
SECTION 8

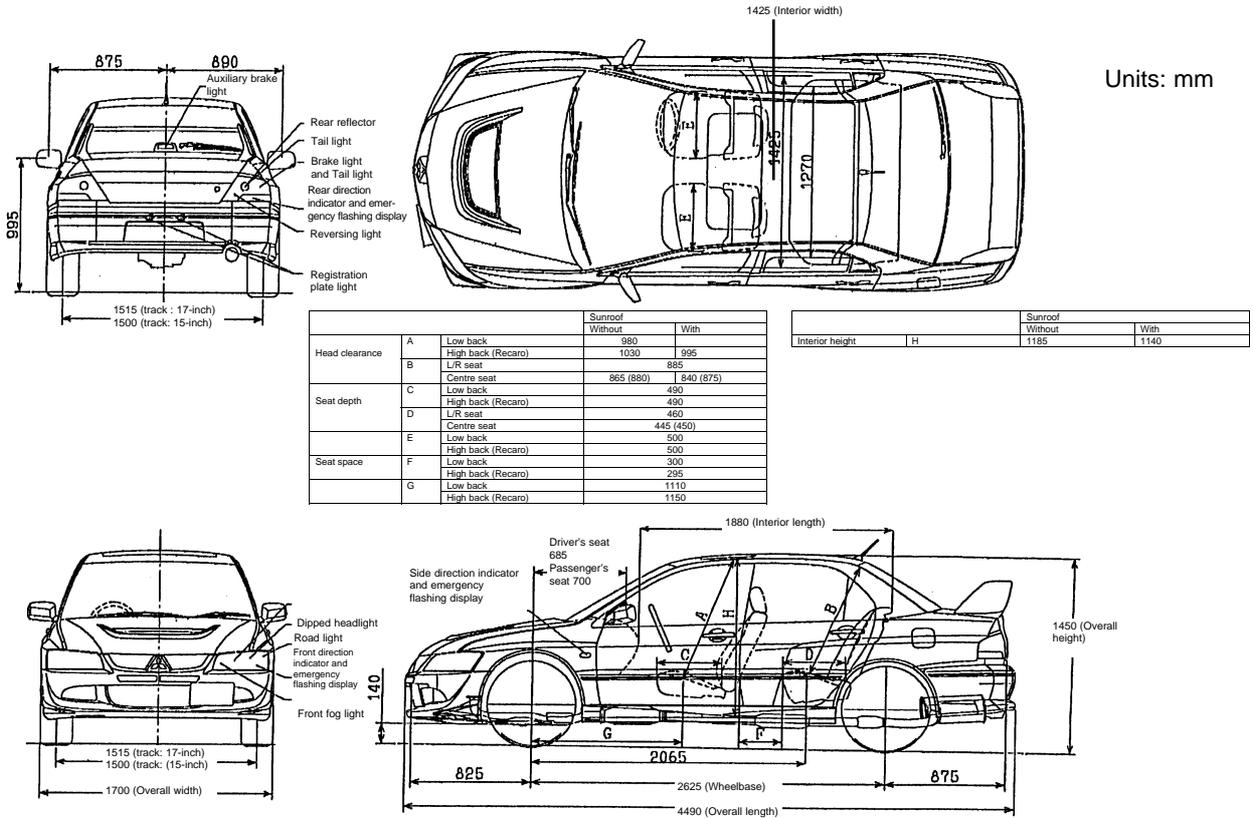
REFERENCE MATERIALS

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4-aspect Diagram

The 4-aspect Diagram is included in the application materials and there are some differences from the actual equipment. Please refer to the Schedule of Lighting Devices for details of lighting devices.



Schedule of Lighting Devices

The Schedule of Lighting Devices is included in the application materials and there are some differences from the actual equipment.

★ indicates sections where there are changes compared to the original vehicle.

ITEM			GH-CT9A
Dipped headlight	Installation height	Upper edge / Lower edge	675/600
	Distance from extreme side of vehicle		155
Front fog light*1	Installation height	Upper edge / Lower edge	630/565
	Distance from extreme side of vehicle		380
Road light	Installation height	Upper edge / Lower edge	685/615
	Distance from extreme side of vehicle		65
Tail light (inside)	Installation height	Upper edge / Lower edge	860/765
	Distance from extreme side of vehicle		230
Rear reflector	Installation height	Upper edge / Lower edge	840/785
	Distance from extreme side of vehicle		245
Tail light (outside) brake light	Installation height	Upper edge / Lower edge	855/765
	Distance from extreme side of vehicle		115

ITEM			GH-CT9A
Auxiliary brake light (interior installation type)	Installation height	Lower edge	1085
	Distance from bottom of window		above bottom of window
Distance from centre of vehicle			0
Direction indicator and emergency flashing display light (front)	Installation height	Upper edge / Lower edge	610/560
	Inner edge distance		1 380
Distance from extreme side of vehicle			80
Direction indicator (side)	Installation height	Upper edge / Lower edge	695/665
	Distance from forward end of vehicle ★		1 265
Direction indicator and emergency flashing display light (rear)	Installation height	Upper edge / Lower edge	745/710
	Under floor distance		1 120
Distance from extreme side of vehicle			110

Note

*1 is displayed in the case of a vehicle with discharge type headlight installed.

Outline Specification

The Outline Specification is included in the application materials and there are some differences from the actual equipment.
 ★ indicates sections where there are changes compared to the original vehicle.

Vehicle name and type	Mitsubishi GH-CT9A
Chassis name and type	Mitsubishi CT9A
Name of manufacturer	Mitsubishi Motors Corporation
Type	Normal
Use	Passenger
Body shape	Box shaped
Engine type	4G63
Total emission cc	1 997
Unique number	National No. 1593
Designated number	10893

ITEM		GH-CT9A		
		SNDFZ	SJDFZ	SJGFZ
Classification No.		035 to 058	059 to 074	075 to 076
Dimensions	Vehicle length mm ·★	4 490		
	Vehicle width mm	1 770		
	Vehicle height mm	1 450		
	Wheelbase mm	2 625		
	Track	Front wheels	1515 ^{*1} / 1 500 ^{*2}	1515 ^{*1}
	Rear wheels	1515 ^{*1} / 1 500 ^{*2}	1515 ^{*1}	
Weight		Entered in weight display		
Perfor- mance	Maximum stability Angle	Left	50°	
		Right	50°	
Others	Wheel alignment	Front 2 drive – Rear 2 drive		
	Tyre size	Front wheels	205/65R15 94H	235/45ZR17
		Rear wheels	235/45ZR17	

Note

- The classification number and equipment refer to the Weight Chart
- *1 is indicated if the vehicle has 17 inch wheels; *2 if the vehicle has 15 inch wheels.

Weight Chart

ITEM			GH-CT9A								
			SNDFZ								
CLASSIFICATION NO.			035 (D,E)	036 (A,D, E)	037 (D,E, W)	038 A, D, E, W	039 (A,B, C,D, E,W)	040(A, B,C,D, E,W)	041 (D,E, J)	042 (A,D, E,J)	
WEIGHT	VEHICLE WEIGHT kg.	Front axle weight	810	820	←	830	←	840	820	830	
		Rear axle weight	510	←	520	←	530	←	510	←	
		Total	1 320	1 330	1 340	1 350	1 360	1 370	1 330	1 340	
	PASSENGERS			5							
	TOTAL VEHICLE WEIGHT kg.	Front axle weight	910	920	←	930	←	940	920	930	
		Rear axle weight	685	←	695	←	705	←	685	←	
		Total	1 595	1 605	1 615	1 625	1 635	1 645	1 605	1 615	

ITEM			GH-CT9A								
			SNDFZ								
CLASSIFICATION NO.			043 (D,E, J,W)	044 (A,D, E,J, W)	045 (B,C, D,E,J ,W)	046 (A,B, C,D, E,J)	047 (D,E, P)	048 (A,D, E,P)	049 (D,E, P,W)	050 (A,D, E,P, W)	
WEIGHT	VEHICLE WEIGHT kg.	Front axle weight	830	840	←	850	810	820	←	830	
		Rear axle weight	520	←	530	←	520	←	530	←	
		Total	1 350	1 360	1 370	1 380	1 330	1 340	1 350	1 360	
	PASSENGERS			5							
	TOTAL VEHICLE WEIGHT kg.	Front axle weight	930	940	←	950	910	920	←	930	
		Rear axle weight	695	←	705	←	695	←	705	←	
		Total	1 625	1 635	1 645	1 655	1 605	1 615	1 615	1 635	

ITEM			GH-CT9A								
			SNDFZ								
CLASSIFICATION NO.			051 (B,C, D,E, P,W)	052 (A,B, C,D, E,P, W)	053 (D,E, J,P)	054 (A,D, E,J,P)	055 (D,E, J,P, W)	056 (A,D, E,J,P ,W)	057 (B,C, D,E,J ,P)	058 A,B, C,D, E,J,P, W	
WEIGHT	VEHICLE WEIGHT kg.	Front axle weight	830	840	820	830	←	840	←	850	
		Rear axle weight	540	←	520	←	530	←	540	←	
		Total	1 370	1 380	1 340	1 350	1 360	1 370	1 380	1 390	
	PASSENGERS			5							
	TOTAL VEHICLE WEIGHT kg.	Front axle weight	930	940	920	930	←	940	←	950	
		Rear axle weight	715	←	695	←	705	←	715	←	
		Total	1 645	1 655	1 615	1 625	1 635	1 645	1 655	1 665	

Note

The Classification No. indicates whether the following equipment is installed.

A: Air conditioning; B: ABS; C: AYC (Active Yaw Control); D: ACD (Active Centre Differential); E: 5M/T; J: Front passenger seat air bag; P: Power windows; W: 17 inch tyres

ITEM			GH-CT9A						
			SJDFZ						
CLASSIFICATION NO.			059 (D,F, W)	060 (A,D,F, W)	061 (B,C,D, F,W)	062 (A,B,C, D,F,W)	063 (D,F,J, W)	064 (A,D,F,J, W)	
WEIGHT	VEHICLE WEIGHT kg.	Front axle weight	830	840	←	850	840	850	
		Rear axle weight	520	←	530	←	520	←	
		Total	1 350	1 360	1 370	1 380	1 360	1 370	
	PASSENGERS			5					
	TOTAL VEHICLE WEIGHT kg.	Front axle weight	930	940	←	950	940	950	
		Rear axle weight	695	←	705	←	695	←	
		Total	1 625	1 635	1 645	1 655	1 635	1 645	

ITEM			GH-CT9A						
			SJDFZ						
CLASSIFICATION NO.			065 (B,C, D,F,J, W)	066 (B,C,D,F, J,W)	067 (D,F,P, W)	068 (A,D,F, P,W)	069 (B,C,D, F,P,W)	070 (A,B,C,D,F, P,W)	
WEIGHT	VEHICLE WEIGHT kg.	Front axle weight	850	860	830	840	←	850	
		Rear axle weight	530	←	←	←	540	←	
		Total	1 380	1 390	1 360	1 370	1 380	1 390	
	PASSENGERS			5					
	TOTAL VEHICLE WEIGHT kg.	Front axle weight	950	960	930	940	←	950	
		Rear axle weight	705	←	←	←	715	←	
		Total	1 655	1 665	1 635	1 645	1 655	1 665	

ITEM			GH-CT9A						
			SJDFZ						
CLASSIFICATION NO.			071 (D,F, J,P, W)	072 (A,D,F,J, P,W)	073 (B,C,D, F,J,P,W)	074 (A,B,C, D,F,J,P, W)	075 (A,B,C, D,F,J,P, W)	076 (A,B,C,D,F, J,P,S,W)	
WEIGHT	VEHICLE WEIGHT kg.	Front axle weight	840	850	←	860	870	880	
		Rear axle weight	530	←	540	←	←	550	
		Total	1 370	1 380	1 390	1 1400	1 410	1 430	
	PASSENGERS			5					
	TOTAL VEHICLE WEIGHT kg.	Front axle weight	940	950	←	960	970	980	
		Rear axle weight	705	←	715	←	←	725	
		Total	1 645	1 655	1 665	1 675	1 685	1 705	

Note

The Classification No. indicates whether the following equipment is installed.

A: Air conditioning; B: ABS; C: AYC (Active Yaw Control); D: ACD (Active Centre Differential); E: 5M/T; J: Front passenger seat air bag; P: Power windows; W: 17 inch tyres

Detailed Specification

The Detailed Specification is included in the application materials and there are some differences from the actual equipment.
★ indicates sections where there are changes or additions compared to the original vehicle.

ITEM			GH-CT9A			
			SNDFZ	SNDFZ	SNDFZ	
Minimum ground clearance m			1.140	←	←	
Performance	Max. speed k.p.h.		180	←	←	
	Fuel consumption ratio km/L ^{*1} 10/15 mode		9.6	9.7 ★	←	
	Braking distance m		51.0 (100) [48.0 (100)]	←	←	
	Turning circle m		5.9	←	←	
Engine	Bore x stroke mm		85.0 X 99.0	←	←	
	Compression ratio		8.8 (Unleaded Premium)	←	←	
	Max. output net [kW r.p.m.]		206/6 500 (Net)	←	←	
	Max. torque nm/rpm- ★		392/ 3 500 (Ne)	←	←	
	Valve or port timing	Intake	Open	BTDC 21°	←	←
			Closed	ABDC 59°	←	←
		Exhaust	Open	BBDC 58°	←	←
			Closed	ATDC 18°	←	←
Fuel tank capacity (litres) · ★			50	←	55	
Electrical equipment	Type and performance of ignition equipment		Electric type; -20° to 45° (Crank axle suited)	←	←	
	Ignition plug type- ★		IGR7A, IGR7A-G, VW22PR-DA7, S22PR-A7)	←	←	
	Battery weight Ah		34 (5), 48 (5) or 52 (5)	←	←	
	Alternator output V-A		12 – 85, 90, 100 or 105	←	←	
Power transmission equipment	Transmission	Change gear ratios	1 st	2.785	2.909 ★	←
			2 nd	1.950	1.944 ★	←
			3 rd	1.444	1.434 ★	←
			4 th	1.096	1.100 ★	←
			5 th	8.825	0.868 ★	←
			6 th	-	0.693 ★	←
			Reverse	3.416	2.707 ★	←
	Differenti al	Reducti on gear ratios	Forward	4.529	4.583 ★	←
			Reverse	3.307	←	←
	Transfer		Reduction gear ratio	0.302	←	←
Running gear	Main brake type		Hydraulic: Front; Disk Rear: Disk	←	←	
	Parking brake type		Mechanical wheel brake type	←	←	
	Suspension	Front	Macpherson type	←	←	
Rear		Multi-link type	←	←		

Note

*1 : Stationary (60 k.p.h.) fuel consumption has been deleted by application items.

ITEM			GH-CT9A		
			SNDFZ	SJDFZ	SJGFZ
Emission gas prevention equipment	Weight or density of emission gas	Unloaded condition CO:%,HC:ppm	CO: 0.1, HC: 100	←	←
		10 / 15 mode g/km	CO: 0.67, HC: 0.08, NOx: 0.08	←	←
		11 mode g/test	CO: 19.0, HC: 2.20, NOx: 1.40	←	←

Outline Equipment

● indicates standard equipment, Δ indicates manufacture option. There are no changes by the time of manufacture.

EQUIPMENT		4WD			
		RS	GSR		
		5M/T	6M/T		
ENGINE	Aluminium turbo	●	●	Δ	
	Intercooler water spray system	●	●	●	
	Intercooler water spray systemless	Δ	Δ		
	Engine oil cooler	●	●	●	
POWER TRANSMISSION EQUIPMENT	5-speed manual (short stroke type, high gear)	●			
	6-speed manual (short stroke type)		●	●	
	Gear lever	Leather	●	●	
	Front LSD		Helical shape		
	Rear LSD	Machine shape	●	●	
	Active Centre Differential (ACD)		●	●	
	Active Yaw Control Differential (AYC)		Δ	Δ	
Front strut tower bar		●	●		
RUNNING GEAR	Tyres	205/65R15 94H	●		
		235/45ZR17	Δ	●	
	Spare tyres	T125/70D16	●		
		T125/70D17	Δ	●	
	Wheels 5-hole [114.3mm]	Scale	15x6.0Jsilver (46mm)	●	
			Aluminium 17x8.0JJ (38mm)	Δ	●
		Spare tyres	4.0T-16 (40mm)	●	
			4.0T-17 (30mm)	Δ	●
	Centre cap	Black	●		
	Power steering				
	Steering wheel (Leather type, fitted with 3-spoke sports airbags)	MOMO TYPE	●	●	
	Tilt steering mechanism				
	Parking brake lever	Full cover	Release switch (bright)		●
			Leather grip		
	Brakes	Front	15 inch ventilated disc	●	
			17 inch ventilated disc	Δ	●
		Rear	15 inch ventilated disc (dram in)	●	
			16 inch ventilated disc (dram in) BREMBO TYPE	Δ	●
	Brake booster	8 + 9 inch	●	●	
4 ABS (Sports ABS)		Δ	Δ		
Pressure Control Valve (PCV)		●	●		
Electronic Brake-Force Distribution System (EBD)		Δ	Δ		

EQUIPMENT		4WD			
		RS	GSR		
		5M/T	6M/T		
BODY	Electric sliding sunroof with tilt-up mechanism			Δ	
	Central door locking system				
	Trunk lid option	Δ	Δ	●	
	Fuel filler door opener				
	Child protection	●	●	●	
	Multi mode keyless entry			●	
	Outside door handle	Black	●	●	
		Body colour			●
	Inside door handle	Colour	●	●	●
	Power windows with safety mechanism		Δ	Δ	●
	Windscreen (Laminated glass)	Clean			
	Front door glass (UV cut glass)		●	●	●
	Rear window glass (with heat absorbing print)	Clean	●	●	
		Clean with sunshield			●
	Rear door glass	Privacy glass			Δ
		Clean	●	●	●
	Rear stationary window glass	Privacy glass			Δ
		Clean	●	●	●
	Bonnet	Alloy	●	●	●
	Fender	Alloy			
Rear end crossbar		●	●		
Exterior equipment	Exclusive front bumper	Body colour			
	Exclusive rear bumper	Body colour			
	Molding (black)	Windscreen	●	●	●
		Rear window			
		Pillar, roof			
		Belt line			
	Door mirror	Manual type (black)	●	●	
	Electric retractable remote controlled mirror (body colour)			●	
Exclusive extension	Front air dam	●	●	●	
	Rear air dam				

Note

In the wheel columns, the numeric values of the offset distance are shown in round brackets indicate, and the P.C.D. (Pitch Circle Diameter) in the square brackets.

EQUIPMENT			4WD			
			RS		GSR	
			5M/T	6M/T		
Exterior equipment	Rear spoiler (large size)		●	●	●	
	Sunroof		Δ	Δ	Δ	
Interior equipment	Seat material		Fabric			
	Front seat	Standard type		●	●	●
		Recaro type		Δ ^{*1}	Δ ^{*1}	●
		Adjustment mechanism	Slide	●	●	●
			Reclining	●	●	●
	Headrest		●	●	●	
	Rear seat	Low back bench seat (fixed)		●	●	●
		High back bench seat (fixed)				●
		Centre arm rest (with cup holder)				●
	Seat belts	Front	3-point x 2 seat belt with ELR			
			With pre-tensioner (Driver's seat and passenger's seat)	●	●	●
		Rear	3-point x 2 seat belt + with 2-point x 1 seat belt ELR/ALR			●
	SRS air bags		Driver's seat	●	●	●
			Passenger's seat	Δ	Δ	●
	Parcel boxes	Accessories box (1DIN)		●	●	●
		Parcel box (with lid)				●
		Coin box				●
	Glove box			●	●	●
	Floor console	Standard type		●	●	●
		Large type	Cross			●
Shift boot ring					●	
Ashtray		Front seat	●	●	●	
		Rear seat	●	●	●	
Cup holder (Front seat)		●	●	●		
Centre panel (unique type)			●	●	●	
		2DIN type			●	
		Navi type			Δ	
Headlining		Cross	●	●	●	

EQUIPMENT			4WD			
			RS		GSR	
			5M/T	6M/T		
Interior equipment	Front door trim	Molded type (soft)				
		Door pocket (Driver's seat and passenger's seat)	●	●	●	
	Rear door trim	Molded type (soft)			●	
	Trunk room trim				●	
	Trunk room floor carpet	Needle punch			●	
	Storage assistance straps	x 1 (Passenger's seat)		●	●	●
		x 3 (and passenger's seat)				●
	Sun visors	Driver's seat		●	●	●
Passenger's seat		Δ	Δ			
Ticket holder (Driver's seat)		●	●	●		
Vanity mirror (with lid)				●		
Accessories	Room mirror		Switching type			
	Foot rest		●	●	●	
	Battery		44B20L			
	Exterior lights	Headlight assembly (rear type)	Halogen (low and high beam)	●	●	
			Discharge (low beam)			
			Halogen (high beam)	Δ	Δ	●
			Fog light ^{*2}			●
			Position light	●	●	●
			Auto light			●
			Headlight leveling	Δ	Δ	●
			Rear combination light (clear type ^{*3})			●
	High mount stop light	Rear shelf mount (bulb type)		●	●	●
	Interior lights	Front room light (with map light)		●	●	● ^{*4}
		Rear room light				●
		Trunk room light				●
		Combination meter		Special light		
	Meter gauge	Electric type analog speedometer		●	●	●
		Tachometer				●
		Water temperature				●
		Fuel				●
Indicator light	Fog light		Δ	Δ	●	
	Up beam				●	
	Turn signal and hazard		●	●	●	
	ACD				●	

Note

- ^{*1} It is now 4-point seat belt non-response type, different from that mounted on the original vehicle (GSR).
- ^{*2} The fog light is halogen.
- ^{*3} The turn signal is urban colour.
- ^{*4} It becomes less when a sunroof is mounted.

EQUIPMENT			4WD			
			RS		GSR	
			5M/T	6M/T		
Accessories	Warning light	ABS	Δ	Δ	●	
		SRS air bag				
		Fuel level				
		Parking brake				
		Charge				
		Brake fluid				
		Engine charge	●	●	●	
		Seat belt on				
		Door not properly closed				
	Buzzer	Lighting monitor warning				
		Ignition key LEFT IN warning				
	Windscreen wipers	2-speed	Fixed time type intermittent	●	●	
			Variable time type intermittent			●
			Mist			
	Windscreen washer (wiper synchronesh)			●	●	●

EQUIPMENT			4WD			
			RS		GSR	
			5M/T	6M/T		
Accessories	Rear window wiper/washer	Fixed time type intermittent. reverse (R) position synchro			●	
	Audio related	AM/FM tuner radio + MD player + DVD-MMCS (DVD navigation Mitsubishi Multi-Communication System)				Δ
		Pole antenna		●	●	
		Roof antenna				●
		Roof and glass antenna (diversity antenna)				
		Audio less		●	●	●
		6 speakers (2DIN response kit)				Δ ⁵
	Digital clock					
	Immobilizer system		●	●	●	
	Air conditioning	Manual heater		●	●	
		Air control prekit				
	Full auto air conditioning				●	

Note

*5The brackets for the antenna and radio are mounted in standard conditions.

Cold Climate Specifications

Accessories		4WD		
		RS		GSR
		5M/T	6M/T	
Batteries	44B20L → 55B24L			
Weather strip silicon coating				
Rear seat heater duct		Δ	Δ	Δ
Cold Climate Specification label				
Door mirror with heating coil print				Δ

Periodic inspection

Judging criteria chart

Checking and maintenance items			Judging criteria
Check points		Check items	
Equipment	Wheels	Front wheel bearings	Axial slack in the axle centre part: 0 to 0.05 mm
Power train system	Transmission and transfer	Oil leaks and oil level	Filled to the mouth of the filler plug (manual transmission, normal & ACD transfer) Transfer: High void gear