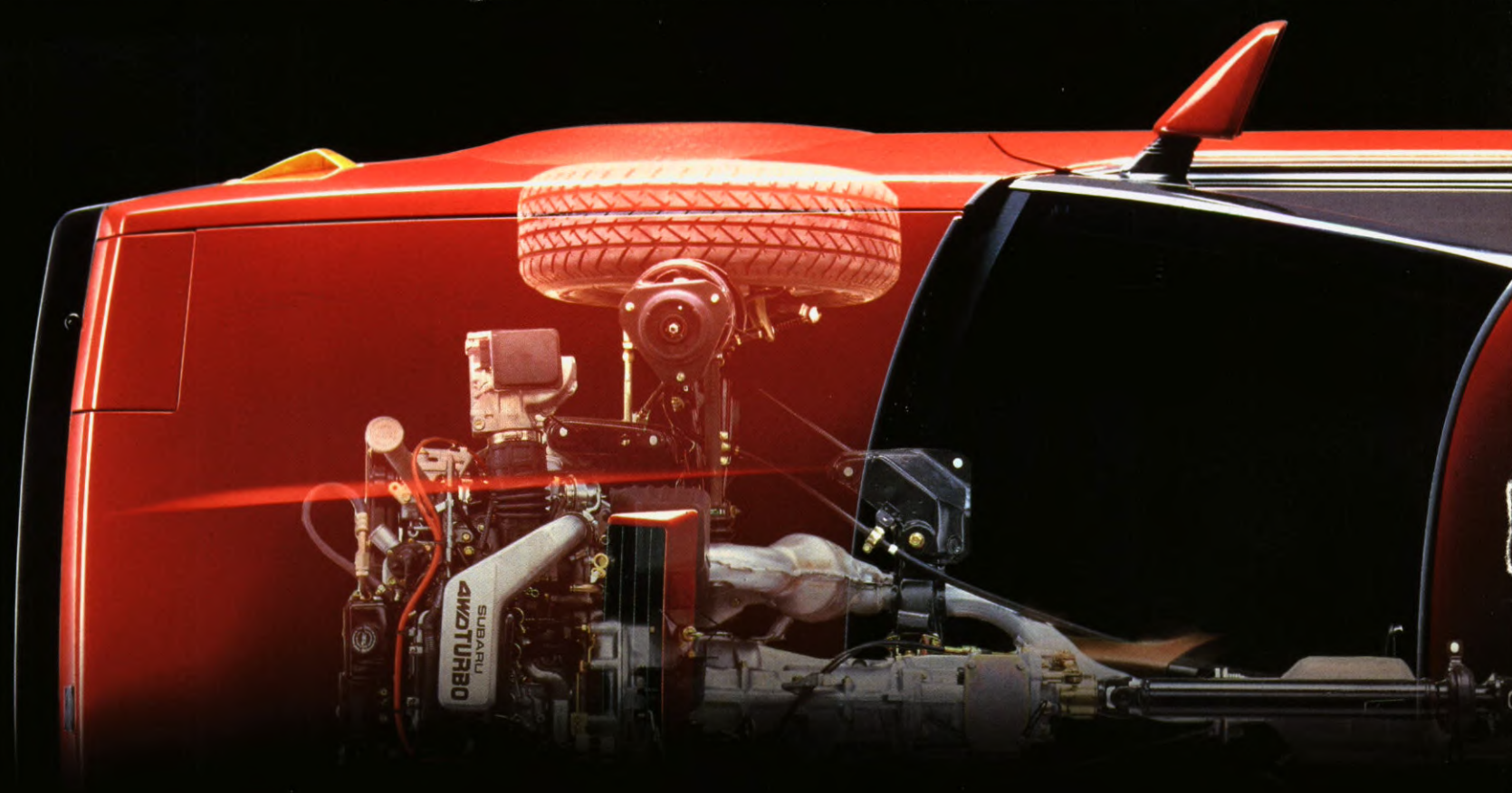


SUBARU XT TURBO

XT



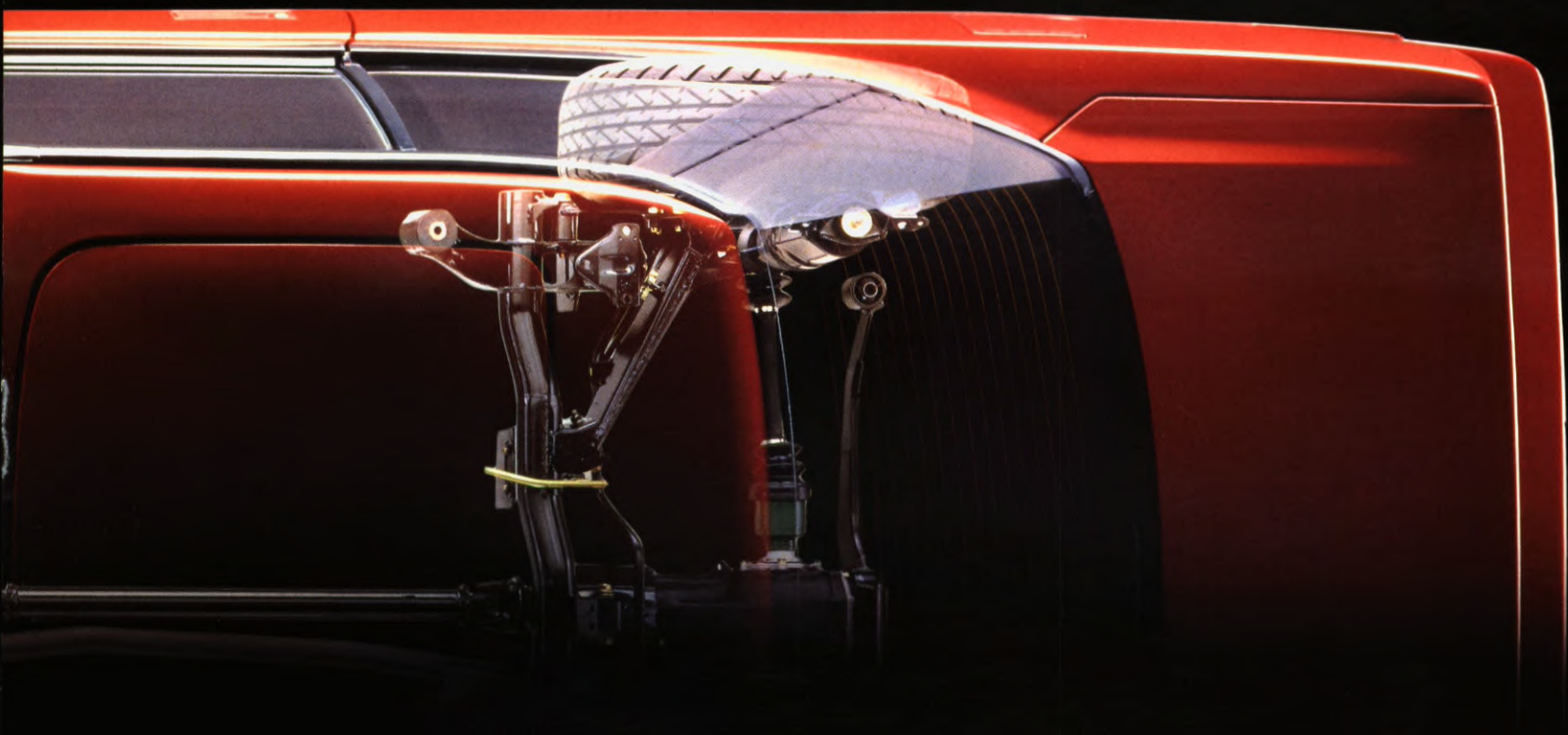
4WD/FWD



**The specialist car specially developed
for high performance.**



SUBARU
4WD



Subaru has combined its aircraft design technology and world-famous four-wheel drive expertise to create an entirely new four-wheel drive car. The Subaru 4WD XT Turbo. Powered by Subaru's all-new 1.8 litre turbocharged OHC engine with Multi-Point Fuel Injection system, it delivers high-performance without sacrificing fuel efficiency. Its advanced suspension system is a four-wheel independent electro-pneumatic system with auto leveller and height control. All four wheels are equipped with disc brakes with ventilated disc rotors at the front. From the down-sloping bonnet to the high rear deck, Subaru precision and performance has never been more breathtaking than it is now in the form of the new 4WD XT Turbo.



XT TURBO
4WD




High-performance



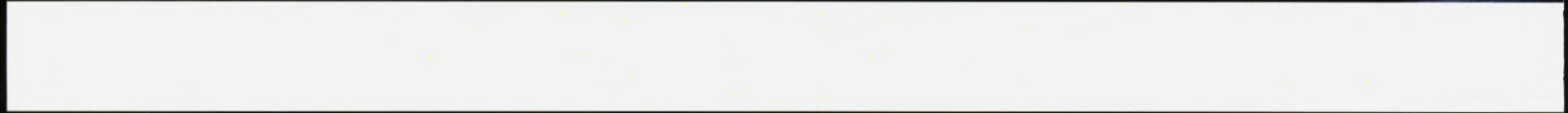


SUBARU XT TURBO 4WD

ce personality at rest and on the move.




In the XT Turbo, four-wheel drive takes on an exciting new dimension. Now it means extra safety, extra traction for rain, mud or snow and the extra sportiness borne of Subaru's aerodynamic design. The XT Turbo was developed in extensive wind tunnel tests to produce an aerodynamically superior form. Its drag coefficient is one of the best in the world $C_d = 0.29$ (FWD turbo model). And like the streamlined exterior, all the other systems are highly refined through design and development. You switch between 4WD and FWD at the touch of a button (4WD turbo model). Electro-pneumatic suspension means comfort, control and stability. And disc brakes all-around mean sure braking.





SUBARU XT TURBO 4WD

Turbo-tuned to the highest standard.



Subaru's new turbocharged engine is designed for smooth response even at important low-to-medium RPMs. Enhancing this performance further is Subaru's own Multi-Point Fuel Injection system. It uses a microprocessor to accurately inject fuel into each of the four cylinders for optimum performance in all engine modes. Regardless of the passenger load, Subaru's advanced electro-pneumatic suspension system, with auto leveller and height control, provides responsive handling and stability whatever the conditions.



Aerodynamic





SUBARU XT TURBO FWD

design and front-wheel drive handling.



Just as you would expect, the FWD version of the new XT Turbo gives that extra dimension in handling so valued by drivers today. Subaru's front-wheel drive system is designed for outstanding cornering, sure-footed performance and high reliability. Special refinements include a high-performance OHC engine, aerodynamic engineering, Subaru's new electro-pneumatic suspension system, and disc brakes all-around. These and other appointments are yours to enjoy as standard features in the Subaru XT Turbo.

The Multi-Point Fuel Injection system ensures high-performance and excellent fuel efficiency.



Just touch a button to switch to high-traction four-wheel drive.

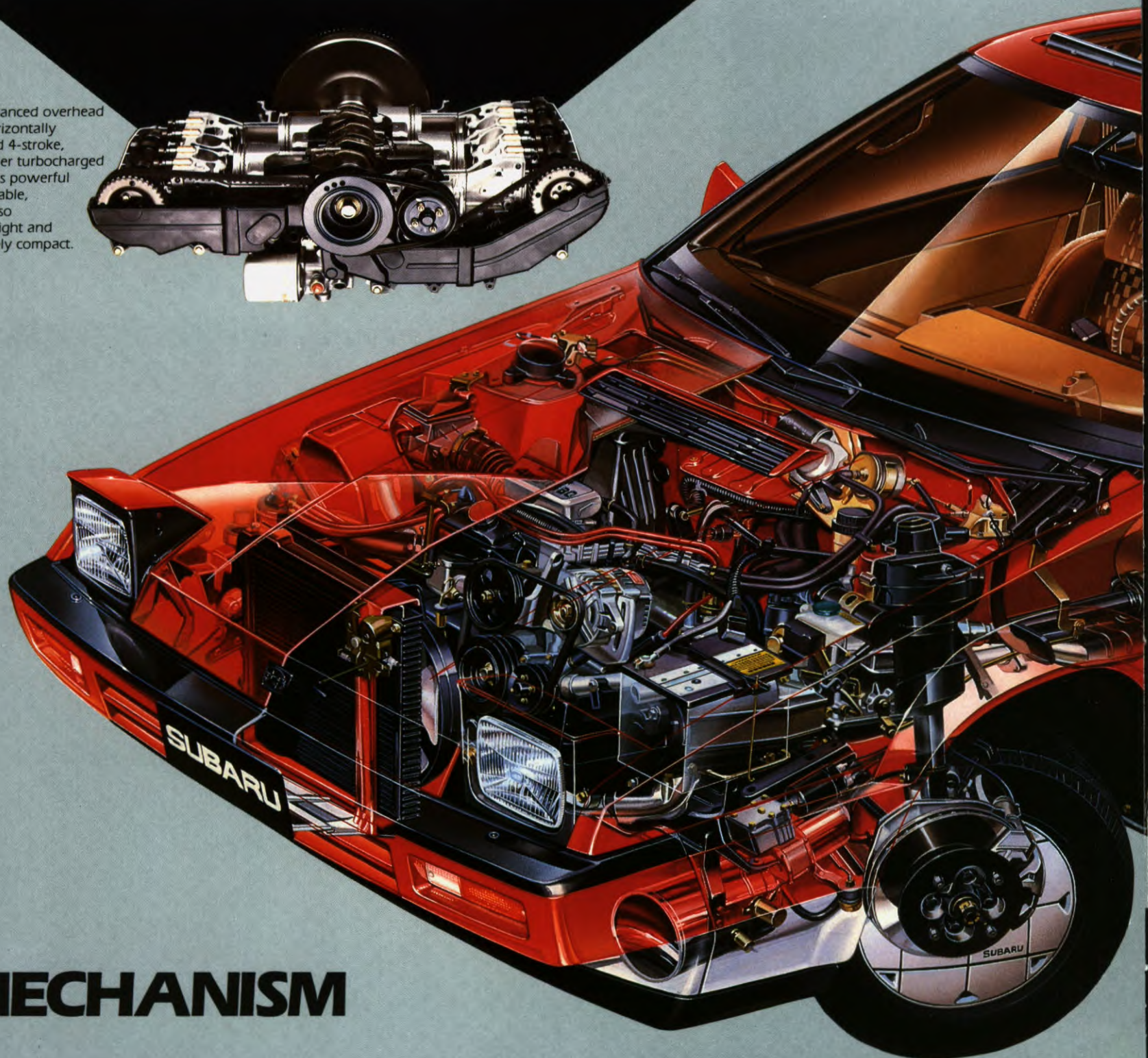
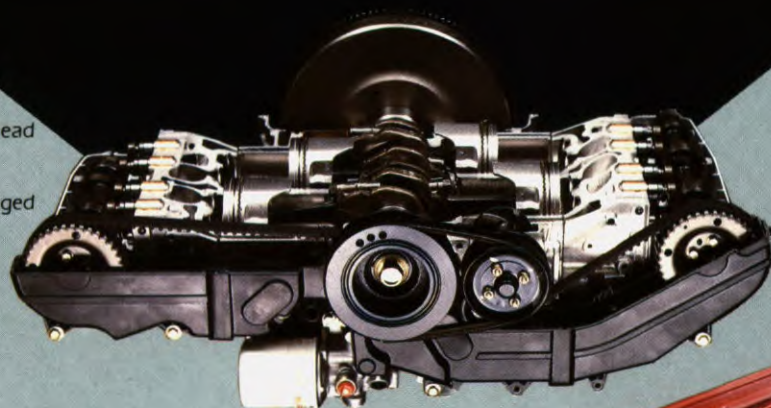


The automatic transmission is also equipped with a one-touch 4WD pushbutton on top of the shift lever.



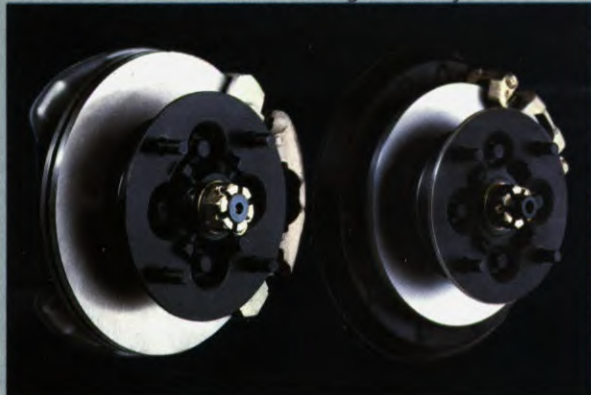
Sophisticated technology for

The advanced overhead cam horizontally opposed 4-stroke, 4-cylinder turbocharged engine is powerful and reliable, yet is also lightweight and extremely compact.



MECHANISM

All four wheels are equipped with disc brakes and the front disc rotors are ventilated for high efficiency.



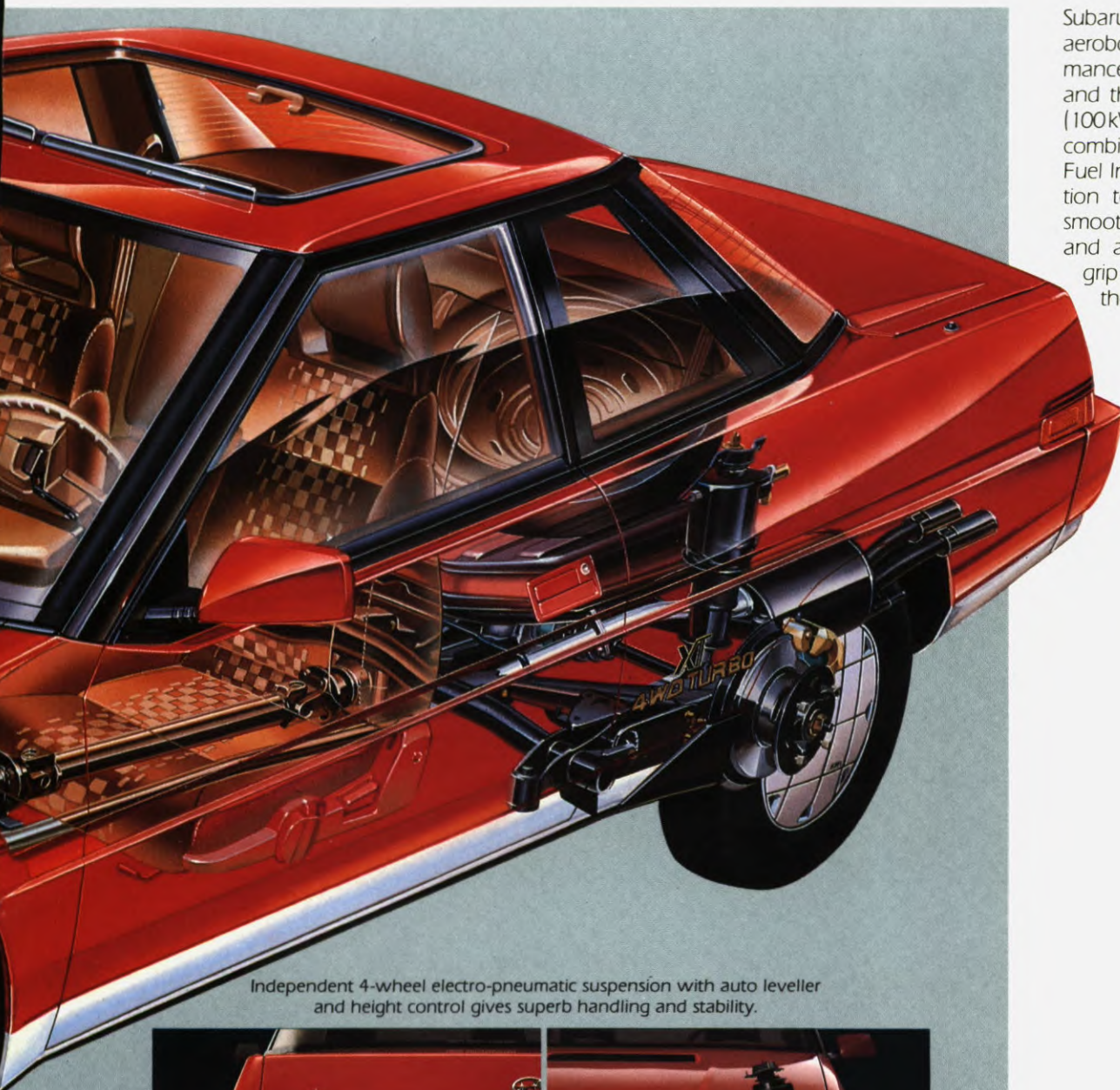
Wire type door window regulator decreases door thickness and increases elbow room.



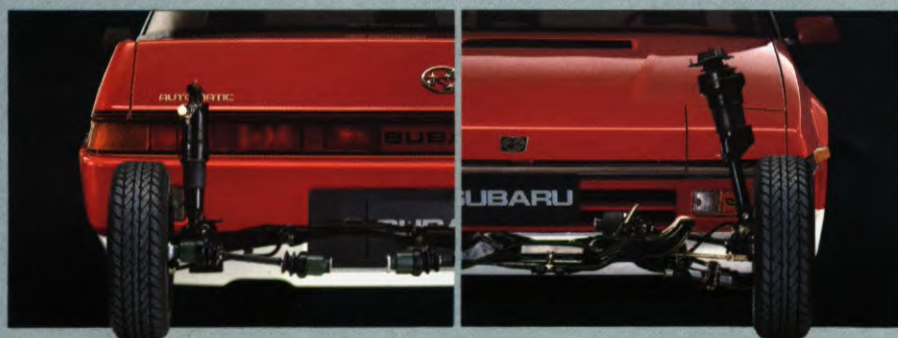
HILL HOLDER

Subaru's famous Hill-Holder clutch for the 5-speed manual transmission lets you stop and restart on a hill without rolling back.

or improved performance and economy.



Independent 4-wheel electro-pneumatic suspension with auto leveller and height control gives superb handling and stability.



AERODYNAMIC



The single-blade wiper reaches up and out on a pivot during its stroke for wide coverage.



The retractable headlights have good aerodynamic qualities even when they are up and in service.



Aerodynamic door mirrors minimize air drag at the sides.

Aerodynamic styling for outstanding performance.

The design of the Subaru XT Turbo proves that the fewer the parts there are to commune with the wind, the lower the air drag, the higher the performance and the better the fuel efficiency. Designed and developed in extensive wind tunnel tests, the XT Turbo's air drag is one of the lowest in the world— $C_d = 0.29$. The vehicle's down-sloping bonnet and deep, raked windscreen provide superb aerodynamic characteristics. The rear window wraps around and flush body surfaces are abundant. The door mirrors are aerodynamically shaped. Even the area around the door handle is fully covered for smooth air flow.

The styling of the XT Turbo generates these impressive aerodynamic specifications (FWD turbo model):

$C_d = 0.29$

$C_d \times A = 0.53$

$C_{l_f} = 0.10$

$C_{l_R} = 0.00$



The down-sloping bonnet and front air dam are of an integral construction.



The wrap-around rear window and high-rear deck make positive use of air flow.

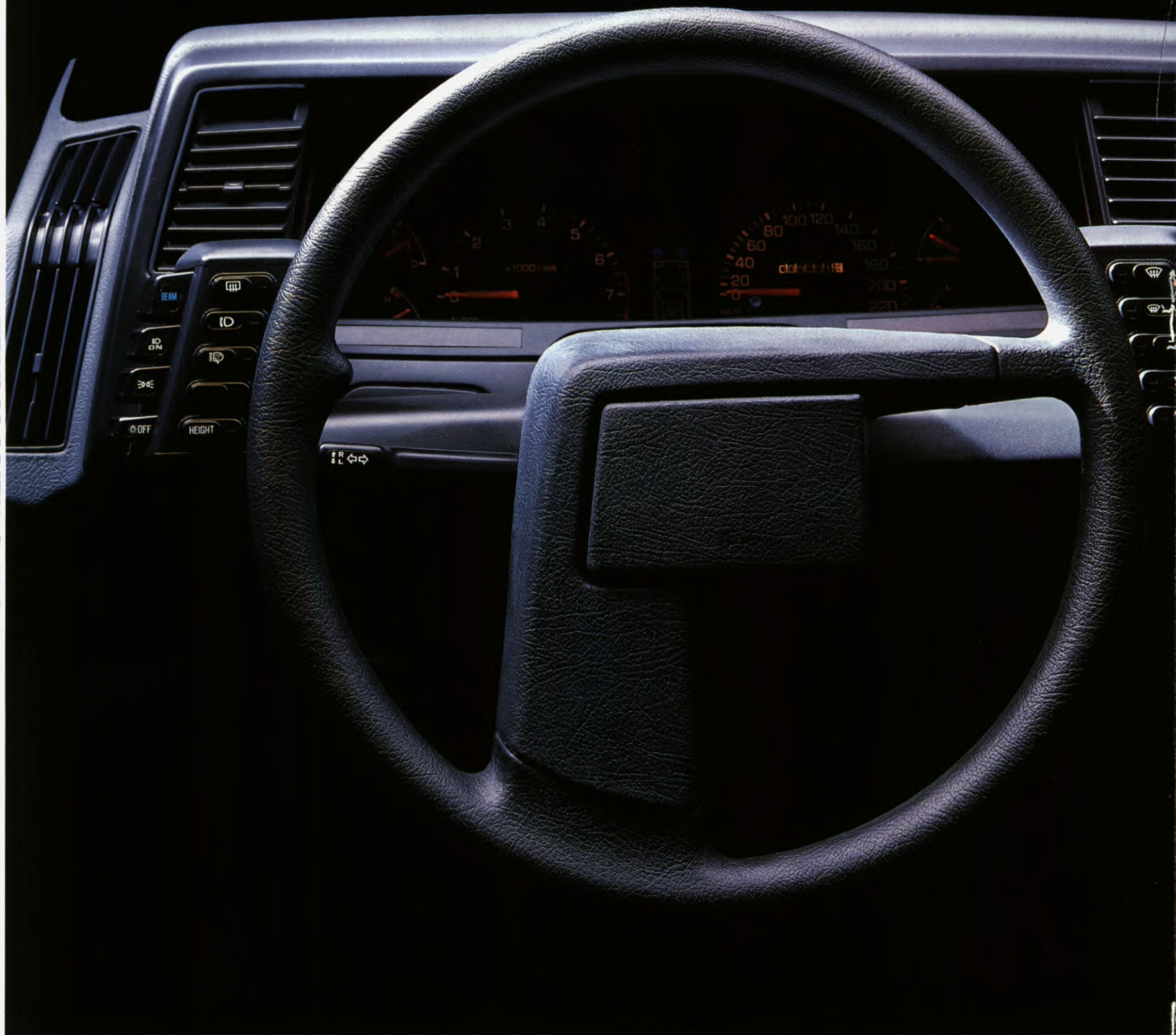


The door handles have aircraft-like flaps to ensure smooth air flow.



Even the wheel covers are aerodynamically designed.

INSTRUMENT PANEL



The optional digital dash features clearly illuminated liquid crystal displays. (Not available in certain areas.)



The 4-speaker FM radio has electronic tuning and a circuit for extra-sensitive reception. (Not available in certain areas.)



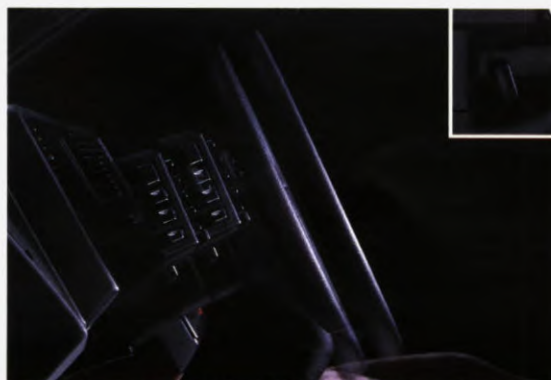
Power steering is lighter at lower speeds and appropriately heavier at higher speeds for responsive and enjoyable driving.

A high-tech interior is a Subaru tradition.

The XT Turbo cockpit is designed for comfort and ease of operation. All dials and switches are clearly visible and within easy reach. You can choose the analogue dashboard, or the sophisticated optional electronic digital dash. The tilting and telescoping steering wheel offers a generous range of adjustments for comfort. In addition, it is equipped with a memory device which always returns it to your preset favourite position. For outstanding visibility, the instrument cluster moves with the steering wheel through its range of tilt. These and other refinements make the XT Turbo a car that's fun to drive.



A memory device always returns the tilt steering wheel to the position you preset.

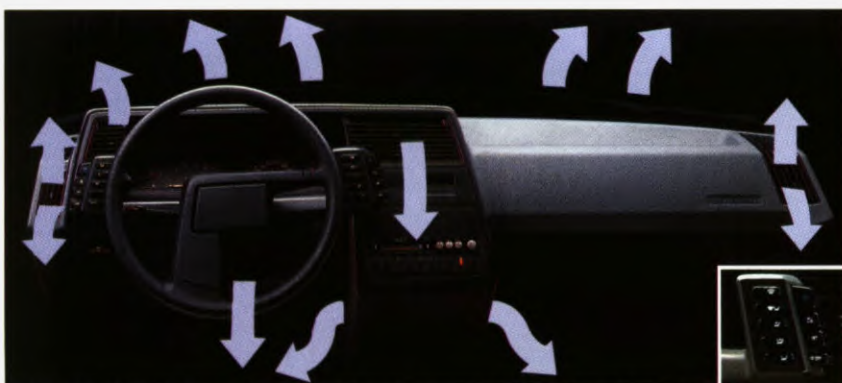


The steering column telescopes steplessly over a 40mm range.



The XT's multi-adjustable steering column means comfort and excellent visibility.

SEATS



Combine Subaru's efficient air circulation system with optional air conditioning for comfort all year-round. (Not available in certain areas.)



The driver's seat is richly upholstered and is equipped with a seat lifter.



Power window and mirror controls are built into the armrest.

Luxury and comfort are standard in Subaru's 2+2 design.

If you have passengers to carry, the Subaru XT Turbo will accommodate them nicely. But it is the driver who is really surrounded in luxury and comfort. The front bucket seats are upholstered in a high-quality fabric. The orthopedic-type driver's seat incorporates a seat lifter. The seat has generous slide and recline ranges. And armrests are moulded into the door trim. Subaru's boot-through feature lets you fold down the rear seat backrest to create extra luggage space when required.



The boot-through feature lets you create extra space whenever it's needed.



For your luggage. In addition to the main boot, there are 3 sub-boots under it for small object storage.



A large pop-up removable sunroof is available as an optional extra.

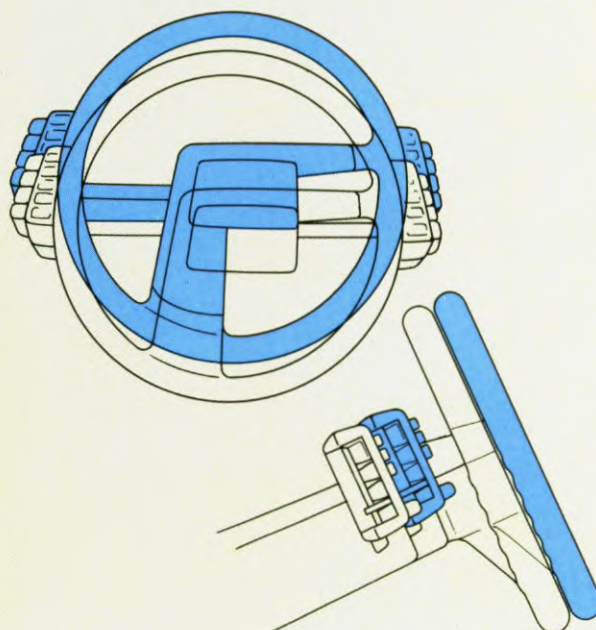
Subaru performance is fail-safe.

Subaru's high-power 1.8 litre horizontally opposed aluminium alloy engine with Multi-Point Fuel Injection features an onboard diagnostic system which illuminates a warning lamp on the instrument panel and suggests the appropriate procedure in the unlikely event of fuel injection malfunction. A fail-safe system will always keep the car operating in the event of fuel injection trouble. Subaru's advanced power plant and automotive electronics not only deliver high performance, they protect it, too.



Multiple adjustments for comfort.

The Subaru XT Turbo is fun to drive no matter what your physical build. The steering wheel tilts and telescopes. And the instrument cluster also moves as the steering wheel is adjusted, so that the dials are always easy to read. The front seats slide, and recline adjustments are generous, also. With these refinements you can virtually model the interior to suit your own requirements. And that guarantees real motor-ing enjoyment.



SPECIFICATIONS

		MODEL		TURBO	4WD TURBO	
ITEM				SS	SS	AT
DIMENSIONS & WEIGHT	Overall length	mm (in)		4,450 (175.2)	4,450 (175.2)	
	Overall width	mm (in)		1,690 (66.5)	1,690 (66.5)	
	Overall height (at CW)	mm (in)		1,295 (51.0)	1,335 (52.6)	
	Wheelbase	mm (in)		2,465 (97.1)	2,465 (97.1)	
	Tread	Front mm (in)		1,435 (56.5)	1,420 (55.9)	
		Rear mm (in)		1,425 (56.1)	1,425 (56.1)	
	Ground clearance	at CW/mm (in)		155 (6.1)	170 (6.7)	
ENGINE		at MPW/mm (in)		105 (4.1)	170 (6.7)	
	Kerb weight	kg (lb)		1,085 (2,390)	1,165 (2,570)	1,185 (2,610)
	Type			Horizontally opposed, liquid cooled, 4-cylinder, 4-stroke OHC gasoline engine		
	Bore x stroke	mm (in)		92 x 67 (3.62 x 2.64)	92 x 67 (3.62 x 2.64)	
	Displacement	cc (cu.in)		1,781 (108.68)	1,781 (108.68)	
	Compression ratio			7.7:1	7.7:1	
	Carburettor			Multi-Point Fuel Injection (MPFI)		
PERFORMANCE	Fuel tank capacity	lit. (U.S. gal/Imp. gal.)		60 (15.9/13.2)	60 (15.9/13.2)	
	Max. output (DIN)	kW (PS)/rpm		100 (136)/5,600	100 (136)/5,600	
	Max. torque (DIN)	N-m (kg-m/ft-lb)/rpm		196 (20.0/145) 2,800	196 (20.0/145) 2,800	
	Max. speed	km/h		205	200	192
	Fuel consumption lit./100km	Urban		10.0	10.5	11.1
		90km/h		6.6	7.3	8.6
		120km/h		8.7	10.3	11.6

		MODEL		TURBO	4WD TURBO	
ITEM				SS	SS	AT
ELECTRICAL SYSTEM	Battery (for Europe)	V-AH		12V-28AH (12V-40AH)	12V-28AH (12V-40AH)	12V-36AH (12V-52AH)
	Alternator	V-A		12V-60A	12V-60A	12V-60A
TRANSAXLE	Clutch			Dry single plate diaphragm		Torque converter
	Transmission type			5-forward speeds with synchromesh and 1-reverse		*Full automatic, 3-forward and 1-reverse
	Gear ratio	1st		3.545	3.545	2.821
		2nd		1.947	1.947	1.559
		3rd		1.366	1.366	1.000
		4th		0.972	0.972	—
		5th		0.780	0.780	—
	Final reduction gear ratio			3.416	3.416	2.257
CHASSIS				3.454	3.700	3.454
	Steering			Rack and pinion		
	Suspension	Front		Electro-Pneumatic Suspension		
		Rear		Electro-Pneumatic Suspension		
	Min. turning radius (at tyre)	m (ft)		4.9 (15.7)		
	Brakes	Front		Ventilated disc brakes		
		Rear		Disc brakes		
	Tyres			185/70 VR13		

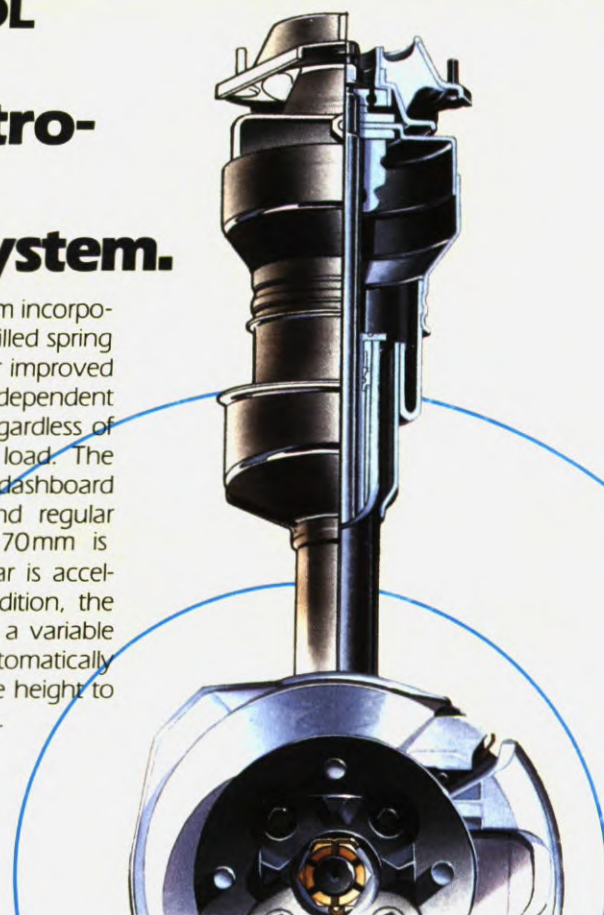
Fuji Heavy Industries Ltd. reserves the right to alter specifications and equipment without notice. Details of specifications and equipment are also subject to change to suit local conditions and requirements. Please inquire at your local dealer for details of any such changes that might be required for your area.



HEIGHT CONTROL

Subaru's electro-pneumatic suspension system.

Subaru's advanced suspension system incorporates an electronically controlled air-filled spring at each corner of the suspension for improved control and stability. Four wheel independent auto levelling keeps the car level regardless of the number of passengers or the load. The system's height control allows dashboard switch selection for motorway and regular driving. The motorway setting of 170mm is automatically selected when the car is accelerated to 80km/h (50mph). In addition, the XT suspension system incorporates a variable damping force feature which is automatically adjusted according to the preset ride height to give you either a softer or harder ride.



STANDARD AND OPTIONAL FEATURES

ITEM	MODEL	4W/D TURBO		
		TURBO	SS	AT
< INTERIOR >				
Tachometer		○	○	○
Digital Clock		○	○	○
Digital Dash with Trip Computer		OP	OP	OP
AT Select Indicator				○
Tilt & Telescopic Steering		○	○	○
Power Steering		○	○	○
Vanity Mirror		○	○	○
Day/Night Rearview Mirror		○	○	○
Spot Lamps		○	○	○
Console Box with Lid		○	○	○
Power Window		OP	OP	OP
Central Door Locking		OP	OP	OP
Moquette Seat Trim		○	○	○
Driver Seat Height Adjuster		○	○	○
Driver Seat Adjustable Lumber Support		○	○	○
Front ELR Type Seatbelt		○	○	○
Fold Down Rear Seat (Boot-Through)		○	○	○

ITEM	MODEL	4W/D TURBO		
		TURBO	SS	AT
< EXTERIOR >				
Cloth Inserted Door Trim		○	○	○
Sub Boots		○	○	○
Inside Boot Lid Release		○	○	○
Inside Fuel Lid Release		○	○	○
Key Light		○	○	○
Spare Tyre Cover		○	○	○
Retractable Hologen Headlights		○	○	○
Headlight Washer			○	○
Front Airdam		○	○	○
Air Flaps (side air deflectors)		○	○	○
Wheel Covers		○	○	○
Aerodynamic Outside Mirrors		○	○	○
Rise-up Single Blade Wiper		○	○	○
Power Antenna & Rear Window Antenna		○	○	○
Twin Tail Pipes		○	○	○
Airplane-type Door Handles		○	○	○
Sunroof		OP	OP	OP

COLOURS

COLOURS*	MODEL	4W/D TURBO		
		TURBO	SS	AT
LIBERTY WHITE/GULL GRAY		○	○	○
LIGHTNING SILVER ^M /EXTRA BLACK		○	○	○
IMPERIAL RED ^M /LIBERTY WHITE		●	●	●
HERB GREEN ^M /LIBERTY WHITE		●	●	●
MARINA BLUE ^M /LIBERTY WHITE		○	○	○
MOSS GREEN ^M /LIGHTNING SILVER ^M		●	●	●
EXTRA BLACK		●	●	●
SPACE BLUE ^M /LIBERTY WHITE		○	○	○

^M : METALLIC

INTERIOR: ○ BLUE, ○ BEIGE, ● GRAY

* Two-tone except for EXTRA BLACK

The colours of the actual automobile may differ slightly from those in this catalogue.



 **FUJI HEAVY INDUSTRIES LTD.**
Printed in Japan (86BR20E. 1985.9)