

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1991

Manufacturer NISSAN MOTOR CO., LTD.	Vehicle Line NISSAN NX	
Mailing Address 560-2, OKATSUKOKU, ATSUGI-SHI, KANAGAWA, 243-01, JAPAN	Issued '90-10	Revised

Direct questions concerning these specifications to the manufacturer listed above.

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The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.



Motor Vehicle Manufacturers Association
of the United States, Inc.

Forms Provided by Technical Affairs Division

MVMA Specifications

METRIC (U.S. Customary)

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NOTE:

1. This form uses both SI metric units and U.S. Customary units. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.
 - c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.
4. Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

MVMA Specifications

Vehicle Line NISSAN NV

Model Year '91

Issued '90-10

Revised ---

METRIC (U.S. Customary)

Vehicle Origin

Design & development (company) NISSAN MOTOR CO., LTD.

Where built (country) JAPAN

Authorized U.S. sales
marketing representative NISSAN MOTOR CORPORATION in U.S.A.

Vehicle Models

Model Description & Drive (FWD RWD AWD 4WD)		Introduction Date		Make, Vehicle Models, Series, Body Type (Mfg's Model Code)		No. of Designated Seating Positions (Front/Rear)		Max. Trunk Cargo Load-Kilograms (Pounds)		EPA Fuel Economy (City/Hwy)	
Fed	COUPE	2WD	GA16DE	1600	GAYALVFB13EUA	4 (2/2)	34 kg (75 lbs)	28/38			
					GAYALVAB13EUA			27/36			
		SR20DE	2000	GBYALWFB13EUA	23/31						
				GBYALWAB13EUA	23/29						
	TBAR	2WD	GA16DE	1600	HAYALVFB13EUA			28/38			
					HAYALVAB13EUA			27/36			
		SR20DE	2000	HBYALWFB13EUA	23/31						
				HBYALWAB13EUA	23/29						
Cal	COUPE	2WD	GA16DE	1600	GAYALVFB13EVA	4 (2/2)	34 kg (75 lbs)	28/38			
					GAYALVAB13EVA			27/36			
		SR20DE	2000	GBYALWFB13EVA	23/31						
				GBYALWAB13EVA	23/29						
	TBAR	2WD	GA16DE	1600	HAYALVFB13EVA			28/38			
					HAYALVAB13EVA			27/36			
		SR20DE	2000	HBYALWFB13EVA	23/31						
				HBYALWAB13EVA	23/29						

* FWD - Front Wheel Drive RWD - Rear Wheel Drive AWD - All Wheel Drive 4WD - Four Wheel Drive

METRIC (U.S. Customary)
Power Teams

SAE J1349 Net bhp (brake horsepower) and Net Torque corrected to 77°F, 25°C and 29.61 in. Hg/100 kPa atmospheric pressure.

		A	B	C	D
E N G I N E	Engine Code	GA16DE	GA16DE	SR20DE	SR20DE
	Displacement Liters (in ³)	1.597	1.597	1.998	1.998
	Induction system (FI, Carb, etc.)	N.A.	N.A.	N.A.	N.A.
	Compression ratio	9.5	9.5	9.5	9.5
	SAE Net at RPM	80.9/6000 (110/6000)	80.9/6000 (110/6000)	103.0/6400 (140/6400)	103.0/6400 (140/6400)
	Torque N • m (lb. ft.)	147.1/4000 (108/4000)	147.1/4000 (108/4000)	179.0/4800 (132/4800)	179.0/4800 (132/4800)
T R A N S	Exhaust single, dual	SINGLE	SINGLE	DUAL	DUAL
	Transmission/ Transaxle	RS5F31A	RL4F03A	RS5F32V	RL4F03V
T R A N S	Axle Ratio (std. first)	4.167	3.827	4.176	3.827

Series Availability		Power Teams (A - B - C - D)	
Model	Code	Standard	Optional
GAYALVFB13EUA		A	
GAYALVAB13EUA		B	
GBYALWFB13EUA		C	
GBYALWAB13EUA		D	
HAYALVFB13EUA		A	
HAYALVAB13EUA		B	
HBYALWFB13EUA		C	
HBYALWAB13EUA		D	
GAYALVFB13EVA		A	
GAYALVAB13EVA		B	
GBYALWFB13EVA		C	
GBYALWAB13EVA		D	
HAYALVFB13EVA		A	
HAYALVAB13EVA		B	
HBYALWFB13EVA		C	
HBYALWAB13EVA		D	

MVMA Specifications

Vehicle Line **NISSAN NX**
Model Year **'91** Issued **'90-10** Revised **11**

METRIC (U.S. Customary)

Engine Description
Engine Code

GA16DE

SR20DE

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sonic, conc, conv, hemi, wedge, pre-camber, etc.)

INLINE
FRONT
TRANSVERSE

Manufacturer	AI CHI, NMMC	NISSAN
No. of cylinders	4	
Bore	76 mm	86 mm
Stroke	88 mm	86 mm
Bore spacing (C to C, L)	85.5 mm	97 mm
Cylinder block material & mass kg (lbs.) (machined)	CAST IRON 35.4 kg	ALUMINUM ALLOY 26 kg
Cylinder block deck height	214 mm	211.3 mm
Cylinder block length	369 mm	440.5 mm
Deck clearance (minimum) (above or below block)	0 mm	
Cylinder head material & mass kg (lbs.)	Aluminum Alloy 10.6 kg	Aluminum Alloy 15 kg
Cylinder head volume cm ³ (inches ³)	32.0 cm ³	46 cm ³
Cylinder liner material	CAST IRON	
Head gasket thickness (compressed)	1.2 mm	
Minimum combustion chamber total volume cm ³ (inches ³)	47.0 mm	59 mm
Cyl. no. system	L Bank	1-2-3-4
(front to rear)*	R Bank	N.A.
Firing order		1-3-4-2
Intake manifold material & mass kg (lbs.)**	Aluminum Alloy 6.0kg	Aluminum Alloy 3.5kg
Exhaust manifold material & mass kg (lbs.)**	CAST IRON 4.4 kg	CAST IRON 3.2 kg
Knock sensor (yes / no)	NO	YES
Fuel required unleaded, diesel, etc.	UNLEADED	
Fuel antiknock index (R + M) - 2	NO LESS THAN 87	
Engine mounts	Quantity	ATTACHMENT*
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	RH MOUNT:HYDROELASTIC/OTHER MOUNTS:ELASTOMERIC
	Added isolation (sub-frame, crossmember, etc.)	CENTER MEMBER
Total dressed engine mass (wt): dry***		155 kg

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum Alloy 236 g	Aluminum Alloy 362 g
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Engine - Camshaft

Location		Cylinder HEAD	
Material & mass kg (weight, lbs.)		CAST IRON INT 1.8kg Exh 1.7kg	CAST IRON 2kg
Drive type	Chain / belt	CHAIN	
	Width / pitch	15 mm/9.525 mm	14 mm/9.525 mm

* Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Finished state.

*** Dressed engine mass (weight) includes the following:

M/T	A/T
MAIN MOUNTS 3	MAIN MOUNTS 3
BUFFER ROD 1	

MVMA Specifications

Vehicle Line _____
Model Year '01 _____ Issued '90-10 _____ Revised () _____

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Engine Description
Engine Code

GA16DE

SR20DE

Engine - Valve System

Hydraulic lifters (std., opt., n.a.)	N.A.	Std.
Valves	Number intake exhaust	2/2
	Head O.D. intake exhaust	30 mm/24 mm
		34.2 mm/30.2 mm

Engine - Connecting Rods

Material & mass kg., (weight, lbs.)	FORGED STEEL 0.529 kg	VANADIUM STEEL 0.59 kg
Length (axes C/L to C/L)	140.5 mm	136.3 mm

Engine - Crankshaft

Material & mass kg., (weight, lbs.)	FORGED STEEL 12.3 kg	VANADIUM STEEL 17.0 kg
End thrust taken by bearing (no.)	No. 3	
Length & number of main bearings	465.5 mm . 5	506.3 mm . 5
Seal (material, one, two piece design, etc.)	Front	ACLYLIC RUBBER ONE PIECE
	Rear	SILICON RUBBER ONE PIECE
		FLUORLINE RUBBER ONE PIECE

Engine - Lubrication System

Normal oil pressure kPa (psi) at engine rpm	294.2 kpa at 2000 rpm	314-392 kpa at 3200 rpm
Type oil intake (floating, stationary)	STATIONARY	
Oil filter system (full flow, part, other)	Full Flow	
Capacity of oil case, less liter/refill-L (qt.)	3.2	3.7

Engine - Diesel Information

Diesel engine manufacturer	
Glow plug, current drain at 0°F	
Injector nozzle	Type
	Opening pressure kPa (psi)
Pre-chamber design	
Fuel injection pump	Manufacturer
	Type
Fuel injection pump drive (belt, chain, gear)	
Supplementary vacuum source (type)	
Fuel heater (yes/no)	
Water separator, description (std., opt.)	
Turbo manufacturer	
Oil cooler-type (oil to engine coolant; oil to ambient air)	
Oil filter	

Engine - Intake System

Turbo charger - manufacturer	N.A.
Super charger - manufacturer	N.A.
Intercooler	N.A.

* Finished State

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Engine Description
Engine Code

ENG	GA16DE				SR20DE			
T/M	M/T		4 A/T		M/T		4 A/T	
Spoiler	x	o	x	o	x	o		

Engine - Cooling System

Coolant recovery system (std., opt., n.a.)	Std. (Reserve Tank)
Coolant fill location (rad., bottle)	Bottle
Radiator cap relief valve pressure kPa (psi)	90

Circulation thermostat	Type (choke, bypass)	BYPASS
	Starts to open at °C (°F)	76.5°C

Water pump	Type (centrifugal, other)	CENTRIFUGAL
	GPM 1000 pump rpm	N.A.
	Number of pumps	1
	Drive (V-belt, other)	V-BELT
	Bearing type	BALL
	Impeller material	COLD ROLLED CARBON STEEL
	Housing material	ALUMINUM ALLOY

Bypass recirculation type (inter., ext.)	INTERNAL
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Cooling system capacity	With heater - L (qt.)	5.3	5.5	5.8	6.0
	With air conditioner - L (qt.)	5.3	5.5	5.8	6.0
	Opt. equipment specify - L (qt.)	N.A.			

Water jackets full length of cyl. (yes, no)	YES
---	-----

Water all around cylinder (yes, no)	YES	NO
-------------------------------------	-----	----

Water jackets open at head face (yes, no)	YES
---	-----

Radiator core	Std. A/C HO	Std. A/C
	Type (cross-flow, etc.)	Vertical Flow
	Construction (fin & tube mechanical, braze, etc.)	TUBE AND CORRUGATED FIN BRAZED
	Material, mass kg (wgt., lbs.)	2.0 3.0 2.5 3.2 2.2 3.0 2.5
	Width	647mm
	Height	320mm
	Thickness	16mm 25mm 16mm 25mm 16mm
	Fins per inch	17 17 23 17 23 17 23

Radiator end tank material	Resin
----------------------------	-------

Std., elec., opt.	Elect
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Fan	Number of blades & type (flex, solid, material)	N.A.
	Diameter & protected wdm	300mm
	Ratio (fan to crankshaft rev.)	N.A.
	Fan cutout type	N.A.
	Drive type (direct, remote)	N.A.
	RPM at idle (elec.)	1800 High 2250 Low 1600
	Motor rating (wattage/elec.)	70 W 110 W 70 W 160 W
	Motor switch (type & location/elec.)	Electrical-ECCS Control
	Switch point (temp./pressure/elec.)	*1
	Fan shroud (material)	Resin

*1	Electrical-ECCS Control
	91°C at Idle 91°C at Idle (Low) 100°C at Idle 95°C at Idle (Low)

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Vehicle Line NISSAN 2400
Model Year '91 Issued '90-10 Revised (+) _____

METRIC (U.S. Customary)

Engine Description
Engine Code

GA16DE

SR20DE

Engine - Fuel System (See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.	ELECTRONIC FUEL INJECTION	
Manufacturer	NISSAN	
Carburetor no. of barrels	N.A.	
Idle A/F mix	Present and Sealed at Factor	
Fuel injection	Point of injection (no.)	4
	Constant, pulse, flow	PULSE
	Control (electronic, mech.)	ELECTRONIC
	System pressure kPa (psi)	299.2 kpa
Idle spd., rpm (spec. neutral or drive and propane if used)	Manual	650 rpm : 800 rpm
	Automatic	800 rpm(N Range)
Intake manifold heat control (exhaust or water thermostatic or fixed)	NO	FIXED
Air cleaner type	PAPER ELEMENT	
Fuel filter (type/location)	PAPER ELEMENT/ENGINE ROOM	
Fuel pump	Type (elec. or mech.)	ELECTRICAL
	Location (eng., tank)	IN TANK
	Pressure range kPa (psi)	299 kpa
	Flow rate at regulated pressure L (gall/hr @ kPa (psi)	70 l/hr at 299 kpa

Fuel Tank

Capacity refill L (gallons)	50(13.2)	
Location (describe)	Under Rear Floor	
Attachment	Fastend with bolts	
Material & Mass kg (weight lbs.)	Carbon Steel Tin-Lead Coat, 11	
Filler pipe	Location & material	At the Left Rear Fender, Carbon Steel
	Connection to tank	Rubber Hose
Fuel line (material)	Carbon Steel & Rubber	
Fuel hose (material)	Rubber	
Return line (material)	Carbon Steel & Rubber	
Vapor line (material)	Carbon Steel & Rubber	
Extended range tank	Opt., n.a.	
	Capacity L (gallons)	
	Location & material	
Auxiliary tank	Attachment	
	Opt., n.a.	
	Capacity L (gallons)	
	Location & material	
	Attachment	
	Selector switch or valve	
	Separate fill	

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Vehicle Line NISSA NX
Model Year '91 Issued 90-10 Revised ()

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Engine Description
Engine Code

GA16DE

SR20DE

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)	TWC/02S/EGR/SMPI	EGI/EGR/PAIR/TWC/02S
	Air Injection	Pump or pulse	N.A.
		Driven by	N.A.
		Air distribution (head, manifold, etc.)	N.A.
		Point of entry	N.A.
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	CONTROLLED FLOW
		Exhaust source	EXHAUST MANIFOLD
		Point of exhaust injection (spacer, carburetor, manifold, other)	INTAKE MANIFOLD
	Catalytic Converter	Type	THREE WAY
		Number of	1
		Location(s)	UNDER FLOOR
		Volume L (in ³)	1.7
		Substrate type	MONOLITH
		Node metal type	
		Node metal concentration (g/cm ³)	
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)	INDUCTION SYSTEM	
	Energy source (manifold vacuum, carburetor, other)	MANIFOLD VACUUM	
	Discharges to (intake manifold, other)	INTAKE MANIFOLD	
	Air inlet (breather cap, other)	AIR DUCT	AIR CLEANER
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	CARBON CANISTER
		Carburetor	N.A.
	Vapor storage provision	CARBON CANISTER	
Electronic system	Closed loop (yes/no)	YES	
	Open loop (yes/no)	YES	

Engine - Exhaust System

Type (single, single with cross-over, dual, other)	SINGLE WITH CONVERTER	DUAL WITH CONVERTER
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs)	MUFFLER 2 1.EXPANSION WITH GLASS WOOL * 2.EXPANSION AND REVERSE FLOW WITH RESONATOR	
Resonator no. & type	NONE	
Exhaust pipe	Branch o.d., wall thickness	NONE
	Main o.d., wall thickness	Ø42.7 FRONT HALF: F1.5 Ø48.6 REAR HALF: F1.5
	Material & Mass kg (weight lbs)	STAINLESS STEEL TUBE 3.0 kg STAINLESS STEEL TUBE 4.2 kg
Inter- mediate pipe	o.d. & wall thickness	Ø45.7 FRONT HALF: F1.2 Ø48.6 REAR HALF: F1.0
	Material & Mass kg (weight lbs)	Al COAT STEEL TUBE 3.6 kg Al COAT STEEL TUBE 3.0 kg
Tail pipe	o.d. & wall thickness	Ø38.1 t1.2 Ø48.6 t1.2
	Material & Mass kg (weight lbs)	STAINLESS STEEL TUBE 0.2 kg STAINLESS STEEL TUBE 0.2 kg

* MATERIAL: STAINLESS STEEL & Al COAT STEEL

MASS:

	GA16DE	SR20DE
1	1.7kg	1.8kg
2	3.1kg	5.3kg

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Engine Description
Engine Code

GA16DE

SR20DE

Transmissions: Transaxle (Std., Opt., N.A.)

Manual 3-speed (manufacturer country)	N.A.
Manual 4-speed (manufacturer country)	N.A.
Manual 5-speed (manufacturer country)	Std.
Automatic (manufacturer country)	N.A.
Automatic overdrive (manufacturer country)	Std.

Manual Transmission/Transaxle

Number of forward speeds	5	
Gear ratios	1st	3.333 13.063
	2nd	1.955 11.826
	3rd	1.286
	4th	0.926 10.975
	5th	0.733 10.756
	Reverse	3.417 13.153
Synchronous meshing (specify gears)	1-2-3-4-5	
Shift lever location		
Trans. case mat'l. & mass kg (lbs)*	Aluminum Alloy 34.3	Aluminum Alloy 41.2
Lubricant	Capacity L (pt.)	2.9 13.5-3.7
	Type recommended	NISSAN MPG SPECIAL 80W-90

Clutch (Manual Transmission)

Clutch manufacturer		ATUGI	
Clutch type (drv. wet; single, multiple disc)		DRY SINGLE DISC	
Linkage (hydraulic, cable, rod, lever, other)		CABLE	
Max. pedal effort (nom. spring load) N (lbs)	Depressed		
	Released		
Assist (spring, power; percent, nominal)			
Type pressure plate springs		DIAPHRAGM	
Total spring load (nominal) N (lbs)		390 kg	450 kg
Clutch facing	Facing mfg. & material coding	HITACHI HN6322	
	Facing material & construction	SPILAL WOUND NON ASBESTOS	
	Rivets per facing	16 V	
	Outside x inside dia. (nominal)	190 x 132	215 x 140
	Total eff. area cm ² (in. ²)	147 cm ²	209 cm ²
	Thickness (pressure plate side/ty wheel side)	3.5/3.5	
	Rivet depth (pressure plate side/ty wheel side)	1.3-1.8/1.3-1.8	
	Engagement cushion method	FLAT WAVE SPRINGS	
Release bearing type & method lub.		BALL BEARING SEALED TYPE	
Torsional damping method, springs, hysteresis		RUBBERS	COIL SPRINGS AND FRICTION WASHERS

* Includes shift linkage, lubricant, and clutch housing, if other specify.

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Engine Description
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Automatic Transmission/Transaxle

Trade Name	NISSAN MATIC (RL4F03A)	NISSAN MATIC (RL4F03V)
Type and special features (describe)	Lock Up Torque Converter With Automatically Operated Planetary Gear	
Gear selector	Location (column, floor, other)	Floor Mounted
	LT: No. designation (e.g. PRND21)	P.R.N.D.2.1
	Shift interlock (yes, no, describe)	YES
Gear ratios	1st	2.861
	2nd	1.562
	3rd	1.000
	4th	0.697
	Reverse	2.310
Max. upshift speed - drive range km/h (mph)	150	162
Max. kickdown speed - drive range km/h (mph)	153	159
Min. overdrive speed km/h (mph)	40	41
Torque converter	Number of elements	3
	Max. ratio at stall	2.6:1
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	236
	Capacity factor "K"	
Lubricant	Capacity refill L (pt.)	7
	Type recommended	NISSAN Matic Fluid "n"
Oil cooler (std., opt., N.A., internal, external, air, liquid)	Std.	
Transmission mass kg (lbs) & case material**	Aluminum Alloy 62	Aluminum Alloy 75

All Wheel / 4 Wheel Drive

Description & type (part-time, full-time, 2/4 shift while moving, mechanical, elect., chain/gear, etc.)	
Transfer case	Manufacturer and model
	Type and location
Low-range gear ratio	
System disconnect (describe)	
Center differential	Type (bevel, planetary, w or w/o viscous bias, torsen, etc.)
	Torque split (% front/rear)

* Input speed - , Torque

** Dry weight including torque converter. If other, specify.

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Axle Ratio and Tooth Combinations (See Power Teams for axle ratio usage)

Effective final drive ratio (or overall top gear ratio)

Transfer ratio and method (chain, gear, etc.)

Front drive unit
Ring gear o.d.
No. of teeth
Pinion
Ring gear

Front Drive Unit

Description (integral to trans., etc.)

Limited slip differential (type)

Drive pinion
Type
Offset

No. of differential pinions

Pinion / differential
Adjustment (shim, etc.)
Bearing adjustment

Driving wheel bearing (type)

Lubricant
Capacity (lpt.)
Type recommended

Axle Shafts - Front Wheel Drive

Manufacturer and number used

2

Type (straight, solid bar, tubular, etc.)

Left Solid Bar
Right Tubular
Solid Bar
Solid Bar

Outer diam. x length* x wall thickness

Manual transaxle
Automatic transaxle
Optional transaxle
Left 21 x 361
Right 45 x 647 x 3.2
Left 21 x 361
Right 45 x 647 x 3.2
Left
Right
23 x 341
24 x 391
23 x 341
24 x 391

Slip yoke

Type
Number of teeth
Spoke o.d.

Universal joints

Make and mtg. no.
Inner NISSAN
Outer NISSAN
Number used 2 Inner & 2 Outer
Type, size, plunge
Inner TS79C
Outer ZF90
DS86(RH), TS86(LH)
BF86
Attach (u-bolt, clamp, etc.) Attached by Car Clip
Bearing
Type (plain, anti-friction)
Lubrication (fitting, grease)

Drive taken through (torque tube, arms or springs)

Torque taken through (torque tube, arms or springs)

* Centerline to centerline of universal joints, or to centerline of attachment.

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Body Type And/Or
Engine Displacement

	2WD
GA16DE	SR20DE

Suspension - General Including Electronic Controls

Car leveling	Standard (optional not avail.)	N.A.
	Manual/automatic control	N.A.
	Type (air/hydraulic)	N.A.
	Primary assist spring	-
	Rear drive 4 wheel leveling	-
	Single dual rate spring	-
	Single dual ride heights	-
Shock absorber damping controls	Provision for jacking	-
	Standard (option not avail.)	-
	Manual/automatic control	-
	Number of damping rates	-
	Type of actuation (manual/electric motor/air, etc.)	-
	s e n s i t i v e	=
	Deceleration	-
Shock absorber (front & rear)	Acceleration	-
	Road surface	-
	Type	Hydraulic
	Make	ATSUGI, KAYABA, TOKIKO and MONROE
	Piston diameter	ø25
	Rod diameter	ø18

Suspension - Front

Type and description		Independent Strut Type	
Travel*	Full bounce	75 mm	
	Full rebound	85.5 mm	
Spring	Type (coil, leaf, other & material)	Coil Spring Steel	
	Insulators (type & material)	Rubber Seat	
	Size (coil design height & i.d.)	*1 (Attachment)	
	Spring rate N/mm (lb./in.)	19.6 N/mm	21.6 N/mm
	Rate at wheel N/mm (lb./in.)	18.6 N/mm	20.5 N/mm
Stabilizer	Type (link, linkless, frameless)	LINK	
	Material & bar diameter	Carbon Steel, ø28.6	Carbon Steel, ø28

Suspension - Rear

Type and description		Independent Strut Type	
Travel*	Full bounce	105 mm	
	Full rebound	95 mm	
Spring	Type (coil, leaf, other & material)	Coil Spring Steel	
	Size (length x width, coil design height & i.d.)	*2 (Attachment)	
	Spring rate N/mm (lb./in.)	15.7 N/mm	19.6 N/mm
	Rate at wheel N/mm (lb./in.)	15.5 N/mm	19.4 N/mm
	Insulators (type & material)	Rubber Seat	
	if leaf		
Stabilizer	No. of leaves	N.A.	
	Shackle (comp. or tens.)	N.A.	
Stabilizer	Type (link, linkless, frameless)	LINK	
	Material & bar diameter	Carbon Steel, ø10	Carbon Steel, ø15
Track bar (type)		N.A.	

* Define load condition:

*1

GA16DE		SR20DE
ALL (EXCEPT TBAR 4A/T)	TBAR 4A/T	
375 x 118	385 x 118	370 x 118

*2

GA16DE	SR20DE
321 x 119	298.5 x 118

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line NISSAN NX
Model Year '91 Issued 90-10 Revised ()

Body Type And/OR
Engine Displacement

GAL6DE

SR20DE

Brakes - Service

Description		() : With ABS	() : With ABS & Sport Pack
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)	Disc: Std	
	Rear (disc or drum)	Drum: Std (Disc)	Disc: Std
Valving type (proportion, delay, metering, other)		Front: Std, Rear: Std	
Power brake (std., opt., n.a.)		Std	
Booster type (remote, integral, vac., hvd., etc.)		Integral	
Vacuum	Source (in-line, pump, etc.)	inline	
	Reservoir (volume in l)	110.4 (147.1)	147.1
	Pump type (elec., gear driven, belt driven)	N.A.	
Traction control	Operational speed range		
	Type engine intervention (electronic, mech.)		
Anti-lock device	Front / rear (std., opt., n.a.)	(OPT)	
	Manufacturer	(NIPPON ABS LTD)	
	Type (electronic, mech.)	(Electronic)	
	Number sensors or circuits	(4 Sensor)	
	Number anti-lock hydraulic circuits	(2 Channel)	
	Integral or add-on system	(Add-on System)	
	Yaw control (ves, no)	(No)	
Hydraulic power source (elec., vac., mtr., belt, strg.)		(Electronic)	
Effective area cm ² (in. ²)*		172/204 (100)	152 (176)/100
Gross lining area cm ² (in. ²)(F/R)		172/204 (100)	152 (176)/100
Swept area cm ² (in. ²)(F/R)		1054/339 (740)	1098 (1163)/740
Rotor	Outer working diameter	F/R : 238/N.A. (232)	248(255)/232
	Inner working diameter	F/R : 152/N.A. (174)	163(167.4)/174
	Thickness	F/R : 18/N.A. (7)	18 (22)/7
	Material & type (vented/solid)	F/R : Cast Iron Vented/N.A. (Cast Iron Solid)	Cast Iron Vented/Cast Iron Solid
Drum	Diameter & width	F/R : N.A. /180 (N.A.)	N.A.
	Type and material	F/R : N.A. /Cast Iron (N.A.)	N.A.
Wheel cylinder bore		48.1/15.8 (30.1)	48.1 (54.0)/30.1
Master cylinder	Bore stroke	F/R : 20.6 (22.2)/31	22.2/31
Pedal arc ratio		3.8	
Line pressure at 445 N(100 lb.) pedal load kPa (psi)		11701 (12727)	12727
Lining clearance		F/R : NO Major Adjustment Required/0.3-0.5 (Pri+sec) (NO Major Adjustment Required)	
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)	BONDED
		Rivet size	N.A.
		Manufacturer	HITACHI
		Lining code*****	HITACHI HP12H FF
		Material	Molded Semi Metallic
		**** Primary or out-board	106 x 43 x 10
		Size Secondary or in-board	106 x 43 x 10
		Shoe thickness (no lining)	6.0
	Rear wheel	Bonded or riveted (rivets/seg.)	Bonded
		Manufacturer	AKEBONO
		Lining code*****	AKEBONO A901 FF (AKEBONO AP52 FF)
		Material	Molded Non Asbestos
		**** Primary or out-board	172.8x30x4.0(94x29x10)
		Size Secondary or in-board	172.8x30x4.0(94x29x10)
		Shoe thickness (no lining)	1.6 (6.0)
	Front wheel	Bonded or riveted (rivets/seg.)	BONDED
		Rivet size	N.A.
	Rear wheel	Bonded or riveted (rivets/seg.)	BONDED
		Rivet size	N.A.

* Excludes rivet holes, grooves, chamfers, etc. ** Includes rivet holes, grooves, chamfers, etc.

*** Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.)
(Disc brake: Square of Outer Working Dia. minus Square of inner Working Dia. multiplied by Pi/2 for each brake.)

**** Size for drum brakes includes length x width x thickness. ***** Manufacturer I.D., catalog for formulation designation and coefficient of friction classification

MVMA Specifications

Vehicle Line NISSAN NX
Model Year '91 Issued 06-10 Revised ()

METRIC (U.S. Customary)

Body Type And/Or
Engine Displacement

GA16	SR20
1600	2000

Tires And Wheels (Standard)

Tires	Size (load range, ply)		P175/70R13 82S (B)		P185/60R14 82H (B)	
	Type (bias, radial, steel, nylon, etc.)		Radial			
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	220(32)		230(33)	
		Rear kPa (psi)	200(29)			
	Rev. mile-at 70 km/h (45 mph)		925		921	
Wheels	Type & material		Disc-Stamped Steel			
	Rim (size & flange type)		13 x 5J		14x5 1/2JJ	
	Wheel offset		40		45	
	Attachment	Type (bolt or stud)	Stud			
		Circle diameter	100			
Number & size		M12 x1.25 4Hex Nuts				
Spare	Tire and wheel		T115/70D14 14 x 4T		T135/70D15 15 x 4T	
	Storage position & location (describe)					

Tires And Wheels (Optional)

Tire size (load range, ply)	N.A.	195/55R14 82V (B)
Type (bias, radial, steel, nylon, etc.)	N.A.	Radial
Wheel (type & material)	Aluminum Casting	
Rim (size, flange type and offset)	13 x 5J	
Tire size (load range, ply)	N.A.	
Type (bias, radial, steel, nylon, etc.)	N.A.	
Wheel (type & material)	Aluminum Casting	
Rim (size, flange type and offset)	14 x 5 1/2JJ	
Tire size (load range, ply)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Tire size (load range, ply)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Spare tire and wheel size (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)		

Brakes - Parking

Type of control	Center Lever Hand Operated	
Location of control	Between Front Seats	
Operates on	Rear Wheels	
If separate from service brakes	Type (internal or external)	N.A.
	Drum diameter	N.A.
	Lining size (length x width x thickness)	N.A.

MVMA Specifications

Vehicle Line NISSAN NX
 Model Year '91 Issued 90-10 Revised (*)

METRIC (U.S. Customary)

Body Type And/Or
 Engine Displacement

--

Steering

Manual (std., opt., n.a.)	N.A.
Power (std., opt., n.a.)	Std.
Adjustable steering wheel/colum (tilt, telescope, other)	Type Tilt
	Manufacturer F.K.K.
	(std., opt., n.a.) Std.
Wheel diameter** (W9) SAE J1100	Manual 6380
	Power 6380

Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	
		Curb to curb (l. & r.)	4.6(*1) 5.2(*2)
	Inside rear	Wall to wall (l. & r.)	
		Curb to curb (l. & r.)	

Steering Radius*

Manual	Gear	Type	N.A.
		Manufacturer	N.A.
		Ratios	Gear N.A.
		Overall	N.A.
		No. wheel turns (stop to stop)	N.A.

Power	Gear	Type (coaxial, elec., hvc., etc.)	Integral Gear & Power Piston with Vane Type Pump
		Manufacturer	NISSAN
		Type	RACK & PINION
		Ratios	Gear 00
		Overall	14.7(*1) 15.2(*2)
		Pump (drive)	Belt form Crank-Shaft pulley
		No. wheel turns (stop to stop)	3.07(*1) 2.74(*2)

Linkage	Location (front or rear of wheels, other)	Type	PARALLELOGRAM
		Tie rods (one or two)	TWO

Steering axis	Bearing (type)	Inclination at camber (deg.)	
		Upper	
		Lower	
		Thrust	

Steering spindle knuckle & joint type

* The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.
 ** See Page 22.

*1; 175/70R13

*2; 185/60R14, 195/55R14

METRIC (U.S. Customary)

Body Type And/Or
Engine Displacement

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	$\pm 1^{\circ}50' +45'$
		Camber (deg.)	$-0^{\circ}15' +45'$
		Toe-in outside track-mm (in.)	2.0 ± 1 (mm)
	Service reset	Caster (deg.)	$\pm 1^{\circ}50' \pm 45'$
		Camber (deg.)	$-0^{\circ}15' +45'$
		Toe-in - mm (in.)	2.0 ± 1 (mm)
Rear wheel at curb mass (wt.)	Periodic M.V. inspection	Caster (deg.)	$1^{\circ}50' +45'$
		Camber (deg.)	$-0^{\circ}15' +45'$
		Toe-in - mm (in.)	2.0 ± 1 (mm)
	Service checking	Camber (deg.)	$-1^{\circ}10' +45'$
		Toe-in outside track-mm (in.)	1.0 ± 2 (mm)
		Toe-in - mm (in.)	1.0 ± 2 (mm)

* Indicates pre-set, adjustable, trend set or other.

Electrical - Instruments and Equipment

Speedometer	Type (analog, digital, std., opt.)	Digital (Std.), Analog (Opt)
	Trip odometer (std., opt., n.a.)	Std.
	Standard, optional, not available	Not available
Head-up display	Type	Secondary, opto-electronic
	Speedometer	Digital
	Status / warning indicators	Turn signals, high beam, low fuel, check gauges
	Brightness control	Day / night mode, adjustable
EGR maintenance indicator		None
Charge indicator	Type	Warning Light
	Warning device (light, audible)	Light
Temperature indicator	Type	Electronic Gauge (Std.), Electric Gauge (Opt)
	Warning device (light, audible)	None
Oil pressure indicator	Type	Warning Light
	Warning device (light, audible)	Light
Fuel indicator	Type	Electronic Gauge (Std.), Electric Gauge (Opt.)
	Warning device (light, audible)	Light
Windshield wiper	Type (standard)	Electric 2 Speed Intermittent
	Type (optional)	None
	Blade length	500 mm(LH) 475 mm(RH)
	Swept area cm ² (in. ²)	6170 cm ²
Windshield washer	Type (standard)	Electric
	Type (optional)	N.A.
	Fluid level indicator (light, audible)	Level Gauge
Rear window wiper, wiper/washer (std., opt., n.a.)		Std.
Horn	Type	Vibrator
	Number used	1
Other		

MVMA Specifications

Vehicle Line **NISSAN NX**
 Model Year **'91** Issued **100-10** Revised **...**

METRIC (U.S. Customary)

Engine Description
 Engine Code

GA16DE

SK20DE

Electrical - Supply System

Battery	Manufacturer	SHIN-KOBE, YUASA, MATSUSHITA, NIKON-DENCHI, FURUKAWA	
	Model, std. (opt.)	55D23L (Std), 80D26L (Cold)	
	Voltage	12V	
	Amps at 0°F cold crank	356 (55B23L), 582 (80D26L)	
	Minutes-reserve capacity	99 (55B23L), 133 (80D26L)	
	Amps/hrs -20 hr. rate	60 (55B23L), 68 (80D26L)	
Alternator	Location	ENG. ROOM 1 / H. FRONT	
	Manufacturer	HITACHI, MITSUBISHI	
	Rating (idle/max. rpm)	70A	80A
	Ratio (alt. crank rev.)	2.42	2.21
	Output at idle (rpm, bank)	30A	35A
Regulator	Optional (type & rating)	N.A.	
	Type	VIC REGULATOR	

Electrical - Starting System

Motor	Manufacturer	HITACHI, MITSUBISHI	MITSUBISHI
	Current drain (C/P)	N.A.	
	Power rating kw (hp)	0.8kw (CAL 2WD MT) / 1.2kw (Others) 1.4kw	
Motor drive	Engagement type	SOLENOID	
	Pinion engages from (front, rear)	M/T: REAR A/T: FRONT	REAR

Electrical - Ignition System

Type	Electronic (std., opt., n.a.)	Std.	
	Other (specify)	N.A.	
Coil	Manufacturer	HANASHIN	
	Model	SMC-1200	
	Current	Engine stopped - A	10A
		Engine idling - A	10.4A
Spark plug	Manufacturer	NGK	
	Model	BKR5E-11	PFR6B-11
	Thread (mm)	14 mm	19 mm
	Tightening torque (mm (lb. ft))	20-29 N.m	19.6-29.4 N.m
	Gap	1.0-1.1 mm	1.1 mm
Distributor	Number per cylinder	1	
	Manufacturer	HITACHI, MITSUBISHI	
	Model	D4P86-05/T4T74271	D4P88-03/T2T42171

Electrical - Suppression

Locations & type	RESISTANCE TYPE SPARK PLUG
------------------	----------------------------

MVMA Specifications

Vehicle Line NISSAN NX
Model Year '91 Issued '90-10 Revised ()

METRIC (U.S. Customary)

Body Type

Body

Structure

Monocoque Body

Bumper system
front - rear

FR: Urethane
RR: Polypropylene

Anti-corrosion treatment

Surface Treatment Steel Seat
Anti Corrosion Sealant
Anti Corrosion Wax

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)

Hood	Material & mass	Steel 15 kg
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Prop
	Release control (internal, external)	Internal
Trunk lid	Material & mass	
	Type (counterbalance, other)	
	Internal release control (elec., mech., n.a.)	N.A.
Hatch-back lid	Material & mass	
	Type (counterbalance, other)	Gas Spring
	Internal release control (elec., mech., n.a.)	Mech
Tailgate	Material & mass	
	Type (drop, lift, door)	
	Internal release control (elec., mech., n.a.)	
Vent window control (crank, friction, pivot, power)	Front	---
	Rear	---
Window regulator type (cable, tape, flex drive, etc.)	Front	Arm & Sector
	Rear	Arm & Sector
Seat cushion type (e.g., 60/40 bucket, bench, wire, foam, etc.)	Front	Urethane Foam
	Rear	Urethane Foam
	3rd seat	N.A.
Seat back type (e.g., 60/40, bucket, bench, wire, foam, etc.)	Front	Spring + Urethane Foam
	Rear	Urethane Foam
	3rd seat	N.A.

MVMA Specifications

Vehicle Line NISSAN NX
Model Year '91 Issued '90-10 Revised ()

METRIC (U.S. Customary)

Body Type

Restraint System

Seating Position		Left		Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.)	First seat	Std. 3point with (ELR) Retractor	NONE	Std. 3point with (ELR) Retractor
	Standard - optional	Second seat	Std. 3point with (ELR) Retractor	NONE	Std. 3point with (ELR) Retractor
		Third seat	NONE	NONE	NONE
Passive	Type & description (air bag, motorized - 2-point belt, fixed belt, knee bolster, manual - lap belt)	First seat	Std. SRS-Supplemental restraint system (Air bag), Knee bolster.	NONE	NONE
	Standard - optional	Second seat	NONE	NONE	NONE
		Third seat	NONE	NONE	NONE

Glass	SAE Ref. No.	
Windshield glass exposed surface area cm ² (in. ²)	S1	9316
Side glass exposed surface area cm ² (in. ²) - total 2-sides	S2	
Backlight glass exposed surface area cm ² (in. ²)	S3	10334
Total glass exposed surface area cm ² (in. ²)	S4	
Windshield glass (type)		Curved Laminated Plate
Side glass (type)		Curved Tempered Plate
Backlight glass (type)		Curved Tempered Plate

Headlamps

Description (sealed beam, halogen, replaceable bulb, etc.)	Halogen & Replaceable Bulb
Shape	Styled Type
Lo-beam type (2A1, 2B1, 2C1, etc.)	---
Quantity	2
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	---
Quantity	2

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	
---	--

MVMA Specifications

Vehicle Line NISSAN NX
Model Year '91 Issued '90-10 Revised ()

METRIC (U.S. Customary)

Body Type

Convenience Equipment (standard, optional, n.a.)

Air conditioning (manual, auto, temp control)

MANUAL

Clock (digital, analog)

Compass thermometer

Console (floor, overhead)

Defroster, elec. backlight

Diagnostic monitor (integrated, individual)

NONE

Instrument cluster (list instruments)

Keyless entry

NONE

Electronic

Trip/reminder (avg. spd., fuel)

NONE

Voice alert (list items)

NONE

Other

Fuel door lock (remote, key, electric)

REMOTE

Auto head on/off delay, dimming

Cornering

NONE

Courtesy (map, reading)

NONE

Door lock, ignition

Engine compartment

Lamps

Fog

Standard & Optional

Glove compartment

Trunk

Std.

Illuminated entry system (list lamps, activation)

Other

High Mount Stop Lamp (Std.)

Day / night (auto, man.)

Manual

Mirrors

L.H. (remote, power, heated)

Power

R.H. (convex, remote, power, heated)

Convex Power

Visor vanity (RH L.H. illuminated)

Navigation system (describe)

NONE

Parking brake-auto release (warning light)

MVMA Specifications

METRIC (U.S. Customary)

Body Type

Vehicle Line NISSAN NX
Model Year '91 Issued '90-10 Revised (r) _____

Convenience Equipment (standard, optional, n.a.)

Power equipment	Deck lid (release, pull down)		
	Door locks (manual, automatic, describe system)		STD: MANUAL OPT: AUTOMATIC
	Seats	2 - 4 - 6 way, etc.	NONE
		Reclining (R.H., L.H.)	NONE
		Memory (R.H., L.H., preset recline)	NONE
		Support (lumbar, hip, thigh, etc.)	NONE
		Heated (R.H., L.H., other)	NONE
	Side windows		OPT. (Power Window) SR20DE
	Vent windows		
	Rear windows		
Antenna (location, whip w. shield, power)		Front Fender Whip (OPT: +Rear Glass)	
Radio systems	Standard	NONE	
	Optional	AM, FM, stereo, tape, compact disc, graphic equalizer, then deterrent, radio prep package, headphone jacks, etc. AM/FM MPX AM/FM MPX with Cassette	
Speaker (number, location)		STD: NONE OPT: 4 Speakers (Front: Door, Rear: Rear Seat Side)	
Roof: open air or fixed (tilt-up, sliding, "T")		1 BAR "T"	
Speed control device		OPT.	
Speed warning device (light, buzzer, etc.)			
Tachometer (rpm)			
Telephone system (describe)			
Ther. deterrent system		Steering Lock	

Trailer Towing

Towing capable	Yes / No
Engine / transmission axle	Std / Opt
Tow class (I, II, III)*	Std / Opt
Max. gross trailer wgt. (lbs.)	Std / Opt
Max. trailer tongue load (lbs.)	Std / Opt
Towing package available	Yes / No

* Class I - 2,000 lbs. Class II - 3,500 lbs. Class III - 5,000 lbs.

MVMA Specifications

Vehicle Line

NISSAN NX

Model Year

'91

Issued

'90-10

Revised ()

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each vehicle line. SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100 "Motor Vehicle Dimensions," unless otherwise specified.

Body Type	SAE Ref. No.	GA16DE	SR20DE
Width			
Tread (front)	W101	1445	1435
Tread (rear)	W102	1425	1415
Vehicle width	W103	1680	
Body width at Sg RP (front)	W117	1665	
Vehicle width (front doors open)	W120	3855	
Vehicle width (rear doors open)	W121	---	
Turn-in angle (degrees)	W122	26°	
Outside mirror width	W410	1875	
Length			
Wheelbase	L101	2430	
Vehicle length	L103	4125	
Overhang (front)	L104	885	
Overhang (rear)	L105	811	
Upper structure length	L123	2616	
Rear wheel C.L. "X" coordinate	L127	2430	
Height*			
Passenger distribution (front/rear)	PD1,2,3	2/2	
Trunk/cargo load		34 kg	
Vehicle height	H101	1292	1290
Cowl point to ground	H114	890	
Deck point to ground	H138	969	
Rocker panel-front to ground	H112	175.0	
Rocker panel-rear to ground	H111	171.0	
Windshield slope angle (degrees)	H122		
Backlight slope angle (degrees)	H121		
Ground Clearance*			
Front bumper to ground	H102	233	
Rear bumper to ground	H104	236	
Bumper to ground front at curb mass (wt.)	H103	251	
Bumper to ground rear at curb mass (wt.)	H105	257	
Angle of approach (degrees)	H106	18.8°	
Angle of departure (degrees)	H107	15.98°	
Ramp breakover angle (degrees)	H147	13.09°	
Axle differential to ground (front/rear)	H153	141.7	
Min. running ground clearance	H156	133.0	
Location of min. run. grd. clear.		CAT (EXH)	

* All vehicle height and ground clearances are measured at the Manufacturer's Design Load Weight.

Manufacturer's Design Load Weight is defined with indicated passenger distribution and trunk/cargo load, unless otherwise specified. All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

Vehicle Line MASSANA 100
Model Year 1971 Issued 1971-10 Revised ---

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Body Type

	SAE Ref. No.	
Front Compartment		
ScRP front, "X" coordinate	L31	1344 (Dr.Seat) 1356 (As.Seat)
Effective head room	H61	940.5
Max. eff. leg room (accelerator)	L34	1055.6
ScRP to heel point	H30	226.3
ScRP to heel point	L53	839.4
Back angle (degrees)	L40	75°
Hip angle (degrees)	L42	93.07°
Knee angle (degrees)	L44	122.31°
Foot angle (degrees)	L46	88.29°
Design H-point front travel	L17	213.9 (Dr.Seat) 202 (As.Seat)
Normal driving & riding seat track trvl.	L22	213.9 (Dr.Seat) 202 (As.Seat)
Shoulder room	W3	
Hip room	W5	
Upper body opening to ground	H50	
Steering wheel maximum diameter	W9	ø380
Steering wheel angle (degrees)	H18	24°
Accel. heel pt. to steer. whl. cntr.	L11	
Accel. heel pt. to steer. whl. cntr.	H17	
Undepressed floor covering thickness	H67	20

Rear Compartment

ScRP point couple distance	L50	595.9
Effective head room	H63	895.1
Min. effective leg room	L51	652.1
ScRP (second to heel)	H31	278.8
Knee clearance	L48	
Shoulder room	W4	
Hip room	W5	990
Upper body opening to ground	H51	
Back angle (degrees)	L41	22°
Hip angle (degrees)	L43	78.18°
Knee angle (degrees)	L45	78.86°
Foot angle (degrees)	L47	112.67°
Depressed floor covering thickness	H73	14

Luggage Compartment

Usable luggage capacity (cu. ft.)	V1	N.A.
Liftover height	H195	1933

Interior Volumes (EPA Classification)

Vehicle class	I	Sub Compact
Interior volume index (cu. ft.)**	I	88.6
Trunk / cargo index (cu. ft.)	I	16.9

* See page 14

** Includes passenger and trunk / cargo index - see definition page 32.

All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

Vehicle Line

NISSAN NX

Model Year

'91

Issued

'90-10

Revised (+)

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Body Type

Station Wagon - Third Seat

SAE
Ref.
No.

Seat facing direction	SD1
ScRP couple distance	L85
Shoulder room	W85
Hip room	W86
Effective leg room	L86
Effective head room	H86
ScRP to heel point	H87
Knee clearance	L87
Back angle (degrees)	L88
Hip angle (degrees)	L89
Knee angle (degrees)	L90
Foot angle (degrees)	L91

Station Wagon - Cargo Space

Cargo length (open front)	L200	N.A.
Cargo length (open second)	L201	N.A.
Cargo length (closed front)	L202	N.A.
Cargo length (closed second)	L203	N.A.
Cargo length at belt (front)	L204	N.A.
Cargo length at belt (second)	L205	N.A.
Cargo width (wheelhouse)	W201	N.A.
Rear opening width at floor	W203	N.A.
Opening width at belt	W204	N.A.
Min. rear opening width above belt	W205	N.A.
Cargo height	H201	N.A.
Rear opening height	H202	N.A.
Tailgate to ground height	H250	N.A.
Front seat back to load floor height	H197	N.A.
Cargo volume index m ³ (ft. ³)	V2	N.A.
Hidden cargo volume index m ³ (ft. ³)	V4	N.A.
Cargo volume index-rear of 2-seat	V10	N.A.

Hatchback - Cargo Space

Cargo length at front seatback height	L208	1259.1
Cargo length at floor (front)	L209	1408.7
Cargo length at second seatback height	L210	696.4
Cargo length at floor (second)	L211	914.3
Front seatback to load floor height	H197	351.0
Second seatback to load floor height	H198	448.5
Cargo volume index m ³ (ft. ³)	V3	0.618 (21.8)
Hidden cargo volume index m ³ (ft. ³)	V4	0.012 (0.4)
Cargo volume index-rear of 2-seat	V11	0.477 (16.9)

All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

'METRIC (U.S. Customary)

Vehicle Line NISSAN NX
 Model Year '91 Issued '90-10 Revised (*)

Body Type

Vehicle Fiducial Marks

Fiducial Mark
Number*

Define Coordinate Location

Front

Rear

Fiducial
Mark
Number

Front	W21*	
	L54*	
	H81*	
	H161*	
	H163*	

Rear	W22*	
	L55*	
	H82*	
	H162*	
	H164*	

* Reference - SAE Recommended Practice, J182, Motor Vehicle Fiducial Marks.
 All linear dimensions are in millimeters (inches) unless otherwise noted.

Nissan North America, Inc.

Venice : 28

Model Year

issued 190-10

Rev'sec :

LESS SHIPPING

50 LBS

A/C

45 lbs.

** ETWC = Equivalent Test Weight Class - basis for U.S. Environmental Protection Agency emission certifications. Refer to ETWC code legend below for test weight class.

Equivalent test weight class = class for U.S. Equivalent
Refer to ETWC code appearing below for test weight class.

1000	I	2000	Q	3000	Y	4000
1125	J	2125	R	3125	Z	4250
1250	K	2250	S	3250	AA	4500
1375	L	2375	T	3375	BB	4750
1500	M	2500	U	3500	CC	5000
1625	N	2625	V	3625	DD	5250
1750	O	2750	W	3750	EE	5500
1875	P	2875	X	3875	FF	5750

*** Shipping Mass (weight) = Cure Weight Less: