



INTEGRA
TYPE **R** 1998

Lighter, faster and even more exhilarating

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**THE SIZE OF A BANTAMWEIGHT,
THE POWER OF A HEAVYWEIGHT**

Thanks to numerous refinements, the VTEC engine in the Type-R produces an incredible 195 horsepower from just 1.8 liters — giving it the highest output per liter of any normally aspirated automobile powerplant offered in the United States.



195-HORSEPOWER VTEC ENGINE (25-HP INCREASE OVER INTEGRA GS-R)

- Large-diameter throttle body and single-port intake manifold < to maximize high-rpm engine efficiency
- Hand-polished intake ports to improve engine airflow <
- Increased-duration, higher-lift camshafts for improved engine breathing <
- 12 percent lighter intake valves to extend engine rev range to 8400 rpm <
- High-compression (10.6:1), low-friction pistons <
- Forged-steel crankshaft with eight counterweights to reduce vibration at high rpm <
- Large-diameter, free-flow intake and exhaust systems <
- Aluminum oil cooler maintains optimum engine-oil temperature <

HIGH-PERFORMANCE COCKPIT

- Deeply bolstered, high-traction racing-design front seats with suede-like side trim <
- Leather-wrapped steering wheel and gearshift knob <
- Carbon fiber-look instrument panel <
- Numbered plaque affixed to center console denotes limited-edition status <

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IMPROVED RESPONSIVENESS AND HANDLING

- > Lightweight flywheel for improved throttle response
- > Close-ratio, five-speed gearbox provides smooth, seamless shifting
- > Heavy-duty, hydraulically actuated clutch for reliable, positive shift action
- > Torque-sensitive, helical limited-slip differential improves traction and enhances responsiveness in high-cornering-load situations
- > Lower suspension, stiffer springs and firmer shocks
- > Larger-diameter front and rear disc brakes (vented front discs)
- > High-performance 195/55 R15 Bridgestone Potenza RE010 summer-use tires on lightweight, five-bolt 6.0 JJ x 15 alloy wheels
- > Reduced vehicle weight (79 pounds lighter than Integra GS-R)

BODY/STRUCTURAL ENHANCEMENTS

- > Stiffened body structure for exceptional rigidity and suspension control
- > High rear wing for added stability
- > Chin spoiler for improved aerodynamics

A TACHOMETER THAT LIVES THE HIGH LIFE



With its 8000-rpm power peak and sizzling 8400-rpm redline, the VTEC engine in the Integra Type-R delivers the exhilarating performance and lightning fast response normally associated with purpose-built racing powerplants.

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To put it bluntly, the Acura Integra Type-R is not for everyone. This is a sports coupe created exclusively for those demanding driving enthusiasts



who insist on nothing less than no-compromises performance. To that end, the Type-R features a wealth of mechanical refinements, including a specially prepared VTEC engine rated at 195 horsepower (a 25-hp increase over the Integra GS-R); a firm, sport-tuned suspension; high-performance summer-use tires;

DESIGNED FOR DEMANDING **ENTHUSIASTS,** THE TYPE-R COMBINES
A LIGHTWEIGHT DESIGN WITH HIGH-PERFORMANCE COMPONENTS—CREATING AN INTEGRA
OF UNPRECEDENTED **POWER AND RESPONSE.**

a close-ratio five-speed gearbox; a limited-slip differential; large-diameter front-disc brakes; and a cockpit



carefully designed for maximum efficiency at the wheel. The result is a sporting automobile of exceptional purpose and prowess, a car all but unrivaled in its class. No wonder that the RealTime/Comptech Integra Type-R race car

captured the T2-class drivers' title in the highly competitive 1997 SCCA World Challenge. Because the

Acura Integra Type-R doesn't just set the sports-coupe standard; it sets the pace, too.

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INSPIRED BY A PROUD HERITAGE OF RACING

SUCCESS, THE TYPE-R IS THE MOST THRILLING

INTEGRA EVER BUILT. A true driver's car, the Type-R

enhances the reputation for race-



bred performance and razor-sharp responsiveness for

which the Acura Integra is justly renowned.

TYPE-R ENGINEERING FEATURES

- > 195-horsepower, 1.8-liter, 16-valve, DOHC, in-line 4-cylinder engine
- > High-volume intake manifold, hand-polished intake ports
- > Twin-coil intake valve springs with oval cross-section for high lift
- > Lightweight, high-flow intake valves
- > High-lift, high-strength camshafts
- > Lightweight, high-strength connecting rods
- > High-rigidity, 8-counterweight crankshaft
- > High-compression, low-friction pistons
- > High-volume airbox with repositioned intake
- > High-flow exhaust system
- > Torque-sensitive helical limited-slip differential
- > 15 mm lower suspension with 70% larger rear stabilizer bar, revised caster and camber settings, and harder bushings
- > Increased diameter disc brakes
- > Front suspension aluminum tower bar
- > Rear suspension performance brace

SPECIFICATIONS

ENGINE TYPE	1.8-liter, 16-valve, DOHC, in-line 4-cylinder
REDLINE	8400 rpm
FUEL CUTOFF	8500 rpm
HORSEPOWER, SAE NET	195 hp @ 8000 rpm
TORQUE, SAE NET	130 lbs-ft @ 7500 rpm
BORE & STROKE	3.19 in x 3.43 in (81 mm x 87.2 mm)
DISPLACEMENT	1797 cc (110 cu in)
COMPRESSION RATIO	10.6:1
INDUCTION SYSTEM	Programmed Fuel Injection (PGM-FI) with single-port intake manifold
VALVETRAIN	4 valves per cylinder, dual overhead camshafts driven by a single belt with Variable Valve Timing and Lift Electronic Control (VTEC)
ENGINE BLOCK	Aluminum alloy with cast-in iron cylinder liners
CYLINDER HEAD	Aluminum alloy
EMISSION CONTROL	3-way catalytic converter/EACV

IGNITION SYSTEM	Electronic ignition with knock sensor
RECOMMENDED FUEL	Premium unleaded, 91 octane
STABILIZER BARS	Front Ball joint type
	0.94 in diameter
	Rear 0.87 in diameter
STEERING TYPE	Variable power-assisted, rack-and-pinion with rotary-valve steering gear
STEERING RATIO	16.1:1
WHEELS	6.0 JJ x 15 cast-aluminum alloy
TIRES	Bridgestone Potenza RE010 195/55 R15 84V*
BRAKING SYSTEM	Dual-diagonal, power-assisted, 4-wheel disc brakes with ABS
	Front Discs Ventilated, 11.1 in (282 mm) diameter, 0.98 in (25 mm) rotor thickness
	Rear Discs Solid, 10.2 in (260 mm) diameter, 0.39 in (10 mm) rotor thickness

POWERTRAIN

TYPE	Transverse-mounted front engine/ front-wheel drive with equal-length halfshafts
TRANSMISSION	Ratios (:1)
	1st 3.230
	2nd 2.105
	3rd 1.458
	4th 1.107
	5th 0.848
	Reverse 3.000
	Final Drive 4.400

COMFORT AND CONVENIENCE

- > Air conditioning (optional)
- > Power windows
- > Power door locks
- > AM/FM stereo/CD with 6 speakers and power antenna

INTERIOR FEATURES

- > Type-R-exclusive upholstery combination
- > Driver's seat lumbar adjustment
- > Leather-wrapped steering wheel and gearshift knob
- > Amber instrument illumination
- > Center console with armrest and Type-R numbered plaque
- > Type-R-exclusive ignition key

EXTERIOR FEATURES

- > White-finished, 5-lug, lightweight aluminum-alloy wheels
- > Wing-type rear spoiler
- > Type-R decals/emblems
- > Body-colored front chin spoiler, side sills, front and rear bumpers
- > Projector beam headlights (low beams)
- > Dual power door mirrors
- > Exclusive Championship White exterior finish

SAFETY FEATURES

- > 4-wheel Anti-Lock Braking System (ABS)
- > Driver's and front passenger's air bag Supplemental Restraint System (SRS)
- > Side-impact door beams and hip pads
- > 3-point outboard seat belts
- > 5-mph bumpers (front/rear)
- > Front and rear crumple zones
- > Rear window wiper

EXTERIOR DIMENSIONS

WHEELBASE	101.2 in (2570 mm)
TRACK	Front 58.3 in (1480 mm)
	Rear 58.1 in (1475 mm)
LENGTH	172.4 in (4380 mm)
WIDTH	67.3 in (1710 mm)
HEIGHT	50.2 in (1275 mm)
MINIMUM GROUND CLEARANCE	4.5 in (115 mm)
CURB WEIGHT	2595 lbs (1177 kg)
WEIGHT DISTRIBUTION	% front/rear 62/38

TYPE-R ACCESSORIES

- > Air conditioning kit
- > Trunk mat
- > Floor mats
- > Simulated carbon-fiber shift knob
- > Nose mask

WARRANTIES

Vehicle 4-year/50,000-mile limited warranty
Outer Body Rust-Through 5-year/unlimited-mile limited warranty
Roadside Assistance (TLC) 4-year/50,000-mile

