

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC(U.S.Customary)

1993

Manufacturer NISSAN MOTOR CO., LTD.	Vehicle Line NISSAN 240SX	
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.

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

mvma

Motor Vehicle Manufacturers Association
of the United States, Inc.

Forms Provided by Technical Affairs Division

MVMA Specifications

METRIC (U.S. Customary)

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NOTE :

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

MVMA Specifications

Vehicle Line NISSAN 240SX
 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)
California Models	COUPE		MLS13FV	4 (2 / 2)	16 (35.2)	22 / 28
	HATCHBACK		MLS13AV			21 / 27
			RMLS13FV			22 / 28
			RMLS13AV			21 / 27
			RMLKS13FV			22 / 28
			RMLKS13AV			21 / 27
Non- California	COUPE		MLS13FU	4 (2 / 2)	16 (35.2)	22 / 28
	HATCHBACK		MLS13AU			21 / 27
			RMLS13FU			22 / 28
			RMLS13AU			21 / 27
			RMLKS13FU			22 / 28
			RMLKS13AU			21 / 27

*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	KA24DE	KA24DE		
	Displacement Liters (in³)	2.389	2.389		
	Induction system (FI, Carb,etc.)	EFI	EFI		
	Compression ratio	9.5	9.5		
	SAE Net at RPM	Power kW(bhp)	116 / 5600		
		Torque N • m(lb. ft.)	217 / 4400		
TRANS	Exhaust single,dual	Dual	Dual		
	Transmission / Transaxle	FS5W71C	RE4R01A		
	Effective Final Drive/ Axle Ratio (std.first)	4.083	4.083		

Series Availability		Power Teams(A - B - C - D)	
Model		Standard	Optional
MLS13FV		A	- - -
MLS13AV		B	- - -
RMLS13FV		A	- - -
RMLS13AV		B	- - -
RMLKS13FV		A	- - -
RMLKS13AV		B	- - -
MLS13FU		A	- - -
MLS13AU		B	- - -
RMLS13FU		A	- - -
RMLS13AU		B	- - -
RMLKS13FU		A	- - -
RMLKS13AU		B	- - -

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Vehicle Line NISSAN 240SX
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Engine Description
Engine Code

All Models

ENGINE - GENERAL

Type & description(inline,V, angle, flat,location,front,mid,rear, transverse,longitudinal,sohc,dohc, ohv,hemi,wedge,pre-chamber,etc.)	Inline DOHC Front Longitudinal Pent-roof
Manufacturer	NISSAN
No. of cylinders	4
Bore	89 mm
Stroke	96 mm
Bore spacing (C / L to C / L)	96 mm - 98 mm - 96 mm
Cylinder block maerial & mass kg(lbs.)(machined)	Cast Iron 52 kg
Cylinder block deck height	247 mm
Cylinder block length	426 mm
Deck clearance (minimum) (above or below block)	0 mm
Cylinder head material & mass kg (lbs.)	Aluminum Alloy 12 kg
Cylinder head volume cm ³ (inches ³)	45.7 cm ³
Cylinder liner material	N.A.
Head gasket thickness (compressed)	1.2 mm
Minimum combustion chamber total volume cm ³ (inches ³)	70.2 cm ³
Cyl.no.system	L.Bank
(front to rear) *	R.Bank
Firing order	1 - 2 - 3 - 4
Intake manifold material & mass kg(lbs.)**	Aluminum Alloy 7.2 kg
Exhaust manifold material & mass kg(lbs.)**	Cast Iron 6.3 kg
Knock sensor (number & location)	1
Fuel required unleaded, diesel,etc.	Unleaded
Fuel antiknock index (R + M) + 2	No Less Than 87 (Recomended Fuel At Least 91)
Engine mounts	Quantity 3
	Material and type(elastomeric, hydroelastic,hydraulic damper,etc.) Elastomeric 1 Hydroelastic 2
	Added isolation (sub-frame, crossmember,etc.) Rr Member
Total dressed engine mass(Wt)dry***	162 kg (M/T) 156 kg (A/T)

Engine - Pistons

Material & mass, g (weight,oz.) - piston only	Aluminum Alloy 369 g
--	----------------------

Engine - Camshaft

Location	Cylinder Head
Material & mass kg(weight,lbs)	Cast Iron 2.1 kg X 2
Drive type	Chain / belt
	Chain
	Width / pitch 14.0 mm / 9.525 mm + 25.7 mm / 9.525mm (2 Stage)

* 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 :

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Engine Description
Engine Code

All Models

Engine - Valve System

Hydraulic lifters(std. opt.n.a.)	N.A.
Valves	Number intake / exhaust
	Head O.D. intake / exhaust

2 / 2

36.5 mm / 31.2 mm

Engine - Connecting Rods

Material & mass kg..(weight.lbs)*	Forged Steel 0.654 kg
Length(axes C / L to C / L)	165 mm

Engine - Crankshaft

Material & mass kg..(weight.lbs)*	Forged Steel 17.1 kg
End thrust taken by bearing (no.)	No. 3
Length & number of main bearings	508.5 mm 5
Seal(material,one,two piece design,etc.)	Front Rear

Acryl Rubber Piece

Flourine And Acryl Rubber One piece

Engine - Lubrication System

Normal oil pressure kPa (Psi) at engine rpm	294 KPa at 2000 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.)	3.5 L

Engine - Diesel Information

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

Engine - Intake System

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

*Finished State

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All Models

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)
thermostat	Starts to open at °C(F)
	Type (centrifugal, other)
	GPM 1000 pump rpm
	Number of pumps
Water	Drive(V - belt,other)
pump	Bearing type
	Impeller material
	Housing material
By - pass recirculation type(inter.,ext.)	External
Cooling	With heater - L(qt.)
system	With air conditioner - L(qt.)
capacity	Opt.equipment specify - L(qt.)
Water jackets full length of cyl.(yes .no)	Yes
Water all around cylinder(yes,no)	No
Water jackets open at head face (yes,no)	No
	Std., A / C, HD
	Type (cross - flow,etc.)
	Construction(fin & tube mechanical,brake,etc.)
Radiator	Material, mass kg (wgt.,lbs)
core	Width
	Height
	Thickness
	Fins per inch
Radiator end tank material	Aluminum & Resin
	Std., elec.,opt.
	Number of blades & type (flex,solid,material)
	Number & location (front, rear of radiator)
	Diameter & projected width
	Ratio(fan to crankshaft rev.)
Ø Fan	Fan cutout type
	Drive type(direct,remote)
	RPM at idle (elec.)
	Motor rating (wattage / elec.)
	Motor switch (type & location / elec.)
	Switch point (temp./pressure/elec.)
	Fan shroud (material)

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Engine Description
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All Models

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		13.3
Fuel injection	Point of injection (no.)	4
	Constant, pulse, flow	Pulse
	Control (electronic, mech.)	Electronic
	System pressure kPa (psi)	299 Kpa
Idle spd. - rpm (spec. neutral or drive and propane if used)	Manual	700 rpm
	Automatic	700 rpm (N or P range)
Intake manifold heat control (exhaust or water thermostatic or fixed)		N.A.
Air cleaner type		Paper Element
Fuel filter (type / location)		Paper Element / Engine Room
Fuel pump	Type (elec. or mech.)	Elec
	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)		60 L (15.9 Gallons)
Location (describe)		Under Rear Floor
Attachment		Fastened with Belts
Material & Mass kg (weight lbs.)		Carbon Steel Tin-Lead Coat 12.8 kg
Filler pipe	Location & material	At the Right Rear Fender, Carbon Steel
	Connection to tank	Fastened with bolts
Fuel line (material)		Carbon Steel and Rubber
Fuel hose (material)		Rubber
Return line (material)		Carbon Steel and Rubber
Vapor line (material)		Carbon Steel and Rubber
Extended range tank	Opt., n.a.	N.A.
	Capacity L (gallons)	N.A.
	Location & material	N.A.
	Attachment	N.A.
Auxiliary tank	Opt., n.a.	N.A.
	Capacity L (gallons)	N.A.
	Location & material	N.A.
	Attachment	N.A.
	Selector switch or valve	N.A.
Separate fill		N.A.

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All Models

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		SMPI / EGR / PAIR / TWC / O2S
	Air Injection	Pump or pulse	Pulse
		Driven by	N.A.
		Air distribution (head, manifold, etc.)	Exhaust Front Tube
		Point of entry	Air Cleaner Clean Side
	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 L
		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)		To Intake Manifold
	Air inlet (breather cap, other)		Air Duct
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)		Dual With Converter		
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs)		Ctr no.1: Straight thru. Al Coat Steel 0.9 kg	Ctr no.2: Resonator Al Coat Steel 2.3 kg	Rr: One Reverse flow with Resonator Al Coat Steel 6.2kg
Resonator no. & type				
Exhaust pipe	Branch o.d., wall thickness		(φ 45, 12.0) × 2	
	Main o.d., wall thickness		φ 54, 12.0	
	Material & Mass kg (weight lbs)		Stainless Steel Tube 4.2 kg	
Intermediate pipe	o.d. & wall thickness		φ 50.8, 11.5	
	Material & Mass kg (weight lbs)		Stainless Steel Tube 3.0 kg	
Tail pipe	o.d. & wall thickness		(φ 38.1, 11.2) × 2	
	Material & Mass kg (weight lbs)		Stainless Steel Tube 0.3 kg	

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Engine Code

All Models

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 rations	1st	3.321
	2nd	1.902
	3rd	1.308
	4th	1.000
	5th	0.759
	6th	
	Reverse	3.382
Synchronous meshing(specify gears)		1 - 2 - 3 - 4 - 5
Shift lever location		Floor Mounted
Trans.case mat'l. & mass kg(lbs)*		Aluminum Alloy 45
Lubricant	Capacity L (pt)	2.4 L
	Type recommended	NISSAN GEAR OIL (Multi Special) 75W90

Clutch (Manual Transmission)

Clutch manufacturer		ATSUGI
Clutch type(dry,wet:single,multiple disc)		Dry Single Disc
Linkage(hydraulic,cable,rod,lever,other)		Hydraulic
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)		450 kg
Clutch facing	Facing mfg.& material coding	AKEBONO AA61Z2
	Facing material & construction	Spiral Wound Asbestos
	Rivets per facing	16 V
	Outside x inside dia.(nominal)	225 X 150
	Total eff.area cm ² (in.)	221
	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 Spring
Release bearing type & method lub.		Ball Bearing Sealed Type
Torsional damping method, springs,hysteresis		Coil Springs and Friction Washers

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

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Engine Description
Engine Code

All Models

Automatic Transmission/Transaxle

Trade Name		Full Range EAT (RE4R01A)
Type and special features(describe)		4 speed with Lock Up Torque Converter, Electronic Control
Shift mechanics		Mechanical Shift Electronic Control
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	2.785
	2nd	1.545
	3rd	1.000
	4th	0.694
	Reverse	2.272
	Final drive ratio	4.083
Max. upshift vehicle speed - drive range km/h(mph)		152
Max. upshift engine speed RPM		6215
Max. kickdown speed - drive range km/h(mph)		145
Min. overdrive speed km/h(mph)		32
Torque converter	Type	Symmetrical 3 factors 1 step 2 layers type
	Torus design	ø 234 flat type
	Number of elements	3
	Max. ratio at stall	2.0 : 1
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	250
	Capacity factor "K"	
Pump type		wing pump type
Lubricant	Capacity refill L (Pt.)	8.5
	Type recommended	NISSAN MATIC FLUID 'D'
Oil cooler (std., opt., N.A., internal, external, air, liquid)		Std. Liquid
Transmission mass kg (lbs) & case material**		Aluminum Alloy 74
All Wheel / 4 Wheel Drive		
Description & type (part-time, full-time, 2/4 shift while moving, mechanical, elect., chain/gear, etc)		N.A.
Transfer case	Manufacturer and model	N.A.
	Type and location	N.A.
Low-range gear ratio		N.A.
System disconnect (describe)		N.A.
Center differential	Type (bevel, planetary, w or w/o viscous bias, torsen, etc.)	N.A.
	torque split (% front / rear)	N.A.

*Input speed + $\sqrt{\text{torque}}$

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

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Engine Description
Engine Code

All Models

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

Axle ratio (or overall top gear ratio)		4.083
Ring gear o.d.		200
No. of teeth	Pinion	12
	Ring gear	49

Rear Axle Unit

Description		Independent Suspension
Limited slip differential(type)		N.A. (WITHOUT HICAS). STD. (VISCIOUS) (WITH HICAS)
Drive pinion	Type	Hypoid
	Offset	35
No. of differential pinions		2, 4 (With Viscous)
Pinion / differential	Adjustment (shim, etc)	Shim
	Bearing adjustment	Solid Spacer
Driving wheel bearing (type)		
Lubricant	Capacity L (pt.)	1.3, 1.5 (With Viscous)
	Type recommended	API GL-5 80W - 90

Propeller Shaft-Rear Wheel Drive

Manufacturer Type (straight tube,tube-in-tube, internal-external damper,etc.)			Straight Tube (M/T) Tube in Tube (A/T)	
Outer diam X length* X wall thickness	Manual 4-speed transmission		N.A.	
	Manual 5-speed transmission		75×395×1.6+75×605×1.6 (75×395×1.6+75×590×1.6 at A. B. S. option)	
	Manual 6-speed transmission		N.A.	
	Overdrive		N.A.	
	Automatic transmission		75×432×1.6+75/63.5×605×1.6 (75×432×1.6+75/63.5×590×1.6 at A. B. S. option)	
Inter- mediate bearing	Type(plain,anti-friction)		Ball Bearing	
	Lubrication(fitting,prepack)		Prepack	
Slip yoke	Type		Sliding Spline	
	Number of teeth		24 (M/T) 26 (A/T)	
	Spline o.d.		25 (M/T) 28 (A/T)	
Universal joints	Make and mfg. no.	Front	ATSUGI	
		Rear	ATSUGI	
	Number used		3	
	Type(ball and trunion, cross)		Cross, Rubber Joint (M/T 1st Joint)	
	Rear attach (u-bolt, clamp,etc)		Clamp	
	Bearing	Type (plain, anti-friction)	Anti - Friction	
		Lubrication (fitting,prepack)	Prepack	
Drive taken through (torque tube, arms or springs)				
Touque taken through(torque tube, arms or springs)				

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

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Engine Description

Engine Code

Standard - All

Optional - All

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		N.A.
	Rear only/4 wheel leveling		N.A.
	Single/dual rate spring		N.A.
	Single/dual ride heights		N.A.
	Provision for jacking		N.A.
Shock absorber damping controls	Standard/option/not avail		N.A.
	Manual/automatic control		N.A.
	Number of damping rates		N.A.
	Type of actuation (manual/ electric motor /air, etc)		N.A.
	sensors	Lateral acceleration	N.A.
		Deceleration	N.A.
		Acceleration	N.A.
		Road surface	N.A.
Shock absorber (front & rear)	Type		Direct Double Acting Hydraulic
	Make		Front : Atsugi Rear : TOKICO / KAYABA
	Piston diameter		Front : ϕ 30 Rear : ϕ 25
	Rod diameter		Front : ϕ 20 Rear : ϕ 12.5

Suspension - Front

Type and description		Independent - Strut Type With Coil Spring	
Travel	Full jounce (define load condition)		80 mm
	Full rebound		100 mm
Spring	Type (coil, leaf, other & material)		Coil, Spring Steel
	Insulators (type & material)		Rubber Insulation Type
	Size (Leaf length & width; Coil: design height & i.d.; Bar: length & diameter)		160X170 160X170
	Spring rate { N/mm (lb./in.) }		1.8 2.0
	Rate at wheel { N/mm (lb./in.) }		2.0 2.2
Stabilizer	Type (link, linkless, frameless)		Link
	Material & O.D. bar/tube, wall thickness		High Carbon Steel ϕ 25 High Carbon Steel ϕ 25

Suspension - Rear

Type and description		Independent Multi - Link Type	
Travel	Full jounce (define load condition)		100 mm
	Full rebound		100 mm
Spring	Type (coil, leaf, other & material)		Coil, Spring Steel
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)		230X88 238X88
	Spring rate { N/mm (lb./in.) }		1.8 2.0
	Rate at wheel { N/mm (lb./in.) }		2.5 2.7
	Insulators (type & material)		Rubber Insulation Type
	If leaf	No. of leaves	N.A.
		Shackle (comp. or lens.)	N.A.
Stabilizer	Type (link, linkless, frameless)		Link
	Material & O.D. bar/tube, wall thickness		High Carbon Steel ϕ 15 High Carbon Steel ϕ 21
Track bar (Type)		None	

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Model Code/Description And/Or
Engine Code/Description

Standard - All

Optional - All

Brakes - Service

Description					
Manufacturer and brake type(std., opt., n.a.)	Front (disc or drum)		Disc : Std.		
	Rear (disc or drum)		Disc : Std.		
Valving type (proportion, delay, metering, other)			Rear : Proportioning		
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)		143.4	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.)				
	Manufacturer				
	Type (electronic, mech.)		Opt.		
	Number sensors or circuits				
	Number anti-lock hydraulic circuits				
	Integral or add - on system				
	Yaw control (yes, no)				
	Hydraulic power source (elec., vac., mtr., pwr. std.)				
Effective area $\bar{c}m^2$ (in. ²)*			Front : 176 Rear : 104	Front : 204 Rear : 104	
Gross Lining area $\bar{c}m^2$ (in. ²)**(F/R)			Front : 176 Rear : 104	Front : 204 Rear : 104	
Swept area $\bar{c}m^2$ (in. ²)*** (F/R)			2241	2280	
Rotor	Outer working diameter	F / R	Front : 250 Rear : 256	Front : 255 Rear : 256	
	Inner working diameter	F / R	Front : 160.4 Rear : 176	Front : 164.4 Rear : 176	
	Thickness	F / R	Front : 20 Rear : 9	Front : 22 Rear : 9	
	Material & type (vented/solid)	F / R	Front : Cast Iron (VENTED) Rear : Cast Iron (SOLID)		
Drum	Diameter & width	F / R	N.A.		
	Type and material	F / R	N.A.		
Wheel cylinder bore			Front : 54.0 Rear : 33.96	Front : 57.2 Rear : 33.96	
Master sylander	Bore/stroke	F / R	22.22 / 31	23.81 / 31	
Pedal arc ratio			3.8		
Line pressure at 445 N(100 lb.) pedal load (kPa(pai))			10731	11175	
Lining clearance			F / R	Front : No Major Adjustment Required Rear : No Major Adjustment Required	
Brake lining	Front wheel	Bonded or riveted (rivets/ seg.)		Bonded	
		Rivet size		N.A.	
		Manufacturer		HITACHI	
		Lining code*****		HITACHI HP 12 FE	
		Material		Molded Semi Metallic	
		****	Primary or out - board	112.8X44.8X10	125.6X45.3X11
		Size	Secondary or in-board	112.8X44.8X10	125.6X45.3X11
		Shoe thickness (no lining)		6.0	
	Rear wheel	Bonded or riveted (rivets/seg)		Bonded	
		Manufacturer		N. B. K.	
		Lining code*****		N. B. K. NP53 FF	
		Material		Molded Asbestos	
		****	Primary or out-board	75X40X9.5	
		Size	Secondary or in-board	75X40X9.5	
		Shoe thickness (no lining)		5.0	

* 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 240SX
Model Year '93 Issued '92 - 9 Revised()

All Models

Tires And Wheels (Standard)

Ø Tires	Size(Service description)		195 / 60R15 86H Load Range B, Net 2 Ply
	Type(bias,radial,steel,nylon,etc)		Radial
	Inflation pressure(cold)for recommended max.vehicle load	Front kPa (psi)	200 KPa (28 psi)
		Rear kPa(psi)	200 KPa (28 psi)
	Rev./mile-at 70km/h(45 mph)		627 rpm
Ø Wheels	Type & material		Disc - Stamped Steel
	Rim (size & flange type)		15X6JJ
	Wheel offset		40
	Attachment	Type (bolt or stud & nut)	Stud
		Circle diameter	114.3
		Number & size	M12X1.25 4Hex Nuts
Spare	Tire and wheel		15X4 T
	Storage position & location (describe)		

Tires And Wheels (Optional)

Ø Tire size (service description)	205 / 60R15 89H Load Range B, Net 2 Ply
Type(bias,radial,steel,nylon,etc)	Radial
Wheel(type & material)	Aluminum Casting
Rim (size,flange type and offset)	15X6JJ
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)	
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)	16X4T (Optional)

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

METRIC(U.S.Customary)

Model Code/Description And/Or
Engine Code/Description

Vehicle Line NISSAN 240SX
Model Year '93 Issued '92 - 9 Revised()

All Models

Steering

Manual (std., opt., n.a.)			N.A.	
Power(std.,opt.,n.a.)			Std.	
Speed-sensitive(std.,opt.,n.a.)			Opt.	
4-wheel steering(std.,opt.,n.a.)			Opt.	
Adjustable steering wheel/column (tilt,telescope,other)	Type	Tilt		
	Manufacturer	Fuji kikoh		
	(std.,opt.,n.a.)	Std.		
Wheel diameter** (W9) SAE J1100	Manual	N.A.		
	Power	φ 369		
Turning diameter m (ft.)	Outside front	Wall to wall(l. & r.)		
		Curb to curb(l. & r.)		
	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	Normal Suspension Type 17.1, HICAS Type 14.9	
	Pump(drive)		Belt from Crank - Shaft Pulley	
No.wheel turns (stop to stop)		Normal Suspension Type 3.1, HICAS Type 2.7		
Linkage	Type		Parallelogram	
	Location (front or rear of wheels,other)		Rear	
	Tie rods (one or two)		2	
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.

MVMA Specifications

Vehicle Line NISSAN 240SX
 Model Year '93 Issued '92 - 9 Revised()

METRIC(U.S.Customary)

Model Code/Description And/Or
 Engine Code/Description

All Models

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	6° 44' ±45'
		Camber(deg.)	-0° 44' ±45'
		Toe-in outside track-mm(in.)	1.29 ±2
	Service reset*	Caster (deg.)	6° 44' ±45'
		Camber(deg.)	-0° 44' ±45'
		Toe-in-mm(in.)	1.29 ±2
	Periodic M.V. inspection	Caster (deg.)	6° 44' ±45'
		Camber(deg.)	-0° 44' ±45'
		Toe-in-mm(in.)	1.29 ±2
Rear wheel at curb mass (wt.)	Service checking	Camber(deg.)	-1° 06' ±30'
		Toe-in outside track-mm (in.)	2.5 ±2.5
	Service reset*	Camber(deg.)	-1° 06' ±30'
		Toe-in-mm(in.)	2.5 ±2.5
	Periodic M.V. inspection	Camber(deg.)	-1° 06' ±30'
		Toe-in-mm(in.)	2.5 ±2.5

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

Electrical - Instruments and Equipment

Speed-ometer	Type(analog,digital,std.,opt)		Analog (Std.) Digital (Opt.)
	Trip odometer (std.,opt.,n.a.)		Std.
	standard,optional, not available		Opt.
Head-up display	Type	Secondary,opto-electronic	Secondary, Opto - electronic
	Speedometer	Digital	Digital
	Status / warning indications	Turn signals, high beam, low fuel, check gauges	None
	Brightness control	Day / night mode, adjustable	Adjustable
	EGR maintenance indicator		None
	Charge indicator		Warning Light
Temperature indicator	Type		Electric Gauge
	Warning device (light,audible)		None
Oil pressure indicator	Type		Warning Light
	Warning device (light,audible)		Light
Fuel indicator	Type		Electric Gauge, Warning Light
	Warning device (light,audible)		Light
Wind-shield wiper	Type(standard)		Electric 2 Speed Intermittent
	Type(optional)		N.A.
	Blade length		500 mm X 2
	Swept area cm ² (in ²)		6380 cm ²
Wind-shield washer	Type (standard)		Electric
	Type(optional)		N.A.
	Fluid level indicator (light, audible)		Warning Light
Rear window wiper, wiper/washer (std., opt., n.a.)			Std. (H/B) N.A. (COUPE)
Horn	Type		Vibrator
	Number used		2
Other			

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line NISSAN 240SX
Model Year '93 Issued '92 - 9 Revised()

Engine Code/Description

All Models

Electrical - Supply System

Battery	Manufacturer	SHIN - KOBÉ, YUASA, MATSUSHITA, NIHON - DENCHI, FURUKAWA
	Model, std., (opt)	55D23L
	Voltage	12V
	Amps at 0° F cold crank	356
	Minutes-reserve capacity	99
	Amps/hrs.-20 hr.rate	60
	Location	ENG Room R/H Front
Alternator	Manufacturer	HITACHI, MITSUBISHI
	Rating (idle/max.rpm)	80A
	Ratio (alt. crank/rev)	2.2
	Output at idle (rpm.park)	30A
	Optional (type & rating)	N.A.
Regulator	Type	IC REGULATOR

Electrical - Starting System

Motor	Manufacturer	MITSUBISHI
	Current drain _____ °C (° F)	N.A.
	Power rating kw (hp)	1.4 KW
Motor drive	Engagement type	Solenoid
	Pinion engages from (front,rear)	Front

Electrical - Ignition System

Type	Electronic (std.,opt.,n.a.)	Std.
	Other (specify)	N.A.
Coil	Manufacturer	HANSHIN
	Model	SMC - 110
	Current	Engine stopped - A
		Engine idling - A
Spark Plug	Manufacturer	NGK
	Model	BKR5E - 11
	Thread (mm)	14 mm
	Tightening torque N • m (lb.ft)	19.6 - 29.4 Nm
	Gap	1.0 - 1.1 mm
	Number per cylinder	1
Distributor	manufacturer	Mitsubishi
	Model	T2T52871

Electrical - Suppression

Locations & type	Resistance Type Ignition Cables & Spark Plugs
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MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line NISSAN 240SX
Model Year '93 Issued '92-9 Revised()

Model Code/Description

All Models

Body

Structure

Monocoque Body

Bumper system
front - rear

Urethane

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

Frame

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

N.A.

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line NISSAN 240SX
Model Year '93 Issued '92 - 9 Revised()

Model Code/Description

All Models

Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt lap belt,etc.)	First seat	None	None	None
		Second seat	Lap & Shoulder belt with Retractor	None	Lap & Shoulder belt with Retractor
	Standard / optional	Third seat	None	None	None
Passive	Type & description (air bag,motorized-2- point belt, fixed belt, knee bolster,manual- lap belt)	First seat	Motorized 2 Point belt, manual lap belt, Knee bolster	None	Motorized 2 Point belt, manual lap belt, Knee bolster
		Second seat	None	None	None
	Standard / optional	Third seat	None	None	None

Glass	SAE Ref.No.	COUPE	HATCHBACK
Windshield glass exposed surface area cm ² (in ²)	S1	9940	
Side glass exposed surface area cm ² (in ²) -total 2-sides	S2	8360	10880
Backlight glass exposed surface area cm ² (in ²)	S3	8700	10790
Total glass exposed surface area cm ² (in ²)	S4	27000	31610

Windshield glass(type/thickness)	Laminated 4.7 mm	
Side glass (type/thickness)	Curved Tempered Plate 5.0 mm	
Backlight glass (type/thickness)	Tempered 3.5 mm	Tempered 4.0 mm
Tinted(yes/no,location)	Yes. front	
Solar control(yes / no, coated/batched,location)	No.	

Headlamps

Description(sealed beam, halogen,replaceable bulb,etc)	Sealed Beam Halogen
Shape	Rectangular
Lo-beam type(2A1,2B1, 2C1,etc).	2B1
Quantity	2
Hi-beam type(1A1,2A1,1C1, 2C1,etc)	2B1
Quantity	2

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line NISSAN 240SX
Model Year '93 Issued '92-9 Revised()

Engine Code/Description

All Models

Cilimate Control System

Air conditioning (std.,opt.,man.,auto)		Optional Manual Temperature Control
Condenser	Type	Serpentine
	Eff. face area (sq. mm.)	221000
	Fins per inch	13
Evaporator	Type	Drawn Cup
	Eff. face area (sq. mm.)	47565
	Fins per inch	12
Heater core	Material	Aluminum
	Eff. face area (sq. mm.)	29412
	Fins per inch	28
Compressor	Type	Wobbleplate
	Displacement(cc.)	3 - 146
	Manufacturer	Calsonic
	A/C pulley ratio	1.05
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)		1.8 - 2.0
Cold engine lockout switch (yes / no)		—
Wide open throttle cutout switch (yes / no)		—

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line NISSAN 240SX
 Model Year '93 Issued '92 - 9 Revised()

Model Code/Description

All Models

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

	Clock (digital,analog)	Std. (Digital) in Instrument Cluster
	Compass / thermometer	None
	Console (floor,overhead)	Std. (Floor)
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)	Opt.
	Door lock,ignition	
	Engine compartment	
	Fog	None
	Glove compartment	None
	Trunk	Std.
	Illuminated entry system (list lamps,activation)	
	Other	High mount stop lamp
Mirrors	Day / night (auto.man.)	Manual
	L.H.(remote,power,heated)	Std : manual, Opt : Power
	R.H.(convex,remote,power,heated)	Std : Convex Manual, Opt : Convex Power
	Visor vanity (RH / LH,illuminated)	RH / LH
	Navigation system(describe)	None
	Parking brake-auto release (warning light)	None

MVMA Specifications

METRIC(U.S.Customary)

Model Code/Description

Vehicle Line NISSAN 240SX
Model Year '93 Issued '92-9 Revised()

COUPE

HATCHBACK

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

Power equipment	Deck lid(release,pull down)		None
	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.
	Vent windows		None
	Rear windows		None
Radio systems	Antenna(location,whip,w /shield,power)		Rear Fender Whip & Rear Glass, Power
	Standard	AM,FM,stereo,tape, compact disc,graphic equalizer, theft deterrent,radio prep package, headphone jacks,etc.	AM / FM MPX
	Optional		AM / FM MPX with Cassette
	Speaker (number,location)		4 Speaker COUPE : Front Door & Rear Parcel Shelf HATCHBACK : Front Door & Rear Seat Side
	Roof : open air or fixed(flip-up,sliding,"T")		Sliding (opt) Coupe
Speed control device		Opt.	
Speed warning device(light,buzzer,etc)		None	
Tachometer(rpm)		Std.	
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 NISSAN 240SX

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.

COUPE

HATCHBACK

Width

Tread (front)	W101	1465
Tread (rear)	W102	1460
Vehicle width	W103	1690
Body width at Sq RP (front)	W117	1688
Vehicle width (front doors open)	W120	3730
Vehicle width (rear doors open)	W121	None
Tumble-home (degrees)	W122	
Outside mirror width	W410	1920

Length

Wheelbase	L101	2475
Vehicle length	L103	4520
Overhang (front)	L104	990
Overhang (rear)	L105	1055
Upper structure length	L123	2400
Rear wheel C/L "X" coordinate	L127	2475

Height*

Passenger distribution (front/rear)	PD1,2,3	2 / 2
Trunk / cargo load		16
Vehicle height	H101	1260
Cowl point to ground	H114	835
Deck point to ground	H138	880 925
Rocker panel-front to ground	H112	180
Rocker panel-rear to ground	H111	165
Windshield slope angle (degrees)	H122	61°
Backlight slope angle (degrees)	H121	61°

Ground Clearance*

		without Spoiler	without Spoiler	with Spoiler
Front bumper to ground	H102	209	208	171
Rear bumper to ground	H104	291	295	
Bumper to ground front at curb mass (wt.)	H103	227	224	186
Bumper to ground rear at curb mass (wt.)	H105	307	312	
Angle of approach (degrees)	H106	13°		
Angle of departure (degrees)	H107	15°		
Ramp breakover angle (degrees)	H147	12°		
Axle differential to ground (front/rear)	H153	145		
Min. running ground clearance	H156	110		
Location of min. run. grd. clear.		FR EXT. TUBE		

*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

METRIC(U.S.Customary)

Vehicle Dimensions See Key Sheets for definitions

Vehicle Line NISSAN 240SX

Model Year '93

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Revised()

Model Code/Description

Model Code/Description	SAE Ref. No.	COUPE		HATCHBACK	
		without SUNROOF	with SUNROOF	without SUNROOF	with SUNROOF
Front Compartment					
SgRP front,"X" coordinate	L31	1500			
Effective head room	H61	925	885	925	920
Max. eff leg room(accelerator)	L34	1067			
SgRP to heel point	H30	153			
SgRP to heel point	L53	871			
Back angle(degrees)	L40	25°			
Hip angle(degrees)	L42	90°			
Knee angle(degrees)	L44	125°			
Foot angle (degrees)	L46	87°			
Design H-point front travel	L17	224.5			
Normal driving & riding seat track trvl.	L23				
Shoulder room	W3	1430			
Hip room	W5	1450			
Upper body opening to ground	H50				
Steering wheel maximum diameter*	W9	369			
Steering wheel angle(degrees)	H18	25°			
Accel. heel pt. to steer.whl.cnt	L11				
Accel. heel pt. to steer.whl.cnt	H17				
Undepressed floor covering thickness	H67				

Rear Compartment

SgRP point couple distance	L50	565			
Effective head room	H63	774		737	
Min.effective leg room	L51	672			
SgRP (second to heel)	H31	233			
Knee clearance	L48	134			
Shoulder room	W4	1380			
Hip room	W6				
Upper body opening to ground	H51				
Back angle (degrees)	L41	27°			
Hip angle (degrees)	L43	67°			
Knee angle(degrees)	L45	54°			
Foot angle (degrees)	L47	100°			
Depressed floor covering thickness	H73				

Luggage Compartment

Usable luggage capacity L (cu. ft)	V1				
Liftover height	H195	845		890	

Interior Volumes(EPA Classification)

Vehicle class	Minicompact				
Interior volume index including trunk/cargo(cu.ft)**		79.9		84.9	
Trunk/cargo index(cu.ft.)		8.622		14.189	

*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

Model Code/Description

Vehicle Line **NISSAN 240SX**

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

COUPE

HATCHBACK

Station Wagon / MPV* - Third Seat

SEA
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		800
Cargo length at floor(front)	L209		1559
Cargo length at second seatback height	L210		585
Cargo length at floor (second)	L211		1018
Front seatback to load floor height	H197	None	552
Second seatback to load floor height	H198	None	402
Cargo volume index m ³ (ft. ³)	V3		
Hidden cargo volume index m ³ (ft. ³)	V4		
Cargo volume index - rear of 2-seat	V11		

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

*MPV- Multipurpose Vehicle

MVMA Specifications
METRIC(U.S.Customary)

Vehicle Line NISSAN 240SX
Model Year '93 Issued '92 - 9 Revised()

Model Code/
Description

All Models

Vehicle Fiducial Marks

Fiducial Mark Number*		Define Coordinate Location
Front(1)		The Locating Hole (ϕ 12) on the 1st Cross.
Front(2)		
Rear(1)		The Locating Hole (ϕ 16) on the Member Side Rear.
Rear(2)		
Note: Provide 3 of 4 Fiducial Mark Locations		
Front	W21**	± 260
	L54**	-582
	H81**	-11.
	H161**	224
	H163**	219
Rear	W22**	± 520
	L55**	3050
	H82**	199
	H162**	374
	H164**	349

*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.

MVM A Specifications
METRIC(U.S.Customary)

Vehicle Line NISSAN 240SX
Model Year '93 issued '92 - 9 Revised ()

[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 Weighth Less:

MVMA Specifications

METRIC(U.S.Customary)

Vehicle Line NISSAN 240SX

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

[illegible]

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