

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1992

Manufacturer NISSAN MOTOR CO., LTD.	Vehicle Line NISSAN SENTRA	
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.

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Motor Vehicle Manufacturers Association
of the United States, Inc.

Forms Provided by Technical Affairs Division

MVMA Specifications

METRIC (U.S. Customary)

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

Vehicle Origin

Design & development (company)	NISSAN MOTOR CO., LTD.
Where built (country)	JAPAN / U.S.A.
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	2SED	2WD	GA16DE	E	AAYALBTB13EUA	5 (2/3)	34 kg (75 lbs)	29/37
					AAYALBDB13EUA			28/33
					AAYALFFB13EUA			29/39
			SR20DE	SE-R	AAYALFAB13EUA			27/36
					ABYALHFB13EUA			24/32
					ABYALHAB13EUA			23/30
	4SED	2WD	GA16DE	E	BAYALBFB13EUA			29/39
					BAYALBDB13EUA			28/33
					BAYALFFB13EUA			29/39
				XE	BAYALFAB13EUA			27/36
					BAYALGFB13EUA			29/39
					BAYALGAB13EUA			27/36
CAL	2SED	2WD	GA16DE	E	AAYALBTB13EVA			29/37
					AAYALBDB13EVA			28/33
					AAYALFFB13EVA			29/39
			SR20DE	SE-R	AAYALFAB13EVA			27/36
					ABYALHFB13EVA			24/32
					ABYALHAB13EVA			23/30
	4SED	2WD	GA16DE	E	BAYALBFB13EVA			29/39
					BAYALBDB13EVA			28/33
					BAYALFFB13EVA			29/39
				XE	BAYALFAB13EVA			27/36
					BAYALGFB13EVA			29/39
					BAYALGAB13EVA			27/36

* 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
E N G I N E	Engine Code	GA16DE	GA16DE	GA16DE	GA16DE
	Displacement Liters (in ³)	1.597	1.597	1.597	1.597
	Induction system (FI, Carb, etc.)	N.A.	N.A.	N.A.	N.A.
	Compression ratio	9.5	9.5	9.5	9.5
	SAE Net at RPM	80.9/6000 (110/6000)	80.9/6000 (110/6000)	80.9/6000 (110/6000)	80.9/6000 (110/6000)
		147.1/4000 (108/4000)	147.1/4000 (108/4000)	147.1/4000 (108/4000)	147.1/4000 (108/4000)
	Exhaust single, dual	SINGLE	SINGLE	SINGLE	SINGLE
T R A N S	Transmission/ Transaxle	RN4F31A	RS5F31A	RL3F01A	RL4F03A
	Axle Ratio (std. first)	3.550	3.895	3.476	3.827

		E	F
E N G I N E	Engine Code	SR20DE	SR20DE
	Displacement Liters (in ³)	1.998	1.998
	Induction system (FI, Carb etc.)	N.A.	N.A.
	Compression ratio	9.5	9.5
	SAE Net at RPM	103.0/6400 (140/6400)	103.0/6400 (140/6400)
		179.0/4800 (132/4800)	179.0/4800 (132/4800)
	Exhaust single, dual	dual	dual
T R A N S	Transmission/ transaxle	RS5F32V	RL4F03V
	Axle Ratio (std. first)	4.176	3.827

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Series Availability		Power Teams (A - B - C - D)	
Model	Code	Standard	Optional
AAAYALBTB13EUA		A	
AAAYALBDB13EUA		C	
AAAYALFFB13EUA		B	
AAAYALFAB13EUA		D	
ABYALHFB13EUA		E	
ABYALHAB13EUA		F	
BAYALBFB13EUA		B	
BAYALBDB13EUA		C	
BAYALFFB13EUA		B	
BAYALFAB13EUA		D	
BAYALGFB13EUA		B	
BAYALGAB13EUA		D	
AAAYALBTB13EVA		A	
AAAYALBDB13EVA		C	
AAAYALFFB13EVA		B	
AAAYALFAB13EVA		D	
ABYALHFB13EVA		E	
ABYALHAB13EVA		F	
BAYALBFB13EVA		B	
BAYALBDB13EVA		C	
BAYALFFB13EVA		B	
BAYALFAB13EVA		D	
BAYALGFB13EVA		B	
BAYALGAB13EVA		D	

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METRIC (U.S. Customary)

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	76	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)	32.0 cm ³	46 cm ³
Cylinder liner material	Cast Iron	
Head gasket thickness (compressed)	1.2 mm	
Minimum combustion chamber total volume cm ³ (inches ³)	47.0 cm ³	59 cm ³
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 6.0 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)		
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***		

Engine - Pistons

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

Location	Cylinder HEAD	
Material & mass kg (weight, lbs.)	CAST IRON INT 1.8 kg Exh 1.7 kg	CAST IRON 2 kg
Drive type	Chain / belt	CHAIN
	Width - pitch	15 mm/9.525 mm 14 mm/9.5 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 - 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 0.462 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	Acrylic Rubber One Piece
	Rear	Silicon Rubber One Piece
		Fluorine 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
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M/T	3 A/T	4 A/T	M/T	4 A/T

Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Std. (Reserve Tank)				
Coolant fill location (rad., bottle)		Bottle				
Radiator cap relief valve pressure kPa (psi)		90				
Circulation thermostat	Type (choke, bypass)	BYPASS				
	Starts to open at °C (°F)	76.5°C				
Water pump	Type (centrifugal, other)	CENTRIFUGAL				
	GPM 1000 pump rpm	N.A.				
	Number of pumps	1				
	Drive (V-belt, other)	V-BELT				
	Bearing type	BALL				
	Impeller material	COLD ROLLED CARBON STEEL				
	Housing material	Aluminum Alloy				
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.)	YES				
Water jackets full length of cyl. (yes, no)		YES		NO		
Water all around cylinder (yes, no)		YES				
Water jackets open at head face (yes, no)						
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.)	1.9	2.5	2.5	2.2	2.5
	Width	647mm	647mm	647mm	647mm	647mm
	Height	320mm	320mm	320mm	320mm	320mm
	Thickness	16mm	16mm	16mm	16mm	16mm
	Fins per inch	13	17	23	23	23
Radiator end tank material		Resin				
Fan	Std., elec., opt.	Elect.				
	Number of blades & type (flex, solid, material)	N.A.				
	Diameter & projected width	300				
	Ratio (fan to crankshaft rev.)	N.A.				
	Fan cutout type	N.A.				
	Drive type (direct, remote)	N.A.				
	RPM at idle (elec.)	1800	High speed 2250 Low speed 1600	1800	High speed 2300 Low speed 1750	
	Motor rating (wattage:elec.)	50W	110W	70W	160W	
	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 - Fuel System (See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.		ELECTRIC 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)	90 1/hr at 299 kpa	70 1/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	
Filter 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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Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		TWC/O2S/EGR/SMP I	EGI/EGR/PAIR/TWC/O2S
	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 on/off, 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 ²)		
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.	
Electronic system	Vapor storage provision		CARBON CANISTER	
	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	NONE
Exhaust pipe	Branch o.d., wall thickness	NONE	ø42.7x2 t1.5
	Main o.d., wall thickness	ø42.7 REAR HALF: t1.2	ø48.6 REAR HALF: t1.2
	Material & Mass kg (weight lbs)	STAINLESS STEEL TUBE 3.0kg	STAINLESS STEEL TUBE 4.2kg
Intermediate pipe	o.d. & wall thickness	ø42.7 REAR HALF: t1.2	ø48.6 REAR HALF: t2.0
	Material & Mass kg (weight lbs)	A1 COAT STEEL TUBE 3.6kg	A1 COAT STEEL TUBE 3.2kg
Tail pipe	o.d. & wall thickness	ø38.1 t1.2	ø48.6 t1.2
	Material & Mass kg (weight lbs)	STAINLESS STEEL TUBE 0.3kg	STAINLESS STEEL TUBE 0.2kg

*MATERIAL: STAINLESS STEEL & A1 COAT STEEL

MASS:

	GA16DE	SR20DE
1	1.7kg	1.8kg
2	3.1kg	5.1kg

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☒ Transmissions/Transaxle (Std., Opt., N.A.)

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

Manual Transmission/Transaxle

Number of forward speeds		4	5	5
☒ Gear ratios	1st	3.333	3.333	3.063
	2nd	1.955	1.955	1.826
	3rd	1.286	1.286	1.286
	4th	0.902	0.926	0.975
	5th	---	0.733	0.756
	6th	---	---	---
	Reverse	3.417	3.417	3.153
Synchronous meshing (specify gears)		1,2,3,4,	1,2,3,4,5	1,2,3,4,5
Shift lever location		Floor Mounted		
Trans. case mat'l. & mass kg (lbs)*		Aluminum Alloy	Aluminum Alloy	Aluminum Alloy 41.2
Lubricant	Capacity L (pt.)	2.8	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 mfg. & material coding	HITACHI HN63Z2	
	Facing material & construction	Spiral Wound Non Asbestos	
	Rivets per facing	16 V	
	Outside x inside dia. (nominal)	190 x 132	215 x140
	Total eff. area cm ² (in. ²)	147 cm2	209 cm2
	Thickness (pressure plate side/ty wheel side)	3.5/3.5	
	Rivet depth (pressure plate side/ty wheel side)	1.3-1.8/1.3-1.8	
	Engagement cushion method	Flat Wave Springs	
Release bearing type & method lub.		Ball Bearing Sealed Type	
Torsional damping method, springs, hysteresis		RUBBERS	Coil Springs and Friction

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

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Automatic Transmission/Transaxle

Trade Name		NISSAN MATIC (RL3F01A)	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	2.826	2.861	
	2nd	1.543	1.562	
	3rd	1.000		
	4th	---	0.697	
	5th	---	---	
	6th	---	---	
	Reverse	2.364	2.310	
Max. upshift speed - drive range km/h (mph)		101	150	162
Max. kickdown speed - drive range km/h (mph)		95	153	159
Min. overdrive speed km/h (mph)			40	41
Torque converter	Number of elements	3		
	Max. ratio at stall	2.3:1	2.6:1	2.0:1
	Type of cooling (air, liquid)	Liquid		
	Nominal diameter	236		
	Capacity factor "K"			
Lubricant	Capacity refill L (pt.)	6.3	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 61.9	Aluminum Alloy 62	Aluminum Alloy 75

All Wheel / 4 Wheel Drive

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

* Input speed ÷ / torque

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

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

Effective final drive ratio (for overall top gear ratio)			
Transfer ratio and method (chain, gear, etc.)			
Front drive unit	Ring gear o.d.		
	No. of teeth	Pinion	
		Ring gear	

Front Drive Unit

Description (integral to trans., etc.)		
Limited slip differential (type)		
Drive pinion	Type	
	Offset	
No. of differential pinions		
Pinion / differential	Adjustment (shim, etc.)	
	Bearing adjustment	
Driving wheel bearing (type)		
Lubricant	Capacity L (pt.)	
	Type recommended	

Axle Shafts - Front Wheel Drive

Manufacturer and number used		2			
Type (straight, solid bar, tubular, etc.)		Left	Solid Bar		
		Right	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)				
	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.

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Model Code/Description And/Or
Engine Code/Description

2WD		
MS	CA16DE	PS
		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.)	-
	s e n s o r s	Lateral acceleration
		Deceleration
		Acceleration
		Road surface
Shock absorber (front & rear)	Type	Hydraulic
	Make	Atsugi, Kayaba, Tokico 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
Stabilizer	Type (link, linkless, frameless)	N.A.	LINK
	Material & O.D. bar/tube, wall thickness	N.A.	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.)]	17.6 N/mm	15.7 N/mm
	Rate at wheel [N/mm (lb./in.)]	17.4 N/mm	15.5 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)	N.A.	LINK
	Material & O.D. bar/tube, wall thickness	N.A.	Carbon Steel, ø10
Track bar (type)		N.A.	Carbon Steel, ø15

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

*1

GA16DE			SR20DE	
4M/T & 4Door, E, 5M/T	3A/T, 5M/T EXCEPT 4Door, E, 5M/T	4A/T	5M/T	4A/T
365 x 118	375 x 118	385 x 118	360 x 118	370 x 118

*2

GA16DE			SR20DE
E	XE, SE	GXE	
321 x 119	341 x 119	351 x 119	318.5 x 118

MVMA Specifications

Vehicle Line NISSAN SENTRA

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

METRIC (U.S. Customary)

Model Code/Description And/Or
Engine Code/Description

GA16DE		SR20DE
E	XE,SE,GXE	

Brakes - Service

Description			() : With ABS		
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)	Disc : Std	Disc : Std		
	Rear (disc or drum)	Drum : Std, Disc : opt	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)	110.3(147.1)	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 cm ² (in. ²)*		160/204(100)		152/100	
Gross Lining area cm ² (in. ²)*(F,R)		160/204(100)		152/100	
Swept area cm ² (in. ²)*(F,R)		1054/339(740)		1098/740	
Rotor	Outer working diameter	F,R	238/N.A.(232)		248/232
	Inner working diameter	F,R	152/N.A.(174)		163/174
	Thickness	F,R	18/N.A.(7)		18/7
	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./N.A.
	Type and material	F,R	N.A./Cast iron(N.A.)		N.A./N.A.
Wheel cylinder bore			48.1/15.8(30.1)		48.1/30.1
Master cylinder	Bore:stroke	F,R	19.0(22.2)	20.6(22.2)	22.2
Pedal arc ratio			3.8		
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]			10725	11701	12727
Lining clearance		F,R	No MAJOR ADJUSTMENT REQUIRED/0.3-0.5(PRITSEC)ADJUSTMENT REQUIRED		
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)	BONDED		BONDED
		Rivet size	N.A.		N.A.
		Manufacturer	HITACHI		HITACHI
		Lining code*****	HITACHI HP12H FE		HITACHI HP12 FE
		Material	MOLDED SEMI METALIC		MOLDED SEMI METALIC
		**** Primary or out-board	106 x 43 x 10		97.5 x 42.5 x 10
		Size Secondary or in-board	106 x 43 x 10		97.5 x 42.5 x 10
		Shoe thickness (no lining)	6.0		6.0
	Rear wheel	Bonded or riveted (rivets/seg.)	BONDED		BONDED
		Manufacturer	AKEBONO		AKEBONO
		Lining code*****	AKEBONO A901 EF(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 SENTRA

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

METRIC (U.S. Customary)

Model Code/Description And/Or
Engine Code/Description

GA16DE			SR20DE
E	XE, SE	GXE	SE-R

Tires And Wheels (Standard)

Tires	Size (load range, ply)		P155/60R13 78S(B)	P175/70R1382S(B)	P185/60R14 82H(B)
	Type (bias, radial, steel, nylon, etc.)		RADIAL		
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	230 (33)	220 (32)	
		Rear kPa (psi)	200 (29)	200 (29)	
	Rev./mile-at 70 km/h (45 mph)		921	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		
Spare	Number & size		M 12 x 1.25 4Hex Nuts		
	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)	P175/70R13 82S(B)	N.A.
Type (bias, radial, steel, nylon, etc.)	RADIAL	N.A.
Wheel (type & material)	N.A.	Aluminum Casting
Rim (size, flange type and offset)	N.A.	13 x 5J 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)		
Tire size (load range, ply)		
Type (bias, radial, steel, nylon, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Spare tire and wheel size (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)		

Brakes - Parking

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

MVMA Specifications

Vehicle Line NISSAN SENTRA

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

METRIC (U.S. Customary)

Model Code/Description And/Or
Engine Code/Description

GA16DE E

GA16DE XE/SE/GXE, SR20DE

Steering

Manual (std., opt., n.a.)			Std.		N A		
Power (std., opt., n.a.)			Opt.		Std.		
☒ Speed-sensitive (std., opt., n.a.)							
☒ 4-wheel steering (std., opt., n.a.)							
Adjustable steering wheel/column (tilt, telescope, other)		Type	TILT				
		Manufacturer	NASTECH				
		(std., opt., n.a.)	Std. GREAD E: OPT				
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	Rack & Pinion				
		Manufacturer	N.S.K				
		Ratios	Gear	∞			
			Overall	20.2			
	No. wheel turns (stop to stop)		MS: 4.21				
Power	Type (coaxial, elec., hyd., etc.)		Integral Rear & Power Piston with Vane Type Pump				
	Manufacturer		NISSAN				
	Gear	Type	RACK & PINION				
		Ratios	Gear	∞			
			Overall	14.7 *1 15.2 *2			
	Pump (drive)		Belt from Crank-Shaft pulley				
	No. wheel turns (stop to stop)		PS: 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: 155SR13, 175/70R13

*2: 185/60R14

MVMA Specifications

Vehicle Line **NISSAN SENTRA**

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

METRIC (U.S. Customary)

Model Code/Description And/Or
Engine Code/Description

Exc. E

E only

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)
Rear wheel at curb mass (wt.)	Periodic M.V. inspection	Caster (deg.)	1°50'±45'
		Camber (deg.)	-0°15'±45'
		Toe-in - mm (in.)	2.0±1 (mm)
	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.)	Dial with Paintor	
	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	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 Inter Mittent	Electric 2 Speed
	Type (optional)	NONE	
	Blade length	500 mm (LH)	475 mm (RH)
	Swept area cm ² (in. ²)	6260 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.)		NONE	
Horn	Type	Vibrator	
	Number used	1	
Other			

MVMA Specifications

Vehicle Line NISSAN SENTRA

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) 80D26R (SR eng COLD OPT)	
	Voltage	12 V	
	Amps at 0°F cold crank	356 (55D23L)	582 (80D26R)
	Minutes-reserve capacity	99 (55D23L)	133 (80D26L)
	Amps/hrs.-20 hr. rate	60 (55D23L)	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 REGURATOR	

Electrical – Starting System

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

Electrical – Ignition System

Type	Electronic (std., opt., n.a.)	Std.	
	Other (specify)	N.A.	
Coil	Manufacturer	HANSHIN	HANSHIN/MITSUBISHI
	Model	SMC-1200	SMC-200/F097
	Current	Engine stopped – A	0A
		Engine Idling – A	0.4A
Spark plug	Manufacturer	NGK	
	Model	BKR5E-11	PER6B-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
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MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line NISSAN SENTRA

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

Model Code/Description

--

Body

Structure	Monocoque Body
Bumper system front - rear	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 14.2 kg
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Prop
	Release control (internal, external)	Internal
Trunk lid	Material & mass	
	Type (counterbalance, other)	Torsion
	Internal release control (elec., mech., n.a.)	Mech
Hatch-back lid	Material & mass	
	Type (counterbalance, other)	
	Internal release control (elec., mech., n.a.)	N.A.
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	Cable
	Rear	Cable
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 SENTRA

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

METRIC (U.S. Customary)

Model Code/Description

Restraint System

Seating Position			2SED Left	4SED	2SED Center	4SED	2SED Right	4SED
Active	Type & description (lap & shoulder belt, lap belt, etc.)	First seat	NONE	NONE	NONE	NONE	NONE	NONE
	Standard / optional	Second seat	std. 3 point with (ELR) RETRACTOR		std. 2pointing		std. 3point with (ELR) RETRACTOR	
		Third seat	NONE	NONE	NONE	NONE	NONE	NONE
Passive	Type & description (air bag, motorized - 2-point belt, fixed belt, knee bolster, manual - lap belt)	First seat	3point fixed belt	motorized 2point belt manual lap belt knee bolster	NONE	NONE	3point fixed Belt	motorized 2point belt manual lap belt kneebolster
	Standard / optional	Second seat	NONE	NONE	NONE	NONE	NONE	NONE
		Third seat	NONE	NONE	NONE	NONE	NONE	NONE

Glass	SAE Ref. No.	
Windshield glass exposed surface area cm ² (in. ²)	S1	9390
Side glass exposed surface area cm ² (in. ²) - total 2-sides	S2	
Backlight glass exposed surface area cm ² (in. ²)	S3	7250
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 SENTRA

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

METRIC (U.S. Customary)

Engine Code/Description

SR20DE

GA16DE

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

METRIC (U.S. Customary)

Model Code/Description

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

Clock (digital, analog)		EE
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 (Std. except for E, Opt. for F)
Lamps	Auto head on / off delay, dimming	NONE
	Cornering	NONE
	Courtesy (map, reading)	NONE
	Door lock, ignition	
	Engine compartment	
	Fog	NONE
	Glove compartment	
	Trunk	Std. (XE, SE, SER, GXE) NONE (F)
	Illuminated entry system (list lamps, activation)	
	Other	High Mount Stop Lamp (Std.)
Mirrors	Day / night (auto, man.)	MANUAL
	L.H. (remote, power, heated)	E: Manual, WE, SE: Manual (Std.) Power (Opt), GXE: Power
	R.H. (convex, remote, power, heated)	Convex E: N.A., YE, SE: Manual (Std.) Power (Opt), GXE: Power
	Visor vanity (RH / LH, illuminated)	
Navigation system (describe)		NONE
Parking brake-auto release (warning light)		

MVMA Specifications

Vehicle Line NISSAN SENTRA
 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)		GXE GRADE: STD: Automatic OTHER: STD: Manual
	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		Std. (Power Window) GXE
	Vent windows		
	Rear windows		
Radio systems	Antenna (location, whip, w / shield, power)		Front Fender Whip (OPT:+Rear Glass)
	Standard		NONE
	Optional	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM AM/FM MPX AM/FM MPX with Cassette
	Speaker (number, location)		Std:NONE,opt:4 speakers (Front:Door,Rear:RR Parcel Shelf) 1 speaker (Door)
Roof: open air or fixed (flip-up, sliding, "T")			Sliding(opt)
Speed control device			opt
Speed warning device (light, buzzer, etc.)			
Tachometer (rpm)			
Telephone system (describe)			
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 - 3,500 lbs. Class III - 5,000 lbs.

MVMA Specifications

Vehicle Line NISSAN SENTRA

Model Year 1992 Issued 1991-10 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	1425
Tread (rear)	W102	1420	1410
Vehicle width	W103	1670	
Body width at Sg RP (front)	W117	1665	
Vehicle width (front doors open)	W120	3415	
Vehicle width (rear doors open)	W121	3250	
Tumble-home (degrees)	W122	250	
Outside mirror width	W410		
Length			
Wheelbase	L101	2430	
Vehicle length	L103	4326.4	
Overhang (front)	L104	876.7	
Overhang (rear)	L105	1019.7	
Upper structure length	L123	2587	
Rear wheel C/L "X" coordinate	L127	2430	
Height*			
Passenger distribution (front/rear)	PD1,2,3	2/3	
Trunk/cargo load		34 kg	
Vehicle height	H101	1345 (C.W. 1373.7)	
Cowl point to ground	H114	888	
Deck point to ground	H138	928	
Rocker panel-front to ground	H112	199.6	
Rocker panel-rear to ground	H111	197.4	
Windshield slope angle (degrees)	H122		
Backlight slope angle (degrees)	H121		
Ground Clearance*			
Front bumper to ground	H102	230	
Rear bumper to ground	H104	269	
Bumper to ground front at curb mass (wt.)	H103	251	
Bumper to ground rear at curb mass (wt.)	H105	303	
Angle of approach (degrees)	H106	18.96°	
Angle of departure (degrees)	H107	14.06°	
Ramp breakover angle (degrees)	H147	13.34°	
Axle differential to ground (front/rear)	H153	141.5	
Min. running ground clearance	H156	135.5	
Location of min. run. grd. clear.		CAT	

* 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 SENTRA

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

Model Code/Description

Front Compartment	SAE Ref. No.	
SgRP front, "X" coordinate	L31	1344
Effective head room	H61	977.0
Max. eff. leg room (accelerator)	L34	1060.5
SgRP to heel point	H30	246.3
SgRP to heel point	L53	839.4
Back angle (degrees)	L40	25°
Hip angle (degrees)	L42	95.08°
Knee angle (degrees)	L44	123.63°
Foot angle (degrees)	L46	88.61°
Design H-point front travel	L17	213.9
Normal driving & riding seat track trvl.	L23	213.9
Shoulder room	W3	1336.0
Hip room	W5	1270.2
Upper body opening to ground	H50	1237.2
Steering wheel maximum diameter*	W9	Ø380
Steering wheel angle (degrees)	H18	24°
Accel. heel pt. to steer. whl. cntr	L11	425.0
Accel. heel pt. to steer. whl. cntr	H17	620.1
Undepressed floor covering thickness	H67	20.0

Rear Compartment

SgRP point couple distance	L50	685.9
Effective head room	H63	927.1
Min. effective leg room	L51	796.9
SgRP (second to heel)	H31	303.0
Knee clearance	L48	0
Shoulder room	W4	133.5
Hip room	W6	1345
Upper body opening to ground	H51	1243.5
Back angle (degrees)	L41	25°
Hip angle (degrees)	L43	85.9°
Knee angle (degrees)	L45	85.99°
Foot angle (degrees)	L47	115.08°
Depressed floor covering thickness	H73	14

Luggage Compartment

Usable luggage capacity L (cu. ft.)	V1	338 (11.743 cuft)
Liftover height	H195	892

Interior Volumes (EPA Classification)

Vehicle class	Sub Compact
Interior volume index including trunk/cargo (cu. ft.)**	95.5
Trunk/cargo index (cu. ft.)	11.7

* 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 SENTRA

Model Year '92

Issued '91-10

Revised (+)

Model Code/Description

Station Wagon / MPV*
- Third Seat

SAE
Ref.
No.

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

Station Wagon / 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	N. A.
Cargo length at floor (front)	L209	N. A.
Cargo length at second seatback height	L210	N. A.
Cargo length at floor (second)	L211	N. A.
Front seatback to load floor height	H197	N. A.
Second seatback to load floor height	H198	N. A.
Cargo volume index m ³ (ft. ³)	V3	N. A.
Hidden cargo volume index m ³ (ft. ³)	V4	N. A.
Cargo volume index-rear of 2-seat	V11	N. A.

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

*MPV - Multipurpose Vehicle

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line NISSAN SENTRA
 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**
	H163**
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.

Model Year '02 Issued '01-10 Revised (-)

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line NISSAN SENTRA

Model Year '92 Issued '91-10 Revised (-)[illegible]

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