

Design Specifications

	ITEM		METRIC	ENGLISH	NOTES
Dimensions	Overall Length		4,425 mm	174.2 in	
	Overall Width		1,810 mm	71.3 in	
	Overall Height		1,175 mm	46.3 in	
	Wheelbase		2,530 mm	99.6 in	
	Track F/R		1,510/1,530 mm	59.4/60.2 in	
	Ground Clearance		135 mm	5.3 in	
	Seating Capacity		2		
Weight (USA)	Gross Vehicle Weight Rating (GVWR)		NSX: 1,610 kg	3,550 lbs	
Weight (CANADA)	Gross Vehicle Weight Rating (GVWR)		NSX-T: M/T 1,630 kg	3,593 lbs	
			A/T 1,655 kg	3,649 lbs	
ENGINE	Type		Water cooled, 4-stroke DOHC VTEC gasoline engine		
	Cylinder Arrangement		90° V6-cylinder, transverse		
	Bore and Stroke	C32B1 engine	93.0 x 78.0 mm	3.66 x 3.07 in	
		C30A1 engine	90.0 x 78.0 mm	3.54 x 3.07 in	
	Displacement	C32B1 engine	3,179 cm ³ (cc)	194 cu in	
		C30A1 engine	2,977 cm ³ (cc)	182 cu in	
	Compression Ratio		10.2		
	Valve Train		Belt driven DOHC		
STARTER	Lubrication System		Forced and wet sump		
	Fuel Required		Premium UNLEADED grade gasoline with 91 Pump Octane Number or higher		
	Type/Make		Gear reduction/DENSO		
	Normal Output		1.4 kW		
	Nominal Voltage		12 V		
	Hour Rating		30 seconds		
	Direction of Rotation		Counterclockwise as viewed from gear end		
CLUTCH	Weight		4.75 kg	10.47 lbs	
	Clutch	M/T	Single plate dry, diaphragm spring		
		A/T	Torque converter		
TRANSMISSION	Clutch Lining Area	M/T	239 cm ²	37.0 sq in	
	Transmission	M/T	Synchronized 6 speed forward 1 reverse		
		A/T	Electronically controlled		
	Primary Reduction		4-speed forward automatic; 1 reverse		
			Direct 1 : 1		
	Type		Manual	Automatic	
	Gear Ratio	1st	3.066	2.611	
		2nd	1.956	1.551	
		3rd	1.428	1.025	
		4th	1.125	0.684	
		5th	0.914	—	
		6th	0.717	—	
		Reverse	3.186	1.909	
	Final Reduction	Gear type	Single helical gear		
		Gear ratio	4.062	4.428	

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AIR CONDITIONING	Cooling Capacity — Conditions: Compressor RPM Outside Air Temperature Outside Air Humidity Condenser Air Temperature Condenser Air Velocity Blower Capacity		4,000 Kcal/h 27°C 35°C 4.5 m/sec 420 m³/h	15,872 BTU/h 1,800 rpm 81°F 50% 95°F 14.8 ft/sec 15,540 cu-ft/h	at 12 V
	Compressor	Type/Make No. of Cylinders Capacity Max. speed Lubricant Capacity	Swash-plate type/DENSO 10 155.3 cc/rev 7,600 rpm 160 ml	9.47 cu-in/rev 5 1/3 fl oz, 5.6 imp oz	
	Condenser	Type	Corrugated fin type		
	Evaporator	Type Air Temperature	Corrugated fin type 19.5°C 67°F		
	Blower	Type Motor Input Speed Control Max. Capacity	Sirocco fan 178 W/12 V Infinity variable 460 m³/h 16,247 cu-ft/h		at 13.5 V
	Temp. control		Air-mix type		
	Compressor clutch	Type Power Consumption	Dry, single plate, poly-V-belt drive 40 W/12 V		
	Refrigerant	Type Quantity	HFC-134a (R-134a) 850 $\pm$ 50 g 30.0 $\pm$ 1.8 oz		
STEERING SYSTEM	Type	Type S Except Type S	Rack and pinion Electric, power assisted, rack and pinion 20.8 (18.2 – 20.8) (Manual variable) 18.6 (Power steering) 3.24		
	Overall Ratio	Type S Except Type S	368 mm 14.5 in		
	Turns, Lock-to-Lock				
	Steering Wheel Dia.				
SUSPENSION	Type, Front		Independent double wishbone with compliance pivot, coil spring with stabilizer		
	Type, Rear		Independent double wishbone, coil spring with stabilizer		
	Shock Absorber, Front and Rear		Telescopic, hydraulic nitrogen gas-filled		

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WHEEL ALIGNMENT	Camber	Front	- 0°20' (Except Type S)		
		Rear	- 2°00' (Type S)		
			- 1°30' (Except Type S)		
			- 0°30' (Type S)		
	Caster		8° (Except Type S)		
		8°14' (Type S)			
	Toe	Front	Out 3.5 mm	Out 0.14 in	
		Rear	In 4.0 mm	In 3/16 in	
BRAKE SYSTEM	Type, Front and Rear		Power assisted self-adjusting ventilated disc		
	Pad and Lining Surface Area: Front/Rear Parking Brake Kind and Type		58.0/38.8 cm ²	8.99/6.01 sq in	
			Mechanical expanding, rear two wheel brakes		
TIRE	Size		Front: 215/45 ZR 1b Rear: 245/40 ZR 17 165/80 D 16 (Folding spare tire)		
ELECTRICAL	Battery		12 V - 36AH/5HR 12 V - 52AH/5HR 12 V - 55AH/5HR 12 V - 1.4 kW 12 V - 120 A		Type S M/T (Except Type S) A/T
	Starter				
	Alternator				
	Fuses				NSX NSX-T
	In the Under-dash Fuse Box				
	In the Under-hood Fuse/Relay Box				
	In the Engine Compartment Fuse/Relay Box				
	Headlights, High, Low		7.5 A, 10 A, 15 A		
	Front Turn Signal Lights		7.5 A, 10 A, 15 A, 20 A, 30 A, 40 A, 50 A		
	Front Parking Lights		10 A, 20 A, 30 A, 40 A, 120 A		
	Rear Turn Signal Lights		12 V - 65 W, 55 W		
	Brake/Tailights		12 V - 45 CP		
	Tailights		12 V - 5 W		
	Front Side Marker Lights		12 V - 45 CP		
	Rear Side Marker Lights		12 V - 32/2 CP		
	Back-up Lights		12 V - 2 CP		
	License Plate Lights		12 V - 3 CP		
	Gauge Lights		12 V - 3 CP		
	Indicator Lights		12 V - 32 CP		
	Glove Box and Fuse Lights		12 V - 8 W		
	Ceiling Lights		12 V - 3.0 W, 1.4 W		
	Trunk Lights		12 V - 1.4 W, 1.96 W		
	Door Courtesy Lights		12 V - 3.4 W		
	Footwell Light		12 V - 5 W		
	Illumination and Indicator Lights		12 V - 8 W		
			12 V - 3.4 W		
			12 V - 3.4 W		
			12 V - 5 W		
			12 V - 1.4 W, 0.84 W		
			12 V - 0.91 W, LED		
			12 V - 32 CP		
		LED			
				Canada model only	