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MITSUBISHI COLT/LANCER LANCER HATCHBACK WORKSHOP MANUAL

FILING INSTRUCTION

Please keep these manual pages in the binder which is keeping the manual PWME8802.

File these pages according to the signs "ADDED" and "REVISED" and "DELETED" on the "List of effective pages" which are interpreted below.

ADDED: File the pages with this sign additionally in your manual.

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MITSUBISHI
MOTORS CORPORATION

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11	C	Jul. 1990		59 thru 60	A	Jun. 1989	
12	F	Jul. 1992		61 thru 62		May 1988	
12-1 thru 12-2	F	Jul. 1992		63 thru 64	A	Jun. 1989	
13 thru 16		May 1988		65		May 1988	
17	C	Jul. 1990		66	A	Jun. 1989	
18	D	Jul. 1991		67		May 1988	
19 thru 21		May 1988		68 thru 71	A	Jun. 1989	
22 thru 23	C	Jul. 1990		72 thru 73		May 1988	
24 thru 25		May 1988		74	A	Jun. 1989	
26 thru 27	C	Jul. 1990		75		May 1988	
28	A	Jun. 1989		76	A	Jun. 1989	
29	C	Jul. 1990		77 thru 79		May 1988	
30 thru 36		May 1988		80	A	Jun. 1989	
37	C	Jul. 1990		81 thru 83		May 1988	
38	A	Jun. 1989		42B-BODY REPAIR			
39	F	Jul. 1992		1 thru 2		Jun. 1988	
39-1	F	Jul. 1992		3 thru 4	A	Jun. 1989	
40	F	Jul. 1992		5		Jun. 1988	
41	B	Nov. 1989		6	A	Jun. 1989	
42 thru 43	A	Jun. 1989		7		Jun. 1988	
44 thru 46	C	Jul. 1990		7-1 thru 7-2	A	Jun. 1989	
42A-BODY				8 thru 9	C	Jul. 1990	
1 thru 3	A	Jun. 1989		9-1 thru 9-2	C	Jul. 1990	
4		May 1988		10	C	Jul. 1990	
5	C	Jul. 1990		11	A	Jun. 1989	
6		May 1988		12 thru 13	C	Jul. 1990	
7 thru 9	A	Jun. 1989		13-1 thru 13-2	C	Jul. 1990	
10 thru 16		May 1988		14 thru 15	C	Jul. 1990	
17 thru 21	A	Jun. 1989		15-1	A	Jun. 1989	
22 thru 23	C	Jul. 1990		15-2	C	Jul. 1990	
24		May 1988		16 thru 25	A	Jun. 1989	
25 thru 26	C	Jul. 1990		26 thru 37		Jun. 1988	
27 thru 29		May 1988		38	A	Jun. 1989	
30	C	Jul. 1990		39		Jun. 1988	
31 thru 32		May 1988		40	A	Jun. 1989	
32-1 thru 32-2	A	Jun. 1989		41		Jun. 1988	
33		May 1988		42 thru 44	A	Jun. 1989	
34	A	Jun. 1989		45	C	Jul. 1990	
35 thru 36		May 1988		46 thru 49	A	Jun. 1989	
37 thru 39	A	Jun. 1989		49-1 thru 49-4	A	Jun. 1989	
40		May 1988		50 thru 57	A	Jun. 1989	
41 thru 42	A	Jun. 1989		57-1 thru 57-2	A	Jun. 1989	
43 thru 44	C	Jul. 1990		58	G	Jan. 1993	REVISED
45	A	Jun. 1989		57 thru 63	A	Jun. 1989	
				64 thru 65		Jun. 1988	

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67		Jun. 1988		175		Jun. 1988	
68	A	Jun. 1989		175-1 thru 175-6	A	Jun. 1989	
69 thru 71		Jun. 1988		176	A	Jun. 1989	
72	A	Jun. 1989		177 thru 179		Jun. 1988	
73 thru 75		Jun. 1988		180	A	Jun. 1989	
76	A	Jun. 1989		181 thru 183		Jun. 1988	
77		Jun. 1988		183-1 thru 183-4	A	Jun. 1989	
78 thru 83	A	Jun. 1989		184	A	Jun. 1989	
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98 thru 100		Jun. 1988		189 thru 191		Jun. 1988	
101	A	Jun. 1989		191-1 thru 191-8	A	Jun. 1989	
102		Jun. 1988		192	A	Jun. 1989	
102-1 thru 102-14	A	Jun. 1989		193		Jun. 1988	
103	A	Jun. 1989		194	A	Jun. 1989	
104 thru 128		Jun. 1988		195		Jun. 1988	
129 thru 130	A	Jun. 1989		196	A	Jun. 1989	
131 thru 132		Jun. 1988		197	G	Jan. 1993	REVISED
133 thru 134	A	Jun. 1989		198	G	Jan. 1993	REVISED
135		Jun. 1988		199		Jun. 1988	
136	A	Jun. 1989		200 thru 203	A	Jun. 1989	
137		Jun. 1988		203-1 thru 203-4	A	Jun. 1989	
138 thru 142	A	Jun. 1989		204 thru 207	A	Jun. 1989	
143		Jun. 1988		207-1 thru 207-2	A	Jun. 1989	
144 thru 145	A	Jun. 1989		208 thru 217		Jun. 1988	
145-1 thru 145-2	A	Jun. 1989		218	A	Jun. 1989	
146	A	Jun. 1989		219		Jun. 1988	
147		Jun. 1988		220	A	Jun. 1989	
148	A	Jun. 1989		221 thru 222		Jun. 1988	
149		Jun. 1988		223 thru 224	A	Jun. 1989	
150	A	Jun. 1989		224-1 thru 224-4	A	Jun. 1989	
151		Jun. 1988		225 thru 228	A	Jun. 1989	
151-1 thru 151-2	A	Jun. 1989		229		Jun. 1988	
152	A	Jun. 1989		230	A	Jun. 1989	
153		Jun. 1988		231 thru 233		Jun. 1988	
154	A	Jun. 1989		234 thru 236	A	Jun. 1989	
155		Jun. 1988		236-1 thru 236-2	A	Jun. 1989	
156	A	Jun. 1989		237	A	Jun. 1989	
157		Jun. 1988		238 thru 241		Jun. 1988	
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163		Jun. 1988		246 thru 247	A	Jun. 1989	
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167-1 thru 167-8	A	Jun. 1989		248	A	Jun. 1989	
168 thru 170	A	Jun. 1989		249		Jun. 1988	
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251	B	Nov. 1989		39	A	Jun. 1989	
252	A	Jun. 1989		40 thru 43		May 1988	
253 thru 254		Jun. 1988		44	C	Jul. 1990	
255 thru 256	A	Jun. 1989		52-INTERIOR			
257		Jun. 1988		1		May 1988	
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261-1	G	Jan. 1993	REVISED	3 thru 4		May 1988	
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262	G	Jan. 1993	REVISED	6 thru 14		May 1988	
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267	B	Nov. 1989		21	C	Jul. 1990	
267-1 thru 267-4	B	Nov. 1989		22 thru 23		May 1988	
267-5 thru 267-6	C	Jul. 1990		24 thru 25	A	Jun. 1989	
268	C	Jul. 1990		25-1 thru 25-2	A	Jun. 1989	
268-1 thru 268-2	G	Jan. 1993	REVISED	26	A	Jun. 1989	
268-3 thru 268-5	G	Jan. 1993	ADDED	27 thru 31		May 1988	
269		Jun. 1988		31-1 thru 31-2	A	Jun. 1989	
270 thru 272	A	Jun. 1989		32 thru 35		May 1988	
51-EXTERIOR				36	A	Jun. 1989	
1 thru 2	A	Jun. 1989		37		May 1988	
3	C	Jul. 1990		38 thru 39	A	Jun. 1989	
3-1	C	Jul. 1990		40	A	Jun. 1989	
4	C	Jul. 1990		54-CHASSIS ELECTRICAL			
5	F	Jul. 1992		1	F	Jul. 1992	
5-1	F	Jul. 1992		2 thru 4		May 1988	
6 thru 7	F	Jul. 1992		4-1	A	Jun. 1989	
7-1	F	Jul. 1992		5		May 1988	
8 thru 9		May 1988		6 thru 15	A	Jun. 1989	
10	C	Jul. 1990		16 thru 18	C	Jul. 1990	
11	F	Jul. 1992		18-1 thru 18-2	A	Jun. 1989	
12	C	Jul. 1990		19 thru 28		May 1988	
13	F	Jul. 1992		29	D	Jul. 1991	
14 thru 15		May 1988		30	C	Jul. 1990	
16	F	Jul. 1992		31 thru 32		May 1988	
16-1	F	Jul. 1992		33	C	Jul. 1988	
17 thru 19		May 1988		34 thru 38		May 1988	
20	F	Jul. 1992		39 thru 40	A	Jun. 1989	
21 thru 22	A	Jun. 1989		41		May 1988	
23	C	Jul. 1990		42	A	Jun. 1989	
23-1	A	Jun. 1989		43 thru 45	F	Jul. 1992	
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24	A	Jun. 1989		48-1	A	Jun. 1989	
25	C	Jul. 1990		48-2	F	Jul. 1992	
26 thru 28		May 1988		49	A	Jun. 1989	
29	C	Jul. 1990		50	C	Jul. 1990	
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59	D	Jul. 1991		62	F	Jul. 1992	
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63	D	Jul. 1991		64-1 thru 64-9	F	Jul. 1992	
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55-HEATER, AIR CONDITIONER AND VENTILATION				66		May 1988	
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4	F	Jul. 1992		73	C	Jul. 1990	
5	B	Nov. 1989		74		May 1988	
6	D	Jul. 1991		75	A	Jun. 1989	
7	C	Jul. 1990		76 thru 77		May 1988	
8 thru 9	D	Jul. 1991		78	F	Jul. 1992	
10 thru 11		May 1988		78-1	F	Jul. 1992	
12	C	Jul. 1990		79	F	Jul. 1992	
13		May 1988		80		May 1988	
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16		May 1988					
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18-1	D	Jul. 1991					
18-2	F	Jul. 1992					
19 thru 20	F	Jul. 1992					
21		May 1988					
22	C	Jul. 1990					
23 thru 26		May 1988					
27	C	Jul. 1990					
27-1 thru 27-6	D	Jul. 1991					
28		May 1988					
29 thru 30	F	Jul. 1992					
31 thru 32	D	Jul. 1991					
32-1	F	Jul. 1992					
32-2 thru 32-6	F	Jul. 1992					
33 thru 36	F	Jul. 1992					
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41-1	D	Jul. 1991					
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44	C	Jul. 1990					
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53	F	Jul. 1992					RJST302012-30
54 thru 55	A	Jun. 1989					HY207012-836
56		May 1988					RJST112012-50
57	F	Jul. 1992					RJST107014-76
58		May 1988					HY009011-826

MITSUBISHI COLT LANCER

WORKSHOP MANUAL

FOREWORD

This Workshop Manual contains procedures for removal, disassembly, inspection, adjustment, reassembly and installation, etc. for service mechanics. Use the following manuals in combination with this manual as required.

WORKSHOP MANUAL
ENGINE GROUP

PWEE□□□□
(Looseleaf edition)

ELECTRICAL WIRING
PARTS CATALOGUE

PHME8801
EUR674890U
EXP674890U
MAL671890U

All information, illustrations and product descriptions contained in this manual are current as at the time of publication. We, however, reserve the right to make changes at any time without prior notice or obligation.



MITSUBISHI
MOTORS CORPORATION

General	0
Engine	1
Lubrication	1
Fuel	1
Cooling	1
Intake and Exhaust	1
Engine Electrical	1
Emission Control	1
Clutch	2
Manual Transmission	2
Automatic Transmission	2
Front Axle	2
Rear Axle	2
Wheel and Tyre	3
Power Plant Mount	3
Front Suspension	3
Rear Suspension	3
Service Brakes	3
Parking Brakes	3
Steering	3
Body	4
Body Repair	4
Exterior	5
Interior	5
Chassis Electrical	5
Heater, Air Conditioner and Ventilation	5

HOW TO USE THIS MANUAL

E01BAAP

CONTENTS

The preceding page contains GROUP INDEX which lists the group title and group number.

PAGE NUMBERS

All page numbers consist of two sets of digits separated by a dash. The digits preceding the dash identify the number of the group. The digits following the dash represent the consecutive page number within the group. The page numbers can be found on the top left or right of each page.

TEXT

Unless otherwise specified, each service procedure covers all models. Procedures covering specific models are identified by the model codes, destination or similar designation (engine type, transmission type, etc.). A description of these designations is covered in GROUP 00 under "VEHICLE IDENTIFICATION".

SERVICE PROCEDURES

The service steps are arranged in numerical order and attentions to be paid in performing vehicle service are described in detail in SERVICE POINTS.

INDICATION OF DESTINATION

Europe and General Export used for convenience to indicate destination.

NOTE

1. "General Export" means territories other than Europe, Australia, New Zealand, the U.S.A. and Canada.
2. "GCC" refers to the Gulf Cooperation Council member countries in the "General Export" area.

3. In some instances, vehicles with other specifications may be shipped to some countries.

DEFINITION OF TERMS

STANDARD VALUE

Indicates the value used as the standard for judging the quality of a part or assembly on inspection or the value to which the part or assembly is corrected and adjusted. It is given by tolerance.

LIMIT

Shows the standard for judging the quality of a part or assembly on inspection and means the maximum or minimum value within which the part or assembly must be kept functionally or in strength. It is a value established outside the range of standard value.

Removal steps:

The part designation number corresponds to the number in the illustration to indicate removal steps.

Disassembly steps:

The part designation number corresponds to the number in the illustration to indicate disassembly steps.

Installation steps:

Specified in case installation is impossible in reverse order of removal steps.
Omitted if installation is possible in reverse order of removal steps.

Reassembly steps:

Specified in case reassembly is impossible in reverse order of disassembly steps.
Omitted if reassembly is possible in reverse order of disassembly steps.

Denotes service point classification.

- ◆◆: Removal
- ◆◆: Installation
- ◆◆: Disassembly
- ◆◆: Reassembly

MODEL INDICATIONS

The following abbreviations are used in this manual for classification of model types.

1200: Indicates models equipped with the 1200 cc (4G16) petrol engine.

1300: Indicates models equipped with the 1300 cc (4G13) petrol engine.

1500: Indicates models equipped with the 1500 cc (4G15) petrol engine.

1600: Indicates models equipped with the 1600 cc (4G61) petrol engine.

1800D: Indicates models equipped with the 1800 cc (4D65) diesel engine.

M/T: Indicates the manual transmission, or models equipped with the manual transmission.

A/T: Indicates the automatic transmission, or models equipped with the automatic transmission.

FBC: Indicates the feedback carburettor, or engines equipped with the feedback carburettor.

MPI: Indicates the multi-point injection, or engines equipped with the multi-point injection.

SOHC: Indicates an engine with the single overhead camshaft, or a model equipped with such an engine.

DOHC: Indicates an engine with the double overhead camshaft, or a model equipped with such an engine.

EXPLANATION OF MANUAL CONTENTS

Indicates the group number.

Indicates the page number.

Indicates the group title.

Indicates the section title.

This information is applicable for vehicles destined for Europe. This information is also applicable to vehicles (with specifications for Europe) that are shipped to General Export destinations.

35-76

SERVICE BRAKES - Front Disc Brake

FRONT DISC BRAKE (Vehicles for Europe) REMOVAL AND INSTALLATION

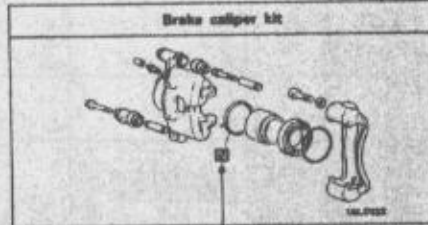
Denotes tightening torque

30-100 Nm
8.0-10.0 kgm
58-72 ft.lbs.



Removal steps

1. Connection of the brake hose
2. Front brake assembly
3. Brake disc



Repair kit or set parts are shown. (Only very frequently used parts are shown.)

Denotes non-reusable part

Pre-removal Operation

- Drain Brake Fluid

Post-installation Operation

- Brake Fluid Filling
- Brake Line Bleeding
- (Refer to P.35.47.)

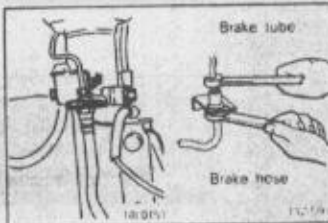
NOTE

- (1) Reverse the removal procedures to reinstall.
- (2) Refer to "Service Points of Removal".
- (3) Refer to "Service Points of Installation".
- (4) Non-reusable parts.

SERVICE POINTS OF REMOVAL

1. DISCONNECTION OF BRAKE HOSE

Holding the nut on the brake hose side. Loosen the flared brake line nut.



INSPECTION

INSPECTION OF BRAKE DISC

- Check for disc damage

Operating procedures, cautions, etc. on removal, installation, disassembly and reassembly are described.

This number corresponds to the number appearing in "Removal steps", "Disassembly steps", "Installation steps" or "Reassembly steps".

EXPLANATION OF THE TROUBLESHOOTING GUIDE

3. Checking the passenger compartment-temperature sensor, outside-air sensor, air-thermostat sensor and refrigerant-temperature sensor circuits

Indicates connector's terminal number

Provides the necessary description of circuit operation for basic understanding

Indicates the check to be made

Indicates the circuit diagram for checking (including the interface of the air conditioner control unit).

Indicates the connector number. Numbers are used in the operation descriptions only as necessary, and these numbers correspond to the numbers used in harness and component layout diagrams.

Provides hints (including standards for judgement) when troubleshooting procedures are followed.

Indicates the diagnosis output code No. and the system conditions during output.

Operation description

A negative-characteristic thermistor is employed for each sensor in order to convert the ambient temperature of the sensor part to resistance. The sensor power-supply (2.5V) of the air-conditioner control unit is applied to each sensor, and the voltages of terminals (16), (15), (17) and (5) are divided by the resistance values of each sensor, and resistance R.

Troubleshooting hints

Diagnosis

- No. 11: The passenger compartment-temperature sensor input signal is held to 25°C (77°F).
- No. 12: The outside-air sensor input signal is held to 15°C (59°F).
- No. 13: The air-thermostat sensor input signal is held to 4°C (39°F).

Air conditioner control unit terminal voltage

Terminal No.	Signal	Conditions	Terminal voltage
5	Outside-air sensor	Sensor part temperature 25°C (77°F): 4 kΩ	1.0-1.6V
10	Sensor power supply	At all times	2.45-2.55V
15	Refrigerant-temperature sensor	Sensor part temperature 25°C (77°F) when air conditioner is OFF: 80 Ω	Approx. 0.16V
16	Passenger compartment-temperature sensor	Sensor part temperature 25°C (77°F): 4 kΩ	1.0-1.6V
17	Air-thermostat sensor	Sensor part temperature 25°C (77°F) when air conditioner is OFF: 4 kΩ	1.0-1.6V

Indicates the terminals to be checked.

Indicates the conditions under which the check should be made.

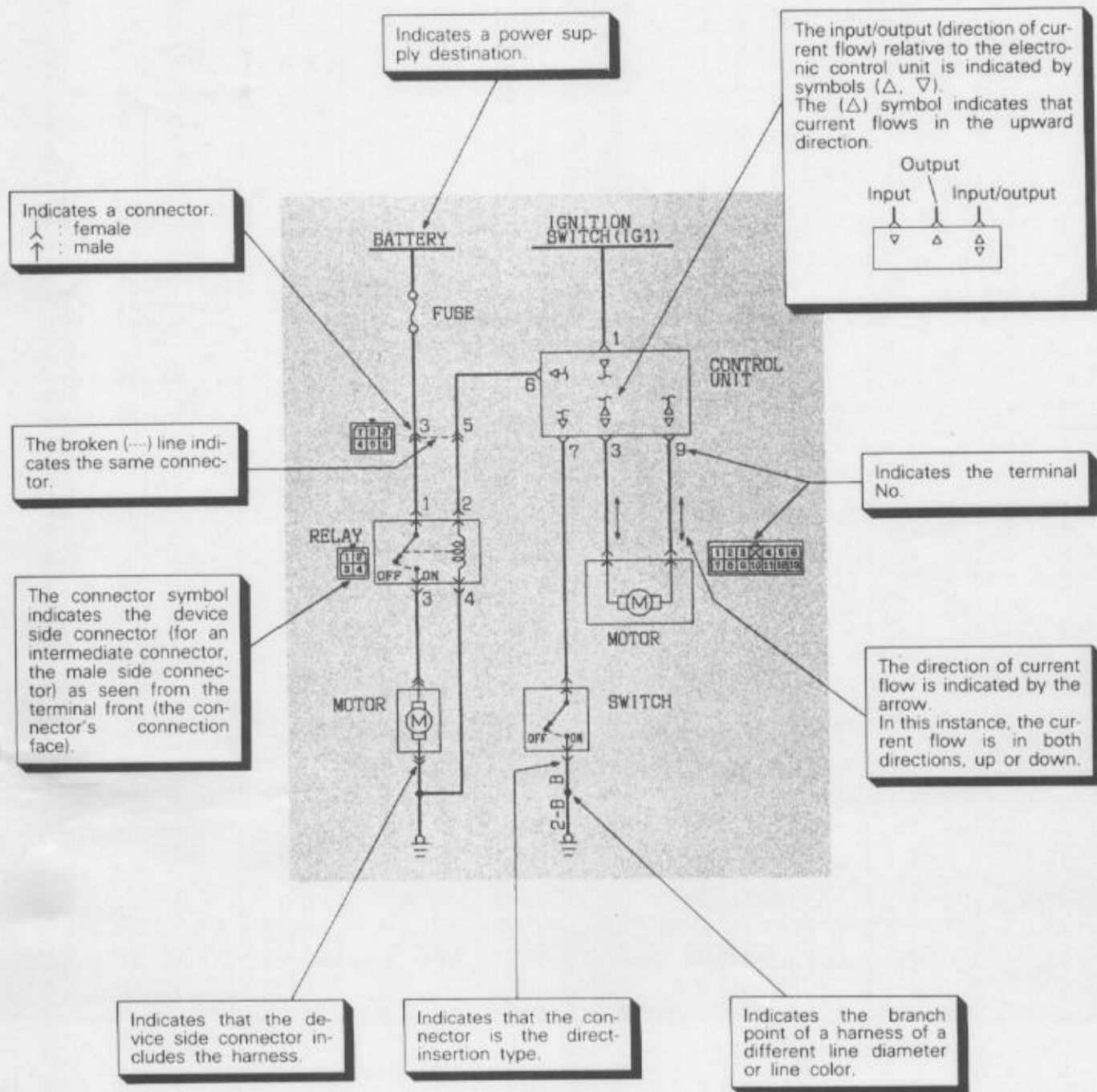
Indicates the specification to be used for judgement of the check results. If there is no particular mention of conditions in the "Conditions" column, the column shows the specification under normal conditions.

EXPLANATION OF CIRCUIT DIAGRAMS

The symbols used in circuit diagrams are used as described below.

NOTE

For detailed information concerning the reading of circuit diagrams, refer to the separate manual of "ELECTRICAL WIRING".



GENERAL

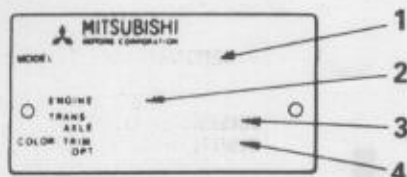
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Vehicle Information Code Plate	2	PRECAUTIONS BEFORE SERVICE	19
Model	2	HARNESS CONNECTOR INSPECTION	26
Model Code	5	SUPPORT LOCATIONS FOR LIFTING AND JACKING	30
Chassis Number	6	STANDARD PARTS-TIGHTENING-TORQUE TABLE	32
DIMENSIONAL VIEWS	7		
MAJOR SPECIFICATIONS	8		

VEHICLE IDENTIFICATION

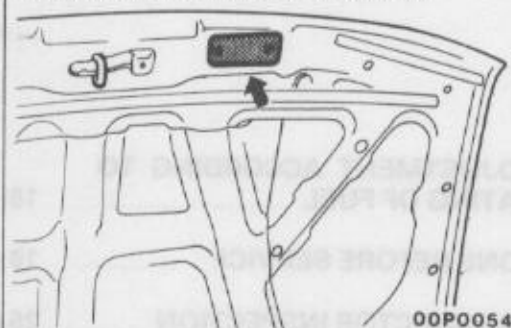
VEHICLE INFORMATION CODE PLATE

Vehicle information code plate is riveted inside the hood panel (for Europe and Australia) or on the front deck (for General Export).



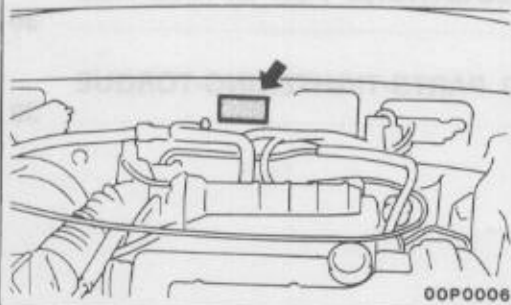
00K520

Vehicles for Europe and Australia



00P0054

Vehicles for General Export



00P0006

1. MODEL

C 5 3 A M N G M L 6

Model series

Vehicle model

2. ENGINE

4 G 6 1

Engine model

3. TRANSAXLE

K M 2 0 6

Transmission model

4. COLOR, TRIM OPT

W 0 9

Monotone exterior colour code

MODEL

Hatchback for Europe

Model code	Engine model	Transmission model
C51VMFMCL6	4G13	KM200
C51AMFML6	4G13	KM200
C51AMNDL6	4G13	KM201
C51AMNDR6	4G13	KM201
C52AMNDL6	4G15	KM201
C52AMNJL6	4G15	KM201
C52AMNJR6	4G15	KM201
C52AMKJL6	4G15	KM170
C53AMNGML6	4G61-DOHC	KM206
C53AMNGMR6	4G61-DOHC	KM206
C54AMNML6	4D65	KM206
C54AMNDL6	4D65	KM206

LANCER-Hatchback for Europe

Model code	Engine model	Transmission model
C61ALNDEQL6*	4G13	F5M21
C62ALNDL6	4G15	F5M21 (KM201)
C62ALNJL6	4G15	F5M21 (KM201)
C62ALNJR6	4G15	F5M21 (KM201)
C62ALKJL6	4G15	F3A21 (KM170)
C62ALKJR6	4G15	F3A21 (KM170)
C66ALNDEQL6*	4G92	F5M22
C66ALNJEQL6*	4G92	F5M22
C66ALNJEQR6*	4G92	F5M22
C66ALRJEQL6*	4G92	F4A21
C66ALRJEQR6*	4G92	F4A21
C67ALNDQL6 (US 87)*	4D68	F5M22
C67ALNJQL6 (US 87)*	4D68	F5M22
C67ALNDL6*	4D68	F5M22
C67ALNJL6*	4D68	F5M22
C68ALNGML6	4G67-DOHC	F5M22 (KM206)
C68ALNGMR6	4G67-DOHC	F5M22 (KM206)
C64ALNDL6	4D65	F5M22 (KM206)
C64ALNDR6	4D65	F5M22 (KM206)
C64ALNJL6	4D65	F5M22 (KM206)
C62ALNDEQL6	4G15	F5M21 (KM201)
C62ALNJEQL6	4G15	F5M21 (KM201)
C62ALRJEQL6	4G15	F4A21 (KM176)
C68ALNGMQL6	4G67-DOHC	F5M22 (KM206)
C69ALNGMQL6*	4G93-DOHC	F5M22
C69ALNGMQR6*	4G93-DOHC	F5M22
C64ALNDQL6	4D65	F5M22 (KM206)
C76ALNJEQL6*	4G92	W5M31
C76ALNJEQR6*	4G92	W5M31
C77ALNJEQL6	4G37	W5M31 (KM221)
C77ALNJEQR6	4G37	W5M31 (KM221)

NOTE

*: Vehicles built from June 1992

LANCER-Sedan for Europe

Model code	Engine model	Transmission model
C65ASNDL6	4G16	F5M21 (KM201)
C61ASFML6	4G13	F4M21 (KM200)
C61ASNML6	4G13	F5M21 (KM201)
C61ASNDL6	4G13	F5M21 (KM201)
C61ASNDR6	4G13	F5M21 (KM201)
C62ASNJL6	4G15	F5M21 (KM201)
C62ASNJR6	4G15	F5M21 (KM201)
C62ASKJL6	4G15	F3A21 (KM170)
C62ASKJR6	4G15	F3A21 (KM170)
C63ASNGMR6	4G61-DOHC	F5M22 (KM206)
C68ASNGMR6	4G67-DOHC	F5M22 (KM206)
C64ASNML6	4D65	F5M22 (KM206)
C64ASNDL6	4D65	F5M22 (KM206)
C64ASNDR6	4D65	F5M22 (KM206)
C64ASNJL6	4D65	F5M22 (KM206)
C61ASNDQL6	4G13	F5M21 (KM201)
C62ASNDEQL6	4G15	F5M21 (KM201)
C62ASNJEQL6	4G15	F5M21 (KM201)
C62ASRJEQL6	4G15	F4A21 (KM176)
C64ASNDQL6	4D65	F5M22 (KM206)

COLT Hatchback for General Export

NOTES

Model code	Engine model	Transmission model
CS1AMMCL	4G13	F5M21 (KM201)
CS1AMMCH	4G13	F5M21 (KM201)
CS1AMML	4G13	F5M21 (KM201)
CS1AMMOL	4G13	F5M21 (KM201)
CS1AMMDH	4G13	F5M21 (KM201)
CS1AMML	4G18	F5M21 (KM201)
CS1AMML	4G18	F5M21 (KM201)
CS1AMMDH	4G61 DOHC	F5M23 (KM203)
CS1AMMDH	4G61 DOHC	F5M23 (KM203)
CS1AMMCH	4G68	F5M21 (KM201)

LANCER Hatchback for General Export

Model code	Engine model	Transmission model
CS2ALUL	4G18	F5M21 (KM201)
CS2ALUR	4G18	F5M21 (KM201)
CS2ALKL	4G18	F5A21 (KM170)
CS2ALKR	4G18	F5A21 (KM170)
CS2ALUR	4G18	F5M21 (KM201)
CS2ALUR	4G18	F5A21 (KM170)
CS2ALUR*	4G61	F5M23
CS2ALUR*	4G61	F5A21

LANCER Sedan for General Export

Model code	Engine model	Transmission model
CS1AMML	4G13	F5M21 (KM201)
CS1AMMR	4G13	F5M21 (KM201)
CS1AMOL	4G13	F5M21 (KM201)
CS1AMDB	4G13	F5M21 (KM201)
CS1ASKL	4G13	F5A21 (KM170)
CS1ASKR	4G13	F5A21 (KM170)
CS1ASLUR	4G13	F5M21 (KM201)
CS1ASKR	4G13	F5A21 (KM170)
CS1ASL	4G18	F5M21 (KM201)
CS1ASUR	4G18	F5M21 (KM201)
CS1ASKL	4G18	F5A21 (KM170)
CS1ASKR	4G18	F5A21 (KM170)
CS1ASKR	4G18	F5M21 (KM201)
CS1ASKR	4G18	F5A21 (KM170)
CS1ASKR	4G61 DOHC	F5M23 (KM203)
CS1ASKR	4G61 DOHC	F5M23 (KM203)
CS1ASOL	4G68	F5M21 (KM201)
CS1ASOL	4G68	F5M21 (KM201)
CS1ASOL	4G68	F5M23 (KM203)
CS1ASOL	4G68	F5M23 (KM203)

NOTE * Vehicles built from June 1992

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Mitsubishi

REVISED

COLT-Hatchback for General Export

Model code	Engine model	Transmission model
C51AMNMCL	4G13	F5M21 (KM201)
C51AMNMCR	4G13	F5M21 (KM201)
C51AMNML	4G13	F5M21 (KM201)
C51AMNDL	4G13	F5M21 (KM201)
C51AMNDR	4G13	F5M21 (KM201)
C52AMNJL	4G15	F5M21 (KM201)
C52AMNJR	4G15	F5M21 (KM201)
C53AMNGMR	4G61-DOHC	F5M22 (KM206)
C58AMNGMR	4G67-DOHC	F5M22 (KM206)
C54AMNMCR	4D65	F5M21 (KM201)

LANCER-Hatchback for General Export

Model code	Engine model	Transmission model
C62ALNJL	4G15	F5M21 (KM201)
C62ALNJR	4G15	F5M21 (KM201)
C62ALKJL	4G15	F3A21 (KM170)
C62ALKJR	4G15	F3A21 (KM170)
C62ALNJER	4G15	F5M21 (KM201)
C62ALRJER	4G15	F4A21 (KM176)
C66ALNJEQR*	4G92	F5M22
C66ALRJEQR*	4G92	F4A21

LANCER-Sedan for General Export

Model code	Engine model	Transmission model
C61ASNML	4G13	F5M21 (KM201)
C61ASNMR	4G13	F5M21 (KM201)
C61ASNDL	4G13	F5M21 (KM201)
C61ASNDR	4G13	F5M21 (KM201)
C61ASKDL	4G13	F3A21 (KM170)
C61ASKDR	4G13	F3A21 (KM170)
C61ASNJR	4G13	F5M21 (KM201)
C61ASKJR	4G13	F3A21 (KM170)
C62ASNJL	4G15	F5M21 (KM201)
C62ASNJR	4G15	F5M21 (KM201)
C62ASKJL	4G15	F3A21 (KM170)
C62ASKJR	4G15	F3A21 (KM170)
C62ASNJER	4G15	F5M21 (KM201)
C62ASRJER	4G15	F4A21 (KM176)
C63ASNGMR	4G61-DOHC	F5M22 (KM206)
C68ASNGMR	4G67-DOHC	F5M22 (KM206)
C64ASNDL	4D65	F5M21 (KM201)
C64ASNDR	4D65	F5M21 (KM201)
C64ASNAL	4D65	F5M22 (KM206)
C64ASNAR	4D65	F5M22 (KM206)

NOTE *: Vehicles built from June 1992

Hatchback for GCC

Model code	Engine model	Transmission model
C51AMNDLW	4G13	F5M21 (KM201)
C52AMKJLW	4G15	F3A21 (KM170)
C53AMNGMLW	4G61-DOHC	F5M22 (KM206)
C58AMNGMLW	4G67-DOHC	F5M22 (KM206)

Sedan for GCC

Model code	Engine model	Transmission model
C61ASFMLW	4G13	F4M21 (KM200)
C61ASNDLW	4G13	F5M21 (KM201)
C62ASNJLW	4G15	F5M21 (KM201)
C62ASKJLW	4G15	F3A21 (KM170)

COLT-Hatchback for Australia

Model code	Engine model	Transmission model
C52AMNJER8	4G15	F5M21 (KM201)
C52AMRJER8	4G15	F4A21 (KM176)
C53AMNGMR8	4G61-DOHC	F5M22 (KM206)

LANCER-Hatchback for Australia

Model code	Engine model	Transmission model
C62ALNMR8	4G15	F5M21 (KM201)
C62ALKMR8*	4G15	F3A21
C62ALNDR8	4G15	F5M21 (KM201)
C62ALKDR8	4G15	F3A21 (KM170)
C62ALNJR8	4G15	F5M21 (KM201)
C62ALKJR8	4G15	F3A21 (KM170)
C62ALNDER8	4G15	F5M21 (KM201)
C62ALRDER8	4G15	F4A21 (KM176)
C62ALNJRER8	4G15	F5M21 (KM201)
C62ALRJER8	4G15	F4A21 (KM176)
C63ALNGMR8	4G61-DOHC	F5M22 (KM206)
C66ALNDER8*	4G92	F5M22
C66ALRDER8*	4G92	F4A21

NOTE

*: Vehicles built from June 1992

LANCER-Sedan for Australia

Model code	Engine model	Transmission model
C62ASNMR8	4G15	F5M21 (KM201)
C62ASNDR8	4G15	F5M21 (KM201)
C62ASKDR8	4G15	F3A21 (KM170)
C62ASNJR8	4G15	F5M21 (KM201)
C62ASKJR8	4G15	F3A21 (KM170)
C62ASNDER8	4G15	F5M21 (KM201)
C62ASRDER8	4G15	F4A21 (KM176)
C62ASNJER8	4G15	F5M21 (KM201)
C62ASRJER8	4G15	F4A21 (KM176)

MODEL CODE

C 5 2 A M N J E Q L 6

1 2 3 4 5 6 7 8

1. Development order

<COLT>

- C51 – 1,299 cc (79.2 cu.in.) petrol engine
- C52 – 1,468 cc (89.6 cu.in.) petrol engine
- C53 – 1,596 cc (97.4 cu.in.) petrol engine
- C54 – 1,796 cc (109.5 cu.in.) diesel engine
- C58 – 1,836 cc (112.0 cu.in.) petrol engine

<LANCER>

- C61 – 1,299 cc (79.2 cu.in.) petrol engine
- C62 – 1,468 cc (89.6 cu.in.) petrol engine
- C63 – 1,596 cc (97.4 cu.in.) petrol engine
- C64 – 1,796 cc (109.5 cu.in.) diesel engine
- C65 – 1,198 cc (73.1 cu.in.) petrol engine
- C66 – 1,597 cc (97.5 cu.in.) petrol engine
- C67 – 1,998 cc (121.9 cu.in.) diesel engine
- C69 – 1,834 cc (111.9 cu.in.) petrol engine
- C76 – 1,597 cc (97.5 cu.in.) petrol engine
- C77 – 1,755 cc (107.1 cu.in.) petrol engine
- C68 – 1,836 cc (112.0 cu.in.) petrol engine

2. Sort

- A – Passenger car
- V – Van

3. Body style

- M – 3-door hatchback
- L – 5-door hatchback
- S – 4-door sedan

4. Transmission type

- F – 4-speed manual transmission
- N – 5-speed manual transmission
- K – 3-speed automatic transmission
- R – 4-speed automatic transmission

5. Trim level

- A – TAXI
- D – GL (for Europe*¹ and General Export)
GLi (for Europe*²)
GLX (for Australia)
- DE – GLXi (for Australia)
- GM – GTi
- J – GLX (for Europe*¹ and General Export)
GLXi (for Europe*²)
SE (for Australia)
- JE – GLXi (for General Export)
SEi (for Australia)
- M – EL
GL (for Australia)
- MC – 2-seater vehicle

NOTE

- *1: Vehicles without catalytic converter
- *2: Vehicles with catalytic converter

6. Specified engine feature

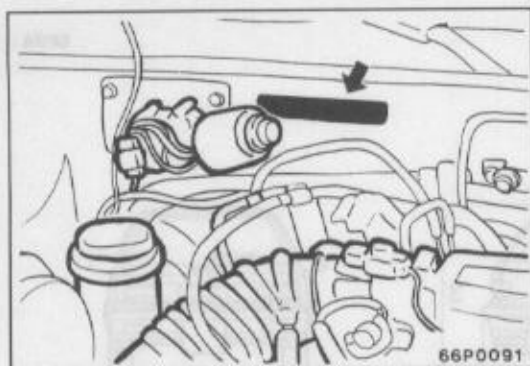
- E – Electronic injection
- Q – Adapted to '83 US Emission standard
- M – Double overhead camshaft
- EQ – Electronic injection, adapted to '83 US Emission standard

7. Steering wheel location

- L – Left hand
- R – Right hand

8. Destination

- 6 – For Europe
- 8 – For Australia
- W – For GCC
- None – For General Export



CHASSIS NUMBER

E01DCA0

The chassis number is stamped on the toeboard inside the engine compartment.

NOTE

The Mitsubishi symbol at both ends of the chassis number is only on vehicles destined for Europe.

Vehicles for Europe


J M B S N C 5 3 A P U 5 0 0 0 0 0 1


1 2 3 4 5 6 7 8 9 10 11 12

Vehicles for General Export and Australia

D S N C 5 3 A P U 0 0 0 0 0 1

3 4 5 6 7 8 9 10 12

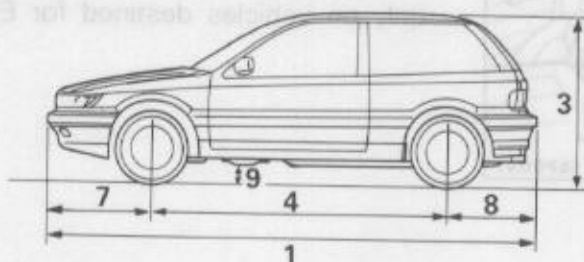
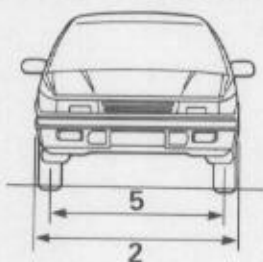
1. Asia
2. Japan
3. MITSUBISHI
 - A – For Europe, right hand drive
 - B – For Europe, left hand drive
 - C – For General Export, right hand drive
 - D – For General Export, left hand drive
 - F – For Australia, right hand drive
4. Body style
 - M – 3-door hatchback
 - L – 5-door hatchback
 - S – 4-door sedan
5. Transmission type
 - F – 4-speed manual transmission
 - N – 5-speed manual transmission
 - K – 3-speed automatic transmission
 - R – 4-speed automatic transmission
6. Development order
 - <COLT>
 - C51 – 1,299 cc (79.2 cu.in.) petrol engine
 - C52 – 1,468 cc (89.6 cu.in.) petrol engine
 - C53 – 1,596 cc (97.4 cu.in.) petrol engine
 - C54 – 1,796 cc (109.5 cu.in.) diesel engine
 - C58 – 1,836 cc (112.0 cu.in.) petrol engine
 - <LANCER>
 - C61 – 1,299 cc (79.2 cu.in.) petrol engine
 - C62 – 1,468 cc (89.6 cu.in.) petrol engine
 - C63 – 1,596 cc (97.4 cu.in.) petrol engine
 - C64 – 1,796 cc (109.5 cu.in.) diesel engine
- 6C5 – 1,198 cc (73.1 cu.in.) petrol engine
- 6C6 – 1,597 cc (97.5 cu.in.) petrol engine
- 6C7 – 1,998 cc (121.9 cu.in.) diesel engine
- 6C9 – 1,834 cc (111.9 cu.in.) petrol engine
- 6C76 – 1,597 cc (97.5 cu.in.) petrol engine
- 6C77 – 1,755 cc (107.1 cu.in.) petrol engine
- 6C8 – 1,836 cc (112.0 cu.in.) petrol engine
7. Sort
 - A – Passenger car
 - V – Van
8. Vehicle type
 - C50 – COLT
 - C60 – LANCER (2WD)
 - C70 – LANCER (4WD)
9. Model year
 - K – 1989
 - L – 1990
 - M – 1991
 - N – 1992
 - P – 1993
10. Plant
 - U – Mizushima Motor Vehicle Works
11. Engine specific feature
 - 5,6,7 – Specific engine*, without a turbocharger
- Specific engine*:
 - The engine adapted to more stringent emission standard than ECE (or EEC) regulation
12. Serial number

GENERAL DATA AND SPECIFICATIONS

VEHICLES FOR EUROPE

<COLT-Hatchback>

E01FA--



00P0065

<1300>

Items		C51VMFMCL6 C51VMNMCL6	C51AMFML6 C51AMNML6	C51AMNMQL6	C51AMNDL6/R6	C51AMNDQL6
Dimensions mm (in.)						
Overall length	1.	3,950 (155.5)	3,950 (155.5)	3,950 (155.5)	3,950 (155.5)	3,950 (155.5)
Overall width	2.	1,665 (65.6)	1,665 (65.6)	1,665 (65.6)	1,665 (65.6)* ¹ 1,670 (65.7)* ²	1,665 (65.6)* ¹ 1,670 (65.7)* ²
Overall height (unladen)	3.	1,380 (54.3)	1,380 (54.3)	1,380 (54.3)	1,380 (54.3) or 1,410 (55.5)* ³	1,380 (54.3)
Wheelbase	4.	2,385 (93.9)	2,385 (93.9)	2,385 (93.9)	2,385 (93.9)	2,385 (93.9)
Track – front	5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Track – rear	6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Overhang						
Front	7.	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)
Rear	8.	710 (28.0)	710 (28.0)	710 (28.0)	710 (28.0)	710 (28.0)
Ground clearance (unladen)	9.	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)
Weight kg (lbs.)						
Kerb weight		910 – 930 (2,006 – 2,050) or 915 – 935 (2,017 – 2,061)* ⁴	915 – 945 (2,017 – 2,083) or 920 – 950 (2,028 – 2,094)* ⁵	925 – 955 (2,039 – 2,105)* ¹ 930 – 960 (2,050 – 2,116)* ²	920 – 975 (2,028 – 2,149)* ¹ 925 – 980 (2,039 – 2,161)* ²	930 – 985 (2,050 – 2,171)* ¹ 935 – 990 (2,061 – 2,183)* ²
Gross vehicle weight		1,440 (3,174)	1,440 (3,174)	1,465 (3,229)	1,440 (3,174)	1,465 (3,229)
Gross axle weight						
Front		790 (1,741)	790 (1,741)	790 (1,741)	790 (1,741)	790 (1,741)
Rear		720 (1,587)	720 (1,587)	720 (1,587)	720 (1,587)	720 (1,587)

NOTE

*1: Applicable up to May 1990 production

*2: Applicable from June 1990 production

*3: Vehicles with Super Top

*4: C51VMNMCL6

*5: C51AMNML6

Items	C51VMFMCL6 C51AMFML6 C51AMNDL6/R6 C51AMNMQ6 C51AMNDQL6	C52AMNDL6 C52AMNKL6/R6 C52AMNDEQL6 C52AMNJEQL6	C52AMKJL6 C52AMRDEQL6 C52AMRJEQL6	C53AMNGML6/ R6 C53AMNGMQ6	C54AMNML6 C54AMNDL6 C54AMNDQL6
Seating Capacity	2 or 5	5	5	5	5
Performance					
Max. speed km/h (mph)	158 (98.2) or *4*5157 (97.6) or *14151 (93.8)	161 (100) or *7*8165 (102.5)	156 (96.9)	196 (121.8) or *11195 (121.2)	148 (92.0)
Max. climbing ability tan θ	0.41	0.41 or *7*80.42	0.42	0.43	0.39
Min. turning radius m (ft.)	4.9 (16.1)	4.9 (16.1)	4.9 (16.1)	4.9 (16.1)	4.9 (16.1)
Engine					
Model	4G13	4G15	4G15	4G61-DOHC	4D65
Total displacement cc (cu.in.)	1,299 (79.2)	1,468 (89.6)	1,468 (89.6)	1,596 (97.4)	1,796 (109.5)
Fuel System					
Fuel supply system	Carburettor	Carburettor or *7*8Injection	Carburettor or *9*10Injection	Injection	Injection
Fuel pump type	Mechanical (Diaphragm)	Mechanical (Diaphragm)	Mechanical (Diaphragm)	Electrical	Mechanical (Vane)
Fuel tank capacity lit. (U.S.gals., Imp.gals.)	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)
Cooling System					
Cooling capacity (including reservoir) lit. (U.S.qts., Imp.qts.)	5.0 (5.3, 4.4)	5.0 (5.3, 4.4)	5.0 (5.3, 4.4)	6.0 (6.3, 5.3)	6.0 (6.3, 5.3)
Clutch					
Type	Dry single-disc clutch with a diaphragm spring		—	Dry single-disc clutch with a diaphragm spring	
Transmission					
Type	4-speed manual or *3*4*55-speed manual	5-speed manual	3-speed auto- matic or *9*104-speed automatic	5-speed manual	5-speed manual
Model	KM200 or *3*4*5KM201	KM201	KM170 or *9*10KM176	KM206	KM206

NOTE

*1: Vehicles with Super Top

*2: C51AMFML6

*3: C51AMNDL6/R6

*4: C51AMNMQ6

*5: C51AMNDQL6

*6: C52AMNKL6/R6

*7: C52AMNDEQL6

*8: C52AMNJEQL6

*9: C52AMRDEQL6

*10: C52AMRJEQL6

*11: C53AMNGMQ6

*12: C54AMNDL6

*13: C54AMNDQL6

*14: Vehicles for West
Germany

Items	C51VMFMCL6 C51AMFML6 C51AMNDL6/R6 C51AMNMQL6 C51AMNDQL6	C52AMNDL6 C52AMNKL6/R6 C52AMNDEQL6 C52AMNJEQL6	C52AMKJL6 C52AMRDEQL6 C52AMRJEQL6	C53AMNGML6/ R6 C53AMNGMQL6	C54AMNML6 C54AMNDL6 C54AMNDQL6
Wheels					
Tyre size	155SR13	155SR13 or 175/70R13 82H	155SR13 or 175/70R13 82H	185/60R14 82H or 195/60R14 85H	155SR13
Disc wheel size	5-Jx13	5-Jx13	5-Jx13	5.5-JJx14	5-Jx13
Suspension					
Front	McPherson struts with coil spring				
Rear					
Steering System					
Type	Rack and pinion				
Service Brakes					
Type	Hydraulic diagonally connected double circuit system with power assistance				
Front					
Rear					
Parking brake					
Electrical System					
Battery	50B24R(S) or 55D26R	50B24R(S) or 55D26R	50B24R(S) or 55D26R or 65D26R	50B24R(S) or 55D26R or 65D26R	95D31R

Items	C53AMNGML6/R6 C53AMNGMQL6	C58AMNGML6/R6 C58AMNGMQL6	C54AMNML6	C54AMNDL6 C54AMNDQL6
Weight kg (lbs.) Kerb weight	1,035 – 1,135 (2,281 – 2,502) 1,040 – 1,140 (2,292 – 2,513)* ¹	1,040 – 1,145 (2,292 – 2,524) 1,045 – 1,150 (2,304 – 2,535)* ²	1,000 – 1,020 (2,204 – 2,248)	1,010 – 1,060 (2,226 – 2,336)* ³ 1,010 – 1,080 (2,226 – 2,381)* ⁴ 1,015 – 1,065 (2,237 – 2,347)* ⁵
Gross vehicle weight	1,550 (3,417)	1,465 (3,229)	1,550 (3,417)	1,465 (3,229)
Gross axle weight				
Front	840 (1,851)	790 (1,741)	840 (1,851)	790 (1,741)
Rear	730 (1,609)	720 (1,587)	730 (1,609)	720 (1,587)
Seating Capacity	5	5	5	5
Engine				
Model	4G61-(DOHC)	4G67-(DOHC)	4D65	4D65
Total displacement cc (cu.in.)	1,596 (97.4)	1,836 (112.0)	1,796 (109.5)	1,796 (109.5)
Fuel System				
Fuel supply system	Injection	Injection	Injection	Injection
Transmission				
Model	F5M22	F5M22	F5M22	F5M22
Type	5-speed manual	5-speed manual	5-speed manual	5-speed manual

NOTE

*1: C53AMNGMQL6

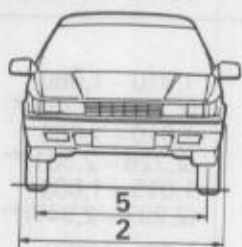
*2: C58AMNGMQL6

*3: Applicable up to May 1990 production

*4: Applicable from June 1990 production

*5: C54AMNDQL6

<LANCER-Hatchback>



<1300, 1500>

00P0070

Items	C61ALNDEQL6*3	C62ALNDL6	C62ALNDEQL6	C62ALNJL6/R6 C62ALKJL6/R6	C62ALNJEQL6 C62ALRJEQL6
Dimensions mm (in.)					
Overall length 1.	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)
Overall width 2.	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)
Overall height (unladen) 3.	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)
Wheelbase 4.	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)
Track – front 5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Track – rear 6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Overhang					
Front 7.	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)
Rear 8.	925 (36.4)	925 (36.4)	925 (36.4)	925 (36.4)	925 (36.4)
Ground clearance (unladen) 9.	125 (4.9)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)
Weight kg (lbs.)					
Kerb weight					
M/T	1,005 – 1,045 (2,216 – 2,304)	965 – 1,005 (2,127 – 2,216)*1 970 – 1,010 (2,138 – 2,227)*2	1,000 – 1,040 (2,205 – 2,293)	990 – 1,065 (2,183 – 2,348)*1 995 – 1,070 (2,194 – 2,359)*2	1,010 – 1,085 (2,227 – 2,392)*1 1,015 – 1,090 (2,238 – 2,403)*2
A/T	–	–	–	1,005 – 1,080 (2,216 – 2,381)*1 1,010 – 1,085 (2,227 – 2,392)*2	1,030 – 1,105 (2,271 – 2,436)*1 1,035 – 1,110 (2,282 – 2,447)*2
Gross vehicle weight	1,520 (3,351)	1,520 (3,351)	1,520 (3,351)	1,520 (3,351)	1,520 (3,351)
Gross axle weight					
Front	790 (1,742)	790 (1,742)	790 (1,742)	790 (1,742)	790 (1,742)
Rear	790 (1,742)	790 (1,742)	790 (1,742)	790 (1,742)	790 (1,742)
Seating Capacity	5	5	5	5	5
Engine					
Model	4G13-(SOHC)	4G15-(SOHC)	4G15-(SOHC)	4G15-(SOHC)	4G15-(SOHC)
Total displacement cc (cu.in.)	1,298 (79.2)	1,468 (89.6)	1,468 (89.6)	1,468 (89.6)	1,468 (89.6)

NOTE

*1: Applicable up to May 1990 production

*2: Applicable from June 1990 production

*3: Vehicles built from June 1992

Items	C61ALNDEQL6*	C62ALNDL6	C62ALNDEQL6	C62ALNJL6/R6 C62ALKJL6/R6	C62ALNJEQL6 C62ALRJEQL6
Fuel System					
Fuel supply system	Injection	Carburettor	Injection	Carburettor	Injection
Transmission					
Model					
M/T	F5M21	F5M21	F5M21	F5M21	F5M21
A/T	—	—	—	F3A21	F4A21
Type					
M/T	5-speed manual	5-speed manual	5-speed manual	5-speed manual	5-speed manual
A/T	—	—	—	3-speed automatic	4-speed automatic

<1800>

Items	C69ALNGMQL6** C69ALNGMQR6**	C68ALNGML6/R6 C68ALNGMQL6	C64ALNDL6/R6 C64ALNDQL6	C64ALNJL6	C77ALNJEQL6/R6
Dimensions mm (in.)					
Overall length 1.	4,235 (166.7)	4,245 (167.1)	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)
Overall width 2.	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)
Overall height 3. (unladen)	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)	1,425 (56.1)
Wheelbase 4.	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)
Track – front 5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,425 (56.1)
Track – rear 6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,420 (55.9)
Overhang					
Front 7.	855 (33.7)	865 (34.1)	855 (33.7)	855 (33.7)	855 (33.7)
Rear 8.	925 (36.4)	925 (36.4)	925 (36.4)	925 (36.4)	925 (36.4)
Ground clearance 9. (unladen)	125 (4.9)	155 (6.1)	155 (6.1)	155 (6.1)	165 (6.5)
Weight kg (lbs.)					
Kerb weight	1,120 – 1,210 (2,469 – 2,668)	1,100 – 1,200 (2,425 – 2,646)* ¹ 1,105 – 1,205 (2,436 – 2,657)* ² 1,105 – 1,205 (2,436 – 2,657)* ^{1,3} 1,110 – 1,210 (2,447 – 2,668)* ^{2,3}	1,045 – 1,090 (2,304 – 2,403) 1,050 – 1,095 (2,315 – 2,414)* ⁴	1,070 – 1,140 (2,359 – 2,513)	1,135 – 1,210 (2,502 – 2,668)
Gross vehicle weight	1,630 (3,594)	1,615 (3,560) 1,520 (3,351)* ^{1,4} 1,550 (3,417)* ^{2,4}	1,550 (3,417)	1,550 (3,417)	1,620 (3,571)
Gross axle weight					
Front	840 (1,852)	840 (1,852)	830 (1,830) 790 (1,742)* ^{1,4} 830 (1,830)* ^{2,4}	830 (1,830)	830 (1,830)
Rear	820 (1,808)	820 (1,808)	790 (1,742)	790 (1,742)	830 (1,830)

NOTE

*1: Applicable up to May 1990 production

*3: C68ALNGMQL6

*5: Vehicles built from June 1992

*2: Applicable from June 1990 production

*4: C64ALNDQL6

Items	C69ALNGMQL6* C69ALNGMQR6*	C68ALNGML6/R6 C68ALNGMQL6	C64ALNDL6/R6 C64ALNDQL6	C64ALNJL6	C77ALNJEQL6/R6
Seating Capacity	5	5	5	5	5
Engine					
Model	4G93-(DOHC)	4G67-(DOHC)	4D65	4D65	4G37-(SOHC)
Total displacement cc (cu.in.)	1,834 (111.9)	1,836 (112.0)	1,796 (109.5)	1,796 (109.5)	1,755 (107.1)
Fuel System					
Fuel supply system	Injection	Injection	Injection	Injection	Injection
Transmission					
Model	F5M22	F5M22	F5M22	F5M22	W5M31
Type	5-speed manual	5-speed manual	5-speed manual	5-speed manual	5-speed manual

<1600>*

Items	C66ANDEQL6	C66ALNJEQL6 C66ALNJEQR6	C66ALRJEQL6 C66ALRJEQR6	C76ALNJEQL6 C76ALNJEQR6
Dimensions mm (in.)				
Overall length 1.	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)
Overall width 2.	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)
Overall height (unladen) 3.	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)	1,425 (56.1)
Wheelbase 4.	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)
Track – front 5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,425 (56.1)
Track – rear 6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,420 (55.9)
Overhang				
Front 7.	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)
Rear 8.	925 (36.4)	925 (36.4)	925 (36.4)	925 (36.4)
Ground clearance (unladen) 9.	125 (4.9)	125 (4.9)	125 (4.9)	125 (4.9)
Weight kg (lbs.)				
Kerb weight	1,045 – 1,075 (2,304 – 2,370)	1,050 – 1,160 (2,315 – 2,557)	1,065 – 1,175 (2,348 – 2,590)	1,150 – 1,220 (2,535 – 2,690)
Gross vehicle weight	1,590 (3,505)	1,590 (3,505)	1,590 (3,505)	1,630 (3,593)
Gross axle weight				
Front	830 (1,830)	830 (1,830)	830 (1,830)	830 (1,830)
Rear	790 (1,742)	790 (1,742)	790 (1,742)	830 (1,830)

NOTE

*: Vehicles built from June 1992

Items	C66ANDEQL6*	C66ALNJEQL6* C66ALNJEQR6*	C66ALRJEQL6* C66ALRJEQR6*	C76ALNJEQL6* C76ALNJEQR6*
Seating Capacity	5	5	5	5
Engine Model	4G92-(SOHC)	4G92-(SOHC)	4G92-(SOHC)	4G92-(SOHC)
Total displacement cc (cu.in.)	1,597 (97.4)	1,597 (97.4)	1,597 (97.4)	1,597 (97.4)
Fuel System Fuel supply system	Injection	Injection	Injection	Injection
Transmission Model Type	F5M22 5-speed manual	F5M22 5-speed manual	F4A21 4-speed automatic	W5M31 5-speed manual

 $\langle 2000 \rangle^*$

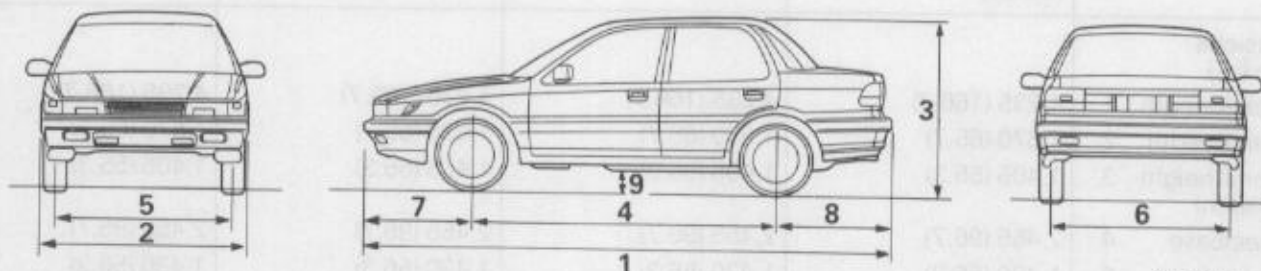
Items	C67ALNDQL6 (US 87)	C67ALNDL6	C67ALNJQL6 (US 87)	C67ALNJL6
Dimensions mm (in.)				
Overall length 1.	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)
Overall width 2.	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)
Overall height 3. (unladen)	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)
Wheelbase 4.	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)
Track – front 5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Track – rear 6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Overhang				
Front 7.	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)
Rear 8.	925 (36.4)	925 (36.4)	925 (36.4)	925 (36.4)
Ground clearance (unladen) 9.	125 (4.9)	125 (4.9)	125 (4.9)	125 (4.9)
Weight kg (lbs.)				
Kerb weight	1,085 – 1,115 (2,392 – 2,458)	1,085 – 1,115 (2,392 – 2,458)	1,090 – 1,155 (2,403 – 2,546)	1,090 – 1,155 (2,403 – 2,546)
Gross vehicle weight	1,570 (3,461)	1,570 (3,461)	1,570 (3,461)	1,570 (3,461)
Gross axle weight				
Front	830 (1,830)	830 (1,830)	830 (1,830)	830 (1,830)
Rear	790 (1,742)	790 (1,742)	790 (1,742)	790 (1,742)

NOTE

*: Vehicles built from June 1992

Items	C67ALNDQL6* (US 87)	C67ALNDL6*	C67ALNJQL6* (US 87)	C67ALNJL6*
Seating Capacity	5	5	5	5
Engine Model	4D68-(SOHC)	4D68-(SOHC)	4D68-(SOHC)	4D68-(SOHC)
Total displacement cc (cu.in.)	1,998 (121.9)	1,998 (121.9)	1,998 (121.9)	1,998 (121.9)
Fuel System Fuel supply system	Injection	Injection	Injection	Injection
Transmission Model	F5M22	F5M22	F5M22	F5M22
Type	5-speed manual	5-speed manual	5-speed manual	5-speed manual

<LANCER-Sedan>



00P0066

<1200, 1300>

Items		C65ASNDL6	C61ASFML6 C61ASNML6	C61ASNDL6/R6 C61ASNDQL6
Dimensions mm (in.)				
Overall length	1.	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)
Overall width	2.	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)
Overall height (unladen)	3.	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)
Wheelbase	4.	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)
Track – front	5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Track – rear	6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Overhang				
Front	7.	855 (33.7)	855 (33.7)	855 (33.7)
Rear	8.	925 (36.4)	925 (36.4)	925 (36.4)
Ground clearance (unladen)	9.	155 (6.1)	155 (6.1)	155 (6.1)

NOTE

*: Vehicles built from June 1992

Items	C51AMNMCL/R C51AMNDL/R	C52AMNJL/R	C53AMNGMR	C54AMNMCR
Suspension Front Rear	McPherson struts with coil spring 3-link, torsion axle with coil spring			
Steering System Type	Rack and pinion			
Service Brakes Type Front Rear Parking brake	Hydraulic diagonally connected double circuit system with power assistance Disc <C51AM, C52AM, C54AM>: Drum, <C53AM>: Disc Parking brake acts mechanically on rear wheels			
Electrical System Battery	34B19R(S) or 55D26R	34B19R(S) or 55D26R	34B19R(S) or 65D26R	95D315

Sedan for General Export

Items	C61ASNML/R C61ASNDL/R C61ASNJR	C62ASNJL/R C62ASNJR	C62ASKJL/R C62ASRJER	C63ASNGMR	C64ASNDL/R
Dimensions mm (in.)					
Overall length	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)	4,245 (167.1)	4,235 (166.7)
Overall width	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)
Overall height (unladen)	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)
Wheelbase	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)
Track – front	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Track – rear	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Ground clearance (unladen)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)
Weight kg (lbs.) Kerb weight	900 (1,896) or *1910 (2,006)	930 (2,050) or *2950 (2,094)	950 (2,094) or *2970 (3,138)	1,030 (2,271)	985 (2,172)
Seating Capacity	5	5	5	5	5
Performance					
Max. speed km/h (mph)	155 (96.3)	161 (100)	161 (100)	194 (120.5)	148 (92.0)
Max. climbing ability tan θ	0.41	0.41	0.42	0.43	0.41
Min. turning radius m (ft.)	4.9 (16.1)	4.9 (16.1)	4.9 (16.1)	4.9 (16.1)	4.9 (16.1)
Engine					
Model	4G13	4G15	4G15	4G61-DOHC	4D65
Total displacement cc (cu.in.)	1,299 (79.2)	1,468 (89.6)	1,468 (89.6)	1,596 (97.4)	1,796 (109.5)

NOTE

*1: C61ASNDL/R, C61ASNJR

*2: C62ASNJR

*3: C62ASRJER

Items	C61ASNML/R C61ASNDL/R C61ASNJR	C62ASNJL/R C62ASNJR	C62ASKJL/R C62ASRJER	C63ASNGMR	C64ASNDL/R
Fuel System					
Fuel supply system	Carburettor	Carburettor or *2Injection	Carburettor or *3Injection	Injection	Injection
Fuel pump type	Mechanical	Mechanical	Mechanical	Electrical	Mechanical
Fuel tank capacity lit. (U.S.gals., Imp.gals.)	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)	50 (13.2, 11.0)
Cooling System					
Cooling capacity (including reservoir) lit. (U.S.qts., Imp.qts.)	5.0 (5.3, 4.4)	5.0 (5.3, 4.4)	5.0 (5.3, 4.4)	5.0 (5.3, 4.4)	5.0 (5.3, 4.4)
Clutch					
Type	Dry single-disc clutch with a diaphragm spring		–	Dry single-disc clutch with a diaphragm spring	
Transmission					
Type	5-speed manual	5-speed manual	3-speed auto- matic or *34-speed automatic	5-speed manual	5-speed manual
Model	KM201	KM201	KM170 or *1KM176	KM206	KM201
Wheels					
Tyre size	155SR13	175/70R13 82S	175/70R13 82S	195/60R14 85H	155SR13
Disc wheel size	5-Jx13	5-Jx13	5-Jx13	5.5-JJx14	5-Jx13
Suspension					
Front	McPherson struts with coil spring				
Rear					
Steering System					
Type	Rack and pinion				
Service Brakes					
Type	Hydraulic diagonally connected double circuit system with power assistance				
Front					
Rear					
Parking brake					
	<C61AS, C62AS, C64AS>: Drum, <C63AS>: Disc				
	Parking brake acts mechanically on rear wheels				
Electrical System					
Battery	34B19R(S) or 55D26R	34B19R(S) or 55D26R	34B19R(S) or 55D26R	34B19R(S) or 65D26R	95D31R

NOTE

*1: C61ASNDL/R, C61ASNJR

*2: C62ASNJR

*3: C62ASRJER

TAXI

Items	Specifications
Dimensions mm (in.)	
Overall length	4,235 (166.7)
Overall width	1,670 (65.7)
Overall height (unladen)	1,420 (55.9)
Wheelbase	2,455 (96.7)
Track – front	1,425 (56.1)
Track – rear	1,430 (56.3)
Ground clearance (unladen)	170 (6.7)
Weight kg (lbs.)	
Kerb weight	1,025 (2,259)
Seating Capacity	5
Performance	
Max. speed km/h (mph)	145 (90.1)
Max. climbing ability $\tan \theta$	0.35
Min. turning radius m (ft.)	4.7 (15.4)
Engine	
Model	4D65
Total displacement cc (cu.in.)	1,796 (109.5)
Fuel System	
Fuel supply system	Injection
Fuel pump type	Mechanical
Fuel tank capacity lit. (U.S.gals., Imp.gals.)	50 (13.2, 11.0)
Cooling System	
Cooling capacity (including reservoir) lit. (U.S.qts., Imp.qts.)	5.0 (5.3, 4.4)
Clutch	
Type	Dry single-disc clutch with a diaphragm spring
Transmission	
Type	5-speed manual
Model	KM206
Wheels	
Tyre size	155SR13
Disc wheel size	4.5-Jx13
Suspension	
Front	McPherson struts with coil spring
Rear	3-link, torsion axle with coil spring
Steering System	
Type	Rack and pinion

Items	Specifications
Service Brakes	
Type	Hydraulic diagonally connected double circuit system with power assistance
Front	Disc
Rear	Drum
Parking brake	Parking brake acts mechanically on rear wheels
Electrical System	
Battery	95D31R

ENGINE ADJUSTMENT ACCORDING TO OCTANE RATING OF FUEL <EUROPE AND GENERAL EXPORT>

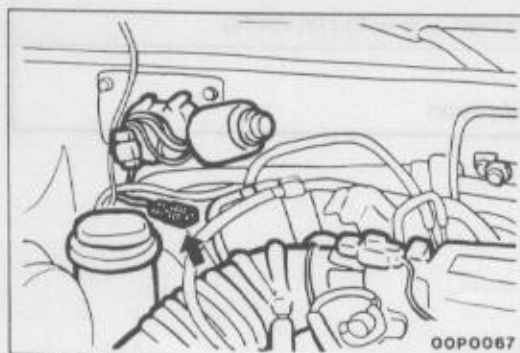
E010AAC

The vehicle with 4G61-DOHC engine or catalytic converter is pre-adjusted for maximum performance for the fuel used by that engine.

The standard fuel for that models is unleaded petrol 95 RON (super), and that for the other models is leaded petrol 98 RON (super).

Because the vehicle with 4G61-DOHC engine or catalytic converter is equipped with a device for automatic switchover according to the octane rating, it is therefore possible to use, as a temporary emergency measure, petrol of a low octane rating if the petrol of the specified octane rating is not available locally while the driver is on a trip.

	Specified gasoline (Super)		Low-octane rating petrol (Normal)	
	Unleaded	Leaded	Unleaded	Leaded
Vehicles with 4G61-DOHC engine or catalytic converter	95 RON	—	91 RON	—
Other models	95 RON	98 to 100 RON	91 RON	90 to 94 RON



00P0067

WHEN LOW-OCTANE RATING PETROL IS TO BE USED FOR A LONG PERIOD OF TIME

Disconnect the connector shown in the illustration, if low-octane rating petrol must be used for a long period of time because petrol of the specified octane rating is not locally available.

NOTE

1. Be sure to keep the disconnected connector.
2. Reconnect the connector when petrol of the specified octane rating is once again available.

<1500, 1600, 1800>

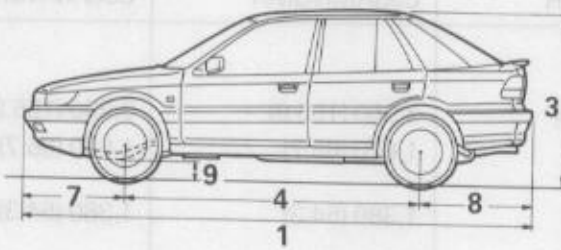
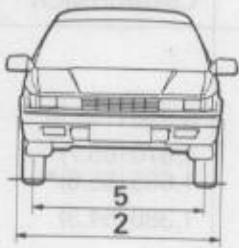
Items	C52AMNJL/R	C53AMNGMR	C58AMNGMR	C54AMNMCR
Dimensions mm (in.)				
Overall length 1.	3,950 (155.5)	3,960 (155.9)	3,960 (155.9)	3,950 (155.5)
Overall width 2.	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)* ¹ 1,665 (65.6)* ²
Overall height 3. (unladen)	1,380 (54.3)	1,380 (54.3)	1,380 (54.3)	1,380 (54.3)
Wheelbase 4.	2,385 (93.9)	2,385 (93.9)	2,385 (93.9)	2,385 (93.9)
Track – front 5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Track – rear 6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Overhang				
Front 7.	855 (33.7)	865 (34.1)	865 (34.1)	855 (33.7)
Rear 8.	710 (28.0)	710 (28.0)	710 (28.0)	710 (28.0)
Ground clearance (unladen) 9.	155 (6.1)	155 (6.1)	155 (6.1)	155 (6.1)
Weight kg (lbs.)				
Kerb weight	925 (2,039)* ¹ 930 (2,050)* ²	1,025 (2,259)	1,025 (2,259)	985 (2,171)
Gross vehicle weight	1,440 (3,174)	1,550 (3,417)	1,550 (3,417)	1,465 (3,229)
Gross axle weight				
Front	790 (1,742)	840 (1,852)	840 (1,852)	790 (1,742)
Rear	720 (1,587)	730 (1,609)	730 (1,609)	720 (1,587)
Seating Capacity	5	5	5	2
Engine				
Model	4G15-(SOHC)	4G61-(DOHC)	4G67-(DOHC)	4D65
Total displacement cc (cu.in.)	1,468 (89.6)	1,596 (97.4)	1,836 (112.0)	1,796 (109.5)
Fuel System				
Fuel supply system	Carburettor	Injection	Injection	Injection
Transmission				
Model	F5M21	F5M22	F5M22	F5M21
Type	5-speed manual	5-speed manual	5-speed manual	5-speed manual

NOTE

*1: Applicable up to May 1990 production

*2: Applicable from June 1990 production

<LANCER-Hatchback>



<1500, 1600>

00P0070

Items		C62ALNJR C62ALKJR	C62ALNJR C62ALRJR	C66ALNJEQR** C66ALRJEQR**
Dimensions	mm (in.)			
Overall length	1.	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)
Overall width	2.	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)
Overall height (unladen)	3.	1,405 (55.3)	1,405 (55.3)	1,425 (56.1)
Wheelbase	4.	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)
Track – front	5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Track – rear	6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Overhang				
Front	7.	855 (33.7)	855 (33.7)	855 (33.7)
Rear	8.	925 (36.4)	925 (36.4)	925 (36.4)
Ground clearance (unladen)	9.	155 (6.1)	155 (6.1)	155 (6.1)
Weight	kg (lbs.)			
Kerb weight				
M/T		980 (2,161)* 985 (2,172)* 990 (2,183)**	1,000 (2,205)* 1,005 (2,216)**	1,040 (2,293)
A/T		995 (2,194)* 1,000 (2,205)** 1,005 (2,216)**	1,020 (2,249)* 1,025 (2,260)**	1,060 (2,337)
Gross vehicle weight		1,520 (3,351)	1,520 (3,351)	1,520 (3,351)
Gross axle weight				
Front		790 (1,742)	790 (1,742)	790 (1,742)
Rear		720 (1,587)	720 (1,587)	790 (1,742)
Seating Capacity		5	5	5
Engine				
Model		4G15-(SOHC)	4G15-(SOHC)	4G92
Total displacement	cc (cu.in.)	1,468 (89.6)	1,468 (89.6)	1,597 (97.5)
Fuel System				
Fuel supply system		Carburettor	Injection	Injection
Transmission				
Model				
M/T		F5M21	F5M21	F5M22
A/T		F3A21	F4A21	F4A21
Type				
M/T		5-speed manual	5-speed manual	5-speed manual
A/T		3-speed automatic	4-speed automatic	4-speed automatic

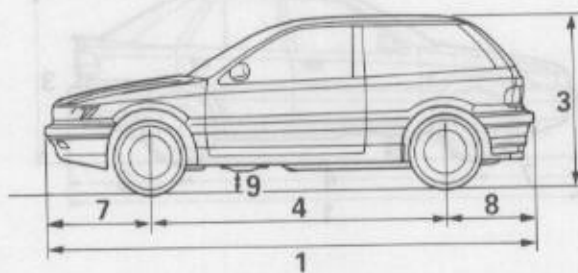
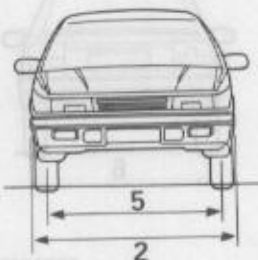
NOTE

*1: Applicable up to May 1990 production
 *2: Applicable from June 1990 production

*3: Vehicles built up to May 1992
 *4: Vehicles built from June 1992

VEHICLES FOR AUSTRALIA

<COLT-Hatchback>



00P0065

Items		C52AMNJER8	C52AMRJER8	C53AMNGMR8
Dimensions	mm (in.)			
Overall length	1.	3,950 (155.5)	3,950 (155.5)	3,960 (155.9)
Overall width	2.	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)
Overall height (unladen)	3.	1,380 (54.3)	1,380 (54.3)	1,380 (54.3)
Wheelbase	4.	2,385 (93.9)	2,385 (93.9)	2,385 (93.9)
Track – front	5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Track – rear	6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Overhang				
Front	7.	855 (33.7)	855 (33.7)	855 (33.7)
Rear	8.	710 (28.0)	710 (28.0)	710 (28.0)
Ground clearance (laden)	9.	105 (4.1)	105 (4.1)	105 (4.1)
Weight	kg (lbs.)			
Kerb weight		965 (2,127)* ¹ 970 (2,138)* ²	985 (2,172)* ¹ 995 (2,194)* ²	1,070 (2,359)
Gross vehicle weight		1,465 (3,229)	1,465 (3,229)	1,550 (3,417)
Gross axle weight				
Front		800 (1,763)	800 (1,763)	840 (1,852)
Rear		720 (1,587)	720 (1,587)	730 (1,609)
Seating Capacity		5	5	5
Engine				
Model		4G15-(SOHC)	4G15-(SOHC)	4G61-(DOHC)
Total displacement	cc (cu.in.)	1,468 (89.6)	1,468 (89.6)	1,596 (97.4)
Fuel System				
Fuel supply system		Carburettor	Carburettor	Injection
Transmission				
Model		F5M21	F4M21	F5M22
Type		5-speed manual	4-speed automatic	5-speed manual

NOTE

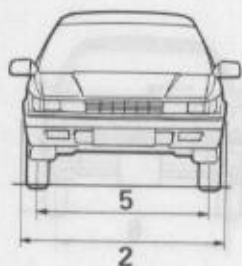
*1: Applicable up to May 1990 production

*2: Applicable from June 1990 production

<LANCER-Hatchback>

VEHICLES FOR AUSTRALIA

<C/LT-Hatchback>



00P0070

Items		C62ALNMR8 C62ALKMR8**	C62ALNDR8 C62ALKDR8	C62ALNDER8 C62ALRDER8
Dimensions mm (in.)				
Overall length	1.	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)
Overall width	2.	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)
Overall height (unladen)	3.	1,405 (55.3) 1,425 (56.1)**	1,405 (55.3)	1,405 (55.3)
Wheelbase	4.	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)
Track – front	5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Track – rear	6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Overhang				
Front	7.	855 (33.7)	855 (33.7)	855 (33.7)
Rear	8.	925 (36.4)	925 (36.4)	925 (36.4)
Ground clearance (laden)	9.	105 (4.1) 155 (6.1)**	105 (4.1)	105 (4.1)
Weight kg (lbs.)				
Kerb weight				
M/T		1,005 (2,216)* ¹ 1,010 (2,227)* ^{2*3} 1,015 (2,238)**	1,020 (2,249)* ¹ 1,025 (2,260)* ²	1,030 (2,271)* ¹ 1,035 (2,282)* ²
A/T		1,030 (2,271)**	1,035 (2,282)* ¹ 1,040 (2,293)* ²	1,050 (2,315)* ¹ 1,055 (2,326)* ²
Gross vehicle weight		1,520 (3,351)	1,520 (3,351)	1,520 (3,351)
Gross axle weight				
Front		800 (1,763)	800 (1,763)	800 (1,763)
Rear		790 (1,741)	790 (1,741)	790 (1,741)
Seating Capacity		5	5	5
Engine				
Model		4G15-(SOHC)	4G15-(SOHC)	4G15-(SOHC)
Total displacement cc (cu.in.)		1,468 (89.6)	1,468 (89.6)	1,468 (89.6)
Fuel System				
Fuel supply system		Carburettor	Carburettor	Injection
Transmission				
Model				
M/T		F5M21	F5M21	F5M21
A/T		F3A21**	F3A21	F4A21
Type				
M/T		5-speed manual	5-speed manual	5-speed manual
A/T		3-speed automatic**	3-speed automatic	4-speed automatic

NOTE

*1: Applicable up to May 1990 production

*2: Applicable from June 1990 production

*3: Vehicles built up to May 1992

*4: Vehicles built from June 1992

Items	C62ALNJR8 C62ALKJR8	C62ALNJR8 C62ALRJR8	C63ALNGMR8	C66ALNDER8*3 C66ALRDER8*3
Dimensions mm (in.)				
Overall length 1.	4,235 (166.7)	4,235 (166.7)	4,245 (167.1)	4,235 (166.7)
Overall width 2.	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)
Overall height (unladen) 3.	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)	1,425 (56.1)
Wheelbase 4.	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)
Track – front 5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Track – rear 6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Overhang				
Front 7.	855 (33.7)	855 (33.7)	855 (33.7)	855 (33.7)
Rear 8.	925 (36.4)	925 (36.4)	925 (36.4)	925 (36.4)
Ground clearance (laden) 9.	105 (4.1)	105 (4.1)	105 (4.1)	155 (6.1)
Weight kg (lbs.)				
Kerb weight				
M/T	1,025 (2,260)	1,035 (2,282)*1 1,040 (2,293)*2	1,140 (2,513)	1,055 (2,326)
A/T	1,040 (2,293)	1,055 (2,326)*1 1,060 (2,337)*2	–	1,075 (2,370)
Gross vehicle weight	1,520 (3,351)	1,520 (3,351)	1,615 (3,560)	1,520 (3,351)
Gross axle weight				
Front	800 (1,763)	800 (1,763)	840 (1,852)	800 (1,763)
Rear	790 (1,741)	790 (1,741)	820 (1,808)	790 (1,741)
Seating Capacity	5	5	5	5
Engine				
Model	4G15-(SOHC)	4G15-(SOHC)	4G61-(DOHC)	4G92
Total displacement cc (cu.in.)	1,468 (89.6)	1,468 (89.6)	1,596 (97.4)	1,597 (97.4)
Fuel System				
Fuel supply system	Carburettor	Injection	Injection	Injection
Transmission				
Model				
M/T	F5M21	F5M21	F5M22	F5M22
A/T	F3A21	F4A21	–	F4A21
Type				
M/T	5-speed manual	5-speed manual	5-speed manual	5-speed manual
A/T	3-speed automatic	4-speed automatic	–	4-speed automatic

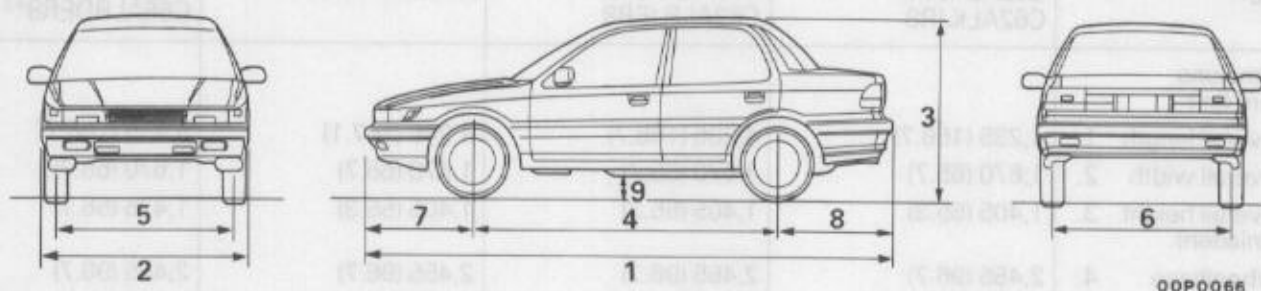
NOTE

*1: Applicable up to May 1990 production

*2: Applicable from June 1990 production

*3: Vehicles built from June 1992

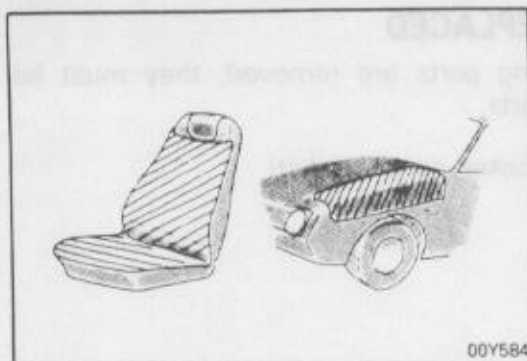
<LANCER-Sedan>



Items		C62ASNMR8	C62ASNDR8 C62ASKDR8	C62ASNDR8 C62ASRDER8
Dimensions	mm (in.)			
Overall length	1.	4,235 (166.7)	4,235 (166.7)	4,235 (166.7)
Overall width	2.	1,670 (65.7)	1,670 (65.7)	1,670 (65.7)
Overall height (unladen)	3.	1,405 (55.3)	1,405 (55.3)	1,405 (55.3)
Wheelbase	4.	2,455 (96.7)	2,455 (96.7)	2,455 (96.7)
Track – front	5.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Track – rear	6.	1,430 (56.3)	1,430 (56.3)	1,430 (56.3)
Overhang				
Front	7.	855 (33.7)	855 (33.7)	855 (33.7)
Rear	8.	925 (36.4)	925 (36.4)	925 (36.4)
Ground clearance (laden)	9.	105 (4.1)	105 (4.1)	105 (4.1)
Weight	kg (lbs.)			
Kerb weight				
M/T		965 (2,127)* ¹ 970 (2,138)* ²	980 (2,161)* ¹ 985 (2,172)* ²	990 (2,183)* ¹ 995 (2,194)* ²
A/T		–	995 (2,194)* ¹ 1,000 (2,205)* ²	1,010 (2,227)* ¹ 1,015 (2,238)* ²
Gross vehicle weight		1,450 (3,196)	1,450 (3,196)	1,465 (3,229)
Gross axle weight				
Front		800 (1,763)	800 (1,763)	800 (1,763)
Rear		720 (1,587)	720 (1,587)	720 (1,587)
Seating Capacity		5	5	5
Engine				
Model		4G15-(SOHC)	4G15-(SOHC)	4G15-(SOHC)
Total displacement	cc (cu.in.)	1,468 (89.6)	1,468 (89.6)	1,468 (89.6)
Fuel System				
Fuel supply system		Carburettor	Carburettor	Injection
Transmission				
Model				
M/T		F5M21	F5M21	F5M21
A/T		–	F3A21	F4A21
Type				
M/T		5-speed manual	5-speed manual	5-speed manual
A/T		–	3-speed automatic	4-speed automatic

NOTE

*1: Applicable up to May 1990 production *2: Applicable from June 1990 production



00Y584

PRECAUTIONS BEFORE SERVICE

E01GA-1

PROTECTING VEHICLE

If there is a likelihood of damaging painted or interior parts during service operations, protect them with suitable covers (such as Seat covers, Fender covers, etc.).



F00030

DOING SERVICE WORK IN GROUPS OF TWO OR MORE MECHANICS

If the service work is to be done by two or more mechanics working together, all the mechanics involved should take safety into consideration while they work.



00Y583

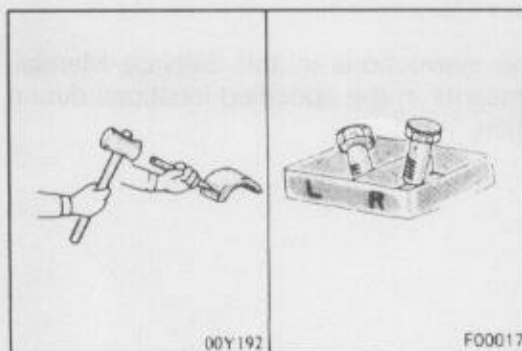
REMOVAL AND DISASSEMBLY

When checking a malfunction, find the cause of the problem. If it is determined that removal and/or disassembly is necessary, perform the work by following the procedures contained in this Workshop Manual.

If punch marks or mating marks are made to avoid error in assembly and to facilitate the assembly work, be sure to make them in locations which will have no detrimental effect on performance and/or appearances.

If an area having many parts, similar parts, and/or parts which are symmetrical right and left is disassembled, be sure to arrange the parts so that they do not become mixed during the assembly process.

1. Arrange the parts removed in the proper order.
2. Determine which parts are to be reused and which are to be replaced.
3. If bolts, nuts, etc., are to be replaced, be sure to use only the exact size specified.

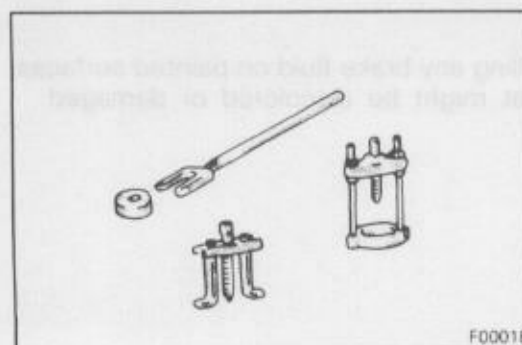


00Y192

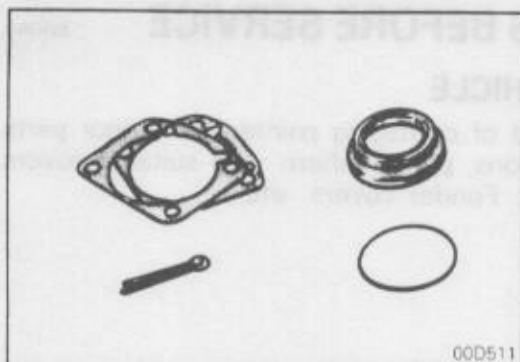
F00017

SPECIAL TOOLS

If other tools are substituted for the special tools to do service or repair work, there is the danger that vehicle parts might be damaged, or the technician might be injured; therefore, be sure to use the special tool whenever doing any work for which the use of one is specified.



F00018

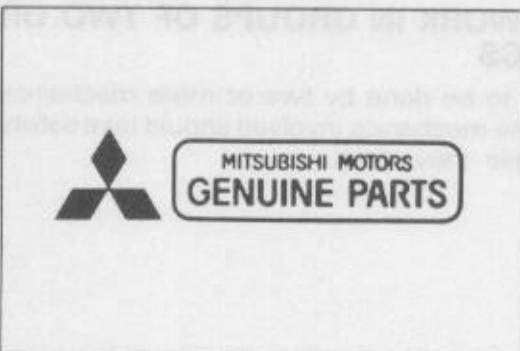


00D511

PARTS TO BE REPLACED

If any of the following parts are removed, they must be replaced with new parts.

1. Oil seals
2. Gaskets (except rocker cover gasket)
3. Packings
4. O-rings
5. Lock washers
6. Cotter pins
7. Self-locking nuts



PARTS

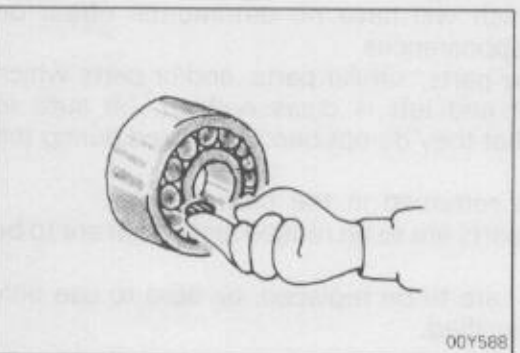
When replacing parts, use MITSUBISHI genuine parts.



00Y585

TUBES AND OTHER RUBBER PARTS

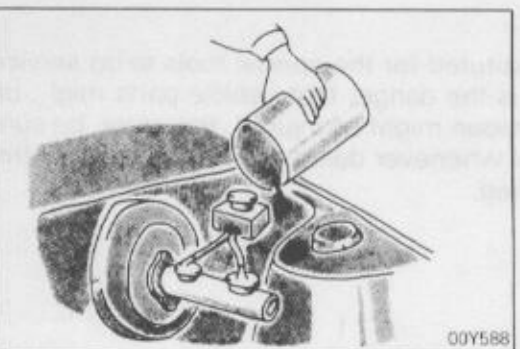
Be careful to avoid spilling any gasoline, oil, etc., because if it adheres to any tubes or other rubber parts, they might be adversely affected.



00Y588

LUBRICANTS

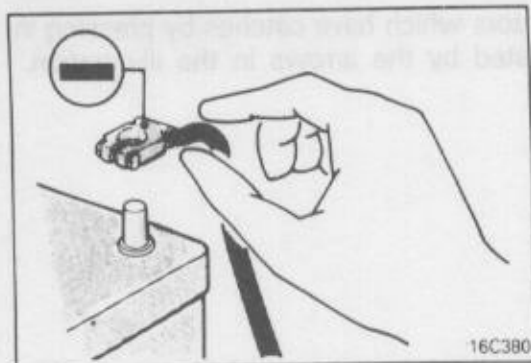
In accordance with the instructions in this Service Manual, apply the specified lubricants in the specified locations during assembly and installation.



00Y588

BRAKE FLUID

Be careful to avoid spilling any brake fluid on painted surfaces, because the paint coat might be discolored or damaged.



SERVICING THE ELECTRICAL SYSTEM

1. When working on the electrical system, be sure to avoid arbitrary changes to the electrical devices or wiring as such can cause electrical overloading and shorts, and fire.
2. When servicing the electrical system, disconnect the negative cable terminal from the battery.

Caution

1. Before connecting or disconnecting the negative cable, be sure to turn off the ignition switch and the lighting switch.

(If this is not done, there is the possibility of semi-conductor parts being damaged.)

2. For MPI-equipped models, after completion of the work steps (the battery's negative (-) terminal reconnected), warm up the engine and allow the engine to idle for approximately five minutes under the conditions described below in order to stabilize the engine control conditions. Once this time has elapsed, check that the idling is satisfactory.

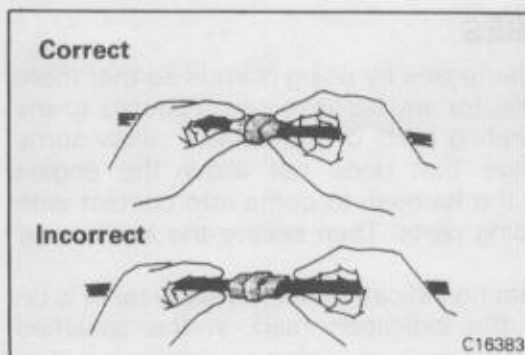
Engine coolant temperature: 80 – 90°C (176 – 194°F)

Lamps, electric fans, accessories: OFF

Transmission: neutral position

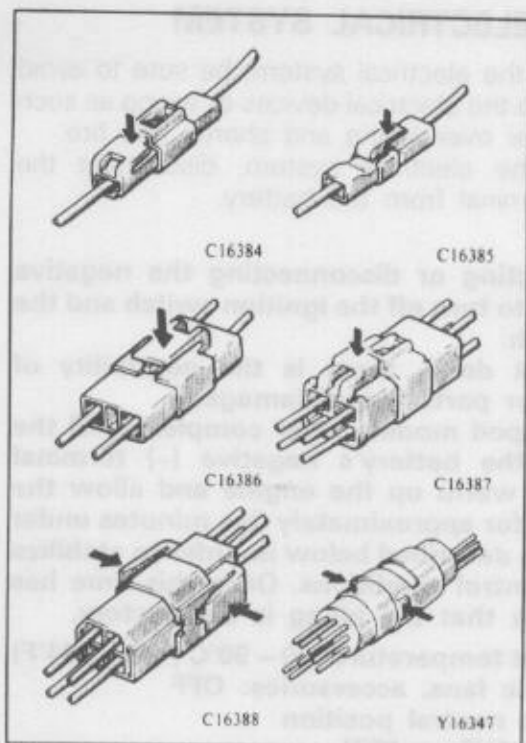
(A/T models: "N" or "P")

Steering wheel: neutral (centre) position

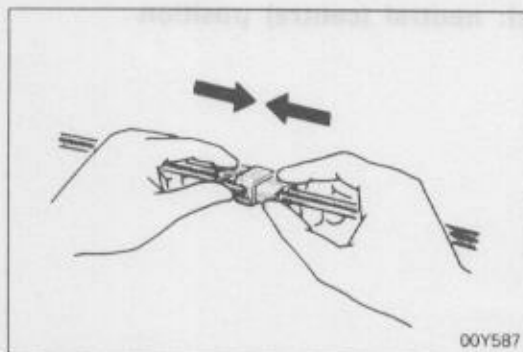


HARNESS CONNECTOR CONNECTION AND DIS-CONNECTION

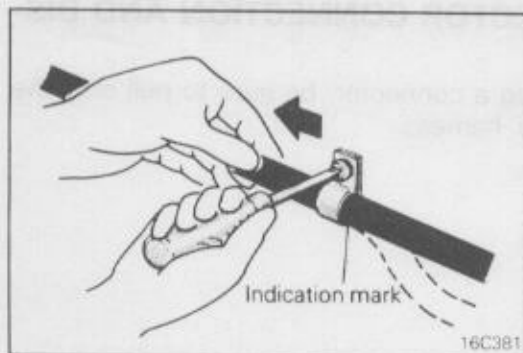
1. When disconnecting a connector, be sure to pull only the connector, not the harness.



2. Disconnect connectors which have catches by pressing in the direction indicated by the arrows in the illustration.

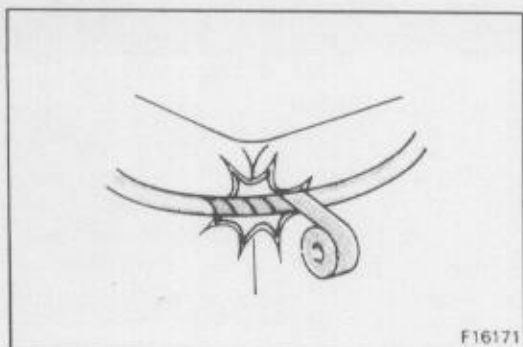


3. Connect connectors which have catches by inserting the connectors until they snap.

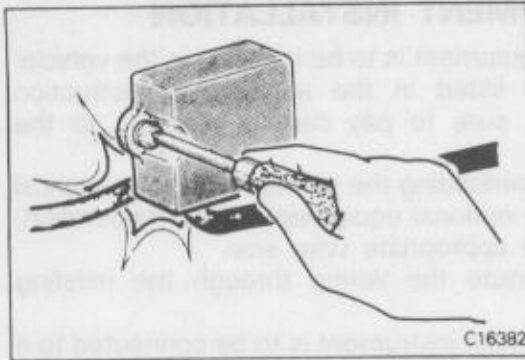


WIRING HARNESSES

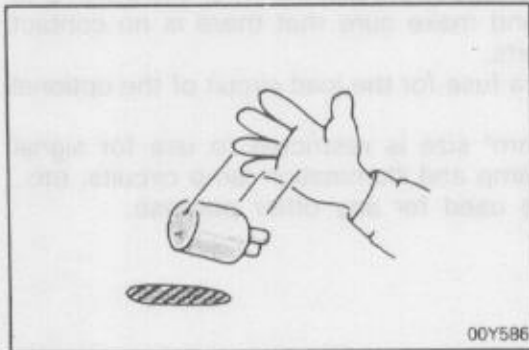
1. Secure the wiring harnesses by using clamps so that there is no slack. However, for any harness which passes to the engine or other vibrating parts of the vehicle, allow some slack within a range that does not allow the engine vibrations to cause the harness to come into contact with any of the surrounding parts. Then secure the harness by using a clamp.
In addition, if a mounting indication mark (yellow tape) is on a harness, secure the indication mark in the specified location.



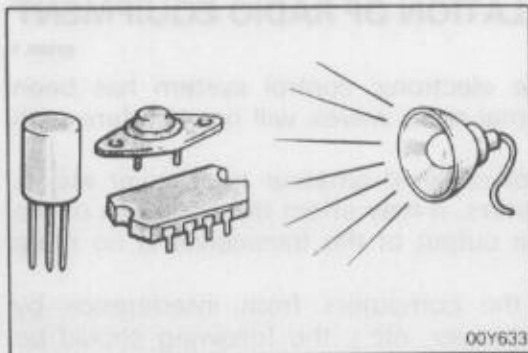
2. If any section of a wiring harness contacts the edge of a part, or a corner, wrap the section of the harness with tape or something similar in order to protect it from damage.
3. Circuits that employ shielded wiring prevent the effects of ignition noise and signal interference. If there is a malfunction of shielded wiring, replace the harness assembly.

**ELECTRICAL COMPONENTS**

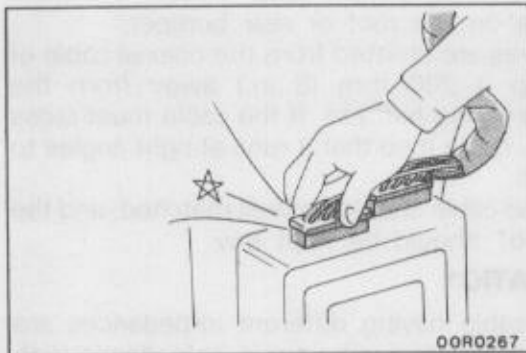
1. When installing any of the vehicle parts, be careful not to pinch or damage any of the wiring harnesses.



2. Sensors, relays, etc., are sensitive to strong impacts. Handle them with care so that they are not dropped or mishandled.



3. The electronic parts used for relays, etc., are sensitive to heat. If any service which causes a temperature of 80°C (176°F) or more is performed, remove the part or parts in question before carrying out the service.



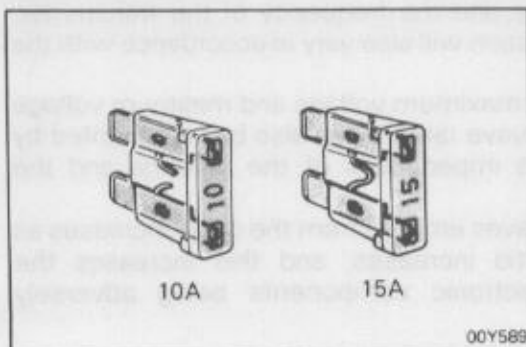
4. Be sure that the control unit connector is securely connected, because if not it can be the cause of a malfunction.

FUSES AND FUSIBLE LINKS

1. If a blown-out fuse is to be replaced, be sure to use only a fuse of the specified capacity. If a fuse of a capacity larger than that specified is used, parts may be damaged and the circuit may not be protected adequately.

Caution

1. If a fuse is blown-out, be sure to eliminate the cause of the problem before installing a new fuse.
2. Check the condition of fuse holders. If rust or dirt is found, clean metal parts with a fine-grained sandpaper until proper metal-to-metal contact is made. Poor contact of any fuse holder will often lead to voltage drop or heating in the circuit and could result in improper circuit operation.



Nominal size	SAE gauge No.	Permissible current	
		In engine compartment	Other areas
0.3 mm ²	AWG 22	–	5A
0.5 mm ²	AWG 20	7A	13A
0.85 mm ²	AWG 18	9A	17A
1.25 mm ²	AWG 16	12A	22A
2.0 mm ²	AWG 14	16A	30A
3.0 mm ²	AWG 12	21A	40A
5.0 mm ²	AWG 10	31A	54A

OPTIONAL EQUIPMENT INSTALLATION

If additional optional equipment is to be installed in the vehicle, follow the procedure listed in the appropriate instruction manual; however, be sure to pay careful attention to the following points:

- (1) In order to avoid overloading the wiring, take the electrical current load of the optional equipment into consideration, and determine the appropriate wire size.
- (2) Where possible, route the wiring through the existing harnesses.
- (3) If an ammeter or similar instrument is to be connected to a live-wire circuit, use tape to protect the wire, use a clamp to secure the wire, and make sure that there is no contact with any other parts.
- (4) Be sure to provide a fuse for the load circuit of the optional equipment.
- (5) Wire of the 0.3 mm² size is restricted to use for signal circuits, indicator lamp and illumination lamp circuits, etc., and should not be used for any other purpose.

NOTE ON INSTALLATION OF RADIO EQUIPMENT

E01HA-1

The computers of the electronic control system has been designed so that external radio waves will not interfere with their operation.

However, if antenna or cable of amateur transceiver etc. is routed near the computers, it may affect the operation of the computers, even if the output of the transceiver is no more than 25W.

To protect each of the computers from interference by transmitter (hum, transceiver, etc.), the following should be observed.

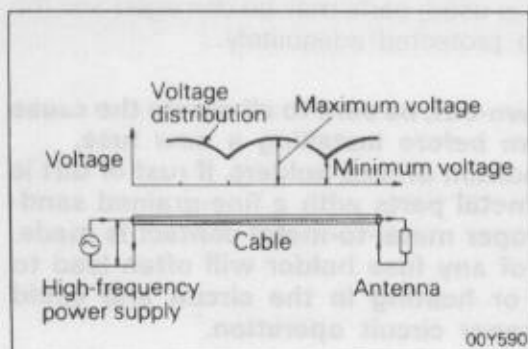
1. Install the antenna on the roof or rear bumper.
2. Because radio waves are emitted from the coaxial cable of the antenna, keep it 200 mm (8 in.) away from the computers and the wiring harness. If the cable must cross the wiring harness, route it so that it runs at right angles to the wiring harness.
3. The antenna and the cable should be well matched, and the standing-wave ratio* should be kept low.

STANDING-WAVE RATIO*

If an antenna and a cable having different impedances are connected, the input impedance will vary in accordance with the length of the cable and the frequency of the transmitter, and the voltage distribution will also vary in accordance with the location.

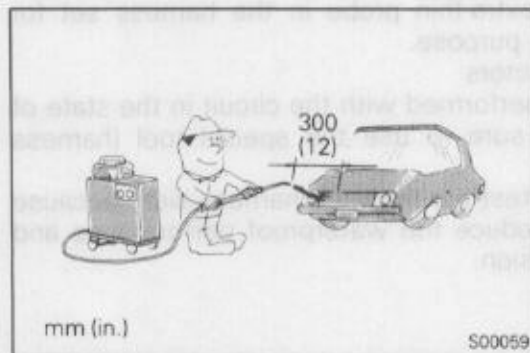
The ratio between this maximum voltage and minimum voltage is called the standing-wave ratio. It can also be represented by the ratio between the impedances of the antenna and the cable.

The amount of radio waves emitted from the cable increases as the standing-wave ratio increases, and this increases the possibility of the electronic components being adversely affected.



00Y590

4. A transmitter having a large output should not be installed in the vehicle.
5. After installation of transmitter, perform the following test and make sure that there is no abnormality.
 - (1) On ECI system equipped vehicles, run the engine at idle, emit radio waves from the transmitter and make sure that the engine is not affected.
 - (2) On auto-cruise control system equipped vehicles, set the vehicle speed at about 50 km per hour (31 mph) by auto-cruise control system, emit radio waves from the transmitter and make sure that the vehicle speed does not change.

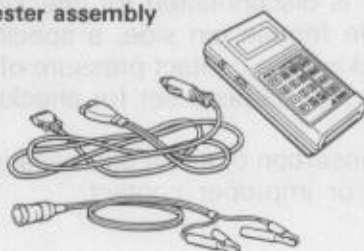


VEHICLE WASHING

E01GA-2

If high-pressure car-washing equipment or steam car-washing equipment is used to wash the vehicle, be sure to maintain the spray nozzle at a distance of at least 300 mm (12 in.) from any plastic parts and all opening parts (doors, luggage compartment, etc.).

Multi-use tester assembly



ROM pack



MULTI-USE TESTER

1. Refer to the MULTI-USE TESTER INSTRUCTION MANUAL for instructions on handling the multi-use tester.

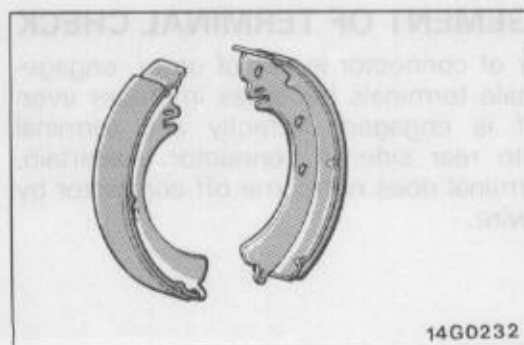
Connection and disconnection of the multi-use tester should always be made with the ignition switch in the OFF position.

2. Always use a ROM pack that is appropriate for the vehicle.

ROM pack No.	Applicable models
MB991236 or MB991308	'89 models
MB991326, MB991322*	'90 models
MB991360, MB991364*	'91 models
MB991419, MB991408*	'92 models
MB991419, MB991408*	'93 models

NOTE

*: Used for vehicles for Australia

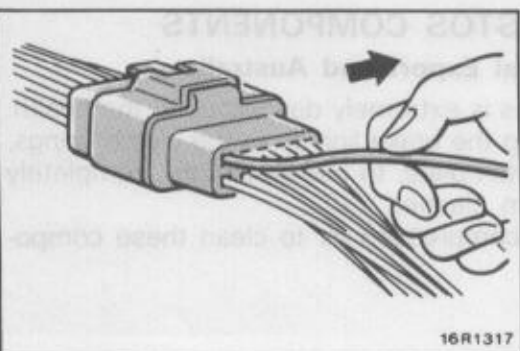
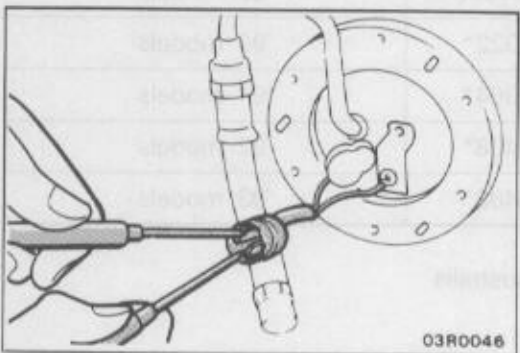
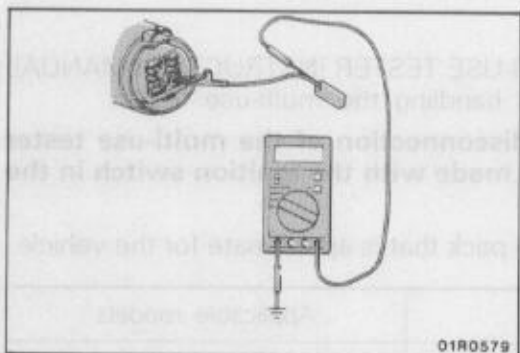
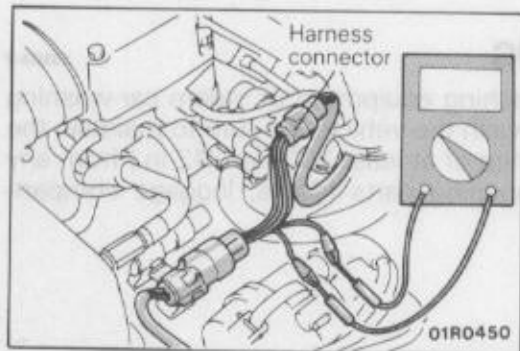
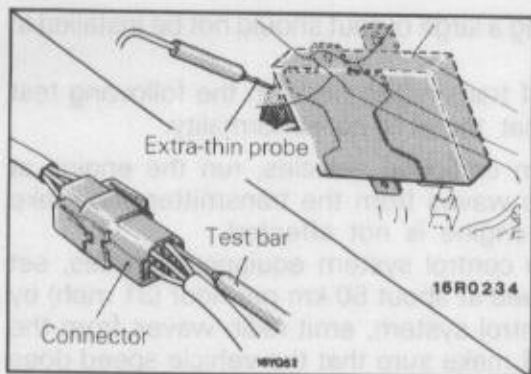


HANDLING ASBESTOS COMPONENTS

<Vehicles for General Export and Australia>

The dust from asbestos is extremely dangerous to the health. Be sure, when cleaning the brake linings or the clutch linings, and particularly the clutch plate, to use an airtight, completely sealed type of vacuum cleaner.

Absolutely never use compressed air to clean these components.



HARNESS CONNECTOR INSPECTION

E01KA-

VOLTAGE/CONTINUITY CHECK AT CONNECTOR

Follow the steps below to avoid causing poor connector contact and/or reduced waterproof performance of connectors when checking continuity and/or voltage at connectors.

(1) Ordinary (non-waterproof) connectors

Check by inserting the test bar from the harness side. Note that if the connector (control unit, etc.) is too small to permit insertion of the test bar, it should not be forced; use a special tool (the extra-thin probe in the harness set for checking) for this purpose.

(2) Waterproof connectors

① If checking is performed with the circuit in the state of continuity, be sure to use the special tool (harness connector).

Never insert a test bar from the harness side, because to do so will reduce the waterproof performance and result in corrosion.

② If the connector is disconnected for checking and the facing part is the female pin side, a special tool (the harness for checking the contact pressure of connector pins, provided in the harness set for checking) should be used.

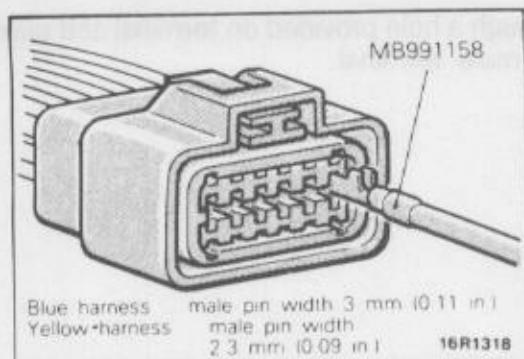
Never force the insertion of a test bar, because to do so will cause poor or improper contact.

③ If the facing part is the male pin side, contact the test bar directly to the pins.

Care must be taken not to short-circuit the connector pins.

IMPROPER ENGAGEMENT OF TERMINAL CHECK

When terminal stopper of connector is out of order, engagement of male and female terminals becomes improper even when connector itself is engaged perfectly and terminal sometimes slips out to rear side of connector. Ascertain, therefore, that each terminal does not come off connector by pulling each harness wire.



CONNECTOR CONNECTIONS CHECKING

When checking connectors, follow the procedures described below.

Using the special tool (the harness for checking the contact pressure of connector pins, provided in the harness set for checking), check the connection and fit of the male and female pins.

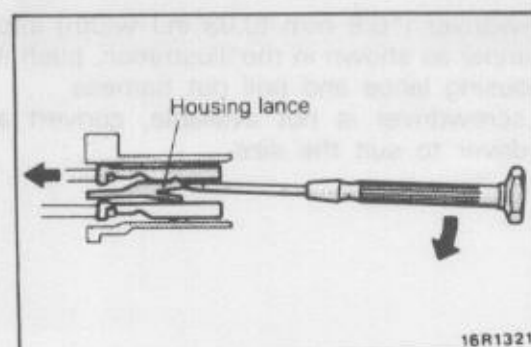
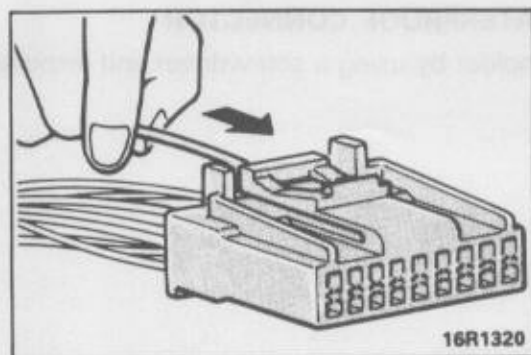
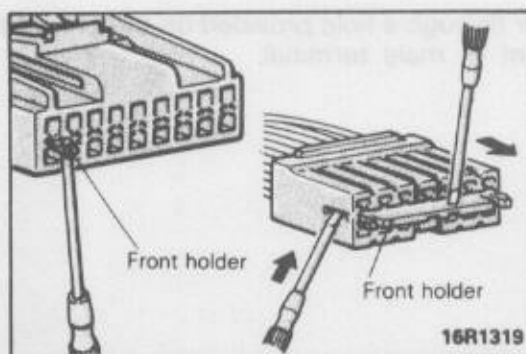
(Pin pull-out force: 100 g or more)

NOTE

There are two types of harnesses for checking the connection pressure, depending on the width of the connector pin; use the correct size for the connector to be checked.

CONNECTOR TERMINAL ENGAGING AND DISENGAGING

Connector which gives loose engagement shall be rectified by removing female terminal from connector housing and raise its lance to establish securer engagement. Removal of connector terminal used for ECI and ELC 4 A/T control circuit shall be done in the following manner.



COMPUTER CONNECTOR

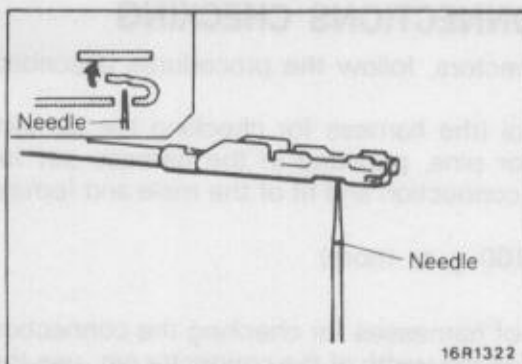
- (1) Insert screwdriver [1.4 mm (0.06 in.) width] as shown in the illustration, disengage front holder and remove it.

- (2) Insert harness of terminal to be rectified deep into connector from harness side and hold it there.

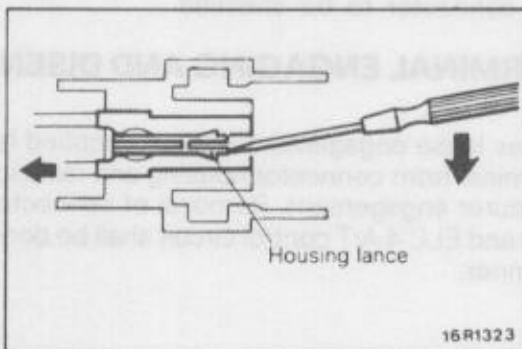
- (3) Insert tip of screwdriver [1.4 mm (0.06 in.) width] into connector in a manner as shown in the illustration, raise housing lance slightly with it and pull out harness.

NOTE

Tool No. 753787-1 supplied by AMP can be used instead of screwdriver.

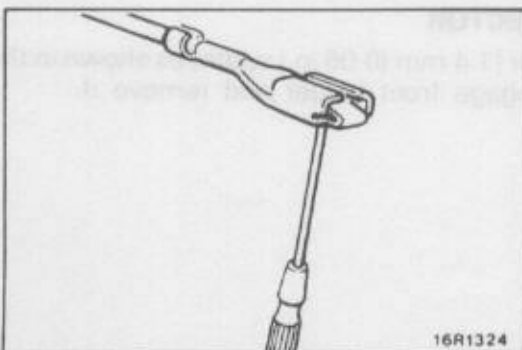


- (4) Insert needle through a hole provided on terminal and raise contact point of male terminal.

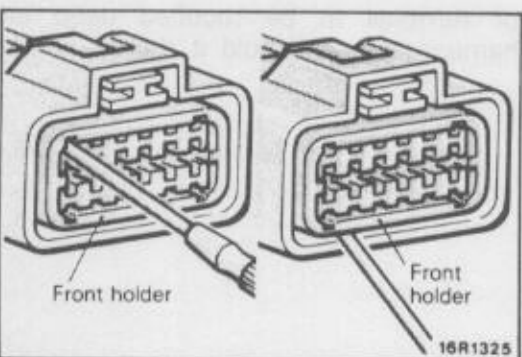


ROUND WATERPROOF CONNECTOR

- (1) Remove waterproof cap by using a screwdriver.
- (2) Insert tip of screwdriver [1.4 mm (0.06 in.) or 2.0 mm (0.08 in.) width] into connector in a manner as shown in the illustration, raise housing lance slightly with it and pull out harness.

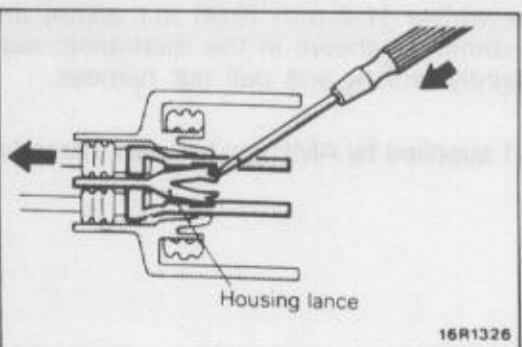


- (3) Insert screwdriver through a hole provided on terminal and raise contact point of male terminal.

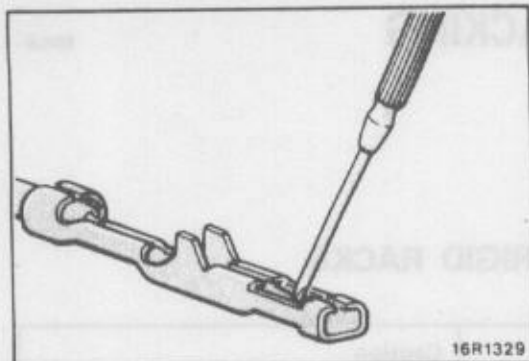


RECTANGULAR WATERPROOF CONNECTOR

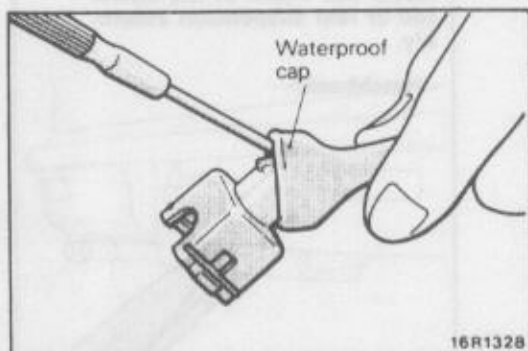
- (1) Disengage front holder by using a screwdriver and remove it.



- (2) Insert tip of screwdriver [*0.8 mm (0.03 in.) width] into connector in a manner as shown in the illustration, push it lightly to raise housing lance and pull out harness.
* If right size screwdriver is not available, convert a conventional driver to suit the size.

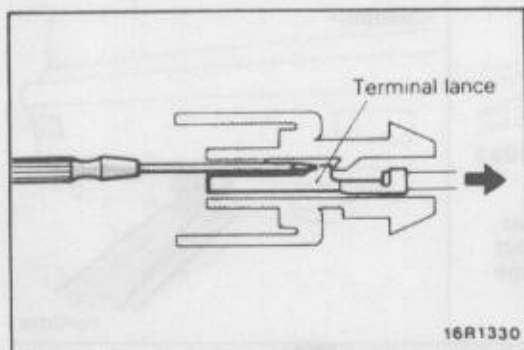


- (3) Press contact point of male terminal down by holding a screwdriver [1.4 mm (0.06 in.) width] in a manner as shown in the illustration.

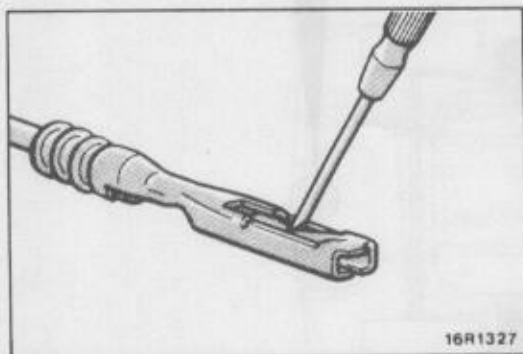


INJECTOR CONNECTOR

- (1) Remove waterproof cap.



- (2) Insert tip of screwdriver [1.4 mm (0.06 in.) width] into connector in a manner as shown in the illustration, press in terminal lance and pull out harness.



- (3) Press contact point of male terminal down by holding a screwdriver [1.4 mm (0.06 in.) width] in a manner as shown in the illustration.

Caution

Correct lance to be in proper condition before terminal is inserted into connector.

SUPPORT LOCATIONS FOR LIFTING AND JACKING

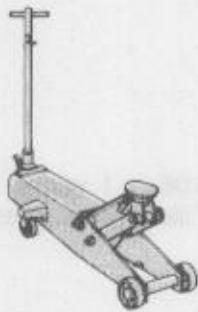
E01LB-

Caution

Do not support the vehicle at locations other than specified supporting points. If do so, this will cause damage etc.

SUPPORT POSITIONS FOR A GARAGE JACK AND RIGID RACKS

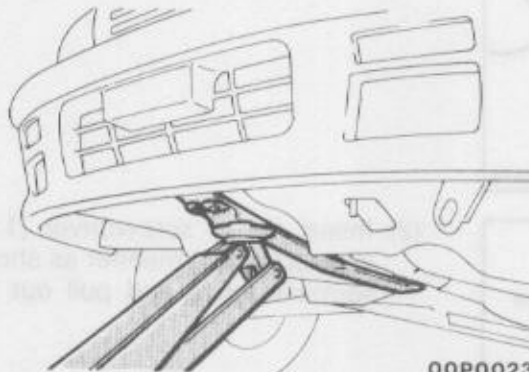
GARAGE JACK



00E607



00L0038



00P0023

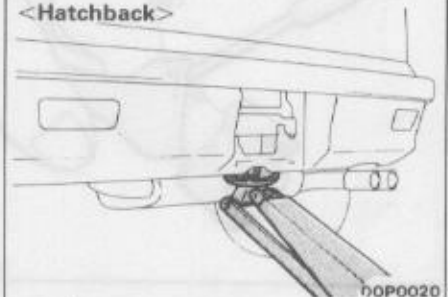
Caution

In order to prevent scarring the centermember, place a piece of cloth on the jack's contact surface (to prevent corrosion caused by damage to the coating).

Caution

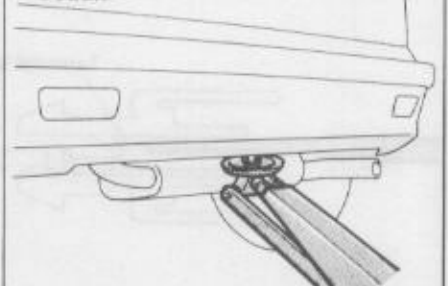
Never use a jack at the lateral rod or rear suspension assembly.

<Hatchback>

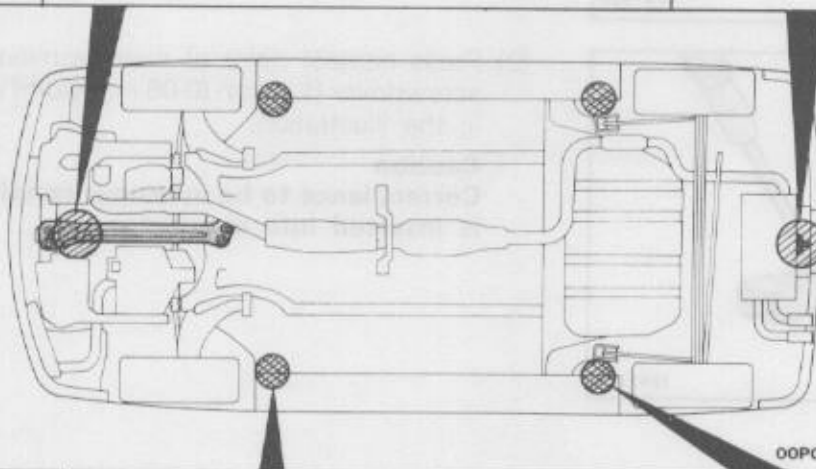


00P0020

<Sedan>



00P0028

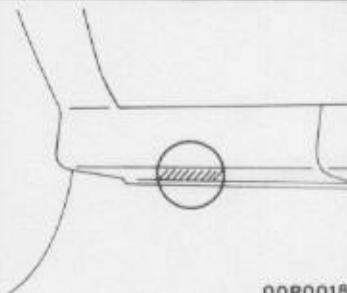


00P0024

RIGID RACKS

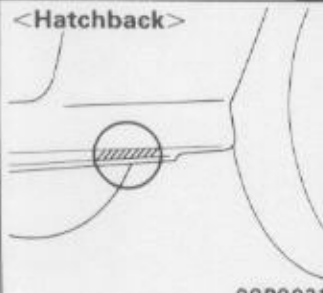


00E608



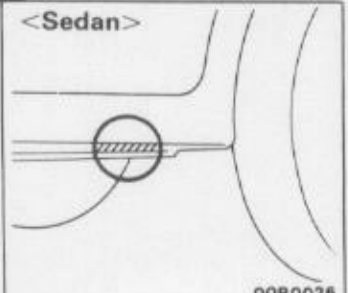
00P0018

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00P0021

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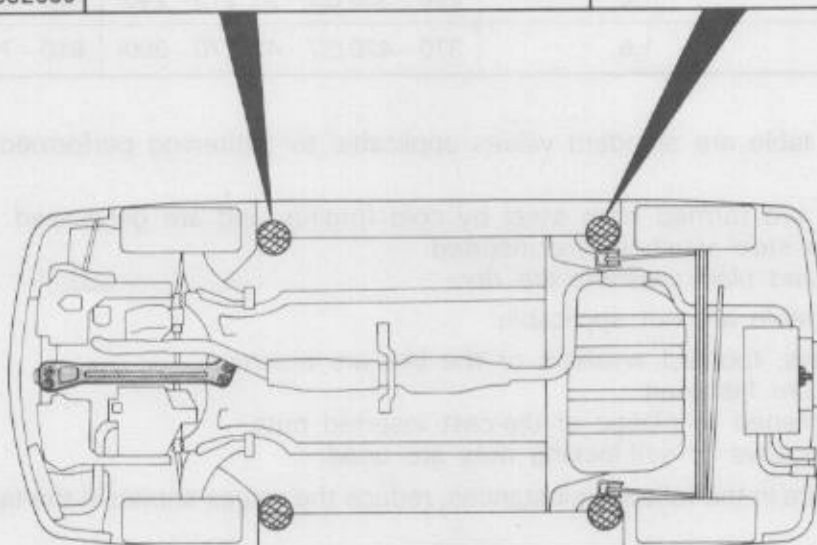
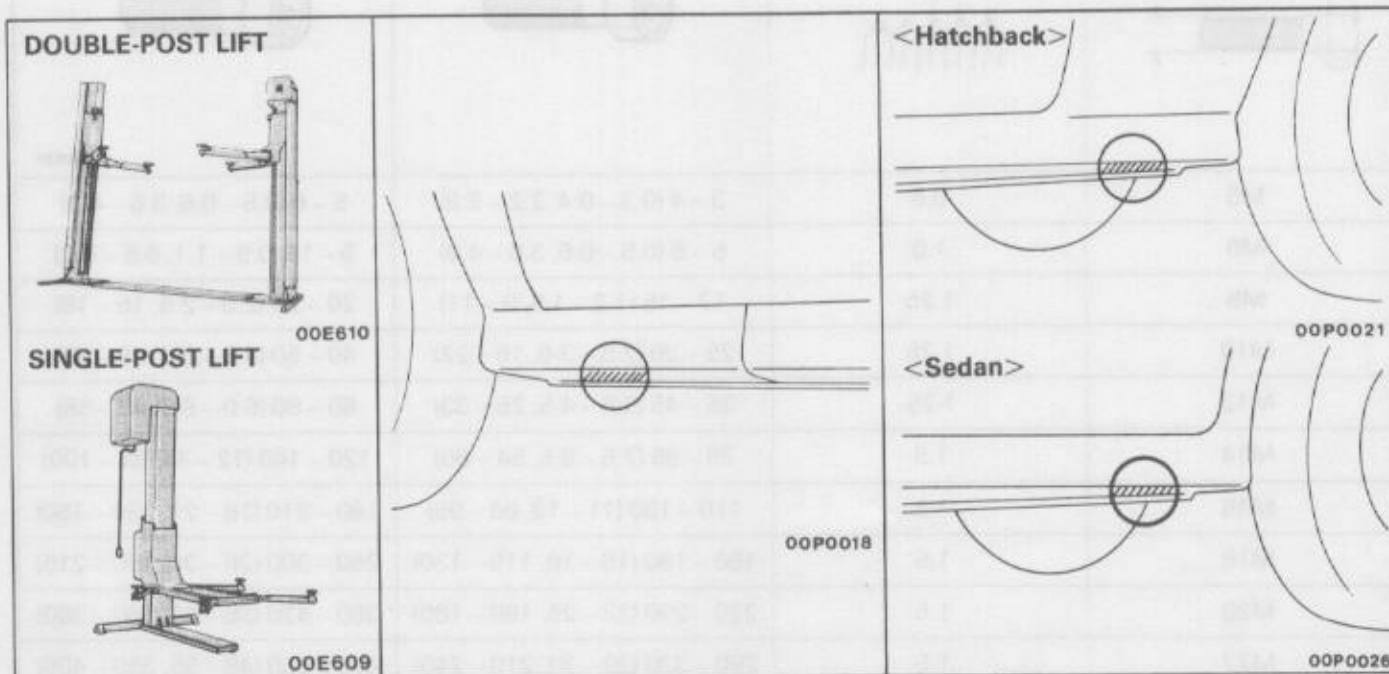


00P0026

SUPPORT POSITIONS FOR A SINGLE-POST LIFT OR DOUBLE-POST LIFT

Caution

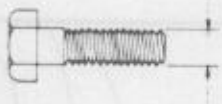
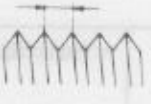
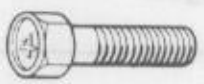
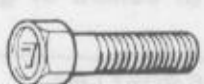
When service procedures require removing rear suspension, fuel tank, spare tyre and rear bumper, place additional weight on rear end of vehicle or anchor vehicle to hoist to prevent tipping of centre of gravity changes.



00P0024

STANDARD PARTS-TIGHTENING-TORQUE TABLE

E01MA -

Bolt nominal diameter (mm)	Pitch (mm)	Torque Nm (kgm, ft.lbs.)	Torque Nm (kgm, ft.lbs.)
		Head mark ④	Head mark ⑦
			
			00E857
M5	0.8	3 – 4 (0.3 – 0.4, 2.2 – 2.9)	5 – 6 (0.5 – 0.6, 3.6 – 4.3)
M6	1.0	5 – 6 (0.5 – 0.6, 3.6 – 4.3)	9 – 11 (0.9 – 1.1, 6.5 – 8.0)
M8	1.25	12 – 15 (1.2 – 1.5, 9 – 11)	20 – 25 (2.0 – 2.5, 15 – 18)
M10	1.25	25 – 30 (2.5 – 3.0, 18 – 22)	40 – 50 (4.0 – 5.0, 29 – 36)
M12	1.25	35 – 45 (3.5 – 4.5, 25 – 33)	60 – 80 (6.0 – 8.0, 43 – 58)
M14	1.5	75 – 85 (7.5 – 8.5, 54 – 60)	120 – 140 (12 – 14, 85 – 100)
M16	1.5	110 – 130 (11 – 13, 80 – 95)	180 – 210 (18 – 21, 130 – 150)
M18	1.5	160 – 180 (16 – 18, 115 – 130)	260 – 300 (26 – 30, 190 – 215)
M20	1.5	220 – 250 (22 – 25, 160 – 180)	360 – 420 (36 – 42, 260 – 300)
M22	1.5	290 – 330 (29 – 33, 210 – 240)	480 – 550 (48 – 55, 350 – 400)
M24	1.5	370 – 420 (37 – 42, 270 – 300)	610 – 700 (61 – 70, 440 – 505)

NOTE

- The values in the table are standard values applicable to tightening performed under the following conditions:
 - Nuts and bolts are formed from steel by cold forging, and are galvanized.
 - Galvanized plain steel washers are inserted.
 - All nuts, bolts and plain washers are dry.
- The values in the table are not applicable:
 - If spring washers, toothed washers or the like are inserted.
 - If plastic parts are fastened.
 - If bolts are tightened to plastic or die-cast inserted nuts.
 - If self-tapping screws or self-locking nuts are used.
- As a standard practice in the following instances, reduce the values shown in the table to the percentage indicated below:
 - If spring washers are used 85%
 - If threads and bearing surfaces are stained with oil 85%