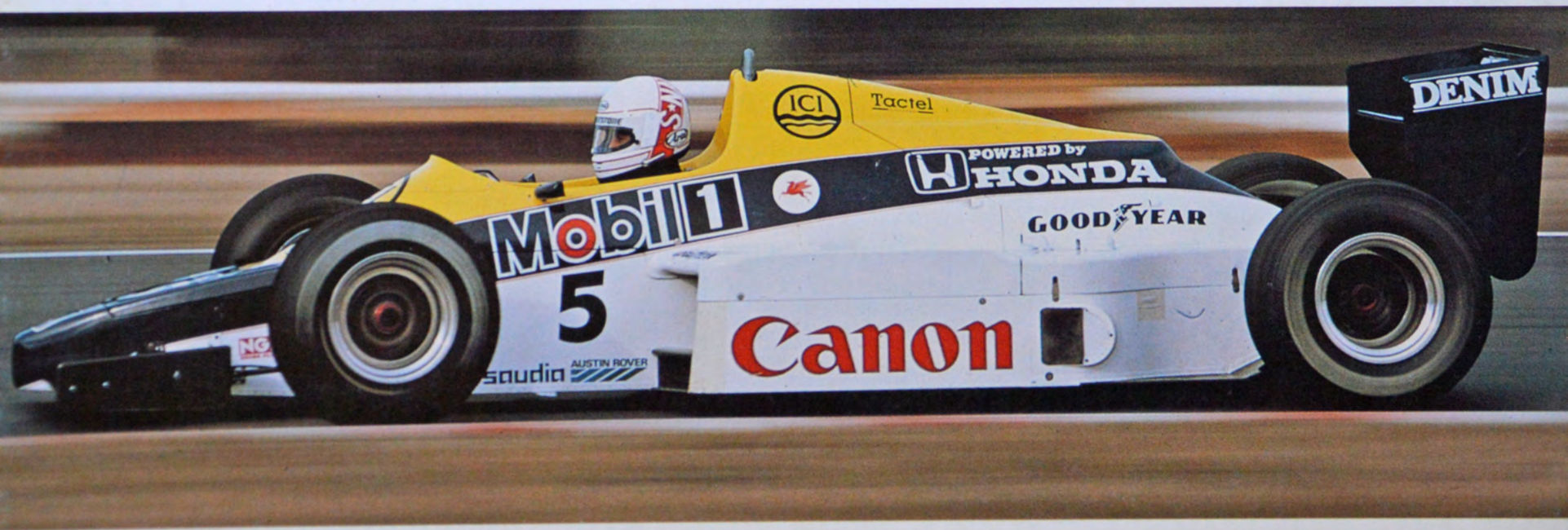
HONDA

# INTEGRA SX16



# INTEGRA SX16

*Beautifully simple … Simply beautiful!*

*That's Honda's exciting, new Integra SX16.*

*From the moment you first set eyes on its sleek, elegant lines you'll be moved to think sportscar and you'll be right but, Integra is so much more than that.*

*It's certainly a modern, sophisticated sportscar, designed and built for those who love to drive – with levels of performance potential, handling and stability that put many cars, many times its price to shame, but Integra is also a luxury sedan, too.*

*The appointments throughout are superbly and typically Honda – continuing a tradition of automotive excellence which has placed the name Honda firmly amongst the world's leaders in automotive design, technology and achievement.*

*From Integra's front air-dam, across the exceptionally low bonnet and roof line, to the stylish, up-lifted rear deck, the smooth, uninterrupted profile speaks volumes about Integra's aerodynamic efficiency.*

*Its wide stance and long wheelbase promises and delivers brilliant handling and stability.*

*Integra's design concepts, styling, performance, its very existence owe a great deal to Honda's enormously successful involvement in Formula One Grand Prix Racing.*

*By reading this booklet, you'll begin to understand that Integra SX16 is a remarkable automobile by any standards of performance or price … By driving it, you'll know for certain!*

## AERODYNAMICS

It's worth noting that, in the field of heavy trucks, as much as 50% of the power available can be expended merely to push the vehicle and its trailer combination through the air.

If nothing else, this fact demonstrates the importance of aerodynamics – the science of smoothing air flow around a moving vehicle.

The true secret of aerodynamics is to produce a design which is not only technically efficient, but one that looks beautiful and stylish, too.

Integra, with a co-efficient of drag (CD) measuring just 0.34, is in the forefront of passenger vehicle aerodynamic efficiency and its looks are unquestionably right!

This achievement is, in no small way, attributable to Honda's design skills in such areas as near-flush mounting of side glass, bonding of windscreens, the elimination of unnecessary protrusions such as door handles, screenwipers and headlamps and, of course, through the extensive use of wind-tunnel testing and computer-aided design, the overall vehicle shape.

Integra is very smooth, very efficient and thus, it's also very quiet and very fuel-efficient as well!

*Integra has a sports oriented wide stance*

*Integra's wide and low frontal area*

*Wrap around rear window with rubber spoiler*

*Retractable headlights enhance the sporty styling*

*Sleek aerodynamic styling with semi-concealed front wipers and rear spoiler*

*Almost flush side windows greatly reduce wind noise*

INTEGRA

## ENGINE

Sophisticated design, drawing heavily on Honda's achievements in Formula One Grand Prix Racing, combined with uncompromising engineering standards, make Integra one of those rare automobiles which can achieve remarkable performance without sacrificing exceptional economy. The details of this accomplishment speak for themselves.

The scintillating performance that's there from the very start comes from a 16 valve, double overhead camshaft, 1.6 litre, four cylinder power plant at the very apex of its development.

Throughout, lightweight alloys reduce weight, with the 4 valve per cylinder, cross-flow configuration producing a super-efficient, air/fuel mixture "burn".

Integra's Programmed Fuel Injection (PGM-F1) system is yet another example of Honda's Formula One skills and experience put to practical use. The system uses a micro-processor to monitor information supplied by individual sensors and uses that information to precisely meter fuel/air mixture to an incredibly accurate degree.

The result is that maximum available power is squeezed from every drop of fuel, that power results in unfalteringly smooth acceleration and maximum fuel efficiency right across the rev range.

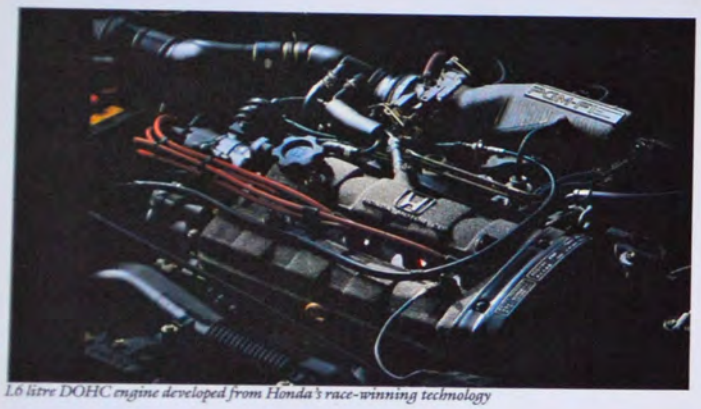
Ignition is, of course, electronically controlled.

DOHC PGM-FI

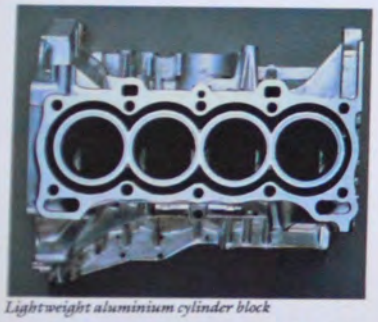
SX16

## TRANSMISSION

In keeping with Integra's sports image, standard transmission is a manual, 5-speed, close-ratio gearbox controlled through a sporty, short-throw lever. As you'd expect, fifth ratio is an overdrive with the

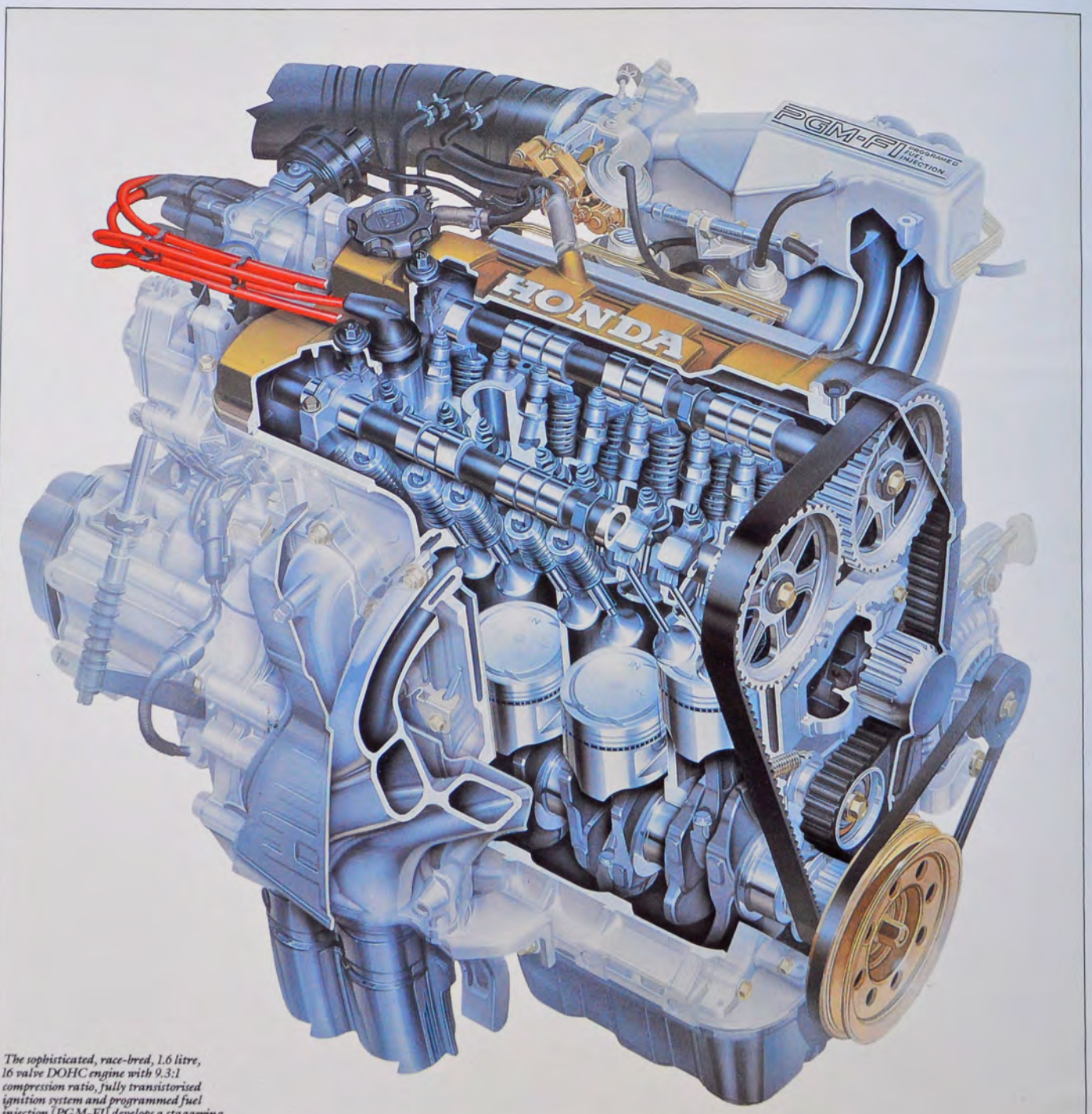



*1.6 litre DOHC engine developed from Honda's race-winning technology*

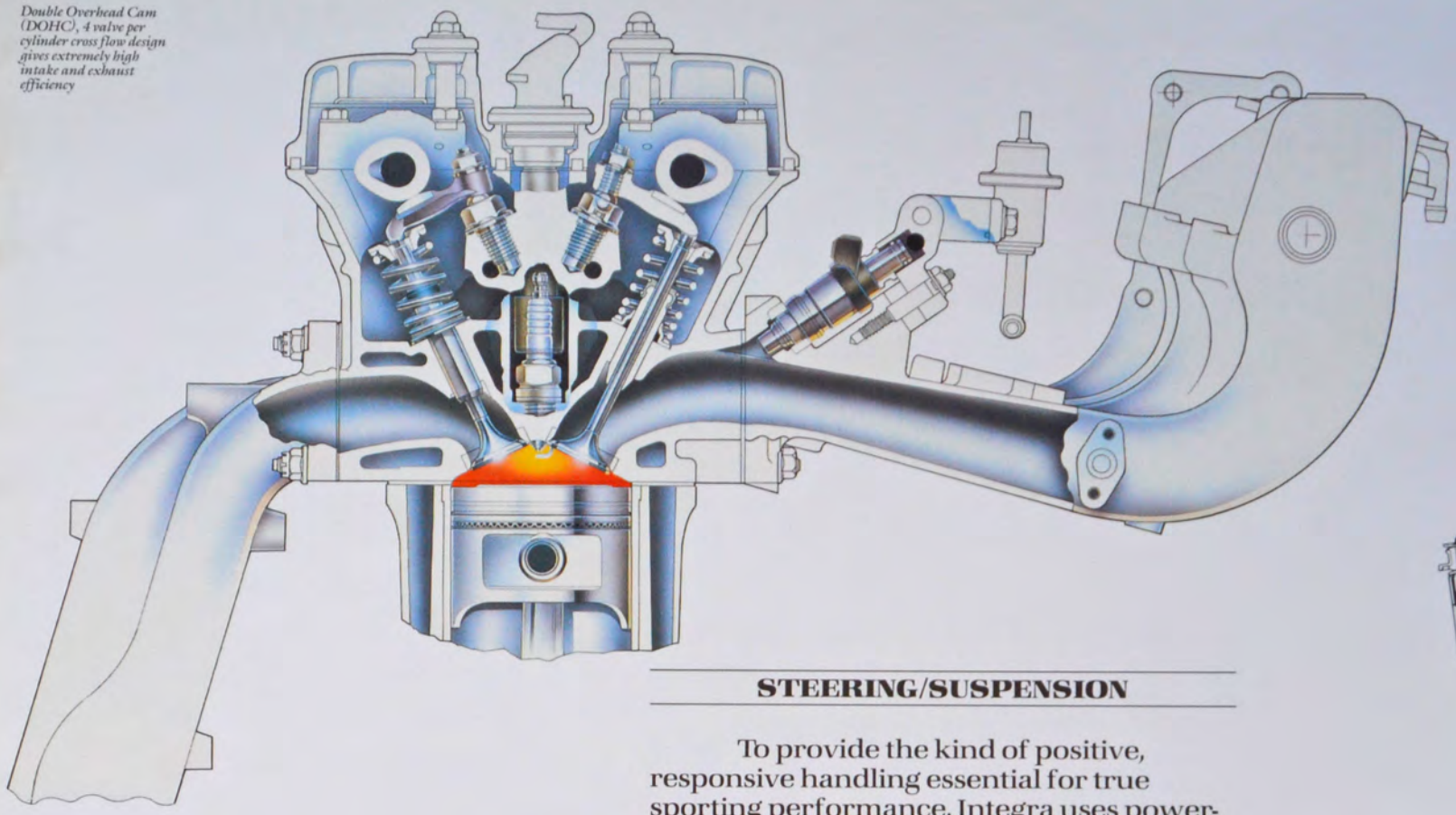


*Lightweight aluminium cylinder block*

*Onboard computer for PGM-FI*




*The sophisticated, race-bred, 1.6 litre, 16 valve DOHC engine with 9.3:1 compression ratio, fully transistorised ignition system and programmed fuel injection (PGM-FI) develops a staggering 90 kilowatts*



*Double Overhead Cam (DOHC), 4 valve per cylinder cross flow design gives extremely high intake and exhaust efficiency*

inherent benefits of economy and highway quietness. The engine is so tractable that there is no need to wait until you hit the highway to use it. Fifth is a most usable gear around town, too!

If you prefer the convenience of automatic driving, you'll thrill to Honda's four-speed system. It's amongst the lightest and most compact units ever developed and features a unique torque converter lock-up which transmits engine power without 'slip'. When this feature is added to the fact that fourth ratio is an overdrive, the result is remarkably smooth, economical and quiet.

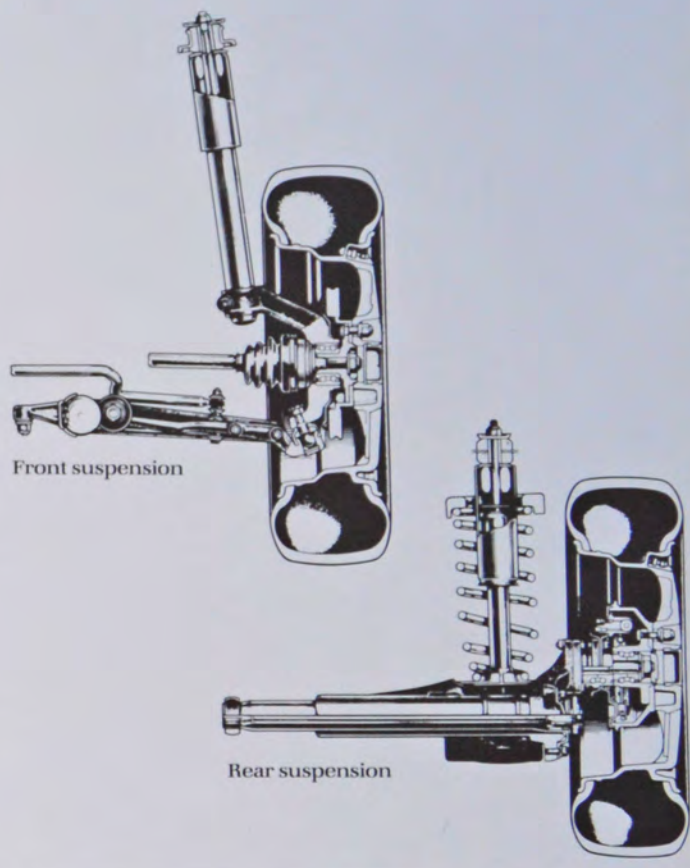
## STEERING/SUSPENSION

To provide the kind of positive, responsive handling essential for true sporting performance, Integra uses power-assisted rack and pinion steering system. To eliminate the torque steer so often encountered in front-wheel drive configurations, both drive shafts are of equal length.

Integra's feel, its wide-track looks and style are matched perfectly by a finely-tuned suspension system featuring anti-dive front geometry.

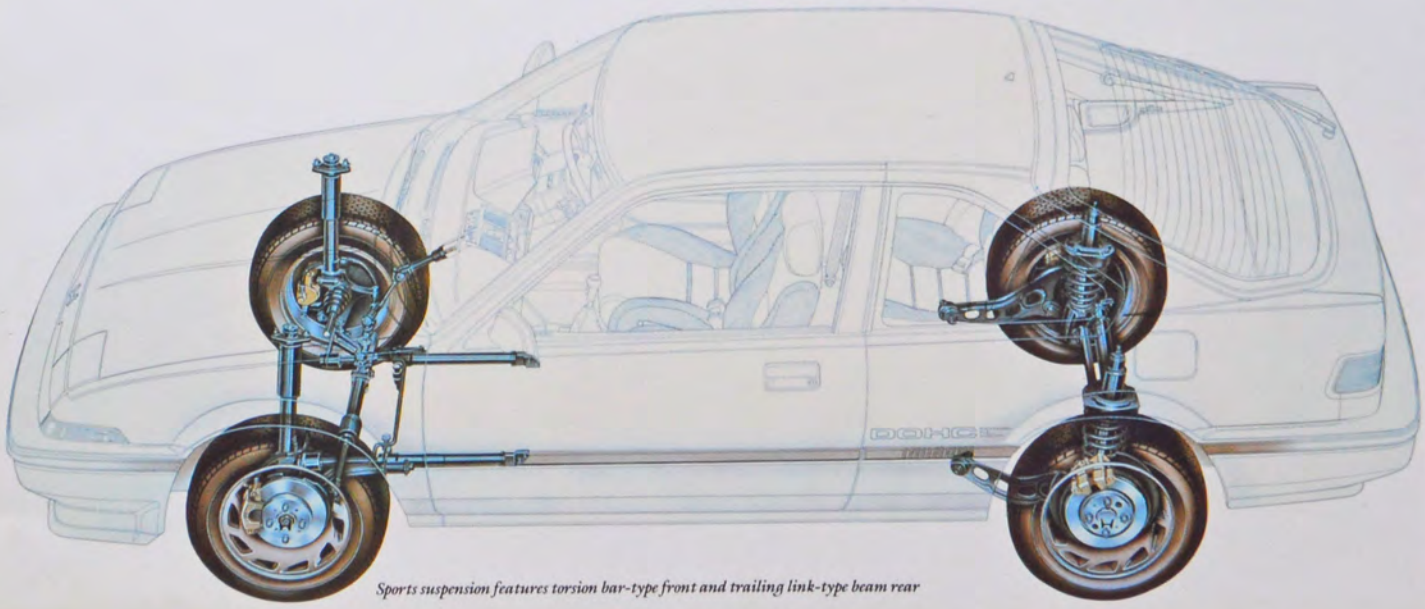
At the front, a torsion bar strut system incorporates a stabiliser and at the rear, a trailing-link beam also incorporates a stabiliser bar.

Directional stability under braking is further enhanced by negative offset geometry.



Front suspension

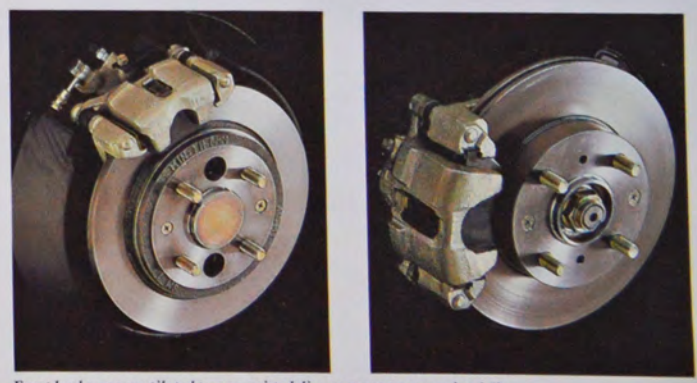
Rear suspension



*Sports suspension features torsion bar-type front and trailing link-type beam rear*

## BRAKING

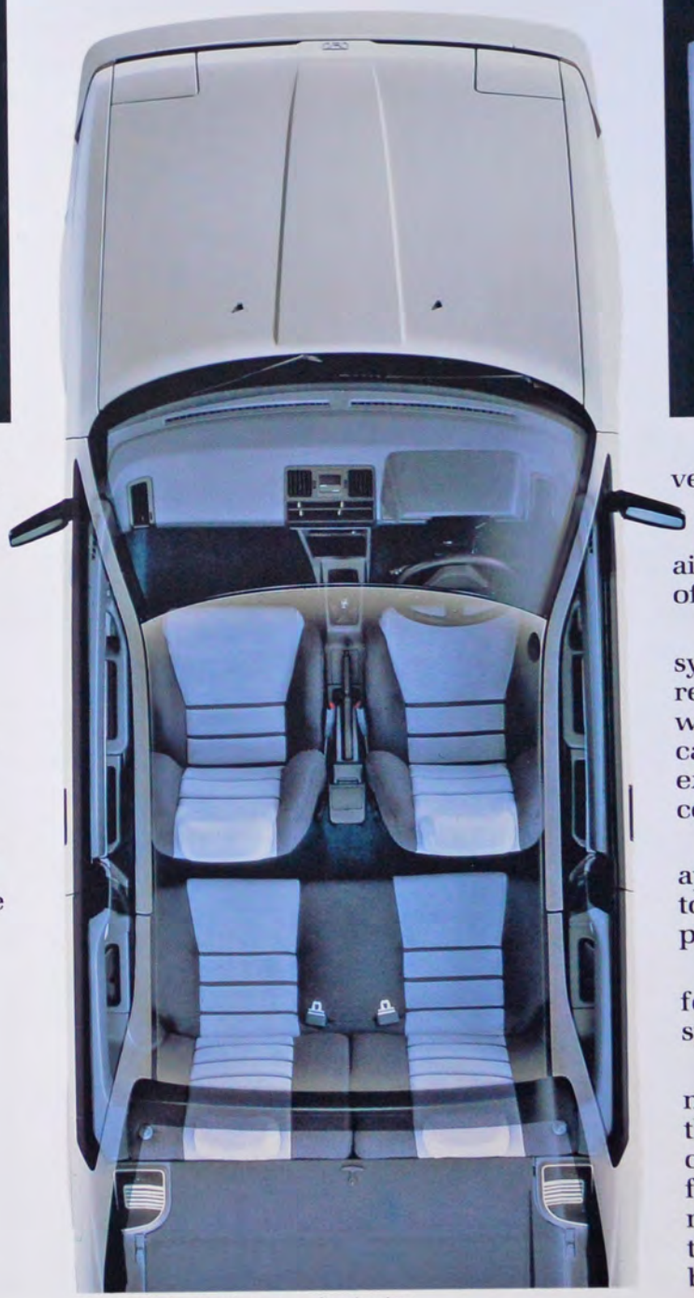
As befits a true sports car, Integra's braking system is four wheel power-assisted disc – ventilated at the front and, of course, diagonally split for extra safety.

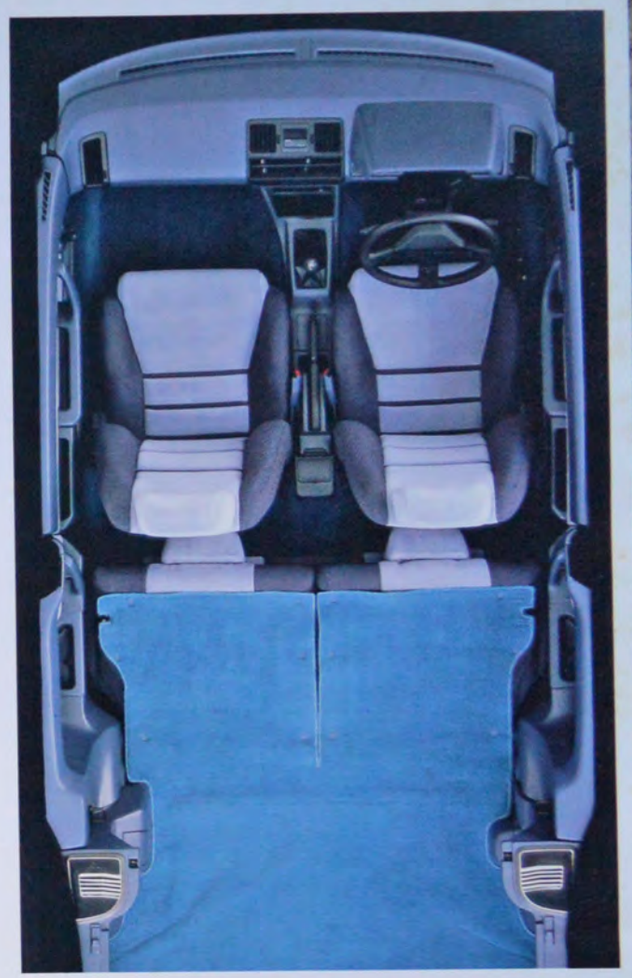


*Front brakes are ventilated power-assisted disc, rear are power-assisted disc*

Marlboro
Canon
Arai
Marlboro
NESTE+NES
DOHC
PROGRAMMED
FUEL
INJECTION

# INTERIOR





## INTERIOR

In thinking of Integra as a sports car, for indeed its performance, handling and exciting style makes that notion inescapable, one may be tempted to also think small, cramped and spartan. Nothing could be further from the truth!

Integra can best be classified as a luxury, four seat sportster. The effective and efficient use of inner space is astounding in its driveability, its luxury and its practicality.

Nowhere is this better displayed than in your driver's seat. The comprehensive instrumentation provides every conceivable piece of information needed for total control of Integra. Everything is designed and situated for maximum driving comfort and ease. The rally-styled seat, with deep, firm side-padding, cushions and holds you in superb comfort and can be adjusted almost at will. The thickly-padded, small diameter, three-spoke steering wheel is tilt-adjustable. To add to performance, driving comfort and support, there's a rest for your left foot. Thoughtful and useful pockets and compartments abound throughout the interior.

*Trim colours and combinations may vary from those shown*

The comprehensive interior airflow/ventilation and heating system offers you a great deal of control and, if you elect to install Honda's optional integrated airconditioning, you have total control of "the weather" inside.

There's a rear wiper/washer/demister system to ensure your view backwards remains uninterrupted even in the worst weather. Both the fuel filler cap and tailgate can be released from the driver's seat. Both external rear-view mirrors are remotely controllable.

As befits Integra's luxury appointments, an electronic clock and a top quality, Pioneer AM/FM stereo cassette player is installed as standard equipment.

The rear seat is split and can be folded down to provide additional luggage space to the large amount already available.

Honda Integra SX16 is much more than a sports car... It's much more than a luxury sedan. Integra is a unique combination of both, delivered with style, flair, driving promise and excitement that makes it a totally new concept ... a concept that is only Honda and could only ever be Honda.

# INTERIOR

*All controls are designed to be in easy reach of the driver*

*Wrap around angled dashboard, designed and equipped to give superb visibility*

*...sophisticated, Honda developed Power Steering system*

*Sporty 3-spoke wheel with tilt adjustment*

*Digital Quartz Clock*

*Rear Ashtray*

*Flexibile mount side mirrors*

*Remote tailgate and fuel lid openers*

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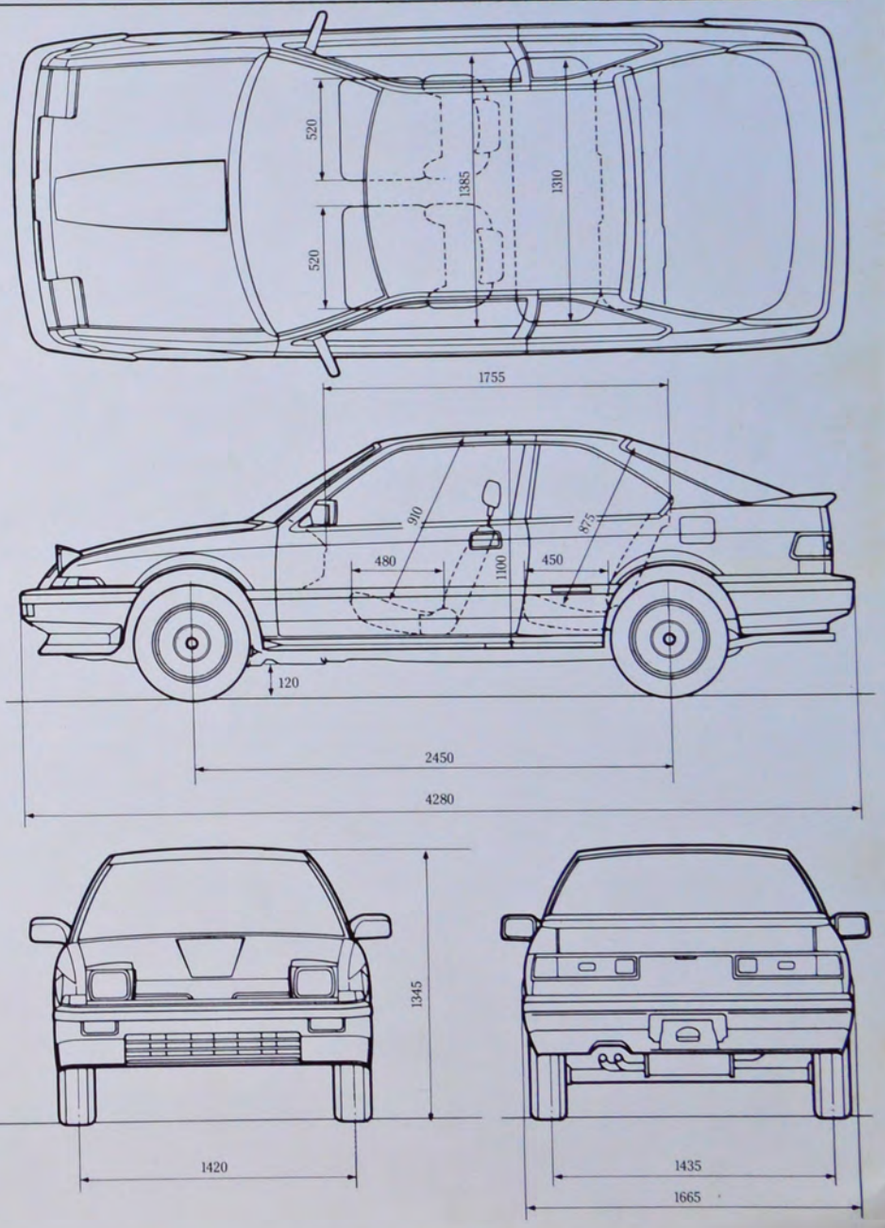
# SPECIFICATIONS

## INTEGRA

| | |
|---|---|
| Overall length | 4280 mm |
| Overall width | 1665 mm |
| Overall height | 1345 mm |
| Wheel base | 2450 mm |
| Track – Front | 1420 mm |
| Rear | 1435 mm |
| Ground clearance | 120 mm |
| Turning radius | 4.8 m |
| Seat capacity | 5 |
| Curb weight – Manual | 1020 kg |
| Automatic | 1035 kg |
| Fuel tank | 50 litres |
| Engine type | Water-cooled, gasoline fuel injected, 4-cycle DOHC |
| Cylinder arrangement | 4 cylinders in-line, transverse |
| Bore & Stroke | 75 x 90 mm |
| Displacement | 1590 cc |
| Compression ratio | 9.3:1 |
| Valve train | Timing belt driven double overhead camshaft |
| Lubrication system | Trochoid pump |
| Fuel required | Unleaded gasoline with 91 Research Octane Number or higher |
| Steering | Power-assisted rack & pinion |
| Suspension – Front | Anti-roll bar struts and torsion bar |
| Rear | Anti-roll bar torsional beam coil spring |
| Tyres | 195/60 14 with Aluminium wheel |
| Brakes – Front | Power assisted ventilated discs |
| Rear | Power assisted discs |

## MAJOR FEATURES:

- ▲ Speed responsive power-assisted rack and pinion steering
- ▲ Tilt steering wheel
- ▲ Driver's footrest
- ▲ Four wheel disc brakes
- ▲ Michelin steel belted radial ply tyres
- ▲ Aluminium alloy wheels
- ▲ Retractable quartz-halogen headlamps
- ▲ Integrated front air dam
- ▲ Flexible rear spoiler
- ▲ Laminated windscreen with band tint
- ▲ Other glass smoke tinted
- ▲ Side protector strips
- ▲ Digital clock
- ▲ Split folding rear seat
- ▲ AM/FM stereo radio/cassette player
- ▲ Rear-window wiper/washer/demister systems
- ▲ Remote controls for fuel-filler flap and tailgate release
- ▲ Door pockets
- ▲ Fully reclining front bucket seats
- ▲ Velour cloth trim seats
- ▲ Illuminated glove compartment
- ▲ Day/night rear view mirror
- ▲ Full instrumentation includes speedometer with odometer and trip meter, tachometer, fuel gauge, temperature gauge, electronic mode indicator (automatic), comprehensive driving and safety function warning light systems
- ▲ Column mounted controls for headlamps, parking lights, overtaking flashers, hi-lo beam and front and rear wiper washer systems




NOTE
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HONDA
*The art of automotive excellence*

24 MONTH 40,000 KM WARRANTY
36 MONTH BODY PROTECTION PLAN
Ask your dealer for details.

# HONDA

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DOHC
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Mobil 1
5
Canon
saudia
MISSONI
SPORT