



TX5

FORD TELSTAR TX5





The shape of cars to come



It's bold. Distinctive. Unique. An exciting departure in styling from the car you know today. And an evolutionary milestone along the road to the future. Yet it sacrifices none of the more conventional qualities of spaciousness, comfort and fuel economy. But rather,

improves on them. The Telstar TX5 is one of very few cars with the dual ability to satisfy both driver and passenger alike. Its individual design invites you to express the pride you have in your own achievements. While its five seats and superbly organised interior provide all the comfort of a luxury five-door sedan.

A car to tempt you like few others

The TX5 looks long, low and inviting. A fascinating combination of imaginative styling and high technology. On the surface, a sleek elegant sedan. But underneath the TX5 is built for the driver in you. Its array of space-age electronic instrumentation seemingly contradicts the practical considerations of a wide-opening rear door. While the multi-panelled driver's bucket seat with its nine adjustable modes contrasts vividly with the broad expanse of a three-across rear seat.

Shaped by the wind

Even the most casual glance at the TX5's smoothly sculptured shape confirms that form follows function. Extensive wind tunnel research has produced a car possessing excellent air management qualities. Indicative of these are the wrap-over bonnet. Steeply raked windscreen. Low roof profile. And sloping rear door, running away to the high rear deck. All aerodynamic considerations which contribute to the TX5's fuel saving drag co-efficient of only 0.37.

Lowered roofline, aerodynamic wedge shape, drag coefficient of 0.37



A showcase of the latest technology

But the TX5 is much more than style alone. Automotive research and technical innovation have been used to produce a new level of harmony between man and machine. A new sense of mastery between you and the road. The car's digital electronic instrumentation is proof that tomorrow is here. Follow the arc of the tachometer as engine revolutions peak and the line flattens out into the red. Scan the bar-type fuel level and water temperature displays. Be impressed by the highly visual digital speedo-

meter read-out. It's not just sophisticated and trend-setting, but highly accurate and symbolic of the advanced technology found throughout the TX5.



Digital electronic instrumentation
Finger-tip control switches on both sides of the instrument binnacle



The car for the true individual

To sit behind the wheel is to know the TX5 difference. A feeling of personal satisfaction and driving joy. For you alone, the TX5 is a rare opportunity to drive with pride. While for your passengers, it provides spacious luxury without any feeling of compromise.

The secret of its luxurious space

A major part of the TX5's design reflects the philosophy that you can't have true luxury without the space to enjoy it. Front wheel drive and a transverse engine layout were chosen for this reason. Apart from outstanding driveability, the elimination of the usual long driveshaft and bulky rear axle results in a larger, more usable passenger compartment. Plus a rear luggage area of truly generous proportions. Rear seating comfort and luggage space also benefit significantly from the use of fully independent rear suspension.



The quiet performer

A major design and engineering goal was to create in the TX5, a passenger compartment of outstanding quietness. Without doubt, this highlights the car's luxury feel and reduces the effects of noise fatigue to a significant degree. 'Quiet' initiatives were taken in the following areas:

- A tuned body shell
- Rubber and hydraulically damped engine mounts
- Powertrain subframe mounted via four tuned rubber bushes
- Front suspension arms connected to isolated subframe
- Radiator mass acts as a vibration damper
- Flexhaust flexible exhaust coupling
- Quiet running drivetrain
- Low wind and road noise
- Plus extensive use of sound absorbing materials

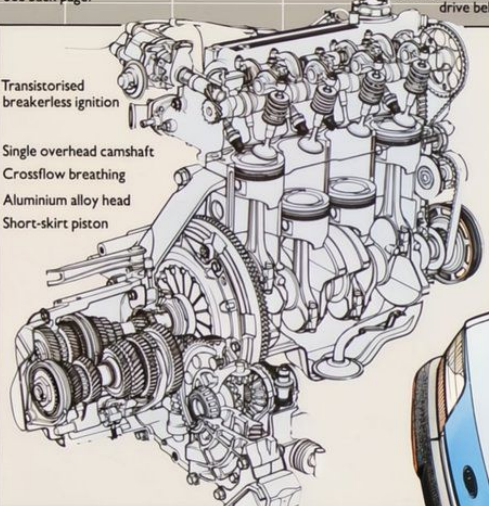
The power of TX5

The exceptionally responsive engine takes engineering design to a new level of performance and fuel efficiency. You'll find it superbly balanced, brilliantly combining the very latest technical advances to produce outstanding power with remarkable economy.

Impressive performance and economy

| Telstar TX5 | 0-100 km/h | Top Speed km/h | Litres per 100 km (mpg)* |
|-------------|------------|----------------|--------------------------|
| 2.0 litre | 10.2 secs | 178 | 8.5 (33.2) engine |

*See back page.



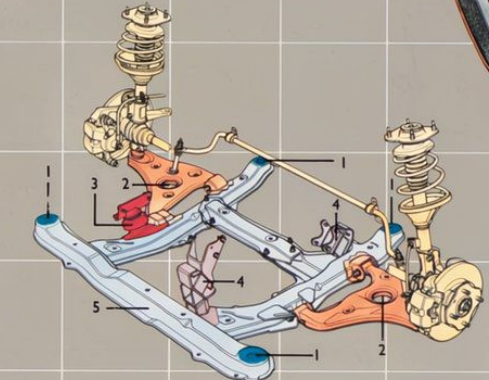
The TX5 engine—driving engine design to a new level of performance

Four cylinders. Overhead camshaft. Cross-flow aluminium alloy head with superior heat dissipation properties. Inclined intake and exhaust valves. Bowl-shaped pistons. Multi-spherical combustion chambers for superb fuel economy and top performance. Transistorised breakerless ignition system for a powerful

Efficient Multi-Spherical Combustion Chamber.



spark. Electrically operated and thermostatically controlled cooling fan which operates only when it's required. Rigid deep-skirt block and five main-bearing crankshaft to assist the smooth operation of the engine. High technology rubber toothed-belt for driving both camshaft and water pump. This is the heart of the TX5. And the reason why its ability is matched by few other cars of its class in the world today. Show it the challenge of the open road. Or let it show its paces in heavy traffic. Wherever you drive, the engine's smooth power output provides the acceleration and cruising abilities expected of a performance car.



Sophisticated engine sub-frame and suspension mounting system
1. Tuned rubber bushings
2. Fully isolated suspension arms
3. Hydraulic damper
4. Rubber mounts
5. Full front subframe.

Advanced subframe and engine mounting system

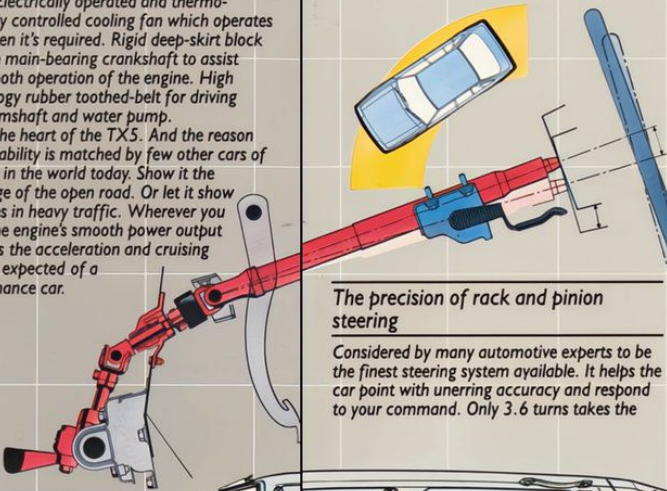
The TX5 features a dual noise isolation system to achieve a level of quietness found in few other comparable cars. This unique system dramatically reduces the level of engine and road noise in the passenger compartment. Fully isolated front suspension arms are connected to a full front subframe which is in turn mounted through four rubber bushes to the body.

The engine is mounted on the subframe via an advanced three point system—two rubber mountings and an hydraulic damper. This further isolates engine drivetrain noise making the TX5 one of the quietest cars on the road.

Manual transmission

It's fast and precise. Designed to preserve the joy of driving to the full and allows you to dictate the car's road performance.

The advanced transaxle design is light in weight, compact, and extremely durable. It incorporates many special features including a patented synchromesh system for smooth positive changes. The precision and speed of changing is also due in large part to an internal selector gate built in to the gearbox. This is totally submerged in the gearbox oil for



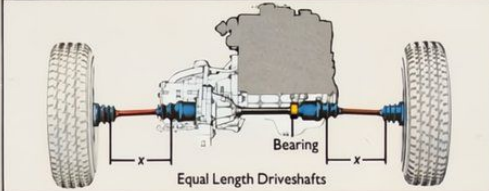
The precision of rack and pinion steering

Considered by many automotive experts to be the finest steering system available. It helps the car point with unerring accuracy and respond to your command. Only 3.6 turns takes the

car from lock to lock. The system is fitted with an adjustable tilt steering column, and power steering is available. Both of these features are designed to increase driving comfort and reduce fatigue. The steering column is engineered to telescope on frontal impact. The TX5 turns a full circle in just over ten metres, making it highly manoeuvrable.

Final drive

To deliver balanced power to both front driving wheels, the final drive has two equal length drive-shafts. This assists in avoiding 'torque steer' effects and helps ensure straight-line tracking and true cornering.



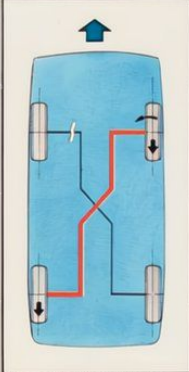
Equal Length Driveshafts

Balanced stopping power

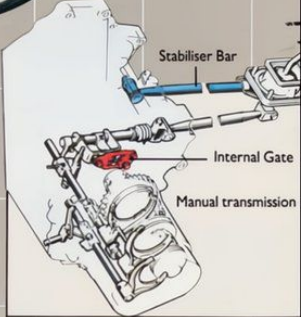
A test of any performance sedan is how well it stops. The TX5 demonstrates controlled braking power with a servo-assisted diagonally split dual circuit system employing disc brakes on the front matched to self-adjusting drums on the rear. Should one circuit malfunction, there is still ample braking power available to stop the car efficiently. Vehicle stability and straightline tracking, especially in emergencies, are enhanced by 'anti-swove' negative scrub front geometry, 'anti-dive' front suspension, and a brake pressure limiting valve to minimise rear wheel lock-up.



Disc brake.



Diagonally split dual circuit brake system

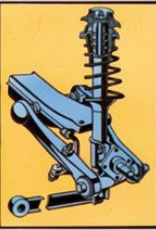
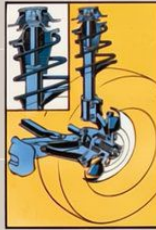


Stabiliser Bar
Internal Gate
Manual transmission

continuous lubrication and helps ensure smooth operation with a minimum of free-play at the shift lever. In addition, a rigid stabiliser bar helps prevent movement of the gear lever and its housing relative to the transaxle, again contributing to easy, positive changing. A built-in ceramic magnet is designed to attract metallic particles in the gearbox oil, so helping to reduce wear.

Automatic transmission

This specially designed 3-speed automatic provides ultra-smooth and energy efficient transference of power to the driving wheels.

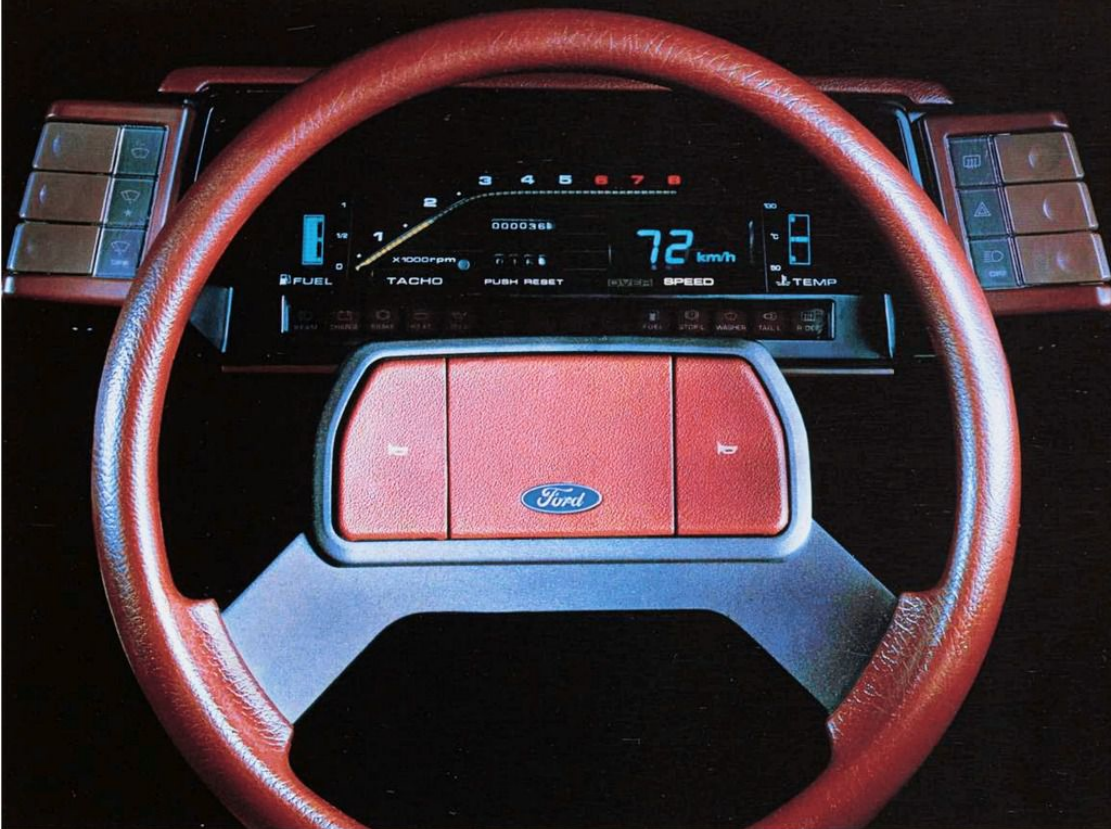


Fully independent suspension all round

Driving the TX5 is a truly moving experience. The more you enjoy driving, the more you'll find to admire in its finely balanced approach to a wide range of road conditions and surfaces.

Its advanced four-wheel fully independent suspension system provides the road-holding of a high performance sedan. Road feel and

ride are superb with little road noise or vibration harshness to disturb the quiet of the passenger compartment. The Ford pioneered MacPherson strut-type suspension used front and rear provides the long wheel travel necessary to traverse rough roads with ease. Anti-roll bars are fitted front and rear. The front suspension features 'anti-swove' negative scrub geometry which helps maintain straight-line tracking by automatically tending to correct a skid by steering into it. The rear suspension incorporates patented self-stabilising geometry to help provide increased stability, especially when cornering and braking. The angled variable rate coil springs provide the long travel needed to handle rough road surfaces. Choice of tyres is critical. Not only do they transmit power to the road but they also form an integral part of a car's suspension. That's why the TX5 is fitted with steel belted radial ply tyres as standard, to provide performance and durability with positive grip across a wide range of road conditions.



Enter the advanced electronic world of the TX5 Ghia

Lift the driver's door handle and the door key cylinder and ignition switch are illuminated.



Next slip behind the TX5's wheel and turn on the key. Now you're looking at the latest digital-electronic instrumentation. A space-age array dominated by the LED (Light Emitting Diode) arc of the tachometer and the digital vehicle speed read-out. While vertical bar-type analogue displays report on the status of fuel level and water temperature.

Warning lamps and safety check indicators include low fuel, low oil pressure, high/low beam, turn signals/hazard, alternator, park brake on, brake fluid, stoplight failure and washer fluid low. In addition to visual warnings,

the TX5 instrumentation incorporates an integrated audible warning alarm system and a quartz digital clock. While an entertainment centre featuring a push-button radio/cassette player with up to four speakers is available.

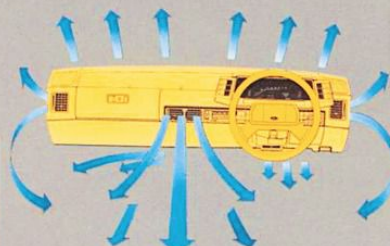
Revolutionary finger-tip controls

In the pursuit of excellence, human engineering has played a major role in the design of the TX5's interior. Column-mounted stalks, long regarded as a traditional control mechanism have been replaced with binnacle-mounted switches, with the exception of the turn indicators. The result: improved 'hands on wheel' driving efficiency and convenience, plus an instrument panel configuration that places the TX5 ahead of most other cars on the road. Remote release levers for both fuel cap and rear door are further convenience controls which set the TX5 apart. There is even a convenient driver's footrest on the right hand drive models.



Fan boosted ventilation system

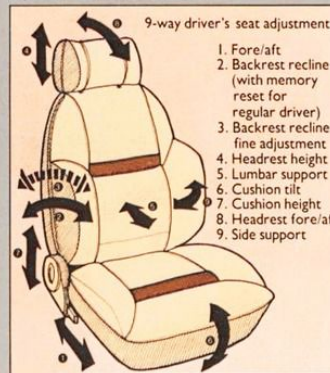
Because driving efficiency and enjoyment are directly reliant upon driving comfort, the TX5 is equipped with a specially designed ventilation system boasting some rather unusual differences. A four-speed fan provides a range of comfort settings, matching air volume to climatic needs. The system's effectiveness is aided by a remarkable centre dash air vent which features motorised vanes to ensure even face level distribution of fan-boosted air. Vents mounted at each end of the dashboard assist in side window demisting. While another vent under the dash beside the steering column directs air down towards the driver's seat cushion.



The system is capable of changing the passenger compartment air once every sixty seconds. A complete climate control system with heating, air conditioning and ventilation is also available to provide an excellent year-round environment conducive to driving comfort and efficiency.

Comfort starts with seat design

Behind the luxury lies the science of seat ergonomics, developed to a high degree of sophistication in the TX5. The front bucket seats are multi-panelled and contoured to provide the right balance of comfort and support. Front head restraints are adjustable. The driver's seat offers no less than nine separate adjustment modes including lumbar, under thigh cushion tilt and side supports which significantly reduce driver fatigue due to incorrect posture. The broad rear seat provides three-across seating comfort with minimal wheel arch intrusion which accounts for the remarkable hiproom width of 1420 mm.



A plush finish that spells luxury

The TX5 Ghia offers its own special blend of luxurious roominess in a plush interior with deep comfortable seats upholstered in a soft, elegant cloth. Soft courtesy lights illuminate the lockable glove box, front ashtray, front cigarette lighter and rear luggage compartment. Lush pile carpeting covers the floor, creating an aura of exceptional comfort. All this and the practical consideration of abundant storage in the centre-floor console, front door bins, back of front seat map pocket and pull-out coin tray.

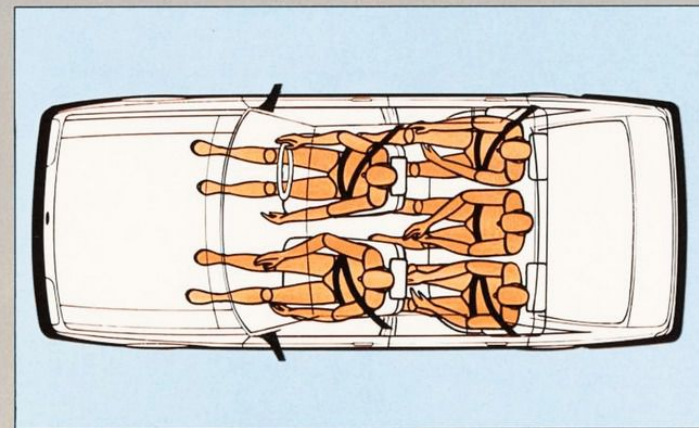
Interior design without compromise

With all its flair and individual styling, the Telstar TX5 still provides one of the roomiest 5-seater interiors in its class.

Compare the interior roominess of the TX5 (mm)

| | | | |
|---------------------|------|--------------------|------|
| Front Headroom | 954 | Rear Headroom | 911 |
| Front Legroom | 1048 | Rear Legroom | 845 |
| Front Shoulder-room | 1395 | Rear Shoulder-room | 1390 |
| Front Hiproom | 1425 | Rear Hiproom | 1420 |
| Coupe Distance | 735 | Luggage capacity | 382/ |

Luggage capacity with rear seat down is more than triple normal capacity.

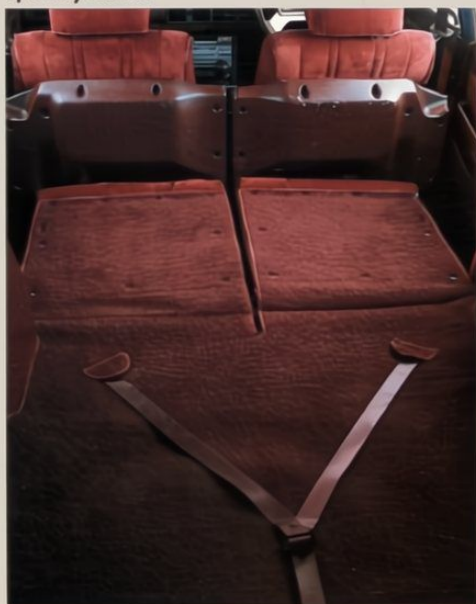


Amazingly generous luggage capacity

The TX5's wide rear door opens the way to 382 litres of luggage space which can be easily tripled by folding down the split 50/50 rear seat backs.



The double folding action creates a virtually flat floor with little to obstruct the carrying of bulky items.



By folding down only half the seat, you can still carry a rear seat passenger plus a carpet roll (for example), with security inside the car.

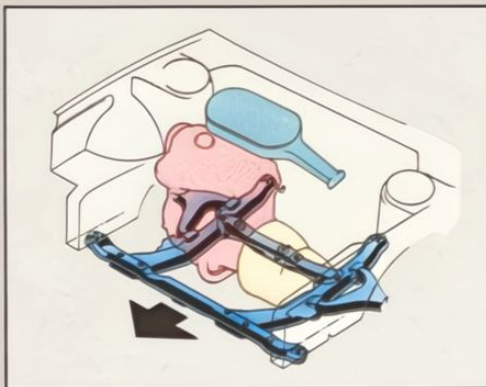


Tie-down straps help secure luggage.



Advanced impact-absorbing technology

- The engine subframe combines most powertrain and suspension components in the one unit, helping minimise the risk of intrusion in the passenger compartment
- Energy absorbing progressive rate crumple zones front and rear
- Front side members also designed to absorb energy on impact
- Rigid dash panel cross-member helps maintain passenger compartment integrity
- Energy absorbing telescopic steering column
- Fuel tank located ahead of the rear wheels
- Contour seating with head restraints front and rear, plus extensive interior padding

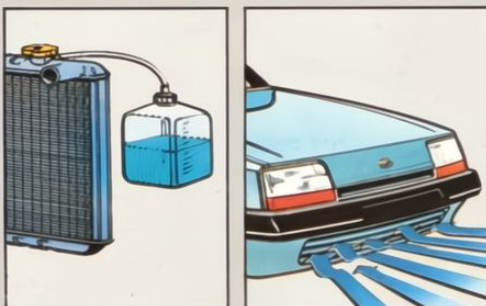


Subframe design benefits

In the event of a severe front-end collision, the isolated engine subframe is designed to control movement of the engine and help minimise intrusion in the passenger compartment.

Coolant system requires less attention

The TX5's semi-sealed coolant recovery system incorporates an expansion reservoir to maintain the correct coolant level and minimise topping up.



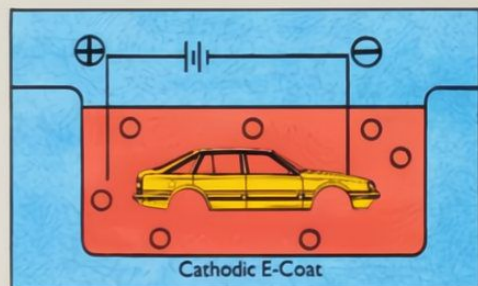
Ample air flow for engine cooling

A glance under the front bumper further amplifies how the outward form of the TX5 is totally integrated with its operating function. Here, aerodynamic louvres are angled to direct an abundant stream of cooling air through the air intake to the radiator and around the engine.

*European Legislative Average is a weighted average of the official European test procedures as follows: Urban Cycle 50%; Steady Speed Cycle (90 km/h) 25%; Steady Speed Cycle (120 km/h) 25%. Ford engineers assess this mix of cycles to be the most representative of average driving patterns.

Corrosion protection built in

Care has been taken to design water and mud traps 'out' of the TX5 underbody. Moulded splash shields help protect the front wheel housings. Rust-proofing undercoat applied in a cathodic bath protects the body shell against corrosion. A thick layer of bitumastic paint applied to the underbody further guards against corrosion as well as reducing the transference of road noise and heat.



Efficient accident-repair capability

The deep-section bumpers are designed to withstand minor impacts. Where body panels need replacing, many of them are bolt-on for speed and cost efficiency. Doors, bonnet and luggage compartment door have bolt-on hinges. The front subframe is demountable from the body allowing the removal of the complete drivetrain and front suspension as one unit.

Designed for low-cost maintenance

Many components including front wheel bearings, driveshaft constant velocity joints, front strut-lower ball joints, and tie rod ends are lubricated for life. Many other components have extended and simplified maintenance procedures. For example, the transistorised breakerless ignition system has no contact points or condenser to replace. Brake master cylinder, windscreen washers, engine cooling system, and battery feature see-through plastic reservoirs to check fluid levels at a glance. The scheduled engine oil change interval is 10,000 km.

Appreciate the difference TX5 makes

Slip behind the wheel and experience the quiet luxury. Smooth acceleration, confident handling and steering control of front wheel drive brought to a new level of development.

The Telstar TX5 is available in various models, engine sizes and transmissions in both left hand and right hand drive. Because the Telstar TX5 is distributed to a large number of countries, all with their own automotive regulations and market requirements, Telstar TX5 models may be equipped and available in combinations different from those shown in this brochure. You are therefore asked to contact your nearest Ford Dealer for the detailed specifications of the Telstar TX5 models offered for sale in your country. All data shown is correct at time of printing. The right is reserved to change specifications, colours and prices of the models and items illustrated and described in this brochure, at any time.