
GENERAL

CONTENTS

E01CA--

HOW TO USE THIS MANUAL	3	MAJOR SPECIFICATIONS	11
Scope of Maintenance, Repair and Servicing		PRECAUTIONS BEFORE SERVICE	16
Explanations	3	SUPPLEMENTAL RESTRAINT SYSTEM	
Definition of Terms	3	(SRS)-AIR BAG	17-2
Model Indications	3	TREATMENT BEFORE/AFTER THE FORDING	
Explanation of Manual Contents	4	OF A STREAM	18
Explanation of Circuit Diagrams	6	SUPPORT LOCATIONS FOR LIFTING AND	
VEHICLE IDENTIFICATION	7	JACKING	21
Vehicle Information Code Plate	7	STANDARD PARTS-TIGHTENING-TORQUE	
Model	8	TABLE	23
Model Code	9	MAIN SEALANT AND ADHESIVE TABLE	24
Chassis Number	10		
Engine Model Number	10-1		

HOW TO USE THIS MANUAL

E01BAATa

SCOPE OF MAINTENANCE, REPAIR AND SERVICING EXPLANATIONS

This manual provides explanations, etc. concerning procedures for the inspection, maintenance, repair and servicing of the subject model. Note, however, that for engine- and transmission-related component parts, this manual covers only on-vehicle inspections, adjustments, and the removal and installation procedures for major components. For detailed information concerning the inspection, checking, adjustment, disassembly and reassembly of the engine, transmission and major components after they have been removed from the vehicle, please refer to the separate manuals covering the engine and the transmission.

SERVICE ADJUSTMENT PROCEDURES

"Service adjustment procedures" are procedures for performing inspections and adjustments of particularly important locations with regard to the construction and for maintenance and servicing, but other inspections (for looseness, play, cracking, damage, etc.) must also be performed.

INSPECTION

Under this title are presented inspection and checking procedures to be performed by using special tools and measuring instruments and by feeling, but, for actual maintenance and servicing procedures, visual inspections should always be performed as well.

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.

REFERENCE VALUE

Indicates the adjustment value prior to starting the work (presented in order to facilitate assembly and adjustment procedures, and so they can be completed in a shorter time).

CAUTION

Indicates the presentation of information particularly vital to the worker during the performance of maintenance and servicing procedures in order to avoid the possibility of injury to the worker, or damage to component parts, or a reduction of component or vehicle function or performance, etc.

MODEL INDICATIONS


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

- 2400 : Indicates models equipped with the 2,351 cm³ (143.5 cu. in.) <4G64> petrol engine.
- 3000 : Indicates models equipped with the 2,972 cm³ (181.3 cu. in.) <6G72> petrol engine.
- 3500 : Indicates models equipped with the 3,497 cm³ (213.3 cu. in.) <6G74> petrol engine.
- 2500D: Indicates models equipped with the 2,477 cm³ (151.2 cu. in.) <4D56> Diesel engine.
- 2800D: Indicates models equipped with the 2,835 cm³ (173.0 cu. in.) <4M40> Diesel engine.
- MPI : Indicates the multi-point injection, or engines equipped with the multi-point injection.
- 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.
- A/C : Indicates the air conditioner.

EXPLANATION OF MANUAL CONTENTS

Indicates procedures to be performed before the work in that section is started, and procedures to be performed after the work in that section is finished.

Maintenance and Servicing Procedures

- (1) A diagram of the component parts is provided near the front of each section in order to give the reader a better understanding of the installed condition of component parts.
- (2) The numbers provided within the diagram indicate the sequence for maintenance and servicing procedures; the symbol  indicates a non-reusable part; the tightening torque is provided where applicable.

- 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.

Classifications of Major Maintenance/Service Points






When there are major points relative to maintenance and servicing procedures (such as essential maintenance and service points, maintenance and service standard values, information regarding the use of special tools, etc.), these are arranged together as major maintenance and service points and explained in detail.

- ◀▶ : Indicates that there are essential points for removal or disassembly.
- ▶▶ : Indicates that there are essential points for installation or reassembly.

Indicates (by symbols) where lubrication is necessary. In this example, multipurpose grease is to applied (where indicated) to the knuckle.

Symbols for Lubrication, Sealants and Adhesives

Information concerning the locations for lubrication and for application of sealants and adhesives is provided, by using symbols, in the diagram of component parts or on the page following the component parts page, and explained.

-  : Grease
(multipurpose grease unless there is a brand or type specified)
-  : Sealant or adhesive
-  : Brake fluid or automatic transmission fluid
-  : Engine oil or gear oil
-  : Adhesive tape or butyl rubber tape

Indicates
the group
number.

Indicates
the page
number.

Indicates
the group
title.

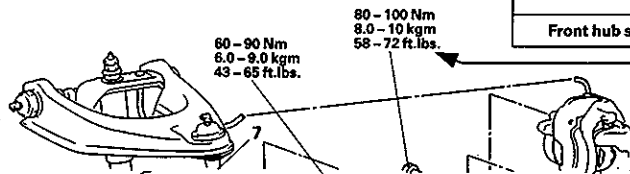
Indicates
the section
title.

26-22

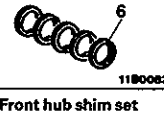
FRONT AXLE – Knuckle

KNUCKLE**REMOVAL AND INSTALLATION**

Pre-removal and post-installation Operation
• Removal and installation of the front hub
(Refer to P. 26-12.)

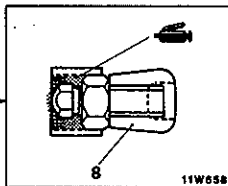


E26NA-



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

Denotes tightening
torque



120 – 180 Nm
12 – 18 kgm
87 – 130 ft.lbs.

80 – 100 Nm
8.0 – 10 kgm
58 – 72 ft.lbs.

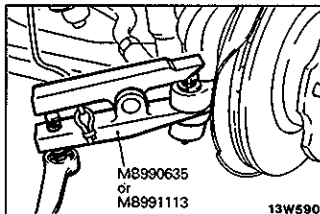
11W610

Denotes non-
reusable part

Removal steps

1. Dust cover
2. Split pin
3. Connection for tie rod assembly and knuckle
4. Split pin
5. Connection for lower ball joint and knuckle
6. Split pin
7. Connection for upper ball joint and knuckle
8. Knuckle

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

**SERVICE POINTS OF REMOVAL**

E26NBAE

3. DISCONNECTION OF TIE ROD ASSEMBLY AND KNUCKLE**Caution**

1. Use cord to bind the special tool closely so it won't become separated.
2. The nut should be loosened only, not removed.

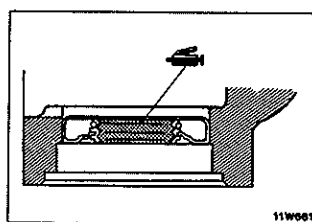
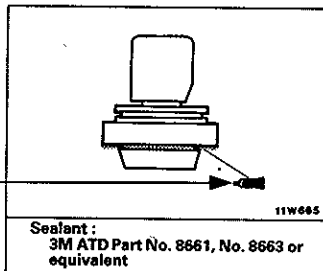
This number corresponds to the number appearing in "Removal steps", "Disassembly steps", "Installation steps" or "Reassembly steps".

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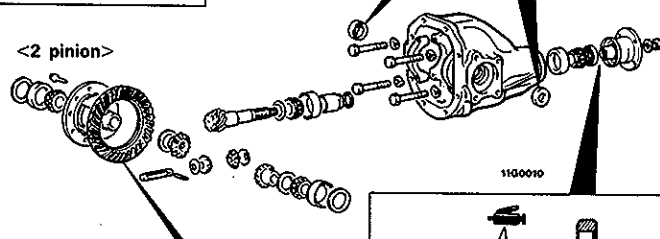
26-42

FRONT AXLE – Differential Carrier

LUBRICATION, SEALING AND ADHESION POINTS

The title of the page (following the page on which the diagram of component parts is presented) indicating the locations of lubrication and sealing procedures.

<2 pinion>

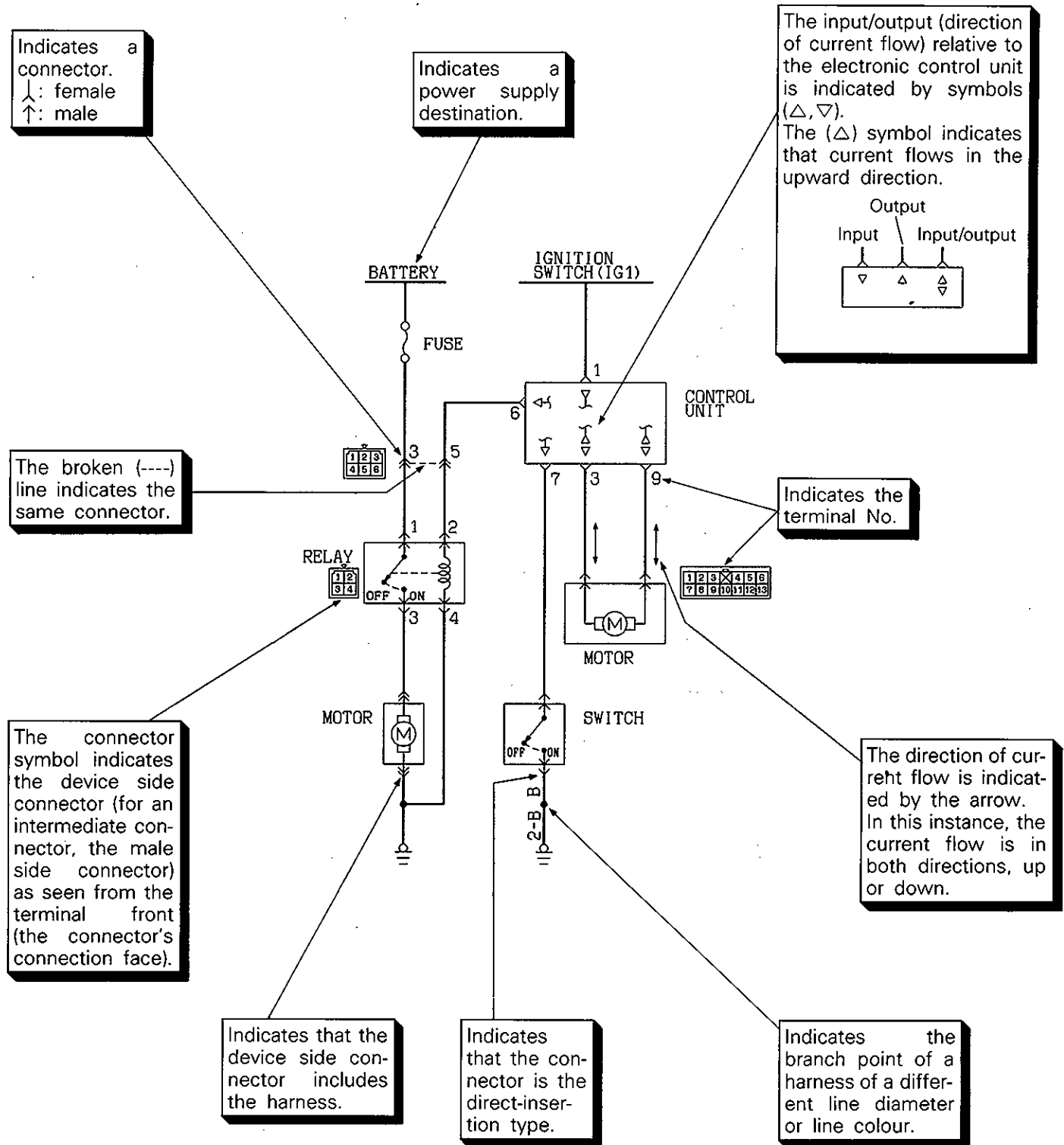


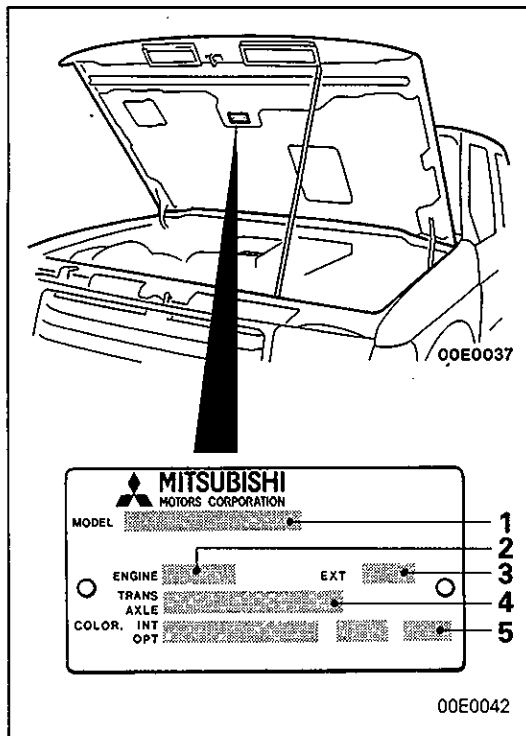
EXPLANATION OF CIRCUIT DIAGRAMS

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".





VEHICLE IDENTIFICATION

VEHICLE INFORMATION CODE PLATE

E01DD--

Vehicle information code plate is riveted on the hood inner panel.

The plate shows model code, engine model, transmission model, and body colour code.

1. MODEL

V43WG RXEL6

Model series
Vehicle model

2. ENGINE

6G72

Engine model

3. EXT

CA6A

Exterior code

4. TRANS AXLE

V4AW2 4875

Rear differential reduction
Transmission model

5. COLOR, INT OPT

R25 87V 03V

Equipment code
Interior colour code
Body colour code

For monotone colour vehicles, the body colour code shall be indicated. For two-tone or three-way two-tone colour vehicles, each colour code only shall be indicated in series.

MODEL

E01DA--

Vehicles built up to October, 1993

<2-DOOR MODELS>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V21C	NSEL6	Canvas top	4G64 [2,351 cm ³ (143.5 cu.in.)]	V5M21 (5M/T)	MPI
V24C	NSFL6		4D56 [2,477 cm ³ (151.2 cu.in.)] with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
V23C	GRHEL6	Canvas top with wide fender	6G72 [2,972 cm ³ (181.3 cu.in.)]	V4AW2 (4A/T)	MPI
V21W	NHEL6	Wagon	4G64 [2,351 cm ³ (143.5 cu.in.)]	V5M21 (5M/T)	MPI
V24W	NAFL6	Wagon	4D56 [2,477 cm ³ (151.2 cu.in.)] with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
	NBFL6				
	NDFL6				
	NHFL6/R6				
V24WG	NCFL6	Wagon with wide fender	6G72 [2,972 cm ³ (181.3 cu.in.)]	V4AW2 (4A/T)	MPI
	NXFL6/R6				
V23W	GNXEL6/R6		6G72 [2,972 cm ³ (181.3 cu.in.)]	V4AW2 (4A/T)	MPI
	GRXEL6/R6				

<4-DOOR MODELS>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V41W	NHEL6	Wagon	4G64 [2,351 cm ³ (143.5 cu. in.)]	V5M21 (5M/T)	MPI
V44W	NDFL6		4D56 [2,477 cm ³ (151.2 cu. in.) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
	NDFCL6	Wagon without 3rd seat row			
	NHFL6/R6	Wagon		V4AW2 (4A/T)	
	RHFL6/R6				
V44WG	NXFL6/R6	Wagon with wide fender	V5MT1 (5M/T)		
	RXFL6/R6		V4AW2 (4A/T)		
	NXFCL6	Wagon with wide fender, without 3rd seat row	V5MT1 (5M/T)		
	RXFCL6		V4AW2 (4A/T)		
V43W	NHECL6	Wagon without 3rd seat row	6G72 [2,972 cm ³ (181.3 cu. in.)]	V5MT1 (5M/T)	MPI
	RHECL6			V4AW2 (4A/T)	
	GNXEL6/R6	Wagon with wide fender		V5MT1 (5M/T)	
	GRXEL6/R6			V4AW2 (4A/T)	
	GNXECL6	Wagon with wide fender, without 3rd seat row		V5MT1 (5M/T)	
	GRXECL6			V4AW2 (4A/T)	

Vehicles built from November, 1993

<2-DOOR MODELS>

Model code		Body style	Engine model	Transmission model	Fuel supply system		
V24C	NSFL6	Canvas top	4D56 [2,477 cm ³ (151.2 cu. in.)] with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection		
V23C	GNHEL6	Canvas top with wide fender	6G72 [2,972 cm ³ (181.3 cu. in.)]		MPI		
	GRHEL6			V4AW2 (4A/T)			
V21W	NHEL6	Wagon	4G64 [2,351 cm ³ (143.5 cu. in.)]	V5M21 (5M/T)			
V24W	NDFL6		4D56 [2,477 cm ³ (151.2 cu. in.)] with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection		
	NHFL6/R6						
	NAFL6						
	NBFL6						
V24WG	NXFL6/R6	Wagon with wide fender	6G72 [2,972 cm ³ (181.3 cu. in.)]	V4AW2 (4A/T)	MPI		
	NCFL6						
V23W	GNXEL6/R6						
	GRXEL6/R6						
V25W	GNXML6/R6					6G74 [3,497 cm ³ (213.3 cu. in.)]	V5M31 (5M/T)
	GRXML6/R6						

<4-DOOR MODELS>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V46W	NDFL6	Wagon	4M40 [2,835 cm ³ (173.0 cu. in.)] with turbocharger and inter-cooler	V5M31 (5M/T)	Injection
	NDFCL6	Wagon without 3rd seat row			
	NHFL6/R6	Wagon			
	RHFL6/R6			V4AW3 (4A/T)	
	NAFL6			V5M31 (5M/T)	
	NAFCL6	Wagon without 3rd seat row			
	NBFL6	Wagon			
	RBFL6			V4AW3 (4A/T)	
V46WG	NXFL6/R6	Wagon with wide fender			V5M31 (5M/T)
	RXFL6/R6				V4AW3 (4A/T)
	NCFL6				V5M31 (5M/T)
	RCFL6				V4AW3 (4A/T)
V43W	GNXEL6/R6		6G72 [2,972 cm ³ (181.3 cu. in.)]	V5MT1 (5M/T)	MPI
	GRXEL6/R6			V4AW2 (4A/T)	
V45W	GNXML6/R6		6G74 [3,497 cm ³ (213.3 cu. in.)]	V5M31 (5M/T)	
	GRXML6/R6			V4AW3 (4A/T)	

Model code		Body style	Engine model	Transmission model	Fuel supply system
V44W	NDFL6	Wagon	4D56 [2,477 cm ³ (151.2 cu. in.)] with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
	NDFCL6	Wagon without 3rd seat row			
	NHFL6	Wagon		V4AW2 (4A/T)	
	RHFL6				
V44WG	NXFL6/R6	Wagon with wide fender		V5MT1 (5M/T)	
	RXFL6/R6			V4AW2 (4A/T)	

Vehicles built from June, 1994

<2-DOOR MODELS>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V24C	NSFL6	Canvas top	4D56 [2,477 cm ³ (151.2 cu. in.)] with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
V23C	GNHVL6/R6	Canvas top with wide fender	6G72 [2,972 cm ³ (181.3 cu. in.)]		V4AW3 (4A/T)
	GRHVL6/R6				
V24W	NDFL6	Wagon	4D56 [2,477 cm ³ (151.2 cu. in.)] with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
	NHFL6/R6				
	NAFL6				
	NBFL6				
V24WG	NXFL6/R6	Wagon with wide fender			
	NCFL6				
V26WG	NXFL6/R6		4M40 [2,835 cm ³ (173.0 cu. in.)] with turbocharger and inter-cooler	V5M31 (5M/T)	
	NCFL6				
V23W	NHVL6	Wagon	6G72 [2,972 cm ³ (181.3 cu. in.)]	V5MT1 (5M/T)	MPI
	GNXVL6/R6	Wagon with wide fender		V4AW3 (4A/T)	
	GRXVL6/R6				
V25W	GNXML6/R6		6G74 [3,497 cm ³ (213.3 cu. in.)]	V5M31 (5M/T)	
	GRXML6/R6			V4AW3 (4A/T)	

<4-DOOR MODELS>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V46W	NDFL6	Wagon	4M40 [2,835 cm ³ (173.0 cu. in.)] with turbocharger and inter-cooler	V5M31 (5M/T)	Injection
	NDFCL6	Wagon without 3rd seat row			
	NHFL6/R6	Wagon			
	RHFL6/R6			V4AW3 (4A/T)	
	NAFL6			V5M31 (5M/T)	
	NAFCL6	Wagon without 3rd seat row			
	NBFL6	Wagon			
	RBFL6			V4AW3 (4A/T)	
V46WG	NXFL6/R6	Wagon with wide fender		V5M31 (5M/T)	
	RXFL6/R6			V4AW3 (4A/T)	
	NCFL6			V5M31 (5M/T)	
	RCFL6			V4AW3 (4A/T)	

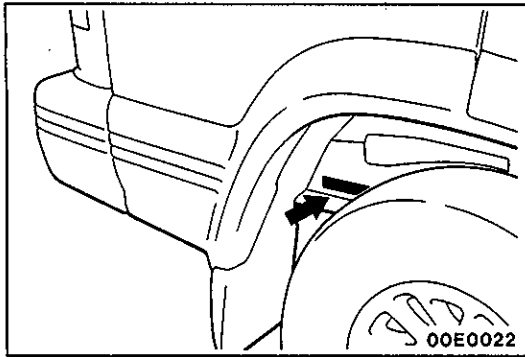
Model code		Body style	Engine model	Transmission model	Fuel supply system
V43W	NHVL6/R6	Wagon	6G72 [2,972 cm ³ (181.3 cu. in.)]	V5MT1 (5M/T)	MPI
	RHVL6/R6			V4AW3 (4A/T)	
	Wagon with wide fender	V5MT1 (5M/T)			
		GRXVL6/R6		V4AW3 (4A/T)	
V45W	GNXML6/R6	6G74 [3,497 cm ³ (213.3 cu. in.)]	V5M31 (5M/T)		
	GRXML6/R6		V4AW3 (4A/T)		
V44W	NDFL6	Wagon	4D56 [2,477 cm ³ (151.2 cu. in.)] with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
	NDFCL6	Wagon without 3rd seat row			
	NHFL6	Wagon			
V44WG	NXFL6/R6	Wagon with wide fender			

MODEL CODE

E01DB--



V	4	3	W	G	H	N	X	E	C	L	6
1	2	3	4	5	6	7	8	9	10	11	12

1. Sort
V : PAJERO
2. Chassis type
2 : Standard wheelbase with rear coil suspension
4 : Long wheelbase with rear coil suspension
3. Development order
1 : 2,351 cm³ (143.5 cu. in.) petrol engine <4G64>
3 : 2,972 cm³ (181.3 cu. in.) petrol engine <6G72>
4 : 2,477 cm³ (151.2 cu. in.) Diesel engine <4D56>
5 : 3,497 cm³ (213.3 cu. in.) petrol engine <6G74>
6 : 2,835 cm³ (173.0 cu. in.) Diesel engine <4M40>
4. Body type
C : Canvas top
W : Wagon
5. Fender specification
G : Wide fender
None : Standard fender
6. Roof type
H : Kick-up roof
None : Standard roof
7. Transmission type
N : 5 × 2-speed manual transmission
R : 4 × 2-speed automatic transmission
8. Trim code
A : GL
B : GLX
C : GLS
D : GL for Wagon
H : GLX
S : GL for Canvas top
X : GLS, GLZ
9. Exhaust emission specification
E : MPI, SOHC
F : Turbocharger with inter-cooler
M : MPI, DOHC
V : MPI, SOHC-24 valve
10. Interior specification
C : Without 3rd seat row
None : Standard interior
11. Steering wheel location
L : Left hand
R : Right hand
12. Destination
6 : For Europe

**CHASSIS NUMBER**

E01DCAT

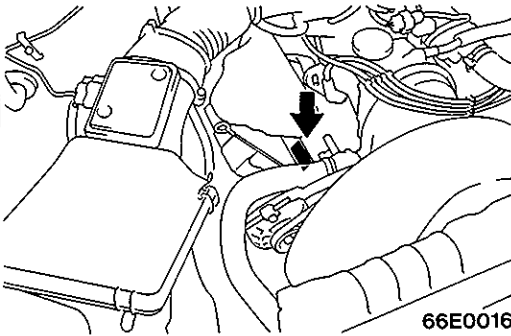
The chassis number is stamped on the side wall of the frame near the right rear wheel.


J M B 0 N V24 0 M J 3 00001


└─┘	└─┘	└─┘	└─┘	└─┘	└─┘	└─┘	└─┘	└─┘	└─┘	└─┘
1	2	3	4	5	6	7	8	9	10	11

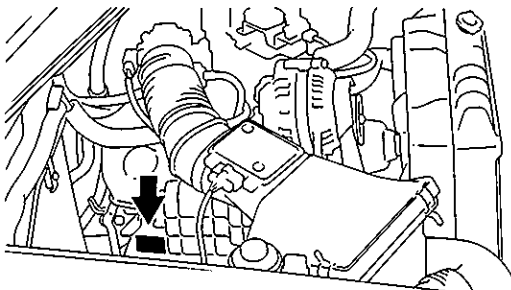
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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Asia</p> <p>2. Japan</p> <p>3. MITSUBISHI
 A : Right hand drive for Europe
 B : Left hand drive for Europe</p> <p>4. Sort
 0 : 4 or 2-door with tailgate (backdoor)
 A : 2-door semi-open (canvas top)</p> <p>5. Transmission
 N : 5 × 2-speed manual transmission
 R : 4 × 2-speed automatic transmission</p> <p>6. Development order
 V21 : 2,351 cm³ (143.5 cu. in.) Petrol engine
 <2-door models>
 V23 : 2,972 cm³ (181.3 cu. in.) Petrol engine
 <2-door models>
 V24 : 2,477 cm³ (151.2 cu. in.) Diesel engine
 <2-door models>
 V25 : 3,497 cm³ (213.3 cu. in.) Petrol engine
 <2-door models>
 V26 : 2,835 cm³ (173.0 cu. in.) Diesel engine
 <2-door models>
 V41 : 2,351 cm³ (143.5 cu. in.) Petrol engine
 <4-door models>
 V43 : 2,972 cm³ (181.3 cu. in.) Petrol engine
 <4-door models>
 V44 : 2,477 cm³ (151.2 cu. in.) Diesel engine
 <4-door models>
 V45 : 3,497 cm³ (213.3 cu. in.) Petrol engine
 <4-door models></p> | <p>V46 : 2,835 cm³ (173.0 cu. in.) Diesel engine
 <4-door models></p> <p>7. Body style
 0 : Frame</p> <p>8. Model year
 M : 1991
 N : 1992
 P : 1993
 R : 1994
 S : 1995</p> <p>9. Plant
 J,P,Y : Oye Plant of Nagoya Motor Vehicle Works</p> <p>10. Engine specification
 0 : Without turbocharger, with catalyzer
 3 : With turbocharger, without catalyzer</p> <p>11. Serial number
 00001 ~</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

<4G64>



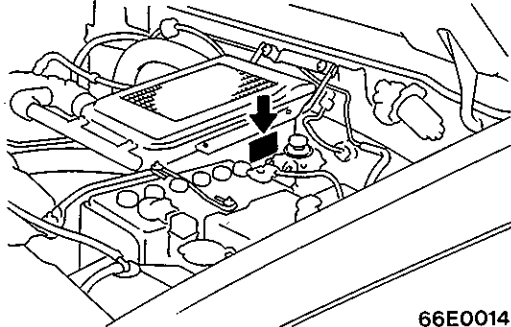
66E0016

<6G72>



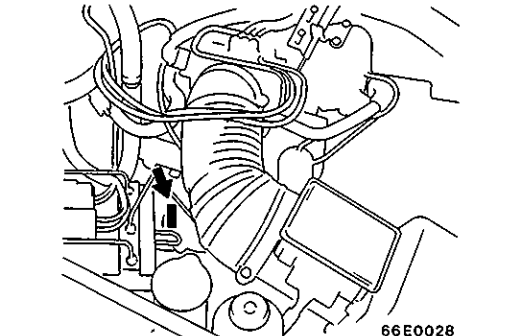
66E0015

<4D56>



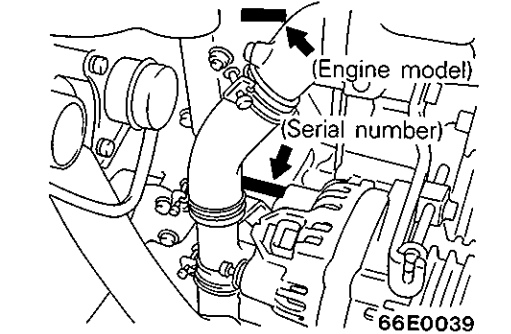
66E0014

<6G74>



66E0028

<4M40>



66E0039

ENGINE MODEL NUMBER

E01DEAB

The engine model number is stamped at the cylinder block.

These engine model numbers are as shown in the following.

Engine model	Engine displacement
4G64	2,351 cm ³ (143.5 cu.in.)
6G72	2,972 cm ³ (181.4 cu.in.)
6G74	3,497 cm ³ (213.3 cu.in.)
4D56	2,477 cm ³ (151.2 cu.in.)
4M40	2,835 cm ³ (173.0 cu.in.)

The engine serial number is stamped near the engine model number, and the serial number cycles, as shown below.

<4G64, 4D56, 4M40>

Engine serial number	Number cycling
AA0201 to YY9999	AA0201-----→AA9999 AB0001-----→AY9999 BA0001-----→YY9999

<6G72, 6G74>

[Vehicles built up to May, 1993]

Engine serial number	Number cycling
AA0201 to YY9999	AA0201-----→AA9999 AB0001-----→AY9999 BA0001-----→YY9999

[Vehicles built from June, 1993]

Engine serial number	Number cycling
A09990 to Y99999	A09990-----→A99999 B00001-----→Y99999

00-10-2

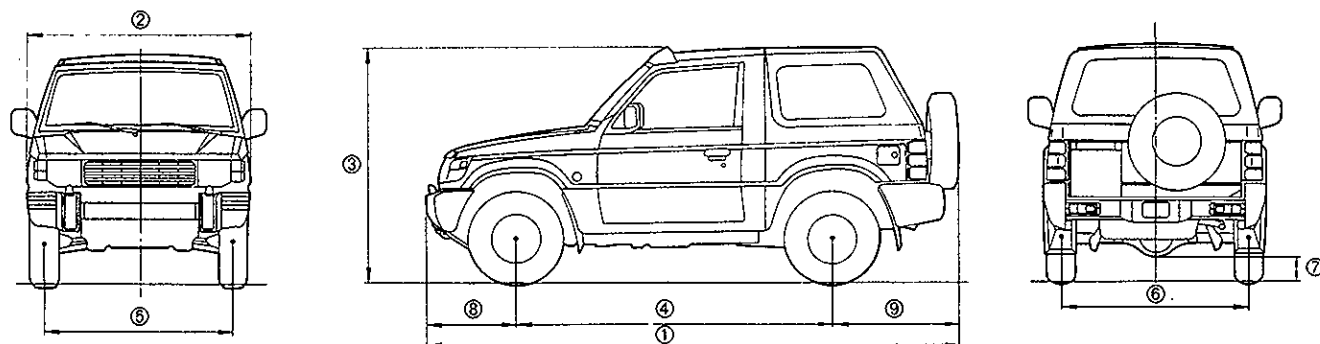
NOTE

MAJOR SPECIFICATIONS

<Vehicles built up to October, 1993>

CANVAS TOP

E01FA--

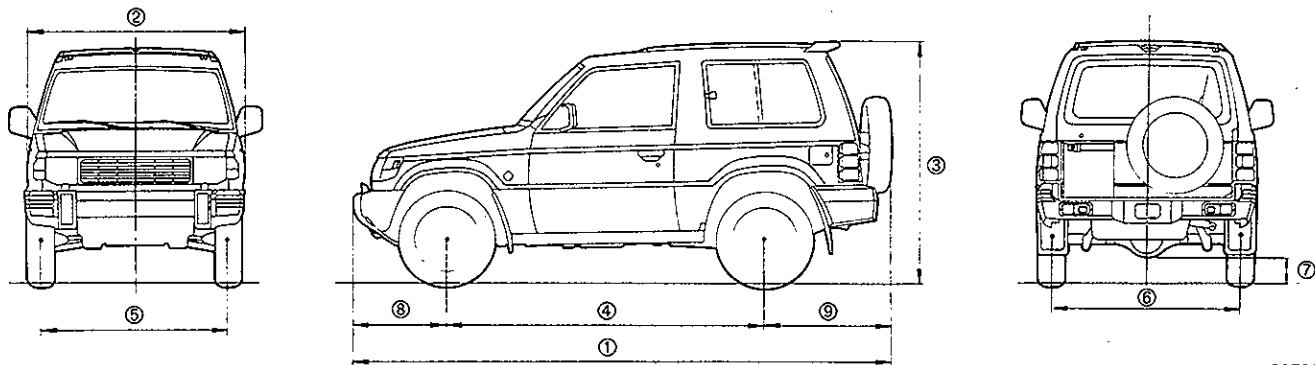


00E0038

Items			V21CNSEL6	V24CNSFL6	V23CGRHEL6
Dimensions	mm (in.)				
Overall length		①	4,075 (160.4)		4,145 (163.2)
Overall width		②	1,695 (66.7)		1,785 (70.3)
Overall height (unladen)		③	1,815 (71.5)		1,815 (71.5)
Wheelbase		④	2,420 (95.3)		2,420 (95.3)
Track-front		⑤	1,420 (55.9)		1,465 (57.7)
Track-rear		⑥	1,435 (56.5)		1,480 (58.3)
Ground clearance (laden)		⑦	215 (8.5) or 205 (8.1)* ¹		215 (8.5)
Overhang-front		⑧	675 (26.6)		720 (28.3)
Overhang-rear		⑨	980 (38.6)		1,005 (39.6)
Weight	kg (lbs.)				
Kerb weight			1,530 – 1,655 (3,373 – 3,648)	1,665 – 1,800 (3,648 – 3,968)	1,705 – 1,835 (3,758 – 4,045)
Max. gross vehicle weight			2,200 (4,850) or 2,300 (5,070)* ²	2,300 (5,070)	2,350 (5,180)
Max. front axle load			1,100 (2,425)	1,100 (2,425)	1,200 (2,645)
Max. rear axle load			1,450 (3,196) or 1,500 (3,306)* ²	1,450 (3,196)	1,450 (3,196)
Seating capacity			4		
Engine					
Model			4G64	4D56	6G72
Total displacement	cm ³ (cu. in.)		2,351 (143.5)	2,477 (151.2)	2,972 (181.3)
Transmission					
Type			5-speed manual	5-speed manual	4-speed automatic
Model			V5M21	V5MT1	V4AW2

NOTE*¹ : With rear differential lock*² : Vehicles for Sweden or Denmark

METAL TOP



00E0039

Items		V21WNHEL6	V24WNAFL6 V24WNBFL6 V24WNDFL6 V24WNHFL6/R6	V24WGNCFL6 V24WGNXFL6/R6	V23WGNXEL6/R6 V23WGRXEL6/R6
Dimensions mm (in.)					
Overall length	①	4,120 (162.2) or 4,075 (160.4)* ³		4,145 (163.2)	
Overall width	②	1,695 (66.7)		1,785 (70.3)	
Overall height (unladen)	③	1,805 (71.1)		1,815 (71.5)	
Wheelbase	④	2,420 (95.3)		2,420 (95.3)	
Track-front	⑤	1,420 (55.9)		1,465 (57.7)	
Track-rear	⑥	1,435 (56.5)		1,480 (58.3)	
Ground clearance (laden)	⑦	215 (8.5) or 205 (8.1)* ¹		225 (8.8) or 215 (8.5)* ¹	
Overhang-front	⑧	720 (28.3) or 675 (26.6)* ³		720 (28.3)	
Overhang-rear	⑨	980 (38.6)		1,005 (39.6)	
Weight	kg (lbs.)				
Kerb weight		1,580 – 1,710 (3,483 – 3,769)	1,730 – 1,900 (3,813 – 4,188) or 1,680 – 1,820* ³ (3,703 – 4,012)	1,755 – 1,905 (3,869 – 4,199)	1,740 – 1,855 (3,836 – 4,089)
Max. gross vehicle weight		2,200 (4,850) or 2,350 (5,180)* ²	2,300 (5,070)	2,300 (5,070)	2,350 (5,180)
Max. front axle load		1,100 (2,425)	1,100 (2,425)	1,100 (2,425)	1,200 (2,645)
Max. rear axle load		1,450 (3,196) or 1,500 (3,306)* ²	1,450 (3,196)	1,450 (3,196)	1,450 (3,196)
Seating capacity		5			
Engine					
Model		4G64	4D56	6G72	
Total displacement cm ³ (cu. in.)		2,351 (143.5)	2,477 (151.2)	2,972 (181.3)	

Items	V21WNHEL6	V24WNAFL6 V24WNBFL6 V24WNDFL6 V24WNHFL6/R6	V24WGNCF6 V24WGNXFL6/R6	V23WGNXEL6/R6 V23WGRXEL6/R6
Transmission		5-speed manual or 4-speed automatic*4		
Type	5-speed manual	V5MT1 or V4AW2*4		
Model	V5M21			

NOTE

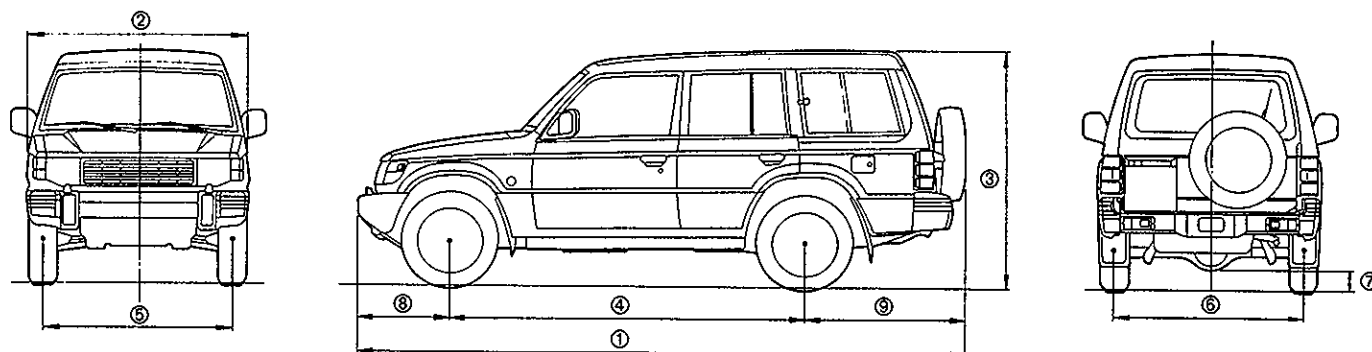
*1 : With rear differential lock

*2 : Vehicles for Sweden or Denmark

*3 : V24WNDFL6

*4 : V23WGRXEL6/R6

WAGON



00E0040

<VEHICLES WITH PETROL ENGINE>

Items			V41WNHEL6	V43WGNXEL6/R6 V43WGNXECL6 V43WNHECL6*11	V43WGRXEL6/R6 V43WGRXECL6 V43WRHECL6*11
Dimensions	mm (in.)				
Overall length	①		4,700 (185.0)	4,725 (186.0)	
Overall width	②		1,695 (66.7)	1,785 (70.3)	
Overall height (unladen)	③		1,855 (73.0)	1,865 (73.4)	
Wheelbase	④		2,725 (107.3)	2,725 (107.3)	
Track-front	⑤		1,420 (55.9)	1,465 (57.7)	
Track-rear	⑥		1,435 (56.5)	1,480 (58.3)	
Ground clearance (laden)	⑦		210 (8.3) or 200 (7.9)*1	210 (8.3)	
Overhang-front	⑧		720 (28.3)	720 (28.3)	
Overhang-rear	⑨		1,255 (49.4)	1,280 (50.4)	

NOTE

*1 : With rear differential lock

*11 : Vehicles for Sweden

Items	V41WNHEL6	V43WGNXEL6/R6 V43WGNXECL6 V43WNHECL6* ¹¹	V43WGRXEL6/R6 V43WGRXECL6 V43WRHECL6* ¹¹
Weight kg (lbs.)			
Kerb weight	1,790 – 1,945 (3,946 – 4,287)	1,915 – 2,070 (4,221 – 4,563) or 1,890 – 2,045* ⁵ (4,166 – 4,508) or 1,824 – 1,844 (4,021 – 4,065)* ¹¹	1,910 – 2,065 (4,210 – 4,552) or 1,885 – 2,040* ⁶ (4,155 – 4,497) or 1,824 – 1,844 (4,021 – 4,065)* ¹¹
Max. gross vehicle weight	2,560 (5,643)	2,650 (5,842) or 2,500 (5,511)* ¹¹	2,650 (5,842) or 2,500 (5,511)* ¹¹
Max. front axle load	1,100 (2,425)	1,200 (2,645)	1,200 (2,645) or 1,100 (2,425)* ¹¹
Max. rear axle load	1,650 (3,637)	1,650 (3,637)	1,650 (3,673)
Seating capacity	7	7 or 5* ^{5,6}	
Engine			
Model	4G64	6G72	
Total displacement cm ³ (cu. in.)	2,351 (143.5)	2,972 (181.3)	
Transmission			
Type	5-speed manual	5-speed manual	4-speed automatic
Model	V5M21	V5MT1	V4AW2

NOTE

*⁵ : V43WGNXECL6*⁶ : V43WGRXECL6*¹¹ : Vehicles for Sweden

<VEHICLES WITH DIESEL ENGINE>

Items		V44WNDFL6 V44WNDFCL6 V44WNHFL6/R6	V44WRHFL6/R6	V44WGNXFL6/R6 V44WGNXFCL6	V44WGRXFL6/R6 V44WGRXFCL6
Dimensions mm (in.)					
Overall length	①	4,655 (183.3) or 4,700 (185.0)* ⁷	4,700 (185.0)	4,725 (186.0)	
Overall width	②	1,695 (66.7)	1,695 (66.7)	1,785 (70.3)	
Overall height (unladen)	③	1,855 (73.0)	1,855 (73.0)	1,865 (73.4)	
Wheelbase	④	2,725 (107.3)	2,725 (107.3)	2,725 (107.3)	
Track-front	⑤	1,420 (55.9)	1,420 (55.9)	1,465 (57.7)	
Track-rear	⑥	1,435 (56.5)	1,435 (56.5)	1,480 (58.3)	
Ground clearance (laden)	⑦	210 (8.3) or 200 (7.9)* ¹	210 (8.3) or 200 (7.9)* ¹	210 (8.3)	
Overhang-front	⑧	675 (26.6) or 720 (28.3)* ⁷	720 (28.3)	720 (28.3)	
Overhang-rear	⑨	1,255 (49.4)	1,255 (49.4)	1,280 (50.4)	

NOTE

*¹ : With rear differential lock*⁷ : V44WNHFL6/R6

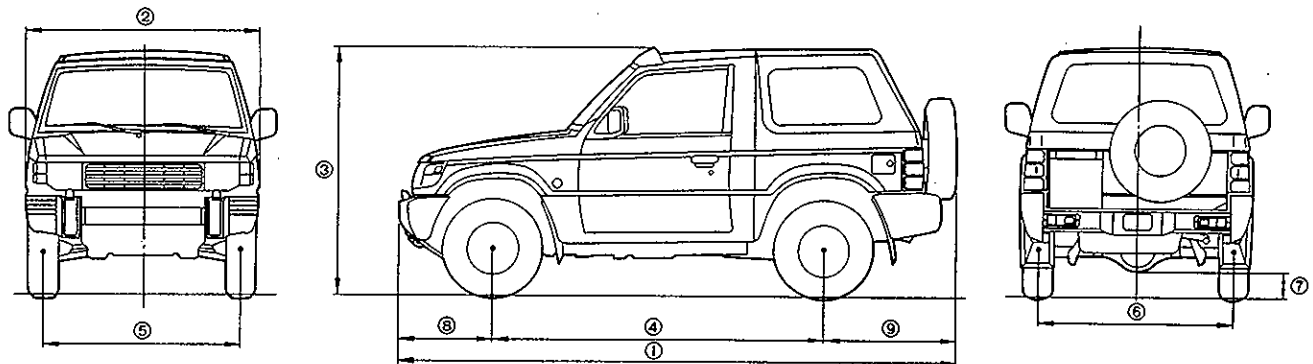
Items	V44WNDFL6 V44WNDFCL6 V44WNHFL6/R6	V44WRHFL6/R6	V44WGNXFL6/R6 V44WGNXFCL6	V44WGRXFL6/R6 V44WGRXFCL6
Weight kg (lbs.) Kerb weight	1,865 – 2,000 (4,111 – 4,409) or 1,840 – 1,975* ⁸ (4,056 – 4,354) or 1,915 – 2,110* ⁷ (4,221 – 4,651)	1,895 – 2,100 (4,177 – 4,629)	1,945 – 2,115 (4,287 – 4,662) or 1,920 – 2,090* ⁹ (4,232 – 4,607)	1,935 – 2,105 (4,265 – 4,640) or 1,910 – 2,080* ¹⁰ (4,210 – 4,585)
Max. gross vehicle weight	2,650 (5,643)	2,650 (5,643)	2,650 (5,643)	2,650 (5,643)
Max. front axle load	1,100 (2,425)	1,100 (2,425)	1,100 (2,425)	1,100 (2,425)
Max. rear axle load	1,650 (3,637)	1,650 (3,637)	1,650 (3,637)	1,650 (3,637)
Seating capacity	7 or 5* ⁸	7	7 or 5* ⁹	7 or 5* ¹⁰
Engine Model Total displacement cm ³ (cu. in.)	4D56 2,477 (151.2)			
Transmission Type Model	5-speed manual V5MT1	4-speed automatic V4AW2	5-speed manual V5MT1	4-speed automatic V4AW2

NOTE

*⁷ : V44WNHFL6/R6*⁸ : V44WNDFCL6*⁹ : V44WGNXFCL6*¹⁰ : V44WGRXFCL6

<Vehicles built from November, 1993>

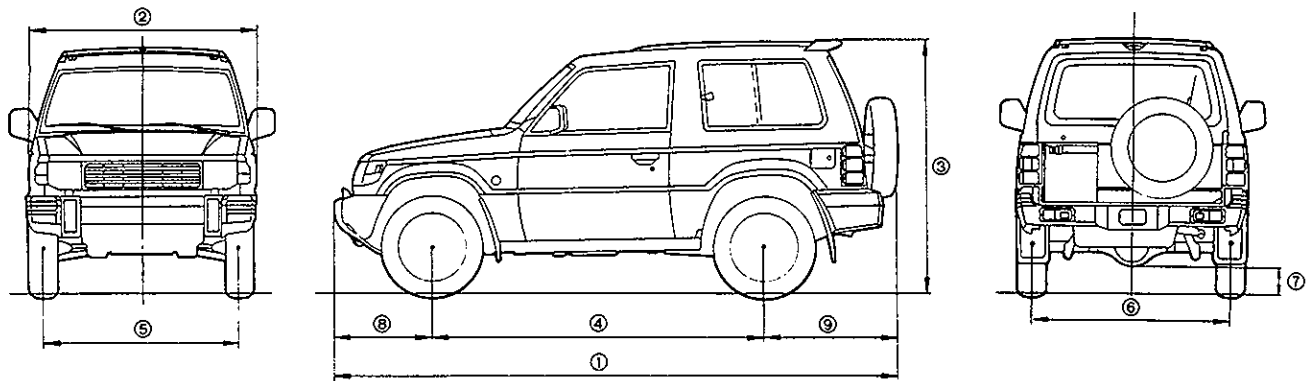
CANVAS TOP



00E0038

Items			V24CNSFL6	V23CGNHEL6	V23CGRHEL6
Dimensions	mm (in.)				
Overall length	①	4,075 (160.4)		4,145 (163.2)	
Overall width	②	1,695 (66.7)		1,785 (70.3)	
Overall height (unladen)	③	1,805 (71.1)		1,815 (71.5)	
Wheelbase	④	2,420 (95.3)		2,420 (95.3)	
Track-front	⑤	1,420 (55.9)		1,465 (57.7)	
Track-rear	⑥	1,435 (56.5)		1,480 (58.3)	
Ground clearance (laden)	⑦	215 (8.5)		215 (8.5)	
Overhang-front	⑧	675 (26.6)		720 (28.3)	
Overhang-rear	⑨	980 (38.6)		1,005 (39.6)	
Weight	kg (lbs.)				
Kerb weight		1,665–1,800 (3,670–3,968)		1,705–1,835 (3,758–4,045)	
Max. gross vehicle weight		2,300 (5,070)		2,350 (5,180)	
Max. front axle load		1,100 (2,425)		1,200 (2,645)	
Max. rear axle load		1,450 (3,196)		1,650 (3,637)	
Seating capacity			4		
Engine					
Model		4D56		6G72	
Total displacement	cm ³ (cu. in.)	2,477 (151.2)		2,972 (181.3)	
Transmission					
Type		5-speed manual	5-speed manual	4-speed automatic	
Model		V5MT1	V5MT1	V4AW2	

METAL TOP



00E0039

<VEHICLES WITH PETROL ENGINE>

Items			V21WNHEL6	V23WGNXEL6/R6 V23WGRXEL6/R6	V25WGNXML6/R6 V25WGRXML6/R6
Dimensions	mm (in.)				
Overall length		①	4,120 (162.2)	4,145 (163.2)	4,145 (163.2)
Overall width		②	1,695 (66.7)	1,785 (70.3)	1,785 (70.3)
Overall height (unladen)		③	1,805 (71.1)	1,815 (71.5)	1,845 (72.6)
Wheelbase		④	2,420 (95.3)	2,420 (95.3)	2,420 (95.3)
Track-front		⑤	1,420 (55.9)	1,465 (57.7)	1,465 (57.7)
Track-rear		⑥	1,435 (56.5)	1,480 (58.3)	1,480 (58.3)
Ground clearance (laden)		⑦	215 (8.5)	215 (8.5)	205 (8.1)
Overhang-front		⑧	720 (28.3)	720 (28.3)	720 (28.3)
Overhang-rear		⑨	980 (38.6)	1,005 (39.6)	1,005 (39.6)
Weight	kg (lbs.)				
Kerb weight			1,580–1,710 (3,483–3,769)	1,740–1,855 (3,836–4,089)	1,810–1,925 (3,990–4,243)
Max. gross vehicle weight			2,200 (4,850) or 2,205 (4,861)* ¹	2,350 (5,180)	2,350 (5,180)
Max. front axle load			1,100 (2,425)	1,200 (2,645)	1,200 (2,645)
Max. rear axle load			1,450 (3,196)	1,650 (3,638)	1,650 (3,638)
Seating capacity			5		
Engine					
Model			4G64	6G72	6G74
Total displacement	cm ³ (cu. in.)		2,351 (143.5)	2,972 (181.3)	3,497 (213.4)
Transmission					
Type			5-speed manual	5-speed manual or 4-speed automatic* ²	5-speed manual or 4-speed automatic* ³
Model			V5M21	V5MT1 or V4AW2* ²	V5M31 or V4AW3* ³

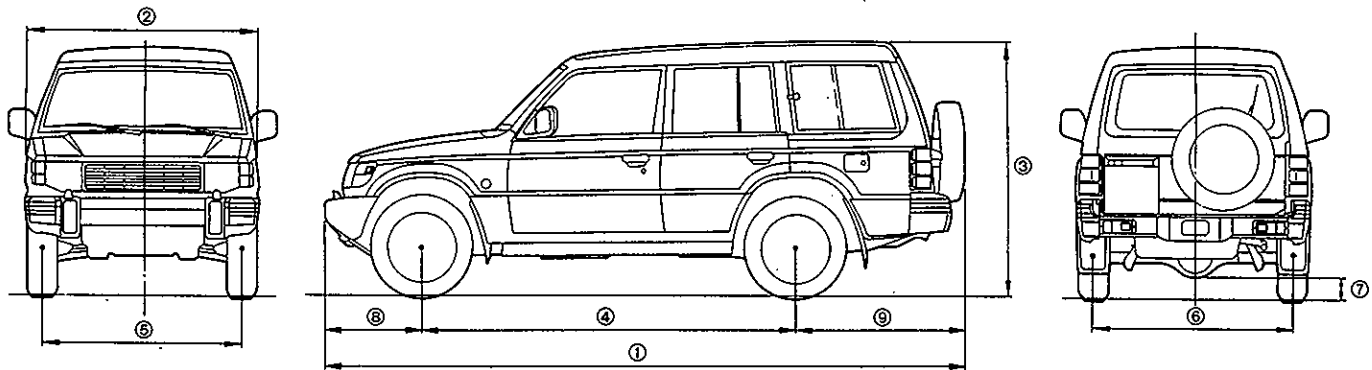
NOTE

*¹ : Vehicles for Norway*² : V23WGRXEL6/R6*³ : V25WGRXML6/R6

<VEHICLES WITH DIESEL ENGINE>

Items			V24WNAFL6 V24WNDL6	V24WNBFL6 V24WNHFL6/R6	V24WGNCL6 V24WGNXFL6/R6
Dimensions	mm (in.)				
Overall length	①		4,075 (160.4)	4,120 (162.2)	4,145 (163.2)
Overall width	②		1,695 (66.7)	1,695 (66.7)	1,785 (70.3)
Overall height (unladen)	③		1,805 (71.1)	1,805 (71.1)	1,815 (71.5)
Wheelbase	④		2,420 (95.3)	2,420 (95.3)	2,420 (95.3)
Track-front	⑤		1,420 (55.9)	1,420 (55.9)	1,465 (57.7)
Track-rear	⑥		1,435 (56.5)	1,435 (56.5)	1,480 (58.3)
Ground clearance (laden)	⑦		215 (8.5)	215 (8.5)	225 (8.9)
Overhang-front	⑧		675 (26.6)	720 (28.3)	720 (28.3)
Overhang-rear	⑨		980 (38.6)	980 (38.6)	1,005 (39.6)
Weight	kg (lbs.)				
Kerb weight			1,680–1,820 (3,703–4,012)	1,730–1,900 (3,813–4,188)	1,755–1,905 (3,869–4,199)
Max. gross vehicle weight			2,300 (5,070)	2,300 (5,070)	2,300 (5,070)
Max. front axle load			1,100 (2,425)	1,100 (2,425)	1,100 (2,425)
Max. rear axle load			1,450 (3,196)	1,450 (3,196)	1,450 (3,196)
Seating capacity			5		
Engine					
Model			4D56		
Total displacement	cm ³ (cu. in.)		2,477 (151.2)		
Transmission					
Type			5-speed manual		
Model			V5MT1		

WAGON



00E0040

<VEHICLES WITH PETROL ENGINE>

Items		V43WGNXEL6/R6	V43WGRXEL6/R6	V45WGNXML6/R6	V45WGRXML6/R6
Dimensions					
mm (in.)					
Overall length	①	4,725 (186.0)		4,725 (186.0)	
Overall width	②	1,785 (70.3)		1,785 (70.3)	
Overall height (unladen)	③	1,870 (73.6)		1,895 (74.6)	
Wheelbase	④	2,725 (107.3)		2,725 (107.3)	
Track-front	⑤	1,465 (57.7)		1,465 (57.7)	
Track-rear	⑥	1,480 (58.3)		1,480 (58.3)	
Ground clearance (laden)	⑦	215 (8.5)		205 (8.1)	
Overhang-front	⑧	720 (28.3)		720 (28.3)	
Overhang-rear	⑨	1,280 (50.4)		1,280 (50.4)	
Weight					
kg (lbs.)					
Kerb weight		1,925–2,085 (4,243–4,596)	1,920–2,080 (4,232–4,585) or 1,922–2,012* ⁴ (4,237–4,435)	1,990–2,145 (4,387–4,728)	1,985–2,140 (4,376–4,717)
Max. gross vehicle weight		2,650 (5,842)	2,650 (5,842) or 2,600 (5,732)* ⁴	2,720 (5,996)	2,720 (5,996)
Max. front axle load		1,200 (2,645)	1,200 (2,645)	1,200 (2,645)	1,200 (2,645)
Max. rear axle load		1,650 (3,637)	1,650 (3,637)	1,780 (3,924)	1,780 (3,924)
Seating capacity		7			
Engine					
Model		6G72		6G74	
Total displacement cm ³ (cu. in.)		2,972 (181.3)		3,497 (213.4)	
Transmission					
Type		5-speed manual	4-speed automatic	5-speed manual	4-speed automatic
Model		V5MT1	V4AW2	V5M31	V4AW3

NOTE

*⁴ : Vehicles for Sweden

<VEHICLES WITH DIESEL ENGINE>

Items			V46WNDFL6 V46WNAFL6	V46WNDFCL6 V46WNAFCL6	V46WNBFL6 V46WNHFL6/R6
Dimensions	mm (in.)				
Overall length		①	4,655 (183.3)		4,700 (185.0)
Overall width		②	1,695 (66.7)		1,695 (66.7)
Overall height (unladen)		③	1,885 (74.2)		1,885 (74.2)
Wheelbase		④	2,725 (107.3)		2,725 (107.3)
Track-front		⑤	1,420 (55.9)		1,420 (55.9)
Track-rear		⑥	1,435 (56.5)		1,435 (56.5)
Ground clearance (laden)		⑦	190 (7.5)		190 (7.5)
Overhang-front		⑧	675 (26.6)		720 (28.3)
Overhang-rear		⑨	1,255 (49.4)		1,255 (49.4)
Weight	kg (lbs.)				
Kerb weight			1,960-2,095 (4,321-4,618)	1,920-2,055 (4,232-4,530)	2,010-2,180 (4,431-4,806)
Max. gross vehicle weight			2,720 (5,996)	2,720 (5,996)	2,720 (5,996)
Max. front axle load			1,200 (2,645)	1,200 (2,645)	1,200 (2,645)
Max. rear axle load			1,780 (3,924)	1,780 (3,924)	1,780 (3,924)
Seating capacity			7	5	7
Engine					
Model			4M40		
Total displacement	cm ³ (cu. in.)		2,835 (173.0)		
Transmission					
Type			5-speed manual		
Model			V5M31		

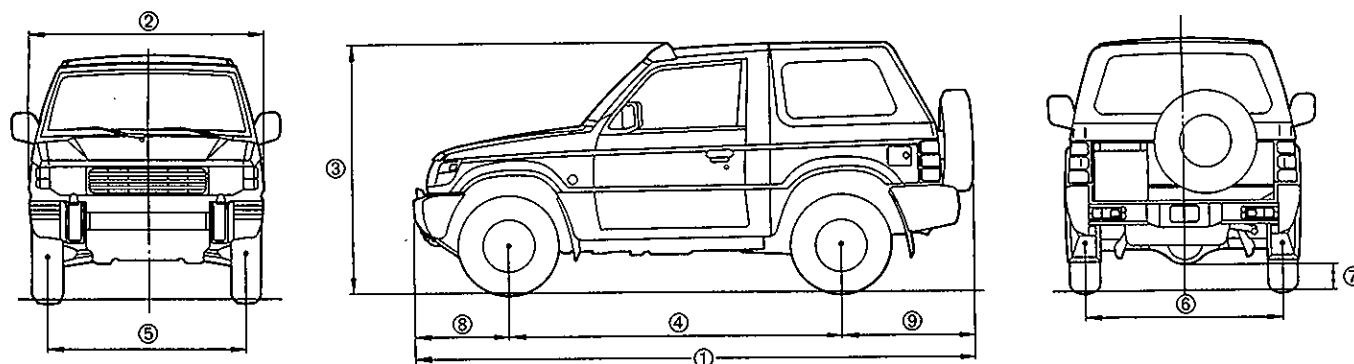
Items			V46WRBFL6 V46WRHFL6/R6	V46WGNCF6 V46WGNXFL6/R6	V46WGRCFL6 V46WGRXFL6/R6
Dimensions	mm (in.)				
Overall length	①		4,700 (185.0)		4,725 (186.0)
Overall width	②		1,695 (66.7)		1,785 (70.3)
Overall height (unladen)	③		1,885 (74.2)		1,895 (74.6)
Wheelbase	④		2,725 (107.3)		2,725 (107.3)
Track-front	⑤		1,420 (55.9)		1,465 (57.7)
Track-rear	⑥		1,435 (56.5)		1,480 (58.3)
Ground clearance (laden)	⑦		190 (7.5)		205 (8.1)
Overhang-front	⑧		720 (28.3)		720 (28.3)
Overhang-rear	⑨		1,255 (49.4)		1,280 (50.4)
Weight	kg (lbs.)				
Kerb weight			2,005–2,175 (4,420–4,795)	2,040–2,175 (4,497–4,795)	2,045–2,180 (4,508–4,806)
Max. gross vehicle weight			2,720 (5,996)	2,720 (5,996)	2,720 (5,996)
Max. front axle load			1,200 (2,645)	1,200 (2,645)	1,200 (2,645)
Max. rear axle load			1,780 (3,924)	1,780 (3,924)	1,780 (3,924)
Seating capacity			7		
Engine					
Model			4M40		
Total displacement	cm ³ (cu. in.)		2,835 (173.0)		
Transmission					
Type			4-speed automatic	5-speed manual	4-speed automatic
Model			V4AW3	V5M31	V4AW3

Items			V44WNDFL6 V44WNDFCL6 V44WNHFL6/R6	V44WGNXFL6/R6	V44WGRXFL6/R6
Dimensions	mm (in.)				
Overall length	①		4,655 (183.3) or 4,700 (185.0)* ⁶	4,725 (186.0)	
Overall width	②		1,695 (66.7)	1,785 (70.3)	
Overall height (unladen)	③		1,855 (73.0)	1,865 (73.4)	
Wheelbase	④		2,725 (107.3)	2,725 (107.3)	
Track-front	⑤		1,420 (55.9)	1,465 (57.7)	
Track-rear	⑥		1,435 (56.5)	1,480 (58.3)	
Ground clearance (laden)	⑦		210 (8.3) or 200 (7.9)* ⁵	210 (8.3)	
Overhang-front	⑧		675 (26.6) or 720 (28.3)* ⁶	720 (28.3)	
Overhang-rear	⑨		1,255 (49.4)	1,280 (50.4)	
Weight	kg (lbs.)				
Kerb weight			1,865–2,000 (4,111–4,409) or 1,840–1,975* ⁷ (4,056–4,354) or 1,915–2,110* ⁶ (4,221–4,651)	1,945–2,115 (4,287–4,662)	1,935–2,105 (4,265–4,640)
Max. gross vehicle weight			2,650 (5,643)	2,650 (5,643)	2,650 (5,643)
Max. front axle load			1,100 (2,425)	1,100 (2,425)	1,100 (2,425)
Max. rear axle load			1,650 (3,637)	1,650 (3,637)	1,650 (3,637)
Seating capacity			7 or 5* ⁷	7	7
Engine					
Model			4D56		
Total displacement	cm ³ (cu. in.)		2,477 (151.2)		
Transmission					
Type			5-speed manual	5-speed manual	4-speed automatic
Model			V5MT1	V5MT1	V4AW2

NOTE

*⁵ : With rear differential lock*⁶ : V44WNHFL6/R6*⁷ : V44WNDFCL6

<Vehicles built from June, 1994>
CANVAS TOP



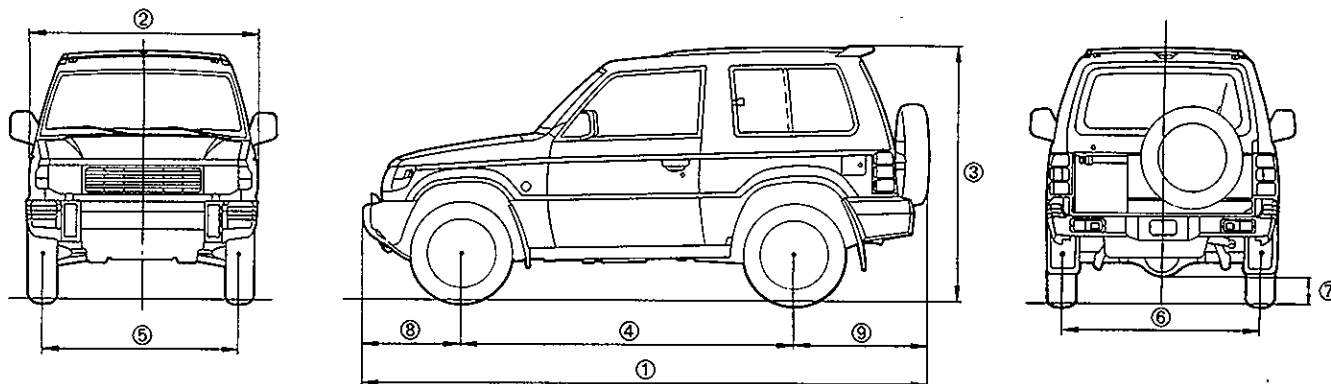
00E0038

Items			V24CNSFL6	V23CGNHVL6/R6	V23CGRHVL6/R6
Dimensions	mm (in.)				
Overall length		①	4,075 (160.4)	4,145 (163.2)	
Overall width		②	1,695 (66.7)	1,785 (70.3)	
Overall height (unladen)		③	1,805 (71.1)	1,845 (72.6)	
Wheelbase		④	2,420 (95.3)	2,420 (95.3)	
Track-front		⑤	1,420 (55.9)	1,465 (57.7)	
Track-rear		⑥	1,435 (56.5)	1,480 (58.3)	
Ground clearance (laden)		⑦	205 (8.1)	215 (8.5)	
Overhang-front		⑧	675 (26.6)	720 (28.3)	
Overhang-rear		⑨	980 (38.6)	1,005 (39.6)	
Weight	kg (lbs.)				
Kerb weight			1,665–1,800 (3,670–3,968)	1,735–1,865 (3,825–4,112)	1,725–1,855 (3,803–4,090)
Max. gross vehicle weight			2,510 (5,534)	2,350 (5,181)	2,350 (5,181)
Max. front axle load			1,100 (2,425) or 1,070 (2,359)* ¹	1,200 (2,646) or 1,030 (2,271)* ¹	1,200 (2,646) or 1,030 (2,271)* ¹
Max. rear axle load			1,650 (3,638) or 1,565 (3,450)* ¹	1,650 (3,638) or 1,405 (3,097)* ¹	1,650 (3,638) or 1,405 (3,097)* ¹
Seating capacity			4		
Engine					
Model			4D56	6G72	
Total displacement	cm ³ (cu. in.)		2,477 (151.2)	2,972 (181.3)	
Transmission					
Type			5-speed manual	5-speed manual	4-speed automatic
Model			V5MT1	V5MT1	V4AW3

NOTE

*¹ : Vehicles for Belgium and France

METAL TOP



<VEHICLES WITH PETROL ENGINE>

00E0039

Items		V23WNHVL6	V23WGNXVL6/R6	V23WGRXVL6/R6	V25WGNXML6/R6 V25WGRXML6/R6
Dimensions mm (in.)					
Overall length	①	4,120 (162.2)	4,145 (163.2)	4,145 (163.2)	4,145 (163.2)
Overall width	②	1,695 (66.7)	1,785 (70.3)	1,785 (70.3)	1,785 (70.3)
Overall height (unladen)	③	1,835 (72.2)	1,845 (72.6)	1,845 (72.6)	1,845 (72.6)
Wheelbase	④	2,420 (95.3)	2,420 (95.3)	2,420 (95.3)	2,420 (95.3)
Track-front	⑤	1,420 (55.9)	1,465 (57.7)	1,465 (57.7)	1,465 (57.7)
Track-rear	⑥	1,435 (56.5)	1,480 (58.3)	1,480 (58.3)	1,480 (58.3)
Ground clearance (laden)	⑦	205 (8.1)	215 (8.5)	205 (8.1)	205 (8.1)
Overhang-front	⑧	720 (28.3)	720 (28.3)	720 (28.3)	720 (28.3)
Overhang-rear	⑨	980 (38.6)	1,005 (39.6)	1,005 (39.6)	1,005 (39.6)
Weight kg (lbs.)					
Kerb weight		1,735–1,865 (3,825–4,112)	1,760–1,875 (3,880–4,134)	1,770–1,885 (3,902–4,156)	1,810–1,925 (3,990–4,243)
Max. gross vehicle weight		2,350 (5,180)	2,350 (5,180)	2,350 (5,180)	2,350 (5,180)
Max. front axle load		1,200 (2,645) or 1,030 (2,271)* ¹	1,200 (2,645) or 1,030 (2,271)* ¹	1,200 (2,645) or 1,030 (2,271)* ¹	1,200 (2,645) or 1,050 (2,315)* ¹
Max. rear axle load		1,650 (3,638) or 1,405 (3,097)* ¹	1,650 (3,638) or 1,405 (3,097)* ¹	1,650 (3,638) or 1,405 (3,097)* ¹	1,780 (3,924) or 1,345 (2,965)* ¹
Seating capacity		5			
Engine					
Model		6G72	6G72	6G72	6G74
Total displacement cm ³ (cu. in.)		2,972 (181.3)	2,972 (181.3)	2,972 (181.3)	3,497 (213.4)
Transmission					
Type		5-speed manual	5-speed manual	4-speed automatic	5-speed manual or 4-speed automatic* ²
Model		V5MT1	V5MT1	V4AW3	V5M31 or V4AW3* ²

NOTE

*¹ : Vehicles for Belgium and France*² : V25WGRXML6/R6

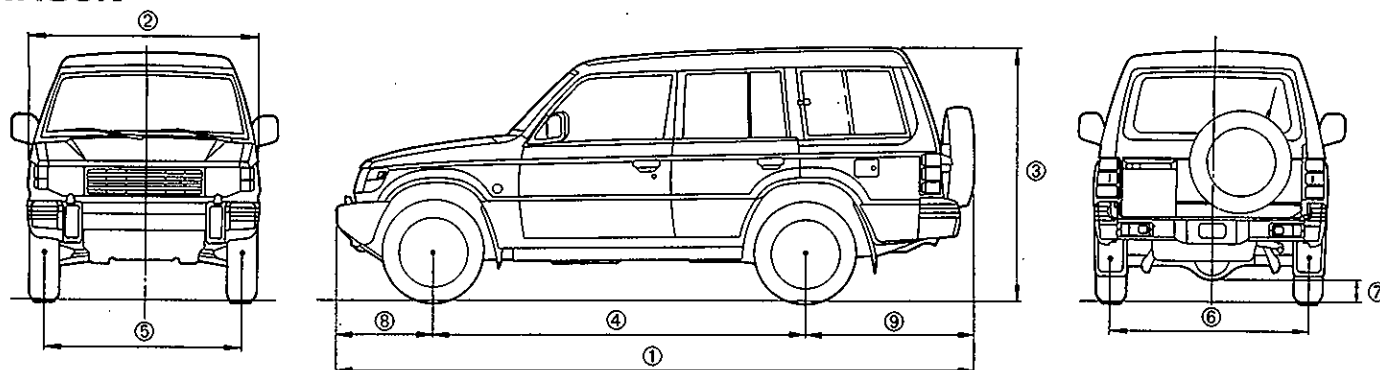
<VEHICLES WITH DIESEL ENGINE>

Items		V24WNAFL6 V24WNDL6	V24WNBFL6 V24WNBFL6/R6	V24WGNCFL6 V24WGNXFL6/R6	V26WGNCFL6 V26WGNXFL6/R6
Dimensions mm (in.)					
Overall length	①	4,075 (160.4)	4,120 (162.2)	4,145 (163.2)	4,145 (163.2)
Overall width	②	1,695 (66.7)	1,695 (66.7)	1,785 (70.3)	1,785 (70.3)
Overall height (unladen)	③	1,805 (71.1)	1,805 (71.1)	1,815 (71.5)	1,845 (72.6)
Wheelbase	④	2,420 (95.3)	2,420 (95.3)	2,420 (95.3)	2,420 (95.3)
Track-front	⑤	1,420 (55.9)	1,420 (55.9)	1,465 (57.7)	1,465 (57.7)
Track-rear	⑥	1,435 (56.5)	1,435 (56.5)	1,480 (58.3)	1,480 (58.3)
Ground clearance (laden)	⑦	205 (8.1)	205 (8.1)	225 (8.9)	205 (8.1)
Overhang-front	⑧	675 (26.6)	720 (28.3)	720 (28.3)	720 (28.3)
Overhang-rear	⑨	980 (38.6)	980 (38.6)	1,005 (39.6)	1,005 (39.6)
Weight kg (lbs.)					
Kerb weight		1,680–1,820 (3,703–4,012)	1,730–1,900 (3,813–4,188)	1,755–1,905 (3,869–4,199)	1,855–2,005 (4,090–4,420)
Max. gross vehicle weight		2,510 (5,534)	2,510 (5,534)	2,510 (5,534)	2,510 (5,534)
Max. front axle load		1,100 (2,425) or 1,070 (2,359)* ¹	1,100 (2,425) or 1,070 (2,359)* ¹	1,100 (2,425) or 1,070 (2,359)* ¹	1,200 (2,646) or 1,115 (2,458)* ¹
Max. rear axle load		1,650 (3,638) or 1,565 (3,450)* ¹	1,650 (3,638) or 1,565 (3,450)* ¹	1,650 (3,638) or 1,565 (3,450)* ¹	1,780 (3,924) or 1,440 (3,175)* ¹
Seating capacity		5			
Engine					
Model		4D56			4M40
Total displacement cm ³ (cu. in.)		2,477 (151.2)			2,835 (173.0)
Transmission					
Type		5-speed manual			5-speed manual
Model		V5MT1			V5M31

NOTE

*¹ : Vehicles for Belgium and France

WAGON



<VEHICLES WITH PETROL ENGINE>

00E0040

Items		V43WNHVL6/R6 V43WRHVL6/R6	V43WGNXVL6/R6 V43WGRXVL6/R6	V45WGNXML6/R6	V45WGRXML6/R6
Dimensions mm (in.)					
Overall length	①	4,700 (185.0)	4,725 (186.0)	4,725 (186.0)	
Overall width	②	1,695 (66.7)	1,785 (70.3)	1,785 (70.3)	
Overall height (unladen)	③	1,890 (74.4)	1,900 (75.0)		
Wheelbase	④	2,725 (107.3)	2,725 (107.3)	2,725 (107.3)	
Track-front	⑤	1,420 (55.9)	1,465 (57.7)	1,465 (57.7)	
Track-rear	⑥	1,435 (56.5)	1,480 (58.3)	1,480 (58.3)	
Ground clearance (laden)	⑦	205 (8.1)	215 (8.5)	205 (8.1)	
Overhang-front	⑧	720 (28.3)	720 (28.3)	720 (28.3)	
Overhang-rear	⑨	1,255 (49.4)	1,280 (50.4)	1,280 (50.4)	
Weight kg (lbs.)					
Kerb weight		1,925–2,085 (4,243–4,596) or 1,920–2,105* ³ (4,233–4,641)	1,950–2,110 (4,299–4,652)	1,990–2,145 (4,387–4,729)	1,985–2,140 (4,376–4,718)
Max. gross vehicle weight		2,650 (5,842)	2,650 (5,842)	2,720 (5,996)	2,720 (5,996)
Max. front axle load		1,200 (2,645) or 1,075 (2,370)* ¹	1,200 (2,645) or 1,075 (2,370)* ¹	1,200 (2,645) or 1,090 (2,403)* ¹	1,200 (2,645) or 1,090 (2,403)* ¹
Max. rear axle load		1,650 (3,637)	1,650 (3,637)	1,780 (3,924)	1,780 (3,924) or 1,670 (3,682)* ¹
Seating capacity		7			
Engine		6G72		6G74	
Model					
Total displacement cm ³ (cu. in.)		2,972 (181.3)		3,497 (213.4)	
Transmission					
Type		5-speed manual or 4-speed automatic* ³	5-speed manual or 4-speed automatic* ⁴	5-speed manual	4-speed automatic
Model		V5MT1 or V4AW3* ³	V5MT1 or V4AW3* ⁴	V5M31	V4AW3

NOTE

*¹ : Vehicles for Belgium and France*³ : V43WRHVL6/R6*⁴ : V43WGRXVL6/R6

<VEHICLES WITH DIESEL ENGINE>

Items			V46WNDL6 V46WNAFL6	V46WNDL6 V46WNAFL6	V46WNBFL6 V46WNHFL6/R6
Dimensions	mm (in.)				
Overall length	①		4,655 (183.3)		4,700 (185.0)
Overall width	②		1,695 (66.7)		1,695 (66.7)
Overall height (unladen)	③		1,890 (74.4)		1,890 (74.4)
Wheelbase	④		2,725 (107.3)		2,725 (107.3)
Track-front	⑤		1,420 (55.9)		1,420 (55.9)
Track-rear	⑥		1,435 (56.5)		1,435 (56.5)
Ground clearance (laden)	⑦		190 (7.5)		190 (7.5)
Overhang-front	⑧		675 (26.6)		720 (28.3)
Overhang-rear	⑨		1,255 (49.4)		1,255 (49.4)
Weight	kg (lbs.)				
Kerb weight			1,960–2,095 (4,321–4,618)	1,920–2,055 (4,232–4,530)	2,010–2,180 (4,431–4,806)
Max. gross vehicle weight			2,720 (5,996)	2,720 (5,996)	2,720 (5,996)
Max. front axle load			1,200 (2,645) or 1,145 (2,524)* ¹	1,200 (2,645) or 1,145 (2,524)* ¹	1,200 (2,645) or 1,145 (2,524)* ¹
Max. rear axle load			1,780 (3,924) or 1,655 (3,649)* ¹	1,780 (3,924) or 1,655 (3,649)* ¹	1,780 (3,924) or 1,655 (3,649)* ¹
Seating capacity			7	5	7
Engine					
Model			4M40		
Total displacement	cm ³ (cu. in.)		2,835 (173.0)		
Transmission					
Type			5-speed manual		
Model			V5M31		

NOTE

*¹ : Vehicles for Belgium and France

Items			V46WRBFL6 V46WRHFL6/R6	V46WGNCF6 V46WGNXFL6/R6	V46WGRCFL6 V46WGRXFL6/R6
Dimensions	mm (in.)				
Overall length	①	4,700 (185.0)	4,725 (186.0)		
Overall width	②	1,695 (66.7)	1,785 (70.3)		
Overall height (unladen)	③	1,890 (74.4)	1,890 (74.4)		
Wheelbase	④	2,725 (107.3)	2,725 (107.3)		
Track-front	⑤	1,420 (55.9)	1,465 (57.7)		
Track-rear	⑥	1,435 (56.5)	1,480 (58.3)		
Ground clearance (laden)	⑦	190 (7.5)	205 (8.1)		
Overhang-front	⑧	720 (28.3)	720 (28.3)		
Overhang-rear	⑨	1,255 (49.4)	1,280 (50.4)		
Weight	kg (lbs.)				
Kerb weight		2,005–2,175 (4,420–4,795)	2,040–2,175 (4,497–4,795)	2,045–2,180 (4,508–4,806)	
Max. gross vehicle weight		2,720 (5,996)	2,720 (5,996)	2,720 (5,996)	
Max. front axle load		1,200 (2,645) or 1,145 (2,524)* ¹	1,200 (2,645) or 1,145 (2,524)* ¹	1,200 (2,645) or 1,145 (2,524)* ¹	
Max. rear axle load		1,780 (3,924) or 1,655 (3,649)* ¹	1,780 (3,924) or 1,655 (3,649)* ¹	1,780 (3,924) or 1,655 (3,649)* ¹	
Seating capacity		7			
Engine					
Model		4M40			
Total displacement	cm ³ (cu. in.)	2,835 (173.0)			
Transmission					
Type		4-speed automatic	5-speed manual	4-speed automatic	
Model		V4AW3	V5M31	V4AW3	

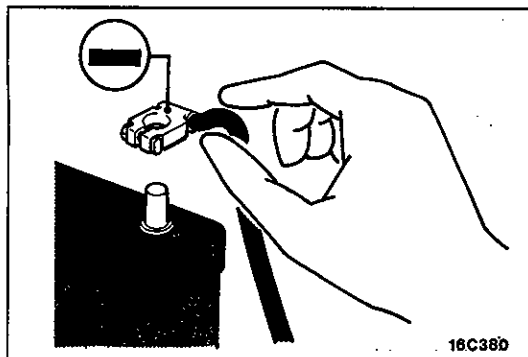
NOTE

*¹ : Vehicles for Belgium and France

Items		V44WNDFL6	V44WNDFCL6	V44WNHFL6	V44WGNXFL6/R6
Dimensions mm (in.)					
Overall length	①	4,655 (183.3)	4,655 (183.3)	4,700 (185.0)	4,725 (186.0)
Overall width	②	1,695 (66.7)	1,695 (66.7)	1,695 (66.7)	1,785 (70.3)
Overall height (unladen)	③	1,860 (73.2)	1,860 (73.2)	1,860 (73.2)	1,870 (73.6)
Wheelbase	④	2,725 (107.3)	2,725 (107.3)	2,725 (107.3)	2,725 (107.3)
Track-front	⑤	1,420 (55.9)	1,420 (55.9)	1,420 (55.9)	1,465 (57.7)
Track-rear	⑥	1,435 (56.5)	1,435 (56.5)	1,435 (56.5)	1,480 (58.3)
Ground clearance (laden)	⑦	205 (8.1)	205 (8.1)	205 (8.1)	215 (8.5)
Overhang-front	⑧	675 (26.6)	675 (26.6)	720 (28.3)	720 (28.3)
Overhang-rear	⑨	1,255 (49.4)	1,255 (49.4)	1,255 (49.4)	1,280 (50.4)
Weight kg (lbs.)					
Kerb weight		1,865–2,000 (4,112–4,409)	1,840–1,975 (4,057–4,354)	1,915–2,110 (4,222–4,652)	1,945–2,115 (4,288–4,663)
Max. gross vehicle weight		2,650 (5,842)	2,650 (5,842)	2,650 (5,842)	2,650 (5,842)
Max. front axle load		1,100 (2,425) or 1,090 (2,403)* ¹	1,100 (2,425) or 1,090 (2,403)* ¹	1,100 (2,425) or 1,090 (2,403)* ¹	1,100 (2,425) or 1,090 (2,403)* ¹
Max. rear axle load		1,650 (3,637)	1,650 (3,637)	1,650 (3,637)	1,650 (3,637)
Seating capacity		7	5	7	7
Engine					
Model		4D56			
Total displacement cm ³ (cu. in.)		2,477 (151.2)			
Transmission					
Type		5-speed manual			
Model		V5MT1			

NOTE

*¹ : Vehicles for Belgium and France



PRECAUTIONS BEFORE SERVICE

E01GA-

SERVICING THE ELECTRICAL SYSTEM

Before replacing a component related to the electrical system and before undertaking any repair procedures involving the electrical system, be sure to first disconnect the negative (-) cable from the battery in order to avoid damage caused by short-circuiting.

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 semiconductor parts being damaged.)
2. For MPI-equipped models and ECI turbo - equipped models, after completion of the work steps (when the battery's negative (-) terminal is connected), warm up the engine and allow the engine to idle for approximately five minutes under the conditions described below, and then check that the idling is satisfactory.

Engine coolant temperature: 80°–95°C (176°–203°F)

Lights, electric fans, accessories: OFF

Transmission: neutral position

(automatic transmission models: "N" or "P")

Steering wheel: neutral (centre) position

IN ORDER TO PREVENT VEHICLES FROM FIRE

"Improper installation of electrical or fuel related parts could cause a fire. In order to retain the high quality and safety of the vehicle, it is important that any accessories that may be fitted or modifications/repairs that may be carried out which involve the electrical or fuel systems, MUST be carried out in accordance with MMC's Information/Instructions".

ENGINE OILS

Health Warning

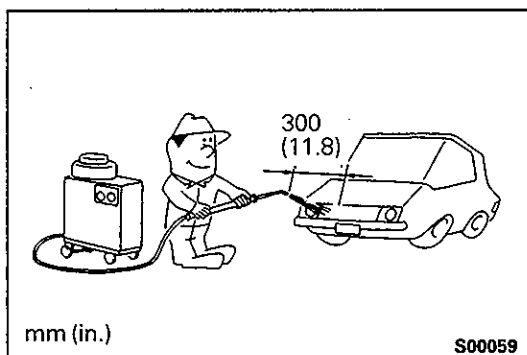
Prolonged and repeated contact with mineral oil will result in the removal of natural fats from the skin, leading to dryness, irritation and dermatitis. In addition, used engine oil contains potentially harmful contaminants which may cause skin cancer. Adequate means of skin protection and washing facilities must be provided.

Recommended Precautions

The most effective precaution is to adapt working practices which prevent, as far as practicable, the risk of skin contact with mineral oils, for example by using enclosed systems for handling used engine oil and by degreasing components, where practicable, before handling them.

Other precautions:

- Avoid prolonged and repeated contact with oils, particularly used engine oils.
- Wear protective clothing, including impervious gloves where practicable.
- Avoid contaminating clothes, particularly underpants, with oil.
- Do not put oily rags in pockets, the use of overalls without pockets will avoid this.
- Do not wear heavily soiled clothing and oil-impregnated foot-wear. Overalls must be cleaned regularly and kept separate from personal clothing.
- Where there is a risk of eye contact, eye protection should be worn, for example, chemical goggles or face shields; in addition an eye wash facility should be provided.
- Obtain First Aid treatment immediately for open cuts and wounds.
- Wash regularly with soap and water to ensure all oil is removed, especially before meals (skin cleansers and nail brushes will help). After cleaning, the application of preparations containing lanolin to replace the natural skin oils is advised.
- Do not use petrol, kerosine, diesel fuel, gas oil, thinners or solvents for cleaning skin.
- Use barrier creams, applying them before each work period, to help the removal of oil from the skin after work.
- If skin disorders develop, obtain medical advice without delay.

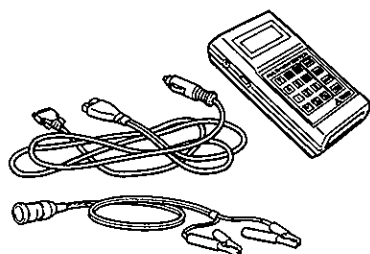


VEHICLE WASHING

E01GA--

If high-pressure car-washing equipment or steam car-washing equipment is used to wash the vehicle, be sure to note the following information in order to avoid damage to plastic components, etc.

- Spray nozzle distance: 300 mm (11.8 in.) or more
- Spray pressure: 4 MPa (40 kg/cm², 569 psi) or less
- Spray temperature: 82°C (180°F) or less
- Time of concentrated spray to one point: within 30 sec.

Multi-use tester sub assembly**ROM pack****MULTI-USE TESTER <Vehicles built up to October, 1993>**

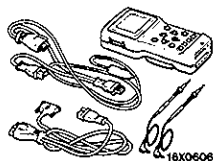
- (1) To operate the MUT, refer to the "Multi-use Tester Operation Instructions".

Caution

Connection and disconnection of the MUT 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	Applicable models
MB991419	1992 models
MB991481	1992, 1993 models

MUT-II sub-assembly**ROM pack**

16X0607

MUT-II <All models>

Refer to the MUT-II OPERATING INSTRUCTIONS for instructions on handling the MUT-II.

Caution

Connection and disconnection of the MUT-II should always be made with the ignition switch in the OFF position.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)-AIR BAG

E00AF10AA

GENERAL INFORMATION

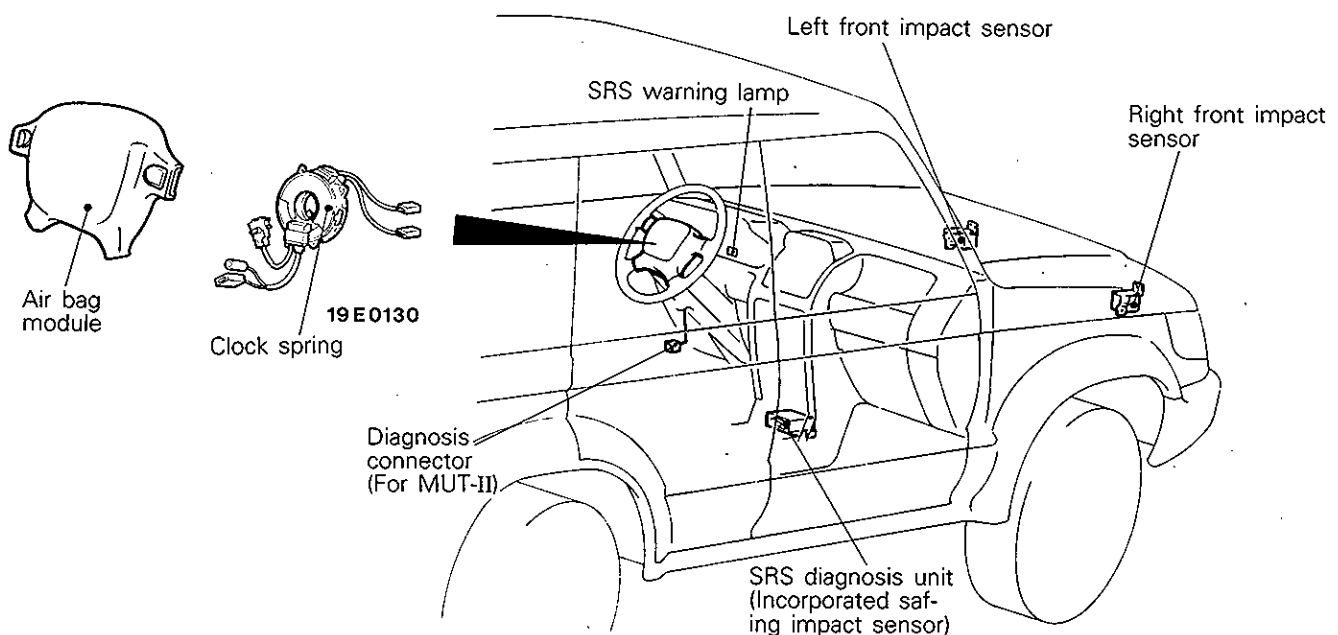
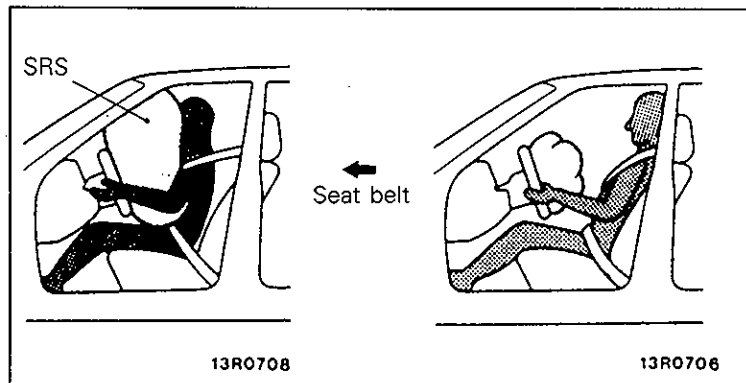
The Supplemental Restraint System (SRS) is designed to supplement the driver's seat belt to help reduce the risk or severity of injury to the driver by activating and deploying an air bag in certain frontal collisions.

The SRS consists of: left front and right front impact sensors one located, on the right and left radiator support panel; an air bag module located in the centre of the steering wheel, which contains the folded air bag and an inflator unit; the SRS diagnosis unit located in front of the shift lever, which monitors the system, and which contains a safing impact sensor; an SRS warning lamp located on the instrument panel, which indicates the operational status of the SRS, and clock spring interconnection located within the steering

column; wiring.

The SRS is designed so that the air bag will deploy when the safing sensor, plus either or both of the left front and right front impact sensors simultaneously activate while the ignition switch is "ON". That is designed to occur in frontal or near-frontal impacts of moderate to severe force.

Only authorized service personnel should do work on or around the SRS components. Those service personnel should read this manual carefully before starting any such work. Extreme care must be used when servicing the SRS to avoid injury to the service personnel (by inadvertent deployment of the air bag) or the driver (by rendering the SRS inoperative).



SRS SERVICE PRECAUTIONS

E00AF11AA

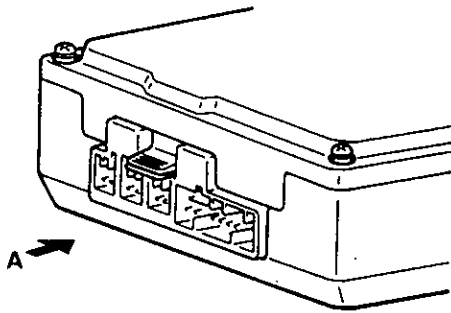
1. In order to avoid injury to yourself or others from accidental deployment of the air bag during servicing, read and carefully follow all the precautions and procedures described in this manual.
2. Do not use any electrical test equipment on or near SRS components, except those specified on GROUP 52B – Special Tools and Test Equipment.
Never use an analogue ohmmeter.
3. **Never Attempt to Repair the Following Components:**
 - Front Impact Sensors
 - SRS Diagnosis Unit (SDU)
 - Clock Spring
 - Air Bag Module

If any of these components are diagnosed as faulty, they should only be replaced, in accordance with the INDIVIDUAL COMPONENTS SERVICE procedures in this manual.
4. Do not attempt to repair the wiring harness connectors of the SRS. If any of the connectors are diagnosed as faulty, replace the wiring harness. If the wires are diagnosed as faulty, replace or repair the wiring harness according to the following table.

SDU Terminal No.	Harness Connector (No. of Terminals, Colour)	Destination of Harness	Corrective Action
1	2 pins, red	Dash wiring harness → Clock spring	Correct or replace each wiring harness. Replace clock spring
2			
7 and 8	14 pins, red	–	–
9		Dash wiring harness → Diagnosis connector	Correct or replace each wiring harness
10		Dash wiring harness → Control wiring harness → Dash wiring harness → Ignition switch (ST)	
11		Dash wiring harness → Junction block (fuse No. 4)	
12		Dash wiring harness → Junction block (fuse No. 8)	
13		Dash wiring harness → Instrument panel wiring harness → SRS warning lamp	
14			
16		Dash wiring harness → Front wiring harness → Front impact sensor (LH)	Replace with sensor cable*
17			
15		Dash wiring harness → Front wiring harness → Front impact sensor (RH)	
18			
19		Dash wiring harness → Earth	Correct or replace dash wiring harness
20			

NOTE

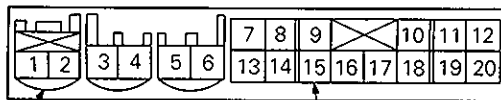
- (1) The sensor cable marked with* is available as service part.
- (2) The sensor cable used as a replacement part is routed along the dash wiring harness and front wiring harness.



A13R0704

View A

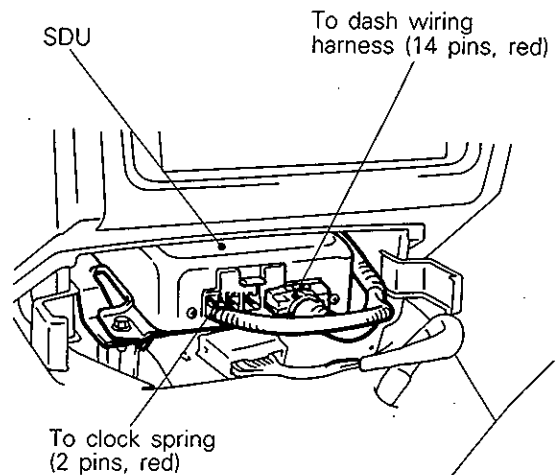
Unused terminals



To clock spring

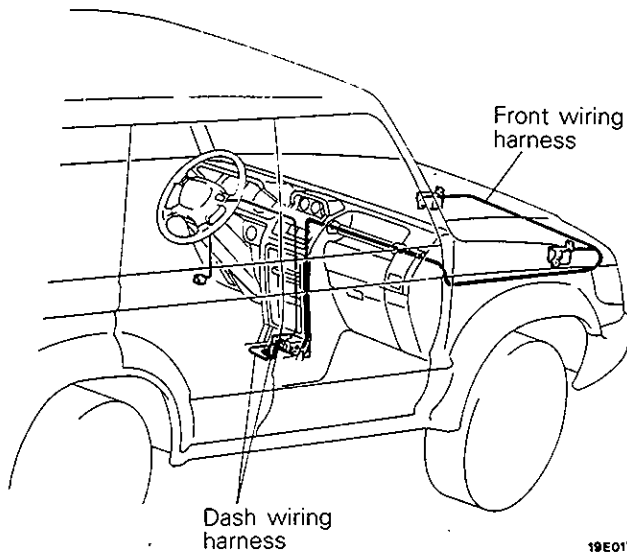
To dash wiring harness

19X0357



19E0154

<L.H. drive vehicles>

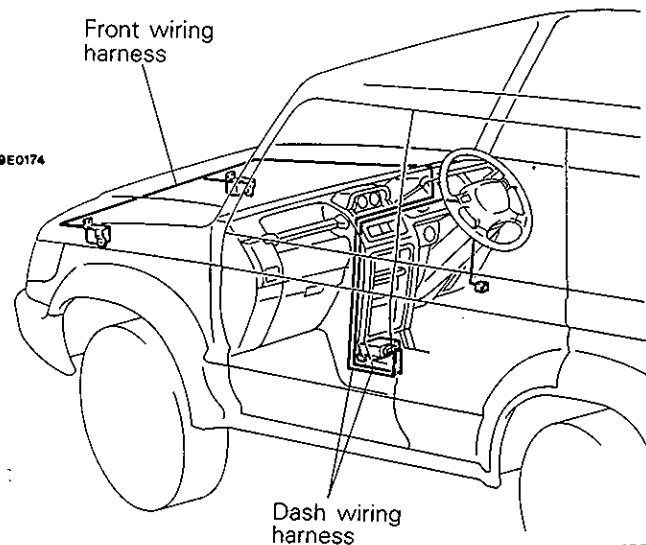


Front wiring harness

Dash wiring harness

19E0174

<R.H. drive vehicles>



Front wiring harness

Dash wiring harness

19E0143

00-17-5 GENERAL – Supplemental Restraint System (SRS)-Air Bag

5. **After disconnecting the battery cable, wait 60 seconds or more before proceeding with the following work. The SRS system is designed to retain enough voltage to deploy the air bag for a short time even after the battery has been disconnected, so serious injury may result from unintended air bag deployment if work is done on the SRS system immediately after the battery cables are disconnected.**
6. SRS components should not be subjected to heat over 93°C, so remove the front impact sensors, SRS diagnosis unit, air bag module and clock spring before drying or baking the vehicle after painting.
Recheck SRS system operability after re-installing the components.
7. Whenever you finish servicing the SRS, check the SRS warning lamp operation to make sure that the system functions properly. (Refer to GROUP 52B – Troubleshooting.)
8. Make certain that the ignition switch is OFF when the MUT-II is connected or disconnected.
9. If you have any questions about the SRS, please contact your local distributor.

NOTE

SERIOUS INJURY CAN RESULT FROM UNINTENDED AIR BAG DEPLOYMENT, SO USE ONLY THE PROCEDURES AND EQUIPMENT SPECIFIED IN THIS MANUAL.

NOTES

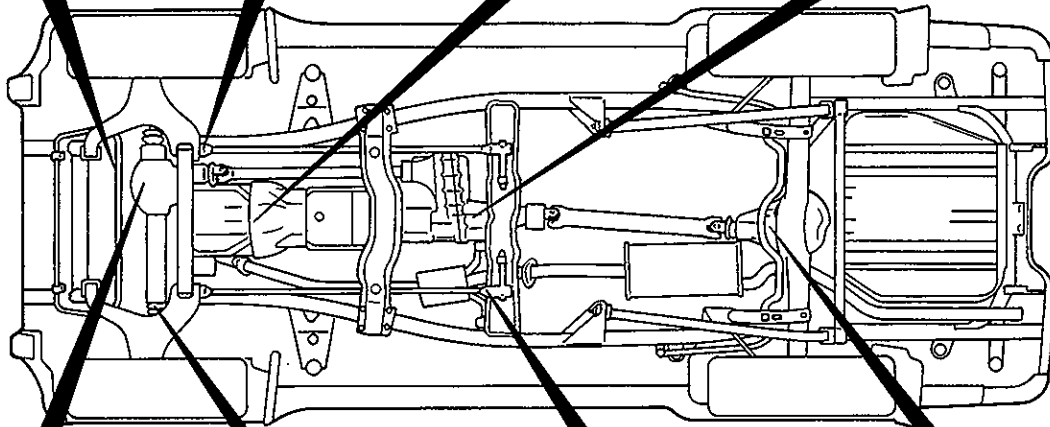
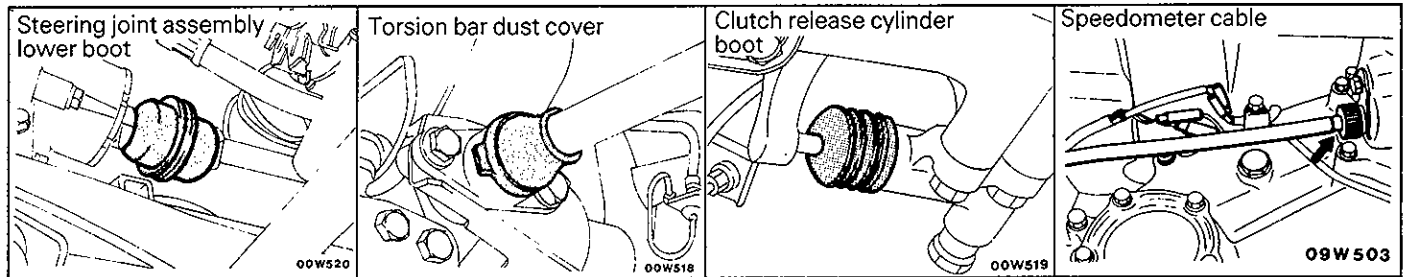
TREATMENT BEFORE/AFTER THE FORDING OF A STREAM

E011AAA

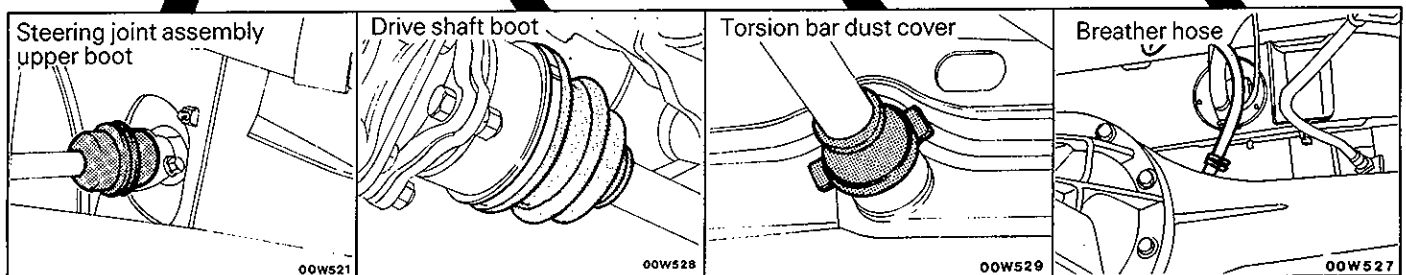
INSPECTION AND SERVICE BEFORE FORDING A STREAM

Vehicles which are driven through water, or which may possibly be driven through water, should be subjected to the following inspections and maintenance procedures in advance.

- Seal the speedometer cable with a water-resistant grease or tape.
- Inspect the dust boots and breather hose for cracks or damage, and replace them if cracks or damage are found.



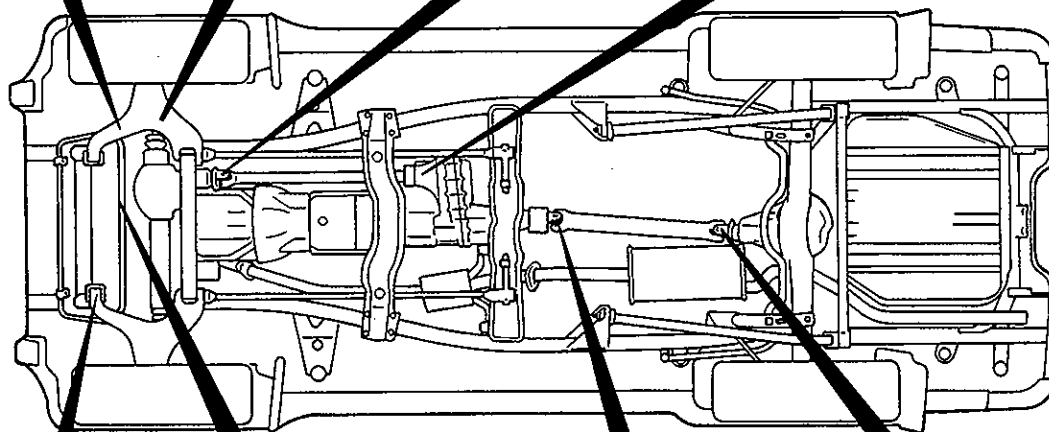
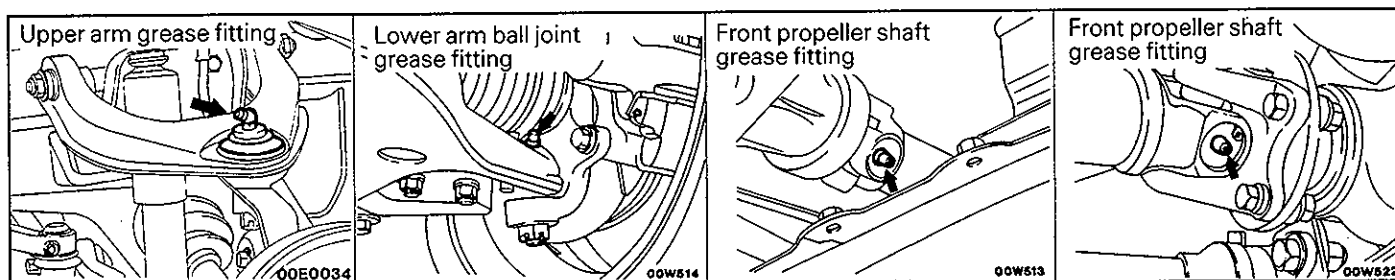
00E0029



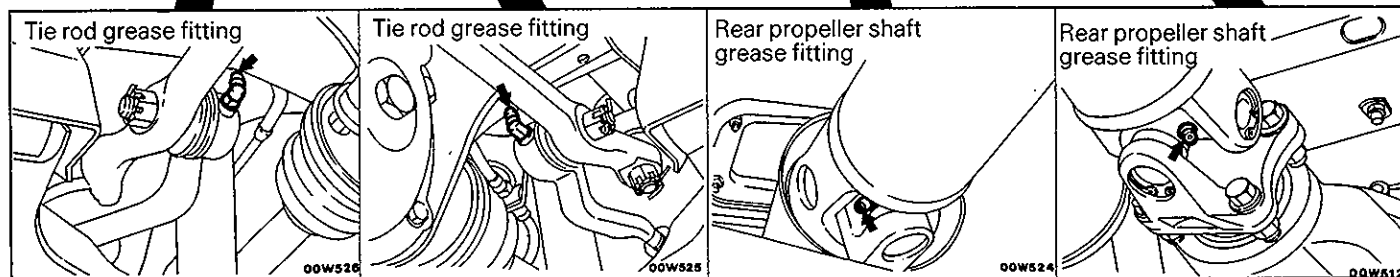
- Apply grease to the lubricating points of the front suspension, steering linkage and propeller shaft.

NOTE

For the lubricating points of vehicles equipped with a mechanical winch, refer to GROUP 51.



00E0029



INSPECTION AND SERVICE AFTER FORDING A STREAM

After fording a stream, check the following points. If abnormal condition is evident, clean, replace or lubricate.

- Check for water, mud, sand, etc. in the rear brake drum, clutch housing, starter motor, brake pipe and fuel pipe.
- Check for water in the fluid or oil inside the front differential, rear differential, transmission and transfer.
- Apply grease to the lubricating points of the front suspension, steering linkage and propeller shaft.

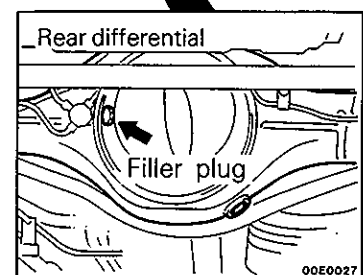
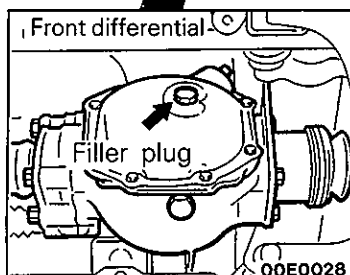
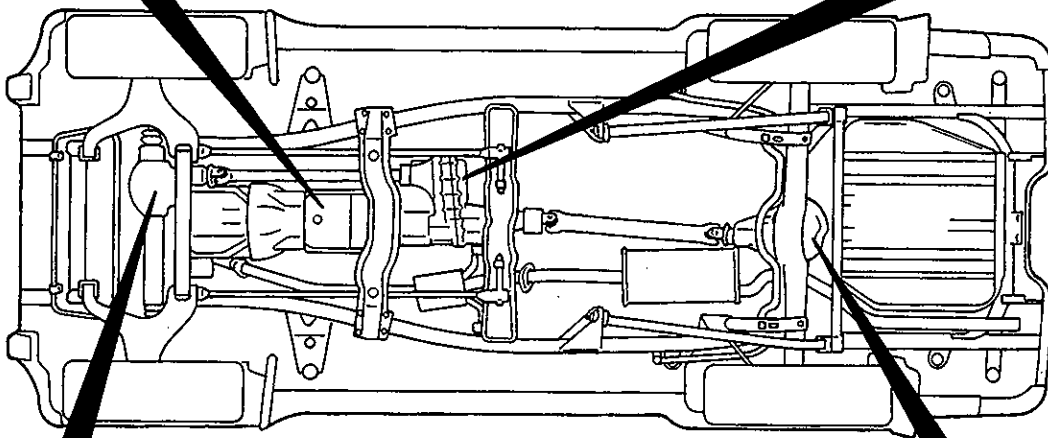
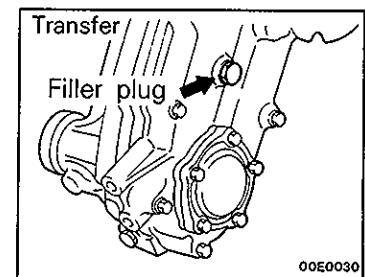
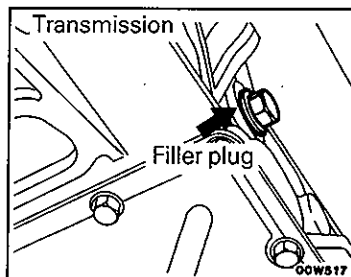
NOTE

For the lubricating points of vehicles with a mechanical winch, refer to GROUP 51.

- Check all boots and breather hoses for cracks and damage.

Caution

Check to be sure that there are no water and mud entering from each component connection.

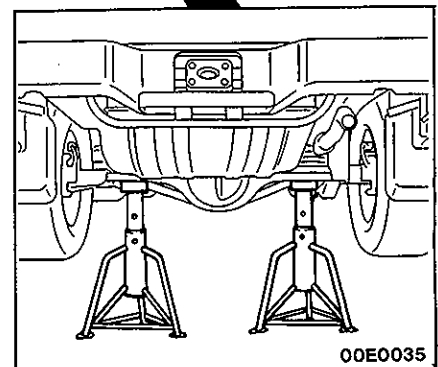
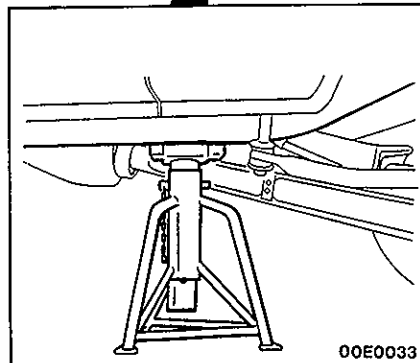
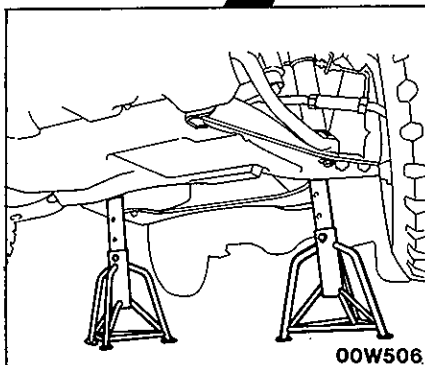
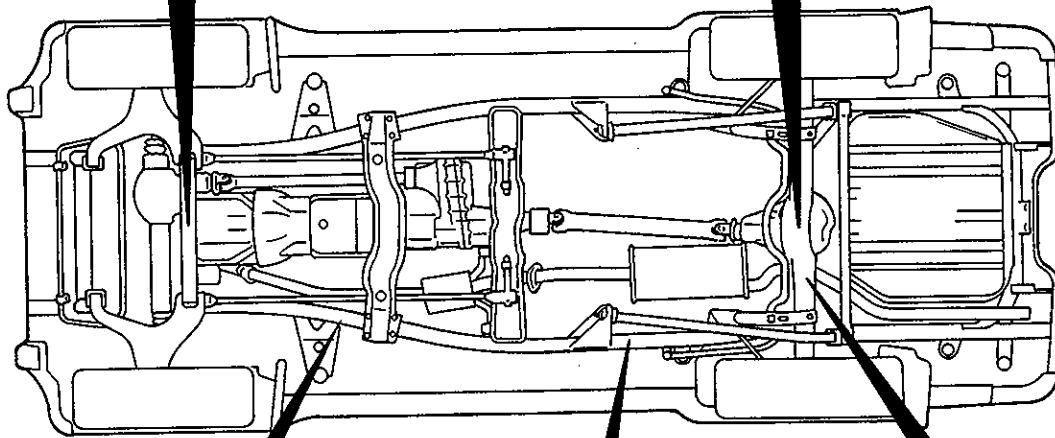
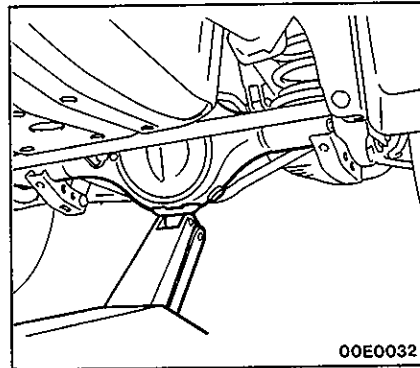
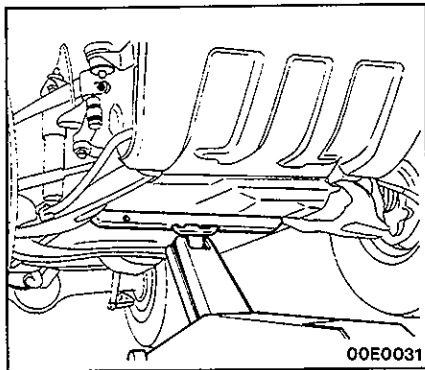


SUPPORT LOCATIONS FOR LIFTING AND JACKING

E01LB--

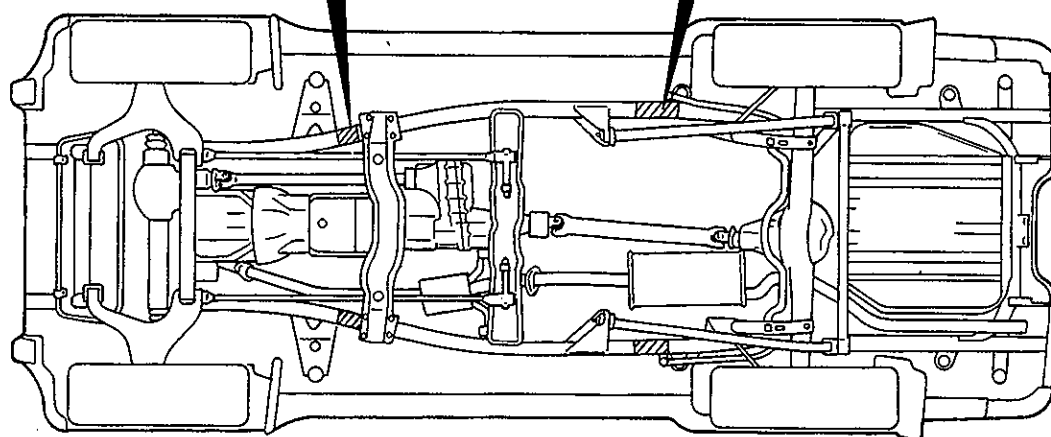
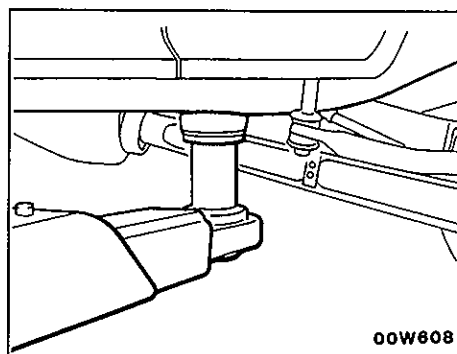
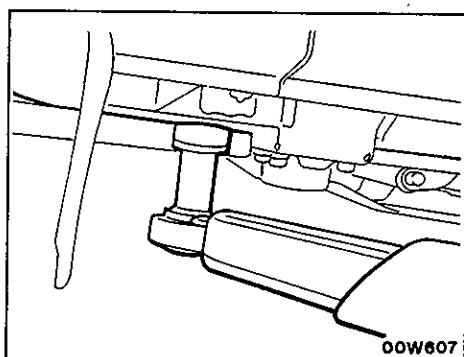
Caution

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 AXLE STANDS

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.



00E0029

STANDARD PARTS-TIGHTENING-TORQUE TABLE

E01MA--

Each torque value in the table is a standard value for tightening under the following conditions.

- (1) Bolts, nuts and washers are all made of steel and plated with zinc.
- (2) The threads and bearing surface of bolts and nuts are all in dry condition.

The values in the table are not applicable:

- (1) If toothed washers are inserted.
- (2) If plastic parts are fastened.
- (3) If bolts are tightened to plastic or die-cast inserted nuts.
- (4) If self-tapping screws or self-locking nuts are used.

Standard bolt and nut tightening torque

Bolt nominal diameter (mm)	Pitch (mm)	Torque Nm (kgm, ft.lbs.)		
		Head mark ④	Head mark ⑦	Head mark ⑧
M5	0.8	2.5 (0.25, 1.8)	5 (0.5, 3.6)	6 (0.6, 4.3)
M6	1.0	5 (0.5, 3.6)	9 (0.9, 6.5)	10 (1.0, 7.2)
M8	1.25	12 (1.2, 8.7)	22 (2.2, 16)	25 (2.5, 18)
M10	1.25	24 (2.4, 17)	45 (4.5, 33)	53 (5.3, 38)
M12	1.25	42 (4.2, 30)	83 (8.3, 60)	98 (9.8, 71)
M14	1.5	73 (7.3, 53)	140 (14.0, 101)	160 (16.0, 116)
M16	1.5	113 (11.3, 82)	210 (21.0, 152)	240 (24.0, 174)
M18	1.5	170 (17.0, 123)	310 (31.0, 224)	350 (35.0, 253)
M20	1.5	230 (23.0, 166)	420 (42.0, 304)	490 (49.0, 354)
M22	1.5	310 (31.0, 224)	570 (57.0, 412)	660 (66.0, 477)
M24	1.5	400 (40.0, 289)	750 (75.0, 542)	870 (87.0, 629)

Flange bolt and nut tightening torque

Bolt nominal diameter (mm)	Pitch (mm)	Torque Nm (kgm, ft.lbs.)		
		Head mark ④	Head mark ⑦	Head mark ⑧
M6	1.0	5 (0.5, 3.6)	10 (1.0, 7.2)	12 (1.2, 8.7)
M8	1.25	13 (1.3, 9.4)	24 (2.4, 17)	28 (2.8, 20)
M10	1.25	26 (2.6, 19)	50 (5.0, 36)	58 (5.8, 42)
M10	1.5	24 (2.4, 17)	45 (4.5, 33)	55 (5.5, 40)
M12	1.25	47 (4.7, 34)	95 (9.5, 69)	105 (10.5, 76)
M12	1.75	43 (4.3, 31)	83 (8.3, 60)	98 (9.8, 71)

MAIN SEALANT AND ADHESIVE TABLE

E002A--

Application	Recommended brand
1. Sealants for engine accessories	
(1) Sealing between rocker cover and camshaft bearing cap (4G6 DOHC and 6G7 engines only)	3M ATD Part No. 8660 or equivalent
(2) • Sealing between semi-circular packing and rocker cover and between semi-circular packing and cylinder head • Oil pressure switch	3M ATD Part No. 8660 or equivalent
(3) Engine coolant temperature switch, Engine coolant temperature sensor, Thermo valve, Thermo switch, Joints, Engine coolant temperature gauge unit (large size)	3M Nut Locking Part No. 4171 or equivalent
(4) Engine coolant temperature gauge unit (small size, MD091056 only)	3M ATD Part No. 8660 or equivalent
(5) Oil pan (except 4G5 engine)	MITSUBISHI GENUINE Part No. MD970389 or equivalent
(6) Water pump, Thermostat case (4G9 and 6A1 engines only)	MITSUBISHI GENUINE Part No. MD970389 or equivalent
2. Sealing between glass and weatherstrip	
(1) • Sealing between tempered glass and weatherstrip • Sealing between body flange and weatherstrip	3M ATD Part No. 8513 or equivalent 3M ATD Part No. 8509 or equivalent
(2) Sealing between laminated glass and weatherstrip	3M ATD Part No. 8509 or equivalent

Application	Recommended brand
3. Adhesion with ribbon sealer <ul style="list-style-type: none"> • Waterproof film for door • Fender panel • Splash shield • Mud guard • Rear combination lamp 	3M ATD Part No. 8625 or equivalent
4. Adhesives for interior trim	
(1) Adhesion of polyvinyl-chloride sheet	3M Part No. EC-1368 or equivalent
(2) Adhesion of door weatherstrip to body	3M ATD Part No. 8001 or 3M ATD Part No. 8011 or equivalent
(3) Sealing between grommet or packing and metal seal	3M ATD Part No. 8513 or equivalent
(4) • Adhesion of headlining and other interior trim materials • Adhesion of fuel tank to pad	3M Part No. EC-1368 or 3M ATD Part No. 8080 or equivalent
5. Body sealant <ul style="list-style-type: none"> • Sealing of sheet metal, drip rail, floor, body side panel, trunk, front panel and the like joints • Sealing of tailgate hinges 	3M ATD Part No. 8531 or 3M ATD Part No. 8646 or equivalent

Application	Recommended brand
6. Chassis sealant	
(1) ● Sealing of flange surfaces and threaded portions ● Fuel gauge unit packing	3M ATD Part No. 8659 or equivalent
(2) Sealing of flange surfaces, threaded portions, packing and dust cover ● Differential carrier packing ● Dust covers for ball joint and linkage ● Steering gear box packing and shims ● Steering gear housing rack support cover and top cover ● Mating surface of knuckle arm flange	3M ATD Part No. 8663 or equivalent
(3) Sealing between accelerator arm bracket and toeboard	Drying sealant
(4) Sealant for drum brake shoe hold-down pin and wheel cylinder	3M ATD Part No. 8513 or equivalent
7. Fast bonding adhesive Adhesion of all materials except polyethylene, polypropylene, fluorocarbon resin or other materials with highly absorbent surface	3M ATD Part No. 8155 or equivalent
8. Anaerobic fast bonding adhesives	
(1) Fixing of bolts and screws ● Tightening of drive gear to differential case ● Bolts for coupling tilt steering upper column with lower column	3M Stud locking Part No. 4170 or equivalent
(2) Fixing of bearing, fan, pulley and gear connections	
(3) Sealing of small recess or flange surface	
9. Undercoat	3M ATD Part No. 8864 or equivalent

NOTES