

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 A/T 1,655 kg	3,593 lbs 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		
STARTER	Type/Make		Gear reduction/DENSO		
	Normal Output		1.6 kW		
	Nominal Voltage		12 V		
	Hour Rating		30 seconds		
	Direction of Rotation		Counterclockwise as viewed from gear end		
	Weight		4.75 kg	10.47 lbs	
CLUTCH	Clutch	M/T	Single plate dry, diaphragm spring		
		A/T	Torque converter		
	Clutch Lining Area	M/T	239 cm ²	37.0 sq in	
TRANSMISSION	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	

(cont'd)

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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	 155.3 cc/rev 160 ml	Swash-plate type/DENSO 10 9.47 cu-in/rev 7,600 rpm 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	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 ± ₅₀ ⁰ g 30.0 ± _{1.8} ⁰ oz	
STEERING SYSTEM	Type Overall Ratio Turns, Lock-to-Lock Steering Wheel Dia.		Electric, power assisted, rack and pinion 18.6 (Power steering) 3.24 368 mm 14.5 in	
SUSPENSION	Type, Front Type, Rear Shock Absorber, Front and Rear		Independent double wishbone with compliance pivot, coil spring with stabilizer Independent double wishbone, coil spring with stabilizer Telescopic, hydraulic nitrogen gas-filled	

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