

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	1.6 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

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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 160 ml	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	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 ± ⁰ ₅₀ g	30.0 ± ⁰ _{1.5} 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 compli- ance pivot, coil spring with stabilizer Independent double wishbone, coil spring with stabilizer Telescopic, hydraulic nitrogen gas-filled		

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WHEEL ALIGNMENT	Camber		-0°20'	
	Front		-1°30'	
	Caster		8°	
	Toe	Out 3.5 mm	Out 0.14 in	
	Front	In 4.0 mm	In 0.16 in	
	Rear			
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 1b 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	10 A, 20 A, 30 A, 40 A, 120 A		
	Fuse/Relay Box	12 V - 65 W, 55 W		
	Headlights, High, Low	12 V - 45 CP		
	Front Turn Signal Lights	12 V - 5 W		
	Front Parking Lights	12 V - 45 CP		
	Rear Turn Signal Lights	12 V - 32/2 CP		
	Brake/Tailights	12 V - 2 CP		
	Tailights	12 V - 3 CP		
	Front Side Marker Lights	12 V - 3 CP		
	Rear Side Marker Lights	12 V - 32 CP		
	Back-up Lights	12 V - 8 W		
	License Plate Lights	12 V - 3.0 W, 1.4 W		
	Gauge Lights	12 V - 1.4 W, 1.96 W		
	Indicator Lights	12 V - 3.4 W		
	Glove Box and Fuse Lights	12 V - 5 W		
	Ceiling Lights	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		
	Daytime Running Lights	12 V - 0.91 W, LED		
	High Mount Brake Light	12 V - 32 CP LED		

NSX
NSX-T

Canada model only