

MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1989

Manufacturer Mitsubishi Motors Corporation	Vehicle Line Mitsubishi Mirage <i>2-DR</i>	
Mailing Address 33-8, Shiba 5-chome, Minato-ku, Tokyo, 108, Japan	Issued 4-1-1988	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.

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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 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.

METRIC (U.S. Customary)

Vehicle Line Mitsubishi Mirage
Model Year 1989 Issued 4-1-1988 Revised (●) _____

Design & development (company)	Mitsubishi Motors Corporation.
Where built (country)	Japan
Authorized U.S. sales marketing representative	Mitsubishi Motor Sales of America, Inc

Model Description & Drive (FWD/RWD/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)
2 DOOR HATCH BACK (FWD)		C52AMNDEL 2/7 C52AMKDEL 2/7 C53AMNPTL 2/7	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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SAE J1349 Net bhp (brake horsepower) and net torque corrected to 77°F/25° C and 29.61 in. Hg/100 kPa atmospheric pressure.

[illegible]

- Single / Dual

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METRIC (U.S. Customary)

Engine Description/Carb.
Engine Code

4G15 (1.468 Liters)	4G61 with Turbo (1.596 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, 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, 7.0 (15.4)		Aluminum alloy, 11.5 (25.4)
Cylinder head volume (cm ³)	31.0		44.3
Cylinder liner material	N.A.		
Head gasket thickness (compressed)	1.25		
Minimum combustion chamber total volume (cm ³)	43.7		57.7
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, 4.9 (10.9)		Aluminum alloy, 5.5 (12.2)
Exhaust manifold material & mass [kg (lbs.)]**	Cast iron, 5.2 (11.6)		Cast iron, 4.5 (10)
Fuel required unleaded, diesel, etc.	Unleaded		
Fuel antiknock index (R + M) + 2	No less than 87		No less than 91
Engine mounts	Number	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	153

Engine - Pistons

Material & mass, g (weight, oz.) - piston only	Aluminum alloy	
	242 (9)	337 (12)

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	4/4	8/8
Head O.D. intake / exhaust	35 / 30	34/30.5 (mm)

Engine - Connecting Rods

Material & mass (kg., (weight, lbs.))*	Drop-forged steel, 0.490 (1.08)	Drop-forged steel, 0.690 (1.52)
Length (axes to to) mm		

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	5
Length & number of main bearings	19mm, 5	23mm, 5
Seal (material, one, two piece design, etc.)	Front Rear	Synthetic rubber, One piece Synthetic rubber, One piece

Engine - Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	440 (53.8) 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.)	3.4 (3.0)	4.4 (4.0)

Engine - Diesel Information

Diesel engine manufacturer	-
Glow plug, current drain at 0°F	-
Injector nozzle	Type Opening pressure [kPa (psi)]
Pre-chamber design	-
Fuel in-jection 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.	with Mitsubishi Heavy Industries Ltd.
Super charger - manufacturer	N.A.	
Intercooler	N.A.	

*Finished State

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Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		With condenser tank (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.))	-	
Water jackets full length of cyl. (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
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.)	Tube and corrugated fin, Braze, Brass	
	Material, mass [kg (wgt, lbs.)]	2.6 (5.7)	5.2 (11.5) 5.0 (11.0)
	Width	668 (mm)	
	Height	375 (mm)	
	Thickness	16	32 (mm)
Radiator end tank material	Fins per inch	15	20
		Brass	Aluminum
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	2080
	Motor rating (wattage) (elec.)	45	120
	Motor switch (type & location) (elec.)	Thermo type in radiator	
	Switch point (temp., pressure) (elec.)	82°C-85°C	
	Fan shroud (material)	Plastic	Steel

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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	5.76 mm ³ /2.5 m sec	7.10 mm ³ /1.8 m sec
	Control (electronic, mech.)	Electronic	
	System pressure [kPa (psi)]	328	245
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)		Water thermostatic	
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	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 Point of exhaust injection (spacer, carburetor, manifold, other)	Exhaust port No. 2 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		
	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	
	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	
Exhaust pipe	Branch o.d., wall thickness	None	
	Main o.d., wall thickness	42.7 x 1.2	48.6 x 1.2
	Material & Mass [kg (weight lbs)]	Stainless steel tube, 1.78 (3.92)	Stainless steel tube, 1.16 (2.55)
Inter-mediate pipe	o.d. & wall thickness	42.7 x 1.5	48.6 x 1.5
	Material & Mass [kg (weight lbs)]	Stainless steel tube, 3.89 (8.58)	Stainless steel tube, 4.43 (9.77)
Tail pipe	o.d. & wall thickness	42.7 x 1.2	42.7 x 1.2
	Material & Mass [kg (weight lbs)]	Stainless steel tube, 0.65 (1.43)	Stainless steel tube, 1.11 (2.44)

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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 N.A.
Automatic overdrive (manufacturer/country)	N.A.

Manual Transmission/Transaxle

	MT	MT
Number of forward speeds	5	
Gear ratios	1st 3.363	3.083
	2nd 1.947	1.833
	3rd 1.285	1.240
	4th 0.939	0.896
	5th 0.777	0.731
	Reverse 3.083	3.166
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, 11.4 (25.2)
Lubricant	Capacity [L (pt.)] 1.8	2.1
	Type recommended	Multipurpose gear oil conforming to API GL-4

Clutch (Manual Transmission)

Clutch manufacturer	Aisin Seiki Co., Ltd.	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 118 (27)	135 (31)
	Released 78 (18)	108 (25)
Assist (spring, power/percent, nominal)	No	
Type pressure plate springs	Diaphragm	
Total spring load (nominal, new) N (lbs)	3481 (783)	4511 (1014)
Clutch facing	Facing mfr. & material coding	Hitachi Chemical Co., Ltd. & H815 Hitachi Chemical Co., Ltd. & HN603Z
	Facing material & construction	Woven
	Rivets per facing	16
	Outside x inside dia. (nominal)	200 x 130 215 x 140 (mm)
	Total eff. area (cm ² (in. ²))	365 (56.3) 418 (64.8)
	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 and Friction Washers	

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

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(1.596 Liters)

Automatic Transmission/Transaxle

Trade name		Mitsubishi Motors Corp. KM171	-
Type and special features (describe)		Lock up torque converter with automatically operated planetary gear transmission. KM171	-
Selector	Location	Lever: Console mounted	-
	Ltr./No. designation	P, R, N, D, 2, L/6	-
Gear ratios	1st	2.846	-
	2nd	1.581	-
	3rd	1.000	-
	4th	-	-
	Reverse	2.176	-
Max. upshift speed - drive range [km/h (mph)]		1-2 51 (32), 2-3 97 (60)	-
Max. kickdown speed - drive range [km/h (mph)]		2-1 48 (30), 3-2 91 (57)	-
Min. overdrive speed [km/h (mph)]		-	-
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., NA, internal, external, air, liquid)		Std., External liquid	-
Transmission case material & mass kg (lbs)**		Aluminum alloy, 11.4 (25.1)	-

Axle or Front Wheel Drive Unit

Type (front, rear)		Front	
Description		Separable	
Limited slip differential (type)		-	
Drive pinion offset		-	
Drive pinion (type)		-	
No. of differential pinions		2	
Pinion/differential adjustment (shim, other)		Shim	
Pinion/differential bearing adjustment (shim, other)		Shim	
Driving wheel bearing (type)		Ball bearing	Tapered roller
Lubricant	Capacity [L (pt.)]	Refer to transmission spec.	
	Type recommended	Refer to transmission spec.	
		MT	AT
		MT	MT

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

Axle ratio (or overall top gear ratio)		See 'Power Teams'		
No. of teeth	Pinion	18	20	16
	Ring gear or gear	66	64	58
Ring gear o.d.		176.7	171.6	189.4
Transaxle	Transfer gear ratio	1.096	1.125	1.192
	Final drive ratio	3.666	3.200	3.625

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

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

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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	28/32 x 346	
		Right	24 x 368	23.2 x 351	
	Automatic transaxle	Left	24 x 695	-	
		Right	24 x 368	-	
	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			

All Wheel / 4 Wheel Drive

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

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

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Body Type And/Or
Engine Displacement

C52A	C53A
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☒ 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: $\phi 32$ Rear: $\phi 25$ Front: $\phi 30$ Rear: $\phi 25$ (mm)
	Rod diameter	Front: $\phi 22$ Rear: $\phi 12.5$ (mm)

☒ Suspension - Front

Type and description	Independent strut type	
Travel*	Full jounce	110 (mm)
	Full rebound	60 (mm)
Spring	Type (coil, leaf, other) & material	SUP 12 (Spring steel)
	Insulators (type & material)	-
	Size (coil design height & i.d., bar length x dia.)	390 or 394 145.6 or 147.4
	Spring rate [N/mm (lb./in.)]	15.69 (90) or 16.08 (92)
	Rate at wheel [N/mm (lb./in.)]	14.46 (83) or 14.82 (85)
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	S45C or S48C, $\phi 16$ S45C or S48C, $\phi 20$ (mm)

☒ Suspension - Rear

Type and description	3 Link torsionaxle	
Travel*	Full jounce	130 (mm)
	Full rebound	60 (mm)
Spring	Type (coil, leaf, other) & material	SUP 12 (Spring steel)
	Size (length x width, coil design height & i.d., bar length & dia.)	349 85.2
	Spring rate [N/mm (lb./in.)]	16.17 (92)
	Rate at wheel [N/mm (lb./in.)]	15.68 (90)
	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)

Vehicle Line Mitsubishi Mirage
Model Year 1989 Issued 4-1-1988 Revised (•) _____

Body Type And/Or
Engine Displacement

C52A

C53A

Brakes - Service

Description					
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)	Sumitomo Electric Industry Co., Ltd., Disc	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) and source	-			
	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 (elec., vac. mtr., pwr. strg.)			-		
Effective area (cm²(in.²))*			F: 160 (24.8)/R: 208(32.2) F: 200 (31.0)/R: 120 (18.6)		
Gross lining area (cm²(in.²))**(F/R)			F: 165 (25.6)/R: 208(32.2) F: 206 (31.9)/R: 120 (18.6)		
Swept area (cm²(in.²))*** (F/R)			F: 1099(170.3)/R: 396(61.4) F: 1281(198.6)/R: 1177(182.5)		
Rotor	Outerworking diameter	F/R	F: 241 /R: -	F: 264 /R: 263 (mm)	
	Inner working diameter	F/R	F: 152 /R: -	F: 170 /R: 178 (mm)	
	Thickness	F/R	F: 13 /R: -	F: 24 /R: 10 (mm)	
	Material & type (vented/solid)	F/R	F: Cast iron (Solid)/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: 51.1 /R: 19.05 F: 53.97 /R: 30.16 (mm)		
Master cylinder	Bore/stroke	F/R	Bore 20.64/Stroke(Pri:13, Sec:15) Bore 22.22/Stroke(Pri:13, Sec:15)		
Pedal arc ratio			4.5		
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]			11033 (1608) 10823 (1578)		
Lining clearance			F: No major adjustment required R: 0.15-0.35 (Self adjusting) 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 M9207H EE SUMITOMO M2234 EE	
		Material		Molded	
		****	Primary or out-board	98 x 40.9 x 10	116 x 43.1 x 10.5 (mm)
		Size	Secondary or in-board	98 x 40.9 x 10	116 x 43.1 x 10.5 (mm)
	Rear wheel	Shoe thickness (no lining)		5.0 (mm)	
		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 9.5 (mm)
		Size	Secondary or in-board	148.6 x 35 x 4.3	72.0 x 41.6 x 9.5 (mm)
Shoe thickness (no lining)		1.6 5.0 (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.

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METRIC (U.S. Customary)

Body Type And/Or
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C52A	C53A
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Tires And Wheels (Standard)

Tires	Size (load range, ply)		P155/80R13, B	195/60R14 85H, 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	Disc, Aluminum
	Rim (size & flange type)		13 x 5J	14 x 5 1/2JJ
	Wheel offset		46	
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	114.3	
Spare			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	-
Type (bias, radial, steel, nylon, etc.)	Radial	-
Wheel (type & material)	Disc, Aluminum	-
Rim (size, flange type and offset)	13 x 5J, 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)	-

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Vehicle Line Mitsubishi Mirage
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METRIC (U.S. Customary)

Body Type And/Or
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C52A	C53A
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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.)		Opt.	Std.		
Wheel diameter** (W9) SAE J1100	Manual		370	-		
	Power		370	376		
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)	10.0	10.6		
		Curb to curb (l. & r.)	9.2	9.8		
	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	-		
	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 & 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 Form

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Body Type And/Or
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C52A

C53A

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	2°20'
		Camber (deg.)	0°
		Toe-in (outside track-mm (in.))	3 to -3 (0.118 to -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.))	0 + 4.5 (0 + 0.177)
	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

Speed-ometer	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 with intermittent	Electric two speed with intermittent with variable intermittent
	Type (optional)		
	Blade length	500/425	
	Swept area (cm ² (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.)		Opt.	Std.
Horn	Type	80 diameter	
	Number used	Two	
Other		Brake system and parking brake warning light, Fasten belts warning light.	

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METRIC (U.S. Customary)

Engine Description/Carb.
Engine Code

4G15 (1.468 Liters)		4G61 with Turbo (1.596 Liters)
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	
Alternator	Location	Front, right side of engine compartment	
	Manufacturer	Mitsubishi Electric Corp.	
	Rating (idle/max. rpm)	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

Start, motor	Manufacturer	Mitsubishi Electric Corp.		
	Current drain at 0°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)		-	
Coil	Manufacturer		Diamond Electric Manufacturing Co., Ltd.	Mitsubishi
	Model		F-088	H4T00172
	Current	Engine stopped - A	0	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	BPR6ES, W20EPR, RN9YC
	Thread (mm)		14	
	Tightening torque (N·m (lb. ft))		20 to 30 (15 to 22)	
	Gap		1.0 to 1.1	0.7 to 0.8 (mm)
	Number per cylinder		1	
Distributor	Manufacturer		Mitsubishi Electric Corp.	
	Model			

Electrical – Suppression

Locations & type	
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MVMA Specifications Form**METRIC (U.S. Customary)**Vehicle Models Mitsubishi Mirage
Model Year 1989 Issued 4-1-1988 Revised (•) _____

Body Type

C52A, C53A

Body

Structure

Monocock body

☒ Bumper system
front - rearImpact absorbing system
Fascia (polyurethane)
Front : Energy absorber (polyurethane),
Rear : Shock absorber
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	-
	Type (counterbalance, other)	-
	Internal release control (elec., mech., n.a.)	-
Hatch-back lid	Material & mass	Steel, 15.1 (Include Glass & Others) (kg)
	Type (counterbalance, other)	Gas spring
	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	Cable
	Rear	-
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	50/50, Foam
	3rd seat	-

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METRIC (U.S. Customary)

Vehicle Line Mitsubishi Mirage
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Body Type

C52A, C53A

☒ **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 & manual lap belt	-	motorized 2 point belt & manual lap belt
	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	14564 (1129)
Backlight glass exposed surface area (cm ² (in. ²))	S3	5200 (806)
Total glass exposed surface area (cm ² (in. ²))	S4	29504 (4573)
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.	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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Body Type

C52A

C53A

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

☒ Air conditioning (manual, auto. temp control)		Opt. (Manual temp control)	
Clock (digital, analog)		Opt. (Digital)	Std. (Digital)
Compass/thermometer		N.A.	
Console (floor, overhead)		Floor console	
Defroster, elec. backlight		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)	N.A.	
	Other	N.A.	
Mirrors	Day/night (auto. man.)	Std. (Man)	
	L.H. (remote, power, heated)	Std.	Std. (Remote)
	R. H. (convex, remote, power, heated)	Opt. (Power)	Std. (Remote)
	Visor vanity (RH / LH, illuminated)	N.A.	
☒ Navigation system (describe)		N.A.	
Parking brake-auto release (warning light)		N.A.	

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Body Type

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

Ø	Deck lid (release, pull down)		N.A.	
	Door locks (manual, automatic, describe system)		N.A.	
	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.	
Ø	Antenna (location, whip, w/shield, power)		Opt. (Whip on Front Fender)	
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	N.A.	
	Optional		Opt. (AM/FM MPX ETR)	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)		Opt. (6 speakers, I/Pan, R/SHELF, F/DOOR)	
Roof open air 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 & Lockable steering.		

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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.	C52A	C53A
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	4004	
Vehicle width (rear doors open)	W121	-	
Front fender overall width	W106	1660	
Rear fender overall width	W107	1665	
Tumble-home (deg.)	W122	22.5°	
Vehicle width including mirrors		-	

Length

Wheelbase	L101	2385
Vehicle length	L103	4030
Overhang (front)	L104	900
Overhang (rear)	L105	745
Upper structure length	L123	2660
Rear wheel C/L "X" coordinate	L127	2380
Cowl point "X" coordinate	L125	300
Front end length at centerline	L126	1100
Rear end length at centerline	L129	60

Height*

Passenger distribution (front/rear)	PD1,2,3	Front : 2, Rear : 3
Trunk/cargo load		-
Vehicle height	H101	1320
Cowl point to ground	H114	883
Deck point to ground	H138	865
Rocker panel-front to ground	H112	153
Bottom of door closed-front to ground	H133	236
Rocker panel-rear to ground	H111	136
Bottom of door closed-rear to ground	H135	-
Windshield slope angle	H122	60.5°
Backlight slope angle	H121	41.5°

Ground Clearance*

Front bumper to ground	H102	216	196
Rear bumper to ground	H104	222	
Bumper to ground (front at curb mass (wt.))	H103	247	221
Bumper to ground (rear at curb mass (wt.))	H105	296	
Angle of approach (degrees)	H106	18.5°	17°
Angle of departure (degrees)	H107	14°	
Ramp breakover angle (degrees)	H147	9°	
Axle differential to ground (front / rear)	H153	170	
Min. running ground 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.

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Vehicle Dimensions See Key Sheets for definitions

Body Type

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SAE
Ref.
No.

Front Compartment

Sg RP front, "X" coordinate	L31	1310
Effective head room	H61	972
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	1214
Steering wheel maximum diameter*	W9	376
Steering wheel angle	H18	25.3°
Accel. heel pt. to steer. whl. cntr	L11	416
Accel. heel pt. to steer. whl. cntr	H17	628
Steering wheel to C/L of thigh	H13	58
Steering wheel torso clearance	L7	395
Headlining to roof panel (front)	H37	14
Undepressed floor covering thickness	H67	10

Rear Compartment

Sg RP Point couple distance	L50	700
Effective head room	H63	937
Min. effective leg room	L51	825
Sg RP (second to heel)	H31	320
Knee clearance	L48	-26
Compartment room	L3	625
Shoulder room	W4	1324
Hip room	W6	1080
Upper body opening to ground	H51	-
Back angle	L41	26°
Hip angle	L43	86°
Knee angle	L45	77°
Foot angle	L47	106°
Headlining to roof panel (second)	H38	15
Depressed floor covering thickness	H73	10

Luggage Compartment

Usable luggage capacity [L (cu. ft.)]	V1	-
Liftover height	H195	-

Interior Volumes (EPA Classification)

Vehicle class		Subcompact
Interior volume index (cu. ft.)		95.8
Trunk / cargo index (cu. ft.)		11.5

* See Page 14.

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METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

Vehicle Line Mitsubishi Mirage
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Body Type

C52A, C53A

SAE
Ref.
No.

Station Wagon – Third Seat

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

		Normal Seat	Sport Seat
Cargo length at front seatback height	L208	1082	1048
Cargo length at floor (front)	L209	1243	1257
Cargo length at second seatback height	L210	451	
Cargo length at floor (second)	L211	638	
Front seatback to load floor height	H197	639	
Second seatback to load floor height	H198	455	
Cargo volume index [m ³ (ft. ³)]	V3	0.98 (34.7)	
Hidden cargo volume index [m ³ (ft. ³)]	V4	-	
Cargo volume index-rear of 2-seat	V11	0.33 (11.5)	

Aerodynamics*

Wheel lip to ground, front	615
Wheel lip to ground, rear	575
Frontal area [m ² (ft. ²)]	
Drag coefficient (Cd)	0.35

* EPA Loaded Vehicle Weight, Loading Conditions

MVMA Specifications Form
METRIC (U.S. Customary)

Vehicle Line Mitsubishi Mirage
 Model Year 1989 Issued 4-1-1988 Revised (●) _____

Body Type

C52A, C53A

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location										
Front											
Rear	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.										
Fiducial Mark Number											
Front	<table border="1"> <tr> <td>W21*</td> <td>363.3</td> </tr> <tr> <td>L54*</td> <td>30.5</td> </tr> <tr> <td>H81*</td> <td>-18.3</td> </tr> <tr> <td>H161*</td> <td>191.0</td> </tr> <tr> <td>H163*</td> <td>-</td> </tr> </table>	W21*	363.3	L54*	30.5	H81*	-18.3	H161*	191.0	H163*	-
W21*	363.3										
L54*	30.5										
H81*	-18.3										
H161*	191.0										
H163*	-										
Rear	<table border="1"> <tr> <td>W22*</td> <td>472.0</td> </tr> <tr> <td>L55*</td> <td>2910.0</td> </tr> <tr> <td>H82*</td> <td>224.5</td> </tr> <tr> <td>H162*</td> <td>443.8</td> </tr> <tr> <td>H164*</td> <td>-</td> </tr> </table>	W22*	472.0	L55*	2910.0	H82*	224.5	H162*	443.8	H164*	-
W22*	472.0										
L55*	2910.0										
H82*	224.5										
H162*	443.8										
H164*	-										

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

METRIC (U.S. Customary)

Vehicle Line Mitsubishi Mirage
Model Year 1989 Issued 4-1-1988 Revised (●) _____

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

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.

METRIC (U.S. Customary)

Vehicle Line Mitsubishi Mirage
Model Year 1989 Issued 4-1-1988 Revised (•) _____

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