrifugal pre-cleaner.
Pump	.. Electric, dual inlet type, located inside right-hand frame side member.

ELECTRICAL SYSTEM

Ignition	.. By coil and distributor.
Starter	.. Solenoid operated by combined ignition starter switch key.

4-CYLINDER DIESEL

No. of cylinders	.. 4.
Bore	.. 3-562" (90-47 mm.).
Stroke	.. 3-5" (88-9 mm.).
Capacity	.. 2,286 c.c. (139-5 cu. in.).
Valve position	.. Overhead.
Compression ratio	.. 23 : 1.
Max. B.H.P.	.. 67 at 4,000 rev./min. (Gross).
Max. torque	.. 105 lb. ft. (14-5 Kg.m.) at 1,800 rev./min. (Gross).

LUBRICATION SYSTEM

Type	.. Pressurised by submerged gear type pump.
Filters	.. Pump intake gauze-filter in sump, and external full flow filter.
Sump capacity	.. 11 pints (13 U.S. pints; 6 litres).

COOLING SYSTEM

Type	.. Pressurised, with pump, fan and thermostat.
Capacity	.. 13½ pints (20½ U.S. pints; 7-8 litres).

FUEL SYSTEM

Injector pump	.. C.A.V., D.P.A. distributor type, self-governing.
Injector type	.. C.A.V. Pintaux.
Filters	.. Sediment bowl on mechanical fuel pump, paper type filter, fuel tank.
Air cleaner	.. Oil bath with built in centrifugal pre-cleaner.
Pump	.. Mechanical with hand primer (high pressure type).

ELECTRICAL SYSTEM

Starter	.. Key switch and solenoid.
Heater plugs	.. Coil element 1-7 volts 36/42 amps. Operation — Combined with starter switch key.

TRANSMISSION

CLUTCH

Type	.. 2½ L. petrol. Single dry plate 9" (230 mm.) diameter. Multi-coil spring type.
	.. 2½ L. diesel. Single dry plate 9½" (241 mm.) diameter. Diaphragm spring type.
	.. 2-6 L. petrol, 6-cylinder. Single dry plate, 9½" (241 mm.) dia. Diaphragm spring type.
Operation	.. Hydraulic.

MAIN GEARBOX

Type	.. Single helical constant mesh with synchromesh on top and third speeds.
Oil capacity	.. 2½ pints (3 U.S. pints; 1-5 litres).

TRANSFER GEARBOX

Type	.. Two-speed reduction on main gearbox output.
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Four wheel drive	.. Two/four wheel drive control on transfer box output.
Oil capacity	.. 4½ pints (5½ U.S. pints; 2-5 litres).

PROPELLER SHAFTS

Type	.. Open, to front and rear axles.
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REAR AXLE

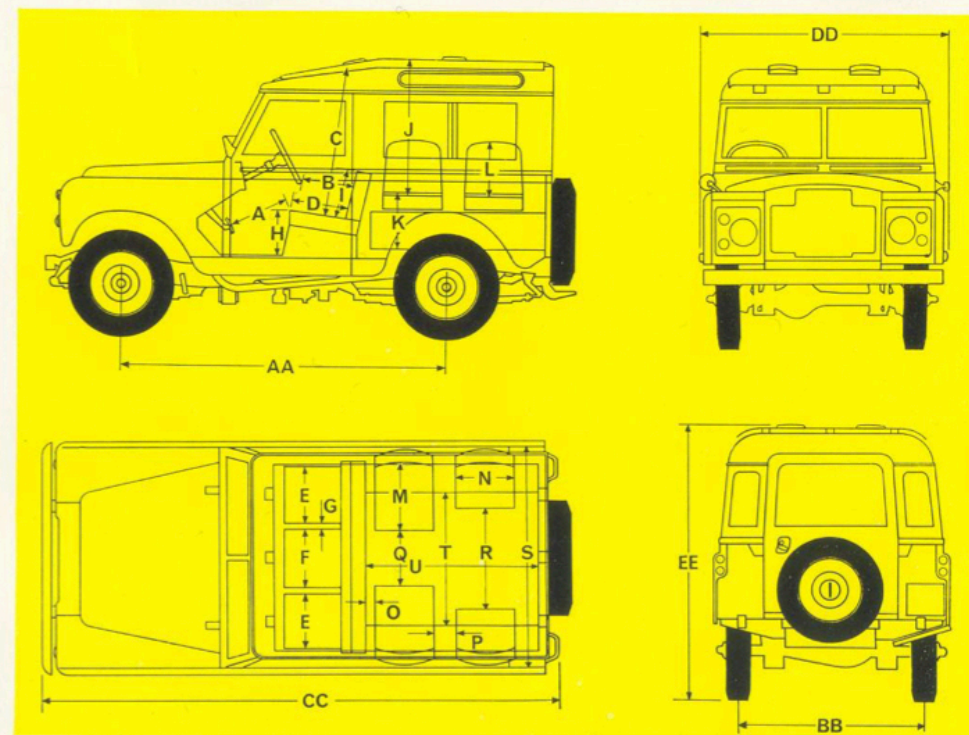
Type	.. Spiral bevel; floating shafts.
Ratio	.. 4-7 : 1.
Oil capacity	.. 3 pints (3½ U.S. pints; 1-7 litres).

FRONT AXLE

Type	.. Spiral bevel; floating shafts.
Ratio	.. 4-7 : 1.
Oil capacity	.. Differential, 3 pints (3½ U.S. pints; 1-7 litres). Universal joint housing, 1 pint (1½ U.S. pints; 0-57 litres).

OVERALL RATIOS (Final Drive)

	High Transfer	Low Transfer
Top ..	5-4 : 1	11-1 : 1
Third ..	8-05 : 1	16-5 : 1
Second ..	12-0 : 1	24-6 : 1
First ..	19-4 : 1	39-7 : 1
Reverse ..	16-3 : 1	33-2 : 1



POWER TAKE-OFF POINTS

Central, bottom and rear power take-off drives available as optional extras.

CHASSIS DETAILS

FRAME

Type Welded fabricated box section side and cross members, black enamel dipped.

Front bumper .. Channel section, galvanised.

SUSPENSION

Road springs .. Semi-elliptic, underslung.

Shock absorbers .. Hydraulic double acting telescopic.

STEERING

Type Recirculating ball, worm and nut.

Steering wheel diameter 17" (43.18 cm.).

Turning circle .. 88" (with 6-00" x 16" tyres)—38 ft. (11.6 m.). 109" (with 7-50" x 16" tyres) 47 ft. (14.3 m.) diameter.

Number of turns lock to lock—3½.

BRAKES

Foot brake .. 2½ L. 4 cyl. models. Hydraulic drum brakes. 88"—leading and trailing shoes 1½" wide. 109"—Two leading shoes on front, leading and trailing shoes on rear. 2½" wide.

2-6 L. 6 cyl. models. Hydraulic drum brakes, 11" dia., servo assisted.

Front: Two leading shoes, 3" wide.

Rear: Leading and trailing shoes, 2½" wide.

Hand brake .. Mechanical internal expanding drum brake on transfer box output.

WHEELS AND TYRES

Wheel type .. Ventilated disc.

Wheel size .. 88"-5-00" F x 16". 109"—5-50" F x 16".

Standard tyre and tube size .. 88"—6-00" x 16. 109"—7-50" x 16.

Standard tread .. Dual-purpose (road and cross-country).

FUEL SYSTEM

Fuel tank Carried outside side member under right-hand seat on 88" and between side members behind rear axle on 109". Fitted with protective underplate and telescopic external filler tube.

Capacity 88"—10 gallons (12 U.S. gallons; 45 litres).

109"—16 gallons (19 U.S. gallons; 73 litres).

CHASSIS OPTIONAL EQUIPMENT

Includes Extra instruments, 12 volt alternator, winches, towing equipment, special protective devices, and special purpose tyres. See separate publication for details.

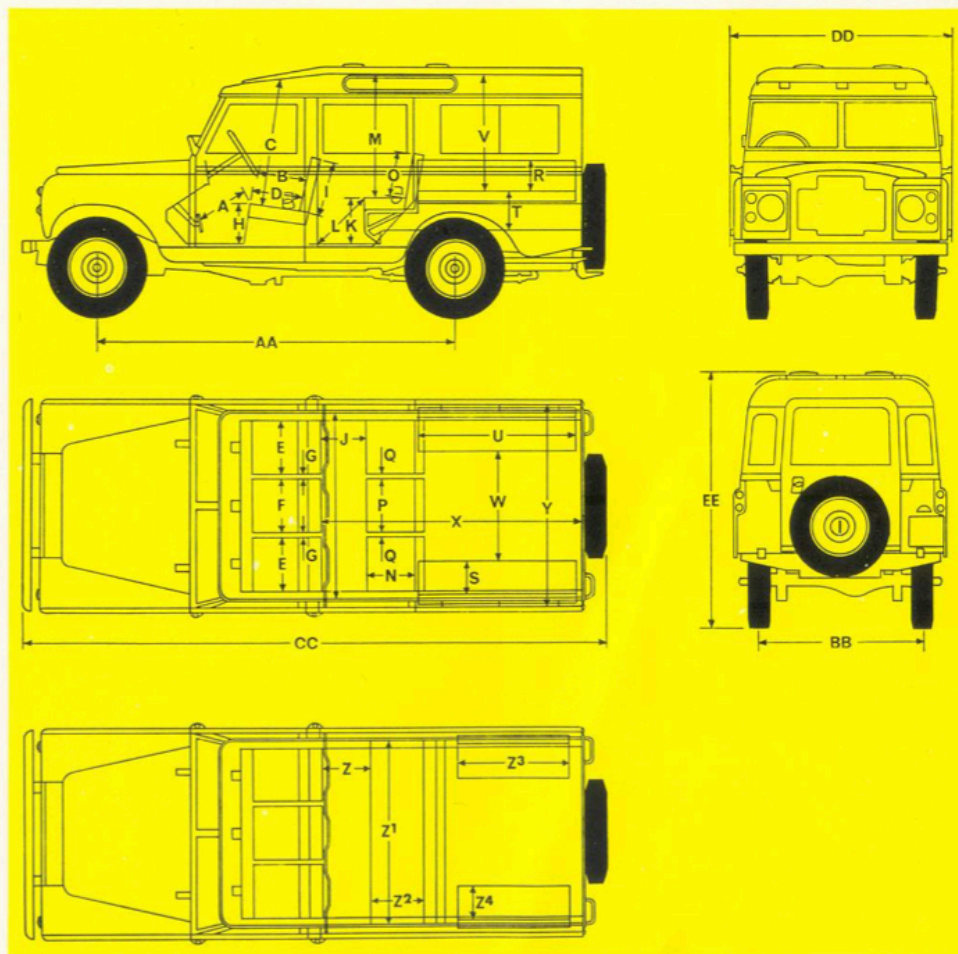
DIMENSIONS

10- AND 12-SEATER STATION WAGONS

DIMENSIONS

7-SEATER STATION WAGON

		Ins.	Metres
AA	Wheelbase	88	2.23
BB	Track	51.5	1.308
CC	Overall length	142.5	3.62
DD	Overall width (over hinges)	66	1.68
EE	Overall height	76.5	1.94
—	Ground clearance	7.00	0.178
A	Front cushion to accelerator pedal	17.25	.438
B	Front squab to steering wheel	14.5	.368
C	Headroom, front seat ..	39	.99
D	Front to rear of front cushion	16.5	.42
E	Width of front cushion ..	18	.457
F	Width of front centre cushion	15	.381
G	Width between front seats ..	1	.025
H	Top of front cushion to floor	14.5	.368
I	Front squab height	18	.457
J	Headroom, rear seat	35	.890
K	Top of rear cushion to floor	14.5	.368
L	Rear squab height	18	.457
M	Front to rear of rear cushion	18	.457
N	Width of rear cushion	16	.406
O	Width between front squab and rear cushion	5	.127
P	Width between rear cushions	3	.076
Q	Width across body between rear cushions (seats down)	14	.357
R	Width across body between rear cushions (seats up)	38	.965
S	Interior width of body at rear seats	56.25	1.429
T	Interior width of body between rear seat boxes	36.3	.922
U	Interior length of body between front squabs and rear door	43	1.09



		Ins.	Metres
AA	Wheelbase	109	2.768
BB	Track	52.5	1.562
CC	Overall length	175.00	4.441
DD	Overall width (over hinges)	66.00	1.676
EE	Overall height	79.0	2.01
—	Ground clearance	8.25	0.209
A	Front cushion to accelerator pedal	17.25	.438
B	Front squab to steering wheel	14.5	.368
C	Headroom, front seat ..	39.00	.991
D	Front to rear of front cushion	16.00	.406
E	Width of front cushion ..	18.00	.457
F	Width of front centre cushion	15.00	.381
G	Width between front seats ..	1.00	.025
H	Top of front cushion to floor	14.5	.368
I	Front squab height	17.00	.431
J	Front squab to centre cushion	12.5	.318
K	Top of centre cushion to floor	14.5	.368
L	Centre cushion to front seat box	18.75	.476
M	Headroom, centre seat ..	37.5	.952
N	Front to rear of centre cushion	14.5	.368
O	Front squab height	15.00	.381
P	Centre cushion width	15.50	.393
Q	Width between centre cushions	1.00	.025
R	Rear squab height	12.5	.317
S	Front to rear of rear cushion	13.00	.330
T	Top of rear cushion to floor	12.25	.311
U	Length of rear cushion minimum	48.00	1.219
V	Headroom, rear seat	34.5	.876
W	Width between rear seats	28.75	.730
X	Length of body between front squabs and rear door	80.00	2.032
Y	Interior width of body	56.875	1.44
Z	Front squab to centre cushion (10 str.)	16.00	.406
Z1	Centre cushion width (10 str.)	50.5	1.283
Z2	Front to rear centre cushion (10 str.)	14.5	.368
Z3	Length of rear cushion (10 str.)	32.25	.819
Z4	Front to rear of rear cushion (10 str.)	13.00	.330

ELECTRICAL EQUIPMENT AND INSTRUMENTATION

ELECTRICAL SYSTEM

Type Negative earth.
Voltage 12 volt. Diesel—two 6 volt
batteries in series.

ELECTRICAL EQUIPMENT

Battery Petrol—58 A.H. Diesel—
120 A.H.
Generator Fan ventilated dynamo, 22
amperes output.
6-cylinder 30 amps. output.
Compensated voltage control—2½ petrol. Current voltage
control—diesel and
6-cyl. petrol.
Windscreen wiper Dual arm.
Horn Windtone. Horn push in
centre of steering wheel.

INSTRUMENTS AND CONTROLS

Speedometer .. Large diameter with total
mileage recorder including
oil pressure, headlamp
main beam and cold start
warning lights.
Water temperature
and fuel gauges .. Combined in one large dial
which also includes the
charging warning light.
Panel light .. Illuminating speedometer,
water temperature and fuel
gauges. Switch operates
when side and tail lamps
are "on".
Petrol model .. Ignition switch. Operated
by key. Toggle switch for
head, side and tail lamps.
Ignition warning light: red.
Choke warning light:
amber. Oil pressure warning
light: green. Headlamp
main beam warning light:
blue.
Diesel model .. Lighting switch: toggle
switch for head, side and
tail lamps.
Heater/starter/auxiliary
switch: Operated by key.
Engine stop control: located
on dash.

Charging warning light: red.
Heater plug warning light:
amber. Oil pressure warning
light: green. Main beam
warning light: blue. Fuel
tank level warning light:
blue.
Engine speed hand control.
Headlamps — mounted in
front wings.
Side-lamps and flasher
lamps — mounted in front
wings.
Tail lamps—twin units having
double filament stop/
tail bulbs and incorporating
number plate illumination.
Separate flasher
lamps at rear.
Dip switch — mounted on
floor.

Lighting

BODY

CONSTRUCTION

All body panels are of non-corrosive light alloy,
and all external steel fittings are heavily gal-
vanised.

OPTIONAL EQUIPMENT

Includes heater and various interior equipment.
See separate booklet for details.

COLOURS

In the colour schemes shown below the colours
marked * are standard, while those marked † are
optional and subject to an extra charge.
Variations in body colours are possible for
particular requirements in regard to fire appli-
ances and special fleet customer specifications.
Quotations may be obtained from the factory on
request.

Body Colour	Road Wheels	Home	Export
Bronze green	Bronze green	*	*
Sand	Limestone	†	*
Light green	Limestone	*	*
Marine blue	Limestone	*	*
Limestone	Limestone	*	*
Mid grey	Limestone	*	*
Red	Red	†	†
Mist coat white	Primer	*	*

Trim	Colour	Home	Export
Interior trim & seats	Black	*	*
Interior trim & seats	Red	Fire Engines only	*
Roof interior lining	White	*	*

CONSTANTS WITH ALL COLOUR SCHEMES

Tropical roof Chassis frame	Limestone Black
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PERFORMANCE

PAYLOADS

	88"	109"
Roadwork	7 persons plus 100 lb. (45 Kg.)	10 persons plus 400 lb. (181 Kg.)
Cross-country	6 persons plus 50 lb. (23 Kg.)	10 persons plus 200 lb. (91 Kg.)

WEIGHTS

	88"			109"		
	Front axle lb. Kg.	Rear axle lb. Kg.	Total lb. Kg.	Front axle lb. Kg.	Rear axle lb. Kg.	Total lb. Kg.
Petrol						
Unladen, plus 5 galls. fuel.. ..	1,724	1,557	3,281	1,739	2,013	3,752
	782	706	1,488	789	913	1,702
Max. allowable gross weight, normal road work	1,828	2,625	4,453	2,140	3,765	5,905
	830	1,190	2,020	970	1,710	2,680
Cross-country, standard road springs	1,828	2,425	4,253	2,140	3,565	5,705
	830	1,100	1,930	970	1,620	2,590
Diesel						
Unladen, plus 5 galls. fuel.. ..	1,814	1,611	3,425	1,846	2,076	3,922
	823	731	1,554	837	942	1,779
Max. allowable gross weight, normal road work	2,140	2,625	4,765	2,320	3,765	6,085
	971	1,190	2,161	1,052	1,708	2,760
Cross-country, standard road springs	2,140	2,425	4,565	2,320	3,565	5,885
	971	1,100	2,071	1,052	1,617	2,669

	88"		109"		109" 2-6 L. Petrol
	Petrol	Diesel	Petrol	Diesel	
Max. drawbar pull	4,000 lb. 1800 kg.	3,300 lb. 1497 kg.	3,500 lb. 1600 kg.	2,900 lb. 1315 kg.	3,890 lb. 1765 kg.
Max. gradient					
Unladen	45°	45°	45°	45°	45°
Laden	37°	30°	39°	29°	41°



By appointment to Her Majesty Queen Elizabeth II
Manufacturers of Motor Cars and Land-Rovers
The Rover Company Limited

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For Regular, Long, Forward Control and 1-Ton Models see Publications numbered 755, 756, 707 and 764 respectively.

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THE QUEEN'S AWARD
TO INDUSTRY 1966