



2005  
Acura NSX



A singular supercar, the Acura NSX defies exotic convention. Its astonishing performance and sculpted beauty assure its place among the world's great cars. Then its genuine civility and welcoming comforts lift this handcrafted, mid-engined masterwork to a new level—as a race-bred sports machine you can drive every day.

High-voltage exhilaration jolts your being the first time you realize the full capabilities of the NSX. Its formula of blazing power, light weight and brilliant balance translates to a high G-force experience in every corner and straightaway.



#### PERFORMANCE AND HANDLING

3.2-Liter, 24-Valve, DOHC V-6 Engine with 6-Speed Manual Transmission<sup>1</sup>

Variable Valve Timing and Lift Electronic Control (VTEC)<sup>1</sup>

Titanium Connecting Rods

Variable Volume Induction System

Low-Emission Vehicle (LEV)<sup>2</sup>

Traction Control System (TCS)

Advanced 4-Wheel Independent Aluminum Double-Wishbone Suspension

Electric, Variable Power-Assist Rack-and-Pinion Steering

4-Wheel Ventilated Disc Brakes with ABS

Unidirectional Performance Tires

17-Inch Forged Alloy Wheels

All-Aluminum-Alloy Unit Body

The Acura NSX<sup>®</sup> even makes a distinctive blur thanks to the timeless beauty of its sultry shape. Shown here in Silverstone Metallic.

HANDCRAFTED FOR SERIOUS FUN.

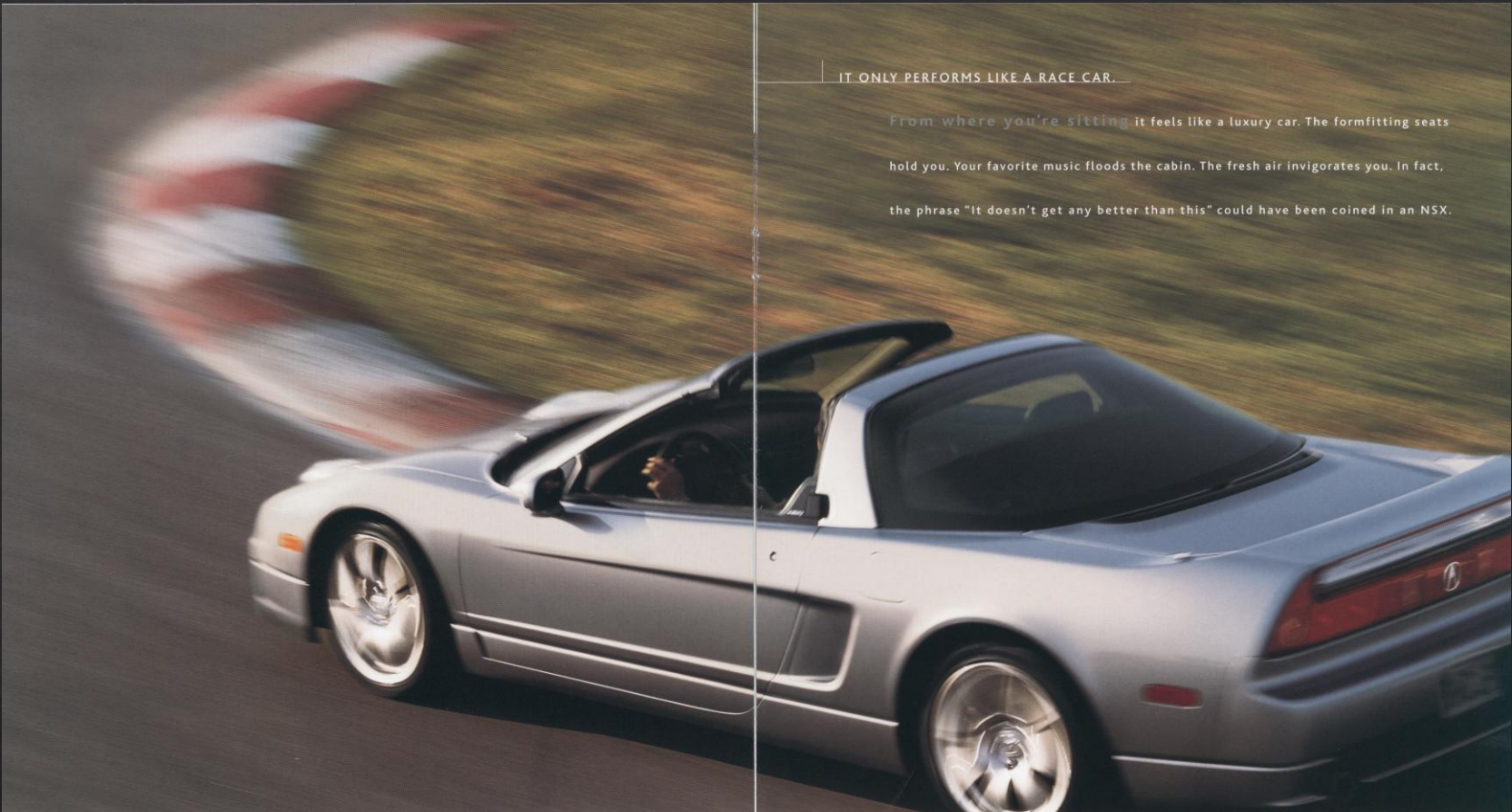
An aura of purpose pervades the NSX cabin. There's a distinct, businesslike sense to the arrangement of the controls. Their operation is crisp, precise and without a hint of undue motion. In here, becoming one with the car has never been more immediate.



INTERIOR

- Sport Seats with Perforated Leather-Trimmed Interior
- Tilt/Telescoping Steering Column
- Power Windows with Key-Off Feature
- Power Door Locks
- Rear-Window Defroster and Side-Window Defoggers
- Steering Wheel-Mounted Cruise Control
- Remote Entry System
- Dual Beverage Holders

The sport seats wrap their bolsters around you for enhanced control during spirited cornering. Acura NSX interior shown with Onyx Leather.



IT ONLY PERFORMS LIKE A RACE CAR.

From where you're sitting it feels like a luxury car. The formfitting seats hold you. Your favorite music floods the cabin. The fresh air invigorates you. In fact, the phrase "It doesn't get any better than this" could have been coined in an NSX.

AMENITIES

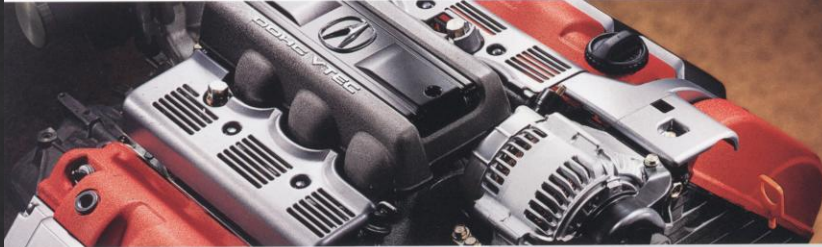
Handcrafted Quality	6-Disc CD Changer
Automatic Climate Control System	Theft-Deterrent System with Electronic Immobilizer
4-Way Power Seat Adjustment	Onboard Roof Panel Storage
Sport-Oriented Instrumentation	Available Body-Color-Matched Interior Trim
Acura/Bose® Sound System	

The removable top of the Acura NSX has its own onboard storage space. So you're ready for any weather. Shown here in Silverstone Metallic.



TECHNOLOGY + DESIGN

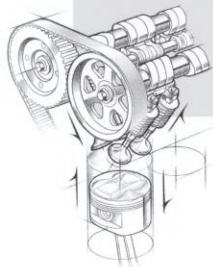
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### 3.2-Liter, 24-Valve, DOHC V-6 Engine\*

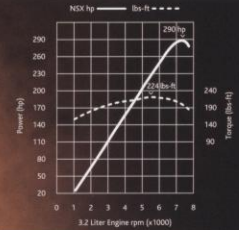
While some high-performance exotics are equally high-strung, the NSX can be an easily manageable, user-friendly daily driver. And a big reason for that is its remarkably well-engineered powerplant. Various advanced technologies help create torque at all rpms, including our VTEC system and the Variable Volume Induction System. The cylinder heads and engine block are made of lightweight aluminum alloy, and the 3.2-liter block features fiber-reinforced-metal cylinder bores instead of iron liners to further reduce weight. Responsiveness is enhanced by the Drive-by-Wire Throttle System™ as well as the extremely lightweight reciprocating mass of titanium connecting rods. The exhaust system uses stainless-steel headers instead of cast-iron manifolds. The forged crankshaft is made of high-strength steel to cope with the high output. Every NSX engine is hand-assembled by a master technician to the strictest tolerances. And this meticulously built machine has been designed to go 105,000 miles before its first scheduled tune-up.<sup>3</sup>

\*6-speed manual.



**6-Speed Manual Transmission** This close-ratio gearbox delivers crisp, clean shifts thanks to the exceptional precision of its short-throw shifter. The multiplicity of gear ratios allows you to keep the engine speed right where you want it under any road condition. And the NSX transmission's torque-reactive limited-slip differential helps to minimize inner-wheel slip in the corners, further enhancing steering accuracy and driver control.

**Variable Valve Timing and Lift Electronic Control (VTEC)** Instead of the peaky, narrow power band inherent in conventional valvetrain design, this system helps provide responsiveness throughout the rpm range. It has two different cam profiles on both the intake and exhaust camshafts. Each profile is tailored for optimum power within a specific engine-speed range, and an electronically controlled hydraulic system switches between the two. The bottom line is excellent low-rpm torque combined with breathtaking high-speed horsepower—and instant acceleration everywhere.



**Variable Volume Induction System** Using valves placed between two chambers of the induction system's plenum, the volume of the manifold can be changed depending upon engine speed. At low rpms, the valves are closed to enhance cylinder filling by taking advantage of sonic resonance, or energy-wave activity, in the chamber. At higher speeds, the valves open to cancel the resonance effect and encourage high-inertia cylinder filling. Greater efficiency and power output result.

**4-Wheel Ventilated Disc Brakes** To match the motive force of its engine, the NSX is equipped with substantial stopping power. Large-diameter rotors—measuring 11.7 inches up front and 11.9 inches in the rear—are ventilated to help prevent fade and assure strong, predictable performance.

**Traction Control System (TCS)** This feature is designed to enhance control and help minimize wheel spin. Sensors monitor various conditions, like vehicle speed, steering angles and G-forces. If a drive wheel begins to spin, the system can immediately reduce engine power to help stop the wheel spin and regain traction. TCS operates at all speeds to ensure optimum traction when accelerating and cornering. It can be especially helpful on wet or slippery surfaces.

### Horsepower and Torque

Sure, that 290-horsepower peak at 7100 rpm\* just about guarantees you some eye-widening exhilaration. Don't forget to take a close look at that flat torque curve, though. Torque is the prime mover, the force that plants you into your seat when you want response in the lower and middle ranges. And the NSX makes big torque early, and keeps pumping it out almost up to its 8000-rpm redline. Plus, true to Acura's environmental commitment, the NSX is certified as a Low-Emission Vehicle.

\*6-speed manual.



**Advanced 4-Wheel Independent Double-Wishbone Suspension** To help keep the unsprung weight low and the responsiveness high, many NSX suspension components are forged of aluminum alloy. The suspension geometry, derived from F1 racing, teams up with a special compliance pivot to help optimize cornering performance. And the nitrogen-filled, progressive-valve shocks and hefty stabilizer bars contribute to an exceptional .90g on the skidpad.

**All-Aluminum-Alloy Unit Body** The extremely strong yet lightweight body of the NSX comprises a variety of alloys specifically blended to suit their usage. The structure is largely hand-welded by top craftsmen to create a shape that offers a mere .30 coefficient of drag and impressive high-speed stability.

**Unidirectional Performance Tires and 17-Inch Forged Alloy Wheels** A pair of P255/40 R17 tires delivers prodigious NSX power to the pavement, while the fronts are sized at P215/40 R17 to enhance steering precision. All four sport a unidirectional tread design for optimized traction and handling characteristics.





#### Handcrafted Quality

Unlike most cars manufactured throughout the world today, the NSX never comes in contact with an automated assembly line. Rather, each car is mounted to an individual dolly and hand-pushed between stations manned by technicians chosen especially for their skill and attention to detail. The aluminum-alloy body is fitted together and welded almost entirely by hand. For the cabin, the handsome leather—perforated to enhance ventilation and comfort—is hand-stitched as well as hand-fitted to the seats, door inserts, steering wheel and gearshift. And to help assure quality, no car moves ahead to the next assembly station until every member of the team is satisfied that all quality controls have been successfully met.



**Acura/Bose Sound System** Early in the NSX's development, engineers from Bose mapped the acoustics of the interior to account for the unique variations in contours and textures. They worked with Acura to create the perfect audio complement to the car's remarkable performance. The result is a 165-watt, 4-speaker audio system with an MP3-compatible 6-disc CD changer that delivers exceptional presence, sound imaging and spatial dynamics.

**Theft-Deterrent System with Electronic Immobilizer** If unauthorized entry is attempted, this system disables the ignition, honks the horn and triggers the flashers. The system arms itself after the doors are locked, and disarms when they're unlocked. And it even works with the roof panel removed.

**Automatic Climate Control System** Designed specifically for the NSX, this system will automatically maintain the temperature you desire. Or you can override the system and operate the climate controls manually. And the NSX windows feature UV-absorbing glass to help minimize heat buildup inside.

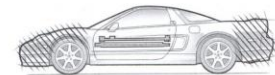
**Onboard Roof Panel Storage** All it takes to remove the lightweight aluminum NSX roof panel is you. Simply turn a lever on each side of the top, lift it off and place it in its own storage space beneath the engine cover glass. Then it can travel with you, locked and secure, in case the weather takes an adverse turn. And the dedicated storage area means you keep all of your cargo room.

**Sport-Oriented Instrumentation** To communicate information quickly and accurately, the best plan is to keep it simple. So the NSX cockpit offers clear, large, easy-to-read instrumentation. These classically styled analog gauges—with speedometer and tachometer predominant—sport bold white numerals juxtaposed with a dark-blue background for excellent day or night readability.

**High-Intensity Discharge (HID) Projector-Beam Headlights** Handsome, powerful High-Intensity Discharge (HID) headlights give you a better look in both senses of the word. The xenon-filled bulbs emit a brilliantly pure light that teams with the lensing and reflectors for a longer, more focused beam and enhanced visibility. And the high-tech, edgy style is certainly pleasing to the eye, too.



**Front and Rear Crumple Zones and Side-Impact Door Beams** Our engineers designed the NSX chassis for exceptional strength and structural rigidity. They also created crumple zones that are designed to deform progressively upon impact, distributing crash energy across massive lateral bulkheads and around the sturdy inner passenger cabin. More passenger protection is offered by beefy side-impact door beams mounted within each door. The beams join with robust side-sill extrusions to help resist cabin intrusion in the event of a lateral impact. All of the NSX body reinforcements are made with special aluminum alloy that's lighter than steel but engineered to provide the same level of strength and protection.



#### Front Airbags (SRS)\* and Automatic Seat-Belt Pretensioners

The NSX driver and passenger will both appreciate the added peace of mind granted by the front airbag supplemental restraint system. In the event of a moderate-to-severe frontal impact, both airbags will deploy and inflate in a fraction of a second. After inflation, the airbags immediately begin to deflate, providing the occupants with controlled deceleration and the absorption of impact energy. The airbags are designed to supplement the 3-point seat belts. These belts feature a pretensioner system that's also triggered by the airbag sensors. It removes seat-belt slack to hold occupants securely in an impact.

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

**4-Channel Anti-Lock Braking System (ABS)** Most cars equipped with ABS use a 3-channel system in which the rear brakes share a single channel. But the NSX engineers are no more inclined to compromise here than anywhere else. So this car has a true 4-channel design. Sensors at all four wheels individually measure wheel-rotation speed. If one or more wheels begins to lock during braking, the system automatically modulates the brake-line pressure to the affected wheels to prevent lockup and help maintain vehicle steering control.

ENGINE		
	Engine Type	Mid-engine aluminum-alloy V-6
Displacement (liters):	Manual	3.2
	Automatic	3.0
Bore and Stroke:	Manual	3.66 in x 3.07 in
	Automatic	3.54 in x 3.07 in
Horsepower @ rpm (SAE net):	Manual	290 @ 7100
	Automatic	252 @ 6600
Torque (lbs-ft @ rpm):	Manual	224 @ 5500
	Automatic	210 @ 5300
	Valvetrain	24-valve, DOHC VTEC®
	Compression Ratio (-1)	10.2
Redline (rpm):	Manual	8000
	Automatic	7500
	Fuel System	PGM-FI multi-point injection with Variable Volume Induction System
	Ignition System	Electronic direct
	Throttle Control	Drive-by-Wire Throttle System™
	CARB Emissions Rating	LEV <sup>1</sup>

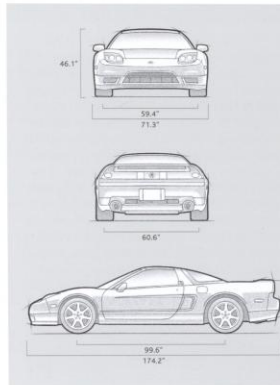
CHASSIS		
	Body Type	All-aluminum unit body
	Suspension	4-wheel independent aluminum double-wishbone
Stabilizer Bar:	Front	18.3 mm tubular
	Rear	19.1 mm tubular
	Strut Tower Bar	Mild steel, tubular design
	Steering	Electric, variable power-assist rack-and-pinion
	Steering Ratio (-1)	18.6
Steering Turns, Lock to Lock:	Manual	3.24
	Automatic	3.07
	Turning Diameter, Curb to Curb	38.1 ft
Brakes: Power-Assisted 4-Wheel Disc with ABS	Front	11.7" ventilated
	Rear	11.9" ventilated
Wheels:	Front	17 x 7.0 aluminum-alloy
	Rear	17 x 9.0 aluminum-alloy
High-Performance Tires:	Front	P215/40 R17 83Y
	Rear	P255/40 R17 94Y

GENERAL SPECIFICATIONS		
EPA Estimated Fuel Mileage <sup>4</sup> (city/highway):	Manual	17/24
	Automatic	17/24
	Fuel Tank Capacity	18.5 U.S. gallons (70 liters)
	Recommended Fuel	Premium unleaded 91 octane <sup>5</sup>
	Minimum Ground Clearance	5.1 in (130 mm)
Curb Weight:	Manual	3153 lbs (1430 kg)
	Automatic	3197 lbs (1450 kg)
	Weight Distribution (% front/rear)	41/59
	Coefficient of Drag (Cd)	.30
	Coefficient of Lift (Cl) (front/rear)	.073/.025

INTERIOR DIMENSIONS		
	Headroom	36.3 in (922 mm)
	Legroom	44.3 in (1125 mm)
	Shoulder Room	52.5 in (1334 mm)
	Hiproom	53.8 in (1367 mm)
	EPA Passenger Volume	48.9 cu ft
	EPA Cargo Volume	5.0 cu ft

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TRANSMISSION		
	Type	Rear-wheel drive
	Close-Ratio 6-Speed Manual with Torque-Reactive Limited-Slip Differential	
		Gear Ratio (-1)
		1ST 3.07
		2ND 1.96
		3RD 1.43
		4TH 1.13
		5TH 0.91
		6TH 0.72
	REVERSE	3.19
	FINAL DRIVE	4.06
	4-Speed Automatic with Sequential SportShift	
		Gear Ratio (-1)
		1ST 2.61
		2ND 1.55
		3RD 1.03
		4TH 0.68
	REVERSE	1.91
	FINAL DRIVE	4.43



## EXTERIOR FEATURES

- Body-colored removable roof panel with onboard storage
- Body-integrated rear spoiler and air foil
- Power-operated, body-colored outside mirrors
- 17-inch machine-finished forged aluminum-alloy wheels
- High-performance unidirectional tires
- Gold-toned front and rear brake calipers with NSX logo
- Side air intakes with mesh grille
- Heat-rejecting green-tinted glass
- Body-colored front and rear bumpers
- Variable intermittent windshield wipers
- Power FM diversity antenna
- Dual-outlet exhaust
- 4-coat, 4-bake paint process

## COMFORT AND CONVENIENCE

- Automatic climate control system
- Cruise control
- Power windows with key-off feature
- Remote entry system
- Power door locks
- Tilt and telescoping steering column
- Driver's and passenger's door threshold trim with vehicle's production number
- Door-mounted courtesy lights
- Leather-wrapped steering wheel, gearshift knob and parking brake
- Beverage holders
- Carpeted floor mats
- Remote trunk, hatch and fuel-filler-door releases
- Locking glove compartment with light
- Digital clock
- Full cargo-area carpeting
- Cargo-area light

## SEATING AND INTERIOR

- Deeply bolstered sport seats with perforated leather-trimmed interior (body-color-matched interior leather available)
- Driver's and passenger's 4-way power seat adjustment
- Full-length center console

## ADVANCED TECHNOLOGY

- Handcrafted all-aluminum-alloy unit-body construction
- Handcrafted engine assembly
- VTEC<sup>®</sup> (Variable Valve Timing and Lift Electronic Control)
- Variable Volume Induction System
- Titanium connecting rods
- Stainless steel headers
- Fiber-reinforced metal (FRM) cylinder walls (6-speed manual)

## AUDIO SYSTEM

- Acura/Bose<sup>®</sup> Sound System with 165-watt continuous power, AM/FM tuner, cassette, 6-disc CD/MP3 changer and 4 speakers

## INSTRUMENTATION

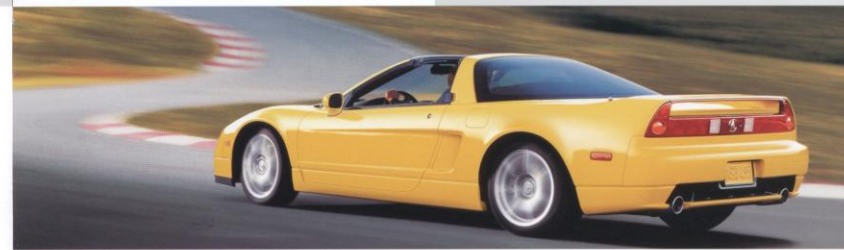
- Sport-oriented instrumentation with dark blue-faced gauges, including: speedometer, tachometer, fuel, battery charge, water temperature, oil pressure

## SAFETY FEATURES

- Driver's and passenger's airbag supplemental restraint system (SRS)
- 3-point seat belts with automatic pretensioners
- 4-wheel, 4-channel anti-lock braking system (ABS)
- Traction Control System (TCS)
- Xenon High-Intensity Discharge (HID) projector-beam headlights
- Impact-absorbing crumple zones (front and rear)
- Theft-deterrent system with electronic immobilizer
- Rear-window defroster with timer
- Side-window defoggers
- Side-impact door beams
- Emergency trunk opener
- Rear-spoiler-integrated LED Center High Mount Stop Light
- Day/night rearview mirror
- 5-mph bumpers (front and rear)
- Impact-absorbing interior surfaces
- Non-protruding switches and controls
- Safety glass

## ACCESSORIES

Talk to your Acura dealer to obtain information about the full line of accessories available to personalize your NSX. Choose genuine Acura accessories because they've been carefully crafted to the same strict levels of quality and durability as the rest of your NSX.



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.



**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.<sup>2</sup>

**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<sup>®</sup> 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<sup>7</sup>** Whether you're buying or leasing, Honda Financial Services can assist you with the process. See your dealer for details.

Total Luxury Care<sup>®</sup>—Owner Benefits Acura's total **tlc** TOTAL LUXURY CARE<sup>®</sup> 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<sup>®</sup> (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

Grand Prix White



White, Onyx or Camel

Silverstone Metallic



Silver or Onyx

Berlina Black



Onyx, Camel or Red

Long Beach Blue Pearl



Blue, Onyx or Camel

Rio Yellow Pearl



Yellow or Onyx

Imola Orange Pearl



Orange or Onyx

New Formula Red



Red, Onyx or Camel

INTERIOR COLORS



White Leather



Silver Leather



Onyx Leather



Blue Leather



Yellow Leather



Orange Leather



Red Leather



Camel Leather

What color is perfection? Since every 2005 Acura NSX comes so completely equipped, it requires you to make very few decisions. But that doesn't mean it's easy. Between its seven exterior colors and eight interior selections, you can choose from a grand total of 18 combinations—including matching hues or classic complements. Regardless which one you choose, NSX's rigorous corrosion-resistance process and tough, durable finish will help preserve that exceptionally smooth, glossy exterior look for a long time to come.

 ACURA

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Modelo de referencia. La foto es una ilustración.