HONDA

ACCORD

ACCORD AERODECK

Your Honda Accord Dealer

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E&OE

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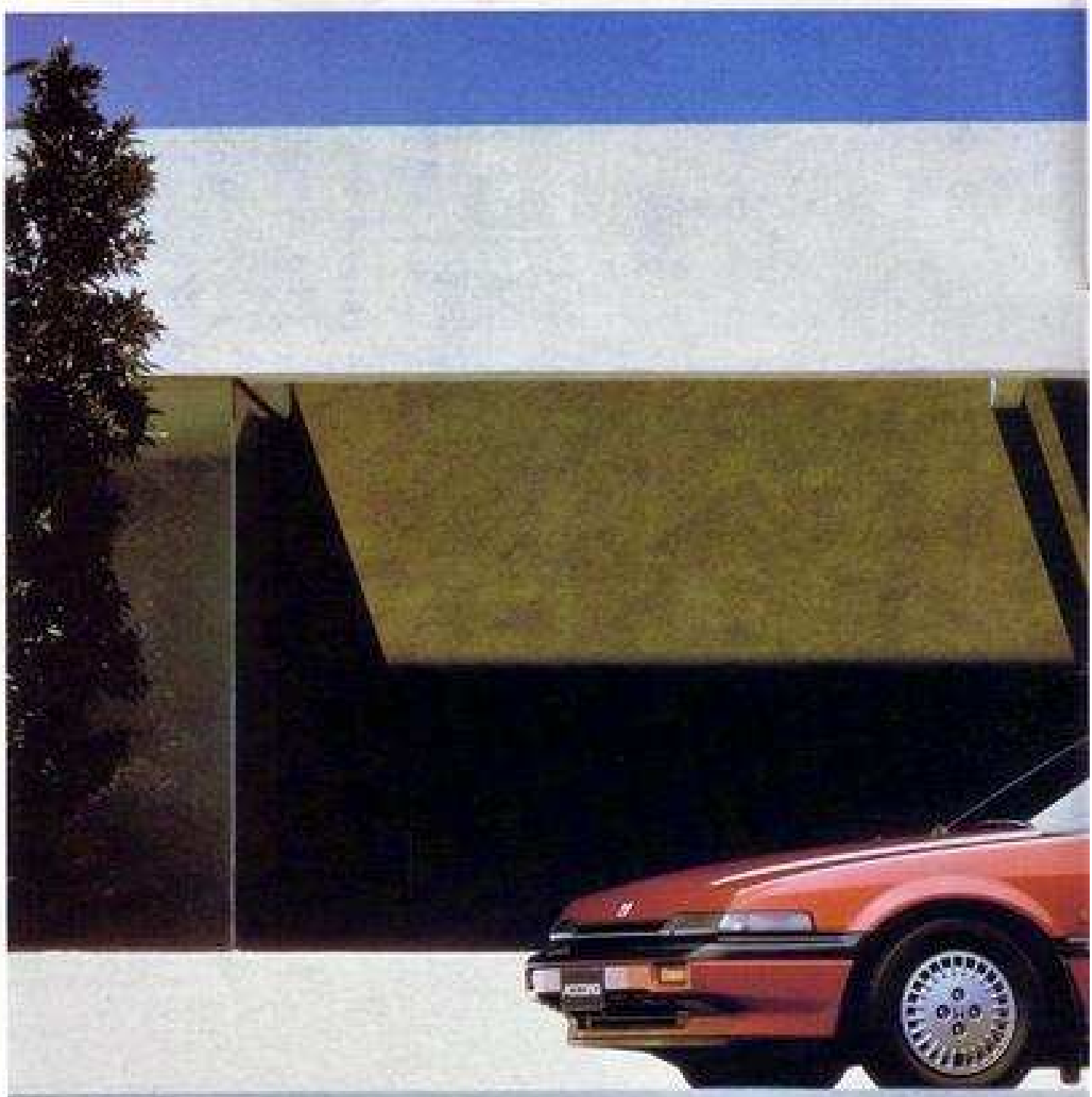
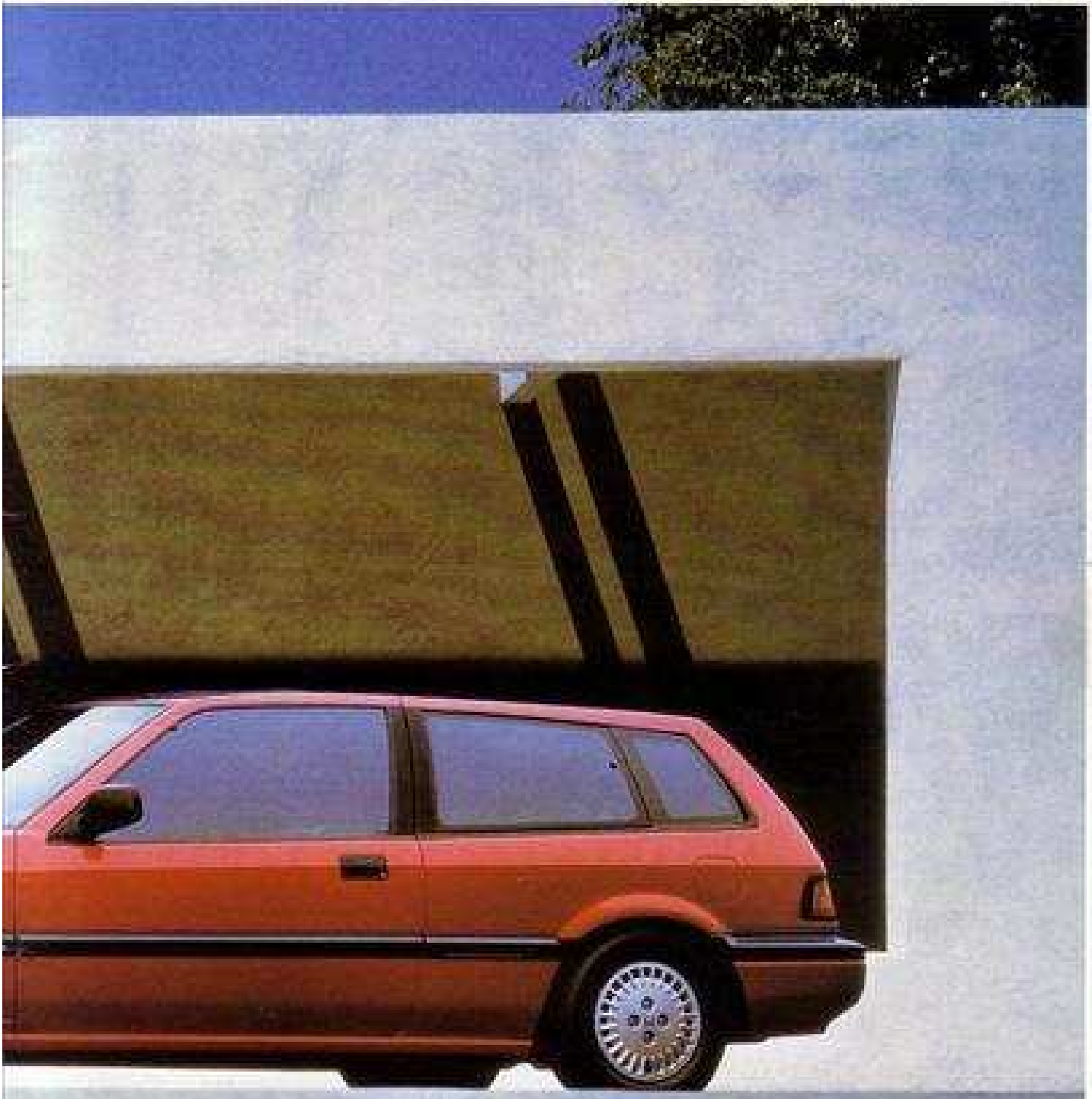
Honda UK Ltd, Power Road, Chiswick, London W4 5YT



Driving towards perfection



There's no mistaking the striking lines of the new Honda Aerodeck. The low bonnet, the long, sloping roof line - both add up to a distinctive design that opens the way to enviable interior comfort and practicality.

Beneath that smooth exterior, you'll soon be aware of the interplay of the Aerodeck's advanced technological features at work. The added power of a newly developed 2.0 litre 12-valve engine. The silky smooth ride of Honda's revolutionary double wishbone suspension.

The new Honda Aerodeck takes you further down the road towards motoring perfection where aerodynamics and versatility co-exist on equal terms.

EX 2.0 Model

A perfect balance of form and function

The new Honda Aerodeck is designed to please. The sleek, aerodynamic lines demand your attention right from the start. The large, gull-wing tailgate with its skylight window not only simplifies loading and unloading, but it also helps to create a light, airy interior.

Once inside, the new Aerodeck will assail you with its impressive array of standard equipment designed to make motoring as pleasurable an experience as possible. With such a perfect balance between form and function the new Aerodeck offers you the best of both worlds — the elegance of a saloon with the practicality of a hatchback.

EX-2.6

Putting you firmly in control

The new Honda Aerodeck has been ergonomically designed with the driver in mind.

The instrumentation is both informative and easy to see, while all the controls have been situated within easy reach of the driver.

To complement the low, sleek bonnet, the instrument panel is gently angled and teamed with a 4-spoke steering wheel to give an optimum field of vision.

With the Aerodeck EXi having power steering and so many other power features, you're in a comfortable driving situation at all times.

Power Windows
On the EX, both the driver's and passenger door windows open and close at the flick of a switch. One-touch open/close operation is also provided for the driver's window.

New Bi-Level Cooling Vent System
The Honda Accordeck has a new ventilation system that features an extra vent on the dashboard which can channel cool air to the face of both front seat passengers, while other vents carry warm air to the feet. This system has the advantage of keeping the occupants warm and comfortable as well as fresh and alert.

EX-2.0

Comfort has never been so versatile

The new Honda Aerodeck has an interior that is as luxurious as it is practical.

The Aerodeck has room aplenty to seat four adults in perfect comfort as well as carrying their luggage when required. The front seats provide plenty of support and have built-in headrests, while all the seating is trimmed in a smart, hardwearing cloth upholstery to create a harmonious, inviting interior. The rear seat passengers have their own seat belts, and all occupants in the Aerodeck are sure to enjoy the stereo radio cassette unit with 4 speakers which is fitted as standard to the EXi.

No wonder the Aerodeck feels more like a luxury saloon than a family hatchback.

Generous Luggage Compartment and Gull-Wing Tailgate

A large, 308 litre storage area can be increased to 510 litres simply by folding the rear seats forward which are also split. The unique "gull-wing" tailgate, which can be opened from inside via a lever beside the driver's seat, gives excellent access for easier loading and unloading.

Seatbelt Feeder

The EX features a special seat belt feeder mechanism mounted at the side of the driver's seat which folds the belt out of the way to give easy access to the rear, and then when the door is shut, automatically positions the belt within easy reach of the driver.

Shaped by the wind to ride like the wind

Designed in the wind tunnel, every inch of the new Honda Aerodeck is precision engineered to raise aerodynamic performance to the highest level.

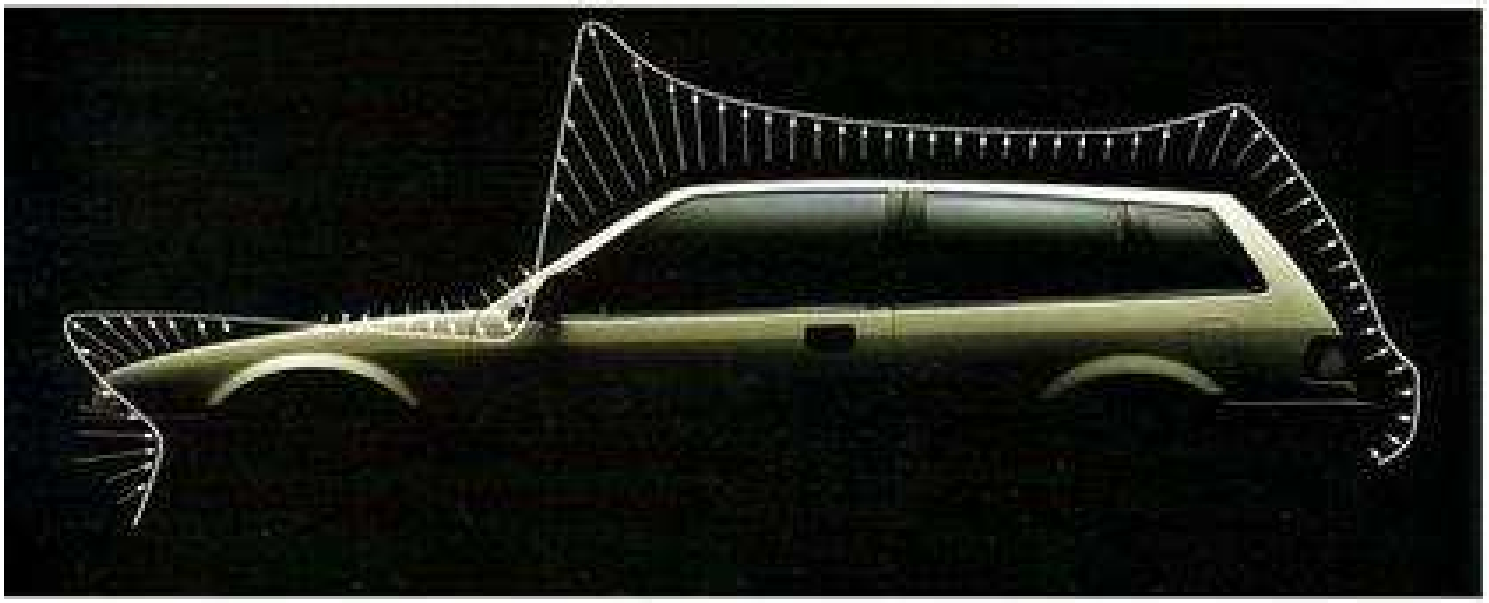
The Aerodeck's low bonnet and steeply raked windscreen slice through the air sending it smoothly off to the rear across the flush body surfaces.

From the front bumper with its integrated air dam, to the specially designed door mirrors and on to the long, sloping roof, the new Aerodeck sets new standards in aerodynamics to let you ride like the wind.

$C_d = 0.34$

$C_d \times A = 0.64$

$C_L = 0.04$



An added Measure of Comfort and Control
Honda's comprehensive aerodynamic design has resulted in an improved coefficient of drag (Cd) together with an improved coefficient of drag by frontal area (Cd x A) for minimal power loss at high speeds, improved fuel economy and less vibration and noise. The lift coefficient (CL) has also been lowered to contribute towards high speed stability.

Integrated Bumper Design
A special air dam is integrated with the front bumper to enhance the aerodynamic performance even further. On the EXi model, both front and rear bumpers are colour-keyed to match the overall paintwork, and a chin spoiler has been fitted at the front, for a more sportier image.

Retractable Headlamps
As part of Honda's relentless drive for aerodynamic excellence, the headlamps are fully retractable to keep the line of the bonnet smooth and unbroken. Such a low profile design minimises adverse aerodynamics even when the lights are raised, as well as contributing to the sporting image of the new Aerodeck.

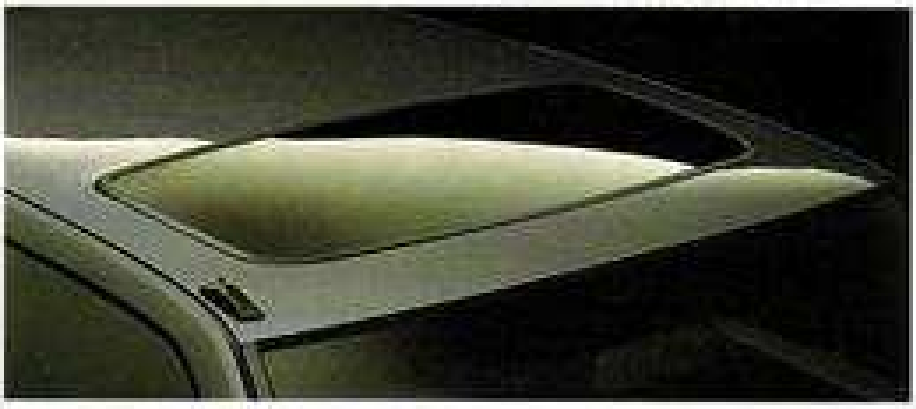
Smoother sides
To add the finishing touch to the improved aerodynamic characteristics of the new Aerodeck Honda have smoothed out all non-flush surfaces also helping to reduce wind noise. An integrated door design creates smoother side lines that remain almost unbroken by the windows. Even the side windows are designed to curve gently, making the transition from the window pane to the body as smooth as possible, with only a 5mm difference in level between the windows and the actual bodywork.

Semi-Concealed Windscreen Wipers
To smooth the flow of air across the front of the Aerodeck as well as to help increase visibility, the windscreen wipers have been tucked away between the bonnet and the screen itself.

Electric Aerial
On the EXi model the driver has the added convenience of being able to raise or lower the aerial from his seat thanks to a well positioned power control.

Specially Tinted Windscreen
The upper portion of the tinted windscreen on the EXi version is shaded to filter out the sun's rays and to create a subtle, more restful driving position.

Electric Door Mirrors
The EXi also has the added benefit of having electrically adjustable mirrors to provide a large field of vision with minimal effort from the driver. They also conveniently fold forward when parking in tight spots.

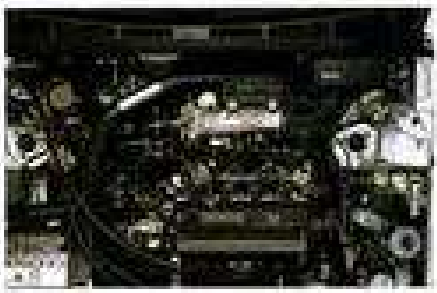


Electric Smoked Glass Sunroof
Available on the Aerodeck EXi, this glass sunroof opens at the touch of a button. When the sunroof slides back a sunshade automatically opens to protect the interior from direct sunlight. And if you'd like more light on rainy or chilly days, the sunshade can be opened while the sunroof remains shut.

Designed for performance

The new Honda Aerodeck has been engineered to perform, and that means performance in terms of fuel efficiency as well as a high top speed and fast acceleration.

With Honda's highly advanced 2.0 litre 12-valve cross-flow engine, plus the PGM-FI system, which ensures exhilarating response in the EXi model, the new Aerodeck sets new standards in all-round performance for family hatchbacks.



3-Valve Cross-Flow Engine
When Honda designed the Aerodeck's engine, they took advantage of a depth of experience gained in building high-performance engines for their successful racing cars. Knowing that the key to boosting the power of an engine lies in improving intake and exhaust efficiency, Honda increased the total valve diameter of the Aerodeck's engine. The result was a completely new 2.0 litre 3-valve per cylinder cross-flow unit, incorporating one exhaust and two intake valves for each cylinder. With a larger valve area and the cross-flow design, Honda have achieved the sort of combustion efficiency normally reserved for 4-valve per cylinder units - in a design as compact as conventional 2-valve per cylinder engines. This outstanding multi-valve engine technology ensures response and a higher level of fuel economy more power, greater than ever thought possible from such a compact engine design.

Honeycomb Insulator
The EX is fitted with a honeycomb insulator directly below the carburettor which helps maximise the fuel mixture distribution, thereby improving starting performance, fuel economy and driveability at low engine temperatures.

PGM-FI

PGM-FI — Honda's Original Programmed Fuel Injection System

PGM-FI, Honda's Original Programmed Fuel Injection System

Race proven by Honda's highly successful Formula One Grand Prix engines, the special PGM-FI electronic fuel injection system employed in the EXi model senses the engine's running condition, calculates the optimum air/fuel ratio for any given condition and injects the precise amount of fuel to each cylinder.

A combination of precision sensors, an 8-bit digital computer and a 4-cylinder

sequential injection system instantly and accurately responds to the ever changing needs of the intake volume that occurs when the engine is working at high speeds. This increased responsiveness makes driving the Aerodeck EXi an exhilarating experience.

Efficient Intake/Exhaust System

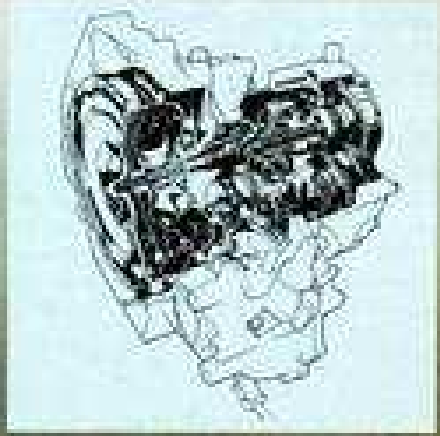
The high performance levels of the Aerodeck EXi extend even to the car's intake/exhaust system. The special 4 into 2 into 1 into 2 exhaust system and equal length intake manifolds have both been shaped to optimise intake/exhaust efficiency and so increase output power.

HONDAMATIC

4-Speed Fully Automatic with Lockup Torque Converter

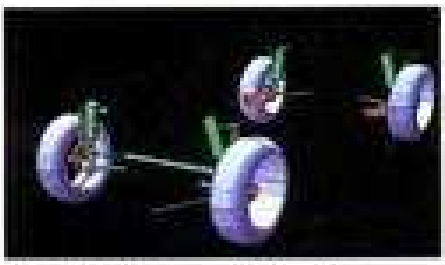
4-Speed Fully Automatic with Lock-Up Torque Converter

Designed to give you smoother acceleration and so a more comfortable ride, the automatic transmission system available on both EX and EXi incorporates a Lock-up mechanism to prevent torque converter slippage in the lower gears as well as in 4th. This mechanism is also engineered to give better fuel economy when running at a low throttle as well as giving a quicker response for more vivid acceleration. In this way, the Hondamatic gives you the best of both worlds - good economy with increased performance.



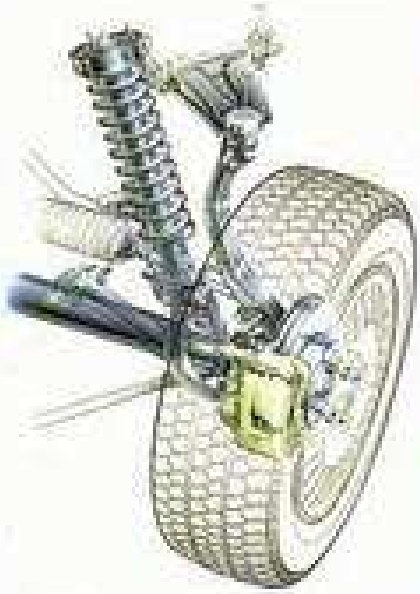
A polished performance on wheels

Revolutionary 4-Wheel Double Wishbone type Suspension System
A stable yet smooth ride over most road surfaces, with a high speed cruising ability even when cornering, the new Aerodeck offers what few other cars can: It delivers outstanding handling characteristics whilst maintaining its ride qualities. With their innovative suspension system Honda have given the Aerodeck a rare combination of sports car ride and road holding.

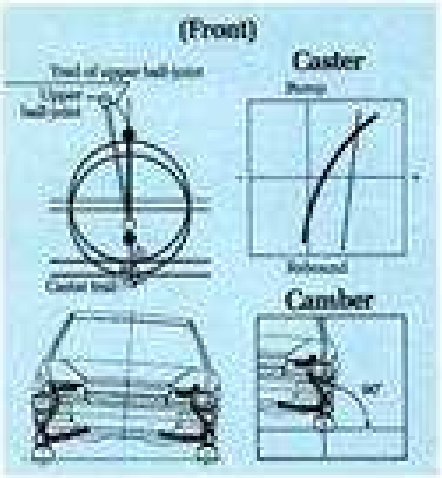


After exhaustive research, Honda's engineers have developed an innovative new configuration that, for the first time, brings the benefits of the double wishbone system to a front wheel drive car, while utilising a low body profile. In a single stroke this new system solves virtually all of the disadvantages of conventional wishbone suspension, such as extra size, increased weight and complex structure, while offering the advantages of extraordinary stability and ride.

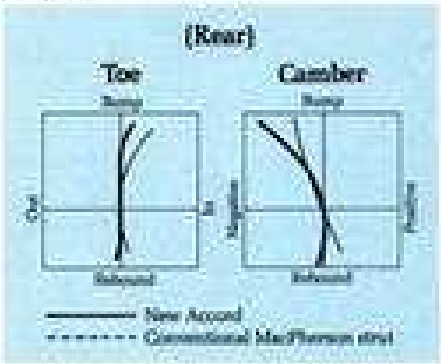
Front Double Wishbone Suspension



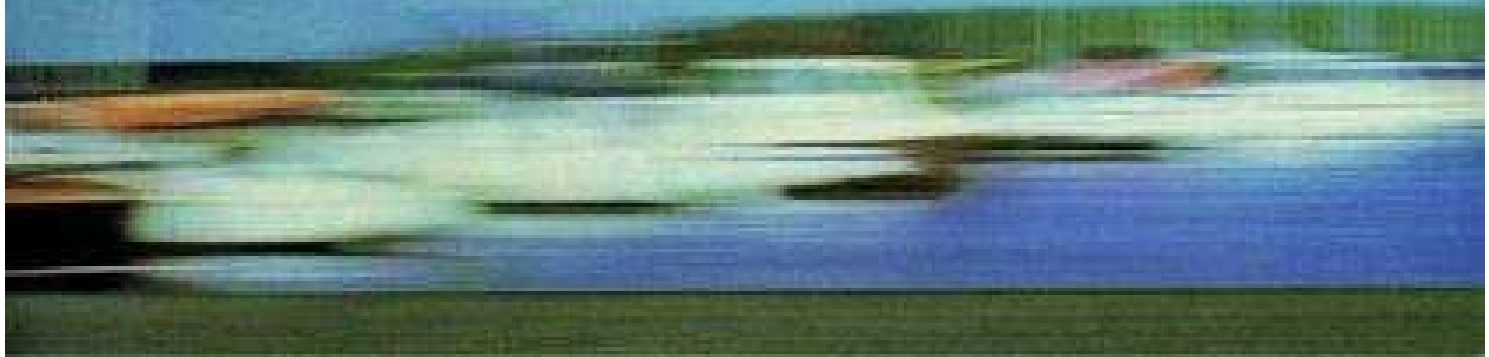
Progressive Suspension Geometrics
The key to the Aerodeck's unprecedented combination of a quality ride plus sure handling is the specially developed linkage layout that lets the suspension geometry respond to external forces as though it had a built-in steering mechanism of its own. By continually adjusting wheel caster, camber, toe-in and out, Honda's system is extremely compliant without sacrificing driver control. The Aerodeck then goes on to enhance ride quality even further with softer springs and low-friction dampers which can give a smooth and comfortable ride.



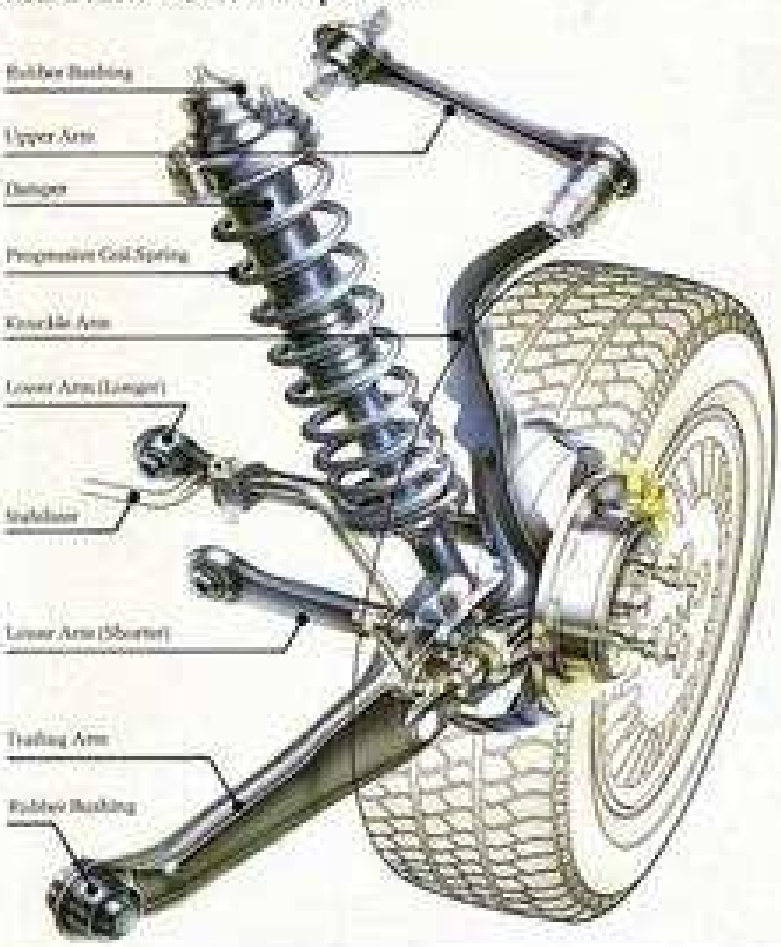
Double Wishbone type Front Suspension
Originally introduced in the Prelude, this innovative front suspension succeeds in bringing the full potential of a double wishbone system to a front-wheel drive car, while keeping a low bonnet line to optimise the aerodynamics. It features a wide span between the upper and lower arms, an offset upper arm configuration and a damper that forks around the drive-shaft to ensure a quality ride and improved handling.



Double Wishbone type Rear Suspension
At the rear, the Aerodeck incorporates two lower arms of differing lengths plus an I-beam upper arm and trailing arm with a knuckle joint. This double wishbone system gives extra compliance while maintaining a high level of driving stability.



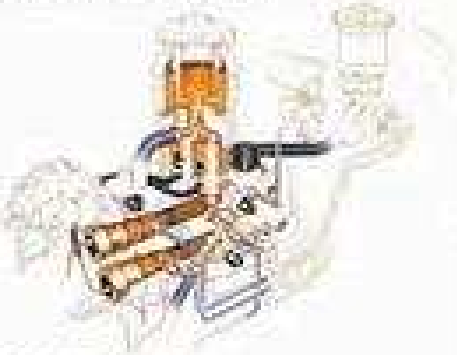
Rear Double Wishbone Suspension



4wA.L.B.

4-Wheel Anti-Lock Brake System

The high technology that Honda have built into the powerful new engine in the Aerodeck and the double wishbone type suspension system has also been incorporated into the advanced electronically controlled brake system. When you brake hard, a microcomputer applies the brakes intermittently, giving the kind of pumping action needed to resist wheel lock-up on wet or icy roads or on snow. The safety element of this electronic technology is enhanced even further by independent front and rear brake mechanisms that ensure the steering is kept on-line even on rough roads or when cornering. The 4-Wheel A.L.B. system is standard on the Ex model.

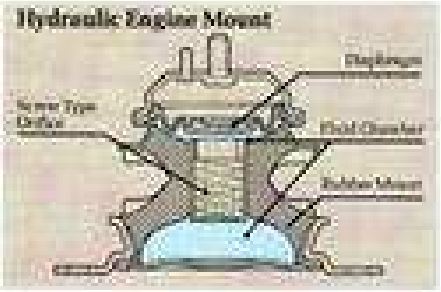


Reliable Braking System
The front disc brakes on the new Aerodeck are ventilated to help boost their resistance to fading. On the EXi model fitted with the A.L.B. system, disc brakes are also to be found on the rear wheels for surer, safer braking.

Space Efficiency
Designed for greater space utility as well as maximum performance, the rear suspension in the new Aerodeck not only gives plenty of room for rear seat passengers, but also has allowed Honda to build added storage space into the rear cargo area.

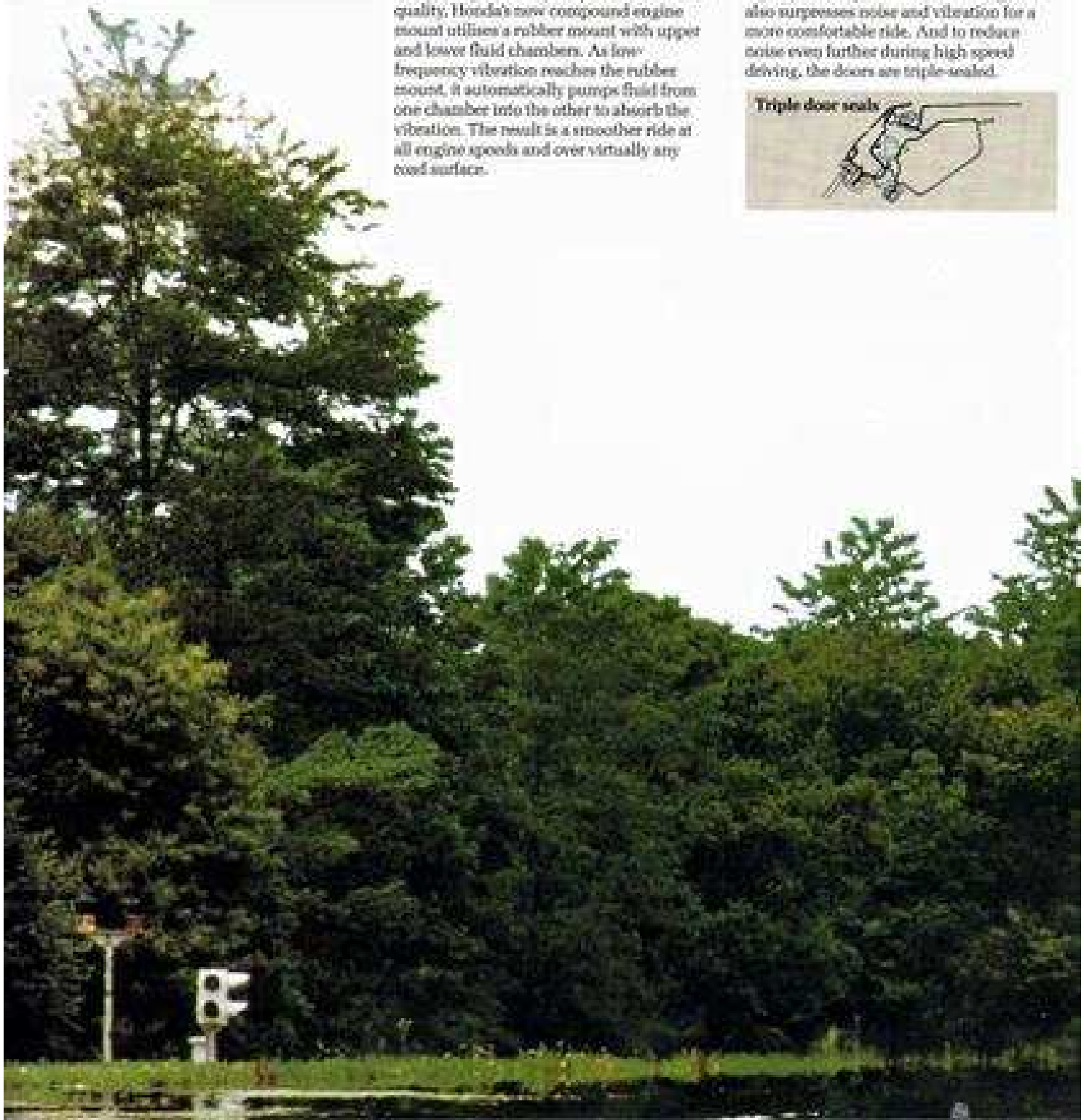
Anti-Dive and Anti-Lift Geometry
Smoother, more stable braking is ensured in the new Aerodeck by Honda's own suspension system that keeps everything on the level. To prevent nose dives during braking, the front suspension of the Aerodeck employs anti-dive geometry, and an anti-lift geometry has been built-in to the rear suspension to prevent the pitching movement that lifts the tail end of the car up when the brakes are applied.

An added measure of comfort and control.



Newly Developed Hydraulic Engine Mount
In addition to the usual rubber engine mounts, the Aerodeck features a newly developed hydraulic engine mount. While the normal rubber mounts can adequately isolate the secondary vibration of a 4-cylinder engine (approx. 100Hz/3000rpm to 200Hz/6000rpm), low frequency vibration caused by road irregularities and suspension movement require additional dampening for ride quality. To achieve this quality, Honda's new compound engine mount utilizes a rubber mount with upper and lower fluid chambers. As low-frequency vibration reaches the rubber mount, it automatically pumps fluid from one chamber into the other to absorb the vibration. The result is a smoother ride at all engine speeds and over virtually any road surface.

Highly Rigid Bodywork
To create a safe, extremely rigid body while keeping down weight to maximize fuel efficiency, Honda developed a series of tests and computer analysis. This development together with years of design experience has resulted in extra strength being built into the sections between the front and rear wheels, between the side sills and the front and rear frames, and into the areas around the doors. The resulting rigidity not only enhances handling, but also suppresses noise and vibration for a more comfortable ride. And to reduce noise even further during high speed driving, the doors are triple-sealed.



Bonnet skin
electrolytic zinc-coated steel
Bonnet frame
galvanized (Fe/Zn alloy) steel and electrolytic zinc-coated steel

Front bumper
zinc-rich primer-coated steel

Protective undershield for engine

Tailgate skin
electrolytic zinc-coated steel
Tailgate frame
galvanized (Fe/Zn alloy) steel and electrolytic zinc-coated steel

Wheelarch, rear
electrolytic zinc-coated steel

Rear skirt
made of resin material

Door skin
zinc-rich primer-coated steel
Door frame
galvanized (Fe/Zn alloy) steel and electrolytic zinc-coated steel

Wheelarch, front
electrolytic zinc-coated steel

Chipping Primer Coating

Corrosion-Resistant, Long-Lasting Body

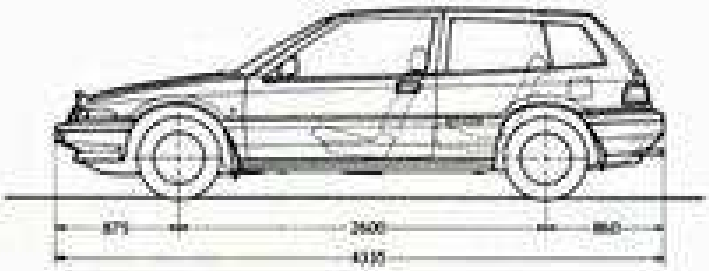
All Honda Accords undergo extensive anti-corrosion treatment for an extended body life. A superior quality anti-rust wax is generously applied wherever the body is susceptible to corrosion. The electrostatic paint application method provides even further protection. Bonnet skin, frame and front and rear wheelarches, the tailgate skin and frame and door frames are all manufactured from electrolytic zinc-coated steel. Front bumpers and door skin are made of zinc-rich primer-coated steel. And a special protective chip-proof urethane primer coating has been applied to the lower sides of the body that are susceptible to rusting.

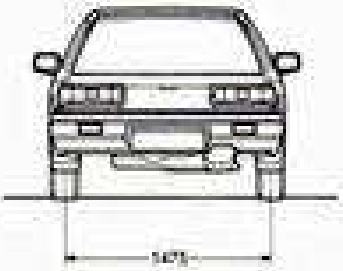
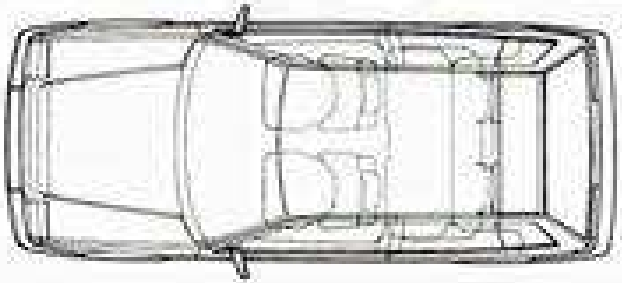
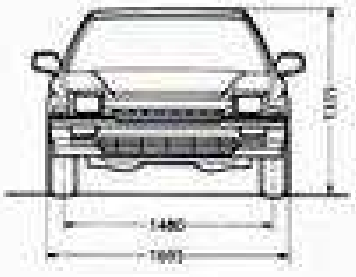
*The front bumper is fitted with a resin lining in addition to being coated with paint.
*The bumper arch is fitted with a resin chip guard.

SPECIFICATIONS/MAJOR EQUIPMENT

SPECIFICATIONS		EX		EXi	
ENGINE					
Type		Water cooled, 4-stroke DOHC 12-valve in-line 4-cylinder transversely mounted (EX-2.0L with PGM-FI)			
Bore & Stroke		82.7 x 91 mm			
Displacement		1,955cc			
Compression ratio		9.2		9.4	
Maximum horsepower (DIN)		100PS/5,500 rpm		122PS/5,500 rpm	
Maximum torque (DIN)		15.8kg-m/3,500 rpm		16.9kg-m/5,000 rpm	
TRANSMISSION					
Clutch	Manual	Dry single plate, diaphragm spring type			
	Hondamatic	Torque converter with lockup clutch			
Transmission type	Manual	Synchromesh five forward speeds, one reverse			
	Hondamatic	4-speed fully automatic			
Gear ratios		Manual		Hondamatic	
		1st	3.181	1st	2.529
		2nd	1.842	2nd	1.481
		3rd	1.250	3rd	1.000
		4th	0.917	4th	0.743
		5th	0.771		
		Reverse	3.000	Reverse	1.904
		Final	4.066	Final	4.066
STEERING SYSTEM					
Gear type		Rack and pinion			
Overall ratio		16.0			
Turns, lock to lock		3.13			
BRAKE SYSTEM					
Type	Front	Hydraulic servo-assisted ventilated discs			
	Rear	Hydraulic servo-assisted leading/trailing shoe drum type		Hydraulic servo-assisted discs	
Brake circuit		Diagonal dual circuit			
Parking brake		Mechanical expanding, rear two wheel brakes		Mechanically pressing the disc with pads	
SUSPENSION SYSTEM					
Front		Independent double wishbone, coil spring with stabilizer			
Rear		Independent double wishbone, coil spring with stabilizer			
DIMENSIONS					
Overall length		4,335 mm			
Overall width		1,695 mm			
Overall height		1,335 mm			
Wheelbase		2,600 mm			
Tread (front/ rear)		1,480/1,475 mm			
Ground clearance		160 mm			
Curb weight (Manual/Hondamatic)		1,075/1,095 kg		1,100/1,125 kg	
Maximum permissible weight		1,660 kg			
Turning circle diameter (at body/wheel)		11.2/10.4 m			
ELECTRICAL SYSTEM					
Battery		12V-36Ah			
Starter motor		12V-1.4kW			
Ignition		Full electronic transistorized			
Generator		12V-65A			
Headlights		12V-60/55W			
TYRES					
Type/Size		Steel-belted radial 185/70SR13			
Temporary spare tyre					
FUEL CONSUMPTION mpg*		EX (2 Star)		EXi (4 Star)	
		Man	Auto	Man	Auto
Urban		37.2	28.5	28.0	25.4
90km/h (56mph)		49.3	44.8	49.3	42.8
120km/h (75mph)		39.2	35.8	35.8	33.6

*Official Government fuel consumption figures





MAJOR EQUIPMENT	EX	EXi
GENERAL		
Power steering	●	●
Front/rear stabilizer	●	●
Front ventilated disc brakes	●	●
4-wheel anti-lock brakes (4W A.L.B.)	–	●
4-wheel disc brakes	–	●
Hydraulic engine mount	●	●
EXTERIOR		
Retractable headlights	●	●
Body-coloured bumper with chin spoiler	–	●
Tinted windshield with shaded band	–	●
Headlight washer	–	●
Electric sunroof	–	●
Door mirrors (both sides)	●	–
Electric door mirrors (both sides)	–	●
Resin wheel covers	●	●
Mudflaps (front and rear)	●	●
INTERIOR		
Seats (Soft weave)	●	–
Seats (Maquette)	–	●
Front headrests (Adjustable in height)	●	–
Front headrests (4-way adjustable)	–	●
Triple door seals	●	●
Folding segmented rear seatbacks	●	●
Driver's seat lifter	●	●
Walk-in seat	●	●
Seatbelts Front (3-point E.L.R. × 2)	●	●
Rear (3-point E.L.R. × 2 + 2-point manual × 1)	●	●
Seatbelt loader (driver's side)	–	●
Sunvisor (Vanity mirror on passenger's side)	●	●
Inside rearview mirror (Day/night type)	●	●
Rear shelf	●	●
Door pockets (front both sides)	●	●
Remote tailgate opener	●	●
Remote fuel fill opener	●	●
Power windows	–	●
Tilt-adjustable steering wheel	●	●
INSTRUMENTATION		
Tachometer	●	●
Hondamatic transmission mode indicator (Hondamatic only)	●	●
Safety indicator	●	●
Cigarette lighter & ashtray	●	●
Illumination control	●	●
Heater controls (push button type)	●	●
Two bi-level cooling vent system	●	●
Rear heater ducts	–	●
Coin pocket	●	●
Glove box with key	●	●
Power antenna	–	●
Digital quartz clock	●	●
Stereo radio/cassette player	●	–
Stereo radio/cassette player (4-speaker)	–	●
ELECTRICAL SYSTEM		
Halogen headlights	●	●
"Headlight on" reminder	●	●
Rear foglights	●	●
Semi-concealed windshield wiper (2-speed plus intermittent)	●	●
Rear window wiper/washer	●	●