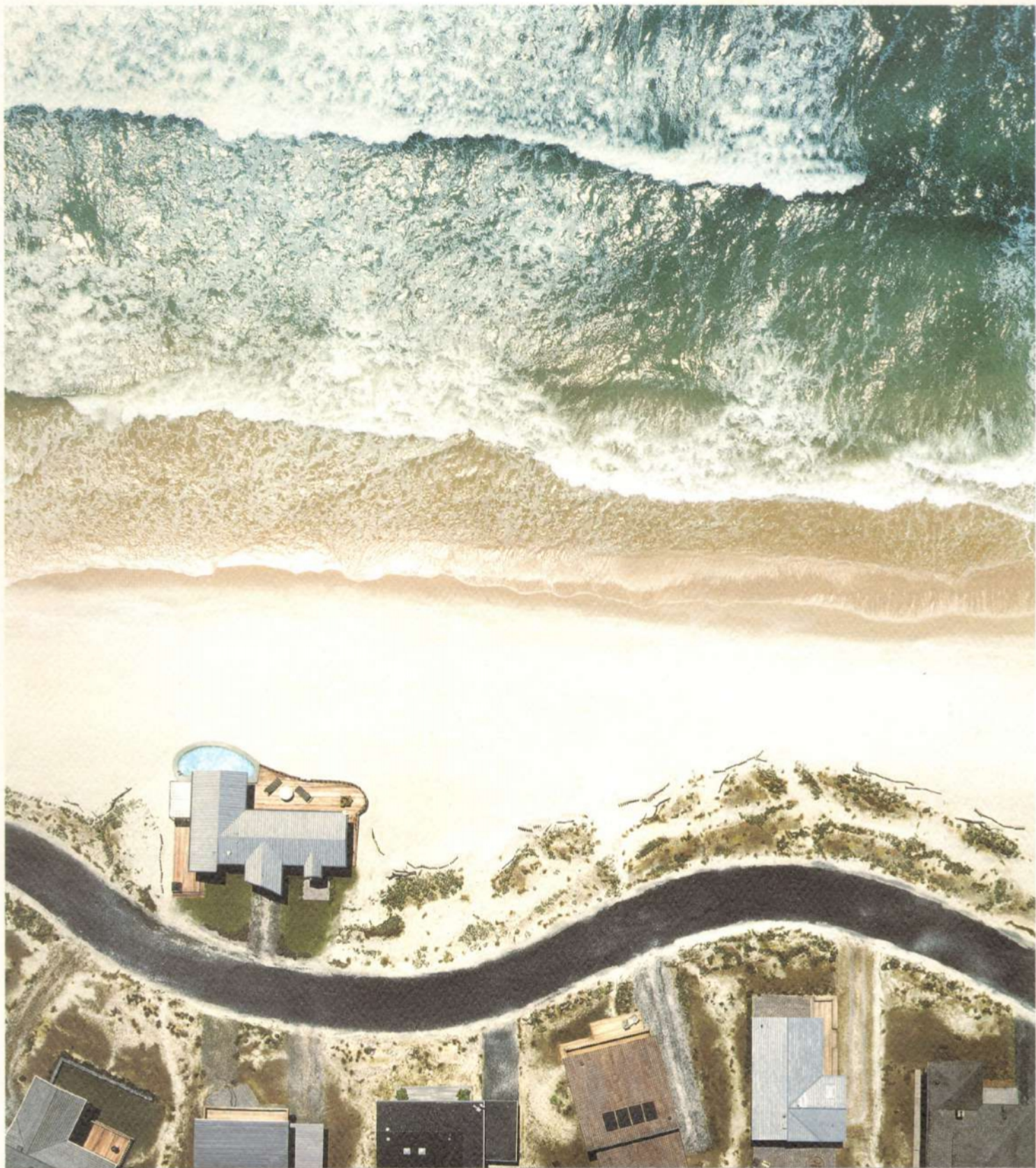




2005

Acura RL



Discover a new road. The all-new 2005 Acura RL is like nothing that has come before.

It combines amenity-rich elegance and exhilarating high performance with revolutionary, first-of-its-kind technology—including the world's most advanced all-wheel-drive system.

Indeed, this extraordinary new car reinvents the driving experience from the ground up.





Acura RL shown in Celestial Silver Metallic.





Acura RL shown in Lakeshore Silver Metallic.

UNLEASH SOME FOUR-WHEELED FURY.

Set free its potential, and the RL exhibits stunning athleticism. Its 300 muscular horses flow out to all four wheels to generate exhilarating, pulse-pounding straight-line acceleration. And just when you think driving couldn't be any more fun—the road bends.

PERFORMANCE

300-hp, 3.5-Liter, 24-Valve V-6 Engine

Drive-by-Wire Throttle System™

Variable Valve Timing and
Lift Electronic Control (VTEC®)

4-Valve-Per-Cylinder Configuration

High-Inertia Intake Manifold

Variable-Flow Exhaust System

Super Handling All-Wheel Drive™ (SH-AWD™)

Carbon-Fiber-Reinforced Propeller Shaft

5-Speed Sequential SportShift Automatic
Transmission with Paddle Shifters

PGM-FI Programmed Fuel Injection

Ultra-Low-Emission Vehicle (ULEV-2)¹

105,000-Mile Tune-Up Interval²



Acura RL shown in Lakeshore Silver Metallic.

TURN GRAVITY SIDEWAYS.

Amazing lateral G-forces signal that this new RL brings with it a revolutionary way to handle turns. But the most remarkable feeling you experience might be how the SH-AWD system makes it feel so easy, poised and natural. Now there's no turning back.

HANDLING

Super Handling All-Wheel Drive (SH-AWD)

4-Wheel Independent Double-Wishbone Suspension with Multi-Link Rear

Aluminum Wishbones, Multiple Links and Knuckles

Front Shock Tower Bar

Front and Rear Stabilizer Bars

Aluminum Front and Rear Subframes

17-Inch Aluminum-Alloy Wheels

P245/50 R17 High-Performance All-Season Tires

Variable Power-Assist Rack-and-Pinion Steering

4-Wheel Disc Brakes with Ventilated Rotors and 4-Piston Aluminum Front Calipers



Acura RL interior shown with Ebony Leather.

ARE YOU CONNECTED?

Become one with your world and your RL. Unlock it and drive without touching a key.

See traffic problems long before you're mired in them. Surround yourself with sumptuous audio culture. All while savoring supple, hand-selected leather and lustrous wood trim.

INTERIOR TECHNOLOGY

Acura Navigation System with Voice Recognition¹

AcuraLink[™] Satellite Communication System with Real-Time Traffic²

HandsFreeLink[™] Wireless Telephone Interface

Theft-Deterrent System with Electronic Immobilizer

One-Touch Power Moonroof with Tilt and Sliding Shade

Acura/Bose[®] Premium 10-Speaker Surround-Sound System

In-Dash CD/DVD-Audio/DTSS[®] 6-Disc Changer

XM[®] Satellite Radio³

Keyless Access System with Driver Recognition

OnStar[®]

Auto-On/Off Headlights



Acura RL interior shown with Ebony Leather.

INTERIOR COMFORT

Driver's 8-Way Power Seat	GPS-Linked, Solar-Sensing, Dual-Zone, Dual-Mode Automatic Climate Control System
Front Passenger's 4-Way Power Seat	Power Rear Sunshade and Rear Side Sunshades
Driver's and Front Passenger's Power-Adjustable Lumbar Support	Ambient Interior Lighting
Heated Front Seats	Dual-Level Front Armrest Storage
Remote Retractable Rear-Seat Head Restraints	Curly Maple Wood Trim





Acura RL shown in Meteor Silver Metallic.

SAFETY THROUGH INNOVATION.

Performance driving is so much more enjoyable when you know your vehicle is watching out for you. The new Acura RL combines impressive strength with sophisticated safety engineering. So you can indulge your penchant for sport with serious confidence.

SAFETY

Front Dual-Stage, Dual-Threshold Airbags	Advanced Compatibility Engineering™ (ACE™) Body Structure
Front Side Airbags with Passenger-Side Occupant Position Detection System (OPDS)	Active Front Lighting System (AFS) with Xenon High-Intensity Discharge (HID) Headlights
Side Curtain Airbags	LED Brakelights, Taillights and Mirror-Integrated Directional Signals
Vehicle Stability Assist (VSA®) with Traction Control	Tire Pressure Monitoring System (TPMS)† with Location and Pressure Indicators
Anti-Lock Braking System (ABS) with Electronic Brake Distribution (EBD) and Brake Assist	



TECHNOLOGY + DESIGN

Performance	22
Handling	24
Navigation	28
Advanced Amenities	30
Safety	34
Specifications	36
Features	37
Owner Benefits	38



3.5-Liter, 24-Valve, VTEC V-6 Engine

This is the most powerful engine ever to motivate a production Acura vehicle. Horsepower peaks at a scintillating 300, and maximum torque is rated at 260 lbs-ft. These ample numbers are the product of a combination of sophisticated technologies. VTEC helps ensure immediate response across the rpm range. The 4-valve-per-cylinder heads provide abundant flow on both intake and exhaust sides. Feeding the induction system is a high-inertia intake manifold that optimizes cylinder charging at every engine speed. It teams up with PGM-FI Programmed Fuel Injection for precise, efficient fuel use. The state-of-the-art direct ignition places a high-tension coil in conjunction with each spark plug for a reliably hot spark. The engine block and heads are made of a lightweight, heat-dissipating aluminum alloy. And this true masterpiece of the engine-builder's art has even been designed to travel 105,000 miles between scheduled tune-ups.

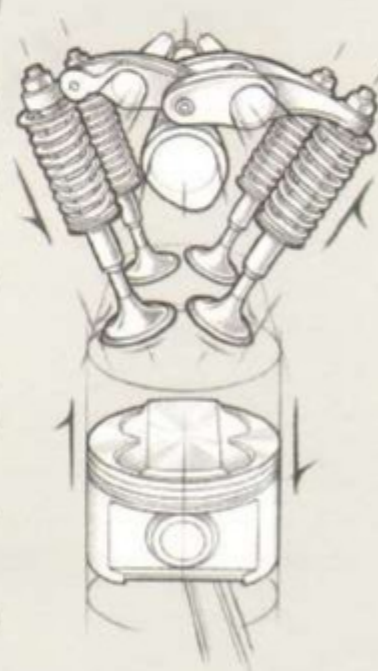
Lofty Horsepower, Broad Torque, Ultra-Low Emissions

The RL reaches its 300-hp peak at 6200 rpm, and maximum torque occurs at 5000 rpm. But thanks to VTEC, the high-inertia intake manifold and other powerband-enhancing technologies, the RL's torque curve is broad and flat. So you don't have to spin the engine very fast before you start feeling a serious rush of acceleration. With an accompanying rush of adrenaline. And along with the emotional benefits of this powerplant, the RL offers rational ones as well. Because while you're enjoying the performance, this remarkably well-engineered vehicle is having a minimal impact on the planet. In fact, this exhilarating car is certified as an Ultra-Low-Emission Vehicle (ULEV-2)—an amazing technological feat indeed.



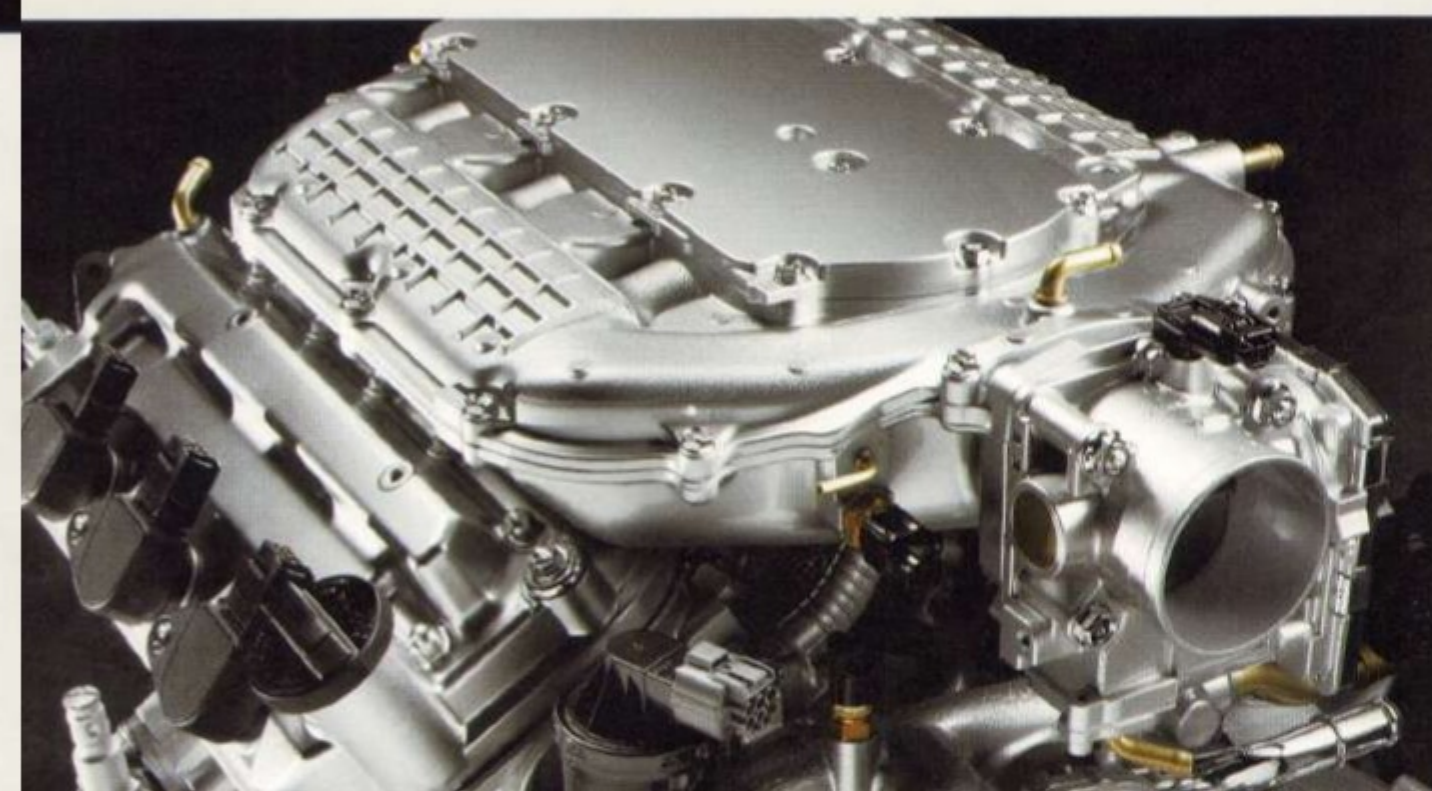
Variable Valve Timing and Lift Electronic Control (VTEC)

Two of the more critical specifications in engine design are the timing of the valves' opening and closing, and how far they open—their lift. In a conventional valve system, these elements are fixed by the profiles on the camshaft. The problem is that fixed timing and lift are only efficient in a narrow rpm range, so this ordinary engine can make ample power at either low engine speeds or up high. VTEC overcomes this compromise by using dual cam profiles. At lower speeds, one profile maintains timing and lift appropriate for excellent torque production. As the engine revs higher, the other profile is actuated by a hydraulic system. This second profile advances the valve opening, and holds it open farther and longer to enhance high-rpm horsepower.



High-Inertia Intake Manifold

Here's an example of how physics can actually be fun. This manifold uses sonic resonance—in other words, energy waves bouncing around inside the plenum chamber—to enhance cylinder charging at low speeds. As the rpms increase, a valve within the chamber snaps open to effectively cancel the resonance. This allows the inertia of the incoming air to pack the cylinders with a fresh charge. The result is better performance in every area of the rpm range.



Drive-by-Wire Throttle System

This setup replaces cables and linkages with a sophisticated electronic system. In addition to accelerator-pedal input, it considers data from various sensors to apply the optimal amount of throttle opening. The benefits include smoother power, quicker response and greater efficiency. It also integrates with the RL's Sequential SportShift transmission to enable more rapid gearshifting.

Variable-Flow Exhaust System

At lower speeds, the amount of exhaust gas generated is minimal. So the RL's exhaust system sends it on a longer, quieter route to the tailpipe. As the rpms pass 3500, a valve opens to allow a straighter, less restricted way out. And that sportier exhaust note you hear is strictly intentional.



5-Speed Sequential SportShift Automatic Transmission with Paddle Shifters

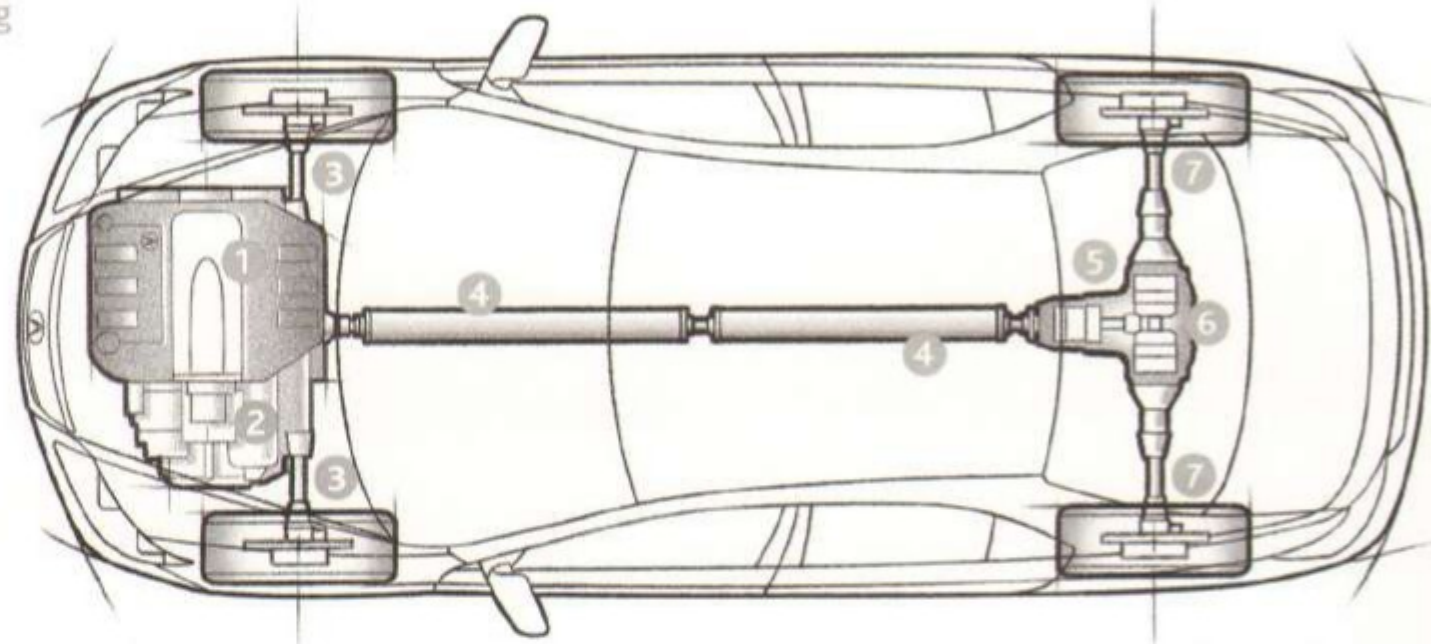
The RL gives you plenty of choices when it comes to shifting gears. Its fully automatic mode provides smooth, responsive shifting that adapts to your driving style. If you would like to initiate the shifts yourself, simply move the gearshift lever into the Sequential SportShift gate to the left. Then you can upshift and downshift by nudging the lever forward or back, respectively. Or, simply use the new steering wheel-mounted paddle shifters. They allow you to make all the shifts you want without taking your hands from the wheel. And regardless of the SportShift method you choose to employ, the RL's gear changes will be accomplished with remarkable quickness as well as positive feel.





Acura Super Handling All-Wheel Drive (SH-AWD)

Expanding on the traction and control benefits of conventional all-wheel drive, the SH-AWD system adds sophistication, refinement—and a whole new way to corner. It can vary the distribution of engine torque between the front and rear wheels, up to 70% either way, to optimize acceleration traction or cruising fuel efficiency. When driving on surfaces with uneven friction coefficients, such as sandy, wet or icy pavement, the system can sense impending traction loss and send power to the wheels with the most traction to enhance control and stability. And when you power into a corner, the RL does something you've never experienced before. All of the engine power coming to the rear is directed to the outside wheel, and that one wheel is mechanically accelerated to actually generate additional turning force. Instantly and seamlessly, you experience dramatically increased cornering ability, turning precision and steering neutrality. Indeed, during our skidpad tests, the RL put up a remarkable .89g of lateral force. By comparison, the Acura NSX®—our renowned 2-seat sports exotic—has generated .90g in our skidpad tests. This is cornering prowess of a higher order—but you'll get used to enjoying it in short order.

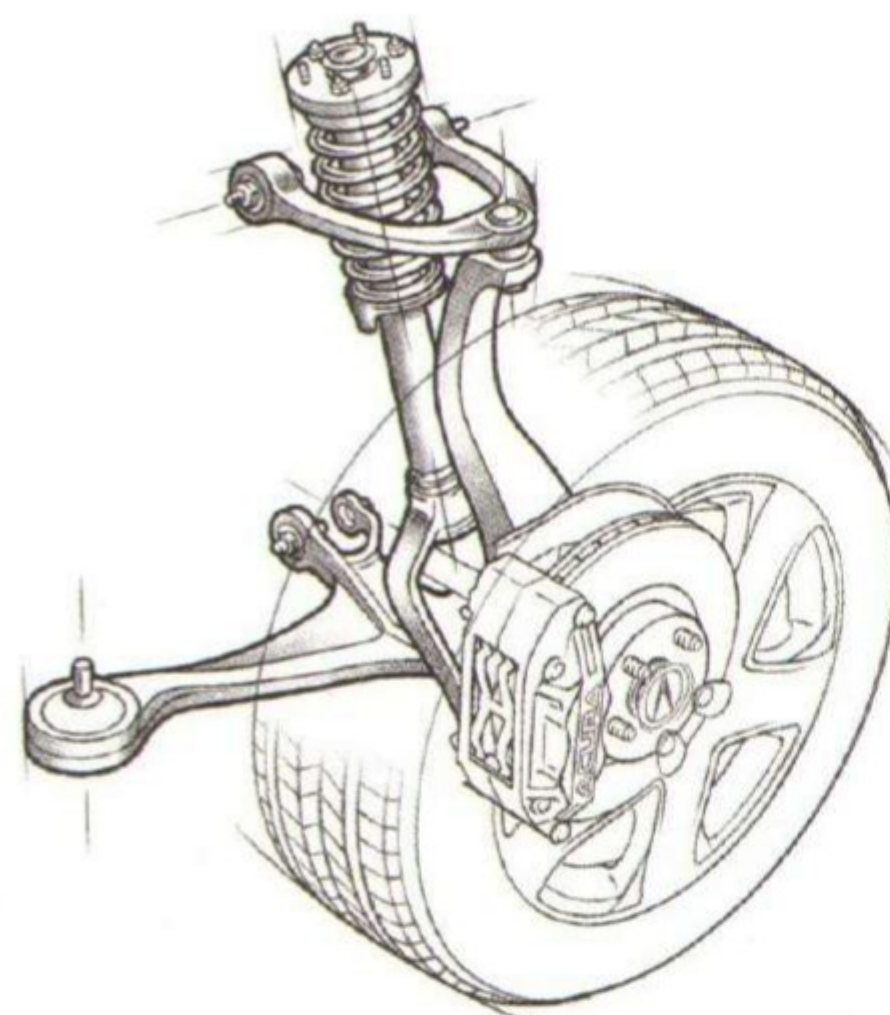


Brute Power, Brilliantly Applied

- 1 - 300-hp VTEC V-6 engine
- 2 - 5-speed automatic transmission
- 3 - Front drive shafts
- 4 - Carbon-fiber-reinforced propeller shaft
- 5 - 2-speed planetary gearset
- 6 - Electromagnetic clutches
- 7 - Rear drive shafts

Variable Power-Assist Rack-and-Pinion Steering

To help optimize steering feel and performance, the RL features a sophisticated speed-sensing, electronically controlled hydraulic power-steering system. The system provides plenty of boost for assistance during low-speed maneuvering, such as when parallel parking. Out on the road, feedback through the wheel is enhanced by reducing the hydraulic assist. The exceptional precision of the rack-and-pinion system and excellent on-center feel are amplified by the RL's optimized kingpin geometry in the front suspension. The overall experience is one of exhilarating confidence and control in virtually any situation you encounter.

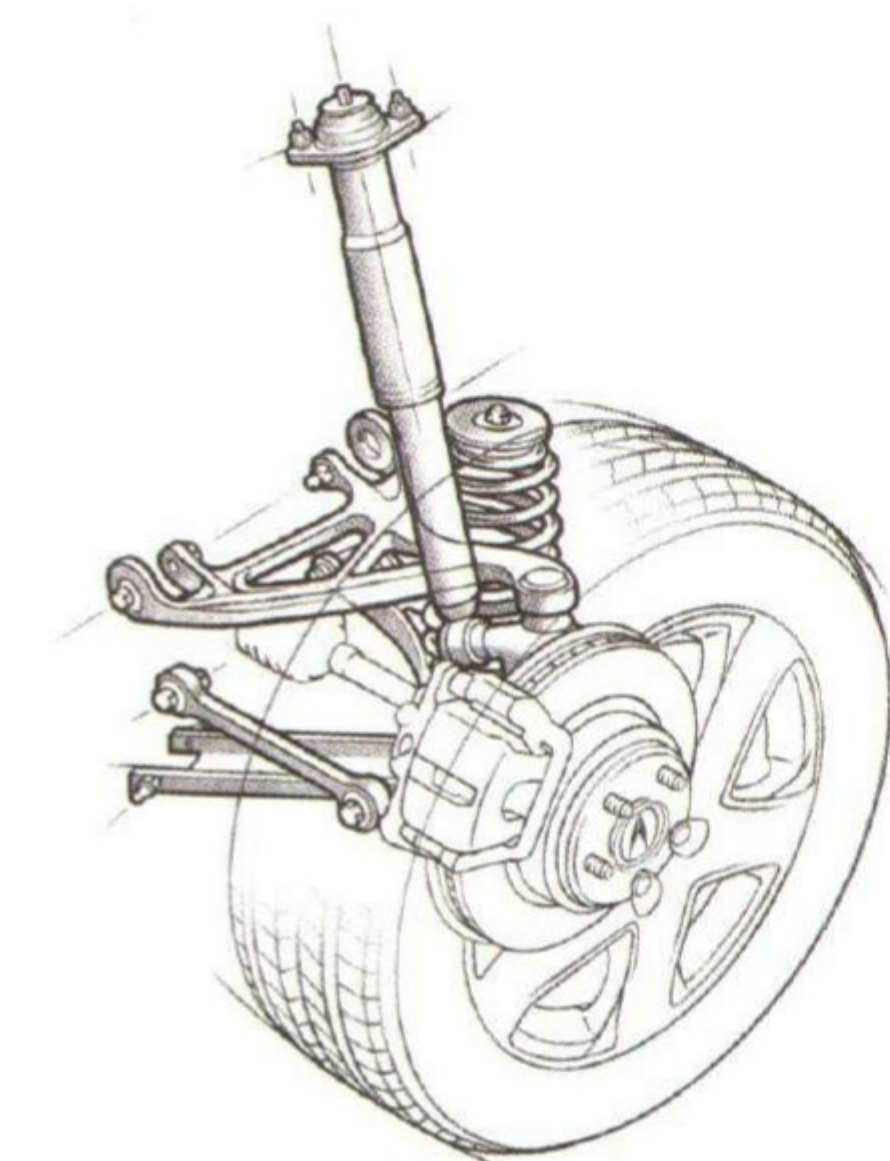


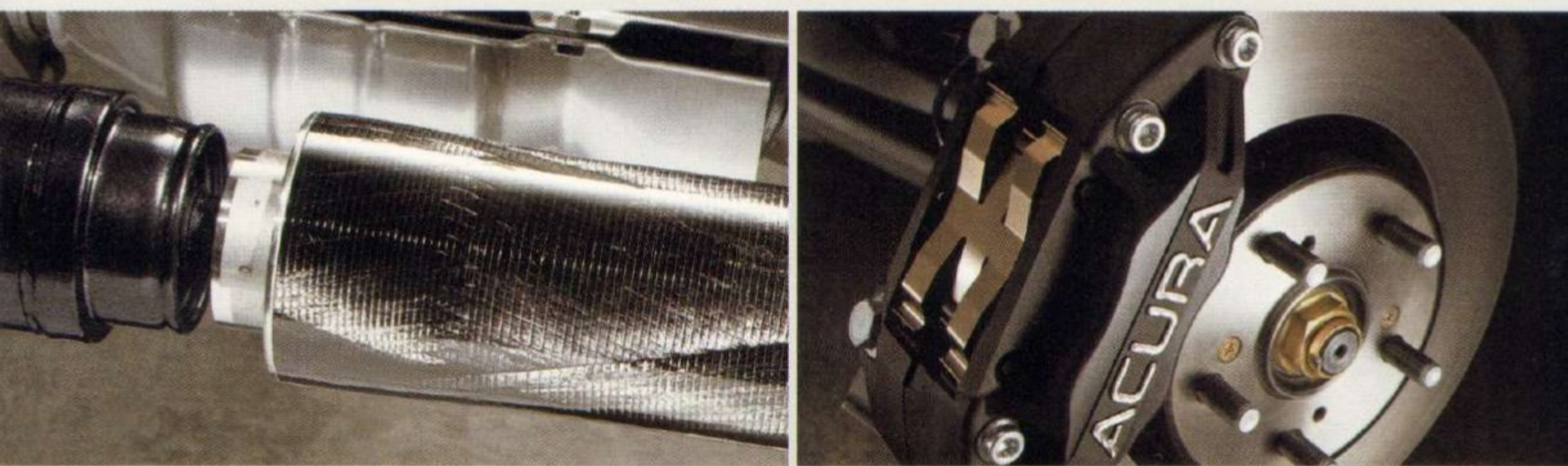
Double-Wishbone Front Suspension

The 2005 RL's suspension engineering is more than a match for the extraordinary dynamic capabilities of the drivetrain. The racing-inspired double-wishbone design up front helps to maximize the tire-to-pavement contact area. The RL's suspension geometry has been optimized for a distinctly linear feel during cornering, as well as to help minimize body roll. Almost all major suspension components are crafted of forged aluminum to help reduce unsprung weight and enable the wheels to respond quickly and accurately to driving conditions.

Multi-Link Rear Suspension

Like the front suspension, the rear is made largely of forged aluminum. And both ends are mounted to lightweight aluminum subframes that help isolate the cabin from road harshness and noise. The rear multi-link design provides all the high-performance benefits of the double-wishbone setup, including solid resistance to lateral forces, while its geometry helps deter rear-end lift during braking. And helping to control body movement in corners and on bumps are substantial stabilizer bars applied front and rear.



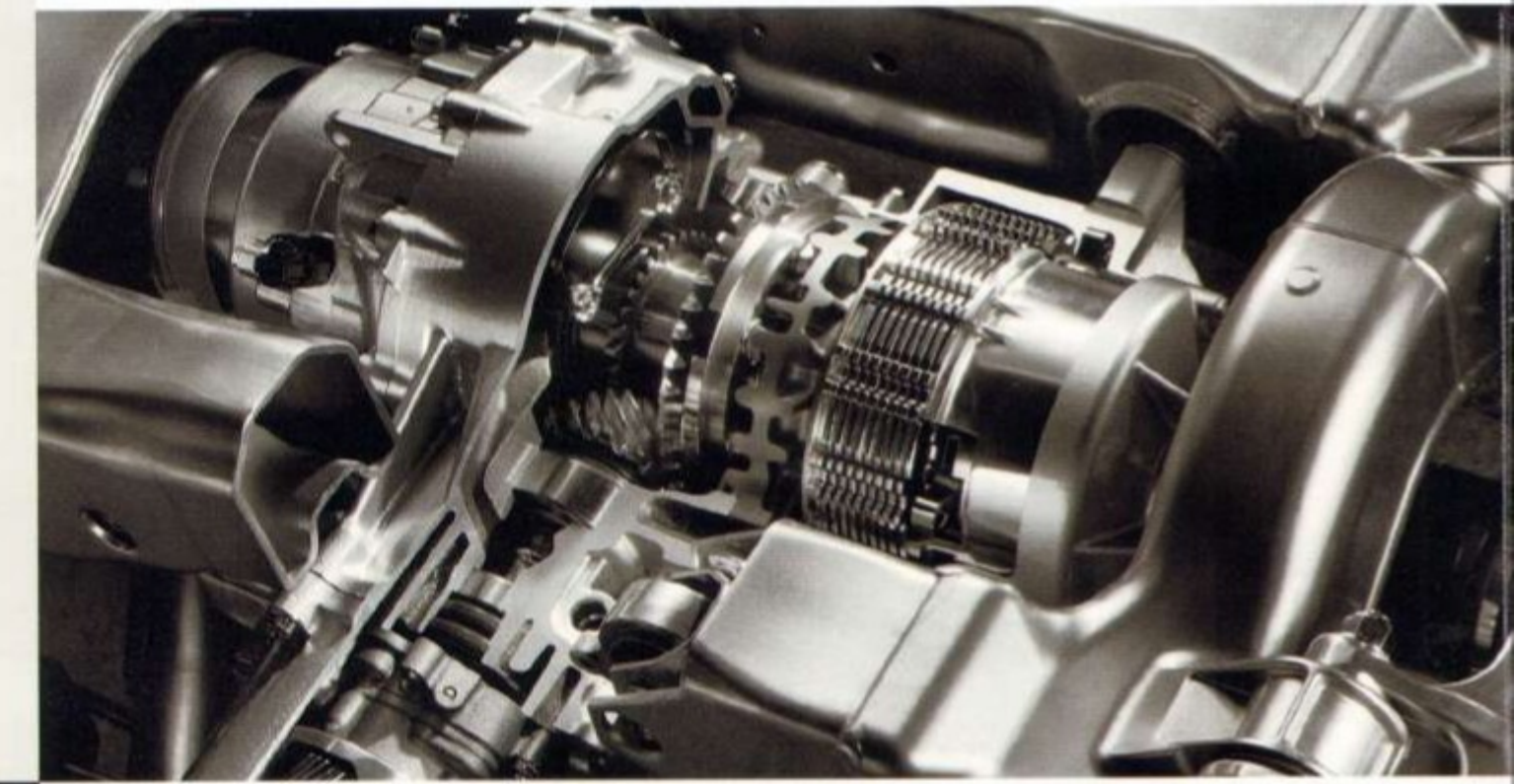


Carbon-Fiber-Reinforced Propeller Shaft

Dipping into the exotic-materials toolbox, the RL's engineers have developed a carbon-fiber-reinforced driveshaft. Designed to readily handle the abundant torque the RL engine produces, this propeller shaft provides immense strength. Its greatest advantage, however, is its light weight. The benefits of this include helping to keep the overall weight of the car to an agile minimum, as well as generating less vibration than a heavier rotating shaft would create.

4-Wheel Disc Brakes with 4-Piston Front Calipers

If you've never thought of braking in the same way as horsepower and handling when it comes to a car's performance, you will after you drive the RL. All four wheels have ventilated brake rotors—just like the ultra-performance Acura NSX sports car. Up front, 4-piston calipers provide exceptional stopping power. All around, special high-friction brake pads give you a distinctly sporty, linear feedback to enjoy. And the calipers on all four brakes are made of lightweight aluminum to further reduce unsprung weight.

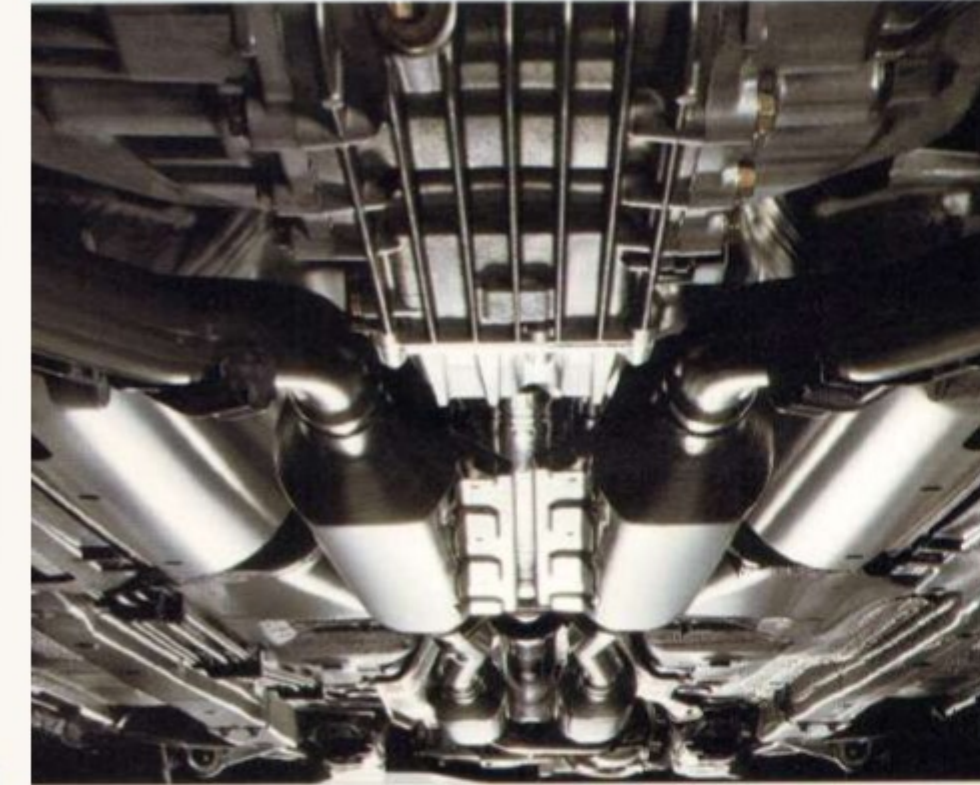


Electromagnetic Clutches

These patented devices—as much as anything else—are responsible for the remarkable capabilities of the SH-AWD system. They enable extremely precise variability in torque distribution to each rear wheel. Positioned on either side of the rear differential, each unit essentially consists of a multiplate clutch assembly and a solenoid. The amount of power transmitted to the wheel is dependent upon the pressure exerted on the clutch, which is in turn a product of how much electrical energy is directed to the solenoid by the system's computer brain. These highly evolved mechanisms respond instantly during spirited driving, varying the division of rear-directed torque from 0 to 100% to each back wheel in a fraction of a second. And it's completely automatic in operation and totally seamless to the driver during cornering.

2-Speed Planetary Gearset

In order to accelerate the outside rear wheel in a turn—thereby revolutionizing automobile cornering in the process—the SH-AWD engineers came up with a compact planetary gear assembly that fits neatly into the rear differential. During straight-line driving, torque received from the propeller shaft is directed straight through to the ring and pinion gears. When cornering, the system signals a hydraulic actuator to send torque through the planetary gears and accelerate the output to the rear gears by 5%. Then the electromagnetic clutches do their job, sending the torque to the outside wheel.



Strong, Lightweight Exotic Materials

Weight is the enemy of high performance. So the lighter a vehicle can be, the better it can accelerate, turn and stop. The RL uses various weight-saving measures. The suspension and both front and rear subframes are substantially rendered in lightweight aluminum. Even some body components—like the hood, front fenders, the trunk lid and its frame—are aluminum. Strong, light magnesium makes up the front seat frames and engine valve covers. And significant use of high-tensile steel in crucial areas throughout the body structure serves to enhance strength while minimizing overall mass.



Acura Navigation System with Voice Recognition

Your 2005 RL can guide you to virtually anywhere in the contiguous U.S. and Hawaii with this system.* You engage it with the easy-to-use multi-function interface dial, or touch the voice-activation button and just speak your commands. Between the audio, climate control and navigation functions, the RL can recognize over 550 spoken orders. A data-rich DVD contains detailed mapping information, plus 7,000,000 points of interest such as restaurants, gas stations and ATMs. If you're in an unfamiliar area, you'll appreciate having the Zagat Survey® restaurant ratings. Select a destination and the system directs you with a moving map display plus voice directions. To help ensure accuracy, the system employs Global Positioning System (GPS) satellites, an onboard inertial-guidance system and speed sensors. And now, supplied with traffic information from its new AcuraLink network, the system can even tip you about trouble ahead.



AcuraLink Real-Time Traffic

The all-new AcuraLink network provides the RL with an all-new capability you'll never want to drive without again. Now you can receive up-to-the-minute traffic information—flow rates, accidents, construction and even any pertinent weather issues—delivered right to your car. The system receives its data via the new XM NavTraffic™ service. Since it's integrated with the Acura Navigation System, the information shows up right on the system's guidance map display. So if you see problems on your intended route, you can get further information on what's happening up ahead, consider any alternative routes that take you around the slowdown, and arrive at your destination sooner. Like the other XM services on RL, the first 12 months are compliments of Acura.

AcuraLink Satellite Communication System

This proprietary data network helps keep you—and your RL—up to date with the latest car-related information. Data, including the traffic updates displayed by the navigation system, are delivered by satellite. It can refresh the information contained within the car's several onboard databases, such as the feature guide and diagnostic guide. If you've linked your cell phone to the HandsFreeLink interface, the system can dialog with the server at Acura headquarters to get the very latest diagnostic information for your vehicle. And this system is even programmed to provide handy tips as you're getting to know your new RL.

Alert-Message Clarification

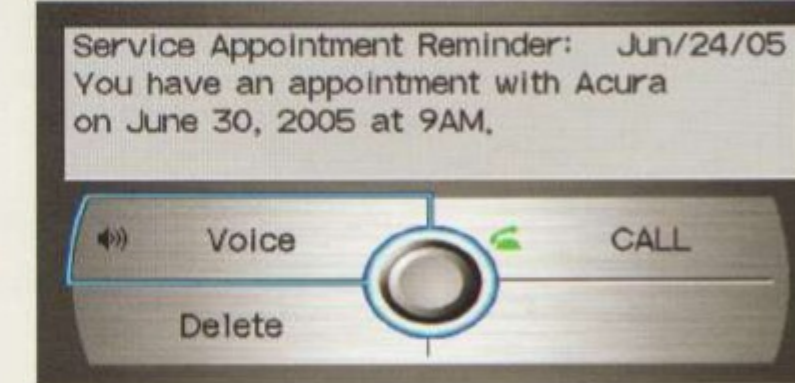
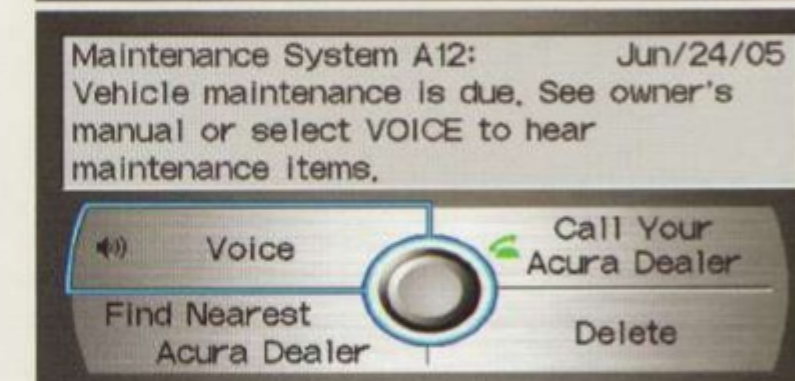
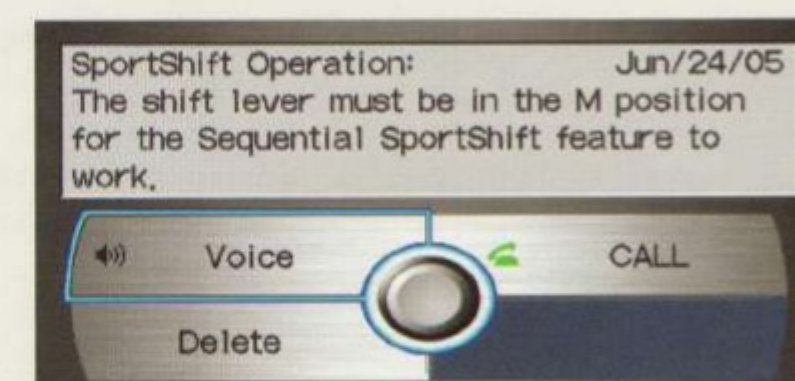
If you've ever had the "check engine" light come on in your car, you'll appreciate this feature. Do you just need to tighten the gas cap? Or should you go straight to the dealer? This function tells you what to do when various diagnostic codes are detected. It draws on information from the car's satellite-updated databases and, if your phone's linked, it can contact Acura for more details.

System Data Updates

The RL is equipped with a variety of helpful features and functions. It offers a detailed interactive feature guide that can supplement your operator's manual with how-to information. Its Maintenance Minder tells you of routine services that need to be performed. It even has a list of all Acura dealers in the U.S. The AcuraLink system enables the sum total of information and knowledge contained within your RL to grow and evolve. Data updates are automatically and seamlessly sent to the vehicle and incorporated to keep everything current.

Service Information and Appointment Reminders

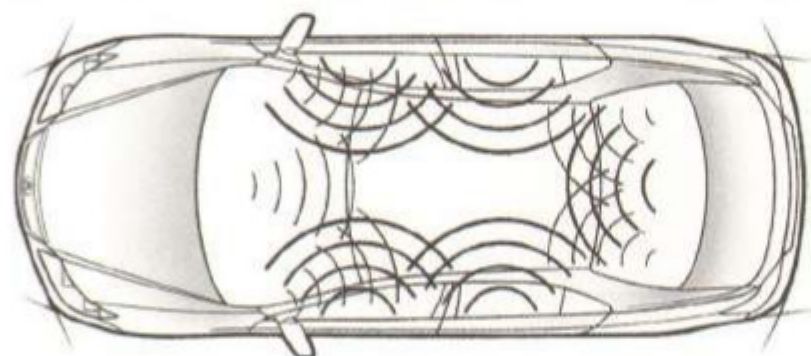
When you've made an online appointment for service at your local Acura dealer—even if it's just for an oil change—you'll receive a reminder of the date and time. In the unlikely event that your RL is affected by a service campaign or recall, you'll learn about it through the AcuraLink system. It will provide specifics of the problem and solution, and indicate whether it's urgent that you contact a dealer immediately. After all, a vehicle with this level of sophistication and technology should be able to help look after itself.





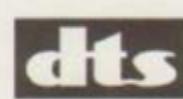
Acura/Bose Premium 10-Speaker Surround-Sound System

The 2005 RL represents the latest step in Acura's role as originator of true discrete multichannel surround sound as standard vehicle equipment. This all-new system takes maximum advantage of surround-sound technology, positioning 10 Bose speakers around the cabin. Supplying the power is a 260-watt, 8-channel digital amplifier. And although this sophisticated system can play a variety of formats, its full capabilities are employed with media using the 5.1 surround-sound protocol. So when you slip a DVD-Audio disc into the in-dash changer, prepare for a listening experience unlike any you've imagined. Containing many times the data of a CD, DVD-Audio delivers six distinct channels of sound with hundreds of times the audio resolution and dramatically increased dynamic range and frequency response. The power and clarity are amazing, for casual listener and audiophile alike. And with Bose Centerpoint® signal-processing circuitry, even stereo CDs can be enjoyed in surround sound. All told, this system is a perfect match for the RL's performance.



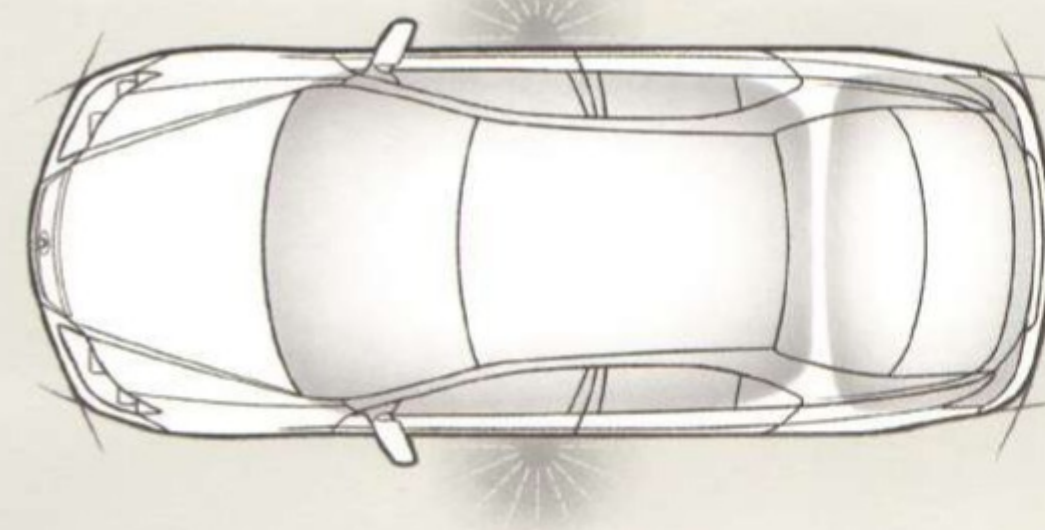
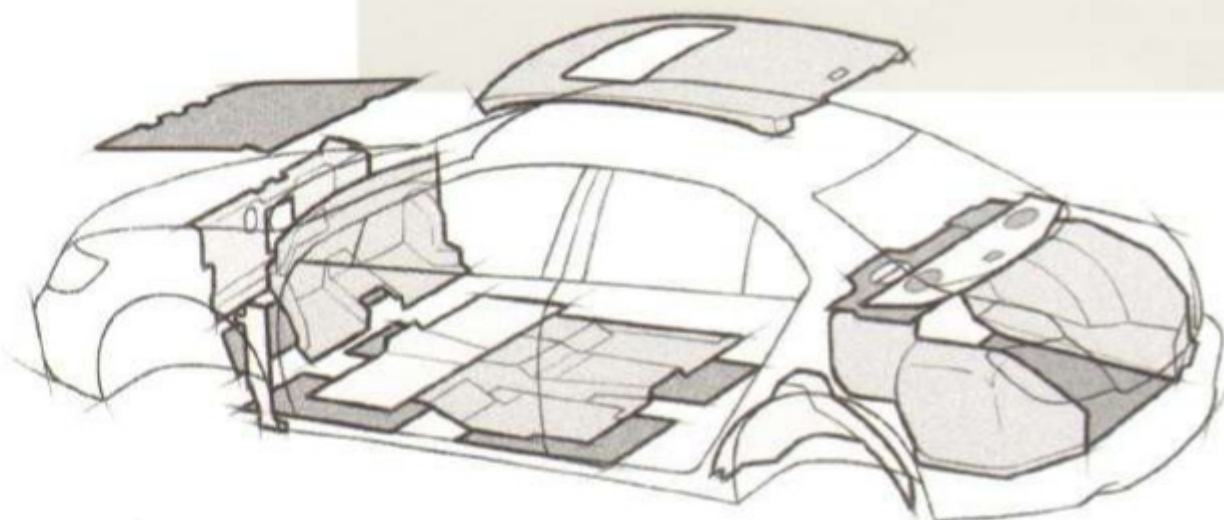
In-Dash CD/DVD-Audio 6-Disc Changer

Enjoy hours of high-quality audio entertainment with the RL's in-dash changer. It can work with a variety of formats, including DVD-Audio, DTS 5.1 Music Discs, CDs – even discs formatted for play on MP3-compatible systems. The changer lets you load any combination of these formats at the same time. And thanks to the voice-recognition system and steering wheel-mounted controls, operating the audio system is a remarkably easy proposition.



Active and Passive Noise Control

The RL deals with undesirable noise in advanced ways. It has an Active Noise Cancellation system that generates opposing sound frequencies from the speakers of the audio system to help cancel undesirable noise. Passive measures used include exceptionally lightweight yet highly effective noise-insulation materials in the dash, floor, roof, fenders, hood and elsewhere throughout the car.



XM Satellite Radio

In addition to AM and FM, this system features XM as well. So you have access to more than 120 channels of digital-quality sound. It's broadcast from a pair of satellites that cover the U.S. from coast to coast. You could cruise for days at a time and enjoy 100% commercial-free music channels, along with talk radio, news, sports and comedy. The first 12 months of XM service are compliments of Acura. Please see your dealer for complete details.



Keyless Access System

You can unlock your RL, start the engine, drive, stop and relock the car—all without ever touching a key. When you have the Keyless Access remote with you, its transponder signals the car when you're within 30 inches. It even knows to unlock the trunk. Each remote links to the driver recognition system that stores your preferences. The remote has an integrated mechanical backup key for when the transponder battery needs to be replaced. And with the valet feature, you can limit access to the trunk while allowing your car to be parked.

Enhanced Personalization Features

There's a variety of ways to make the new RL adapt to your preferences. After you've set your desired seat, steering-wheel and side-mirror positions, you can store them in the driver recognition system. It'll remember your favorite climate-control and audio settings as well. With the RL's programmable feature customization, you can specify whether the doors automatically lock and unlock, and when. You can set how long it takes for the headlights to turn off after leaving the car, as well as the interior-light dimming interval. When you approach the vehicle, you can even determine whether just the driver's door unlocks, or all four do. These things and more are easily adjusted by using the steering wheel-mounted controls and the multi-information display.

Power Rear and Rear Side Window Sunshades

To help keep your rear-seat passengers more comfortable and protect them from the rays of the sun, the new RL comes with standard sunshades. The rear shade is power-operated with a control in the driver's overhead console – just a touch will raise or lower the shade completely. The side window sunshades can be easily raised or lowered manually. All are constructed of a high-quality mesh designed to provide years of UV-fighting service.

Dual-Zone, Dual-Mode Automatic Climate Control

This system provides exceptional versatility for the driver and front passenger. Both can set their own desired temperature and their own preferred vent levels. In addition, this unique system even allows independent airflow volumes from the vents on each side. And using input from optical sensors as well as the onboard GPS system, the sun's position is determined and proactively taken into account to provide a more perfect environment.



Maintenance Minder System

Instead of using an inefficient, static table of time and mileage intervals for maintenance, the RL bases service needs on how the vehicle is driven—not just how long. It takes into account factors like weather extremes, stop-and-start traffic and frequent short trips in determining required service. This system groups anticipated services to help avoid multiple trips to your dealer's service department. And it covers such maintenance items as oil and filter changes, SH-AWD service, tire rotation, transmission fluid and air-filter replacement.

OnStar

This service offers a variety of benefits and plans to help keep you in touch with your world. An advanced telematics system, OnStar employs a new trimodal, digital/analog communications system as well as GPS positioning data to establish your vehicle's location. So it can provide assistance such as stolen-vehicle tracking, emergency roadside services and even automatic notification if an airbag deploys. Once the system is activated, you'll receive the first year's subscription to OnStar's Safe & Sound plan at no charge. See your dealer for details of all available plans.



HandsFreeLink Wireless Telephone Interface

After you've linked your compatible cell phone to this system, you can make and receive calls with your hands on the wheel and your eyes on the road. It uses the Bluetooth® hands-free profile wireless protocol to communicate with your phone, and it responds to voice activation. The person on the other end is heard through the RL's audio system. When calls come in, the caller's number is displayed. And you can transfer calls between the car and phone when entering or leaving the vehicle.



Illuminated Steering Wheel-Mounted Controls

You can adjust the audio system, set the cruise control, activate the voice-recognition function to make use of the standard navigation system and HandsFreeLink interface, and much more with these handy, easy-to-operate controls.

HomeLink®

To avoid cluttering the RL's interior with remote controls, you can put this built-in system to work. It lets you work up to three remote functions, like garage doors and security gates. Programming is easily accomplished using your existing controls.

Remote Retractable Rear-Seat Head Restraints

The RL provides rear-seat passengers with head restraints at all three seating positions. To facilitate the driver's view to the rear when no one's in the back seat, the rear head restraints can be lowered. To accomplish this, the driver simply pushes a button in the overhead console. The head restraints are easily returned to their upright position manually by rear-seat occupants.

8-Way Power Driver's Seat with Power-Adjustable Lumbar Support

The optimal position for driving—as well as for exceptional long-term comfort—can be achieved with power-assisted ease in the RL driver's seat. Its power lumbar adjustment provides support over a substantial vertical range. Both front seats feature 2-level heating, and the front passenger's seat comes standard with 4-way power adjustment and power-adjustable lumbar support as well.





Front, Side and Side Curtain Airbags

The 2005 Acura RL goes that extra mile to prepare you for the unexpected. Dual-stage, dual-threshold front airbags* are designed to deploy at two rates and thresholds, depending on impact severity and seat-belt use. The passenger's front side airbag has our Occupant Position Detection System (OPDS), engineered to prevent deployment if it senses a small-statured passenger is out of position and in the airbag's path. Helping to provide an added margin of protection is a side curtain airbag system. Upon sufficient impact, the curtain airbag on the affected side is designed to deploy over the side windows in both rows of seats. And all of these systems are intended to supplement the 3-point seat belts at every seat position. The front seat belts are equipped with automatic pretensioners designed to remove slack upon impact.

*Acura reminds you and your passengers to fasten your seat belts. Front airbags inflate and deflate in a fraction of a second.

Energy-Absorbing Front and Rear Crumple Zones

If an impact becomes unavoidable, the RL is designed to help soften the blow. Both front and rear body structures have been engineered to compact in a controlled manner to absorb crash energy and send it around the cabin. Arrayed against lateral intrusion are side-impact beams in the doors, crossmembers underneath the floor and liberal use of rigid, high-tensile steel in the side sills.

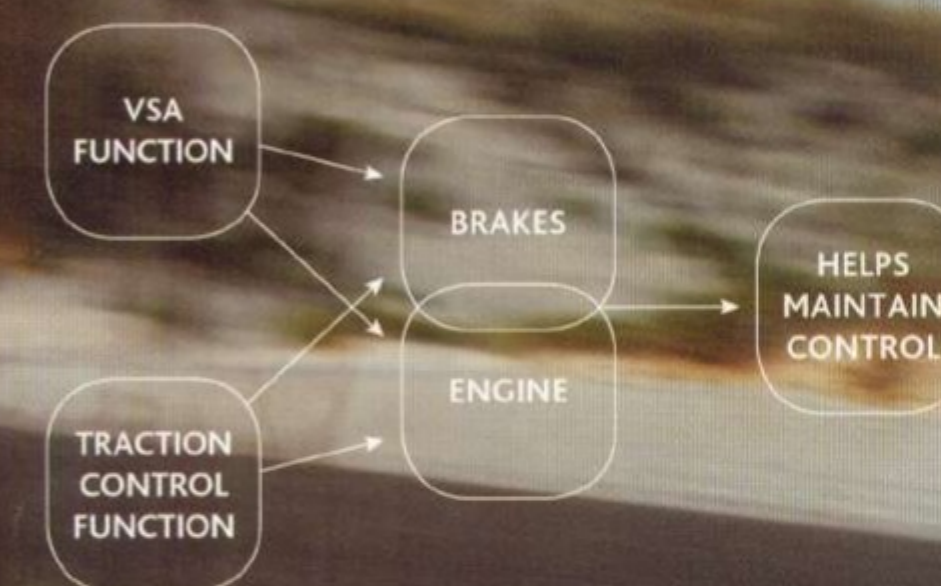


Advanced Compatibility Engineering (ACE)

This is the next big thing in safety design, and the 2005 RL is the first Acura to have it. It's a further evolution of our proprietary G-CON, or G-force control, technology. Developed in some of the most advanced research facilities in the world, ACE is an innovative new front-end frame structure designed to reduce the concentrated force of a frontal impact by dispersing and absorbing crash energy over a larger area. Occupant protection is enhanced by the structure's ability to better preserve the cabin space. Plus, ACE helps reduce the possibility for misalignment with the frame of the other vehicle, enhancing the RL's crash compatibility with larger and smaller vehicles. It's even designed to help lessen the impact for the other vehicle. As shown with differing colors in the above photo, varying grades of high-tensile steel have been used throughout the RL's meticulously engineered structure to enhance safety while weight is minimized.

Vehicle Stability Assist (VSA)

This amazing electronic marvel is designed to help you maintain control. Using various sensors, it can detect when the car begins to oversteer or understeer (skid or plow, in simpler terms). It can then brake individual wheels and/or reduce engine power to help bring the car back to the course you intend. It works so quickly and seamlessly, you may not even sense that a problem was at hand. VSA also performs the function of traction control, braking wheels that start to lose their grip when you're accelerating on low-friction road surfaces.



ABS, EBD and Brake Assist

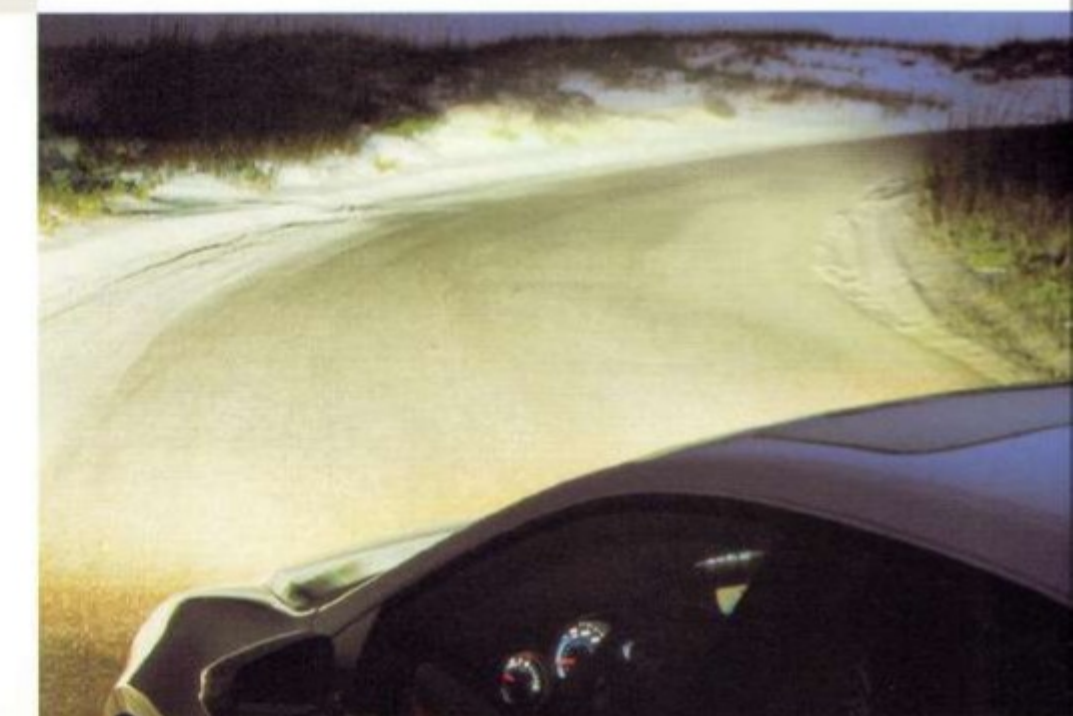
The RL's anti-lock braking system (ABS) is designed to help you retain steering control when braking hard on low-friction surfaces. It pulses the brake pressure to a wheel if it detects lockup. Electronic Brake Distribution (EBD) allocates braking power according to passenger and weight distribution. And Brake Assist senses a panic stop and applies all available boost to help stop quickly.

Tire Pressure Monitoring System (TPMS)

The amount of air pressure in each of the four tires is actively measured, and the precise measurement can be readily checked on the RL's multi-information display. In addition, if the air pressure drops to a critical level in any tire, an alert message is displayed to remind you to restore the pressure to the proper specification.

Active Front Lighting System (AFS)

This system is designed to help you see in the direction you're turning at night. Each headlight can swivel up to 20 degrees to illuminate the turn. The RL's High-Intensity Discharge (HID) bulbs help conquer the darkness with a longer and more focused beam than a halogen headlight. And for its taillights, brakelights, side marker lights and turn indicators in the side mirrors, the RL employs LEDs.



ENGINE

Engine Type	Aluminum-alloy V-6
Displacement (liters)	3.5
Horsepower @ rpm (SAE net)	300 @ 6200
Torque (lbs-ft @ rpm)	260 @ 5000
Valvetrain	24-valve, SOHC VTEC [®]
Compression Ratio (:1)	11.0
Redline (rpm)	6800
Fuel System	PGM-FI multi-point injection
Ignition System	Electronic direct
Throttle Control	Drive-by-Wire Throttle System™
CARB Emissions Rating	ULEV-2 ¹
Tune-Up Interval	105,000 miles ²

CHASSIS

Body Type	Unit body
Suspension	4-wheel independent double-wishbone/multi-link rear
Stabilizer Bar (front/rear)	29.0 mm/17.0 mm
Front Shock Tower Bar	32.0 x 22.0 mm (oval type)
Steering	Electronically controlled, speed-sensing, variable power-assist rack-and-pinion
Steering Ratio (:1)	16.2
Steering Turns, Lock to Lock	2.98
Turning Diameter, Curb to Curb	39.7 ft
Brakes:	4-Wheel Disc Brakes with ABS (front/rear), Electronic Brake Distribution (EBD) and Brake Assist
Wheels	17 x 8.0 aluminum-alloy
Tires	Michelin P245/50 R17 98V high-performance All-Season

GENERAL SPECIFICATIONS

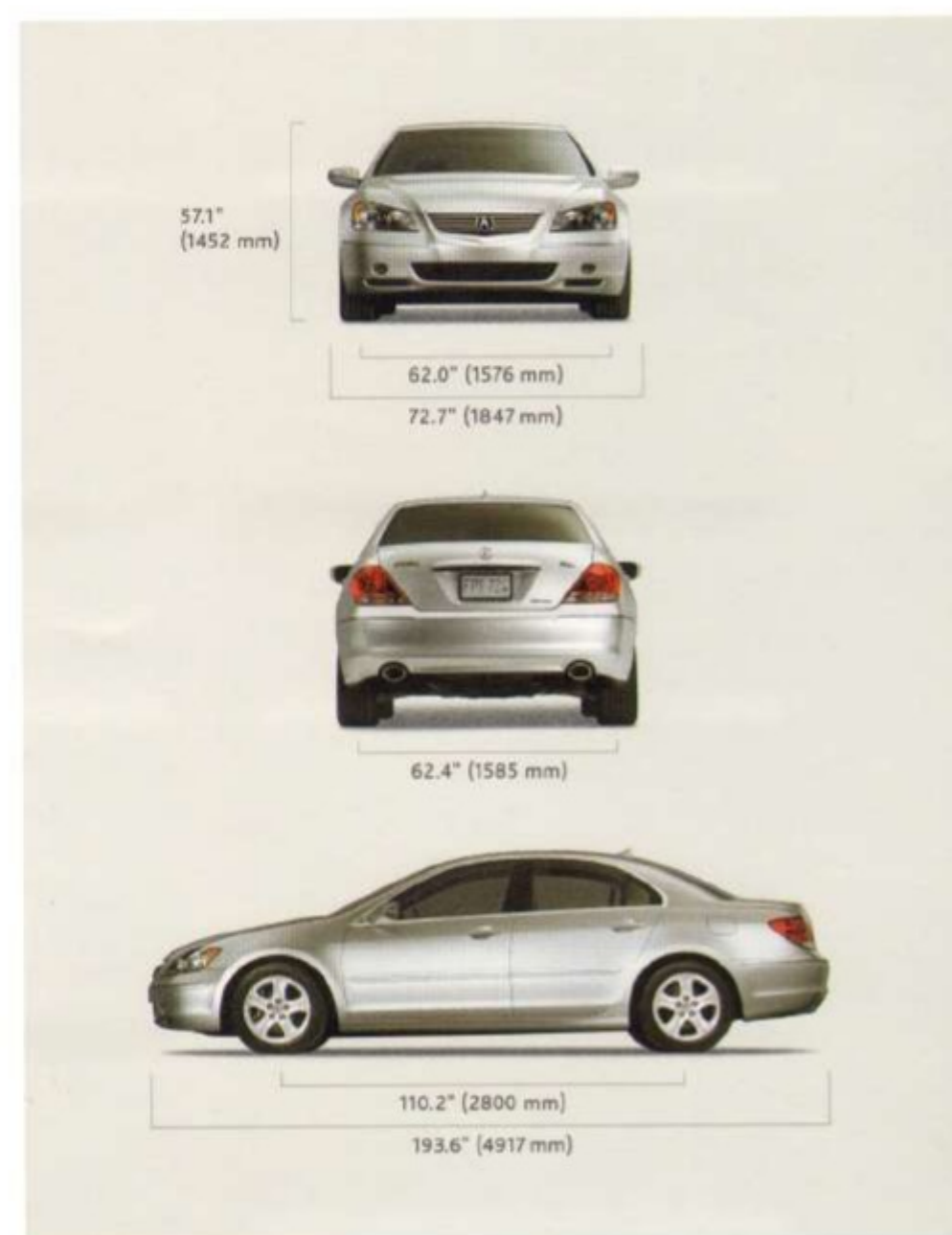
EPA Estimated Fuel Mileage ⁹ (city/highway)	18/26
Fuel Tank Capacity	19.4 U.S. gallons (73.3 liters)
Recommended Fuel	Premium unleaded 91 octane ¹⁰
Minimum Ground Clearance	4.3 in (110.0 mm)
Curb Weight	3984 lbs (1807 kg)
Weight Distribution (% front/rear)	58/42

INTERIOR DIMENSIONS

Headroom:	Front	38.5 in (977 mm)
	Rear	37.2 in (946 mm)
Legroom:	Front	42.4 in (1076 mm)
	Rear	36.3 in (923 mm)
Shoulder Room:	Front	58.5 in (1487 mm)
	Rear	56.1 in (1426 mm)
Hiproom:	Front	55.1 in (1400 mm)
	Rear	54.0 in (1372 mm)
EPA Passenger Volume		99.1 cu ft
EPA Cargo Volume		13.1 cu ft

DRIVETRAIN

Drive	Super Handling All-Wheel Drive™ (SH-AWD™)
Drive Shaft	Carbon-fiber-reinforced
Maximum Torque Distribution Range (front:rear)	70:30 to 30:70
Maximum Left/Right Distribution of Available Rear Wheel Torque (left:right)	100:0 to 0:100
5-Speed Automatic Transmission with Sequential SportShift Paddle Shifters and Grade Logic Control	
	Gear Ratio (:1)
	1ST 2.70
	2ND 1.57
	3RD 1.07
	4TH 0.69
	5TH 0.48
	REVERSE 1.89
SECONDARY REDUCTION	1.24
FINAL DRIVE	4.60



EXTERIOR FEATURES

- Power moonroof with tilt, auto-open/close, auto-reverse and key-off operation
- Heated outside mirrors with driver recognition, reverse gear tilt-down and integrated directional signals
- 17-inch aluminum-alloy wheels
- Auto-on/off headlights
- Driver's and front passenger's illuminated door handles
- Heat-rejecting green-tinted glass
- Galvanized body panels
- Speed-sensing, variable intermittent windshield wipers
- Integrated dual-outlet exhaust

COMFORT AND CONVENIENCE

- GPS-linked, solar-sensing, dual-zone, dual-mode automatic climate control system
- Rear-passenger ventilation controls
- Cruise control
- Power windows with auto-up/down, auto-reverse and key-off operation
- Remote- and driver's door lock-operated windows-open function
- Steering wheel-mounted controls (cruise control, audio, phone, voice recognition and multi-information display)
- Electronic tilt and telescoping steering column with driver recognition
- Power rear sunshade
- Rear side sunshades (manual)
- Curly maple wood-trimmed interior
- Overhead map lights (front and rear)
- Ambient cabin lighting (front and rear)
- Leather-wrapped steering wheel
- Leather-wrapped gearshift knob
- Beverage holders (front and rear)
- Front-door storage compartments
- Seatback pockets
- Aluminum threshold garnish
- Remote trunk release
- Driver's and front passenger's illuminated vanity mirrors
- 12-volt power outlets (front and center console)

SEATING AND INTERIOR

- Perforated leather-trimmed seats
- Driver's 8-way power seat with power-adjustable lumbar support
- Front passenger's 4-way power seat with power-adjustable lumbar support
- Heated front seats
- Front center console with dual-level storage compartments and coin holders
- Rear-seat center armrest with locking trunk pass-through

ADVANCED TECHNOLOGY

- Acura Navigation System with Voice Recognition™³
- Acura/Bose® 10-speaker Surround-Sound System with 6-disc CD, DVD-Audio, MP3 and DTS® changer and AM/FM tuner
- XM® Satellite Radio⁵

ADVANCED TECHNOLOGY (CONT'D)

- Integrated glass antenna
- Active Noise Cancellation (ANC)
- HandsFreeLink™ wireless telephone interface
- AcuraLink™ satellite communication system with real-time traffic⁴
- OnStar®⁶
- Maintenance Minder system
- HomeLink®
- Keyless Access System with driver recognition for driver's seat, steering wheel, outside mirrors, climate control and select audio and navigation settings
- Programmable feature customization

INSTRUMENTATION

- LED backlit gauges with progressive illumination
- Interface dial
- Multi-information display
- Auxiliary information display
- Trip computer
- Exterior temperature indicator
- Illuminated ignition, power-window and door-lock switches, steering wheel controls and overhead controls

SAFETY FEATURES

- Dual-stage, dual-threshold front airbags (SRS)
- Front side airbags with passenger-side Occupant Position Detection System (OPDS)
- Side curtain airbags
- 3-point height-adjustable seat belts with load limiters and pretensioners (front)
- 3-point seat belts (rear)
- 4-wheel anti-lock braking system (ABS) with Electronic Brake Distribution (EBD) and Brake Assist
- Vehicle Stability Assist (VSA®) with traction control
- Xenon High-Intensity Discharge (HID) headlights with Active Front Lighting System (AFS)
- Fog lights
- Daytime Running Lights (DRL)
- Tire Pressure Monitoring System (TPMS) with location and pressure indicators⁷
- LATCH (Lower Anchors and Tethers for Children) child-seat mounting system
- Advanced Compatibility Engineering™ (ACE™) body structure
- Impact-absorbing crumple zones (front and rear)
- Theft-deterrent system with electronic immobilizer
- Rear-window defroster with timer
- Side-impact door beams
- Emergency trunk opener
- LED mirror-integrated directional signals, taillights, brakelights, side marker lights and Center High Mount Stop Light
- Breakaway inside rearview mirror
- Automatic day/night rearview mirror
- Remote retractable rear-seat head restraints
- All-around visibility (279.8 degrees)

ACCESSORIES

When it comes to personalizing, choose genuine Acura accessories that are crafted to the same strict levels of quality as the rest of your RL. See your Acura dealer for a complete list of accessories.

- | | | |
|---------------------------------|-------------------------|-----------------------|
| - Deck lid spoiler | - Wheel locks | - Nose mask |
| - Under-body spoiler | - Backup sensors | - Wood gearshift knob |
| - 18-inch aluminum-alloy wheels | - Door visors | - Cargo net |
| - Wood-grained steering wheel | - All-season floor mats | - Gold emblems |
| - Trunk tray | - Moonroof visor | - Car cover |

© 2004 Acura Division of American Honda Motor Co., Inc. Acura, RL, NSX, Acura Care, AcuraLink, Acura Navigation System with Voice Recognition, Advanced Compatibility Engineering (ACE), Drive-by-Wire Throttle System, G-CON, HandsFreeLink, Super Handling All-Wheel Drive (SH-AWD), Total Luxury Care (TLC), VSA and VTEC are trademarks of Honda Motor Co., Ltd. Covered by patent rights issued and/or pending. Acura reserves the right to limit TLC services or reimbursements to any owner or driver when, in the judgment of Acura, the claims become excessive in frequency or type of occurrence. Acura also reserves the right to alter or withdraw the Acura Roadside Assistance Program, or any other part of the Acura TLC Program, at any time without notice. Specifications, features, illustrations and equipment shown in this catalog are based upon the latest available information at the time of publication. Although descriptions are believed to be correct, accuracy cannot be guaranteed. All images contained herein are either owned by American Honda Motor Co., Inc., or used under a valid license. It is a violation of federal law to reproduce these images without express written permission from American Honda Motor Co., Inc., or the individual copyright owner of such images. American Honda Motor Co., Inc., reserves the right to make changes at any time, without notice or obligation, in colors, specifications, accessories, materials and models. Some vehicles are shown with optional equipment. DTS® is a registered trademark of Digital Theater Systems, Inc. HomeLink® is a registered trademark of Johnson Controls.™ OnStar® is a registered trademark of OnStar Corporation. XM® and XM NavTraffic™ are trademarks of XM Satellite Radio Inc. Make an intelligent decision. Fasten your seat belt. ¹As rated by the California Air Resources Board. ²Does not apply to fluid and filter changes or periodic inspections. Please refer to the maintenance section of your owner's manual to determine all appropriate maintenance intervals. ³Navigation system available only in the 48 contiguous United States and Hawaii. ⁴Real-time traffic requires monthly premium XM NavTraffic subscription. ⁵Premium channels and services available at additional monthly cost. Additional fees and taxes may apply. Reception of the XM signal may vary depending on location. XM NavTraffic only available in select markets. Some traffic and weather channels may not be available until later in 2004. All fees and programming subject to change. Subscriptions subject to terms and conditions available at www.xmradio.com. Available only in the 48 contiguous United States. ⁶OnStar services require vehicle electrical system and wireless service to be available and operating. Call 1-888-ONSTAR, or visit onstar.com for system details. ⁷For optimal tire wear and performance, tire pressure should be checked regularly. Do not rely solely on the monitor system. See your owner's manual for details. ⁸See your local Acura dealer or the vehicle's navigation system owner's manual for current navigation system area coverage. ⁹Use for comparison purposes only. Your mileage may vary. ¹⁰Gasoline with an octane number lower than 91 may be used, with reduced performance. ¹¹Ordinary maintenance items or adjustments, parts subject to normal wear and replacement, and certain other items are excluded. See your Acura dealer for the terms and conditions of limited warranties. ¹²Honda Financial Services is a DBA of American Honda Finance Corporation. ¹³See your local dealer for details about Total Luxury Care (TLC) Roadside Assistance and Concierge Service.



acura.com

Visit the official Acura Web site for the latest specifications, MSRPs, photographs, special offers and more. You can "design" your own Acura and personalize it with genuine accessories. You can also apply for financing, check on specific dealer inventories and even request a price quote from an Internet-certified Acura dealer.



Acura RL shown in Redondo Red Pearl.

Warranty All Acura vehicles and the accessories installed by the dealer at the time of vehicle purchase have a 4-year/50,000-mile limited warranty. Outer body rust-through is covered by a 5-year/unlimited-mile limited warranty.¹¹

Acura-Trained Service Personnel Your local Acura dealer is the only source for genuine Acura parts and factory-trained technicians. They have the experience, training and specialized tools needed to keep your Acura up to factory standards of performance and reliability.

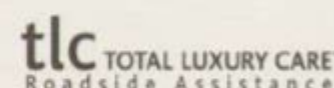
Acura Care Additional peace of mind can be had with the Acura Care[®] program – comprehensive vehicle and travel protection beyond the initial warranty period. See your Acura dealer for all the features and benefits available with this program.



1-800-to-Acura For information on all Acura automobiles, please don't hesitate to call us at 1-800-to-Acura. An operator is there to assist you 24 hours a day, every day of the week.

Honda Financial Services[™] Whether you're buying or leasing, Honda Financial Services can assist you with the process. See your dealer for details.

Total Luxury Care[™] – Owner Benefits Acura's total



commitment to your satisfaction doesn't end with delivery of a world-class vehicle. It only begins there. On top of the 4-year/50,000-mile limited warranty, every Acura comes with Total Luxury Care[™] (TLC[™]), an array of services designed to help you enjoy your automobile for years to come.

24-Hour Roadside Assistance As part of your TLC benefits, 24-hour roadside assistance is available to you everywhere in the continental U.S. and Canada, day or night, every day of the year. Just call the toll-free number and rest assured that assistance is promptly on the way.

Trip-Interruption Benefits If a problem that is covered by your warranty interrupts your trip more than 100 miles from home, Acura will provide you with reimbursement for meals, lodging or car-rental expenses – up to \$300 per day for up to three days.

Acura Concierge – Travel Service In an emergency or just to help you plan a trip, Acura Concierge service can help you with many logistical details. It will even relay up to three urgent messages on your behalf if you cannot do so.

EXTERIOR COLORS

Premium White Pearl



Parchment or Ebony

Carbon Gray Pearl



Taupe or Ebony

Celestial Silver Metallic



Taupe or Ebony

Lakeshore Silver Metallic



Taupe or Ebony

Nighthawk Black Pearl



Parchment or Ebony

Meteor Silver Metallic



Taupe or Ebony

Opulent Blue Pearl



Taupe or Ebony

Redondo Red Pearl



Parchment or Ebony

Desert Mist Metallic



Parchment or Ebony

INTERIOR COLORS



Ebony Leather



Taupe Leather



Parchment Leather

It reflects beautifully on you. The 2005 Acura RL benefits from a unique, labor-intensive new paint process that gives it an exceptionally smooth, lustrous and tough exterior. After a thick coat of primer is applied to the corrosion-resistant sheet metal, a team of up to 14 technicians begins the painstaking process of wet-sanding every square inch of the body by hand. The extraordinarily even surface that results provides the basis for one of the nine handsome hues shown here. Then, instead of the conventional single top-coat layer, two applications of clear coat are carefully laid on. The end product of this attention to detail is a stunningly deep, mirrorlike finish so durable, you'll enjoy it for years to come.



acura.com

Printed in the U.S.A. 375M B/04 E45004