RENAULT 5TS 1300



The new 1300 Renault 5TS

When the Renault 5 was introduced, it was widely acclaimed as a new breed of car, which would meet the changing demands of motoring well into the next decade.

And now, the new Renault 5TS maintains the same qualities of economy, comfort and versatility but, like any true GT, has a high level of special equipment and performance.

A good 35 mpg is possible, yet there is power enough for a 96 mph top speed from the 1289 cc, 64 bhp (DIN) engine with its twin-choke Weber carburettor.

A floor-mounted lever with sports gaiter operates the 4-speed, all-synchromesh gearbox which allows the engine to turn over comfortably at 4300 rev/min at 70 mph with power in reserve.

Front-wheel drive, all-round independent suspension, rack and pinion steering and radial-ply tyres give a smooth, quiet ride and superb handling. The 11' 6" overall length allows easy parking in tight situations. Brakes are servo-assisted disc and drum with dual-circuit all round, while at the rear, a pressure-limiting valve operates according to the weight being carried, to prevent premature rear wheel locking.

The steering wheel is fully padded, as is the dashboard while the windscreen is laminated glass. A hooded instrument panel houses the speedometer with mileage and trip recorder. Alongside is an electronic rev counter, and to the right the fuel gauge and voltmeter. There are warning lights for direction indicators, hazard lights, heated rear window, oil pressure, water temperature, main beam and long-range driving lights. To the right of these instruments are the rocker switches for the quartz iodine lights (which will operate only when on main beam), a two-way switch for the rear window wash/wipe system and heated rear window, the two-speed heater fan and hazard lights. To the left of the steering column is a fingertip switch for the electric windscreen washer and two-speed wipers and, lower down, the panel rheostat knob and bonnet release. Lights, horn, headlamps, headlamp flasher and direction indicators are controlled by two levers on the right of the steering column, where the ignition key also operates an anti-theft steering lock. The choke control is on the extreme right. Driving safety aids include an exterior door mirror and an interior day/night driving mirror. Below the dashboard are two parcel shelves separated by a centre console carrying a radio housing, ashtray and cigar lighter. Above these are the heater and ventilation knobs which control the temperature, volume, and direction of air. In the centre of the dashboard is an adjustable fresh air grille which is independent of the heating system. At either end of the dashboard are two separate angled vents to direct air on to the side windows and there are extractor vents in the rear.

There is room to stretch for four full-size adults with plenty of head, leg and elbow room front and back, and no





Economy, performance and comfort

transmission tunnel occupying valuable floor space. The scuttle and front floor are fully carpeted.

The seats have been designed under medical supervision. They are soft sprung to harmonise with the suspension and covered in foam padding which varies in thickness according to where the body needs to be supported. The covering is in hard-wearing vinyl. Cloth upholstery (as illustrated) is an optional extra. They are shaped to keep you firmly and comfortably in place and the rally-style front seats have specially shaped back rests with integral head restraints which add extra support and safety. They can be adjusted for legroom by lifting the easily located bar which runs under the front of the seat and by sliding them on ball bearing runners.

The back rests can be reclined at the turn of a knob, while another lever at the side allows the whole seat to lift and tip forward, giving rear seat passengers easy access.

Other equipment includes two more ashtrays in the rear, padded sun visors with a passenger vanity mirror, padded arm rests and passenger grab handles. There is an interior courtesy light, the cigar lighter is illuminated and the instrument panel lights can be dimmed by a rheostat.

The illustration below shows the special sports wheels, electric wash/wipe system and heated rear window. The twin reversing lights operate automatically. The wrap-around polyester bumper shields are fitted to the front and rear, and these will absorb impacts of up to 5 mph without distortion.

The Renault 5TS is of all-steel construction with easily replaceable bolt-on front wings and the body has been dipped to waist level in anti-corrosive solution during assembly. For added peace of mind the cooling system (with rust inhibitor and anti-freeze already sealed in) has a thermostatically controlled electric fan. An alternator takes care of the battery and, with the absence of greasing points, routine maintenance is minimal.





Practical but fun





With seats and parcel shelf all in position there is a 9½ cubic foot boot, the spare wheel being tucked away under the bonnet along with the jack. But with the parcel shelf lowered, you can stack awkward objects or even accommodate a large dog. And if you need lots more space still, you simply tip forward the rear bench seat, release the two catches which hold the backrest in position, and you have an estate car with a firm floor and 32 cubic feet of space for large loads. The load surface is located on studs at the front and the front seats are well protected. The wide counter-balanced tailgate gives a large opening through which awkward loads will pass easily, and headlamps can be adjusted for height at the flick of a switch according to the load being carried.

Optional extras include tinted windows and a fold back sunroof which can bring you the fun of open air motoring or the ability to carry long awkward loads such as ladders and Christmas trees.

All this adds up to a car which is equally at home nipping through city traffic or eating up miles on the motorway. It has saloon car comfort, estate car capacity and sports car performance. And it proves that economy motoring can still be fun.

Specification - Renault 5TS (RI224)

ENGINE

Front wheel drive.
Cylinders: four in-line detachable wet liners.
Valvegear: inclined parallel overhead valves with pushrods, tappets and rocker arms, single chain-driven camshaft.
Cylinder head: die-cast aluminium alloy, separate valve seat inserts.
Cooling system: Sealed, containing water and glycol with rust inhibitor. Protection down to —35°C. Electric, thermostatically controlled cooling fan.
Carburettor: Weber 32 DIR twin chamber with manual choke.
Fuel tank capacity: 9 gallons (41 litres).
Compression ratio: 9·5 : 1.
Bore and stroke: 73 x 77 mm
Cubic capacity: 1289 cc.
Max. Power (DIN) 64 bhp at 6,000 rev/min
Crankshaft: five bearings.
Battery: 12 volts 180/36 Ah charged by alternator.
Oil capacity: 5¼ pints (3 litres)*

TRANSMISSION

Gearbox: four-speed, all synchromesh.
Clutch: single dry plate, diaphragm spring.
Road speed (per 1,000 rev/min in top gear): 16·4 mph.
Final drive: 8 x 29 (3·625 : 1) spiral bevel.
Overall ratios: 1st 13·29 ; 2nd 8·61 ; 3rd 5·52 ; 4th 3·75 ; rev 11·71.
Gearbox/differential oil capacity: 3¼ pints (1·8 litres).

BRAKES

Hydraulics: servo assistance and dual circuit with pressure limiter on rear brake line.
Front brakes: 9 in diameter discs, braking area 157·2 sq ins.
Rear brakes: 7·1 in diameter drums, braking area 52·6 sq ins.

SUSPENSION

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

STEERING

Direct action rack and pinion.
Reduction ratio : 20 : 1.
Turning circle : 32 ft between kerbs.

TYRES

145 x 13 Radial ply on 4·50 B13 rims.

INSTRUMENTS AND CONTROLS

Panel instruments include: speedometer with mileage and trip recorder, electronic rev counter, voltmeter, fuel gauge.
Warning lights for: main beam, iodine beam, direction indicators, oil pressure, water temperature, hazard lights, and heated rear window.
The hand controls for lights, horns, headlamps and direction indicators can be operated without releasing the steering wheel.

EQUIPMENT

Heater/demister with 2-speed electric booster fan. Face-level fresh-air vents. Panel rheostat. Interior courtesy light. O.I. lamps. Headlamp flasher. Twin sun visors, passenger vanity mirror. Two-speed windscreen wipers. Electrically operated windscreen washers. Rear window wash/wiper. Heated rear window. Anti-theft steering lock. Front parcel shelves. Large fold-down rear parcel shelf. Bumper shields. Bench rear seat. Individual reclining front seats, integral head restraints. Armrests, front doors. Cigar lighter. Ashtrays, front and rear. Passenger grab handles. Carpet in front. Rubber mat in boot. Reversing lights.
Optional extras: sunroof, tinted windows, cloth upholstery, metallic paint.

DIMENSIONS AND WEIGHTS

Overall length: 11' 6"
Overall width: 5' 0"
Overall height (unladen): 4' 7"
Wheelbase: 7' 10⅜"
Front track: 4' 2⅜"
Rear track: 4' 1"
Kerb weight: 1764 lb (800 kg)
Maximum towing weight: 1212 lb (550 kg).

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