

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1994

Manufacturer Mitsubishi Motors Corporation	Vehicle Line Mitsubishi Galant	
Mailing Address 33-8, Shiba 5-chome, Minato-ku, Tokyo, 108, Japan	Issued 1993-6	Revised

Direct questions concerning these specifications to the manufacturer listed above.

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



Motor Vehicle Manufacturers Association
of the United States, Inc.

Forms Provided by Technical Affairs Division

MVMA Specifications

METRIC (U.S. Customary)

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NOTE:

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

MVMA Specifications

Vehicle Line Mitsubishi Galant

Model Year 1994 Issued 1993-6 Revised (-) _____

METRIC (U.S. Customary)

Vehicle Origin

Design & development (company)	
Where built (country)	
Authorized U.S. sales marketing representative	

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)
4 DOOR SEDAN (FWD)		E56ASNJEL 4M/9M	5 (2/3)	35 kg (77 lbs.)	23/30
		E56ASRJEL 4M/9M			22/28
		E56ASRHEL 4M/9M			22/28
		E56ASRXEL 4M/9M			22/28
		E56ASNGML 4M/9M			22/29
		E56ASRGML 4M/9M			20/26

* 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		*1 4G64 (SOHC)	*2 4G64 (SOHC)	*1 4G64 (DOHC)	*2 4G64 (DOHC)		
	Displacement Liters (in³)		2.350(143.4)	2.350(143.4)	2.350(143.4)	2.350(143.4)		
	Induction system (FI, Carb, etc.)		F.I.	F.I.	F.I.	F.I.		
	Compression ratio		9.5	9.5	10.0	10.0		
	SAE Net at RPM	Power kW (bhp)	105(141) at 5500	105(141) at 5500	119(160) at 6000	119(160) at 6000		
		Torque N · m (lb. ft.)	201(148) at 3000	201(148) at 3000	217(160) at 4250	217(160) at 4250		
	Exhaust single, dual		Dual	Dual	Dual	Dual		
T R A N S	Transmission/ Transaxle		Manual 5-Speed	Automatic 4-Speed	Manual 5-Speed	Automatic 4-Speed		
	Effective Final Drive / Axle Ratio (std. first)		4.322	4.350	4.322	4.376		

[illegible]

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Engine Description
Engine Code

4G64 (SOHC)		4G64 (DOHC)	
MT	AT	MT	AT

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)	In line Front Transverse			
Manufacturer	Mitsubishi Motors Corp.			
No. of cylinders	4			
Bore	86.5		(mm)	
Stroke	100		(mm)	
Bore spacing (C / L to C / L)	93		(mm)	
Cylinder block material & mass kg (lbs.) (machined)	Cast iron, 48(105.9)		Cast iron, 49.1(108.3)	
Cylinder block deck height	235		(mm)	
Cylinder block length	400.5		(mm)	
Deck clearance (minimum) (above or below block)	0			
Cylinder head material & mass kg (lbs.)	Aluminum alloy, 10.4(23.1)		Aluminum alloy, 11.5(25.6)	
Cylinder head volume cm ³ (inches ³)	42.5 (2.59)		44.9 (2.74)	
Cylinder liner material	N.A.			
Head gasket thickness (compressed)	1.25			
Minimum combustion chamber total volume cm ³ (inches ³)	69.1 (4.22)		64.8 (3.95)	
Cyl. no. system (front to rear)*	L. Bank	N.A.		
	R. Bank	N.A.		
Firing order	1-3-4-2			
Intake manifold material & mass kg (lbs.)**	Aluminum alloy, 4.3(9.5)		Aluminum alloy, 4.5(9.9)	
Exhaust manifold material & mass kg (lbs.)**	Stainless steel tube, 3.8 (8.4)			
Knock sensor (number & location)	N.A.		1. Left side middle portion of cylinder block	
Fuel required unleaded, diesel, etc.	Unleaded			
Fuel antiknock index (R + M) + 2	No less than 87		No less than 91	
Engine mounts	Quantity	4		
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Rubber (Elastomeric and Hydroelastic)		
	Added isolation (sub-frame, crossmember, etc.)	Crossmember and Front frame		
Total dressed engine mass (wt) dry***	150	145	155	150

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum alloy, 348(12.3)	Aluminum alloy, 365(12.9)
--	---------------------------	---------------------------

Engine - Camshaft

Location	Center of IN. and EX. valve on cylinder head	Each upper side of IN. and EX. valve on cylinder head
Material & mass kg (weight, lbs.)	Cast iron, 2.9 (6.4)	Cast iron, 1.9 (4.2) (IN., EX. each part)
Drive type	Chain / belt	Belt
	Width / pitch	29 / 9.525

* 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:

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4G64 (DOHC)

Engine - Valve System

Hydraulic lifters (std., opt., n.a.)		Std.
Valves	Number intake / exhaust	8/8
	Head O.D. intake / exhaust	33/29 34/30.5

Engine - Connecting Rods

Material & mass kg., (weight, lbs.)*	Drop forged steel, 0.602 (1.33)
Length (axes C/L to C/L)	150.0

Engine - Crankshaft

Material & mass kg., (weight, lbs.)*	Drop forged steel, 15.8 (34.8)
End thrust taken by bearing (no.)	3
Length & number of main bearings	20.5, 5
Seal (material, one, two piece design, etc.)	Front Synthetic rubber, One piece
	Rear Synthetic rubber, One piece

Engine - Lubrication System

Normal oil pressure kPa (psi) at engine rpm	300 (42.7) at 2000
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full flow
Capacity of c/case, less filter-refill-L (qt.)	4.0 (3.5)

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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MT	AT	MT	AT

Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Std.	
Coolant fill location (rad., bottle)		Bottle	
Radiator cap relief valve pressure kPa (psi)		88 (12.8)	
Circulation thermostat	Type (choke, bypass)	Choke pellet	
	Starts to open at °C (°F)	82 (179.6)	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm	-	
	Number of pumps	1	
	Drive (V-belt, other)	V ribbed belt	
	Bearing type	Roller and Ball. integral shaft permanently sealed	
	Impeller material	Cold-rolled carbon steel sheet	
	Housing material	Aluminum die casting	
	By-pass recirculation type (inter., ext.)	Internal	
Cooling system capacity	With heater - L(qt.)	7.0 (7.4)	
	With air conditioner - L(qt.)	7.0 (7.4)	
	Opt. equipment specify - L(qt.)	N.A.	
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	
Radiator core	Std., A/C, HD	Std. and A/C	
	Type (cross-flow, etc.)	Down-flow	
	Construction (fin & tube mechanical, braze, etc.)	Tube and corrugated fin brazed	
	Material, mass kg (wgt., lbs.)	Copper & Brass, 4.73	
	Width	718.4	
	Height	375	
	Thickness	27	
	Fins per inch	17	
Radiator end tank material		Plastic	
Fan	Std., elec., opt.	Electric	
	Number of blades & type (flex, solid, material)	4	5
	Number & location (front, rear of radiator)	1 (Rear of Radiator)	
	Diameter & projected width	340	
	Ratio (fan to crankshaft rev.)	N.A.	
	Fan cutout type	N.A.	
	Drive type (direct, remote)	N.A.	
	RPM at idle (elec.)	2100	2250 2170
	Motor rating (wattage/elec.)	80	120 160
	Motor switch (type & location/elec.)	Thermo switch, ENGINE	
	Switch point (temp./pressure/elec.)	92°C ~ 95°C	
	Fan shroud (material)	Plastic	

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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.		Fuel injection
Manufacturer		NIPPON INJECTOR Co., Ltd.
Carburetor no. of barrels		-
Idle A/F mix.		14.7
Fuel injection	Point of injection (no.)	Inlet port (4)
	Constant, pulse, flow	8.03 mm ³ / 2.5 msec
	Control (electronic, mech.)	Electronic
	System pressure kPa (psi)	329
Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	750 (A/C ON 850) 800 (A/C ON 850)
	Automatic	N:750(A/C ON 850), D:700(A/C ON 700) N:800(A/C ON 850), D:700(A/C ON 700)
Intake manifold heat control (exhaust or water thermostatic or fixed)		N.A.
Air cleaner type		Dry, Non-woven cloth
Fuel filter (type/location)		Paper, Engine room
Fuel pump	Type (elec. or mech.)	Electronic
	Location (eng., tank)	In tank
	Pressure range kPa (psi)	Max. 637 (93)
	Flow rate at regulated pressure L (gal)/hr @ kPa (psi)	80 (21.1), @294 (43)

Fuel Tank

Capacity refill L (gallons)		64 (16.9)
Location (describe)		Under rear seatpan
Attachment		Bolt and nut
Material & Mass kg (weight lbs.)		Steel, 15.62 (34.3)
Filler pipe	Location & material	Right, rear quarter panel, Steel
	Connection to tank	Rubber hose
Fuel line (material)		Steel
Fuel hose (material)		Rubber
Return line (material)		Steel
Vapor line (material)		Steel
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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Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Three-way catalyst with feedback control Exhaust gas recirculation
	Air Injection	Pump or pulse	N.A.
		Driven by	N.A.
		Air distribution (head, manifold, etc.)	N.A.
		Point of entry	N.A.
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Controlled flow
		Exhaust source	Exhaust Manifold port No.4
		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 (104)
		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)		Intake manifold vacuum
	Discharges to (intake manifold, other)		To intake manifold
	Air inlet (breather cap, other)		Air intake hose
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister
		Carburetor	-
	Vapor storage provision		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 cross-over, dual
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs)		1 (Reverse flow), Stainless steel, 7.8 (17.2)
Resonator no. & type		2 (Straight thru), Stainless Steel Resonator No.1:2.15(4.73), No.2:0.8(1.8)
Exhaust pipe	Branch o.d., wall thickness	42.7 x 2.0 (Dual)
	Main o.d., wall thickness	54 x 1.5
	Material & Mass kg (weight lbs)	Stainless steel tube, 4.72 (9.44)
Inter-mediate pipe	o.d. & wall thickness	54 x 1.5
	Material & Mass kg (weight lbs)	Stainless steel tube, 6.8 (15.0)
Tail pipe	o.d. & wall thickness	42.7 x 1.2
	Material & Mass kg (weight lbs)	Stainless steel tube, 0.4 (0.9)

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

Manual 4-speed (manufacturer/country)	N.A.
Manual 5-speed (manufacturer/country)	Std., Mitsubishi Motors Corp./Japan
Manual 6-speed (manufacturer/country)	N.A.
Automatic (manufacturer/country)	N.A.
Automatic overdrive (manufacturer/country)	Std., Mitsubishi Motors Corp./Japan

Manual Transmission/Transaxle

Number of forward speeds		5
Gear ratios	1st	3.166
	2nd	1.833
	3rd	1.240
	4th	0.896
	5th	0.731
	6th	-
	Reverse	3.166
Synchronous meshing (specify gears)		1.2.3.4.5
Shift lever location		Floor
Trans. case mat'l. & mass kg (lbs)*		Aluminum alloy, 12.3 (27.06)
Lubricant	Capacity L (pt.)	2.0 (4.22)
	Type recommended	Multipurpose gear oil conforming to API GL-4

Clutch (Manual Transmission)

Clutch manufacturer		Daikin Manufacturing Co., Ltd.	
Clutch type (dry, wet; single, multiple disc)		Dry single plate	
Linkage (hydraulic, cable, rod, lever, other)		Hydraulic	
Max. pedal effort (nom. spring load) N (lbs)	Depressed	123 (27.7)	
	Released	83 (18.7)	
Assist (spring, power/percent, nominal)		-	Spring
Type pressure plate springs		Diaphragm	
Total spring load (nominal) N (lbs)		4511 (1014)	5198 (1168)
Clutch facing	Facing mfr. & material coding	Hitachi Chemical Co., Ltd.	
	Facing material & construction	Woven (Non-Asbestos)	
	Rivets per facing	16	
	Outside x inside dia. (nominal)	225 x 150 (mm)	
	Total eff. area cm ² (in. ²)	442 (68.5)	
	Thickness (pressure plate side/fly wheel side)	3.5/3.5 (mm)	
	Rivet depth (pressure plate side/fly wheel side)	1.6/1.6 (mm)	
	Engagement cushion method	Flat-wave springs	
Release bearing type & method lub.		Ball bearing, permanently lubricated	
Torsional damping method, springs, hysteresis		Damper rubbers-coil springs and Friction washers	

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

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Engine Description
Engine Code

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Automatic Transmission/Transaxle

Trade Name		Mitsubishi Motors Corp.	
		F4A23	F4A33
Type and special features (describe)		Torque converter with automatically operated planetary gear transmission. Electronic control F4A23, F4A33	
Shift mechanics		Electronic control	
Gear selector	Location (column, floor, other)	Lever : Floor mounted	
	Ltr./No. designation (e.g. PRND21)	P.R.N.D.2.L / 6	
	Shift interlock (yes, no, describe)	Yes, Shift lock with key inter lock	
Gear ratios	1st	2.522	
	2nd	1.488	
	3rd	1.000	
	4th	0.685	
	Reverse	2.176	
	Final drive ratio	4.350	4.376
Max. upshift vehicle speed - drive range km/h (mph)		1-2 50(31), 2-3 95(59), 3-4 145(90)	1-2 55(34), 2-3 105(65), 3-4 155(96)
Max. upshift engine speed RPM		1-2 5700, 2-3 5700, 3-4 5700	1-2 6000, 2-3 6000, 3-4 6000
Max. kickdown speed - drive range km / h (mph)		2-1 40(25), 3-2 85(53), 4-3 130(81)	2-1 40(25), 3-2 90(56), 4-3 135(84)
Min. overdrive speed km / h (mph)		25 (16)	
Torque converter	Type	3-Element, 1 Stage, 2 Phase Torque converter with lockup clutch	
	Torus design	Round type	
	Number of elements	3	
	Max. ratio at stall	1.9 : 1	1.95 : 1
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	230	254
	Capacity factor "K"	215	191
Pump type		Gear pump	
Lubricant	Capacity refill L (pt.)	6.0 (12.7)	6.7 (14.2)
	Type recommended	DIAMOND ATF SP or equivalent	
Oil cooler (std., opt., N.A., internal, external, air, liquid)		Std., External air and liquid	
Transmission mass kg (lbs) & case material**		Aluminum alloy, 14.0(30.9)	Aluminum alloy, 16.0(35.3)

All Wheel / 4 Wheel Drive

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

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

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

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Engine Code

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

Effective final drive ratio (or overall top gear ratio)		3.867	3.562
Transfer ratio and method (chain, gear, etc.)		-	-
Front drive unit	Ring gear o.d.	178.6	199.4
	No. of teeth	15	16
	Pinion	58	57

Front Drive Unit

Description (integral to trans., etc.)		Integral to trans.
Limited slip differential (type)		-
Drive pinion	Type	-
	Offset	-
No. of differential pinions		2
Pinion / differential	Adjustment (shim, etc.)	Shim
	Bearing adjustment	Shim
Driving wheel bearing (type)		Ball bearing
Lubricant	Capacity L (pt.)	Refer to transmission spec.
	Type recommended	Refer to transmission spec.

Axle Shafts - Front Wheel Drive

Manufacturer and number used			NTN Co. Ltd.
Type (straight, solid bar, tubular, etc.)		Left	Straight bar
		Right	Straight bar
Outer diam. x length* x wall thickness	Manual transaxle	Left	26 x 713
		Right	26 x 397
	Automatic transaxle	Left	26 x 713
		Right	26 x 397
	Optional transaxle	Left	-
		Right	-
Slip yoke	Type		None
	Number of teeth		-
	Spline o.d.		-
Universal joints	Make and mfg. no.	Inner	NTN Co. Ltd.
		Outer	NTN Co. Ltd.
	Number used		2 x 2
	Type, size, plunge	Inner	C.V. joint
		Outer	C.V. joint
	Attach (u-bolt, clamp, etc)		-
	Bearing	Type (plain, anti-friction)	-
		Lubrication (fitting, prepack)	-
Drive taken through (torque tube, arms or springs)			Lower arm and strut
Torque taken through (torque tube, arms or springs)			Lower arm and strut

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

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Model Code/Description And/Or
Engine Code/Description

E56A	
SNJEL, SRJEL, SRHEL, SRXEL	SNGML, SRGML

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.
	s e n s o r s	Lateral acceleration	N.A.
		Deceleration	N.A.
		Acceleration	N.A.
		Road surface	N.A.
Shock absorber (front & rear)	Type		Telescopic type
	Make		Kayaba Industry Co. Ltd.
	Piston diameter		Front : 25, Rear : 25 (mm)
	Rod diameter		Front : 12.5, Rear : 12.5 (mm)

Suspension – Front

Type and description		Multi-link type	
Travel	Full jounce (define load condition)	110	
	Full rebound	70	
Spring	Type (coil, leaf, other & material)		Coil (SUP 12)
	Insulators (type & material)		Rubber pad
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)		348x58-98, 355x58-98, 362x58-98
	Spring rate [N/mm (lb./in.)]		36.5 (208)
	Rate at wheel [N/mm (lb./in.)]		21.6 (123)
Stabilizer	Type (link, linkless, frameless)		Link
	Material & O.D. bar/tube, wall thickness		Spring steel, 18 Spring steel, 19

Suspension – Rear

Type and description		Multi-link type	
Travel	Full jounce (define load condition)	130	
	Full rebound	70	
Spring	Type (coil, leaf, other & material)		Coil (SUP 12)
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)		356.5x85-93, 364.5x85-93
	Spring rate [N/mm (lb./in.)]		17.7 (101)
	Rate at wheel [N/mm (lb./in.)]		15.8 (90)
	Insulators (type & material)		Rubber pad
	If leaf	No. of leaves	-
		Shackle (comp. or tens.)	-
Stabilizer	Type (link, linkless, frameless)		- Link
	Material & O.D. bar/tube, wall thickness		- S45C ~ S48C, 12
Track bar (type)		-	

MVMA Specifications

Vehicle Line Mitsubishi Galant
Model Year 1994 Issued 1993-6 Revised (+) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
Engine Code/Description

E56A
SNJEL, SRJEL, SRHEL, SRXEL

Brakes – Service

Description			-		
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)		AMBRAKE Co., Disc		
	Rear (disc or drum)		AMBRAKE Co., Drum		
Valving type (proportion, delay, metering, other)			Proportion valve		
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)		-		
	Pump-type (elec, gear driven, belt driven)		-		
Traction assist	Operational speed range		-		
	Type (engine or brake intervention)		-		
Anti-lock device	Front / rear (std., opt., n.a.)		Opt.		
	Manufacturer		NISSINBO Industry, Inc.		
	Type (electronic, mech.)		Electronic		
	Number sensors or circuits		4		
	Number anti-lock hydraulic circuits		4		
	Integral or add-on system		Add-on		
	Yaw control (yes, no)		No		
	Hydraulic power source (elec., vac. mtr., pwr. strg.)		Electronic		
Effective area cm ² (in. ²)*			F: 196 (31.3)	/ R: 351 (54.4)	
Gross Lining area cm ² (in. ²)*(F/R)			F: 196 (31.3)	/ R: 351 (54.4)	
Swept area cm ² (in. ²)*(F/R)			F: 1192 (184.8)	/ R: 575 (89.1)	
Rotor	Outer working diameter	F/R	F: 254	/ R: -	
	Inner working diameter	F/R	F: 163	/ R: -	
	Thickness	F/R	F: 24	/ R: -	
	Material & type (vented/solid)	F/R	F: Cast iron, Vented	/ R: -	
Drum	Diameter & width	F/R	F: -	/ R: 228.6	
	Type and material	F/R	F: -	/ R: Cast iron	
Wheel cylinder bore			F: 60.32	/ R: 19.05	
Master cylinder	Bore/stroke	F/R	Bore : 23.81[25.40] / Stroke : Primary 13, Secondary 15		
Pedal arc ratio			4.0		
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]			10218 (1483) [10755 (1561)]		
Lining clearance		F/R	F: No major adjustment required / R: 0.42 ~ 0.48		
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)		Bonded	
		Rivet size		-	
		Manufacturer		AMBRAKE Co.	
		Lining code*****		AK NS153H EF	
		Material		Molded	
		****	Primary or out-board	111.8 x 45.5 x 10	
		Size	Secondary or in-board	111.8 x 45.5 x 10	
		Shoe thickness (no lining)		6.0	
	Rear wheel	Bonded or riveted (rivets/seg.)		Bonded	
		Manufacturer		AKEBONO Brake Industry Co., Ltd.	
		Lining code*****		AK L608 EE	
		Material		Molded	
		****	Primary or out-board	219 x 40 x 4.9	
		Size	Secondary or in-board	219 x 40 x 4.9	
		Shoe thickness (no lining)		2.0	

* 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.

[] : with ABS

MVMA Specifications

Vehicle Line Mitsubishi Galant
Model Year 1994 Issued 1993-6 Revised (•) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
Engine Code/Description

E56A
SNGML, SRGML

Brakes – Service

Description			-		
Manufacturer and brake type (std., opt., n.a.)		Front (disc or drum)	AMBRAKE Co., Disc		
		Rear (disc or drum)	AKEBONO Brake industry Co., Disc		
Valving type (proportion, delay, metering, other)			Proportion valve		
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)		-		
	Pump-type (elec. gear driven, belt driven)		-		
Traction assist	Operational speed range		-		
	Type (engine or brake intervention)		-		
Anti-lock device	Front / rear (std., opt., n.a.)		Opt.		
	Manufacturer		NISSINBO Industry, Inc.		
	Type (electronic, mech.)		Electronic		
	Number sensors or circuits		4		
	Number anti-lock hydraulic circuits		4		
	Integral or add-on system		Add-on		
	Yaw control (yes, no)		No		
	Hydraulic power source (elec., vac. mtr., pwr. strg.)		Electronic		
Effective area cm ² (in. ²)*			F: 196 (31.3)	/ R: 120 (18.6)	
Gross Lining area cm ² (in. ²)*(F/R)			F: 196 (31.3)	/ R: 120 (18.6)	
Swept area cm ² (in. ²)*(F/R)			F: 1192 (184.8)	/ R: 1177 (182.5)	
Rotor	Outer working diameter	F/R	F: 254	/ R: 262	
	Inner working diameter	F/R	F: 163	/ R: 188	
	Thickness	F/R	F: 24	/ R: 10	
	Material & type (vented/solid)	F/R	F: Cast iron, Vented	/ R: Cast iron, Solid	
Drum	Diameter & width	F/R	F: -	/ R: -	
	Type and material	F/R	F: -	/ R: -	
Wheel cylinder bore			F: 60.32	/ R: 34.92	
Master cylinder	Bore/stroke	F/R	Bore : 23.81[25.40] / Stroke:Primary 13, Secondary 15		
Pedal arc ratio			4.0		
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]			12250 (1778) [12867 (1864)]		
Lining clearance		F/R	F:No major adjustment required / R:No major adjustment required		
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)		Bonded	
		Rivet size		-	
		Manufacturer		AMBRAKE Co.	
		Lining code*****		AK NS153H EF	
		Material		Molded	
		****	Primary or out-board	111.8 x 45.5 x 10	
		Size	Secondary or in-board	111.8 x 45.5 x 10	
		Shoe thickness (no lining)		6.0	
	Rear wheel	Bonded or riveted (rivets/seg.)		Bonded	
		Manufacturer		AKEBONO Brake Industry Co., Ltd.	
		Lining code*****		AK NS137H EE	
		Material		Molded	
		****	Primary or out-board	92.8 x 34.5 x 10	
		Size	Secondary or in-board	92.8 x 34.5 x 10	
		Shoe thickness (no lining)		5.5	

* 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.

[] : with ABS

MVMA Specifications

Vehicle Line Mitsubishi Galant
Model Year 1994 Issued 1993-6 Revised (-) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
Engine Code/Description

E56A		
SNJEL, SRJEL	SRHEL	SRXEL, SNGML, SRGML

Tires And Wheels (Standard)

Tires	Size (service description)		P185/70R14 87H	P195/60R15 88H
	Type (bias, radial, steel, nylon, etc.)		Radial	
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	220 (32)	
		Rear kPa (psi)	200 (29)	
	Rev./mile-at 70 km/h (45 mph)		860	
Wheels	Type & material		Disc, Steel	Disc, Aluminum
	Rim (size & flange type)		14 x 5 1/2 JJ	15 x 6JJ
	Wheel offset		46	
	Attachment	Type (bolt or stud & nut)	Stud & Nut	
		Circle diameter	114.3	
		Number & size	4, M12 x 1.5	
Spare	Tire and wheel		T125/70D15, 4T x 15	
	Storage position & location (describe)		On trunk room floor	

Tires And Wheels (Optional)

Tire size (service description)	-	P195/60R15 88H	-
Type (bias, radial, steel, nylon, etc.)	-	Radial	-
Wheel (type & material)	-	Disc, Aluminum	-
Rim (size, flange type and offset)	-	15 x 6JJ	-
Tire size (service description)	-	-	-
Type (bias, radial, steel, nylon, etc.)	-	-	-
Wheel (type & material)	-	-	-
Rim (size, flange type and offset)	-	-	-
Tire size (service description)	-	-	-
Type (bias, radial, steel, nylon, etc.)	-	-	-
Wheel (type & material)	-	-	-
Rim (size, flange type and offset)	-	-	-
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)	T125/80D16, 4T x 16 (In case, A.B.S. is installed) On trunk room floor		

Brakes - Parking

Type of control		One handle, Hand-operated
Location of control		Between front seats
Operates on		Rear wheels
If separate from service brakes	Type (internal or external)	Internal
	Drum diameter	ø 168
	Lining size (length x width x thickness)	146 x 30 x 2.8

MVMA Specifications

Vehicle Line Mitsubishi Galant
Model Year 1994 Issued 1993-6 Revised (-) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
Engine Code/Description

E56A	
SNJEL, SRJEL, SRHEL, SRXEL	SNGML, SRGML

Steering

Manual (std., opt., n.a.)			N.A.		
Power (std., opt., n.a.)			Std.		
Speed-sensitive (std., opt., n.a.)			N.A.	Std.	
4-wheel steering (std., opt., n.a.)			N.A.		
Adjustable steering wheel/column (tilt, telescope, other)		Type	Tilt		
		Manufacturer (std., opt., n.a.)	Diamond Star Motors Corp.		
Wheel diameter** (W9) SAE J1100		Manual	-		
		Power	390		
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	11.4 (37.4)		
		Curb to curb (l. & r.)	10.6 (34.8)		
	Inside rear	Wall to wall (l. & r.)	6.0 (19.7)		
		Curb to curb (l. & r.)	6.2 (20.3)		
Scrub Radius*			-17.6		
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		
	Manufacturer		TRW Koyo Steering Systems Co. Koyo Seiko Co.Ltd.		
	Gear	Type	Rack and Pinion		
		Ratios	Gear	45.74 or 40.66	
			Overall	17.9 or 15.91	
	Pump (drive)		V-ribbed belt (4 rib)		
	No. wheel turns (stop to stop)		3.0 or 2.67		
Linkage	Type		Trailing, equal length tie rods		
	Location (front or rear of wheels, other)		Rear		
	Tie rods (one or two)		Two		
Steering axis	Inclination at camber (deg.)		7°20'		
	Bearings (type)	Upper	Ball joint		
		Lower	Ball joints		
		Thrust	N.A.		
Steering spindle/knuckle & joint type			Ball		

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

** See Page 23.

MVMA Specifications

Vehicle Line Mitsubishi Galant
Model Year 1994 Issued 1993-6 Revised (+)

METRIC (U.S. Customary)

Model Code/Description And/Or
Engine Code/Description

E56A	
SNJEL, SRJEL, SRHEL	SRXEL, SNGML, SRGML

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	$4^{\circ}20' \pm 1^{\circ}30'$
		Camber (deg.)	$0^{\circ} \pm 30'$
		Toe-in outside track-mm (in.)	$0 \pm 3 (0 \pm 0.118)$
	Service reset*	Caster (deg.)	-
		Camber (deg.)	-
		Toe-in - mm (in.)	-
	Periodic M.V. inspection	Caster (deg.)	-
		Camber (deg.)	-
		Toe-in - mm (in.)	-
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	$-1^{\circ}20' \pm 30'$
		Toe-in outside track-mm (in.)	$3 \pm 3 (0.118 \pm 0.118)$
	Service reset*	Camber (deg.)	-
		Toe-in - mm (in.)	-
	Periodic M.V. inspection	Camber (deg.)	-
		Toe-in - mm (in.)	-

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

Electrical - Instruments and Equipment

Speedometer	Type (analog, digital, std., opt.)	Analog (Std.)	
	Trip odometer (std., opt., n.a.)	Std.	
Head-up display	Standard, optional, not available		N.A.
	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		N.A.
Charge indicator	Type	Voltage relay	
	Warning device (light, audible)	Light	
Temperature indicator	Type	Cross coil	
	Warning device (light, audible)	Driving pointer	
Oil pressure indicator	Type	Pressure switch	
	Warning device (light, audible)	Light	
Fuel indicator	Type	Cross coil	
	Warning device (light, audible)	Light and Driving pointer	
Wind-shield wiper	Type (standard)	Electric two speed with intermittent	Electric two speed with Variable Intermittent Manual
	Type (optional)	N.A.	
	Blade length	525 (Dr.side), 475 (As.side)	
	Swept area cm ² (in. ²)	6930 (1074)	
Wind-shield washer	Type (standard)	Electric	
	Type (optional)	N.A.	
	Fluid level indicator (light, audible)	N.A.	
Rear window wiper, wiper/washer (std., opt., n.a.)		N.A.	
Horn	Type	80 diameter	
	Number used	2	
Other		Brake system and parking brake warning light, Fasten belts warning lights.	

MVMA Specifications

Vehicle Line Mitsubishi Galant
 Model Year 1994 Issued 1993-6 Revised (+) _____

METRIC (U.S. Customary)

Engine Code/Description

4G64 (SOHC)

4G64 (DOHC)

Electrical – Supply System

Battery	Manufacturer	EXIDE Corporation	
	Model, std., (opt.)	75D26R M/F	
	Voltage	12	
	Amps at 0°F cold crank	550	
	Minutes-reserve capacity	115	
	Amps/hrs.-20 hr. rate	67	
	Location	Front, right side of engine compartment	
Alternator	Manufacturer	Mitsubishi Electric Corp.	
	Rating (idle/max. rpm)	90A	75A
	Ratio (alt. crank/rev.)	2.29	
	Output at idle (rpm, park)	-	
	Optional (type & rating)	N.A.	
Regulator	Type	Voltage control	

Electrical – Starting System

Motor	Manufacturer	Mitsubishi Electric Corp.	
	Current drain _____ °C(°F)	-	
	Power rating kw (hp)	1.2	
Motor drive	Engagement type	Solenoid	
	Pinion engages from (front, rear)	Front	

Electrical – Ignition System

Type	Electronic (std., opt., n.a.)	Std.	
	Other (specify)	-	
Coil	Manufacturer	N.A.	Diamond Elect Manufacturing Co., Ltd.
	Model	N.A.	F-648
	Current	Engine stopped – A	0
		Engine Idling – A	2.5
Spark plug	Manufacturer	NGK Spark Plug Co., Ltd., Champion Plug Co., Ltd. or Nippon Denso	
	Model	BKR5E-11, K16PR-U11, RC9YC4 BPR6ES-11, RN9YC4, W20EPR-11	
	Thread (mm)	14	
	Tightening torque N-m (lb.-ft.)	20 ~ 30 (15 ~ 22)	
	Gap	1.0 ~ 1.1	
	Number per cylinder	1	
Distributor	Manufacturer	Mitsubishi Electric Corp.	N.A.
	Model	T6T58271	N.A.

Electrical – Suppression

Locations & type	-
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MVMA Specifications

Vehicle Line Mitsubishi Galant
 Model Year 1994 Issued 1993-6 Revised (+) _____

METRIC (U.S. Customary)

Model Code/Description

E56A	
SNJEL, SRJEL	SRHEL, SRXEL, SNGML, SRGML

Body

Structure	Monocock body
Bumper system front - rear	Impact absorbing Facia (Polyurethane) Energy absorber (Polypropylene) Reinforcement (Fiber reinforced polypropylene)
Anti-corrosion treatment	Cathodic ED paint Extended use of galvanized steel

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)	-	
Hood	Material & mass	Steel, 17.3 kg
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Prop
	Release control (internal, external)	Internal
Trunk lid	Material & mass	Steel, 12.1 kg
	Type (counterbalance, other)	Counterbalance
	Internal release control (elec., mech., n.a.)	Mech.
Hatch-back lid	Material & mass	-
	Type (counterbalance, other)	-
	Internal release control (elec., mech., 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	Bucket, Spring & Foam
	Rear	Bench, Foam
	3rd seat	-
Seat back type (e.g., 60/40, bucket, bench, wire, foam, etc.)	Front	Bucket, Spring
	Rear	Bench, Foam
	3rd seat	Bench, Foam, Folding type

Frame

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

Vehicle Line Mitsubishi Galant
 Model Year 1994 Issued 1993-6 Revised (+) _____

METRIC (U.S. Customary)

Model Code/Description

E56A

Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.) Standard / optional	First seat	3 point seat belt with ELR	-	3 point seat belt with ALR/ELR
		Second seat	3 point seat belt with ALR/ELR	2 point seat belt with manual adjusting device	3 point seat belt with ALR/ELR
		Third seat	-	-	-
Passive	Type & description (air bag, motorized - 2-point belt, fixed belt, knee bolster, manual - lap belt) Standard / optional	First seat	Air bag	-	Air bag
		Second seat	-	-	-
		Third seat	-	-	-

Glass	SAE Ref. No.	
Windshield glass exposed surface area cm ² (in. ²)	S1	9020 (1400)
Side glass exposed surface area cm ² (in. ²) - total 2-sides	S2	10460 (1620)
Backlight glass exposed surface area cm ² (in. ²)	S3	6900 (1070)
Total glass exposed surface area cm ² (in. ²)	S4	26380 (4090)
Windshield glass (type / thickness)		Curved-laminated plate
Side glass (type / thickness)		Curved-tempered plate
Backlight glass (type / thickness)		Curved-tempered plate
Tinted (yes / no, location)		Yes
Solar control (yes / no, coated / batched, location)		No

Headlamps

Description (sealed beam, halogen, replaceable bulb, etc.)	Replaceable bulb
Shape	Aerodynamic headlamp
Lo-beam type (2A1, 2B1, 2C1, etc.)	HB4-Bulb
Quantity	2
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	HB4 - Bulb + HB3 - Bulb
Quantity	2 + 2

MVMA Specifications

Vehicle Line Mitsubishi Galant
 Model Year 1994 Issued 1993-6 Revised (+) _____

METRIC (U.S. Customary)

Engine Code/Description

E56A

Climate Control System

Air conditioning (std., opt., man., auto.)		
Condenser	Type	Aluminum, Corrugated fin
	Eff. face area (sq. mm.)	201600
	Fins per inch	18
Evaporator	Type	Aluminum, Corrugated fin
	Eff. face area (sq. mm.)	50800
	Fins per inch	12
Heater core	Material	Tube : Brass, Fin : Copper
	Eff. face area (sq. mm.)	32130
	Fins per inch	14
Compressor	Type	Scroll Type
	Displacement (cc.)	105
	Manufacturer	Mitsubishi Havy Industries Ltd.
	A/C pulley ratio	1.42
Accumulator	Type	-
	Height (mm.)	-
	Diameter (mm.)	-
Receiver	Type	Integral Type
	Height (mm.)	197
	Diameter (mm.)	60.5
Refrigerant control (CCOT, TVS, etc.)		External pressure regulated automatic thermo controlled expansion valve
Heater water valve (yes / no)		No
Refrigerant (R - 12, R - 134a, etc.)		R-134a
Charge level (lbs. - oz.)		27
Cold engine lockout switch (yes / no)		No
Wide open throttle cutout switch (yes / no)		Yes

MVMA Specifications

Vehicle Line Mitsubishi Galant
 Model Year 1994 Issued 1993-6 Revised (*) _____

METRIC (U.S. Customary)

Model Code/Description

E56A		
SNJEL, SRJEL	SRHEL	SRXEL, SNGML, SRGML

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

Clock (digital, analog)		Std. (Digital)	
Compass / thermometer		N.A.	
Console (floor, overhead)		Std. (Floor)	
Defroster, electric windshield		No	
Defroster, electric backlight		Std.	
Electronic	Diagnostic monitor (integrated, individual)	Std. (Integrated)	
	Instrument cluster (list instruments)	Std. (Speedometer, Tachometer, Fuel, Water-temp.)	
	Keyless entry	N.A.	
	Tripminder (avg. spd., fuel)	N.A.	
	Voice alert (list items)	N.A.	
	Other	-	
Lamps	Fuel door lock (remote, key, electric)	Remote	
	Auto head on / off delay, dimming	N.A.	
	Cornering	N.A.	
	Courtesy (map, reading)	Room	Room (Room, Map Opt.) Room, Map
	Door lock, ignition	Opt. (ignition)	Std. (ignition)
	Engine compartment	N.A.	
	Fog	N.A.	Std.
	Glove compartment	N.A.	Std.
	Trunk	Std.	
	Illuminated entry system (list lamps, activation)	N.A.	
	Other	-	
Mirrors	Day / night (auto. man.)	Std. (Manual)	
	L.H. (remote, power, heated)	Remote	Power
	R.H. (convex, remote, power, heated)	Convex, Remote	Convex, Power
	Visor vanity (RH / LH, illuminated)	Std. (LH)	Std. (RH/LH) Std.(RH, illuminated/LH)
Navigation system (describe)		N.A.	
Parking brake-auto release (warning light)		N.A.	

MVMA Specifications

Vehicle Line Mitsubishi Galant
Model Year 1994 Issued 1993-6 Revised (-)

METRIC (U.S. Customary)

Model Code/Description

E56A		
SNJEL, SRJEL	SRHEL	SRXEL, SNGML, SRGML

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

Power equipment	Deck lid (release, pull down)		N.A.		
	Door locks (manual, automatic, describe system)		Opt.	Power door lock	
	Seats	2 - 4 - 6 way, etc.	N.A.		
		Reclining (R.H., L.H.)	N.A.		
		Memory (R.H., L.H., preset recline)	N.A.		
		Support (lumbar, hip, thigh, etc.)	N.A.		
		Heated (R.H., L.H., other)	N.A.		
	Side windows		Opt.	Std.	
	Vent windows		N.A.		
	Rear windows		N.A.		
Radio systems	Antenna (location, whip, w / shield, power)		Std.(Rr.quarter.Whip)	Std.(Rr.quarter.Power and Rr.glass	
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	AM/FM MPX ETR	AM/FM MPX ETR and CASSET with DIVERSITY	AM/FM MPX ETR and CASSET with DIVERSITY
	Optional		AM/FM MPX ETR and CASSET	AM/FM MPX and CASSET with DIVERSITY	AM/FM MPX ETR, CASSET and CD PLAYER with DIVERSITY
			AM/FM MPX ETR and CASSET with DIVERSITY	AM/FM MPX ETR, CASSET and CD PLAYER with DIVERSITY	
	Speaker (number, location)		Std(I/PNL.,R/SHELF)	Std(I/PNL.,R/SHELF, F/DR.)	
	Roof: open air or fixed (flip-up, sliding, "T")		-	Opt.(Flip-up & Sliding)	Std.(Flip-up & Sliding)
Speed control device		Opt.	Std.		
Speed warning device (light, buzzer, etc.)		N.A.			
Tachometer (rpm)		Std.			
Telephone system (describe)		N.A.			
Theft deterrent system		Disk Lumber, key locks on ignition switch, Doors, Luggage compartment and lockable steering			

Trailer Towing

Towing capable	Yes / No	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	No

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

MVMA Specifications

Vehicle Line Mitsubishi Galant
Model Year 1994 Issued 1993-6 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.
AE Ref. no. refers to the definition published in SAE Recommended Practice J1100 "Motor Vehicle Dimensions," unless otherwise specified.

Model Code/Description	SAE Ref. No.	E56A
		SNJEL, SRJEL SRHEL SRXEL SNGML, SRGML

Width

Tread (front)	W101	1510 (59.4)
Tread (rear)	W102	1505 (59.3)
Vehicle width	W103	1730 (68.1)
Body width at Sg RP (front)	W117	1725 (67.9)
Vehicle width (front doors open)	W120	3590 (141.3)
Vehicle width (rear doors open)	W121	3350 (131.9)
Tumble-home (degrees)	W122	25°
Outside mirror width	W410	1955 (77.0)

Length

Wheelbase	L101	2635 (103.7)
Vehicle length	L103	4750 (187.0)
Overhang (front)	L104	980 (38.6)
Overhang (rear)	L105	1135 (44.7)
Upper structure length	L123	2770 (109.1)
Rear wheel C/L "X" coordinate	L127	2635 (103.7)

Height*

Passenger distribution (front/rear)	PD1,2,3	Front : 2, Rear : 3
Trunk/cargo load		35 kg
Vehicle height	H101	1350 (53.1)
Howl point to ground	H114	900 (35.4)
Deck point to ground	H138	965 (38.0)
Rocker panel-front to ground	H112	170 (6.7)
Rocker panel-rear to ground	H111	150 (5.9)
Windshield slope angle (degrees)	H122	61°
Backlight slope angle (degrees)	H121	64°

Ground Clearance*

Front bumper to ground	H102	210 (8.3)
Rear bumper to ground	H104	240 (9.4)
Bumper to ground front at curb mass (wt.)	H103	220 (8.7)
Bumper to ground rear at curb mass (wt.)	H105	305 (12.0)
Angle of approach (degrees)	H106	16°
Angle of departure (degrees)	H107	11.5°
Ramp breakover angle (degrees)	H147	11°
Axle differential to ground (front/rear)	H153	-
Min. running ground clearance	H156	105 (4.1)
Location of min. run. grd. clear.		Body stringer

* All vehicle height and ground clearances are measured at the Manufacturer's Design Load Weight.
Manufacturers Design Load Weight is defined with indicated passenger distribution and trunk/cargo load, unless otherwise specified.
All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

Vehicle Line Mitsubishi Galant
Model Year 1994 Issued 1993-6 Revised (-)

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Model Code/Description

E56A			
SNJEL, SRJEL	SRHEL	SRXEL	SNGML, SRGML

SAE
Ref.
No.

Front Compartment

SgRP front, "X" coordinate	L31	1430 (56.3)	
Effective head room	H61	1000 (39.4)	947 (37.3)
Max. eff. leg room (accelerator)	L34	1099 (43.3)	
SgRP to heel point	H30	232 (9.1)	
SgRP to heel point	L53	905 (35.6)	
Back angle (degrees)	L40	25°	
Hip angle (degrees)	L42	96°	
Knee angle (degrees)	L44	126°	
Foot angle (degrees)	L46	77°	
Design H-point front travel	L17	220 (8.7)	
Normal driving & riding seat track trvl.	L23	220 (8.7)	
Shoulder room	W3	1415 (55.7)	
Hip room	W5	1455 (57.3)	1360 (53.5)
Upper body opening to ground	H50	1237 (48.7)	
Steering wheel maximum diameter*	W9	390 (15.4)	
Steering wheel angle (degrees)	H18	23°	
Accel. heel pt. to steer. whl. cntr	L11	465 (18.3)	
Accel. heel pt. to steer. whl. cntr	H17	627 (24.7)	
Undepressed floor covering thickness	H67	10 (0.4)	

Rear Compartment

SgRP point couple distance	L50	750 (29.5)	
Effective head room	H63	953 (37.5)	
Min. effective leg room	L51	889 (35.0)	
SgRP (second to heel)	H31	290 (11.4)	
Knee clearance	L48	-13 (-0.5)	
Shoulder room	W4	1415 (55.7)	
Hip room	W6	1450 (57.1)	1335 (52.6)
Upper body opening to ground	H51	1242 (48.9)	
Back angle (degrees)	L41	28°	
Hip angle (degrees)	L43	72°	
Knee angle (degrees)	L45	92°	
Foot angle (degrees)	L47	117°	
Depressed floor covering thickness	H73	10 (0.4)	

Luggage Compartment

Usable luggage capacity L (cu. ft.)	V1	357 (12.5)	
Liftover height	H195	195 (15.6)	

Interior Volumes (EPA Classification)

Vehicle class	Compact		
Interior volume index including trunk/cargo (cu. ft.)**	109.8		106.9
Trunk/cargo index (cu. ft.)		12.5	

* See page 14.

** See definition page 33.

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

MVMA Specifications

Vehicle Line Mitsubishi Galant
Model Year 1994 Issued 1993-6 Revised (•) _____

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Model Code/Description

E56A

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	-
Cargo length (open second)	L201	-
Cargo length (closed front)	L202	-
Cargo length (closed second)	L203	-
Cargo length at belt (front)	L204	-
Cargo length at belt (second)	L205	-
Cargo width (wheelhouse)	W201	-
Rear opening width at floor	W203	-
Opening width at belt	W204	-
Min. rear opening width above belt	W205	-
Cargo height	H201	-
Rear opening height	H202	-
Tailgate to ground height	H250	-
Front seat back to load floor height	H197	-
Cargo volume index m ³ (ft. ³)	V2	-
Hidden cargo volume index m ³ (ft. ³)	V4	-
Cargo volume index-rear of 2-seat	V10	-
Cargo volume index*	V6	-
Cargo width at floor*	W500	-
Maximum cargo height*	H505	-

Hatchback - Cargo Space

Cargo length at front seatback height	L208	-
Cargo length at floor (front)	L209	-
Cargo length at second seatback height	L210	-
Cargo length at floor (second)	L211	-
Front seatback to load floor height	H197	-
Second seatback to load floor height	H198	-
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 Mitsubishi Galant
Model Year 1994 Issued 1993-6 Revised (*) _____

Model Code/
Description

E56A

Vehicle Fiducial Marks

Fiducial Mark
Number*

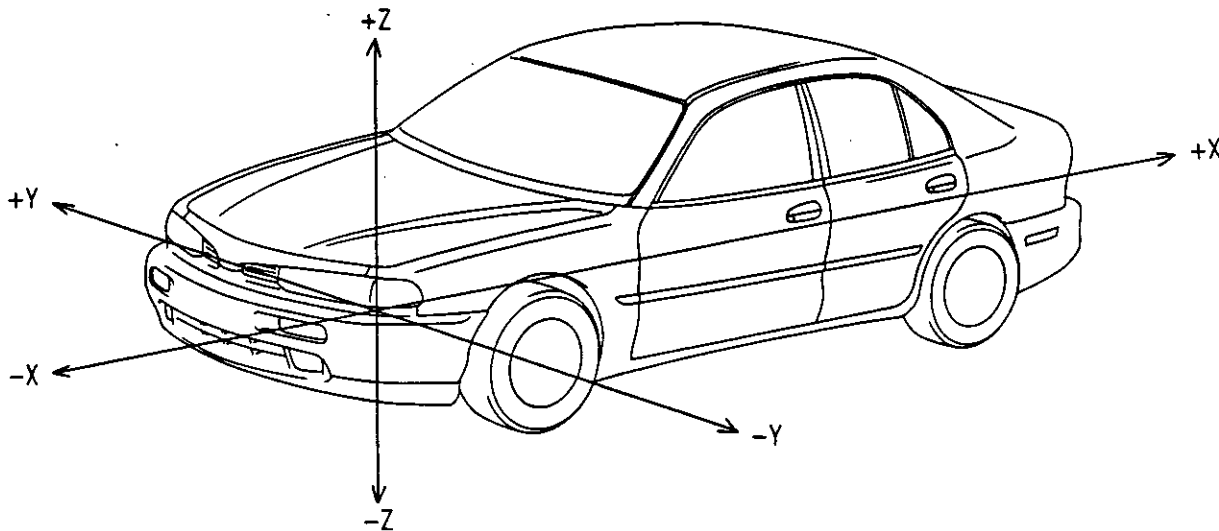
Define Coordinate Location

Front(1)

Front(2)

Rear(1)

Rear(2)



Datum plane definition - Vertical longitudinal plane through the longitudinal center of the car.
Vertical transverse plane through the front wheel center.
Horizontal plane through the bottom of the rocker panels.

Note: Provide
3 of 4
Fiducial Mark
Locations

Front	W21**	-462
	L54**	65
	H81**	211
	H161**	426
	H163**	405
Rear	W22**	-485
	L55**	3275
	H82**	198
	H162**	413
	H164**	357

* Reference - SAE Recommended Practice, J182a, Motor Vehicle Fiducial Marks.

** Reference - SAE Recommended Practice J1100 - Motor Vehicle Dimensions.

†† Linear dimensions are in millimeters (inches) unless otherwise noted.

METRIC (U.S. Customary)

Model Year 1994 Issued 1993-6 Revised (•)

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METRIC (U.S. Customary)

Vehicle Line Mitsubishi Galant
Model Year 1994 Issued 1993-6 Revised (*) _____

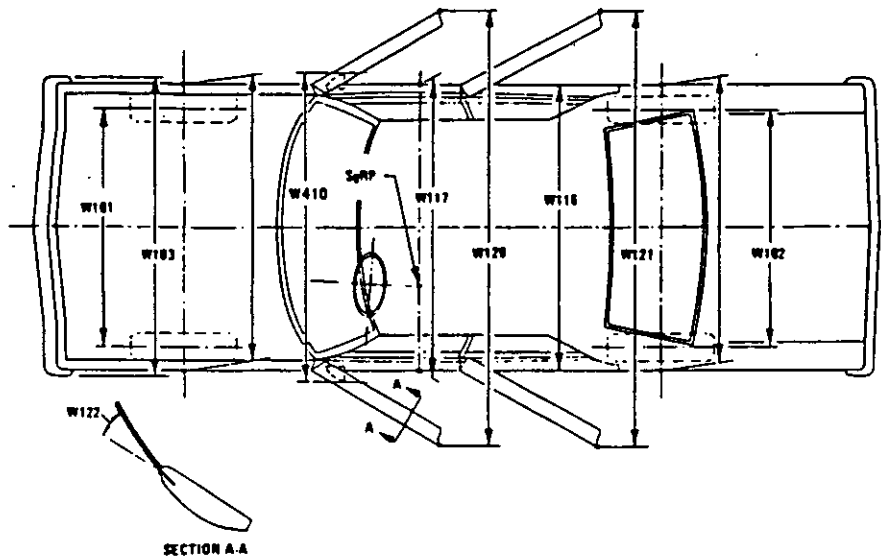
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* Also see Engine - General Section for dressed engine mass (weight).

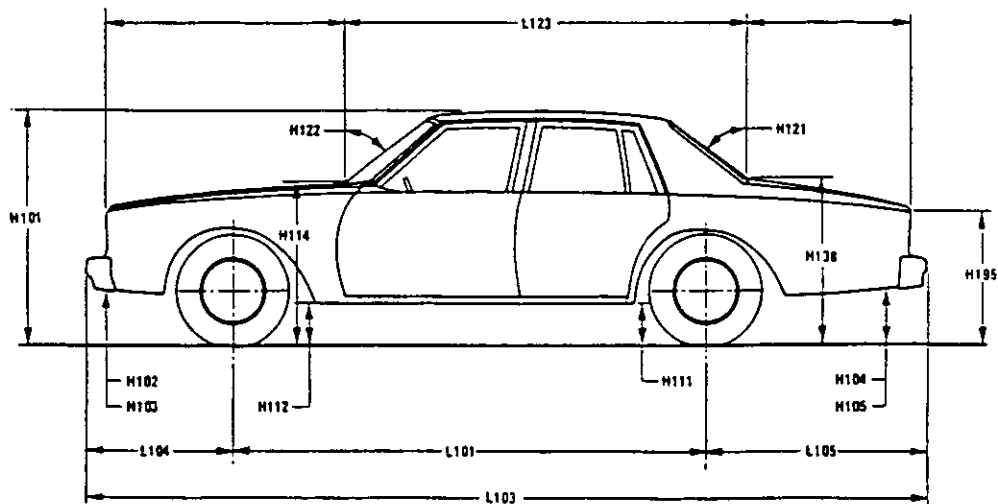
METRIC (U.S. Customary)

Exterior Vehicle And Body Dimensions – Key Sheet

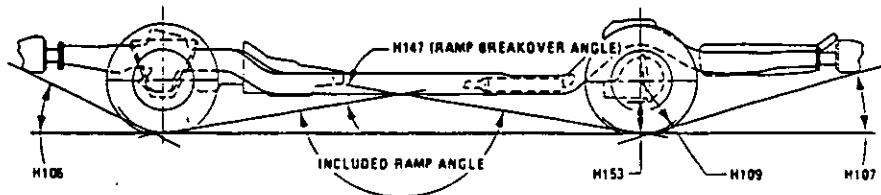
Exterior Width



Exterior Length & Height



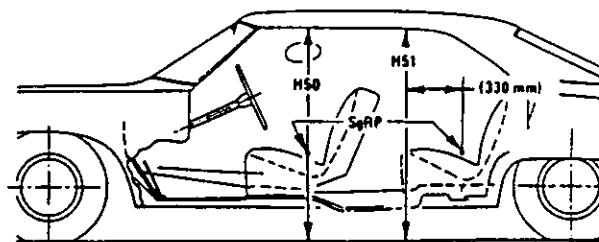
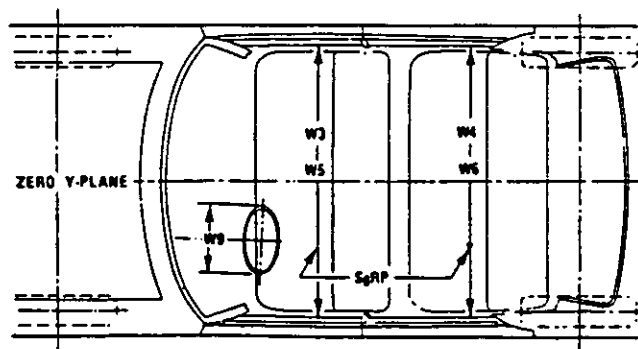
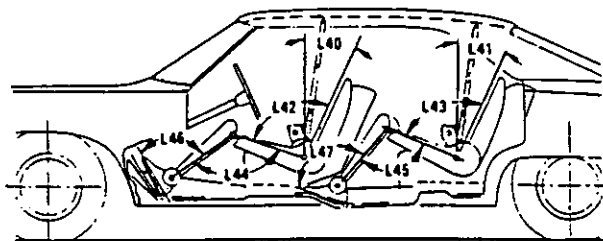
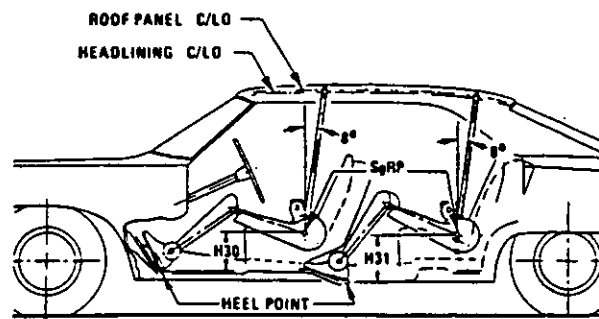
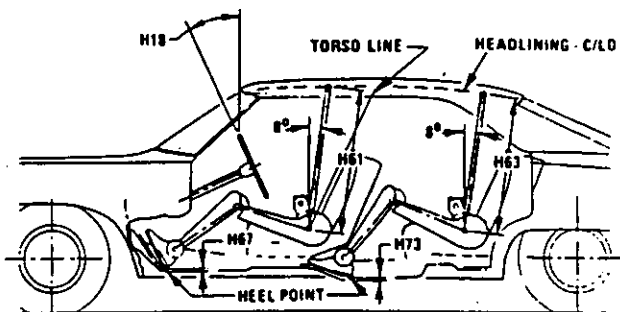
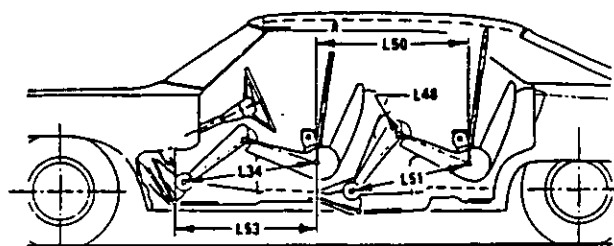
Exterior Ground Clearance



MVMA Specifications Form

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions – Key Sheet

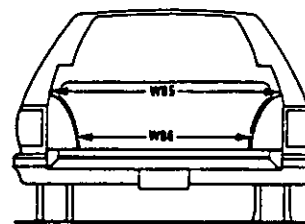
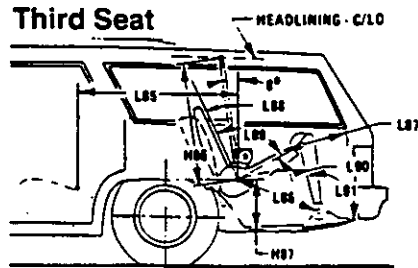


MVMA Specifications

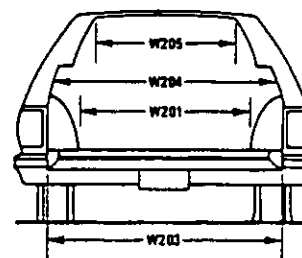
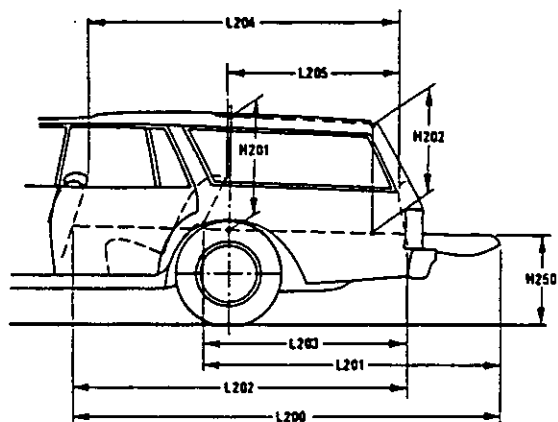
METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions – Key Sheet

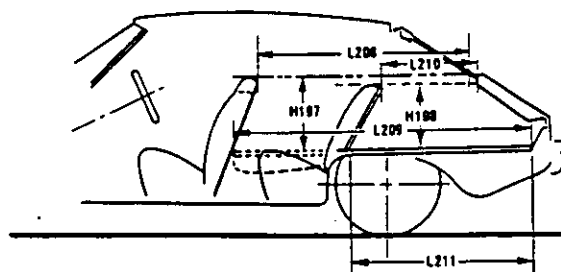
Third Seat



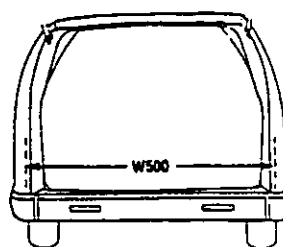
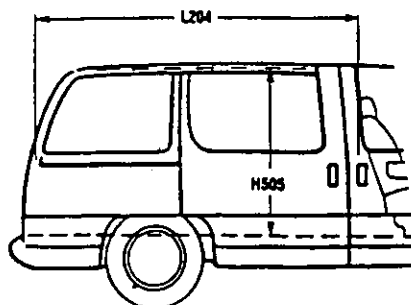
Cargo Space



Station Wagon



Hatchback



Multipurpose Vehicle

MVMA Specifications

METRIC (U.S. Customary)

Exterior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which –

- (a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;
- (b) Has coordinates established relative to the design vehicle structure;
- (c) Simulates the position of the pivot center of the human torso and thigh; and
- (d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Devices for Use in Defining and Measuring Vehicle Seating Accommodations."

Width Dimensions

- W101 TREAD – FRONT. The dimension measured between the tire centerlines at the ground.
- W102 TREAD – REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.
- W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.
- W117 BODY WIDTH AT SgRP – FRONT. The dimension measured laterally between the widest points on the body at the SgRP-front, excluding door handles, applied moldings, or appliques.
- W120 VEHICLE WIDTH – FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.
- W121 VEHICLE WIDTH – REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.
- W122 TUMBLE – HOME. STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door glass at the front SgRP "X" plane.
- W410 OUTSIDE MIRROR WIDTH. The dimension between the widest point on the outside mirrors. The standard right and left mirror adjusted for normal driving will be shown unless otherwise noted. When only one outside mirror is standard, the dimension will be to the zero "Y" plane.

Length Dimensions

- L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.
- L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.
- L104 OVERHANG – FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.
- L105 OVERHANG – REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.

- L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.

- L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be the midpoint of the distance between the rear axle centerlines.

Height Dimensions

- H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.
- H111 ROCKER PANEL – REAR TO GROUND. The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground.
- H112 ROCKER PANEL – FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.
- H114 COWL POINT TO GROUND. Measured at zero "Y" plane.
- H121 BACKLIGHT SLOPE ANGLE. The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO.
- H122 WINDSHIELD SLOPE ANGLE. The angle between the vertical reference line and a chord of the windshield arc running from the lower DLO to the upper DLO at the vehicle zero "Y" plane. In the case of wrap over glass, the angle to be measured will be formed by a chord 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.
- H138 DECK POINT TO GROUND. Measured at zero "Y" plane.
- H109 STATIC LOAD – TIRE RADIUS – REAR. Specified by the manufacturer in accordance with composite TIRE SECTION STANDARD.

Ground Clearance Dimensions

- H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards, if standard equipment.
- H103 FRONT BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H102.
- H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.
- H105 REAR BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H104.
- H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius arc and the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.
- H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius arc and the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.
- H147 RAMP BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.
- H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.
- H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

MVMA Specifications

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

Glass Areas

- S1 Windshield area.
- S2 Side windows area. Includes the front door, rear door, vents, and rear quarter windows on both sides of the vehicle.
- S3 Backlight areas.
- S4 Total area. Total of all areas (S1 + S2 + S3).

Fiducial Mark Dimensions

Fiducial Mark – Number 1

- L54 "X" coordinate.
- W21 "Y" coordinate.
- H81 "Z" coordinate.
- H161 Height "Z" coordinate to ground at curb weight.
- H163 Height "Z" coordinate to ground.

Fiducial Mark – Number 2

- L55 "X" coordinate.
- W22 "Y" coordinate.
- W82 "Z" coordinate.
- H162 Height "Z" coordinate to ground at curb weight.
- H164 Height "Z" coordinate to ground.

Front Compartment Dimensions

- L11 ACCELERATOR HEEL POINT TO STEERING WHEEL CENTER. The dimension measured horizontally from the AHP to the intersection of the steering column centerline and a plane tangent to the upper surface of the steering wheel rim.
- L17 DESIGN H-POINT – FRONT TRAVEL. The dimension measured horizontally between the design H-point – front in the foremost and rearmost seat track positions. (See SAE J1100)
- L23 NORMAL DRIVING AND RIDING SEAT TRACK TRAVEL. The dimension measured horizontally between a point on the design H-point travel line from the SgRP to the displaced point on the design H-point travel line with the seat moved to the foremost seat position, but not to include seat track travel used for purposes other than normal driving and riding positions. (See SAE J1100).
- L31 SgRP – FRONT. "X" COORDINATED.
- L34 MAXIMUM EFFECTIVE LEG ROOM – ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP – front plus 254 mm (10.0 in.) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.
- L-40 BACK ANGLE – FRONT. The angle measured between a vertical line through the SgRP – front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.
- L-42 HIP ANGLE – FRONT. The angle measured between torso line and thigh centerline.
- L44 KNEE ANGLE – FRONT. The angle measured between thigh centerline and lower leg centerline measured on the right leg.
- L46 FOOT ANGLE – FRONT. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the bare foot flesh line measured on the right leg. Ref SAE J826.
- L53 SgRP – FRONT TO HEEL. The dimension measured horizontally from the SgRP – front to the accelerator heel point.
- W3 SHOULDER ROOM – FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP – front at height between the belt line and 254 mm (10.0 in.) above the SgRP – front, excluding the door assist strap and attaching parts.

- W5 HIP ROOM – FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP – front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP – front and 76 mm (3.0 in.) fore and aft of the SgRP – front.
- W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.
- H7 ACCELERATOR HEEL POINT TO THE STEERING WHEEL CENTER. The dimension measured vertically from the AHP – front to the intersection of the steering column centerline to a plane tangent to the upper surface of the steering wheel rim.
- H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
- H30 SgRP – FRONT TO HEEL. The dimension measured vertically from the SgRP – front to the accelerator heel point.
- H50 UPPER BODY OPENING TO GROUND – FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP – front "X" plane.
- H61 EFFECTIVE HEAD ROOM – FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP – front to the headlining plus 102 mm (4.0 in.).
- H67 FLOOR COVERING THICKNESS – UNDEPRESSED – FRONT. The dimension measured vertically from the surface of the undepressed floor covering to the underbody sheet metal at the accelerator heel point.

Rear Compartment Dimensions

- L-41 BACK ANGLE – SECOND. The angle measured between a vertical line through the SgRP – second and the torso line.
- L43 HIP ANGLE – SECOND. The angle measured between torso line and thigh centerline.
- L45 KNEE ANGLE – SECOND. The angle measured between thigh centerline and lower leg centerline.
- L47 FOOT ANGLE – SECOND. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the three-dimensional devices bare foot flesh line (Reference J826).
- L48 KNEE CLEARANCE – SECOND. The minimum dimension measured from the knee pivot center to the back of the front seatback minus 51 mm (2.0 in.).
- L50 SgRP COUPLED DISTANCE – SECOND. The dimension measured horizontally from the driver SgRP – front to the SgRP – second.
- L51 MINIMUM EFFECTIVE LEG ROOM – SECOND. The dimension measured along a line from the ankle pivot center to the SgRP – second plus 254 mm (10.0 in.).
- W4 SHOULDER ROOM – SECOND. The minimum dimension measured laterally between door or quarter trimmed surfaces on the "X" plane through the SgRP – second at height between 254-406 mm (10.0-16.0 in.) above the SgRP – second, excluding the door assist straps and attaching parts.
- W6 HIP ROOM – SECOND. Measured in the same manner as W5.
- H31 SgRP – SECOND TO HEEL. The dimension measured vertically from the SgRP – second to the two dimensional device heel point on the depressed floor covering.
- H51 UPPER BODY OPENING TO GROUND – SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP – second.
- H63 EFFECTIVE HEAD ROOM – SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).
- H73 FLOOR COVERING – DEPRESSED – SECOND. The dimension measured vertically from the heel point to the underbody sheet metal.

MVMA Specifications

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

Luggage Compartment Dimensions

- V1 USABLE LUGGAGE CAPACITY – Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a.

Interior Volumes (EPA Classification)

The Interior Volume Index is listed for each body style except two seaters. The Interior Volume Index estimates the space in a car. It is based on four measurements – head room, shoulder room, hip room, and leg room – for the front and rear seats, plus trunk capacity.

The Trunk/Cargo Index is an estimate of the size of the trunk/cargo space. In station wagons and hatchbacks it is an estimate of the space behind the second seat.

Station Wagon / MPV – Third Seat Dimensions

- L85 SgRP COUPLE DISTANCE – THIRD. The dimension measured horizontally from the SgRP – second to the SgRP – third.
- L86 EFFECTIVE LEG ROOM – THIRD. The dimension measured along a line from the ankle pivot center to the SgRP – third plus 254 mm (10.0 in.).
- L87 KNEE CLEARANCE – THIRD. The minimum dimension from the knee pivot center to the back of second seatback minus a constant of 51 mm (2.0 in.). With rear-facing third seat, dimension is measured to closure.
- L88 BACK ANGLE – THIRD. Measured in the same manner as L41.
- L89 HIP ANGLE – THIRD. Measured in the same manner as L43.
- L90 KNEE ANGLE – THIRD. Measured in the same manner as L45.
- L91 FOOT ANGLE – THIRD. Measured in the same manner as L47.
- W85 SHOULDER ROOM – THIRD. Measured in the same manner as W4.
- W86 HIP ROOM – THIRD. Measured in the same manner as W5.
- H86 EFFECTIVE HEAD ROOM – THIRD. The dimension, measured along a line 8 deg. from the SgRP – third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).
- H87 SgRP – THIRD TO HEEL POINT.
- SD1 SEAT FACING DIRECTION – THIRD.

Station Wagon / MPV – Cargo Space Dimensions

- L200 CARGO LENGTH – OPEN – FRONT. The minimum dimension measured longitudinally from the back of the front seatback at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate at the zero "Y" plane.
- L201 CARGO LENGTH – OPEN – SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

- L202 CARGO LENGTH – CLOSED – FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
- L203 CARGO LENGTH – CLOSED – SECOND. The dimension measured horizontally from the back of the second seat at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
- L204 CARGO LENGTH AT BELT – FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab backpanel at the height of the belt, on the zero "Y" plane.
- L205 CARGO LENGTH AT BELT – SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.
- W201 CARGO WIDTH – WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhouseings at floor level. For any vehicle not trimmed, measure to the sheet metal.
- W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.
- W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.
- W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.
- W500 CARGO WIDTH AT FLOOR. The maximum dimension measured laterally between the limiting interferences at the floor level. This dimension shall include ribs and pillars, but will exclude wheelhouses.
- H197 FRONT SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undeepressed floor covering.
- H201 CARGO HEIGHT. The dimension measured vertically from the top of the undeepressed floor covering to the headlining at the rear wheel "X" coordinate on the zero "Y" plane.
- H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undeepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.
- H250 TAILGATE TO GROUND CURB MASS (WT.). The dimension measured vertically from the top of the undeepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.
- H505 MAXIMUM CARGO HEIGHT. The maximum vertical dimension rear of the front seat from the cargo floor to roof bow or headlining at the zero "Y" plane.

MVMA Specifications

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions -- Key Sheet Dimensions Definitions

V2 STATION WAGON

Measured in inches:

$$\frac{W4 \times H201 \times L204}{1728} = \text{ft}^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

V4 HIDDEN LUGGAGE CAPACITY -- REAR OF FRONT SEAT.

The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.

V5 TRUCKS AND MPV'S WITH OPEN AREA.

Measured in inches:

$$\frac{L506 \times W505 \times H503}{1728} = \text{ft}^3$$

Measured in mm:

$$\frac{L506 \times W500 \times H503}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

V6 TRUCKS AND MPV'S WITH CLOSED AREA.

Measured in inches:

$$\frac{L204 \times W500 \times H505}{1728} = \text{ft}^3$$

Measured in mm:

$$\frac{L204 \times W500 \times H505}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

V8 HIDDEN LUGGAGE CAPACITY -- REAR OF SECOND SEAT.

The total volume of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the second seat.

V10 STATION WAGON CARGO VOLUME INDEX.

Measured in inches:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{1728} = \text{ft}^3$$

Measured in mm:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

Hatchback -- Cargo Space Dimensions

All hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position. (For electronically adjusted seats, see the manufacturer's specifications for Design "H" Point).

L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.

L209 CARGO LENGTH AT FLOOR -- FRONT. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

L210 CARGO LENGTH AT SECOND SEATBACK HEIGHT. The minimum dimension measured from the "X" plane tangent to the rearmost surface of second seatback or the load floor which is stowed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "X" plane.

L211 CARGO LENGTH AT FLOOR -- SECOND SEATBACK. The minimum horizontal dimension measured at floor level from the rear of the second seatback or load floor panel to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the second seatback to the undepressed floor covering.

V3 HATCHBACK.

Measured in inches:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = \text{ft}^3$$

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

V4 HIDDEN LUGGAGE CAPACITY -- REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.

V11 HATCHBACK CARGO VOLUME INDEX. Usable luggage (one (1) stand and luggage set) below floor:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{1728} = \text{ft}^3$$

Measured in mm:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

MVMA Specifications

METRIC (U.S. Customary)

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