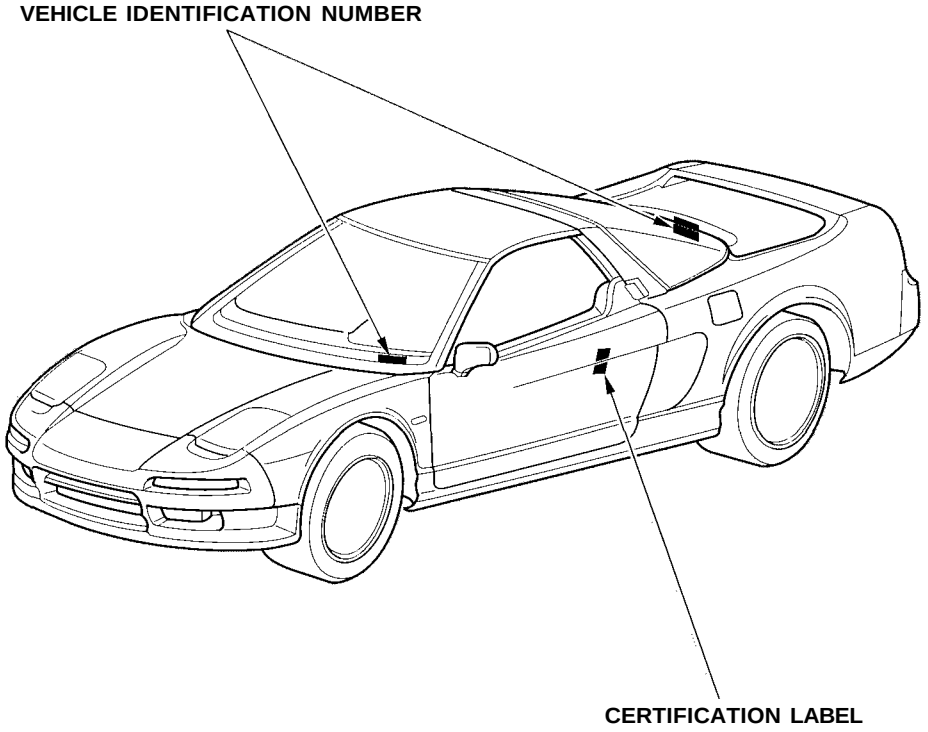
Identification Numbers

Your car has several identifying numbers located in various places.

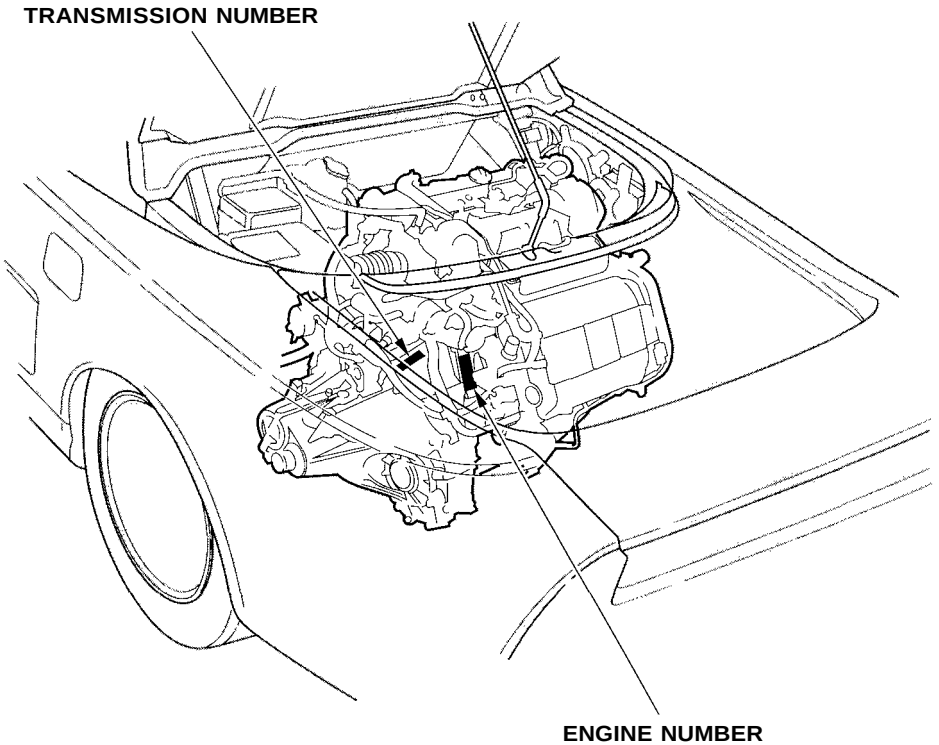
The Vehicle Identification Number (VIN) is the 17-digit number your Acura dealer uses to register your car for warranty purposes. It is also necessary for licensing and insuring your car. The easiest place to find the VIN is on a plate fastened to the top of the dashboard. You can see it by looking through the windshield on the driver's side. It is also on the Certification label attached to the driver's doorjamb, and is stamped on the engine compartment bulkhead. The VIN is also provided in bar code on the Certification label.



Identification Numbers

The Engine Number is stamped on the back left corner of the engine block, below the rear valve cover.

The Transmission Number is on a label on top of the transmission.



Specifications

Dimensions

Length		174.2 in (4,425 mm)
Width		71.3 in (1,810 mm)
Height		46.3 in (1,175 mm)
Wheelbase		99.6 in (2,530 mm)
Track	Front	59.4 in (1,510 mm)
	Rear	60.2 in (1,530 mm)

Weights

Gross vehicle weight rating	See the certification label attached to the driver's doorjamb.

Engine

Type	Water cooled 4-stroke DOHC VTEC V-6 gasoline engine
Bore x Stroke	3.54 x 3.07 in (90.0 x 78.0 mm) *1 3.66 x 3.07 in (93.0 x 78.0 mm) *2
Displacement	181.6 cu-in (2,977 cm^3) *1 194 cu-in (3,179 cm^3) *2
Compression ratio	10.2 : 1 *1 10.2 : 1 *2
Spark plugs	See spark plug maintenance section page 197.

*1 : 3.0 model (4 AT)
*2 : 3.2 model (6 MT)

Capacities

Fuel tank		18.5 US gal (70 ℓ , 15.4 Imp gal)
Engine coolant		
Manual Transmission		
	Change *1	3.17 US gal (12.0 ℓ , 2.64 Imp gal)
	Total	4.23 US gal (16.0 ℓ , 3.52 Imp gal)
Automatic Transmission		
	Change *1	3.17 US gal (12.0 ℓ , 2.64 Imp gal)
	Total	4.36 US gal (16.5 ℓ , 3.63 Imp gal)
Engine oil	Change *2	
	Including filter	5.3 US qt (5.0 ℓ , 4.4 Imp qt)
	Without filter	4.5 US qt (4.3 ℓ , 3.8 Imp qt)
	Total	6.7 US qt (6.3 ℓ , 5.5 Imp qt)
Manual transmission fluid	Change	2.7 US qt (2.6 ℓ , 2.3 Imp qt)
	Total	3.1 US qt (2.9 ℓ , 2.6 Imp qt)
Automatic transmission fluid	Change	3.1 US qt (2.9 ℓ , 2.6 Imp qt)
	Total	7.4 US qt (7.0 ℓ , 6.2 Imp qt)
Windshield washer reservoir	U.S. Cars	2.6 US qt (2.5 ℓ , 2.2 Imp qt)
	Canadian Cars	4.2 US qt (4.0 ℓ , 3.5 Imp qt)

* 1 : Including the coolant in the expansion tank and that remaining in the engine.
Expansion tank capacity:
0.55 US gal (2.1 l ,0.46 Imp gal)
* 2 : Excluding the oil remaining in the engine.

Lights

Headlights	High	12 V — 65 W (HB3) 12 V - 60 W (HB3)
	Low	12 V — 55 W (HB4) 12 V — 51 W (HB4)
Daytime running lights		12 V — 32 CP
Front turn signal lights		12 V — 45 CP (SAE 3497)
Front parking lights		12 V — 6 CP (SAE 3652)
Rear turn signal lights		12 V — 45 CP (SAE 3497)
Stop/Taillights		12 V — 32/2 CP (SAE 2057)
Taillights		12 V - 2 CP (SAE 194)
Side marker lights	Front	12 V — 3 CP (SAE 168)
	Rear	12 V — 3 CP (SAE 168)
Back-up lights		12 V — 32 CP (SAE 1156)
License plate lights		12 V — 8 W
Interior light		12 V — 5 W
Trunk light		12 V — 3.4 W
Door courtesy lights		12 V - 3.4 W

Air conditioning

Refrigerant type	HFC-134a (R-134a)
Charge quantity	28.2—30.0 oz (800—850 g)
Lubricant type	ND-OIL8

Battery

Capacity	
Manual transmission	12 V — 52 AH/5 HR
Automatic transmission	12 V - 55 AH/5 HR

Fuses

Front compartment	See page 262 or the fuse box cover.
Interior	See page 263 or the fuse label attached to the inside of the fuse box door under the dashboard.
Engine compartment	See page 263 or the fuse box cover.

Alignment

Toe	Front	out 0.14 in (3.5 mm)
	Rear	in 0.16 in (4.0 mm)
Camber	Front	—0°20′
	Rear	—1°30′
Caster	Front	8°

Tires

Size	Front	215/45ZR16
	Rear	245/40ZR17
	Folding spare Tire	165/75D16
Pressure	Front	33 psi (230 kPa , 2.3 kgf/cm²)
	Rear	40 psi (275 kPa , 2.8 kgf/cm²)
Folding spare tire	Front	26 psi (180 kPa , 1.8 kgf/cm²)
	Rear	32 psi (220 kPa , 2.2 kgf/cm²)

Traction Control System

The Traction Control System (TCS) monitors how fast the wheels are turning during acceleration. If one drive wheel is turning faster than the other, or both drive wheels are turning faster than the non-driven wheels, engine power is reduced to increase traction.

The TCS uses the same wheel speed sensor assemblies as the ABS. An additional sensor measures steering wheel angle, while another sensor measures lateral acceleration (cornering force).

The TCS uses the pulse frequencies from the wheel speed sensors to sense wheelspin. Information from the steering wheel angle sensor and the lateral acceleration sensor lets the TCS control unit determine if the car is accelerating in a straight line or if it is cornering. The TCS can then calculate how much wheelspin, if any, to allow.

The NSX has a Drive-By-Wire system that allows the Engine Control Module (ECM) to directly control the throttle valve on the engine. If wheelspin is detected during acceleration, the TCS control unit signals the ECM to close the throttle valve partially to reduce engine power.

If wheel lockup is sensed during deceleration (downshifting on a slippery surface, for example), The TCS control unit signals the ECM to open the throttle valve slightly. This raises engine speed and drive wheel speed.

The control unit monitors the TCS circuitry while driving. If it senses a problem, it turns off the system and illuminates the TCS indicator on the instrument panel.

Tire Size Designation

A tire's sidewall is marked with a tire size designation. You will need this information when selecting replacement tires for your car. The following explains what the letters and numbers in the tire size designation mean.

(Example tire size designation)
215/45ZR16

215 — Tire width in millimeters.

45 — Aspect ratio. The tire's section height as a percentage of its width.

ZR — Speed Category. See the speed rating chart in this section for additional information.

R — Tire construction code (Radial).

16 — Rim diameter in inches.

Wheel Size Designation

Wheels are also marked with important information that you need if you ever have to replace one. The following explains what the letters and numbers in the wheel size designation mean.

(Example wheel size designation)
16x7JJ

16 — Rim diameter in inches.

7 — Rim width in inches.

JJ — Rim contour designation.

Tire Speed Ratings

The chart below shows many of the different speed ratings currently being used for passenger car tires. The speed symbol is part of the tire size designation on the sidewall of the tire. This symbol corresponds to that tire's designed maximum safe operating speed.

Speed Symbol or Category	Maximum Speed
Q	99 mph (160 km/h)
S	112 mph (180 km/h)
T	118 mph (190 km/h)
H	130 mph (210 km/h)
V	149 mph (240 km/h)
W	168 mph (270 km/h)
ZR	Over 149 mph (240 km/h)