RANGE ROVER

The 4 wheel drive Range Rover is firmly established as one of the world's most admired and desirable vehicles. This classic design provides a unique combination of peerless styling, outstanding luxury, strong performance and astonishing versatility. ❧ The unique principle on which the Range Rover design is based is both straightforward and well known. Expressed simply, it is to combine the best attributes of a well-bred luxury vehicle with off-road performance at the most serious level. ❧

The handsome alloy body blends character with class, and rides on a steel chassis of immense strength. Lines that transcend the whims of fashion are one of many keys to the Range Rover's international success. ❧ This is the luxury 4 wheel drive that looks, and feels, equally at home threading its way through city streets, sweeping along an expressway, towing a horsebox to the races, or exploring the outback far from civilisation. ❧ Indeed, if the Range Rover's sole designated function was to tame hostile conditions – mountain tracks, desert roads, jungle swamps – its success would be assured on that basis alone. ❧

But it's a measure of its matchless versatility that the Range Rover brilliantly succeeds in its equally important role of providing supremely comfortable transport on highways as well as byways. ❧ Built by Land Rover – a name synonymous with engineering excellence for more than 40 years – The Range Rover sets standards by which others are measured. Powered by a choice of engines – the fuel injected 3.5 litre V8 or the 2.4 litre turbocharged diesel – the 1989 models confirm the Range Rover's unique status by offering even more luxury and refinement. ❧

R.R. $12,000
$80,000

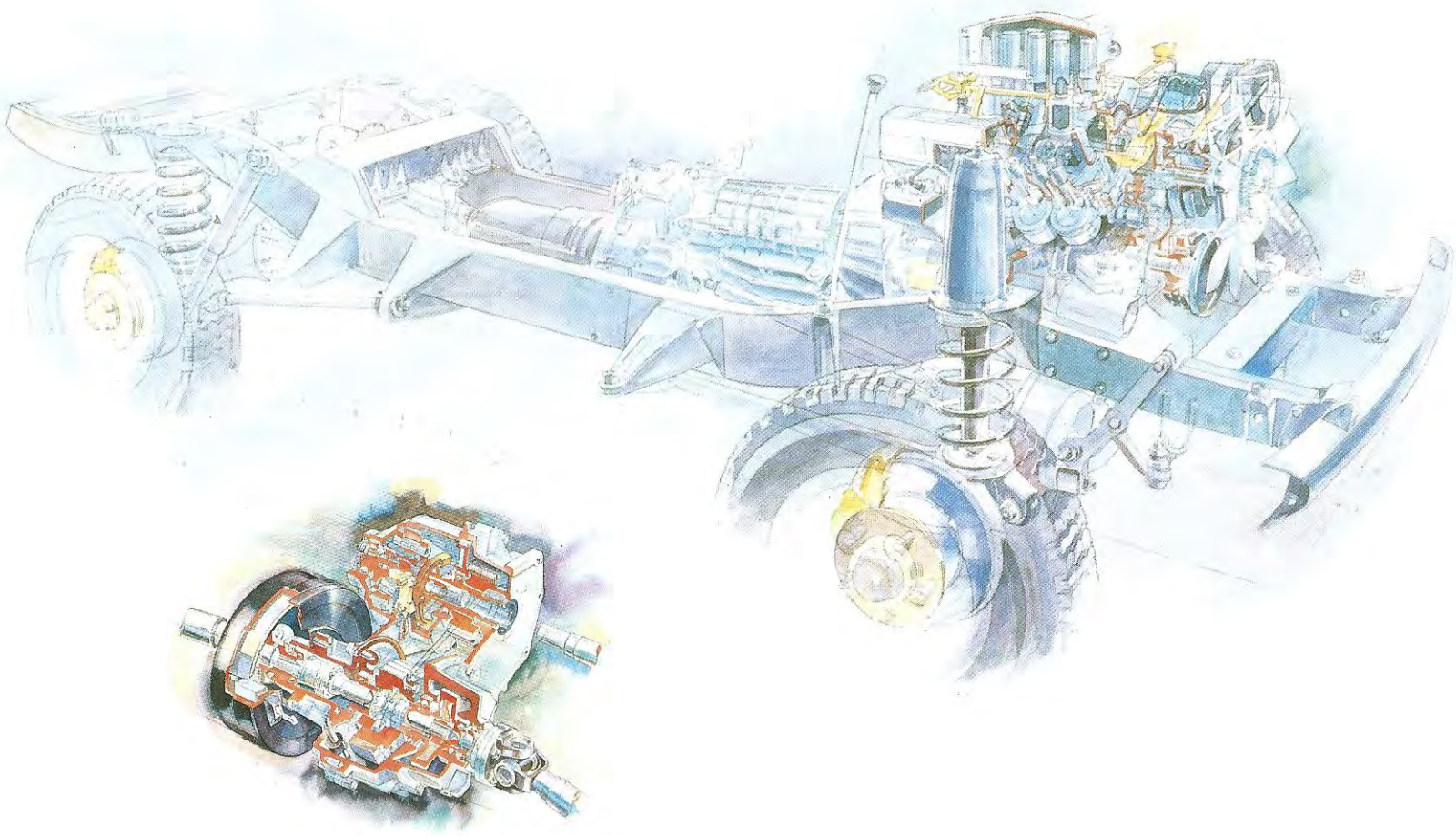
Put five business people inside, point it up a busy expressway or down a congested street in the city and a remarkable transformation occurs. ❧ The load area which so comprehensively engulfed camping gear, fishing rods and hampers, now proves equally accommodating in the matter of briefcases, suitcases and golf bags. ❧ The imperious driving position which gave you so commanding a view of potential hazards on the mountain track, now allows you to take an equally lofty and far sighted view on a traffic-congested highway. ❧ The all aluminimum fuel injected V8 engine which powered you up steep gulleys and through axle deep mud, now settles down into a quiet, loping stride which makes short work of the long haul. ❧ The air conditioning (standard on the Vogue) which proved such a boon in the Outback now ensures that you arrive relaxed and refreshed for a, possibly heated, business meeting. ❧

When you first drive a Range Rover across a ferociously cambered hillside or along a treacherous stream bed, you discover the sheer exhilaration of being in complete control of what would be, under ordinary circumstances, a decidely tricky situation. ❧ The Range Rover's commitment to off-road performance is total. Which is why, although it is the most civilised of vehicles, it is, for many owners, at its best when it leaves civilisation far behind. ❧

The Range Rover is, among many other things, a supremely practical vehicle. ❧ But a clear differentiation between the practical and the merely utilitarian has always been fundamental to the Range Rover concept. The Vogue provides ample reassurance that Range Rover designers have remained true to that concept. ❧ Look, for instance, at the beautifully finished door inners – with their integral armrest, polished American walnut inserts and cloth trim, in Winchester (a muted grey), or Brogue (a handsome shade of brown) to match the fabric on the Vogue's supportive seats. ❧ Examine a list of amenities which goes all the way from variable delay, intermittent wiper action, to central locking for all four doors and tailgate. ❧ Experience the silky power of the Range Rover's famous all aluminimum V8 engine. ❧ And discover to your surprise perhaps, that features like power steering, optional automatic transmission and superb all round vision, combine to make the Range Rover as easy to drive as a luxury saloon … as easy, but infinitely more rewarding. ❧

If your decision to purchase a Range Rover is largely prompted by its formidable reputation as a rugged workhorse and tireless load carrier, the Turbo D model thoroughly merits your consideration. ❧ Its 84 kW, turbocharged intercooled power unit develops a thumping 248 Nm of torque – more than enough to allow it to tow horseboxes, generator sets and trailers, with ease… and to make light work of towing loads up to 3,500 kilograms (where legally permissible). ❧ What the Range Rover's 2.4 litre diesel engine does is impressive enough. The manner in which it does it is even more so. It is a remarkably refined unit: smooth, tractable and astonishingly economical into the bargain. ❧ It is also extremely quiet: the thorough sound proofing measures applied to every other Range Rover apply equally to the Turbo Diesel. ❧

The Range Rover's massive, box section steel frame gives it unequalled backbone. ❧ Its high ground clearance and long travel, pliant suspension, gives it impressive agility over rocky ground. ❧ Its permanent 4 wheel drive system – incorporating a chain driven transfer box, with a viscous control unit which automatically acts as a differential lock, when required, by ensuring equal power distribution to both drive shafts – provides unsurpassed traction on the most treacherous of surfaces. ❧ Its ride-levelling unit enables it to maintain its poise, no matter how heavily it's laden. Nothing is designed like it. Nothing is built like it. The Range Rover is unique. And incomparable. ❧



-THE RANGE ROVER-

RIDE LEVELLING DEVICE:

Maintenance free self energising Boge-Hydromat ride level unit is fitted to rear axle. Internal relief valve prevents the unit energising when overloaded.

SUSPENSION:

Long travel, coil spring suspension, dual rate at rear. Axle location by radius arms with Panhard rod (front) and trailing links and central A frame (rear). Long stroke hydraulic telescopic dampers.

HEATING AND VENTILATION:

Through flow heating and ventilation for fresh or re-circulated air with ram air facility: three speed fan, face level vents, rear extractor grilles, heater ducting to rear, side window demisters. Air conditioning system upgraded.

STEERING:

Power assisted steering with damper and safety column. 3.375 turns lock to lock.

WINDSCREEN WIPERS AND WASHERS:

Single steering column mounted stalk operates two speed wipers, flick wipe, variable intermittent wipe and programmed wash and wipe sequence. Revised rear wash and wipe programme with intermittent facility operated from separate steering column switch.

LIGHTING:

Quartz halogen headlamps (60 watt main, 55 watt dipped); with ignition override, side lamps, indicator lamps/hazard warning, stop/tail reversing; rear fog guard and number plate lamps. Interior lamps with delay system; automatic underbonnet inspection lamp.

BRAKES:

Hydraulic disc brakes on all four wheels with servo-assistance. Dual circuit piping. Drum type handbrake operating on transfer box rear shaft.

TOWING:

Chassis inherently strong for towing.

AXLES:

Beam type axles front and rear incorporating spiral bevel type differentials and fully floating axle shafts. Differential ratio 3.54:1. Front axle incorporates enclosed

WHEELS AND TYRES:

Vogue: Michelin XM+S 244 reinforced (tubeless) 205 R16 tyres on alloy wheels. 4 door Standard. EFI fitted with Michelin XM+S 244 reinforced (tubed) 205 R16 tyres on steel wheels. Turbo D fitted with Michelin XM+S reinforced (tubed) 205 R16 tyres on steel wheels.

ELECTRICAL SUPPLY:

Petrol models: 12v negative earth system Heavy-duty maintenance free 65 amp output alternator 20 fuses. Battery reserve 180/78, 89A/min/v, electronic ignition for optimum engine tune. Diesel models; 12v negative earth system with twin 12 volt batteries ensuring optimum starting through the glow plugs.

CONSTRUCTION:

Electrophoretically corrosion proofed welded box section chassis. Pressed steel body frame. Body panels generally of lightweight, rust proof aluminium alloy.

SEATING:

All models feature reclining front seats and rear seat for three passengers which folds to increase payload area. 4 door derivatives also feature height adjustable front seats and seatbelts, with seat mounted buckles.

MISCELLANEOUS:

Soft feel steering wheel, sun visors with passenger's vanity mirror and driver's ticket pocket, tinted glass, laminated windscreen, parcel tray, passenger grab handle, door mounted rear view mirrors, cigar lighter, heated rear window, rear mud flaps, central locking including tailgate and fuel filler flap. Electric windows with single touch descending action on driver's window. Heated front washer jets.

PETROL INJECTED ENGINE:

Eight cylinders in vee formation, aluminium construction with five bearing crankshaft and self-adjusting hydraulic tappets Bore 88.9mm (3.5 in). Stroke 71.1mm (2.8 in). Cubic Capacity 3528 cc (215 cu in). Compression ratio 8.13:1 Max Power (DIN net) 112 kW (150.0 bhp) at 4750 rpm. Max Torque 257.6 Nm (190.0 lbf ft) at 2500 rpm.

INTERCOOLED TURBOCHARGED DIESEL ENGINE:

Intercooled turbocharged diesel engine with four cylinders inline. Aluminium cylinder heads with cast iron cylinder liners and cast iron crankshafts. Bore 92.0mm (3.6 in). Stroke 90.0mm (3.5 in) Cubic capacity 2393 cc (146 cu. in) Compression ratio 21.5:1, Max Power (DIN net) 84 kW, (112.6 bhp) at 4200 rpm. Max Torque 248.0.Nm (183.0 lbf ft) at 2400 rpm.

AUTOMATIC TRANSMISSION:

ZF automatic gearbox incorporating four forward and one reverse speeds, manual override and kickdown. Chain driven transfer box giving permanent four wheel drive high (1:2058) and low (3:2431) ratios. Central differential with viscous control unit. Gear ratios: 1st. 2.4795; 2nd. 1.4793; 3rd. 1.0000; 4th. 0.7281; R. 2.0857.

5 SPEED MANUAL TRANSMISSION:

Manual gearbox incorporating five forward and one reverse speeds, manually operated with synchromesh on all forward gears. Chain driven transfer box giving permanent four wheel drive high (1:2058) and low (3:2431) ratios. Central differential with viscous control unit. Gear ratios: Petrol: 1st. 3.321; 2nd. 2.312; 3rd. 1.397; 4th. 1.0; 5th. 0.770; R. 3.429; Diesel: 1st. 3.692; 2nd. 2.132. 3rd. 1.397. 4th. 1.0; 5th. 0.770; R. 3.429.

WEIGHTS

	Front Axle kg	Rear Axle kg	Total kg
3.5L V8 EFI EEC KERB			
4 door 5 speed manual	944	966	1910
4 door 4 speed auto	960	994	1954
2.4L VM TURBO DIESEL EEC KERB			
4 door 5 speed manual	1010	999	2009
GVW	1200	1510	2510

Note: Gross vehicle axle weights are non-additive.

LOAD VOLUMES (MAXIMUM USABLE)

Rear seat up	1.02 m^3	(136.2 ft^3)
Rear seat down	2.00 m^3	(70.8 ft^3)

DIMENSIONS

Wheelbase	mm (ins)	2540	(100)
Overall Length	mm (ins)	4447	(175)
Overall Height	max. mm (ins)	1792	(71)
Overall Width	mm (ins)	1813	(72)

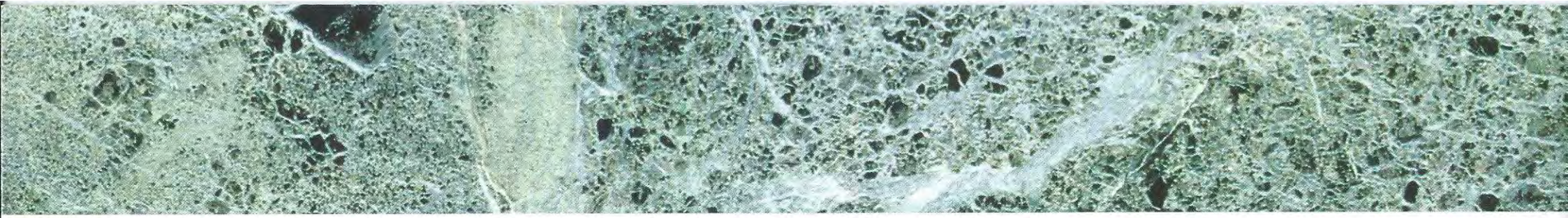
FUEL SYSTEM

79.5 litre (17.5 imp gallon) fuel tank. Diesel.
76.3 litre (16.8 imp gallon) fuel tank. Petrol.

TOWING

		Trailer Weight kg
Unbraked Trailer	on or off road	750
Trailer with over run brakes	on road	3500
	off road	1000
Fully braked trailer	on road	4000
	off road	1000

IMPORTANT: The specifications in this brochure apply to vehicles produced for the Australian market. However some of the photography used in this brochure is for international publication and some of the features depicted therein may not be currently available in Australia. Similarly Land Rover Limited and JRA Limited are constantly seeking ways to improve specifications, design and production of their vehicles and alterations take place continually. Accordingly whilst the specifications outlined in this brochure are correct as at 1st March 1989 this publication should not be regarded as an infallible guide to current specifications nor does it constitute an offer for sale of any particular vehicle. Dealers and distributors are not agents of Land Rover Limited or JRA Limited and have absolutely no authority to bind Land Rover or JRA Limited by any express or implied undertaking or representation. Range Rover is distributed by JRA Limited (Incorporated in N.S.W.) Cnr. Heathcote & Church Roads Moorebank, NSW 2170 Australia. Publication Number RR5/89



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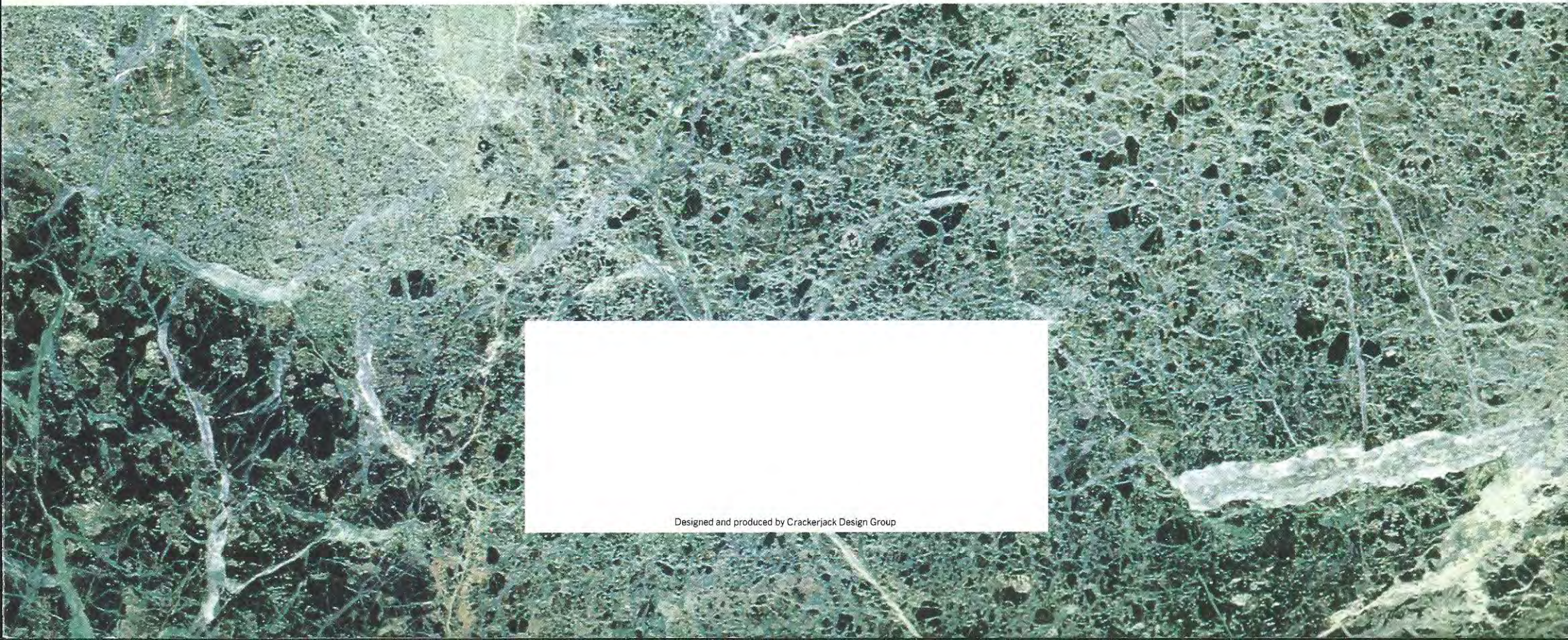

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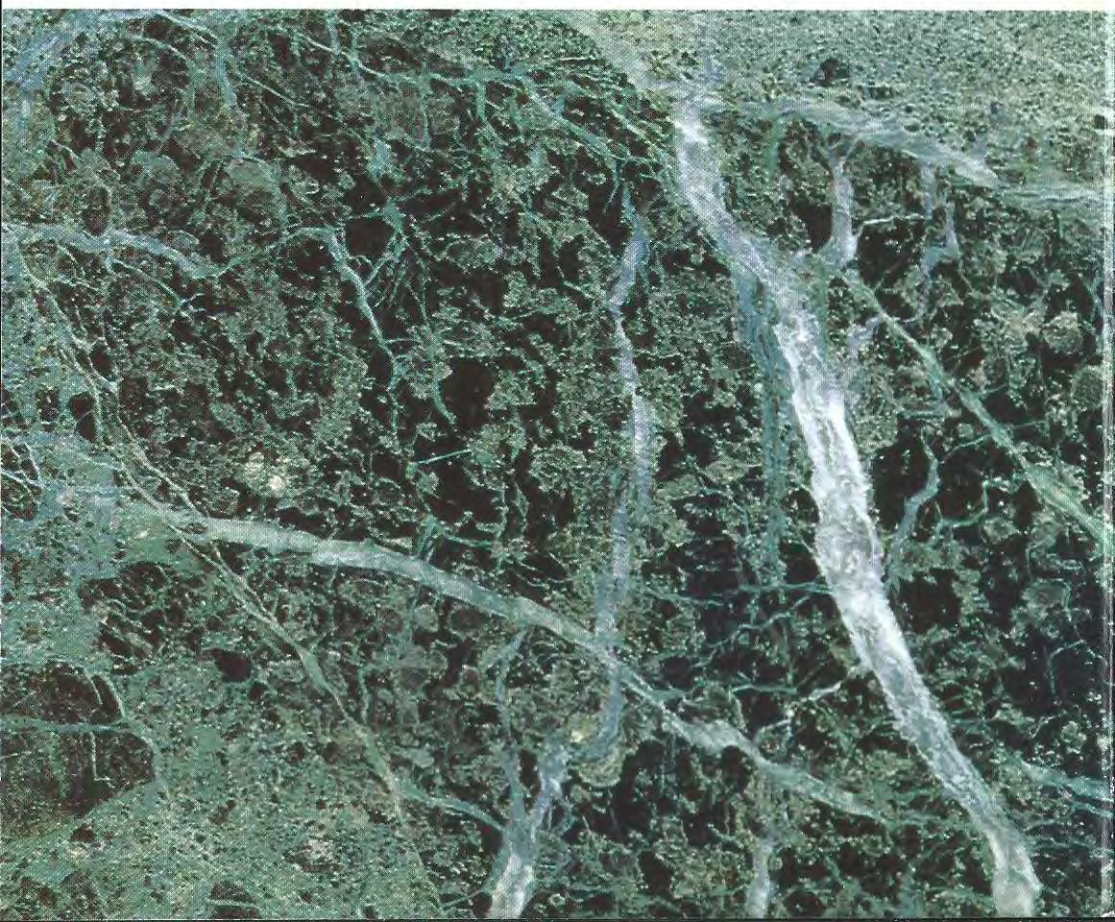

VOGUE

- Front spoiler with driving lights
- Leather covered steering wheel
- American Walnut door inserts
- Assymetric split rear seat with integral headrests
- Electrically adjustable, heated door mirrors
- Side rubbing strip
- Coded Radio/Cassette installation
- 4 speakers
- Air conditioning

OPTIONS

- Electric slide and tilt sun roof
- Automatic transmission

4 DOOR STANDARD AND TURBO D

- 4 speakers
- Central locking including tailgate and fuel filler flap
- Electric windows

OPTIONS

- Air conditioning
- Automatic transmission
- Metallic paint