

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1990

Manufacturer CHRYSLER MOTORS CORPORATION	Vehicle Line EAGLE SUMMIT	
Mailing Address DETROIT, MICHIGAN 48288	Issued 9-15-89	Revised

Direct questions concerning these specifications to the manufacturer listed above.

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

MVMA Specifications Form

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 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 Eagle Summit
 Model Year 1990 Issued 1989-4 Revised (*) _____

METRIC (U.S. Customary)

Vehicle Origin

Design & development (company)	Mitsubishi Motors Corporation
Where built (country)	JAPAN
Authorized U.S. sales marketing representative	Chrysler Motors Corp.

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)
4 DOOR SEDAN (FWD)		C62ASN MEL 2/7 C62ASK MEL 2/7 C62ASN DEL 2/7 C62ASK DEL 2/7 C62ASN JEL 2/7 C62ASK JEL 2/7 C63ASN JML 2/7 C63ASRJML 2/7 C63ASN PML 2/7 C63ASRPML 2/7	5 (2/3) 5 (2/3) 5 (2/3) 5 (2/3) 5 (2/3) 5 (2/3) 5 (2/3) 5 (2/3) 5 (2/3) 5 (2/3)	35 kg (77 lbs)

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

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Power Teams

SAE J1349 Net bhp (brake horsepower) and Net Torque corrected to 77°F/25°C and 29.61 in. Hg/100 kPa atmospheric pressure.

		A	B	C	D
ENGINE	Engine Code	4G15	4G15	4G61	4G61
	Displacement Liters (in ³)	1.468 (90)	1.468 (90)	1.596 (97)	1.596 (97)
	Induction system (FI, Carb, etc.)	F.I.	F.I.	F.I.	F.I.
	Compression ratio	9.4	9.4	9.2	9.2
	SAE Net at RPM	60 (81) at 5500	60 (81) at 5500	92 (123) at 6500	92 (123) at 6500
	Power kW (bhp) Torque N • m (lb. ft.)	126 (91) at 3000	126 (91) at 3000	137(101) at 5000	137 (101) at 5000
TRANS	Exhaust single, dual	Dual	Dual	Dual	Dual
	Transmission/ Transaxle	Manual 5-Speed	Automatic 3-Speed	Manual 5-Speed	Automatic 4-Speed
	Axle Ratio (std. first)	4.021	3.600	4.592	4.062

Series Availability		Power Teams (A - B - C - D)	
Model	Code	Standard	Optional
4 DOOR SEDAN	C62ASNMEL	A	-
	C62ASKMEL	B	-
	C62ASNDEL	A	-
	C62ASKDEL	B	-
	C62ASNJEL	A	-
	C62ASKJEL	B	-
	C63ASNJML	C	-
	C63ASRJML	D	-
	C63ASNPML	C	-
	C63ASRPML	D	-

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Vehicle Line Eagle Summit
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Engine Description
Engine Code

4G15(1.468 Liters)		4G61(1.596 Liters)	
MT	AT	MT	AT

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)

In line, Front, Transverse

Manufacturer		Mitsubishi Motors Corporation			
No. of cylinders		4			
Bore		75.5		82.3	
Stroke		82		75	
Bore spacing (C / L to C / L)		82		93	
Cylinder block material & mass kg (lbs.) (machined)		Cast iron, 27.1 (59.7)		Cast iron, 37 (82.2)	
Cylinder block deck height		201		220	
Cylinder block length		362		400.5	
Deck clearance (minimum) (above or below block)		0			
Cylinder head material & mass kg (lbs.)		Aluminum alloy, 6.5 (14.3)		Aluminum alloy, 11.5 (25.4)	
Cylinder head volume (cm³)		31.0		44.3	
Cylinder liner material		N.A.			
Head gasket thickness (compressed)		1.25			
Minimum combustion chamber total volume (cm³)		43.7		48.5	
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, 4.4 (9.9)		Aluminum alloy, 5.5 (12.1)	
Exhaust manifold material & mass [kg (lbs.)]**		Cast iron, 5.2 (11.6)		Cast iron, 7.1 (15.8)	
Fuel required unleaded, diesel, etc.		Unleaded			
Fuel antiknock index (R + M) + 2		No less than 87			
Engine mounts	Quantity	4			
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.	Elastomeric			
	Added isolation (sub-frame, crossmember, etc.)	Crossmember			
Total dressed engine mass (wt) dry***		106	100	146	143

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum alloy			
	242 (9)		329 (11.6)	

Engine - Camshaft

Location		Cylinder Head	
Material & mass kg (weight, lbs.)		Cast iron	
		2.39 (5.27)	1.90 (4.19)
Drive type	Chain / belt	Belt	
	Width / pitch	19.1 / 9.525	29 / 9.525 (mm)

* Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Finished state.

*** Dressed engine mass (weight) includes the following:

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Engine – Valve System

Hydraulic lifters (std., opt., NA)	N.A.	Std.
Valves	Number intake / exhaust	8 / 8
	Head O.D. intake / exhaust	34 / 30.5 (mm)

Engine – Connecting Rods

Material & mass [kg., (weight, lbs.)]*	Forged iron, 0.490(1.08)	Drop-forged steel, 0.690(1.52)
Length (axes E to E) mm	131	150

Engine – Crankshaft

Material & mass [kg., (weight, lbs.)]*	Cast iron, 10.1 (22.27)	Drop-forged steel, 15.7(34.61)
End thrust taken by bearing (no.)	3	
Length & number of main bearings	19mm, 5	23mm, 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 (42.6) 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.)	3.0 (2.6)	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)	88 (190.4)			
Water pump	Type (centrifugal, other)	Centrifugal			
	GPM 1000 pump rpm	-			
	Number of pumps	1			
	Drive (V-belt, other)	V ribbed belt			
	Bearing type	Ball integral shaft permanently sealed			
	Impeller material	Cold-rolled carbon steel sheet			
	Housing material	Aluminum die casting			
	By-pass recirculation [type (inter., ext.)]		External		
Cooling system capacity	With heater-L(qt.)	5.0 (4.4)		6.0 (5.3)	
	With air cond.-L(qt.)	5.0 (4.4)		6.0 (5.3)	
	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 2.6 (5.7)	Copper & Brass 5.2 (11.5)	Copper & Brass 5.0 (11.0)	Copper & Brass 5.6 (12.3)
	Width	668			(mm)
	Height	375			(mm)
	Thickness	16			32 (mm)
	Fins per inch	15		20	
Radiator end tank material		plastic			
Fan	Std., elec., opt.	Electric			
	Number of blades & type (flex, solid, material)	4			
	Diameter & projected width	300			(mm)
	Ratio (fan to crankshaft rev.)	N.A.			
	Fan cutout type	N.A.			
	Drive type (direct, remote)	N.A.			
	RPM at idle (elec.)	1800		1950	
	Motor rating (wattage) (elec.)	45		80	
	Motor switch (type & location) (elec.)	Thermo switch, RAD			
	Switch point (temp., pressure) (elec.)	82°C-85°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		Mitsubishi Electric Co., Ltd.	
Carburetor no. of barrels		-	
Idle A/F mix.		14.7	
Fuel injection	Point of injection (no.)	Air intake port (Four)	Cylinder head (Four)
	Constant, pulse, flow	5.76mm ² / 2.5m sec	6.07mm ² / 2.5m sec
	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
	Automatic	N position 750	A/C ON : 850
		D position 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 filter, Engine room	
Fuel pump	Type (elec. or mech.)	Electric	
	Location (eng., tank)	Tank	
	Pressure range [kPa (psi)]	190-340 (28-50)	
	Flow rate at regulated pressure (L (gal)/hr @ kPa (psi))	0.36 L/hr	

Fuel Tank

Capacity (refill L (gallons))		50 (13.2)
Location (describe)		Underneath rear seat pan
Attachment		Weld bolt & nut
Material & Mass (kg (weight lbs))		Steel, 10.0 (22.0)
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	-	
		Driven by	-	
		Air distribution (head, manifold, etc.)	-	
		Point of entry	-	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Controlled flow	
		Exhaust source	Exhaust port No.2	
		Point of exhaust injection (spacer, carburetor, manifold, other)	Intake manifold	Exhaust port No.4 Intake manifold
	Catalytic Converter	Type	Three-way	
		Number of	1	
		Location(s)	Under floor	
		Volume (L (in ³))	0.8 (48.8) + 0.6 (36.6)	
		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	
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass (kg (weight lbs))		One (Reverse flow), Stainless Steel plate, 5.45 (12.02)	Two (Reverse flow), Stainless Steel plate, 6.01 (13.25)
Resonator no. & type		None	One
Exhaust pipe	Branch o.d., wall thickness	42.7 x 1.2	
	Main o.d., wall thickness	42.7 x 1.2	42.7 x 1.2 (mm)
	Material & Mass (kg (weight lbs))	Stainless steel tube, 1.78(3.92)	Stainless steel tube, 1.78(3.92)
Inter-mediate pipe	o.d. & wall thickness	42.7 x 1.5	48.6 x 1.5 (mm)
	Material & Mass (kg (weight lbs))	Stainless steel tube, 3.99(8.78)	Stainless steel tube, 4.55(10.01)
Tail pipe	o.d. & wall thickness	42.7 x 1.2	35 x 1.2 (mm)
	Material & Mass (kg (weight lbs))	Stainless steel tube, 0.84(1.85)	Stainless steel tube, 1.42(3.12)

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

Manual 3-speed (manufacturer/country)	N.A.
Manual 4-speed (manufacturer/country)	N.A.
Manual 5-speed (manufacturer/country)	Std., Mitsubishi Motors Corp. / Japan
Automatic (manufacturer/country)	Std., Mitsubishi Motors Corp. / Japan
Automatic overdrive (manufacturer/country)	N.A. Std. Mitsubishi Motors Corp./Japan

Manual Transmission/Transaxle

Number of forward speeds		5	
Gear ratios	1st	3.363	3.083
	2nd	1.947	1.947
	3rd	1.285	1.285
	4th	0.939	0.939
	5th	0.777	0.756
	Reverse	3.083	3.083
Synchronous meshing (specify gears)		1, 2, 3, 4, 5	
Shift lever location		Floor	
Trans. case mat'l. & mass kg (lbs)*		Aluminum alloy, 9.8(21.5)	Aluminum alloy, 9.9(21.8)
Lubricant	Capacity [L (pt.)]	1.8	
	Type recommended	Multipurpose gear oil conforming to API GL-4	

Clutch (Manual Transmission)

Clutch manufacturer		Aisin Seiki 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, new) N (lbs)	Depressed	118 (27)	
	Released	78 (18)	
Assist (spring, power/percent, nominal)		No	
Type pressure plate springs		Diaphragm	
Total spring load (nominal, new) N (lbs)		3481 (783)	
Clutch facing	Facing mfr. & material coding	Hitachi Chemical Co. Ltd.	Aisin Chemical Co., Ltd.
	Facing material & construction	Woven	Semi mold
	Rivets per facing	16	
	Outside x inside dia. (nominal)	200 x 130 (mm)	
	Total eff. area [cm ² (in. ²)]	363 (56.3)	
	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	Flate-wave springs	
Release bearing type & method lub.		Ball bearing, permanently lubricated	
Torsional damping method, springs, hysteresis		Damper rubbers	

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

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☒ Automatic Transmission/Transaxle

Trade Name		Mitsubishi Motors Corp. F3A21	Mitsubishi Motors Corp. F4A21
Type and special features (describe)		Lock up torque converter with automatically operated planetary gear transmission. F3A21	Lock up torque converter with automatically operated planetary gear transmission. Electronic control F4A21
Gear selector	Location (column, floor, other)	Lever : Console 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	2.846	2.846
	2nd	1.581	1.581
	3rd	1.000	1.000
	4th	-	0.685
	Reverse	2.176	2.176
Max. upshift speed - drive range [km/h (mph)]		1-2 51 (32), 2-3 97 (60)	1-2 52 (33), 2-3 103(64), 3-4 171 (107)
Max. kickdown speed - drive range [km/h (mph)]		2-1 48 (30), 3-2 91 (57)	2-1 45(28), 3-2 96(60), 4-3 155(97)
Min. overdrive speed [km/h (mph)]		-	26 (16)
Torque converter	Number of elements	Three	
	Max. ratio at stall	2.17 : 1	
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	240	
	Capacity factor "K"	245	
Lubricant	Capacity (refill L(pt.))	6.1 (12.9)	
	Type recommended	DEXRON II or DEXRON automatic trans. fluid	
Oil cooler (std., opt., N.A., internal, external, air, liquid)		Std., External liquid	
Transmission mass [kg (lbs)] & case material **		Aluminum alloy, 11.4 (25.1)	Aluminum alloy, 12.3 (27.1)

☒ 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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MT	AT	MT	AT

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

Effective final drive ratio (or overall top gear ratio)		3.666	3.200	4.187	3.611
Transfer ratio and method (chain, gear, etc.)		1.096	1.125	1.096	1.125
Front drive unit	Ring gear o.d.	176.7	171.6	180.8	175.7
	No. of teeth				
	Pinion	18	20	16	18
	Ring gear	66	64	67	65

⊗ Front Drive Unit

Description (integral to trans., etc.)		Separable
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 Tapered roller 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			Mitsubishi Motors Corp., Two		Toyo Bearing Co.,Ltd., Two	
Type (straight, solid bar, tubular, etc.)		Left	Straight bar			
		Right	Straight bar			
Outer diam. x length* x wall thickness	Manual transaxle	Left	24 x 695		26 x 692	
		Right	24 x 368		23.2 x 357	
	Automatic transaxle	Left	24 x 695		26 x 692	
		Right	24 x 368		23.2 x 364	
	Optional transaxle	Left	-		-	
		Right	-		-	
Slip yoke	Type		None			
	Number of teeth		-			
	Spline o.d.		-			
Universal joints	Make and mfg. no.	Inner	Mitsubishi Motors Corp.		Toyo Bearing Co., Ltd.	
		Outer	Mitsubishi Motors Corp.		Toyo Bearing Co.,Ltd.	
	Number used		Two x Two			
	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 & Strut			
Torque taken through (torque tube, arms or springs)			Lower arm & Strut			

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

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Body Type And/Or
Engine Displacement

C62A	C63A			
	SNJML	SRJML	SNPML	SRPML

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.
Shock absorber (front & rear)	Type	Front: Strut type Rear: Telescopic type
	Make	Kayaba Industry Co., Ltd.
	Piston diameter	Front: ϕ 32 Rear: ϕ 25 Front: ϕ 30 Rear: ϕ 25 (mm)
	Rod diameter	Front: ϕ 22 Rear: ϕ 12.5 (mm)

Suspension - Front

Type and description		Independent strut type					
Travel*	Full jounce	110 (mm)					
	Full rebound	60 (mm)					
Spring	Type (coil, leaf, other) & material	Spring steel					
	Insulators (type & material)	-					
	Size (coil design height & i.d.)	390 or 394 145.6 or 147.4	407 142.7	416 142.7	371 145.8	379 145.8	
	Spring rate [N/mm (lb./in.)]	15.69(90) or 16.08(92)		16.08 (92)		18.63 (106)	
	Rate at wheel [N/mm (lb./in.)]	14.46(83) or 14.82(85)		14.82 (85)		17.17 (98)	
Stabilizer	Type (link, linkless, frameless)	Link					
	Material & bar diameter	S45C or S48C. ϕ 16	S45C or S48C. ϕ 20				(mm)

Suspension - Rear

Type and description			3 Link torsionaxle	
Travel*	Full jounce		130 (mm)	
	Full rebound		60 (mm)	
Spring	Type (coil, leaf, other) & material		Spring Steel	
	Size (length x width, coil design height & i.d.)		349 85.2	333 85.1
	Spring rate [N/mm (lb./in.)]		16.17 (92)	18.23 (104)
	Rate at wheel [N/mm (lb./in.)]		15.68 (90)	17.64 (101)
	Insulators (type & material)		Rubber pad	
	If leaf	No. of leaves	—	
		Shackle (comp. or tens.)	—	
Stabilizer	Type (link, linkless, frameless)		—	
	Material & bar diameter		—	
Track bar (type)			—	

* Define load condition:

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METRIC (U.S. Customary)

Body Type And/Or
Engine Displacement

C62A

C63A

Brakes - Service

Description					
Manufacturer and brake type (std., opt., n.a.)		Front (disc or drum)	AKEBONO Brake Industry Co., Ltd., Disc		
		Rear (disc or drum)	AKEBONO Brake Industry Co.,Ltd.,Drum AKEBONO Brake Industry Co.,Ltd.,Disc		
Valving type (proportion, delay, metering, other)			Proportioning 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)		N.A.		
Traction control	Operational speed range		N.A.		
	Type engine intervention (electronic, mech.)		N.A.		
Anti-lock device	Front/rear (std., opt., n.a.)		-		
	Manufacturer		-		
	Type (electronic, mech.)		-		
	Number sensors or circuits		-		
	Number anti-lock hydraulic circuits		-		
	Integral or add-on system		-		
	Yaw control (yes, no)		-		
	Hydraulic power source (elect., vac. mtr., pwr. strg.)		-		
Effective area (cm ² (in. ²))*			F: 200(31.0)/R: 208(32.2)	F: 200(31.0)/R: 120(18.6)	
Gross lining area (cm ² (in. ²))* (F/R)			F: 206(31.9)/R: 208(32.2)	F: 206(31.9)/R: 120(18.6)	
Swept area (cm ² (in. ²))* (F/R)			F: 1140(176.7)/R: 396(61.4)	F: 1281(198.6)/R: 1177(182.5)	
Rotor	Outerworking diameter	F/R	F: 240 /R: -	F: 264 /R: 263 (mm)	
	Inner working diameter	F/R	F: 146 /R: -	F: 170 /R: 178 (mm)	
	Thickness	F/R	F: 18 /R: -	F: 24 /R: 10 (mm)	
	Material & type (vented/solid)	F/R	F: Cast iron(Vented)/R: -	F: Cast iron(Vented)/R: Cast iron(Solid)	
Drum	Diameter & width	F/R	F: - /R: 180 & 39.5	- (mm)	
	Type and material	F/R	F: - /R: Cast iron	-	
Wheel cylinder bore			F: 53.97 /R: 19.05	F: 53.97 /R: 30.16 (mm)	
Master cylinder	Bore/stroke	F/R	Bore22.22/Stroke(Pri:13,Sec:15)		
Pedal arc ratio			4.5		
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]			10823 (1578)		
Lining clearance		F/R	F: No major adjustment required R: 0.15-0.35(Self adjustment)	F/R: No major adjustment required	
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)		Bonded	
		Rivet size		-	
		Manufacturer		Sumitomo Electric Industry Co., Ltd.	
		Lining code*****		SUMITOMO M2234EE	SUMITOMO M2234EE
		Material		Molded	
		****	Primary or out-board	116 x 43.1 x 10.5	116 x 43.1 x 10.5 (mm)
		Size	Secondary or in-board	116 x 43.1 x 10.5	116 x 43.1 x 10.5 (mm)
		Shoe thickness (no lining)		5.0 (mm)	
	Rear wheel	Bonded or riveted (rivets/seg.)		Bonded	
		Manufacturer		AKEBONO Brake Industry Co., Ltd.	
		Lining code*****		AKP 330 FF	AKS 26 GF
		Material		Molded	
		****	Primary or out-board	148.6 x 35 x 4.3	72.0 x 41.6 x 8.5 (mm)
		Size	Secondary or in-board	148.6 x 35 x 4.3	72.0 x 41.6 x 8.5 (mm)
		Shoe thickness (no lining)		1.6	6.0 (mm)

*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 or formulation designation and coefficient of friction classification.

MVMA Specifications

Vehicle Line Eagle Summit
 Model Year 1990 Issued 1989-4 Revised (e) _____

METRIC (U.S. Customary)

Body Type And/Or
 Engine Displacement

C62A			C63A
SNMEL, SKMEL	SNDEL, SKDEL	SNJEL, SKJEL	

Tires And Wheels (Standard)

Tires	Size (load range, ply)	P155/80R13, B	P175/70R13, B	P195/60R14, B
	Type (bias, radial, steel, nylon, etc.)	Radial		
	Inflation pressure (cold) for recommended max. vehicle load	Front (kPa (psi))	200 (29)	
		Rear (kPa (psi))	200 (29)	
	Rev./mile—at 70 km/h (45 mph)	915		921
Wheels	Type & material	Disc, Steel		
	Rim (size & flange type)	13 x 5J		14 x 5 1/2J
	Wheel offset	46		
	Attachment	Type (bolt or stud)	Stud.	
		Circle diameter	114.3	
Spare		Number & size	Four M12 x 1.5 (Metric)	
	Tire and wheel	T105 / 70D14 High pressure tire		T125 / 70D15 High pressure tire
	Storage position & location (describe)	On cargo Floor		

Tires And Wheels (Optional)

Tire size (load range, ply)	P155/80R13, B	P175/70R13, B	P195/60R14, B
Type (bias, radial, steel, nylon, etc.)	Radial		
Wheel (type & material)	Disc, Aluminum		
Rim (size, flange type and offset)	13 x 5J, 46		14x5 1/2J, 46
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		1 Handle, Hand-operated
Location of control		Between front seats
Operates on		Rear Wheels
If separate from service brakes	Type (internal or external)	—
	Drum diameter	—
	Lining size (length x width x thickness)	—

MVMA Specifications

Vehicle Line Eagle Summit
 Model Year 1990 Issued 1989-4 Revised (•) _____

METRIC (U.S. Customary)

Body Type And/Or
 Engine Displacement

C62A		C63A
SNMEL, SKMEL, SNDEL, SKDEL	SNJEL, SKJEL	

Steering

Manual (std., opt., n.a.)			Std.	-
Power (std., opt., n.a.)			Opt.	Std.
Adjustable steering wheel/column (tilt, telescope, other)	Type		-	Tilt & Telescope
	Manufacturer		-	Mitsubishi Motors Corporation
	(Std., opt., n.a.)		N.A.	Std.
Wheel diameter** (W9) SAE J1100		Manual	370	-
		Power	370	376
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	10.2	10.8
		Curb to curb (l. & r.)	9.4	10.0
	Inside rear	Wall to wall (l. & r.)	-	-
		Curb to curb (l. & r.)	-	-
Scrub Radius*			-2	
Manual	Gear	Type	Rack & Pinion	-
		Manufacturer	Koyo Seiko Co., Ltd.	-
		Ratios	Gear	∞
	Overall	22	-	
	No. wheel turns (stop to stop)		4.28	-
Power	Type (coaxial, elec., hyd., etc.)		Coaxial	
	Manufacturer		Koyo Seiko Co., Ltd.	
	Gear	Type	Rack & Pinion	
		Ratios	Gear	∞
			Overall	16
	Pump (drive)		V - belt	
No. wheel turns (stop to stop)		3.15	2.93	
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.)		12°30'	
	Bearings (type)	Upper	Ball bearing	
		Lower	Ball joint	
		Thrust	N.A.	
Steering spindle/knuckle & joint type			Ball	
Wheel spindle/hub	Diameter	Inner bearing	38.100	
		Outer bearing	38.100	
	Thread (size)		M22 x 1.5 (Metric)	
	Bearing (type)		Tapered roller	

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

**See Page 22

MVMA Specifications

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Body Type And/Or
Engine Displacement

C62A			C63A
SNMEL, SKMEL	SNDEL, SKDEL	SNJEL, SKJEL	

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	2°20'
		Camber (deg.)	0°
		Toe-in [outside track-mm (in.)]	0 ± 3 (0 ± 0.118)
	Service reset*	Caster	Set as above
		Camber	Set as above
		Toe-in	Set as above
	Periodic M.V. inspection	Caster	-
		Camber	-
		Toe-in	-
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	-40' ± 30'
		Toe-in [outside track-mm (in.)]	2 ± 3 (0.079 ± 0.118)
	Service reset*	Camber	Set as above
		Toe-in	Set as above
	Periodic M.V. inspection	Camber	-
		Toe-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.	
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 (N.A.)	
Oil pressure indicator	Type	Pressure switch	
	Warning device (light, audible)	Light	
Fuel indicator	Type	Cross coil	
	Warning device (light, audible)	Driving pointer & Light	
Wind-shield wiper	Type (standard)	Electric two speed	Electric two speed with intermittent
	Type (optional)	N.A.	With variable intermittent
	Blade length	500 / 425	
	Swept area [cm² (in.²)]	6340 (983)	
Wind-shield washer	Type (standard)	Electric	
	Type (optional)	N.A.	
	Fluid level indicator (light, audible)	N.A.	Light
Rear window wiper, wiper washer (std., opt., n.a.)		N.A.	
Horn	Type	80 diameter	
	Number used	One	Two
Other		Brake system and parking brake warning light, Fasten belts warning light.	

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line Eagle Summit
Model Year 1990 Issued 1989-4 Revised (•) _____

Engine Description
Engine Code

4G15 (1.468 Liters)		4G61 (1.596 Liters)	
MT	AT	MT	AT

Electrical – Supply System

		Yuasa Battery Co., Ltd., Japan Storage Battery Co., Ltd.			
Battery	Manufacturer	Matsushita Battery Ind. Co., Ltd. or Shin-Kobe Electric Machinery Co., Ltd.			
	Model, std., (opt.)	55B 24R(S)-MF			
	Voltage	12			
	Amps at 0°F cold crank	433			
	Minutes-reserve capacity	79			
	Amp/hrs. - 20 hr. rate	45			
		Location			
		Front, right side of engine compartment			
Alternator	Manufacturer	Mitsubishi Electric Corp.			
	Rating (idle/max. rpm)	75A	65A	75A	
	Ratio (alt. crank/rev.)	2.25		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 _____ °F				
	Power rating (kw (hp))	0.7 (0.9)	0.9 (1.2)	1.2 (1.6)	
Motor drive	Engagement type	Solenoid			
	Pinion engages from (front, rear)	Front			

Electrical – Ignition System

Type	Electronic (std., opt., n.a.)		Std.	
	Other (specify)		N.A.	
Coil	Manufacturer		Diamond Electric Manufacturing Co., Ltd.	Mitsubishi
	Model		F-088	H4T00172
	Current	Engine stopped - A	0	
		Engine idling - A	1.4	
Spark plug	Manufacturer		NGK Spark Plug Co., Ltd. Champion Spark Plug Co., Ltd. or Nippon Denso	
	Model		BPR6ES-11, W20EPR-11, RN9YC4	
	Thread (mm)		14	
	Tightening torque [N-m (lb. ft)]		20 to 30 (15 to 22)	
	Gap		1.0 to 1.1 (mm)	
	Number per cylinder		1	
Distributor	Manufacturer		Mitsubishi Electric Corp.	N.A.
	Model		T3T64173	N.A.

Electrical – Suppression

Locations & type					
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MVMA Specifications

METRIC (U.S. Customary)

Vehicle Models Eagle Summit
Model Year 1990 Issued 1989-4 Revised (•) _____

Body Type

C62A			C63A
SNMEL, SKMEL	SNDEL, SKDEL	SNJEL, SKJEL	

Body

Structure	Monocock body
Bumper system front - rear	Impact absorbing System Fascia (Polyurethane) Energy absorber (Polyurethane) Reinforcement (Steel)
Anti-corrosion treatment	Cathodic ED paint Extended use of galvanized steel Wax injection Stone chipping resistance coating

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)	Heat Setting acrylic enamel	
Hood	Material & mass	Steel, 13.3 (kg)
	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	-
	Release control (internal, external)	Internal
Trunk lid	Material & mass	Steel, 13.2 (kg)
	Type (counterbalance, other)	Spring
	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
	Rear	Bench, Foam
	3rd seat	-
Seat back type (e.g., 60/40, bucket, bench, wire, foam etc.)	Front	Bucket, Spring
	Rear	Bench, Foam 60 / 40, Foam
	3rd seat	-

MVMA Specifications Form
METRIC (U.S. Customary)

Vehicle Line Eagle Summit
 Model Year 1990 Issued 1989-4 Revised (•) _____

Body Type

C62A, C63A

Restraint System

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

Glass	SAE Ref. No.	
Windshield glass exposed surface area (cm ² (in. ²))	S1	9740 (1510)
Side glass exposed surface area (cm ² (in. ²)) - total 2-sides	S2	10440 (1618)
Backlight glass exposed surface area (cm ² (in. ²))	S3	5787 (897)
Total glass exposed surface area (cm ² (in. ²))	S4	25967 (4025)
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	Proper Type
Lo-beam type (2A1, 2B1, 2C1, etc.)	# 9006
Quantity	2
Hi-beam type (1A1, 2A1, 1C1, 2C1, etc.)	# 9005
Quantity	2

Frame

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

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Vehicle Line Eagle Summit
 Model Year 1990 Issued 1989-4 Revised (●) _____

Body Type

C62A			C63A
SNMEL, SKMEL	SNDEL, SKDEL	SNJEL, SKJEL	

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

Air conditioning (manual, auto. temp control)		Opt. (Manual temp. control)	
Clock (digital, analog)		N.A.	Opt. (Digital) Std. (Digital)
Compass/thermometer		N.A.	
Console (floor, overhead)		Floor console	
Defroster, elec. backlight		Opt.	Std.
Electronic	Diagnostic monitor (integrated, individual)	Integrated	
	Instrument cluster (list instruments)	N.A.	
	Keyless entry	N.A.	
	Tripminder (avg. spd., fuel)	N.A.	
	Voice alert (list items)	N.A.	
	Other	N.A.	
Fuel door lock (remote, key, electric)		Key	Remote & Key
Lamps	Auto head on/off delay, dimming	N.A.	
	Cornering	N.A.	
	Courtesy (map, reading)	N.A.	
	Door lock, ignition	N.A.	
	Engine compartment	N.A.	
	Fog	N.A.	
	Glove compartment	N.A.	
	Trunk	N.A.	Std.
	Illuminated entry system (list lamps, activation)		
	Other	—	
Mirrors	Day/night (auto. man.)	Std. (Man.)	
	L.H. (remote, power, heated)	Std. (Remote)	Std. (Remote), Opt. (Power)
	R. H. (convex, remote, power, heated)	Std. (Remote)	Std. (Remote), Opt. (Power)
	Visor vanity (RH / LH, illuminated)	N.A.	RH
Navigation system (describe)		N.A.	
Parking brake-auto release (warning light)		N.A.	

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line Eagle Summit
 Model Year 1990 Issued 1989-4 Revised (•) _____

Engine Description
 Engine Code

C62A			C63A
SNMEL, SKMEL	SNDEL, SKDEL	SNJEL, SKJEL	

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

Power equipment	Deck lid (release, pull down)		N.A.	
	Door locks (manual, automatic, describe system)		N.A.	Opt. (Man.)
	Seats	2 - 4 - 6 way, etc.	N.A.	
		Reclining (R.H., L.H.)	N.A.	
		Memory (R.H., L.H., preset, recline)	N.A.	
		Lumbar, hip, thigh, support	N.A.	
		Heated (R.H., L.H., other)	N.A.	
	Side windows		N.A.	Opt.
	Vent windows		N.A.	
	Rear windows		N.A.	
Radio systems	Antenna (location, whip, w/ shield, power)		Opt. (Whip on Front Fender)	
	Standard		N.A.	
	Optional	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	Opt. (AM/FM MPX ETR)	
			-	Opt. (AM/FM MPX ETR. Cassette Stereo)
			-	Opt. (AM/FM MPX ETR, Cassette Stereo With Graphic Equalizer)
			Speaker (number, location)	
	Roof: open air or fixed (flip-up, sliding, "T")		N.A.	
Speed control device		N.A.	Opt.	
Speed warning device (light, buzzer, etc.)		N.A.		
Tachometer (rpm)		N.A.	Std.	
Telephone system (describe)		N.A.		
Theft deterrent system		Disc tumbler, key locks on ignition switch, Doors, Fuel lid, Luggage compartment & Lokable Steering.		

MVMA Specifications

Vehicle Line Eagle Summit

Model Year 1990

Issued 1989-4

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.

Body Type

SAE
Ref.
No.

C62A, C63A

Width

Tread (front)	W101	1430
Tread (rear)	W102	1430
Vehicle width	W103	1670
Body width at Sg RP (front)	W117	1650
Vehicle width (front doors open)	W120	3570
Vehicle width (rear doors open)	W121	3327
Tumble-home (deg.)	W122	25°
Outside mirror width	W410	1950

Length

Wheelbase	L101	2455
Vehicle length	L103	4320
Overhang (front)	L104	900
Overhang (rear)	L105	965
Upper structure length	L123	2490
Rear wheel C/L "X" coordinate	L127	2450

Height*

Passenger distribution (front/rear)	PD1.2.3	Front : 2, Rear : 3
Trunk/cargo load		-
Vehicle height	H101	1340
Cowl point to ground	H114	883
Deck point to ground	H138	938
Rocker panel-front to ground	H112	153
Rocker panel-rear to ground	H111	137
Windshield slope angle	H122	60
Backlight slope angle	H121	48

Ground Clearance*

Front bumper to ground	H102	216
Rear bumper to ground	H104	235
Bumper to ground (front at curb mass (wt.))	H103	247
Bumper to ground (rear at curb mass (wt.))	H105	308
Angle of approach (degrees)	H106	18.5°
Angle of departure (degrees)	H107	13°
Ramp breakover angle (degrees)	H147	8.5°
Axle differential to ground (front/rear)	H153	170
Min. running round clearance	H156	90
Location of min. run. grd. clear.		Exhaust pipe

* 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 Eagle Summit

Model Year 1990 Issued 1989-4 Revised (*)

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Body Type

C62A, C63A

SAE
Ref.
No.

Front Compartment

SgRP front, "X" coordinate	L31	1310
Effective head room	H61	992
Max. eff. leg room (accelerator)	L34	1065
SgRP to heel point	H30	250
SgRP to heel point	L53	830
Back angle	L40	25°
Hip angle	L42	94°
Knee angle	L44	118°
Foot angle	L46	87°
Design H-point front travel	L17	220
Normal driving & riding seat track trvl.	L23	220
Shoulder room	W3	1360
Hip room	W5	1340
Upper body opening to ground	H50	1224
Steering wheel maximum diameter*	W9	370
Steering wheel angle	H18	25.3
Accel. heel pt. to steer. whl. cntr	L11	416
Accel. heel pt. to steer. whl. cntr	H17	628
Undepressed floor covering thickness	H67	10

Rear Compartment

SgRP point couple distance	L50	750
Effective head room	H63	952
Min. effective leg room	L51	872
SgRP (second to heel)	H31	320
Knee clearance	L48	-26
Shoulder room	W4	1348
Hip room	W6	1320
Upper body opening to ground	H51	1245
Back angle	L41	28
Hip angle	L43	90
Knee angle	L45	85
Foot angle	L47	112
Depressed floor covering thickness	H73	10

Luggage Compartment

Usable luggage capacity [L (cu. ft.)]	V1	300 (10.3)
Liftover height	H195	600

Interior Volumes (EPA Classification)

Vehicle class		Compact
Interior volume index (cu. ft.)**		100.7
Trunk / cargo index (cu. ft.)		10.3

* See page 14.

** Includes passenger and trunk / cargo index - see definition page 32.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Vehicle Line Eagle Summit

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Body Type

C62A, C63A

Station Wagon – Third Seat

SAE
Ref.
No.

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

Station Wagon – 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	—

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	—

MVMA Specifications

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Body Type

C62A, C63A

Vehicle Fiducial Marks

Number*	Define Coordinate Location	
Front		
Rear		
Fiducial Mark Number	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 lower surface of the front floor panel.	
Front	W21*	363.3
	L54*	30.5
	H81*	-18.3
	H161*	191.0
	H163*	-
Rear	W22*	472.0
	L55*	3180.0
	H82*	224.5
	H162*	443.8
	H164*	-

* Reference - SAE Recommended Practice, J182, Motor Vehicle Fiducial Marks.

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* Reference - SAE J1100 Motor vehicle dimensions, curb weight definition.
 ** ETWC - Equivalent Test Weight Class - basis for U.S. Environmental Protection Agency emission certifications.
 Refer to ETWC code legend below for test weight class.

ETWC LEGEND

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

SHIPPING MASS (weight) Calculation (Kg. (lbs.))

Shipping Mass (weight) = Curb Weight Less:

35Kg (77lbs)

METRIC (U.S. Customary)

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