

# 1994 ACURA NSX

# SPECIFICATIONS

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Engine Type	3.0-liter, DOHC, 24-valve V-6
Horsepower, SAE net	
<i>Manual</i>	270 hp @ 7100 rpm
<i>Automatic</i>	252 hp @ 6600 rpm
Torque, SAE net	210 lbs-ft (29.0 kg-m) @ 5300 rpm
Redline	
<i>Manual</i>	8000 rpm
<i>Automatic</i>	7500 rpm
Bore & Stroke	3.54 in x 3.07 in (90.0 mm x 78.0 mm)
Displacement	181 cu in (2977 cc)
Compression Ratio	10.2:1
Induction System	Programmed Fuel Injection (PGM-FI) with Variable Volume Induction System
Valvetrain	4 valves per cylinder, belt-driven, dual overhead camshafts with Variable Valve Timing and Lift Electronic Control (VTEC) system
Engine Block	Aluminum alloy with cast-iron cylinder liners
Cylinder Head	Aluminum alloy
Connecting Rods	Titanium
Emission Control	3-way catalytic converter
Ignition System	Electronic direct ignition
Alternator	12V, 110 amp. max
Battery	
<i>Manual</i>	70D-23L 12V, 65 amp./hr., maintenance-free
<i>Automatic</i>	80D-26L 12V, 65 amp./hr., maintenance-free
Recommended Fuel	Premium unleaded, 91 octane
Body Type	All-aluminum unit body
Front Suspension	Independent aluminum double-wishbone with coil springs, stabilizer bar and compliance pivot
Rear Suspension	Independent aluminum double-wishbone with coil springs and stabilizer bar
Shock Absorbers	Hydraulic/gas-filled, front and rear
Steering Type	
<i>Manual</i>	Variable power-assisted, rack-and-pinion
<i>Automatic</i>	Electric, variable power-assist, rack-and-pinion
Steering Ratio	
<i>Manual</i>	18.2:1 to 20.8:1 (variable)
<i>Automatic</i>	18.6:1

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Steering Wheel Turns, lock-to-lock		
<i>Manual</i>	3.24	
<i>Automatic</i>	3.07	
Turning Circle, curb-to-curb		
	38.1 ft (11.6 m)	
Wheels		
<i>Front</i>	16 x 7 JJ	
<i>Rear</i>	17 x 8.5 JJ	
Tires		
<i>Front</i>	205/45 ZR 16	
<i>Rear</i>	245/40 ZR 17	
Braking System		
	Dual-diagonal, power-assisted, 4-wheel ventilated disc brakes; 4-channel Anti-Lock Braking System	
<i>Front Discs</i>	Ventilated, 11.1 in (282 mm) diameter, 28 mm rotor thickness	
<i>Rear Discs</i>	Ventilated, 11.1 in (282 mm) diameter, 21 mm rotor thickness	
<i>Swept Area front and rear</i>	229 sq in (1480cm2)	
<i>Parking Brake</i>	Rear, mechanical	
POWERTRAIN		
Type	Transverse midship-engine/rear-wheel drive	
Transmissions		
	5-speed manual	4-speed electronically controlled automatic with programmed lockup torque converter (optional)
Ratios (:1)		
<i>1st</i>	3.071	2.611
<i>2nd</i>	1.727	1.551
<i>3rd</i>	1.230	1.025
<i>4th</i>	0.967	0.684
<i>5th</i>	0.771	—
<i>Reverse</i>	3.186	1.909
<i>Final Drive</i>	4.062	4.428
CAPACITIES		
Crankcase	6.7 U.S. quarts (6.3 liters) including filter	
Cooling System		
<i>Manual</i>	16.9 U.S. quarts (16.0 liters)	
<i>Automatic</i>	17.4 U.S. quarts (16.5 liters)	
Fuel Tank	approx. 18.5 U.S. gallons (70.0 liters)	
Passenger Volume	48.9 cu ft	
Cargo Volume	5.0 cu ft	
Total Volume	53.9 cu ft	

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**FUEL ECONOMY**

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EPA Fuel Mileage, City/Highway\*

*Manual* 19/24*Automatic* 18/23

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*\*Use for comparison purposes only. California figures are the same.  
Your mileage may vary.*

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**EXTERIOR DIMENSIONS**

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Wheelbase 99.6 in (2530 mm)

Track, front 59.4 in (1510 mm)

Track, rear 60.2 in (1540 mm)

Length 174.2 in (4425 mm)

Width 71.3 in (1810 mm)

Height 46.1 in (1170 mm)

Curb Weight

*Manual* 3020 lbs (1370 kg)*Automatic* 3109 lbs (1410 kg)Weight Distribution,  
(%) front/rear*Manual* 42/58Coefficient of Drag  
(Cd)

0.32

Coefficient of Lift (Cl) 0.05

Frontal Area (A) 19.16 sq ft (1.78 sq m)

Air Drag Coefficient  
(Cd x A)

0.57

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**INTERIOR DIMENSIONS**

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*Head room* 36.3 in (921 mm)*Leg room* 44.3 in (1126 mm)*Hip room* 53.8 in (1366 mm)*Shoulder room* 52.5 in (1334 mm)

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**WARRANTIES**

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Vehicle 4-year/50,000-mile limited warranty

Outer Body  
Rust-Through 4-year/unlimited-mile limited  
warranty