

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC(U.S.Customary)

1993

Manufacturer NISSAN MOTOR CO., LTD.	Vehicle Line NISSAN NX	
Mailing Address 560-2, OKATSUKOKU, ATSUGI-SHI, KANAGAWA, 243-01, JAPAN	Issued '92-9	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.

mvma

Motor Vehicle Manufacturers Association
of the United States, Inc.

Forms Provided by Technical Affairs Division

MVMA Specifications

METRIC (U.S. Customary)

Table of Contents

	1	Vehicle Models / Origin	Ø Indicates Format Change From Previous Year
Ø	2	Power Teams	
	3	Engine	
	4	Lubrication System	
	4	Diesel Information	
Ø	5	Cooling System	
	6	Fuel System	
	7	Vehicle Emission Control	
	7	Exhaust System	
Ø	8 - 10	Transmission, Axles and Shafts	
	11	Suspension	
Ø	12 - 13	Brakes, Tires and Wheels	
	14	Steering	
	15 - 16	Electrical	
	17	Body - Miscellaneous Information	
	17	Frame	
	18	Restraint System	
Ø	18	Glass	
	18	Headlamps	
	19	Climate Control System	
Ø	20 - 21	Convenience Equipment	
	21	Trailer Towing	
	22 - 24	Vehicle Dimensions	
	25	Vehicle Fiducial Marks	
	26	Vehicle Mass (Weight)	
	27	Optional Equipment Differential Mass (Weight)	
	28 - 34	Vehicle Dimensions Definitions- Key Sheets	
	35	Index	

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 N X
Model Year '93 Issued '92 - 9 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 (Mfr'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	4 (2/2)	34 kg (75 lbs)	28 / 38
						27 / 36
		2WD	SR20DE 2000			23 / 31
						23 / 29
	TBAR	2WD	GA16DE 1600			28 / 38
						27 / 36
		2WD	SR20DE 2000			23 / 31
						23 / 29
Cal	COUPE	2WD	GA16DE 1600	4 (2/2)	34 kg (75 lbs)	28 / 38
						27 / 36
		2WD	SR20DE 2000			23 / 31
						23 / 29
	TBAR	2WD	GA16DE 1600			28 / 38
						27 / 36
		2WD	SR20DE 2000			23 / 31
						23 / 29

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

MVMA Specifications

Vehicle Line NISSAN NX
Model Year '93 Issued '92 - 9 Revised()

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.

ENGINE			A	B	C	D
	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)
TRANS	Exhaust single, dual		SINGLE	SINGLE	DUAL	DUAL
	Transmission / Transaxle		RS5F31A	RL4F03A	RS5F32V	RE4F03V
TRANS	Effective Final Drive/ Axle Ratio (std. first)		4.167	3.827	4.176	3.827

Series Availability		Power Teams (A - B - C - D)	
Model		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

METRIC(U.S.Customary)

Vehicle Line NISSAN NX
Model Year 93 Issued 92-9 Revised()

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 cm ³ (inches ³)	32 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 cm ³	59 cm ³
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 6.0 kg	Aluminum Alloy 3.5 kg
Exhaust manifold material & mass kg(lbs.)**	Cast Iron 4.4 kg	Cast Iron 5.2 kg
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 Mount : 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 1.8 kg Exh 1.7 kg	Cast Iron 2 kg
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) included the following :

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

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line NISSAN NX
Model Year '93 Issued '92 - 9 Revised(-)

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 0.529kg	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 12.8kg	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	Acrylic 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	Type
nozzle	Opening pressure kPa (psi)
Pre - chamber design	
Fuel in -	Manufacturer
jection pump	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

MVMA Specifications

Vehicle Line **NISSAN NX**
 Model Year **'93** Issued **'92 - 9** Revised()

METRIC(U.S.Customary)

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	Type (choke.bypass)	BYPASS							
thermostat	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	With heater - L(qt.)	5.3	5.5	5.8	6.0				
system	With air conditioner - L(qt.)	5.3	5.5	5.8	6.0				
capacity	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,brze,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							
Ø Fan.	Std., elec.,opt.	Elec.							
	Number of blades & type (flex,solid,material)	N. A.							
	Number & location (front, rear of radiator)								
	Diameter & projected width	300 mm							
	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		1800	High 2300 Low 1750			
	Motor rating (wattage / elec.)	70 W	110 W		70W	160w			
	Motor switch (type & location / elec.)	Electrical - ECCS Control							
	Switch point (temp./pressure/elec.)	Electrical - Eccs Control 91°C at Idle 91°C at Idle (Low) 100°C at Idle 195°C at Idle(Low)							
	Fan shroud (material)	Resin							

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line NISSAN NX

Model Year '93 Issued '92 - 9 Revised()

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, /low	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, Carb	
	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			

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line NISSAN N X
Model Year '93 Issued '92 - 9 Revised()

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.	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 (in ³)	1.7	
		Substrate type	Monolith	
		Noble metal type		
		Noble 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)		Muffler2 1. Expansion with Glass Wool 2. Expansion and Reverse Flow with Resonator	
Resonator no. & type		None	
Exhaust pipe	Branch o.d., wall thickness	None	φ 42.7 x 2 11.5
	Main o.d., wall thickness	φ 42.7 Front Half : 11.5 Rear Half : 11.2	φ 48.6 Front Half : 11.5 Rear Half : 11.2
	Material & Mass kg (weight lbs)	Stainless Steel Tube 3.0 kg	Stainless Steel Tube 4.2 kg
Inter- mediate pipe	o.d. & wall thickness	Front Half : φ 45 12.0 Rear Half : φ 42.7 11.2	φ 48.6 Front Half : 11.2 Rear Half : 12.0
	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	φ 38.1 11.2	φ 48.6 11.2
	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	1.7 kg	1.8 kg
2	3.1 kg	5.3kg

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line **NISSAN NX**
Model Year **'93** Issued **'92 - 9** Revised()

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	5
Gear rations	1st	3.333	3.063
	2nd	1.955	1.826
	3rd	1.286	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	1, 2, 3, 4, 5
Shift lever location		Floor Mounted	Floor Mounted
Trans.case mat'l. & 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 UNISIA	
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)		3825 (N)	4413 (N)
Clutch facing	Facing mfr.& material coding	HITACHI HN63Z2	NISSHINBO NN63
	Facing material & construction	SPILAL WOUND NON ASBESTOS	
	Rivets per facing	16V	
	Outside x inside dia.(nominal)	190X132	215X140
	Total eff.area cm ² (in ²)	147cm ²	209cm ²
	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.

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line NISSAN NX
Model Year '93 Issued '92 - 9 Revised()

Engine Description
Engine Code

GA16DE

SR20DE

Automatic Transmission/Transaxle

Trade Name

NISSAN MATIC (RL4F03A)

NISSAN MATIC (RE4F03V)

Type and special features(describe)

Look Up Torque Converter With Automatically Operated Planetary Gear

Shift mechanics

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	
	Reverse	2.310	
	Final drive ratio	3.827	

Max. upshift vehicle speed - drive range km/h(mph)

150

168

Max. upshift engine speed RPM

5700

6390

Max.kickdown speed - drive range km/h(mph)

153

164

Min.overdrive speed km.h(mph)

35

28

Torque converter	Type	WITH LOCK-UP CLUTCH	WITH LOCK-UP CLUTCH
	Torus design	Flat Type	Flat Type
	Number of elements	3	3
	Max. ratio at stall	2.6 : 1	2.0 : 1
	Type of cooling (air,liquid)	Liquid	Liquid
	Nominal diameter	236 mm	236 mm
	Capacity factor "K"		

Pump type

Trochoid type

Lubricant	Capacity refill L (Pt.)	7	
	Type recommended	Dexron Automatic Transmission Fluid 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.

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line NISSAN NX

Model Year '93 Issued '92 - 9 Revised()

Engine Description
Engine Code

GA16DE		SR20DE	
M / T	A / T	M / T	A / T

Axle Ratio and Tooth Combinations

(See 'Power Teams' for axle ratio usage)

Effective final drive ratio (or overall top gear ratio)		4.167	3.827	4.176	3.827
Transfer ratio and method (chain,gear, etc.)		N. A.			
From drive unit	Ring gear o.d.	198.9	200.0	198.6	200.0
	No. of Pinion	18	21	17	21
	teeth Ring gear	75	76	71	76

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	NTN
		Outer	NISSAN	NTN
	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 Cir Clip	
	Bearing	Type (plain, anti-friction)		
		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

MVMA Specifications

Vehicle Line **NISSAN NX**

Model Year **'93**

Issued

'92-9

Revised(-)

METRIC(U.S.Customary)

Engine Description

Engine Code

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/option/not avail	—
	Manual/automatic control	—
	Number of damping rates	—
	Type of actuation(manual/ electric motor /air,etc)	—
	sensors	Lateral acceleration
		Deceleration
		Acceleration
		Road surface
Shock absorber (front & rear)	Type	Hydraulic
	Make	ATSUGI, KAYABA, TOKIKO and MONROE
	Piston diameter	φ 25
	Rod diameter	φ 18

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.)]	19.7 N/mm	21.4 N/mm
Stabilizer	Type(link,linkless,frameless)	LINK	
	Material & O.D.bar/tube,wall thickness	Carbon Steel, φ 28.6	Carbon Steel, φ 28

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.)]	18.3 N/mm	22.2 N/mm
	Insulators (type & material)	Rubber Seat	
	If leaf	No. of leaves	N. A.
		Shackle(comp.or tens.)	N. A.
Stabilizer	Type (link,linkless,frameless)	LINK	
	Material & O.D.bar/tube,wall thickness	Carbon Steel, φ 10	Carbon Steel, φ 15
Track bar(Type)		N. A.	

MVMA Specifications

METRIC(U.S.Customary)

Model Code/Description And/Or
Engine Code/Description

Vehicle Line **NISSAN NX**

Model Year '93 Issued '92-9 Revised()

GA16DE

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., hyd., etc)			Integral		
Vacuum	Source (inline, pump, etc)		Inline		
	Reservoir (volume in ³)		147.1	147.1	
	Pump-type (elec, gear driven, belt driven)		N. A.		
Traction	Operational speed range				
assist	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. stg.)			(Electronic)		
Effective area cm ² (in.)*			172/204 (100)	152 (176) /100	
Gross Lining area cm ² (in.)**(F/R)			172/204 (100)	152 (176) /100	
Swept area cm ² (in)*** (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(26)/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 / *1	HITACHI HP12H FE (AKEBONO AP50 EF)
		Material		Molded Semi Metallic / *2	Molded Semi Metallic (Molded Non Asbestos)
		**** Primary or out - board	106 X 43 X 10	97.5 X 42.5 X 10 (106.8 X 43.8 X 10)	
		Size Secondary or in - board	106 X 43 X 10	97.5 X 42.5 X 10 (106.8 X 43.8 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)	AKEBONO AP52 FF
		Material		Molded Non Asbestos	
		**** Primary or out - board	172.8 X 30 X 4.0 (94 X 29 X 10)	94 X 29 X 10	
		Size Secondary or in - board	172.8 X 30 X 4.0 (94 X 29 X 10)	94 X 29 X 10	
		Shoe thickness (no lining)		1.6 (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

METRIC(U.S.Customary)

Model Code/Description And/Or
Engine Code/Description

Vehicle Line **NISSAN NX**

Model Year **'93** Issued **'92 - 9** Revised()

GA16DE

SR20DE

Tires And Wheels (Standard)

Ø Tires	Size(Service description)		P175 / 70R13 82S	P185 / 60R14 82H
	Type(bias,radial,steel,nylon,etc)		Radial	
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	220 (32)	240 (35)
		Rear kPa (psi)	200 (29)	210 (30)
	Rev./mile-at 70km/h(45 mph)		925	921
Ø 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 & nut)	Stud	
		Circle diameter	100	
Spare	Number & size		M12 X 1.25 X 4Hex Nuts	
	Tire and wheel		T115 / 70D14 14 X 4T	T135 / 70D15 15 X 4T
	Storage position & location (describe)			

Tires And Wheels (Optional)

Ø Tire size (service description)	N. A.	185 / 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
Ø Tire size (service description)		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
Ø Tire size (service description)		
Type (bias,radial,steel,nylon,etc)		
Wheel(type & material)		
Rim (size,flange type and offset)		
Ø Tire size (service description)		
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 '93 Issued '92 - 9 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 (std.,opt.,n.a.)	F. K. K.		
Wheel diameter** (W9) SAE J1100		Manual			
		Power	ø 380 mm		
Turning diameter m (ft.)	Outside front	Wall to wall(l. & r.)			
		Curb to curb(l. & r.)	4.7 (*1)	5.2 (*2)	
	Inside rear	Wall to wall (l. & r.)			
		Curb to curb(l. & r.)			
Scrub Radius*				-2.9 (*2)	2.1 (*1)
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		UNISIA		
	Gear	Type	RACK & PINION		
		Ratios	Gear	∞	
		Overall	16.5		
	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

METRIC(U.S.Customary)

Vehicle Line NISSAN NX

Model Year '93 Issued '92 - 9 Revised()

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±2 (mm)
	Service reset*	Caster (deg.)	1° 50'±45'
		Camber(deg.)	-0° 15'±45'
		Toe-in-mm(in.)	2.0±1 (mm)
	Periodic M.V. in-spection	Caster (deg.)	1° 50'±45'
		Camber(deg.)	-0° 15'±45'
		Toe-in-mm(in.)	2.0±2 (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.in-spection	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

Electrical Equipment and Equipment			
Speed-ometer	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	N. A.
	Speedometer	Digital	N. A.
	Status / warning indications	Turn signals, high beam, low fuel, check gauges	N. A.
	Brightness control	Day / night mode, adjustable	N. A.
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
Wind-shield 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
Wind-shield 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

METRIC(U.S.Customary)

Vehicle Line **NISSAN NX**
 Model Year **'93** Issued **'92 - 9** Revised()

Engine Code/Description

GA16DE

SR20DE

Electrical - Supply System

Battery	Manufacturer	SHIN-KOBE, YUASA, MATSUSHITA, GS, FURUKAWA	
	Model, std., (opt)	55D23L (GASTD) 65D26L (SR CANSTD) 80D26L (SR : CAL STD + COLD OPT.)	
	Voltage	12 V	
	Amps at 0° F cold crank	356 (55D23L)	413 (65D26L) 582 (80D26L)
	Minutes-reserve capacity	99 (55D23L)	113 (65D26L) 133 (80D26L)
	Amps/hrs.-20 hr.rate	60 (55D23L)	65 (65D26L) 68 (80D26L)
	Location	Engine Room Compartment	
Alternator	Manufacturer	HITACHI, MITSUBISHI	
	Rating (idle/max.rpm)	70 A	80 A
	Ratio (alt. crank/rev)	2.42	2.21
	Output at idle (rpm.park)	30 A	50 A
	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)	0.8 kw (CAL 2WD M/T) 1.2 kw (others)	1.4 kw
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	0 A
		Engine Idling - A	0.4 A
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
Distributor	Number per cylinder	1	
	Manufacturer	HITACHI, MITSUBISHI	
Distributor	Model	D4P86-05 / T4T74271	D4P88-03 / T2T42171

Electrical - Suppression

Locations & type	Resistance Type Spark Plugs
------------------	-----------------------------

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line NISSAN NX

Model Year 93 Issued 92-9 Revised()

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	Steel + Glass
	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	—
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

METRIC(U.S.Customary)

Vehicle Line NISSAN NX
Model Year '93 Issued '92-9 Revised()

Model Code/Description

Restraint System

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

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	
Ø Windshield glass (type/thickness)			Curved Laminated Plate
Ø Side glass (type/thickness)			Curved Tempered Plate
Ø Backlight glass (type/thickness)			Curved Tempered Plate
Ø Tinted (yes/no, location)			
Ø Solar control (yes / no, coated/batched, location)			

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

METRIC(U.S.Customary)

Vehicle Line NISSAN NX

Model Year '93 Issued '92-9 Revised()

Engine Code/Description

SR20DE

GA16DE

Climate Control System

Air conditioning (std.,opt.,man.,auto)		Opt.
		Man.
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	12.7
Heater core	Material	ALUMINUM
	Eff. face area (sq. mm.)	29412
	Fins per inch	28.2
Compressor	Type	Vane Rotary
	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

METRIC(U.S.Customary)

Vehicle Line NISSAN NX

Model Year '93 Issued '92-9 Revised()

Model Code/Description

--

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

	Clock (digital,analog)	digital
	Compass / thermometer	None
	Console (floor,overhead)	—
Ø	Defroster, electric windshield	
	Defroster,electric. 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	Optional
	Glove compartment	
	Trunk	Std.
	Illuminated entry system (list lamps,activation)	
	Other	High, Mount Stop Lamp (Std)
Mirrors	Day / night (auto.man.)	Man
	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

METRIC(U.S.Customary)

Vehicle Line NISSAN NX

Model Year '93 Issued '92-9 Revised()

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 : AUTO Matic (SE GRADE)
	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 : AUTO Matic (SE GRADE)
	Vent windows		NONE
	Rear windows		NONE
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, headphones 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")		
Speed control device			Opt.
Speed warning device(light,buzzer,etc)			None
Tachometer(rpm)			8000 rpm (GA16DE) 9000rpm (SR20DE)
Telephone system (describe)			None
Theft 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 - 3,500lbs

Class III - 5,000 lbs

MVMA Specifications

Vehicle Line N I S S A N N X
 Model Year '93 Issued '92-9 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 Sq 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	1873	

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 vehicl 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

METRIC(U.S.Customary)

Vehicle Dimensions See Key Sheets for definitions

Vehicle Line NISSAN NX

Model Year '93 Issued '92-9 Revised()

Model Code/Description

	SAE Ref. No.		
Front Compartment			
SgRP front,"X" coordinate	L31	1344 (DR. Seat)	1356 (As. Seat)
Effective head room	H81	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	ø 380 mm	
Steering wheel angle(degrees)	H18	24°	
Accel. heel pt. to steer.whl.cnt	L11	425	
Accel. heel pt. to steer.whl.cnt	H17	620.1	
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

METRIC(U.S.Customary)

Vehicle Dimensions See Key Sheets for definitions

Vehicle Line NISSAN NX
Model Year '93 Issued '92-9 Revised(-) _____

Model Code/Description

SEA
Ref.
NO.

Station Wagon / MPV* - Third Seat

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 '93 Issued '92-9 Revised() _____

Model Code/
 Description

Vehicle Fiducial Marks

Fiducial Mark Number*		Define Coordinate Location	
Front(1)		The Locating Hole (φ 16) on the 1st Cross Member.	
Front(2)			
Rear(1)		The Locating Hole (φ 16) on the Extension Rear Side Member	
Rear(2)			
Note: Provide 3 of 4 Fiducial Mark Locations			
Front	W21**	0	
	L54**	- 640	
	H81**	24.8	
	H161**		
	H163**		
		RH	LH
Rear	W22**	- 539	470
	L55**	2911	2911
	H82**	136.6	136.6
	H162**		
	H164**		

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

METRIC(U.S.Customary)

Vehicle Line N I S S A N N X

Model Year	'93	Issued	'92-9	Revised (1)
------------	-----	--------	-------	-------------

[illegible]

*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 calss.

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:

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line N I S S A N N X

Model Year '93 Issued '92-9 Revised ()

[illegible]

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