

Press Information

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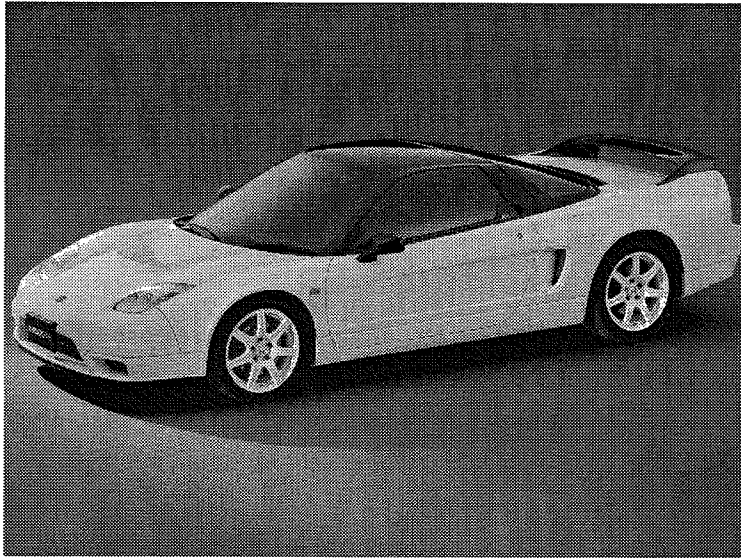
Honda Announces the New NSX-R— A Pure Sports Edition that Further Enhances the NSX's Superlative Performance Envelope

May 23, 2002—Honda Motor Co., Ltd. has announced the release of the NSX-R, a pure sports edition of the NSX with further enhanced driving performance. Since its release in 1990, the NSX has continued to evolve, earning accolades as a true sporting machine. The new NSX-R will go on sale Friday, May 24th at Honda Verno dealers throughout Japan.

The original NSX-R, released as a pure sports model in November 1992, enjoyed a three-year limited production run. Now, seven years later, it is being reintroduced in an all-new form.

The new NSX-R represents a further evolution of the painstaking weight reduction, circuit-tuned suspension refinement, and high-precision engine balancing cultivated in the previous-generation NSX-R. Newly developed aerodynamic devices further enhance high-speed performance, resulting in greater driving performance and handling stability than in its previous incarnation.

- A carbon fiber hood with outlet duct, finned front under-cover, rear diffuser, carbon fiber rear spoiler, and other innovations create a degree of negative lift rarely seen in a street-ready car. This downforce facilitates a quantum leap in the car's driving performance and handling stability at high speeds.
- Racecar-like responsiveness and powerful acceleration are achieved through high-precision balancing of the crankshaft assembly—a measure unheard of in production engines—along with a recalibrated final gear ratio, DBW (Drive By Wire) electronic throttle control, and other specialized tuning.
- The suspension has been hard-tuned to cope with the added downforce, and custom-designed high-grip tires, precision custom chassis tuning, and slitted brake disc rotors with stronger brake pads for potent stopping power are added, creating a level of handling performance that delivers spirited driving pleasure on or off the circuit.
- In addition to weight reduction measures inherited from the previous-generation NSX-R, the new model employs carbon fiber aerodynamic devices formed using special advanced technologies for even greater weight savings.



NSX-R

● **Annual domestic sales projection, NSX and NSX-R combined:** 100 units

● **NSX-R—Main Features**

Negative lift for improved aerodynamic performance

- Aerodynamic lift at the front of the car has been reduced to below zero through the use of a carbon fiber hood with air outlet duct and a finned front under-cover.
- A rear diffuser and carbon fiber rear spoiler reduce rear lift to below zero as well.
- The surface area of the front condenser duct opening has been optimized to control airflow through the body's interior.

Engine and transmission tuning

- The V6 3.2L DOHC VTEC engine employs racing engine assembly technology for enhanced output efficiency and nimble response.
 - Precision balancing of pistons and connecting rods between each cylinder
 - Precision dynamic balancing of crankshaft, clutch case, and pulley assembly
 - Bearing metal measured and matched for more precise metal clearances and reduced friction
- A lower final gear ratio delivers increased acceleration performance.
- Custom-tuned DBW and a decreased accelerator pedal stroke offer improved acceleration response.
- A pre-loaded LSD (limited-slip differential) is employed, with a custom preset weight.

Running gear and chassis tuning

- A hard-tuned suspension, more rigid body, and special roll rigidity balance settings result in superior handling performance in tight turns.
 - Increased spring rate
 - Increased damping rate in dampers
 - Firmer bushings for damper mounts, rear control arms, etc.
 - Stronger stabilizer bars
 - Stronger front and rear tower bars
- Custom-designed high-grip tires are adopted. (Bridgestone Potenza RE070—front: 215/40R17; rear: 255/40R17)
- Lightweight forged aluminum wheels (painted a special Championship White) have been jointly developed with BBS (Washibeam Co., Ltd.).
- Slitted 16-inch brake disc rotors and stronger brake pads deliver increased fade resistance.
- The NSX-R is also fitted with a high-response brake master power cylinder and custom-tuned ABS.

Painstaking weight reduction

- The introduction of carbon fiber parts formed using advanced technologies has resulted in further weight reduction.
 - Carbon fiber front hood with outlet duct, formed of CFRP (Carbon Fiber Reinforced Plastic) using an autoclave
 - Large, hollow-form, one-piece carbon fiber rear spoiler—a world first in a production car^{*1}—with built-in high-mount brake light
- Other painstaking weight reduction measures include:
 - Lighter wheels, smaller battery^{*2}, lighter rear damper beam, removal of spare tire (replaced with aerosol-type puncture repair kit), elimination of power door locks and electric adjustable side mirrors, thinner rear partition glass, lightweight floor carpeting, elimination of floor undercoating and melt sheet, elimination of rear bulkhead insulator, elimination of trunk opener switch, and so on.

*1 According to Honda survey

*2 Except vehicles equipped with manufacturer's optional dual SRS airbags, air conditioning, Bose sound system, and HID headlights.

Interior and exterior

- The NSX-R's high-performance cockpit features improved functionality and an exhilarating sports car feel.
 - Custom ball-shaped titanium shift knob and a lightweight mesh shift boot

- Leather-wrapped Momo steering wheel (In airbag-equipped cars, only the leather-wrapped portion is made by Momo)
- Recaro carbon fiber Aramid full-bucket seats with leather upholstery
- Shift indicator with LEDs that flash then light on to indicate the engine's power peak and rev limit
- Aluminum-finish custom center and side panels; carbon fiber panel laminated to side panel and shift plate
- High-matt rubber used for dashboard and trim to reduce reflected glare on the front windshield
- Instrument panel with carbon-black background and yellow needles
- In addition to the eight standard body colors, the NSX-R is also available in custom Championship White.
- Custom painted headlight garnish (Championship White)
- Red front "H" emblem—the sign of a genuine Type R
- Aluminum mesh engine maintenance lid and custom-painted red intake manifold cover
- The Custom Order Plan allows a rich variety of interior and exterior color combinations, along with various coordinated premium body and wheel color selections.

● **Manufacturer's suggested retail price** (Consumption tax not included. Units: ¥1,000)

Type	Engine	Transmission	Tokyo	Nagoya	Osaka	Fukuoka	Sendai	Sapporo	Okinawa	
NSX-R	V6 3.2L DOHC VTEC	6-speed manual	11,957	11,968	11,973	11,984	11,961	11,998	12,018	

* Pearl exterior colors (Indy yellow Pearl, Midnight Pearl, Monte Carlo Blue Pearl) +¥150,000

Manufacturer's Options

- 1 Fully-automated air conditioning +¥300,000
- 2 SRS airbag system, driver and passenger sides*¹ +¥100,000
- 3 Bose sound system*² (AF/FM electronic tuner, cassette deck, amp with built-in equalizer, 4 speakers) +¥300,000
- 4 Projector-type HID (high intensity discharge) headlights (low beam)*² +¥50,000
- 5 Rear hatch garnish +¥800,000

*1 Available as package with fully-automated air conditioning and Bose sound system

*2 Available as package with fully-automated air conditioning

Publicity materials and photographs of the NSX-R are available at the following URL:

[http:// www.honda.co.jp/PR/](http://www.honda.co.jp/PR/)

(The site is intended exclusively for the use of journalists.)