MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1992

Manufacturer	Vehicle Line	
NISSAN MOTOR CO., LTD.	NISSAN NX	
Mailing Address 560-2, OKATSUKOKU, ATSUGI-SHI, KANAGAWA, 243-01, JAPAN	Issued '91-10	Revised

Direct questions concerning these specifications to the manufacturer listed above.

The information contained herein is prepared, distributed by, and is solely the responsibility of the vehicle manufacturing company to whose products it relates. This suggested specification form was developed by the vehicle manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

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

FORM MVMA-92

MVMA Specifications

METRIC (U.S. Customary)

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Ø **Indicates Format Change From Previous Year**

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 NX
Model Year '92 Issued '91-10 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 (Mfgr'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			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

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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
ENGINE	Engine Code		GA16DE	GA16DE	SR20DE	SR20DE
	Displacement Liters (in³)		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	Power kW (bhp)	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)
	Exhaust single, dual		SINGLE	SINGLE	DUAL	DUAL
TRANS	Transmission/ Transaxle		RS5F31A	RL4F03A	RS5F32V	RL4F03V
	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	

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Engine Description / Engine Code		GA16DE	SR20DE

ENGINE – GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)		INLINE FRONT TRANSVERSE	
Manufacturer		AICHI,NMMC	NISSAN
No. of cylinders		4	
Bore		26 mm	86 mm
Stroke		88 mm	86 mm
Bore spacing (C / L 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 cm³ (inches³)		32.0 cm3	46 cm3
Cylinder liner material		CAST IRON	
Head gasket thickness (compressed)		1.2 mm	
Minimum combustion chamber total volume cm³ (inches³)		47.0 mm	59 mm
Cyl. no. system (front to rear)*	L. Bank	1-2-3-4	
	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 4.4kg	CAST IRON 5.2kg
∅ Knock sensor (number & location)		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

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	

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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	VANADIWN 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 12.8 kg	VANADIWN 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 c/case, less filter-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	ALMINUM ALLOY						
By-pass recirculation type (inter., ext.)		INTERNAL						
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, HD	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	647 mm						
	Height	320 mm						
	Thickness	16 mm	25 mm			16mm	25mm	16mm
	Fins per inch	17	17	23	17	23	17	23
Radiator end tank material		Resin						
Fan	Std., elec., opt.	Ekect						
	Number of blades & type (flex, solid, material)	N.A.						
	Diameter & projected width	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 2050 Low 1600		1800		High 2300 Low 1750
	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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Engine Description / Engine Code	GA16DE	SR20DE

Engine – Fuel System (See supplemental page for detailes 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 (gal)/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	
	Attachment	
Auxiliary tank	Opt., n.a.	
	Capacity L (gallons)	
	Location & material	
	Attachment	
	Selector switch or valve	
	Separate fill	

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Engine Description / Engine Code	GA16DE	SR20DE

Vehicle Emission Control

			GA16DE	SR20DE
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.	PULSE
		Driven by	N.A.	
		Air distribution (head, manifold, etc.)	N.A.	FRONT TUBE
		Point of entry	N.A.	AIR CLEANER
	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 (in³)	1.7	
		Substrate type	MONOLITH	
		Noble metal type		
		Noble metal concentration (g/cm³)		
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

		GA16DE	SR20DE
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	ϕ42.7 × 2 t1.5
	Main o.d., wall thickness	ϕ42.7 FRONT HALF: t1.5 REAR HALF: t1.2	ϕ48.6 FRONT HALF: t1.5 REAR HALF: t1.5
	Material & Mass kg (weight lbs)	STAINLESS STEEL TUBE 3.0 kg	STAINLESS STEEL TUBE 4.2 kg
Intermediate pipe	o.d. & wall thickness	FRONT HALF: ϕ42.7 t2.0 REAR HALF: ϕ42.7 t1.2	ϕ48.6 FRONT HALF: t1.2 REAR HALF: t1.0
	Material & Mass kg (weight lbs)	Al COAT STEEL TUBE 3.6 kg	Al COAT STEEL TUBE 3.0kg
Tail pipe	o.d. & wall thickness	ϕ38.1 t1.2	ϕ48.6 t1.2
	Material & Mass kg (weight lbs)	STAINLESS STEEL TUBE 0.2kg	STAINLESS STEEL TUBE 0.2kg

* 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 4-speed (manufacturer/country)	N.A.
Manual 5-speed (manufacturer/country)	Std.
Manual 6-speed (manufacturer/country)	N.A.
Automatic (manufacturer/country)	N.A.
Automatic overdrive (manufacturer/country)	Std.

Manual Transmission/Transaxle

Number of forward speeds		5	
∅ Gear ratios	1st	3.333	3.063
	2nd	1.955	1.826
	3rd	1.286	
	4th	0.926	0.975
	5th	0.733	0.756
	6th	---	---
	Reverse	3.417	3.153
Synchronous meshing (specify gears)		1-2-3-4-5	
Shift lever location			
Trans. case matl. & mass kg (lbs)*		Aluminum Alloy 34.3	Aluminum Alloy 41.2
Lubricant	Capacity L (pt.)	2.9	3.5-3.7
	Type recommended	NISSAN MPG SPECIAL 80W-90	

Clutch (Manual Transmission)

Clutch manufacturer		ATSUGI	
Clutch type (dry, 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 mfgr. & material coding	HITACHI HN63Z2	
	Facing material & construction	SPILAL WOUND NON ASBESTOS	
	Rivets per facing	16V	
	Outside x inside dia. (nominal)	190 x 132	215 x 140
	Total eff. area cm^2($in.^2$)	147 cm2	209 cm2
	Thickness (pressure plate side/fly wheel side)	3.5/3.5	
	Rivet depth (pressure plate side/fly 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 / Engine Code	GA16DE	SR20DE

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	
	Ltr./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	
	5th	---	
	6th	---	
	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	2.0:1
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	236	
	Capacity factor "K"*		
Lubricant	Capacity refill L (pt.)	7	
	Type recommended	NISSAN Matic Fluid "D"	
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 ÷ $\sqrt{\text{Torque}}$

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

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Engine Description / Engine Code	GA16DE	SR20DE

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		
	No. of teeth — 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 L (pt.)	
	Type recommended	

Axle Shafts — Front Wheel Drive

Manufacturer and number used			2	
Type (straight, solid bar, tubular, etc.)		Left	Solid Bar	Solid Bar
		Right	Tubular	Solid Bar
Outer diam. x length* x wall thickness	Manual transaxle	Left	21 x 361	23 x 341
		Right	45 x 647 x 3.2	24 x 391
	Automatic transaxle	Left	21 x 361	23 x 341
		Right	45 x 647 x 3.2	24 x 391
	Optional transaxle	Left		
		Right		
Slip yoke	Type			
	Number of teeth			
	Spline o.d.			
Universal joints	Make and mfg. no.	Inner	NISSAN	
		Outer	NISSAN	
	Number used		2 Inner & 2 Outer	
	Type, size, plunge	Inner	TS79C	DS86(RH), TS86(LH)
		Outer	ZF90	BF86
	Attach (u-bolt, clamp, etc)		Attached by Car Clip	
	Bearing — Type (plain, anti-friction)			
	Bearing — Lubrication (fitting, prepack)			
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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Model Code/Description And/Or Engine Code/Description	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 only/4 wheel leveling	–
	Single/dual rate spring	–
	Single/dual ride heights	–
	Provision for jacking	–
Shock absorber damping controls	Standard/optional/not avail.	–
	Manual/automatic control	–
	Number of damping rates	–
	Type of actuation (manual/electric motor/air, etc.)	–
	Sensors: Lateral acceleration	–
	Sensors: Deceleration	–
	Sensors: Acceleration	–
	Sensors: Road surface	–
Shock absorber (front & rear)	Type	Hydraulic
	Make	ATSUGI, KAYABA, TOKIKO and MONROE
	Piston diameter	ø25
	Rod diameter	ø18

Suspension – Front

Type and description		Independent Strut Type	
Travel	Full jounce (define load condition)	75 mm	
	Full rebound	85.5 mm	
Spring	Type (coil, leaf, other & material)	Coil Spring Steel	
	Insulators (type & material)	Rubber Seat	
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	*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
Ø Stabilizer	Type (link, linkless, frameless)	LINK	
	Material & O.D. bar/tube, wall thickness	Carbon Steel, ø28.6	Carbon Steel, ø28

Suspension – Rear

Type and description		Independent Strut Type	
Travel	Full jounce (define load condition)	105 mm	
	Full rebound	95 mm	
Spring	Type (coil, leaf, other & material)	Coil Spring Steel	
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)	*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: No. of leaves	N.A.	
	If leaf: Shackle (comp. or tens.)	N.A.	
Ø Stabilizer	Type (link, linkless, frameless)	LINK	
	Material & O.D. bar/tube, wall thickness	Carbon Steel, ø10	Carbon Steel, ø15
Track bar (type)		N.A.	

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

GA16DE	SR20DE
321 x 119	298.5 x 118

MVMA Specifications

Vehicle Line NISSAN NX

Model Year '92 Issued '91-10 Revised (•)

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description

Brakes – Service

			GA16DE	SR20DE
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., hyd., etc.)			Integral	
Vacuum	Source (inline, pump, etc.)		Inline	
	Reservoir (volume in.³)		110.4(147.1)	147.1
	Pump-type (elec. gear driven, belt driven)		N.A.	
Traction control	Operational speed range			
	Type (engine or brake intervention)			
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 (yes, no)		(No)	
	Hydraulic power source (elec., vac. mtr., pwr. strg.)		(Electronic)	
Effective area cm²(in.²)*			172/204 (100)	152(176)/100
Gross Lining area cm²(in.²)**(F/R)			172/204 (100)	152(176)/100
Swept area cm²(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	HITACHI (AKEBONO)
		Lining code*****	HITACHI HP12H FE	HITACHI HP12H FE(AKEBONO ~~AP50 FF~~)
		Material	Molded Semi Metalic	Molded Semi Metalic ~~(Molded Non Asbestos)~~
		**** Primary or out-board	106 x 43 x 10	97.5x42.5x10(106.8x43.8x10)
		Size Secondary or in-board	106 x 43 x 10	97.5x42.5x10(106.8x43.8x10)
		Shoe thickness (no lining)	6.0	
	Rear wheel	Bonded or riveted (rivets/seg.)	Bonded	
		Manufacturer	AKEBONO	
		Lining code*****	AKEBONO A901 FF(AKEBONO ~~AP52 FF~~)	AKEBONO AP52 FF
		Material	Molded Non Asbestos	Molded Non Asbestos
		**** Primary or out-board	172.8x30x4.0(94x29x10)	94 x 29 x 10
		Size Secondary or in-board	172.8x30x4.0(94x29x10)	94 x 29 x 10
		Shoe thickness (no lining)	1.6 (6.0)	6.0

* 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 '92 Issued '91-10 Revised (•)

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description	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	14 x 5 1/2JJ
	Wheel offset		40	45
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	100	
		Number & size	M12 x 1.25 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	14 x 6JJ
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 ore 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 92 Issued '91-10 Revised (•) ____

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description

Steering

Manual (std., opt., n.a.)				N.A.
Power (std., opt., n.a.)				Std.
∅ Speed-sensitive (std., opt., n.a.)				---
∅ 4-wheel steering (std., opt., n.a.)				N.A.
Adjustable steering wheel/column (tilt, telescope, other)			Type	Tilt
			Manufacturer	F.K.K.
			(std., opt., n.a.)	Std.
Wheel diameter** (W9) SAE J1100			Manual	ø380
			Power	ø380
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.)	
Scrub 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	Type (coaxial, elec., hyd., etc.)			Integral Gear & Power Piston with Vane Type Pump
	Manufacturer			NISSAN
	Gear		Type	RACK & PINION
		Ratios	Gear	∞
			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	Type			PARALLELOGRAM
	Location (front or rear of wheels, other)			REAR
	Tie rods (one or two)			TWO
Steering axis	Inclination at camber (deg.)			
	Bearings (type)		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 23.

*1; 175/70R13
*2; 185/60R14,195/55R14

MVMA Specifications

Vehicle Line NISSAN NX
Model Year '92 Issued '91-10 Revised (-)

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	1°50' ±45'
		Camber (deg.)	-0°15' ±45'
		Toe-in outside track-mm (in.)	2.0 ∓1 (mm)
	Service reset*	Caster (deg.)	1°50' ∓45'
		Camber (deg.)	-0°15' ∓45'
		Toe-in - mm (in.)	2.0 ∓1 (mm)
	Periodic M.V. inspection	Caster (deg.)	1°50' ∓45'
		Camber (deg.)	-0°15' ∓45'
		Toe-in - mm (in.)	2.0 ∓1 (mm)
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	-1°10' ∓45'
		Toe-in outside track-mm (in.)	1.0 ∓2 (mm)
	Service reset*	Camber (deg.)	-1°10' ∓45'
		Toe-in - mm (in.)	1.0 ∓2 (mm)
	Periodic M.V. inspection	Camber (deg.)	-1°10' ∓45'
		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.
Head-up display	Standard, optional, not available		Not available
	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 cm²(in.²)		6170 cm²
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 '92 Issued '91-10 Revised (*)

METRIC (U.S. Customary)

Engine Code/Description	GA16DE	SR20DE

Electrical – Supply System

Battery	Manufacturer	SHIN-KOBE,YUASA,MATSUSHITA,NIHON-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)	
	Location	ENG ROOM L/H FRONT	
Alternator	Manufacturer	HITACHI, MITSUBISHI	
	Rating (idle/max. rpm)	70A	80A
	Ratio (alt. crank/rev.)	2.42	2.21
	Output at idle (rpm, park)	30A	35A
	Optional (type & rating)	N.A.	
Regulator	Type	IC REGULATOR	

Electrical – Starting System

Motor	Manufacturer	HITACHI, MITSUBISHI	MITSUBISHI
	Current drain ____ °C(°F)	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	HANSHIN	HANSHIN/MITSUBISHI
	Model	SMC-1200	SMC-200/f-097
	Current – Engine stopped – A	0A	
	Current – Engine idling – A	0.4A	
Spark plug	Manufacturer	NGK	
	Model	BKR5E-11	PFR6B-11
	Thread (mm)	14 mm	19 mm
	Tightening torque N-m (lb.-ft.)	20-29 N.m	19.6-29.4 N.m
	Gap	1.0-1.1 mm	1.1 mm
	Number per cylinder	1	
Distributor	Manufacturer	HITACHI, MITSUBISHI	
	Model	D4P86-05/T4T74271	D4P88-03/T2T42171

Electrical – Suppression

Locations & type	RESISTANCE TYPE SPARK PLUG

MVMA Specifications

Vehicle Line NISSAN NY
Model Year '92 Issued '91-10 Revised (-)

METRIC (U.S. Customary)

Model Code/Description

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.

Frame

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

MVMA Specifications

Vehicle Line NISSAN NX
Model Year '92 Issued '91-10 Revised (•) _____

METRIC (U.S. Customary)

Model Code/Description

Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.) Standard / optional	First seat	Std. 3point with (ELR) Retractor	NONE	Std. 3point with (ELR) Retractor
		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) Standard / optional	First seat	Std. SRS-Supplemental restraint system (Air bag), Knee bolster.	NONE	NONE
		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

MVMA Specifications

Vehicle Line NISSAN NX
Model Year '92 Issued '91-10 Revised (•)

METRIC (U.S. Customary)

Engine Code/Description		SR20DE	GA16DE
∅ **Climate Control System**			
Air conditioning (std., opt., man., auto.)		OPT MANUAL	
Condenser	Type	SERPENTINE	
	Eff. face area (sq. mm.)	206720	
	Fins per inch	14	
Evaporator	Type	DRAWN CUP	
	Eff. face area (sq. mm.)	52640	
	Fins per inch	12	
Heater core	Material	ALUMINUM	
	Eff. face area (sq. mm.)	29412	
	Fins per inch	28	
Compressor	Type	NVR 140S	
	Displacement (cc.)	140	
	Manufacturer	CALSONIC	
	A/C pulley ratio	1.084:1	0.92:1
Accumulator	Type	---	
	Height (mm.)	---	
	Diameter (mm.)	---	
Receiver	Type	CONICAL BOTTOM	
	Height (mm.)	195	
	Diameter (mm.)	60.5	
Refrigerant control (CCOT, TVS, etc.)		CCEV(TXV)	
Heater water valve (yes / no)		YES	
Refrigerant (R - 12, R - 134a, etc.)		R12	
Charge level (lbs. - oz.)		1.4-1.6	
Cold engine lockout switch (yes / no)		---	
Wide open throttle cutout switch (yes - no)		---	

MVMA Specifications

Vehicle Line NISSAN NX

Model Year '92 Issued '91-10 Revised (•)

METRIC (U.S. Customary)

Model Code/Description

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

Clock (digital, analog)		
Compass / thermometer		
Console (floor, overhead)		
Defroster, elec. backlight		---
Electronic	Diagnostic monitor (integrated, individual)	NONE
	Instrument cluster (list instruments)	
	Keyless entry	NONE
	Tripminder (avg. spd., fuel)	NONE
	Voice alert (list items)	NONE
	Other	
Fuel door lock (remote, key, electric)		REMOTE
Lamps	Auto head on / off delay, dimming	
	Cornering	NONE
	Courtesy (map, reading)	NONE
	Door lock, ignition	
	Engine compartment	
	Fog	Standard & Optional
	Glove compartment	
	Trunk	Std.
	Illuminated entry system (list lamps, activation)	
	Other	High Mount Stop Lamp (Std.)
Mirrors	Day / night (auto, man.)	Manual
	L.H. (remote, power, heated)	Power
	R.H. (convex, remote, power, heated)	Convex Power
	Visor vanity (RH / LH, illuminated)	
Navigation system (describe)		NONE
Parking brake-auto release (warning light)		

MVMA Specifications

Vehicle Line NISSAN NX
Model Year '92 Issued '91-10 Revised (•)

METRIC (U.S. Customary)

Model Code/Description

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		
Radio systems	Antenna (location, whip, w / shield, power)		Front Fender Whip (OPT: +Rear Glass)
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	NONE
	Optional		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 (flip-up, sliding, "T")			TBAR "T"
Speed control device			OPT
Speed warning device (light, buzzer, etc.)			
Tachometer (rpm)			
Telephone system (describe)			
Theft deterrent system			Steering Look

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 '92 Issued '91-10 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.

Model Code/Description	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	---	
Tumble-home (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.
Manufacturers 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 NISSAN NX
Model Year '92 Issued '91-10 Revised (•) _____

METRIC (U.S. Customary)
Vehicle Dimensions See Key Sheets for definitions

Model Code/Description

Front Compartment	SAE Ref. No.	
SgRP front, "X" coordinate	L31	1344(Dr.Seat) 1356(As.Seat)
Effective head room	H61	948.3
Max. eff. leg room (accelerator)	L34	1055.6
SgRP to heel point	H30	226.3
SgRP to heel point	L53	839.4
Back angle (degrees)	L40	25°
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.	L23	213.9(Dr.Seat) 202(As.Seat)
Shoulder room	W3	
Hip room	W5	
Upper body opening to ground	H50	
Steering wheel maximum diameter*	W9	ϕ380
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		
SgRP point couple distance	L50	595.9
Effective head room	H63	895.1
Min. effective leg room	L51	652.1
SgRP (second to heel)	H31	278.8
Knee clearance	L48	
Shoulder room	W4	
Hip room	W6	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 L (cu. ft.)	V1	N.A.
Liftover height	H195	933

Interior Volumes (EPA Classification)	
Vehicle class	Sub Compact
Interior volume index including trunk/cargo (cu. ft.)**	88.6
Trunk/cargo index (cu. ft.)	16.9

* See page 14.
** See definition page 33.
All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

Vehicle Line NISSAN NX
Model Yea: '92 Issued '91-10 Revised (•)

METRIC (U.S. Customary)
Vehicle Dimensions See Key Sheets for definitions

Model Code/Description

Station Wagon / MPV* – Third Seat	SAE Ref. No.	
Seat facing direction	SD1	N.A.
SgRP couple distance	L85	N.A.
Shoulder room	W85	N.A.
Hip room	W86	N.A.
Effective leg room	L86	N.A.
Effective head room	H86	N.A.
SgRP to heel point	H87	N.A.
Knee clearance	L87	N.A.
Back angle (degrees)	L88	N.A.
Hip angle (degrees)	L89	N.A.
Knee angle (degrees)	L90	N.A.
Foot angle (degrees)	L91	N.A.

Station Wagon / MPV* – 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.
∅ Cargo volume index*	V6	N.A.
∅ Cargo width at floor*	W500	N.A.
∅ Maximum cargo height*	H505	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.

*MPV - Multipurpose Vehicle

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line NISSAN NX

Model Year '92 Issued '91-10 Revised (*) _____

Model Code/ Description

Vehicle Fiducial Marks

Fiducial Mark Number*		Define Coordinate Location
Front(1)		
Front(2)		
Rear(1)		
Rear(2)		
Note: Provide 3 of 4 Fiducial Mark Locations		
Front	W21**	
	L54**	
	H81**	
	H161**	
	H153**	
Rear	W22**	
	L55**	
	H82**	
	H162**	
	H164**	

* Reference — SAE Recommended Practice, J182a, Motor Vehicle Fiducial Marks.
** Reference — SAE Recommended Practice J1100 - Motor Vehicle Dimensions.
All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line NISSAN NX

Model Year '92 Issued '91-10 Revised (-) _____

Code	Model	Vehicle Mass (weight)					% PASS MASS DISTRIBUTION			
		CURB MASS, kg. (lb.)*			SHIPPING MASS kg(lb)***	ETWC** Code	Pass in Front		Pass in Rear	
		Front	Rear	Total			Front	Rear	Front	Rear
GAYALVFB13EUA		659	407	1066			48.8	51.2	20.0	80.0
GAYALVAB13EUA		687	407	1094			48.8	51.2	20.0	80.0
GBYALWFB13EUA		695	426	1121			48.8	51.2	20.0	80.0
GBYALWAB13EUA		719	424	1143			48.8	51.2	20.0	80.0
HAYALVFB13EUA		672	419	1091			48.8	51.2	20.0	80.0
HAYALVAB13EUA		700	419	1119			48.8	51.2	20.0	80.0
HBYALWFB13EUA		709	437	1146			48.8	51.2	20.0	80.0
HBYALWAB13EUA		733	435	1168			48.8	51.2	20.0	80.0
GAYALVFB13EVA		659	407	1066			48.8	51.2	20.0	80.0
GAYALVAB13EVA		687	407	1094			48.8	51.2	20.0	80.0
GBYALWFB13EVA		695	426	1121			48.8	51.2	20.0	80.0
GBYALWAB13EVA		719	424	1143			48.8	51.2	20.0	80.0
HAYALVFB13EVA		672	419	1091			48.8	51.2	20.0	80.0
HAYALVAB13EVA		700	419	1119			48.8	51.2	20.0	80.0
HBYALWFB13EVA		709	437	1146			48.8	51/2	20.0	80.0
HBYALWAB13EVA		733	435	1168						

* Reference – SAE J1100 Motor vehicle dimensions, curb weight definition.

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

ETWC LEGEND

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

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

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MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line NISSAN NX

Model Year '92 Issued '91-10 Revised (•)

Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.)			Remarks Restrictions, Requirements
		Front	Rear	Total	

* Also see Engine - General Section for dressed engine mass (weight).