MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1989

Manufacturer*	Vehicle Line	
CHRYSLER MOTORS CORPORATION	**CHRYSLER CONQUEST**	
Mailing Address		
DETROIT, MICHIGAN 48288	Issued **9-30-88**	Revised

* Refer to page 1 for manufacturer information

Direct questions concerning these specifications to the manufacturer listed above.

The information contained herein is prepared, distributed by, and is solely the responsibility of the vehicle manufacturing company to whose products it relates. This specification form was developed by the vehicle manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

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

MVMA

Motor Vehicle Manufacturers Association
of the United States, Inc.

Blank Forms Provided by Technical Affairs Division

MVMA-C-89

MVMA Specifications Form

METRIC (U.S. Customary)

Table of Contents

∅ Indicates Format Change From Previous Year

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 Form

METRIC (U.S. Customary)

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

∅ 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 (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load–Kilograms (Pounds)
2 DOOR HATCH BACK (RWD)		A187AMNFGL 4/9 A187AMRFGL 4/9	5 (2/3)	35 kg (77 lbs)

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

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Power Teams (Indicate whether standard or optional)
SAE J1349 Net bhp (brake horsepower) and net torque corrected to 77°F/25° C and 29.61 in. Hg/100 kPa atmospheric pressure.

SERIES AVAILABILITY	ENGINE							TRANSMISSION/ TRANSAXLE	AXLE RATIO (std. first)
	Code	Displ. Liters (in^3)	Induction (FI, CARB/ BBL, etc.)	Compr. Ratio	SAE Net at RPM		Exhaust S/D*		
					Power kW (bhp)	Torque N • m (lb. ft.)			
A187AM Series	G54B	2.555 (156)	F.I	7.0	140 (188) at 5000	317 (234) at 2500	S	Manual 5-speed Automatic 4-speed	3.545

* Single / Dual

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•)

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code	G54B with Inter cooled turbo (2.555 Liters)	
	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 longitudinal	
Manufacturer		Mitsubishi Motors Corp.	
No. of cylinders		4	
Bore		91.1	
Stroke		98	
Bore spacing (C / L to C / L)		101	
Cylinder block material & mass kg (lbs.) (machined)		Cast iron, 48.5 (106.9)	
Cylinder block deck height		251	
Cylinder block length		439	
Deck clearance (minimum) (above or below block)		Below 0.6	
Cylinder head material & mass kg (lbs.)		Aluminum alloy, 10.0 (22.0)	
Cylinder head volume (cm^3)		75.2	
Cylinder liner material		N.A.	
Head gasket thickness (compressed)		1.25	
Minimum combustion chamber total volume (cm^3)		105.6	
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, 2.7 (6.0)	
Exhaust manifold material & mass [kg (lbs.)]**		Cast iron, 5.1 (11.2)	
Fuel required unleaded, diesel, etc.		Unleaded	
Fuel antiknock index (R + M) ÷ 2		No less than 95 [emergency No less than 91]	
∅ Engine mounts	Number	2	
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.	Rubber, Elastomeric	
	Added isolation (sub-frame, crossmember, etc.)	Crossmember	
Total dressed engine mass (wt) dry***		180.4	167.9

Engine – Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum alloy 464 (16)

Engine – Camshaft

Location		Center of IN. and EX. valve on cylinder-head
Material & mass kg (weight, lbs.)		Cast iron 2.8 (6.2)
Drive type	Chain / belt	Chain
	Width / pitch	23.3 / 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:

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code	G548 with Inter colled turbo (2.555 Liters)

Engine – Valve System

Hydraulic lifters (std., opt., NA)		Std.
Valves	Number intake / exhaust	4 / 4
	Head O.D. intake / exhaust	46 / 38

Engine – Connecting Rods

Material & mass [kg., (weight, lbs.)]*	Drop-forged steel, 0.830 (1.8)
∅ Length (axes℄ to℄) mm	166

Engine – Crankshaft

Material & mass [kg., (weight, lbs.)]*		Drop-forged steel / 17.5 (38.6)
End thrust taken by bearing (no.)		3
Length & number of main bearings		25,5
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]	390 (56.5) at 2000 rpm
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full flow
Capacity of c/case, less filter-refill-L (qt.)	4.2 (3.8)

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	With-Mitsubishi Heavy Industries Ltd.
Super charger - manufacturer	None
Intercooler	With

*Finished State

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code	G54B with Inter cooled turbo (2.555 Liters)	
	M/T	A/T

Engine – Cooling System

Coolant recovery system (std., opt., n.a.)		With condenser tank (Std.)	
Coolant fill location (rad., bottle)		2.8 L	
Radiator cap relief valve pressure [kPa (psi)]		88.2	
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-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.)	8.5 (9.0)	
	With air cond.–L(qt.)	8.5 (9.0)	
	Opt. equipment [specify–L(qt.)]	–	
Water jackets full length of cyl. (yes, no)		Yes	
Water all around cylinder (yes, no)		No	
Water jackets open at head face (yes, no)		Yes	
Radiator core	Std., A/C, HD		
	Type (cross-flow, etc.)	Down flow	
	Construction (fin & tube mechanical, braze, etc.)	Braze	
	Material, mass [kg (wgt, lbs.)]	7.2	7.5
	Width	648 (mm)	
	Height	400 (mm)	
	Thickness	32 (mm)	
	Fins per inch	15	17
Radiator end tank material		Chalcopyrite	
Fan	Std., elec., opt.	Elec.	
	Number of blades & type (flex, solid, material)	4	
	Diameter & projected width	320 + 270	
	Ratio (fan to crankshaft rev.)	–	
	Fan cutout type	–	
	Drive type (direct, remote)	–	
	RPM at idle (elec.)	2000 rpm	
	Motor rating (wattage) (elec.)	120 W, 80 W	120 W, 120 W
	Motor switch (type & location) (elec.)	Thermo type in Radiator	
	Switch point (temp., pressure) (elec.)	85°C, 100°C	
	Fan shroud (material)	Steel	

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code: G54B with Inter cooled turbo (2.555 Liters)

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.		13.0
Fuel injection	Point of injection (no.)	On throttle valve (Two)
	Constant, pulse, flow	16.39 mm³ / 2.5 msec, & 47.45 mm³ / 3.5 msec
	Control (electronic, mech.)	Electronic
	System pressure [kPa (psi)]	249
Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	850
		1000 (A/C ON)
	Automatic	750
		750 (A/C ON)
Intake manifold heat control (exhaust or water thermostatic or fixed)		N.A.
Air cleaner type		Dry, non-woven cloth
Fuel filter (type/location)		N.A.
∅ Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	Near by Fuel tank
	Pressure range [kPa (psi)]	620 to 800 (90 to 120)
∅	Flow rate at regulated pressure (L (gal)/hr @ kPa (psi))	

Fuel Tank

Capacity [refill L (gallons)]		75 (19.8)
Location (describe)		Underneath rear floor pan cargo area between axle and rear bumper
Attachment		Bolts
Material & Mass [kg (weight lbs)]		Steel, 14.5 (31.97)
Filler pipe	Location & material	Left side rear quarter panel, Steel pipe
	Connection to tank	Rubber hose
Fuel line (material)		Steel pipe
Fuel hose (material)		Rubber hose
Return line (material)		Steel pipe
Vapor line (material)		Steel pipe
Extended range tank	Opt., n.a.	–
	Capacity [L (gallons)]	–
	Location & material	–
	Attachment	–
Auxiliary tank	Opt., n.a.	–
	Capacity [L (gallons)]	–
	Location & material	–
	Attachment	–
	Selector switch or valve	–
	Separate fill	–

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code: G54B with Inter cooled turbo)2.555 Liters)

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Three-way catalyst with feedback control. Exhaust gas recirculation and Air induction.
	Air Injection	Pump or pulse	Pulse
		Driven by	N.A.
		Air distribution (head, manifold, etc.)	N.A.
		Point of entry	Catalytic Converter
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Controlled flow
		Exhaust source Point of exhaust injection (spacer, carburetor, manifold, other)	Exhaust port No. 2 Intake manifold
	Catalytic Converter	Type	Three-way
		Number of	2
		Location(s)	In engine compartment & Under floor
		Volume [L (in^3)]	1.0 (61) + 1.0 (61)
		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 cleaner
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
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass [kg (weight lbs)]			One (Straight thru.), Stainless steel 3.2 (7.05)
Resonator no. & type			-
Exhaust pipe	Branch o.d., wall thickness		-
	Main o.d., wall thickness		54 x 1.5 (mm)
	Material & Mass [kg (weight lbs)]		Stainless steel 1.6 (3.5)
Intermediate pipe	o.d. & wall thickness		54 x 1.2 (mm)
	Material & Mass [kg (weight lbs)]		Stainless steel 4.1 (9.0)
Tail pipe	o.d. & wall thickness		42.7 x 1.2 (Dual) (mm)
	Material & Mass [kg (weight lbs)]		Stainless steel 1.2 (2.7)

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•)

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code: G54B with Inter cooled turbo (2.555 Liters)

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)	N.A.
Automatic overdrive (manufacturer/country)	Std., JATCO / Japan

Manual Transmission/Transaxle

Number of forward speeds		5
Gear ratios	1st	3.400
	2nd	2.016
	3rd	1.345
	4th	1.000
	5th	0.856
	Reverse	3.578
Synchronous meshing (specify gears)		1, 2, 3, 4, 5, R
Shift lever location		Floor
Trans. case mat'l. & mass kg (lbs)*		ADC10, 35 (77)
Lubricant	Capacity [L (pt.)]	2.3 (4.9)
	Type recommended	Multipurpose gear oil conforming to API GL4

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, new) N (lbs)	Depressed	130	
	Released	80	
Assist (spring, power/percent, nominal)		No	
Type pressure plate springs		Diaphragm	
Total spring load (nominal, new) N (lbs)		6178 (1389)	
Clutch facing	Facing mfgr. & material coding	Hitachi Chemical Co., Ltd.	
	Facing material & construction	Woven (Asbestos)	
	Rivets per facing	16	
	Outside x inside dia. (nominal)	240 x 160	(mm)
	Total eff. area [cm^2 ($in.^2$)]	503 (78.0)	
	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		Coil springs and Friction washers	

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

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code: G54B with Inter cooled turbo (2.555 Liters)

Automatic Transmission/Transaxle

Trade name		JATCO L4N71B
Type and special features (describe)		Lock up torque converter with automatically oprated planetary gear transmission
Selector	Location	Lever: Console mounted
	Ltr./No. designation	P, R, N, D, 2, L / 6
Gear ratios	1st	2.458
	2nd	1.458
	3rd	1.000
	4th	0.686
	Reverse	2.182
Max. upshift speed - drive range [km/h (mph)]		107 (67)
Max. kickdown speed - drive range [km/h (mph)]		89 (56)
Min. overdrive speed [km/h (mph)]		44 (28)
Torque converter	Number of elements	Three
	Max. ratio at stall	2.0 : 1
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	250
∅	Capacity factor "K"*	190
Lubricant	Capacity [refill L (pt.)]	7.4 (15.6)
	Type Recommended	DEXRON or DEXRON II automatic transmission fluid
Oil cooler (std., opt., NA, internal, external, air, liquid)		External air cooling
∅ Transmission case material & mass kg (lbs)**		ADC12, 75.3 (166)

Axle or Front Wheel Drive Unit

Type (front, rear)		Rear
Description		Separable
Limited slip differential (type)		Std. (Friction)
Drive pinion offset		30 (mm)
Drive pinion (type)		Hypoid
No. of differential pinions		4
Pinion/differential adjustment (shim, other)		Shim
Pinion/differential bearing adjustment (shim, other)		Shim
Driving wheel bearing (type)		Ball
Lubricant	Capacity [L (pt.)]	1.3 (2.4)
	Type recommended	Multipurpose gear oil conforming to API GL-5

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

Axle ratio (or overall top gear ratio)		3.545
No. of teeth	Pinion	11
	Ring gear or gear	39
Ring gear o.d.		200 (mm)
Transaxle	Transfer gear ratio	–
	Final drive ratio	–

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

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

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code	G54B with Inter cooled turbo (2.555 Liters)	
	M/T	A/T

Propeller Shaft – Rear Wheel Drive

Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)			Mitsubishi Motors Corp., Straight tube	
Outer diam. x length* x wall thickness	Manual 3-speed transmission		N.A.	
	Manual 4-speed transmission		N.A.	
	Manual 5-speed transmission		75 x 722 x 1.6	N.A. (mm)
	Overdrive		N.A.	
	Automatic transmission		N.A.	75 x 538 x 1.6 (mm)
Inter-mediate bearing	Type (plain, anti-friction)			
	Lubrication (fitting, prepack)			
Slip yoke	Type		Sliding spline	
	Number of teeth		23 (24 Indexed)	25 (26 Indexed)
	Spline o.d.		27.3	28.5
Universal joints	Make and mfg. no.	Front	Mitsubishi Motors Corp. (Bearing: Koyo Seiko Co.,Ltd.)	
		Rear	Mitsubishi Motors Corp. (Bearing: Koyo Seiko Co.,Ltd.)	
	Number used		Two	
	Type (ball and trunnion, cross)		Cross	
	Rear attach (u-bolt, clamp, etc.)		Clamp (Snap ring)	
	Bearing	Type (plain, anti-friction)	Anti-friction	
		Lubrication (fitting, prepack)	Prepack	
Drive taken through (torque tube, arms or springs)			Torque tube	
Torque taken through (torque tube, arms or springs)			Torque tube	

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

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Body Type And/Or Engine Displacement	A187A

∅ 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 contols	Standard/option/not avail.		Opt.
	Manual/automatic control		Manual
	Number of damping rates		8
	Type of actuation (manual/electric motor/air, etc.)		Manual
	sensors	Lateral acceleration	-
		Deceleration	-
		Acceleration	-
		Road surface	-
Shock absorber (front & rear)	Type		Front: Strut type Rear: Strut type [Opt.]
	Make		Front: Kayaba Industry Co.,Ltd. Rear: Tokiko Co.,Ltd. [Kayaba Industry Co.,Ltd.]
	Piston diameter		Front: 30 Rear: 32 [30] (mm)
	Rod diameter		22

∅ Suspension – Front

Type and description			Independent strut type [Opt.]
Travel*	Full jounce		85 (mm)
	Full rebound		75 (mm)
Spring	Type (coil, leaf, other) & material		Coil / SUP12* [SUP9]
	Insulators (type & material)		Cylindrical, Rubber
	Size (coil design height & i.d., bar length x dia.)		346x117.2x2650x12.8 [327x117.2x2485x12.8] (mm)
	Spring rate [N/mm (lb./in.)]		23.5 (134.4) [26.0 (148.4)]
	Rate at wheel [N/mm (lb./in.)]		22.0 (125.6) [24.3 (138.7)]
Stabilizer	Type (link, linkless, frameless)		Link
	Material & bar diameter		SUP6,21 (mm)

∅ Suspension – Rear

Type and description			Independent strut type [Opt.]
Travel*	Full jounce		95 [85] (mm)
	Full rebound		90 [95] (mm)
Spring	Type (coil, leaf, other) & material		Coil / SUP7, SUP9
	Size (length x width, coil design height & i.d., bar length & dia.)		327.7 x 107.8 x 2515 x 12.2 [320.4 x 108.0 x 2385 x 12.0] (mm)
	Spring rate [N/mm (lb./in.)]		22.6 (129.5)
	Rate at wheel [N/mm (lb./in.)]		20.0 (114.6)
	Insulators (type & material)		Cylindrical, Rubber
	If leaf	No. of leaves	-
		Shackle (comp. or tens.)	-
Stabilizer	Type (link, linkless, frameless)		Link
	Material & bar diameter		S45C, 19 (mm)
Track bar (type)			-

* Define load condition:

* Spring steel, specified in JIS

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Body Type And/Or Engine Displacement A187A

∅ Brakes - Service

Description				
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)			Sumitomo Electric Industries, Ltd., Disc
	Rear (disc or drum)			Akebono Brake Industry. Ltd., 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}) and source			-
	Pump-type (elec, gear driven, belt driven)			-
Traction control	Operational speed range			-
	Type engine intervention (electronic, mech.)			-
Anti-lock device	Front/rear (std., opt., n.a.)			Rear (Std.)
	Manufacturer			Nippon Air Brake CO., LTD.
	Type (electronic, mech.)			Electronic
	Number sensors or circuits			1
	Number anti-lock hydraulic circuits			1
	Integral or add-on system			Add-on
	Yaw control (yes, no)			No
	Hydraulic power source (elect., vac. mtr., pwr. strg.)			Vacuum
Effective area [cm^2(in.^{2})]*				F: 184 (28.5) / R: 128 (19.8)
Gross lining area [cm^2(in.^{2})]**(F/R)				F: 189 (29.3) / R: 133 (20.6)
Swept area [cm^2(in.^{2})]***(F/R)				F: 1461 (226.5) / R: 1091 (169.1)
Rotor	Outerworking diameter	F/R		F: 274 / R: 264 (mm)
	Inner working diameter	F/R		F: 169 / R: 187 (mm)
	Thickness	F/R		F: 24 / R: 18 (mm)
	Material & type (vented/solid)	F/R		Cast iron (Vented)
Drum	Diameter & width	F/R		-
	Type and material	F/R		-
Wheel cylinder bore				F: 57.2 / R: 41.3 (mm)
Master cylinder	Bore/stroke	F/R		F: 23.81 / R: 31 (mm)
Pedal arc ratio				4.42
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]				10563 (1532)
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		Akebono Brake Industry, Ltd.
		Lining code*****		AKV 3017 EE
		Material		Molded
		**** Primary or out-board		107.0 x 43.0 x 10 (mm)
		Size Secondary or in-board		107.0 x 43.0 x 10 (mm)
		Shoe thickness (no lining)		5.5 (mm)
	Rear wheel	Bonded or riveted (rivets/seg.)		Bonded
		Manufacturer		Akebono Brake Industry, Ltd.
		Lining code*****		AKS 26 GF
		Material		Molded
		**** Primary or out-board		95 x 33.8 x 8.5 (mm)
		Size Secondary or in-board		95 x 33.8 x 8.5 (mm)
		Shoe thickness (no lining)		6 (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 Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Body Type And/Or Engine Displacement	A187A

Tires And Wheels (Standard)

Tires	Size (load range, ply)		Front: 205/55 VR16 Rear: 225/50 VR16
	Type (bias, radial, steel, nylon, etc.)		Radial, Steel
	Inflation pressure (cold) for recommended max. vehicle load	Front [kPa (psi)]	190 (27)
		Rear [kPa (psi)]	190 (27)
	Rev./mile–at 70 km/h (45 mph)		829
Wheels	Type & material		Disc, Aluminum
	Rim (size & flange type)		Front: 16 x 7J Rear: 16 x 8J
	Wheel offset		Front: 18 Rear: -10
	Attachment	Type (bolt or stud)	Stud
		Circle diameter	114.3
		Number & size	Five, M12 x 1.5 (Metric)
∅ Spare	Tire and wheel		Other, T135/90D15 High pressure tire
	Storage position & location (describe)		Luggage room

Tires And Wheels (Optional)

Tire size (load range, ply)	Front: 225/50 VR16 Rear: 245/45 VR16
Type (bias, radial, steel, nylon, etc.)	Radial, Steel
Wheel (type & material)	Disc, Aluminum
Rim (size, flange type and offset)	Front: 16 x 8J, 18 Rear: 16 x 9J, 0
Tire size (load range, ply)	Front: 225/50 ZR16 Rear: 245/45 ZR16
Type (bias, radial, steel, nylon, etc.)	Radial, Steel
Wheel (type & material)	Disc, Aluminum
Rim (size, flange type and offset)	Front: 16 x 8J, 18 Rear: 16 x 9J, 0
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		One 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 Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Body Type And/Or Engine Displacement	A187A

Steering

Manual (std., opt., n.a.)					N.A.
Power (std., opt., n.a.)					Std.
Adjustable steering wheel/column (tilt, telescope, other)		Type			Tilt
		Manufacturer			Mitsubishi Motors Corp.
		(Std., opt., n.a.)			Std.
Wheel diameter** (W9) SAE J1100		Manual			–
		Power			380 (mm)
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)			10.7 (35.1)
		Curb to curb (l. & r.)			9.6 (31.5)
	Inside rear	Wall to wall (l. & r.)			–
		Curb to curb (l. & r.)			–
Scrub Radius*					
Manual	Gear	Type			N.A.
		Manufacturer			N.A.
		Ratios	Gear		N.A.
			Overall		N.A.
	No. wheel turns (stop to stop)				N.A.
Ø Power	Type (coaxial, elec., hyd., etc.)				Integral type power steering
	Manufacturer				Koyo Seiko Co.,Ltd.
	Gear	Type			Recirculating ball nut
		Ratios	Gear		14.3
			Overall		14.3
	Pump (drive)				V-belt
	No. wheel turns (stop to stop)				2.8
Linkage	Type				Parallelogram, 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.)				10°00'
	Bearings (type)	Upper			Ball bearing
		Lower			Ball joint
		Thrust			–
Steering spindle & joint type					Ball
Wheel spindle/hub	Diameter	Inner bearing			31.750 (mm)
		Outer bearing			19.050 (mm)
	Thread (size)				M16 x 1.0 (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 Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Body Type And/Or Engine Displacement	A187A

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	5°50' ± 30'
		Camber (deg.)	-0°30' ± 30'
		Toe-in [outside track-mm (in.)]	-5 (-0.20) to 5 (0.20)
	Service reset*	Caster	–
		Camber	–
		Toe-in	–
	Periodic M.V. inspection	Caster	–
		Camber	–
		Toe-in	–
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	-0°15' ± 30'
		Toe-in [outside track-mm (in.)]	-2 (-0.08) to 2 (0.08)
	Service reset*	Camber	–
		Toe-in	–
	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. with combination meter
EGR maintenance indicator		N.A.
Charge indicator	Type	Moving iron
	Warning device (light, audible)	Voltmeter (Drive pointer) & Light
Temperature indicator	Type	Electric thermal
	Warning device (light, audible)	Drive pointer
Oil pressure indicator	Type	Electric thermal
	Warning device (light, audible)	Drive pointer
Fuel indicator	Type	Electric thermal
	Warning device (light, audible)	Drive pointer & Light
Windshield wiper	Type (standard)	Electric two speed with variable intermittent operation
	Type (optional)	N.A.
	Blade length	480 (mm)
	Swept area [cm^2 ($in.^2$)]	5630 (873)
Windshield washer	Type (standard)	Electric
	Type (optional)	N.A.
	Fluid level indicator (light, audible)	Light
Rear window wiper, wiper/washer (std., opt., n.a.)		Electric one speed with intermittent operation (Std.)
Horn	Type	90 diameter
	Number used	two
Other		Brake system and parking brake warning light. Fasten belts warning light.

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Engine Description/Carb. Engine Code: G54B with Inter cooled turbo (2.555 Liters)

Electrical – Supply System

Battery	Manufacturer	Yuasa Battery Co.,Ltd., Japan Storage Battery Co.,Ltd., Matsushita Battery Ind. Co.,Ltd. or Shin-Kobe Electric Machinery Co.,Ltd.
	Model, std., (opt.)	65D23R-MF or [75D26R-MF, 80D26R-MF (Opt.)]
	Voltage	12 [12]
	Amps at 0°F cold crank	420 [490 , 582]
	Minutes-reserve capacity	111 [123 , 133]
	Amp/hrs. - 20 hr. rate	65 [65]
	Location	Front, left side of engine compartment
Alternator	Manufacturer	Mitsubishi Electric Corp.
	Rating (idle/max. rpm)	75A
	Ratio (alt. crank/rev.)	1.89 : 1
	Output at idle (rpm, park)	–
	Optional (type & rating)	N.A.
Regulator	Type	Voltage control

Electrical – Starting System

Start. motor	Manufacturer	Mitsubishi Electric Corp.
	Current drain at 0°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		Diamond Electric Manufacturing Co.,Ltd.
	Model		LB-119
	Current	Engine stopped – A	0
		Engine idling – A	1.4
Spark plug	Manufacturer		NGK Spark Plug Co.,Ltd., Nippon Denso or Champion Spark Plug Co., Ltd.
	Model		BUR7EA-11, W22EPR-S11 or RN7YC4
	Thread (mm)		14
	Tightening torque [N-m (lb. ft)]		20 to 30 (15 to 22)
	Gap		1.0 to 1.1
	Number per cylinder		1
Distributor	Manufacturer		Mitsubishi Electric Corp.
	Model		T2T72071

Electrical – Suppression

Locations & type	

MVMA Specifications Form

Vehicle Models Conquest
Model Year 1989 Issued _____ Revised (•) _____

METRIC (U.S. Customary)

Body Type	A187A

Body

Structure	Monocock body
∅ Bumper system front - rear	Impact absorbing system Facia (Polyurethana) Energy absorber (Polyurethana) Reinforcement (Steel)
Anti-corrosion treatment	Cathodic ED paint Extend 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, 17.2 (kg)
	Hinge location (front, rear)		Rear
	Type (counterbalance, prop)		Prop
	Release control (internal, external)		Internal
Trunk lid	Material & mass		–
	Type (counterbalance, other)		–
	Internal release control (elec., mech., n.a.)		–
Hatch-back lid	Material & mass		Glass, 22.7 (included others) (kg)
	Type (counterbalance, other)		Counterbalance
	Internal release control (elec., mech., n.a.)		Mech.
Tailgate	Material & mass		–
	Type (drop, lift, door)		–
	Internal release control (elec., mech., n.a.)		–
Vent window control (crank, friction, pivot, power)		Front	–
		Rear	–
Window regulator type (cable, tape, flex, drive, etc.)		Front	Lift arm
		Rear	–
Seat cushion type (e.g., 60/40, bucket, bench, wire, foam etc.)		Front	Bucket, Spring
		Rear	Bench, Urethane foam
		3rd seat	–
Seat back type (e.g., 60/40, bucket, bench, wire, foam etc.)		Front	Bucket, Spring
		Rear	Spring, Urethane foam
		3rd seat	–

MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

Body Type	A187A

Restraint System

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

Glass	SAE Ref. No.	
Windshield glass exposed surface area [cm^2($in.^2$)]	S1	7368 (1142)
Side glass exposed surface area [cm^2($in.^2$)] - total 2-sides	S2	8740 (1350)
Backlight glass exposed surface area [cm^2($in.^2$)]	S3	9350 (1450)
Total glass exposed surface area [cm^2($in.^2$)]	S4	25458 (3942)
Windshield glass (type)		Curved - laminated plate
Side glass (type)		Curved - tempered plate
Backlight glass (type)		Curved - tempered plate

Lamps and Headlamp Locations

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

Frame

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

MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

Body Type	A187A

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

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

MVMA Specifications Form

METRIC (U.S. Customary)

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

Body Type A187A

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

∅	Power equipment	Deck lid (release, pull down)	
		Door locks (manual, automatic, describe system)	N.A.
		Seats — 2 - 4 - 6 way, etc.	
		Seats — Reclining (R.H., L.H.)	
		Seats — Memory (R.H., L.H., preset, recline)	
		Seats — Lumbar, hip, thigh, support	
		Seats — Heated (R.H., L.H., other)	
		Side windows	Std. (Down side windows automatically with one touch)
		Vent windows	N.A.
		Rear windows	N.A
	Radio systems	Antenna (location, whip, w/shield, power)	Std. (Power on rear quarter), Whip (Opt.)
∅		Standard	AM/FM MPX, electronic auto tuning radio with cassette player & equalizer
		Optional (AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.)	
		Speaker (number, location)	Std. (6 or 8 Speaker : On I/Pan, On R/Shelf, On Door)
	Roof open air fixed (flip-up, sliding, "T")		Opt. (Flip-up)
	Speed control device		Std.
	Speed warning device (light, buzzer, etc.)		N.A.
	Tachometer (rpm)		Std. (8000 rpm)
	Telephone system (describe)		N.A.
	Theft deterrent system		Disc tumbler, Key locks on ignition switch, Doors, Fuel lid, Luggage compartment & Lockable steering

MVMA Specifications Form

Vehicle Models Conquest
Model Year 1989 Issued 1988-5 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.	A187A
Width		
Tread (front)	W101	1465
Tread (rear)	W102	1455
Vehicle width	W103	1735
Body width at Sg RP (front)	W117	1685
Vehicle width (front doors open)	W120	3595
Vehicle width (rear doors open)	W121	-
Front fender overall width	W106	1720
Rear fender overall width	W107	1735
Tumble-home (deg.)	W122	31°
Vehicle width including mirrors		1845
Length		
Wheelbase	L101	2435
Vehicle length	L103	4400
Overhang (front)	L104	970
Overhang (rear)	L105	995
Upper structure length	L123	2600
Rear wheel C/L "X" coordinate	L127	2010
Cowl point "X" coordinate	L125	85
Front end length at centerline	L126	1480
Rear end length at centerline	L129	320
Height*		
Passenger distribution (front/rear)	PD1,2,3	Front:2, Rear:3
Trunk/cargo load		-
Vehicle height	H101	1275
Cowl point to ground	H114	915
Deck point to ground	H138	895
Rocker panel-front to ground	H112	180
Bottom of door closed-front to ground	H133	260
Rocker panel-rear to ground	H111	175
Bottom of door closed-rear to ground	H135	-
Windshield slope angle	H122	60°
Backlight slope angle	H121	70°
Ground Clearance*		
Front bumper to ground	H102	350
Rear bumper to ground	H104	300
Bumper to ground [front at curb mass (wt.)]	H103	355
Bumper to ground [rear at curb mass (wt.)]	H105	370
Angle of approach (degrees)	H106	16°
Angle of departure (degrees)	H107	19°
Ramp breakover angle (degrees)	H147	12°
Axle differential to ground (front / rear)	H153	160
Min. running ground clearance	H156	115
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 Form

Vehicle Models Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)
Vehicle Dimensions See Key Sheets for definitions

Body Type	SAE Ref. No.	A187A
Front Compartment		
Sg RP front, "X" coordinate	L31	995
Effective head room	H61	930
Max. eff. leg room (accelerator)	L34	1035
SgRP to heel point	H30	215
SgRP to heel point	L53	825
Back angle	L40	25°
Hip angle	L42	91°
Knee angle	L44	117°
Foot angle	L46	87°
Design H-point front travel	L17	180
Normal driving & riding seat track trvl.	L23	180
Shoulder room	W3	1330
Hip room	W5	1350
Upper body opening to ground	H50	1190
Steering wheel maximum diameter*	W9	380
Steering wheel angle	H18	21°
Accel. heel pt. to steer. whl. cntr	L11	445
Accel. heel pt. to steer. whl. cntr	H17	595
Steering wheel to C/L of thigh	H13	45
Steering wheel torso clearance	L7	380
Headlining to roof panel (front)	H37	15
Undepressed floor covering thickness	H67	20
Rear Compartment		
Sg RP Point couple distance	L50	605
Effective head room	H63	900
Min. effective leg room	L51	740
Sg RP (second to heel)	H31	250
Knee clearance	L48	0
Compartment room	L3	525
Shoulder room	W4	1300
Hip room	W6	1030
Upper body opening to ground	H51	–
Back angle	L41	25° (Outboard) 28° (Center)
Hip angle	L43	74°
Knee angle	L45	64°
Foot angle	L47	118°
Headlining to roof panel (second)	H38	15
Depressed floor covering thickness	H73	15
Luggage Compartment		
Usable luggage capacity [L (cu. ft.)]	V1	–
Liftover height	H195	–
Interior Volumes (EPA Classification)		
Vehicle class		Subcompact
Interior volume index (cu. ft.)		86.5 ft^3
Trunk/cargo index (cu. ft.)		10.3 ft^3

* See Page 14.

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)
Vehicle Dimensions See Key Sheets for definitions

Body Type		A187A
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	1250
Cargo length at floor (front)	L209	1515
Cargo length at second seatback height	L210	590
Cargo length at floor (second)	L211	890
Front seatback to load floor height	H197	285
Second seatback to load floor height	H198	305
Cargo volume index [$m^3(ft.^3)$]	V3	0.51
Hidden cargo volume index [$m^3(ft.^3)$]	V4	–
Cargo volume index-rear of 2-seat	V11	–
Aerodynamics*		
Wheel lip to ground, front	H172	–
Wheel lip to ground, rear	H173	–
Frontal area [$m^2(ft^2)$]		1.84 (19.81)
Drag coefficient (Cd)		0.35

* EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form

METRIC (U.S. Customary)

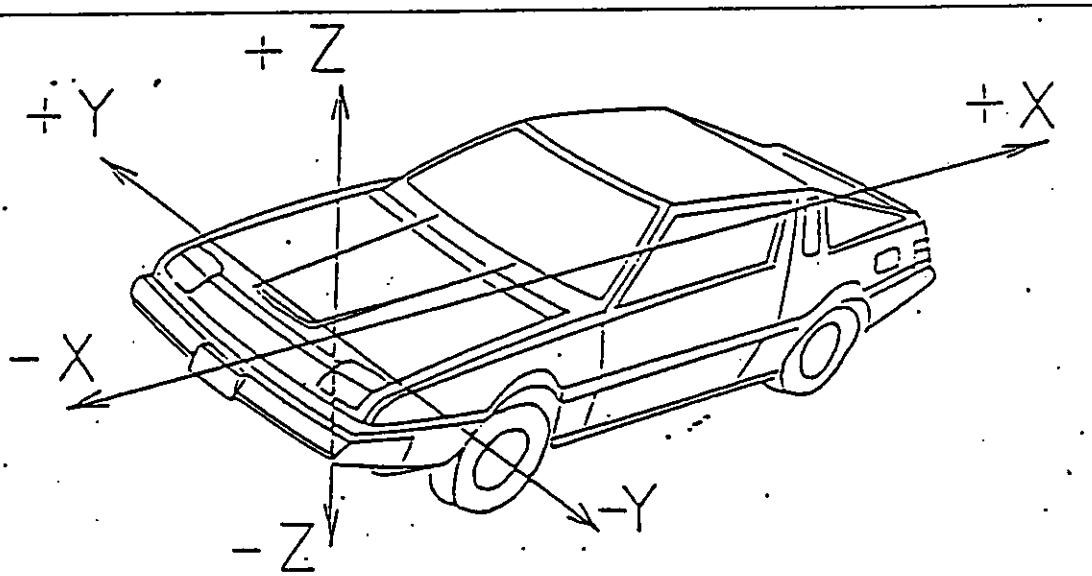
Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

Body Type A187A

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location

Front



Rear

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

Fiducial Mark Number		
Front	W21*	345
	L54*	0.35
	H81*	111
	H161*	295
	H163*	-
Rear	W22*	520
	L55*	2965
	H82*	291
	H162*	450
	H164*	-

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

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

	Vehicle Mass (weight)							
	CURB MASS, kg. (lb.)*			% PASS. MASS DISTRIBUTION				
				Pass In Front		Pass In Rear		
Code Model	Front	Rear	Total	Front	Rear	Front	Rear	ETWC**
A187AMNFGL 4/9	723	652	1375	63	73	95	109	1327
	(1595)	(1437)	(3031)					(2925)
A187AMRFGL 4/9	745	660	1405	63	73	95	109	1357
	(1642)	(1455)	(3097)					(2992)

SHIPPING MASS (weight) = Curb Weight Less Kg. (lbs.) _____

* Reference – SAE J1100 Motor vehicle dimensions, curb weight definition.

** ETWC - Equivalent Test Weight Class - U.S. Environmental Protection Agency emission certifications are based on the ETWC's shown.
NA - Not Applicable - applies to model/series combinations not requiring testing.

MVMA Specifications Form

Vehicle Line Conquest
Model Year 1989 Issued 1988-5 Revised (•) _____

METRIC (U.S. Customary)

Code	Equipment	Optional Equipment Differential Mass (weight)* MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
	Air conditioning	26.4 (58.2)	-2.0 (-4.4)	24.4 (53.8)	
	EL. auto tuning radio with cassette player	1.15 (2.54)	0.45 (0.99)	1.6 (3.53)	
	6 speakers	0.6 (1.3)	0.9 (2.0)	1.5 (3.3)	
	Sun roof	2.0 (4.4)	5.0 (11.0)	7.0 (15.4)	

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