Renault 5





The Renault 5 is an exciting new development in car design – two cars in one. The Renault 5 was designed to cover both your town and country driving needs with equal ease. At last, one car to answer all your driving problems – in town, in the country or on the open road. The Renault 5 is a small versatile car – only 11 ' 6 " long. Light to handle, with a turning circle of only 32½ ', it's so easy to manoeuvre. It's the ideal car for town driving with all the usual problems of parking and congested streets. The Renault 5 is a pleasure to drive on the open road. The engine is sensitive and responds well for the fast acceleration you need for overtaking and has a high top speed. The Renault 5 has three doors.



The Renault 5 is fully equipped, it has all the extras and refinements you could ask for, but none of the unnecessary trimmings.
It is very roomy, very comfortable, but above all very safe because, like all our models, it was designed to have good road holding and exceptional stability. The bodywork is of an all-steel construction which, combined with a rigid floor, gives an extremely resistant body structure.

The Renault 5 is available in two versions, the 5L with 845 c.c. engine and 5TL of 956 c.c. All illustrations and descriptions in this brochure refer to the 5TL. The specification differences will be found on the specification page.



Comfort is one of the Renault 5's strong points. The average small car is fine for a short run but very tiring when it comes to a long journey. Since the Renault 5 was also designed for the open road it does not fall into this trap. It offers passengers all the comfort they need. One of the principal reasons for the comfort of the Renault 5 is the flexibility of the independent suspension system. It irons out pot holes in the road, eliminating vibrations from the body of the car.

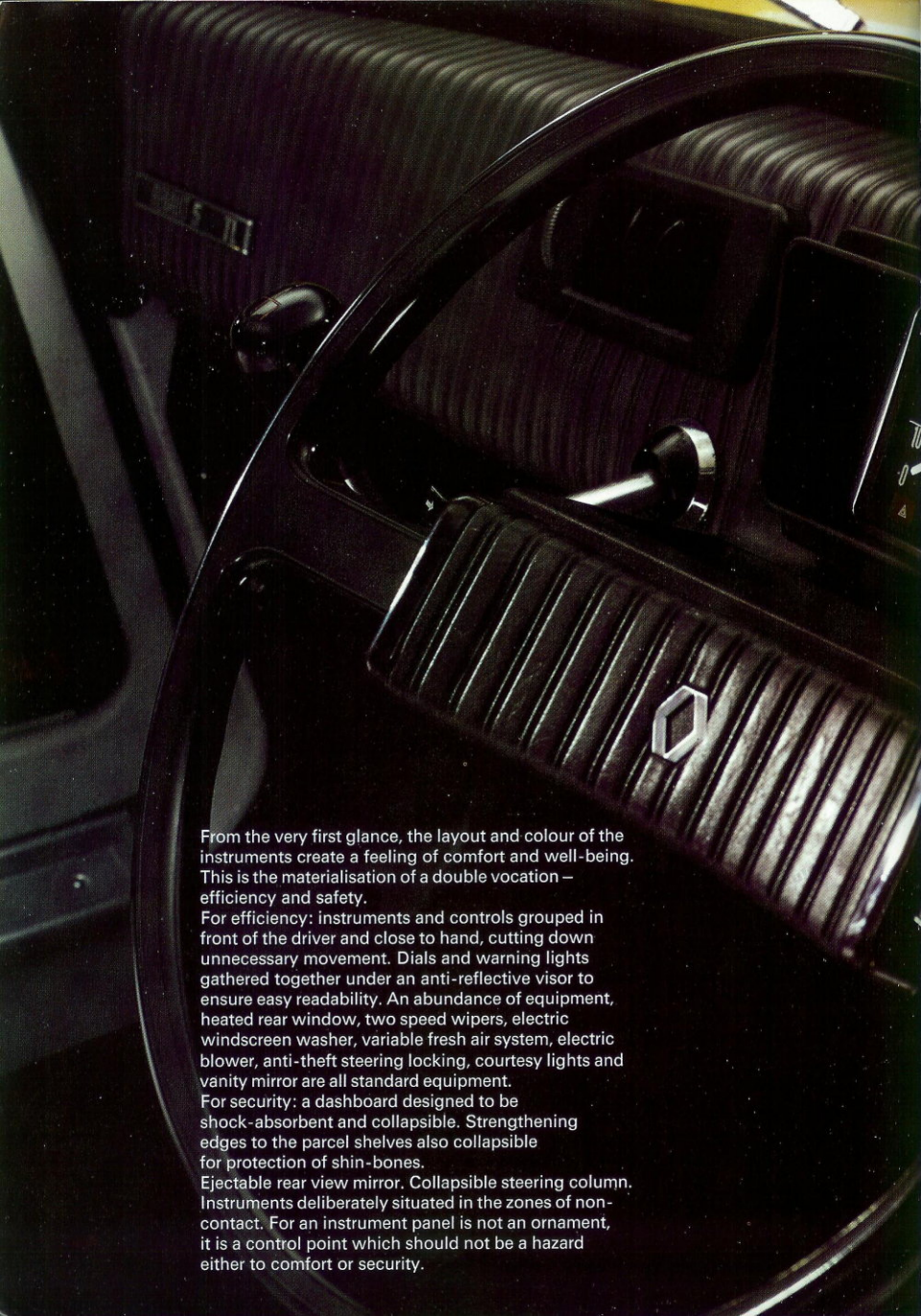
Harmonised to the suspension are the seats of the Renault 5. The seats were designed on the same well proven principles governing all Renault seating. As a result of studies made by physiologists on the most comfortable sitting positions available within the space of the car, the Renault 5 has seats that are not only deep and comfortable, but also help to eliminate travel weariness. The front seats are fully reclining and the rear seat can be folded flat for additional luggage space.

The Renault 5 has two side doors and front seats that tip forward to give easy access to the back seat. There is also a full size lift-up tailgate to the luggage compartment.

These are just some of the many things that go to make the Renault 5 so comfortable – exceptionally so for a car of its size. There is exceptional interior space: 50" elbow room in the front and 49" in the back; 38" headroom in the front and 37" in the back. The Renault 5 really is a four seater, both spacious and comfortable with room to spare.



Interior Trim
Black vinyl is available as an alternative interior trim colour to the "wet look" illustrated here. Also, cloth covered seats are available as an optional extra on all TL models.

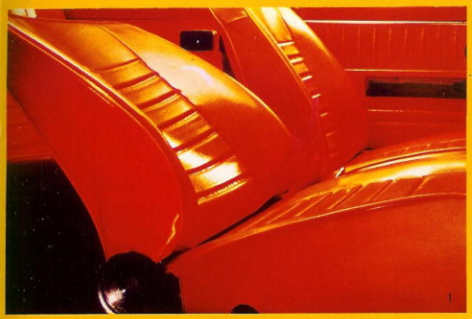


From the very first glance, the layout and colour of the instruments create a feeling of comfort and well-being. This is the materialisation of a double vocation – efficiency and safety.
For efficiency: instruments and controls grouped in front of the driver and close to hand, cutting down unnecessary movement. Dials and warning lights gathered together under an anti-reflective visor to ensure easy readability. An abundance of equipment, heated rear window, two speed wipers, electric windscreen washer, variable fresh air system, electric blower, anti-theft steering locking, courtesy lights and vanity mirror are all standard equipment.
For security: a dashboard designed to be shock-absorbent and collapsible. Strengthening edges to the parcel shelves also collapsible for protection of shin-bones.
Ejectable rear view mirror. Collapsible steering column. Instruments deliberately situated in the zones of non-contact. For an instrument panel is not an ornament, it is a control point which should not be a hazard either to comfort or security.


30
40
50
60
20
km/h
mile/h






1


2


3


4


5



6

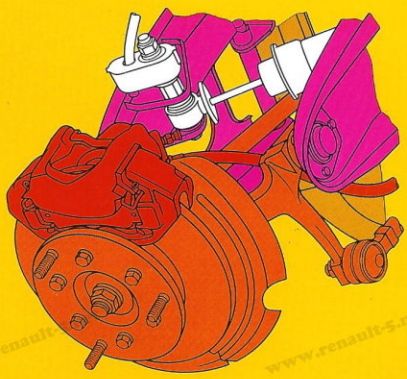
The Renault 5 certainly has the answer to luggage troubles – it has a boot with a capacity of 9½ cu. ft. all of which is easily reached by means of the third door at the back. But if you should need yet more space, just fold away the back seat and you have a boot of 32 cu. ft. which really is remarkable for such a small car. And you don't even lose any of that precious space to the spare wheel as it's neatly tucked away under the bonnet (4).

The Renault 5 is also well protected. In fact, this is where the Renault 5 is a minor revolution – it has no bumpers! Well, no bumpers in the usual sense of the word. Instead it has something much better. The front and rear bumpers have been replaced by wide wrap-around, reinforced polyester shields (3) that are integrated into the bodywork. These shields can absorb light 'parking knocks' without distortion.

Standard equipment on the Renault 5TL includes reclining front seats (1), vanity mirror (2) and heated rear window (6). The sun roof (5) is an optional extra.

Disc brakes

The Renault 5TL is fitted with disc brakes at the front and drums at the rear. This combination allows for accurate and progressive braking, perfectly matched to the car's performance at cruising speeds or at its relatively high top speed. The primary advantage of disc brakes is safety. This results from their resistance to heating, which keeps them fade free, even when the brakes are under intensive use. All Renault 5 models have a pressure limiting valve sensitive to the load at the rear, to prevent rear wheel lock.



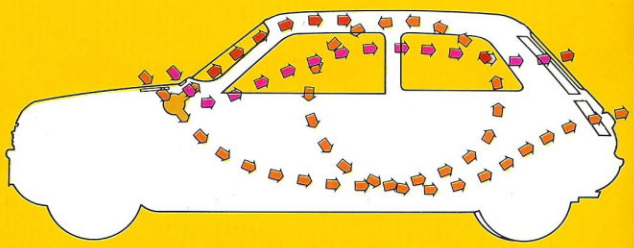
Seating

A series of zig-zag springs is applied to the frame, followed by a layer of polyurethane foam that varies in thickness according to the amount of pressure it will receive from the different parts of the body. Finally a semi-rigid plate is added at the base to give more support to the back.



Heating and ventilation

The Renault 5 system allows air of variable temperature to be obtained in variable quantity, through two independent circuits. For ventilation, air enters at the base of the screen and passes through an adjustable grille. For heating, air enters through the bonnet grille, passes through the heat regulator unit and circulates within the car. Stale air finally leaves through the rear exhaust vents.



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Specification — Renault 5 (R1221–L, R1222–TL)

COACHWORK AND CHASSIS

The coachwork is an all steel integral construction with bolt on front wings for easy removal and replacement.
The whole being dipped to waist level in an anti-corrosive paint in production.

ENGINE

Front-wheel drive.
Four cylinder in line, detachable wet liners.
Valvegear type: overhead pushrods and rockers, single roller chain-driven camshaft.
Ignition: distributor with centrifugal control.
Cylinder head: light alloy, shrunk-in valve seats.
Cooling system: thermostatic control. Sealed, containing water and glycol with rust inhibitor. Protection down to –35°C.

	Renault 5L	Renault 5TL
Compression ratio	8:1	9·25:1
Bore and stroke	58 × 80 mm.	65 × 72 mm.
Cubic capacity	845 cc.	956 cc.
Maximum power: Gross (S.A.E.)	38 b.h.p. at 5,500 r.p.m.	47 b.h.p. at 6,000 r.p.m.
Maximum torque: Gross (S.A.E.)	40·5 lb/ft. at 3,000 r.p.m.	47·0 lb/ft. at 3,500 r.p.m.
Carburetter	Solex 32 SE1 with manual choke	Solex 32 SE1 with manual choke
Crankshaft	3 bearings	5 bearings
Fan	Belt driven	Electric
Battery	12V 30 amp/hr.	12V 30 amp/hr.
Charged by	Dynamo	Alternator

TRANSMISSION

Four-speed, all synchromesh.
Clutch with single dry plate. Diaphragm spring.
Road speed per 1,000 r.p.m. in top gear: 14·6 m.p.h.

Final drive	8 × 33 (4·125) spiral bevel	
Overall ratios	1st	15·14
	2nd	9·24
	3rd	6·02
	4th	4·25
	Rev	12·70

BRAKES

Hydraulic with pressure limiting valve in rear brake line to prevent rear brakes locking.

	Renault 5L	Renault 5TL
Front	Drum	Disc
Diameter	9·0 in.	9·0 in.
Rear	Drum	Drum
Diameter	6·3 in.	7·0 in.
Braking area: Front	68·0 sq. in.	157·0 sq. in.
Rear	39·0 sq. in.	52·7 sq. in.

SUSPENSION

Independent on all four wheels by torsion bars, longitudinal at the front and transverse at the rear with hydraulic shock absorbers. Anti-roll bar at the front.

TYRES

135 × 13 (5L) 145 × 13 (5TL)

STEERING

Direct action rack and pinion. Reduction ratio 20:1.
Turning circle: 32½ ft. (between kerbs).

SAFETY FEATURES

Fascia made of polypropylene and other modern materials is flexible and cannot shatter into fragments.
Collapsible steering column.
Recessed interior door handles. Dished type steering wheel.
Excellent visibility through wide windscreen and rear window.
No quarter lights – the thief's usual method of entry.

INTERIOR TRIM

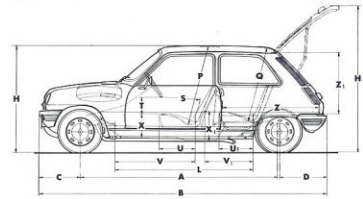
Door panels and seats covered in vinyl.
Roof lined in sound-proofing fibre.

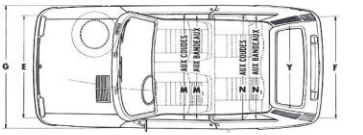
INSTRUMENTS AND CONTROLS

Instruments in a panel include: mileage recorder, speedometer, fuel gauge, warning lights for flashing direction indicators, oil pressure and temperature. The hand controls of lights, horns, headlamps and direction indicator can be operated without letting go of the steering wheel.

EQUIPMENT

	Renault 5L	Renault 5TL
Heater and demister with electric booster fan	*	*
Face level fresh-air vents	*	*
Interior courtesy light	*	*
Headlamp flasher	*	*
Twin sun visors	*	*
Two-speed windscreen wipers	*	*
Electrically operated windscreen washers	*	*
Anti-theft steering lock	*	*
Heated rear window		*
Front parcel shelves	*	*
Large fold-down rear parcel shelf	*	*
Bumper shields	*	*
Bench rear seat	*	*
Individual reclining front seats		*
Underbody protective spray	*	*
Arm rests – front doors		*
Ashtray – front	*	*
Ashtrays – rear		*
Vanity mirror		*
Passenger grab handles		*
Rubber mat in boot	*	*
Sun roof	optional extra	
Cloth seat trim	optional extra	





DIMENSIONS

A – 7′ 10⅝″	K – 7¾″ (empty)	U_1 – 1′ 6¼″
B – 11′ 6″	5⅛″ (laden)	V – 3′ 3⅜″ +⅛″
C – 1′ 7⅝″	L – 5′ 7¾″	–5⅝″
D – 1′ 11½″	M – 4′ 2″	V_1 – 1′ 11⅜″ +⅛″
E – 4′ 2⅝″	N – 4′ 1⅛″	–5⅝″
F – 4′ 1″	P – 3′ 2⅛″	X – 9″
G – 5′ 0″	Q – 3′ 1¼″	X_1 – 1′ 1¾″
H – 4′ 7⅛″ (empty)	S – 1′ 6¾″ +⅛″	Y – 3′ 5¾″
4′ 4¾″ (laden)	–5⅜″	Z – 3′ 10″
H_1 – 6′ 6¾″ (empty)	T – 9″	Z_1 – 2′ 7⅛″
6′ 4½″ (laden)	U – 1′ 6⅛″	

CAPACITIES

	Renault 5L	Renault 5TL
Engine	4½ pints	5½ pints
Cooling	10 pints	11 pints
Gearbox/differential	3¼ pints	3¾ pints
Petrol tank	9 gallons	9 gallons
Luggage boot	9⅓–32 cu. ft.	9⅓–32 cu. ft.
Kerb weight	1,609 lb.	1731 lb.

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