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HOW TO USE THIS MANUAL

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 separate manuals covering the engine and the transmission.

ON-VEHICLE SERVICE

"On-vehicle Service" is procedures for performing inspections and adjustments of particularly important locations with regard to the construction and for maintenance and servicing, but other inspection (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.

INDICATION OF TIGHTENING TORQUE

Tightening torques (units: N·m) are set to take into account the central value and the allowable tolerance. The central value is the target value, and the allowable tolerance provides the checking range for tightening torques. If bolts and nuts are not provided with tightening torques, refer to P.00-39.

MODEL INDICATIONS

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

GDI: Indicates the gasoline direct injection.
DOHC: Indicates an engine with the double overhead camshaft, or models equipped with such an 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.
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.

Component Diagram
A diagram of the component parts is provided near the front of each section in order to give a reader a better understanding of the installed condition of component parts.

Indicates (by symbols) where lubrication is necessary.

Maintenance and Servicing Procedures
The numbers provided within the diagram indicate the sequence for maintenance and servicing procedures.

- 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 reassemby 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.

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

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, gear oil or air conditioner compressor oil

 : Adhesive tape or butyl rubber tape

Indicates the group title.

Indicates the section title.

Indicates the group number.

Indicates the page number.

STEERING – Power Steering Oil Pump 37A-29

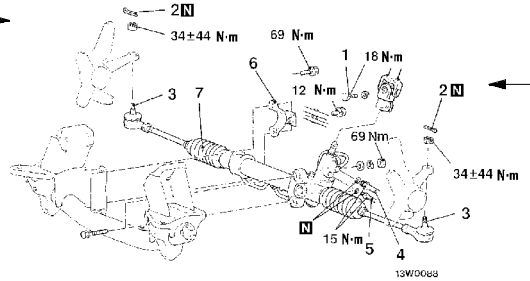
POWER STEERING GEAR BOX

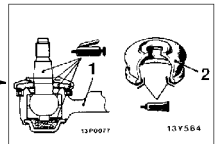
120000039

REMOVAL AND INSTALLATION

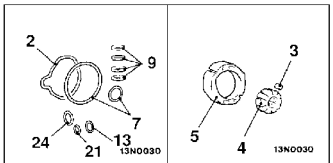
Pre-removal Operation
(1)Power Steering Fluid Draining (Refer to P. 37A-10.)
(2)Air Cleaner Assembly Removal
(3)Under Cover Removal (Refer to GROUP 42 – Under Cover.)

<2WD>





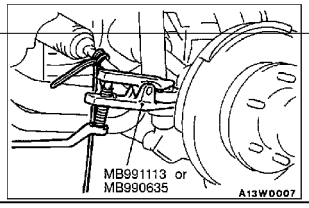
Sealant: 3M ATD Part No. 8661 or equivalent



Oil pump seal kit | Oil pump cartridge kit

Removal steps
1. Lower shaft assembly and gear box connecting bolt
2. Split pin
3. Connection for tie-rod end and knuckle
4. Connection for return tube
5. Connection for pressure tube
6. Clamp
7. Gear box assembly

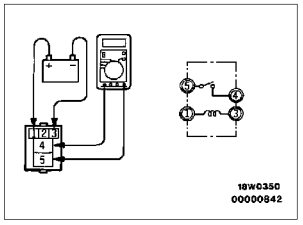
◀A▶ ◀B▶



REMOVAL SERVICE POINTS

◀A▶ TIE-ROD END DISCONNECTION

Caution
1. Using the special tool, loosen the tie rod end mounting nut. Only loosen the nut; do not remove it from the ball joint.
2. Support the special tool with a cord, etc. to prevent it from coming off.

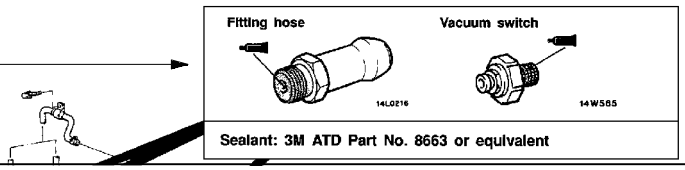


HEADLAMP RELAY CONTINUITY INSPECTION

Battery voltage	Terminal No.			
	1	3	4	5
Power is not supplied	○	○		
Power is supplied	⊕	⊖	○	○

35A-26 BASIC BRAKE SYSTEM – Master Cylinder and Brake Booster

Lubrication and sealing points



Sealant: 3M ATD Part No. 8663 or equivalent

00002471

N denotes non-reusable part.

Denotes tightening torque. For bolts and nuts which do not have a tightening torque listed, refer to the “Standard Parts-tightening-torque Table”.

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

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

○——○ indicates that there is a continuity between the terminals.
⊕——⊖ indicates terminals to which battery voltage is applied.

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.

HOW TO USE TROUBLESHOOTING/INSPECTION SERVICE POINTS

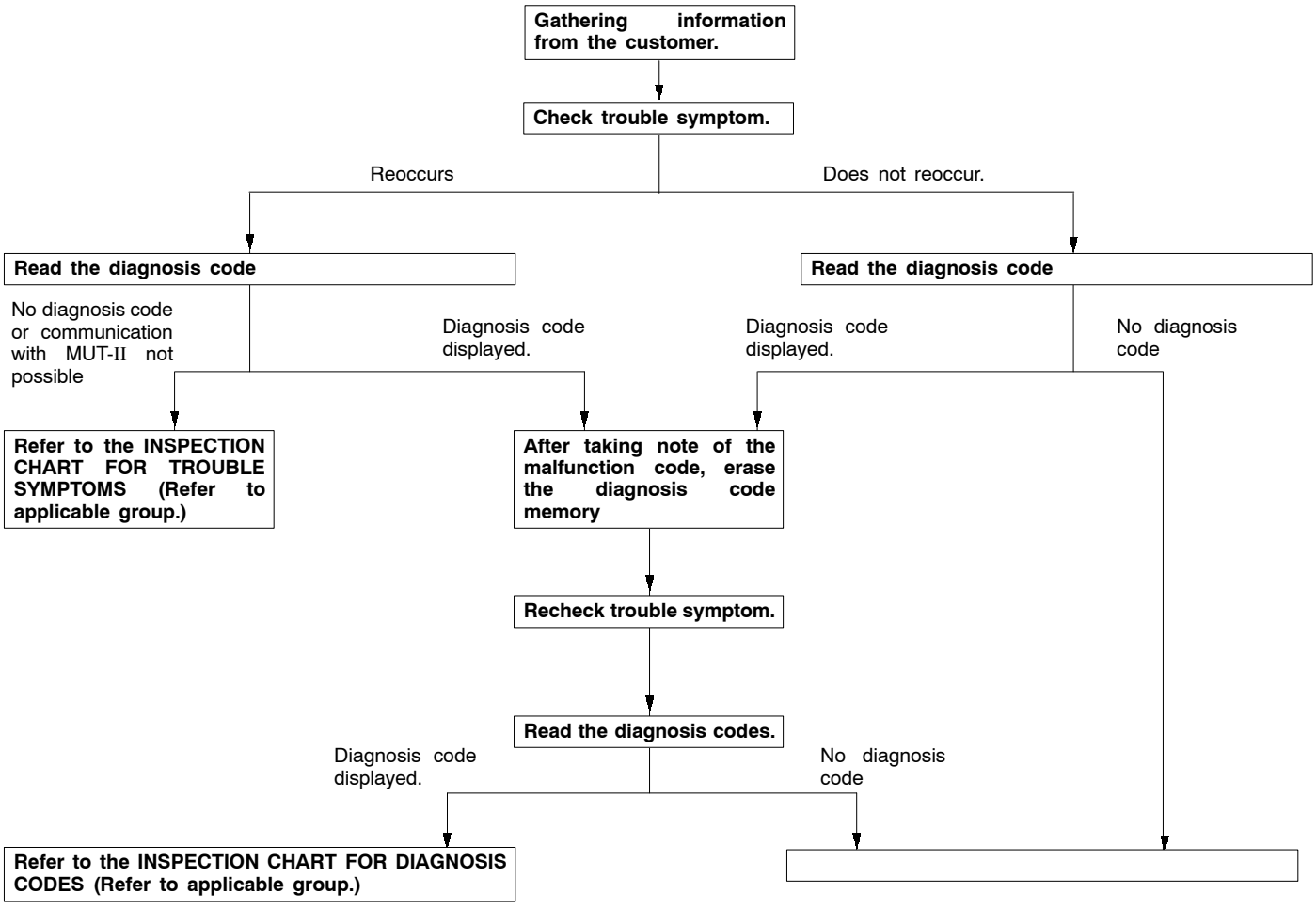
Troubleshooting of electronic control systems for which the MUT-II can be used follows the basic outline described below. Furthermore, even in systems for which the MUT-II cannot be used, part of these systems still follow this outline.

TROUBLESHOOTING CONTENTS

1. STANDARD FLOW OF DIAGNOSIS TROUBLESHOOTING

The troubleshooting sections follow the basic diagnosis flow which is given below. If the diagnosis flow is different from that given below, or if additional explanation is required, the details of such differences or additions will also be listed.

Diagnosis method



4. INSPECTION CHART FOR DIAGNOSIS CODES

5. INSPECTION PROCEDURE FOR DIAGNOSIS CODES

Indicates the inspection procedures corresponding to each diagnosis code. (Refer to P.00-10 for how to use the inspection procedures.)

6. INSPECTION CHART FOR TROUBLE SYMPTOMS

If there are trouble symptoms even though the results of inspection using the MUT-II show that all diagnosis codes are normal, inspection procedures for each trouble symptom will be found by means of this chart.

7. INSPECTION PROCEDURE FOR TROUBLE SYMPTOM

Indicates the inspection procedures corresponding to each trouble symptoms classified in the Inspection Chart for Trouble Symptoms. (Refer to P.00-10 for how to use the inspection procedures.)

8. SERVICE DATA REFERENCE TABLE

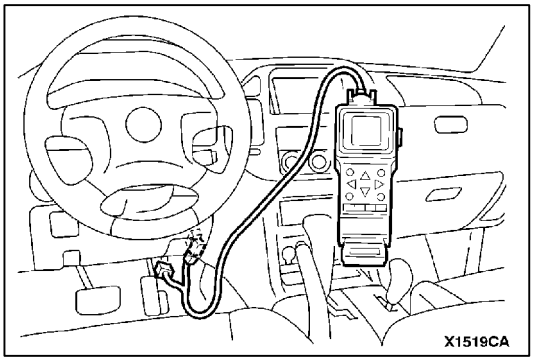
Inspection items and normal judgement values have been provided in this chart as reference information.

9. CHECK AT ECU TERMINALS

Terminal numbers for the ECU connectors, inspection items and standard values have been provided in this chart as reference information.

10. INSPECTION PROCEDURES USING AN OSCILLOSCOPE

When there are inspection procedures using an oscilloscope, these are listed here.



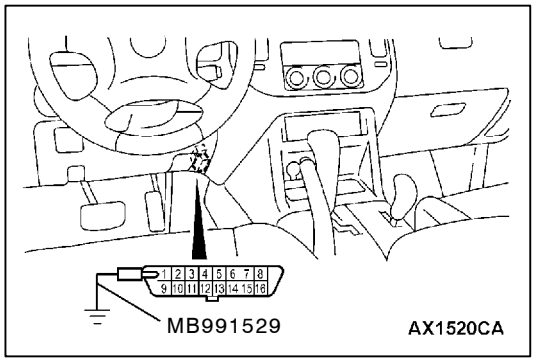
DIAGNOSIS FUNCTION

METHOD OF READING DIAGNOSIS CODES

WHEN USING THE MUT-II

Connect the MUT-II to the diagnosis connector and take a reading of the diagnosis codes.

Caution
Turn the ignition switch to "LOCK(OFF)" position before connecting or disconnecting the MUT-II.



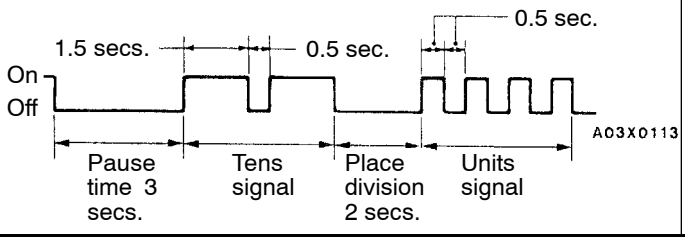
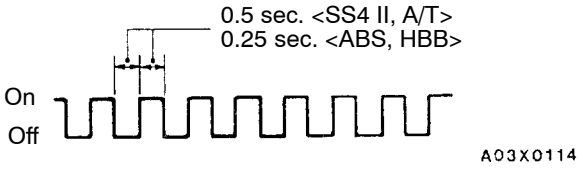
WHEN USING THE WARNING LAMP

1. Use the special tool to earth No.1 terminal (diagnosis control terminal) of the diagnosis connector.
2. Turn on the ignition switch.
3. Read out a diagnosis code by observing how the warning lamp flashes.

Applicable systems

System name	Warning lamp name
A/T	Neutral position indicator lamp
ABS	ABS warning lamp
SS4 II	4WD warning lamp
Hydraulic Brake Booster(HBB)	Brake warning lamp

Indication of diagnosis code by warning lamp

When the diagnosis code No.24 is output	When no diagnosis code is output*
	

NOTE
*: Even if the ABS system is normal, removing the valve relay causes the diagnosis code No.52 to be output.

METHOD OF ERASING DIAGNOSIS CODES

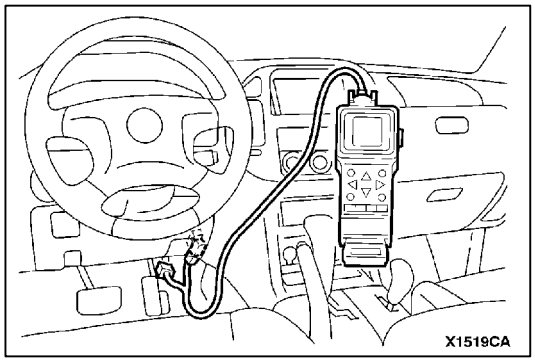
WHEN USING THE MUT-II

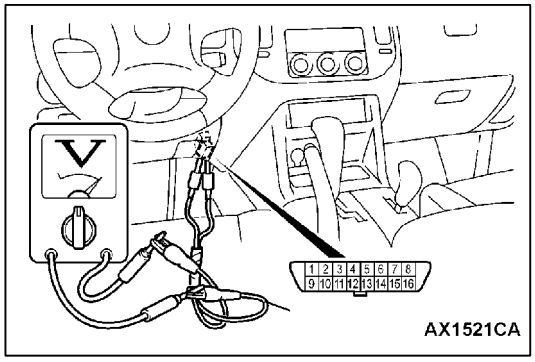
Connect the MUT-II to the diagnosis connector and erase the diagnosis code.

Caution
Turn the ignition switch to "LOCK (OFF)" position before connecting or disconnecting the MUT-II.

WHEN NOT USING THE MUT-II

1. Turn the ignition switch to "LOCK(OFF)" position.
2. After disconnecting the battery cable from the battery (-) terminal for 10 seconds or more, reconnect the cable.
3. After the engine has warmed up, run it at idle for about 15 minutes.





INPUT SIGNAL CHECK <SWS>

WHEN USING THE MUT-II

(1) Connect the MUT-II to the diagnosis connector and erase the diagnosis code.

Caution
Turn the ignition switch to "LOCK (OFF)" position before connecting or disconnecting the MUT-II.

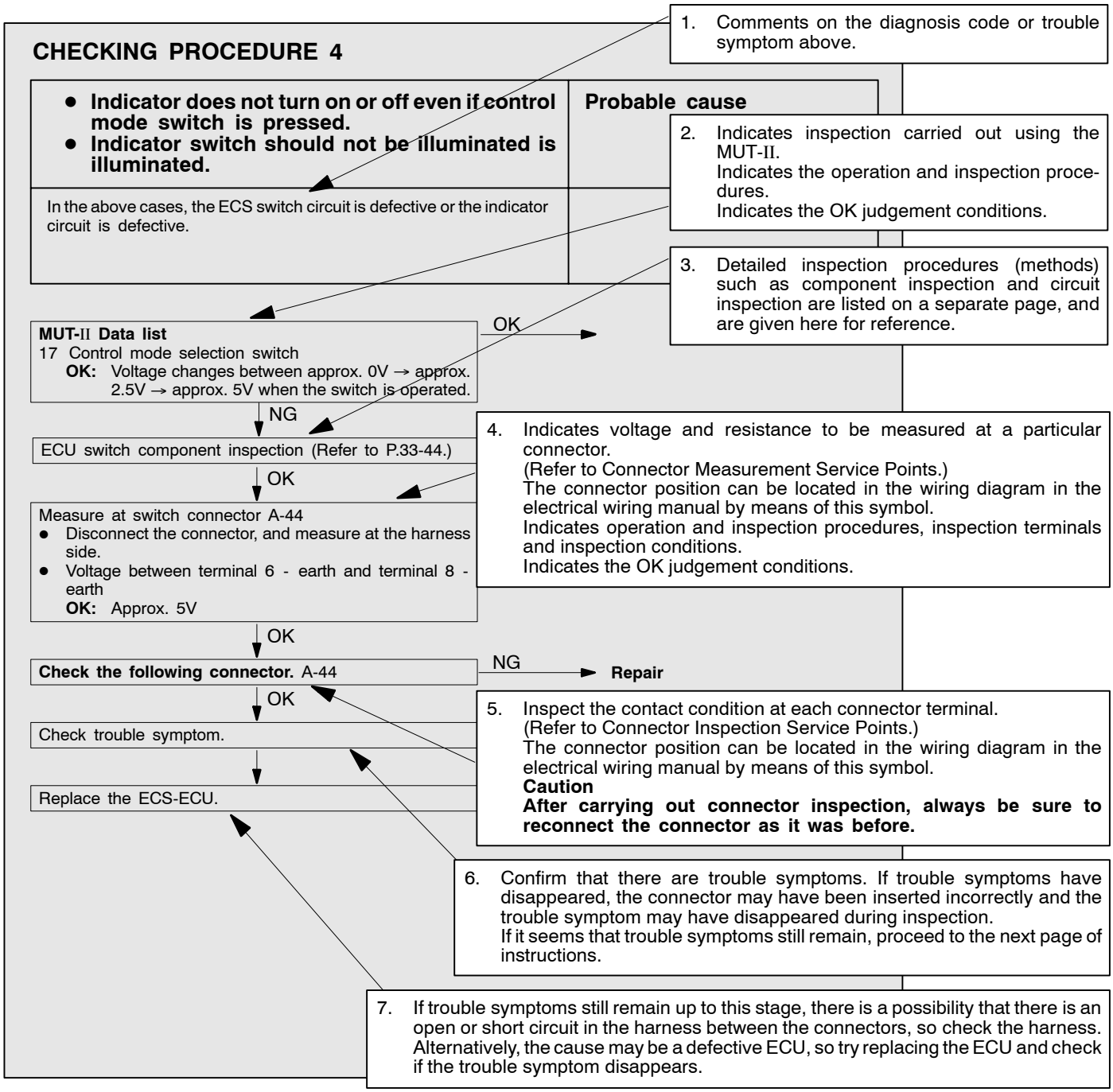
(2) If the MUT-II buzzer sounds once when each switch is operated (ON/OFF), the input signal for that switch circuit system is normal.

WHEN USING A VOLTMETER

(1) Use the special tool to connect the ETACS terminal (terminal 9) and the earth terminals (terminals 4 and 5) of the diagnosis connector to the voltage meter.
(2) If the needle of the voltage meter flickers once when each switch is operated (ON/OFF), the input signal for that switch circuit system is normal.

HOW TO USE THE INSPECTION PROCEDURES

The causes of a high frequency of problems occurring in electronic circuitry are generally the connectors, components, the ECU and the harnesses between connectors, in that order. These inspection procedures follow this order, and they first try to discover a problem with a connector or a defective component.



HARNESS INSPECTION

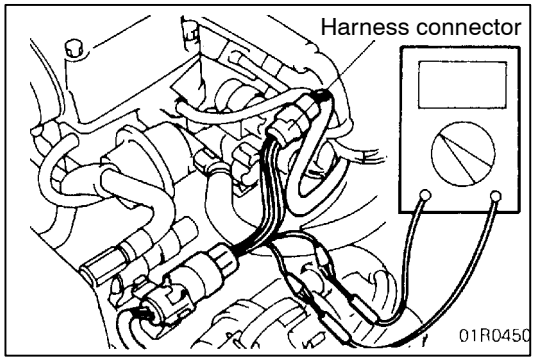
Check for an open or short circuit in the harness between the terminals which were defective according to the connector measurements. Carry out this inspection while referring to the electrical wiring manual. Here, “Check harness between power supply and terminal xx” also includes checking for blown fuses. For inspection service points when there is a blown fuse, refer to “Inspection Service Points for a Blown Fuse.”

MEASURES TO TAKE AFTER REPLACING THE ECU

If the trouble symptoms have not disappeared even after replacing the ECU, repeat the inspection procedure from the beginning.

CONNECTOR MEASUREMENT SERVICE POINTS

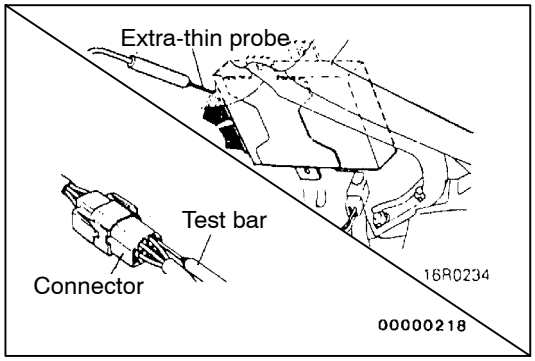
Turn the ignition switch to OFF when connecting disconnecting the connectors, and turn the ignition switch to ON when measuring if there are no instructions to be contrary.



IF INSPECTING WITH THE CONNECTOR CONNECTED (WITH CIRCUIT IN A CONDITION OF CONTINUITY)

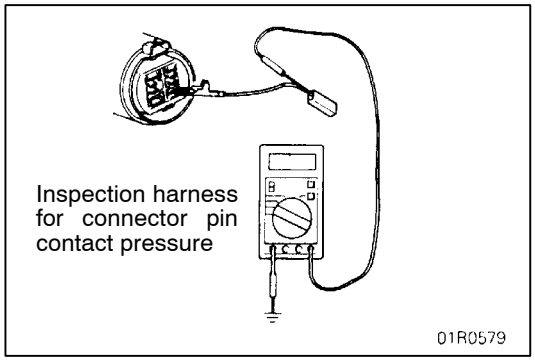
Waterproof Connectors

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.



Ordinary (non-waterproof) Connectors

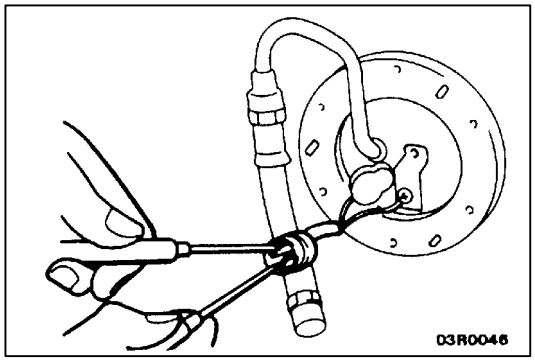
Check by inserting the test bar from the harness side. Note that if the connector (control unit, etc.) is too small to permit insertion of the test bar, it should not be forced; use a special tool (the extra-thin probe in the harness set for checking for this purpose.



IF INSPECTING WITH THE CONNECTOR DISCONNECTED

<When Inspecting a Female Pin>

Use the special tool (inspection harness for connector pin contact pressure in the harness set for inspection).
The inspection harness for connector pin contact pressure should be used. the test bar should never be forcibly inserted, as it may cause a defective contact.

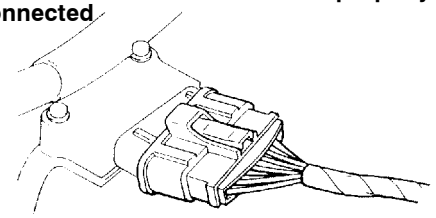


<When Inspecting a Male Pin>

Touch the pin directly with the test bar.

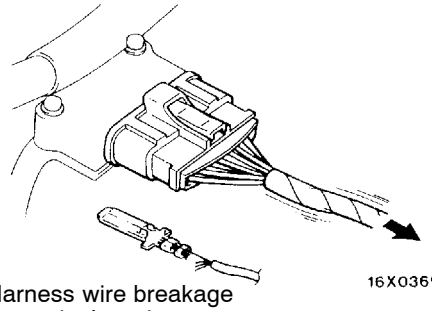
Caution
At this time, be careful not to short the connector pins with the test bars. To do so may damage the circuits inside the ECU.

Connector disconnected or improperly connected



16S0256

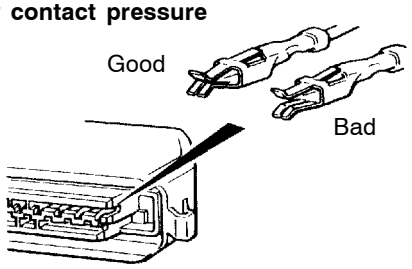
Defective connector contact



16X0369

Harness wire breakage at terminal section

Low contact pressure

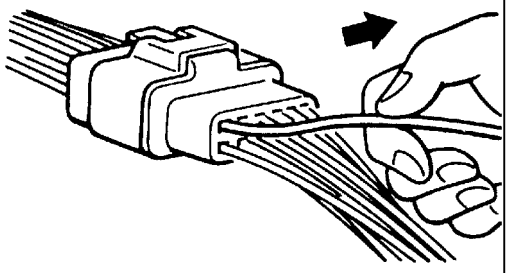


16S0254
00000219

CONNECTOR INSPECTION

VISUAL INSPECTION

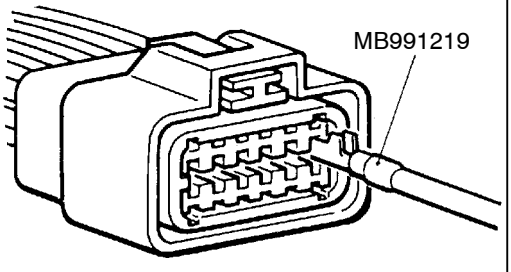
- Connector is disconnected or improperly connected
- Connector pins are pulled out
- Due to harness tension at terminal section
- Low contact pressure between male and female terminals
- Low connection pressure due to rusted terminals or foreign matter lodged in terminals



16R1317

CONNECTOR PIN INSPECTION

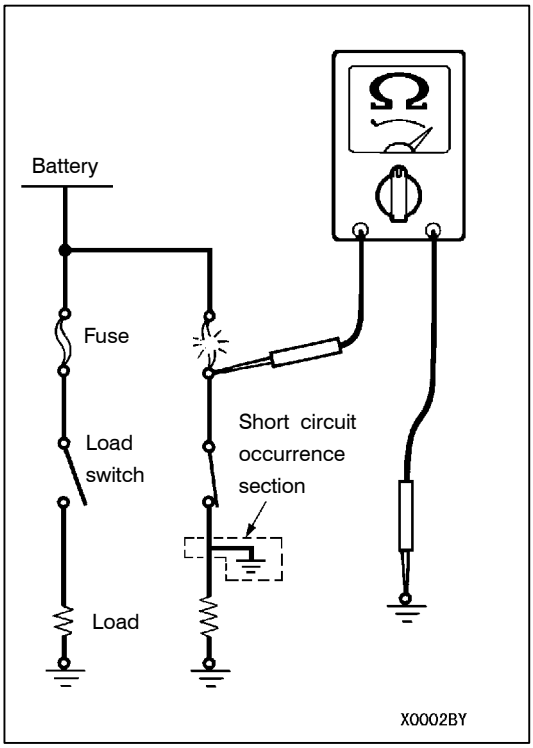
If the connector pin stopper is damaged, the terminal connections (male and female pins) will not be perfect even if the connector body is connected, and the pins may pull out of the reverse side of the connector. Therefore, gently pull the harnesses one by one to make sure that no pins pull out of the connector.



16R1318

CONNECTOR ENGAGEMENT INSPECTION

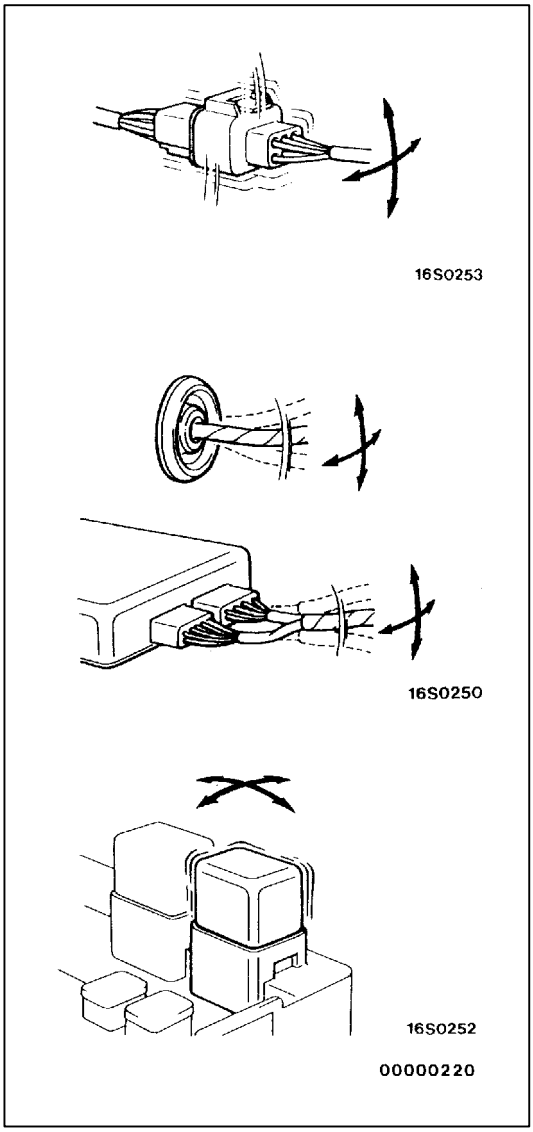
Use the special tool (connector pin connection pressure inspection harness of the inspection harness set) to inspect the engagement of the male pins and females pins. (Pin drawing force : 1 N or more)



INSPECTION SERVICE POINTS FOR A BLOWN FUSE

Remove the blown fuse and measure the resistance between the load side of the blown fuse and the earth. Set the switches of all circuits which are connected to this fuse to a condition of continuity. If the resistance is almost 0 Ω at this time, there is a short somewhere between these switches and the load. If the resistance is not 0 Ω, there is no short at the present time, but a momentary short has probably caused the fuse to blow.

The main causes of a short circuit are the following.
- Harness being clamped by the vehicle body
- Damage to the outer casing of the harness due to wear or heat
- Water getting into the connector or circuitry
- Human error (mistakenly shorting a circuit, etc.)



POINTS TO NOTE FOR INTERMITTENT MALFUNCTIONS

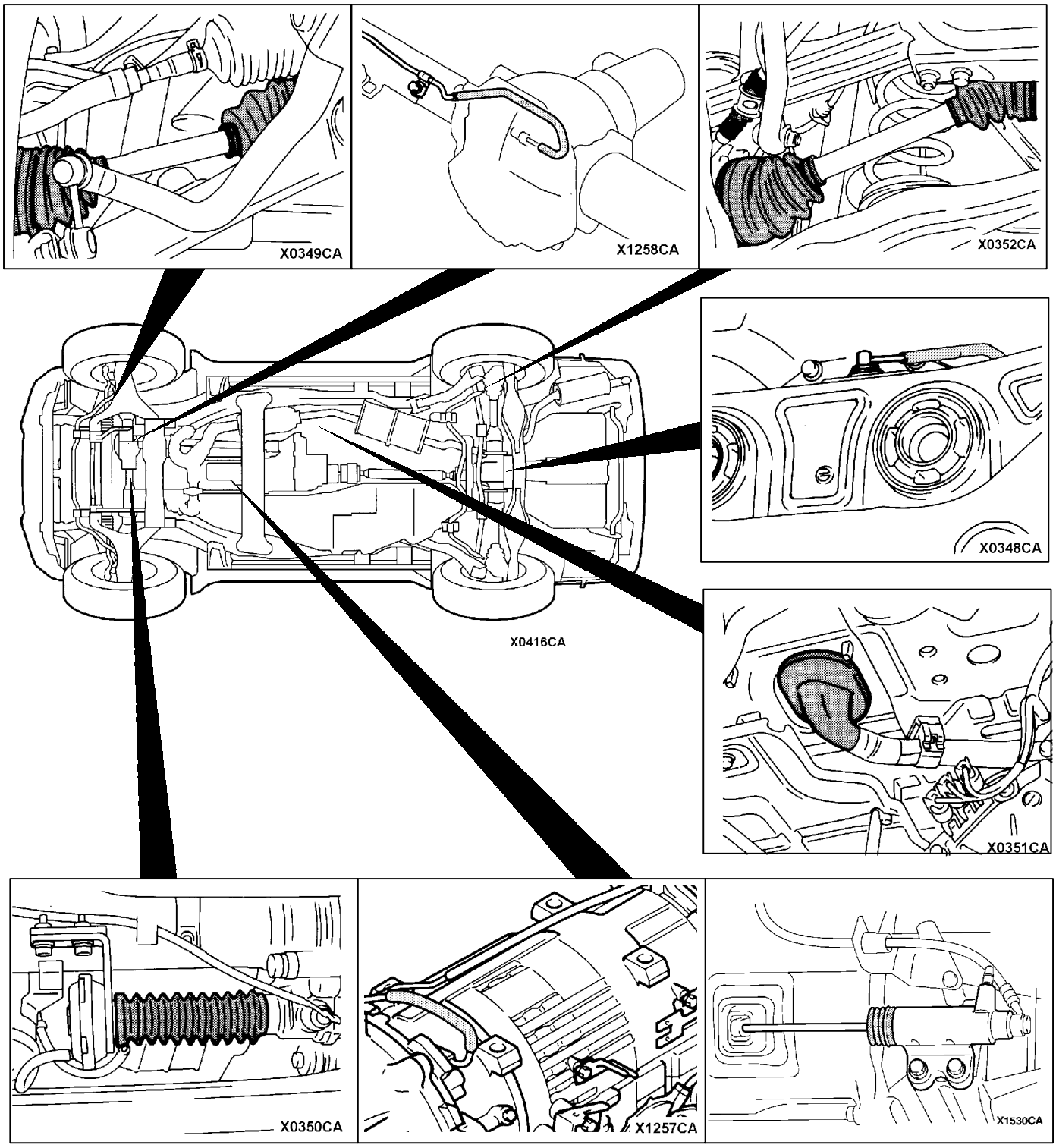
Intermittent malfunctions often occur under certain conditions, and if these conditions can be ascertained, determining the cause becomes simple. In order to ascertain the conditions under which an intermittent malfunction occurs, first ask the customer for details about the driving conditions, weather conditions, frequency of occurrence and trouble symptoms, and then try to recreate the trouble symptoms. Next, ascertain whether the reason why the trouble symptom occurred under these conditions is due to vibration, temperature or some other factor. If vibration is thought to be the cause, carry out the following checks with the connectors and components to confirm whether the trouble symptom occurs.
The objects to be checked are connectors and components which are indicated by inspection procedures or given as probable causes (which generates diagnosis codes or trouble symptoms.)
- Gently shake the connector up, down and to the left and right.
- Gently shake the wiring harness up, down and to the left and right.
- Gently rock each sensor and relay, etc. by hand.
- Gently shake the wiring harness at suspensions and other moving parts.

NOTE
If determining the cause is difficult, the flight recorder function of the MUT-II can also be used.

TREATMENT BEFORE/AFTER FORDING A STREAM

INSPECTION AND SERVICE BEFORE FORDING A STREAM

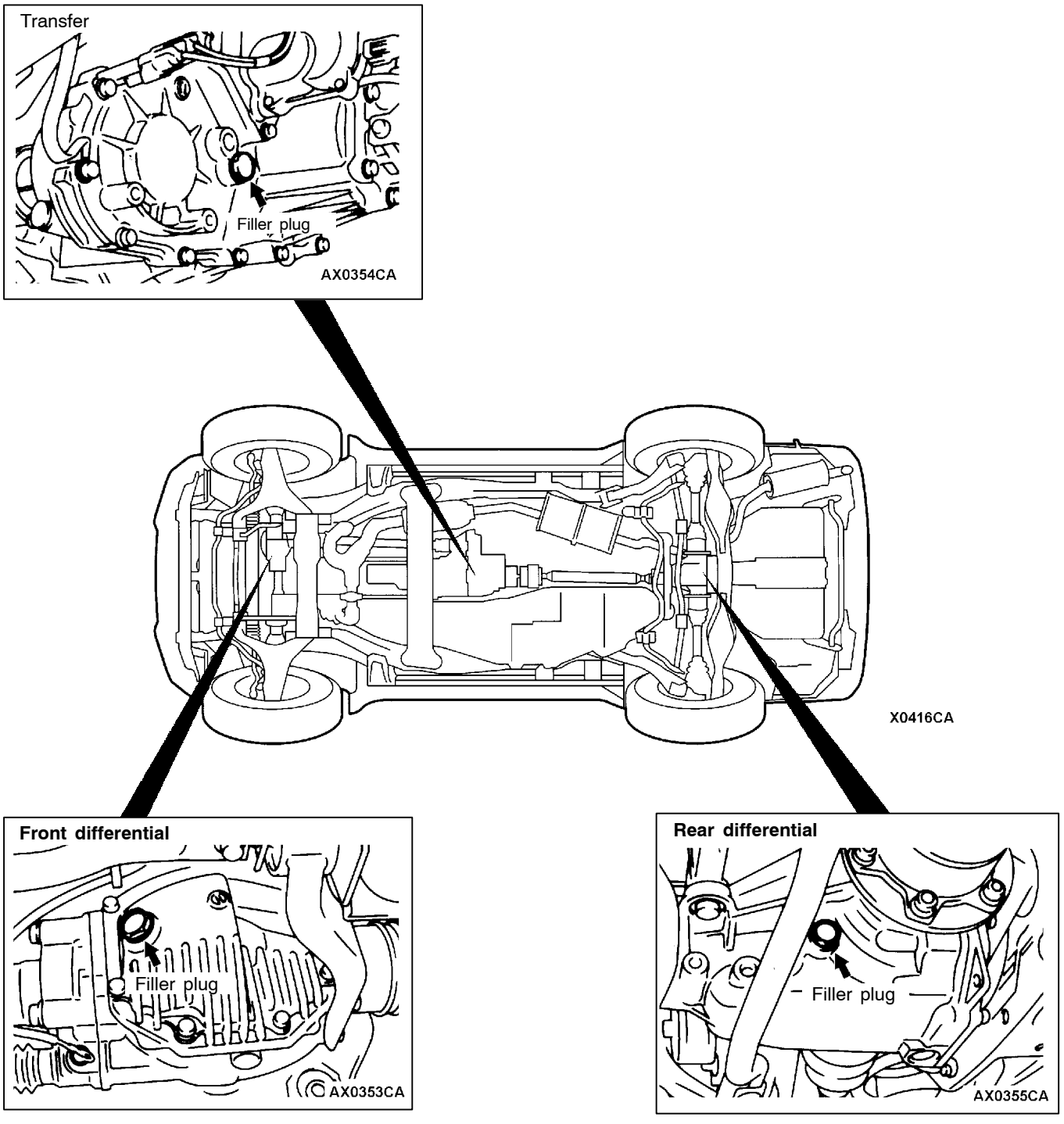
- Vehicles which are driven through water, or which may possibly be driven through water, should be subjected to the following inspections and maintenance procedures in advance.
- Inspect the dust boot and breather hose for cracks or damage, and replace them if cracks or damage are found.

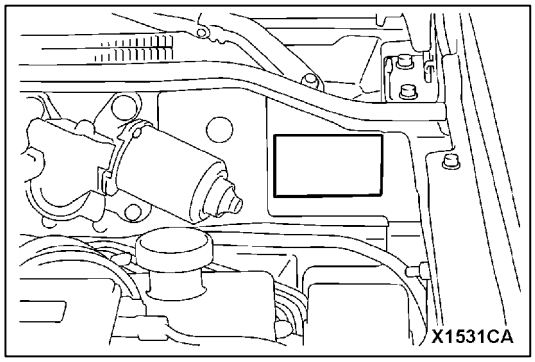


INSPECTION AND SERVICE AFTER FORDING A STREAM

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



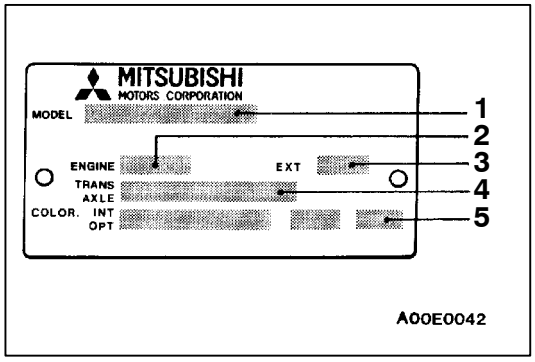


VEHICLE IDENTIFICATION

VEHICLE INFORMATION CODE PLATE

LOCATION

Vehicle information code plate is riveted on the toeboard inside the engine compartment.



CODE PLATE DESCRIPTION

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

No.	Item	Contents	
1	MODEL	V65W MYHCL6	V65W: Vehicle model
			MYHCL6: Model series
2	ENGINE	6G74GDI	Engine model
3	EXT	S74B	Exterior code
4	TRANS AXLE	V5A51	Transmission code
5	COLOR INT OPT	S74 15Q Z06	S74: Body colour code
			15Q: Interior code
			Z06: Equipment 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.

MODELS

<Short wheelbase>

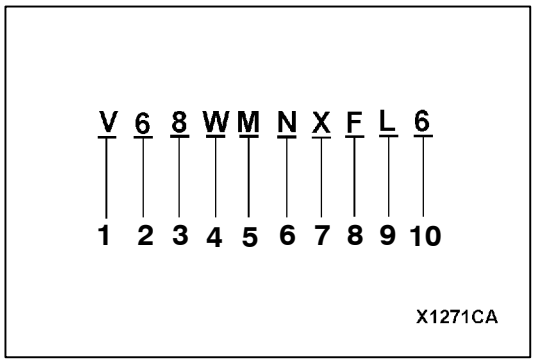
Model code		Engine model	Transmission model	Fuel supply system
V64W	MNDFL6	4D56 Intercooler Turbo (2,477 mL)	V5MT1 <5M/T>	Inyection
	MNHFL6		V5M31 <5M/T>	
	MNHFR6			
	MNXFL6			
	MNXFR6			

Model code		Engine model	Transmission model	Fuel supply system
V68W	MNDFL6	4M41-DOHC Intercooler Turbo (3,200 mL)	V5M31 <5M/T>	Electronically-controlled high pressure fuel distribution
	MNHFL6			
	MYHFL6		V5A51 <5A/T>	
	MNXFL6		V5M31 <5M/T>	
	MNXFR6			
	MYXFL6		V5A51 <5A/T>	
	MYXFR6			
V65W	MNHCL6	6G74GDI (3,496 mL)	V5M31 <5M/T>	GDI
	MNHCR6			
	MYHCL6		V5A51 <5A/T>	
	MYHCR6			
	MNXCL6		V5M31 <5M/T>	
	MNXCR6			
	MYXCL6		V5A51 <5A/T>	
	MYXCR6			

<Long wheelbase>

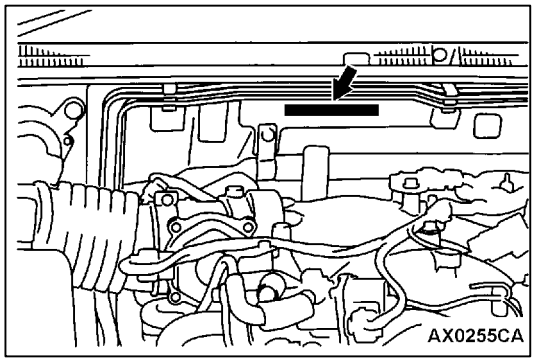
Model code		Engine model	Transmission model	Fuel supply system
V74W	LNDFL6	4D56 Intercooler Turbo (2,477 mL)	V5MT1 <5M/T>	Inyection
	LNHFL6		V5M31 <5M/T>	
	LNXFL6			
V78W	LNDFL6	4M41-DOHC Intercooler Turbo (3,200 mL)	V5M31 <5M/T>	Electronically-controlled high pressure fuel distribution
	LNHFL6			
	LNHFR6			
	LYHFL6		V5A51 <5A/T>	
	LYHFR6			
	LNXFL6		V5M31 <5M/T>	
	LNXFR6			
	LYXFL6		V5A51 <5A/T>	
	LYXFR6			

Model code		Engine model	Transmission model	Fuel supply system
V75W	LNHCL6	6G74GDI (3,496 mL)	V5M31 <5M/T>	GDI
	LNHCR6			
	LYHCL6		V5A51 <5A/T>	
	LYHCR6			
	LNXCL6		V5M31 <5M/T>	
	LNXCR6			
	LYXCL6		V5A51 <5A/T>	
	LYXCR6			



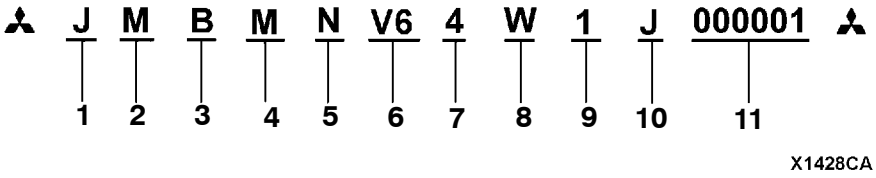
MODEL CODE

No.	Items	Contents
1	Development	V: MITSUBISHI PAJERO
2	wheelbase	6: Short wheelbase 7: Long wheelbase
3	Engine type	4: 2,477 mL diesel engine 5: 3,496 mL petrol engine 8: 3,200 mL diesel engine
4	Sort	W: Wagon
5	Body style	M: 3-door L: 5-door
6	Transmission type	N: 5-speed manual transmission Y: 5-speed automatic transmission
7	Trim level	D: GL H: GLX X: GLS
8	Specification engine feature	C: GDI F: Intercooler Turbocharger
9	Steering wheel location	L: Left hand R: Right hand
10	Destination	6: For Europe

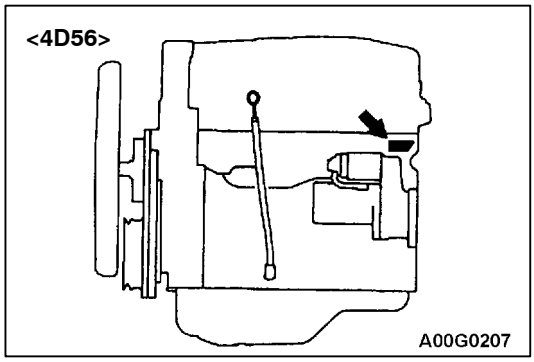


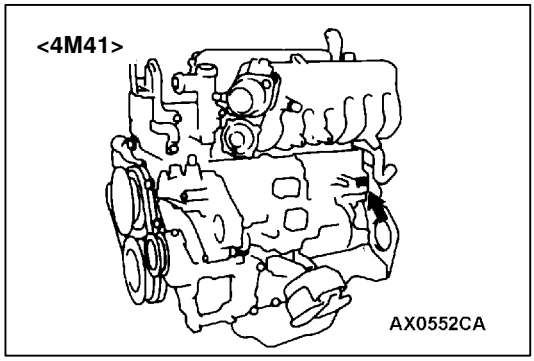
CHASSIS NUMBER

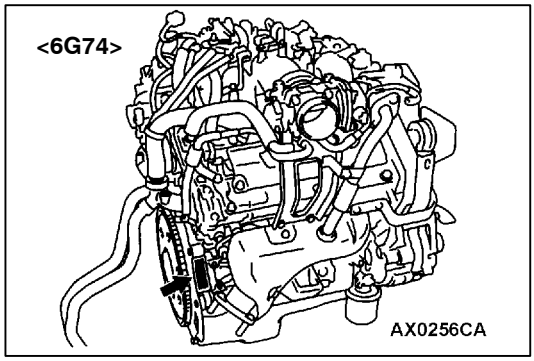
The chassis number is stamped on the toeboard inside the engine compartment.



No.	Items		Contents
1	Fixed figure	J	Asia
2	Distribution channel	M	Japan channel
3	Destination	A	For Europe, right hand drive
		B	For Europe, left hand drive
4	Body style	M	3-door
		L	5-door
5	Transmission type	N	5-speed manual transmission
		Y	5-speed automatic transmission
6	Development order	V6	MITSUBISHI PAJERO short wheelbase
		V7	MITSUBISHI PAJERO long wheelbase
7	Engine	4	4D56: 2,477 mL diesel engine
		5	6G74: 3,496 mL petrol engine
		8	4M41: 3,200 mL diesel engine
8	Sort	W	Station wagon
9	Model year	1	2001
10	Plant	J	Nagoya-3
11	Serial number	-	-







ENGINE MODEL NUMBER

1. The engine model number is stamped at the cylinder block as shown in the following.

Engine model	Engine displacement mL
4D56	2,477
4M41	3,200
6G74	3,496

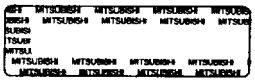
2. The engine serial number is stamped near the engine model number.

Engine serial number	AA0201 to YY9999

THEFT PROTECTION LABEL

FOR MAIN OUTER PANELS

[FOR ORIGINAL PARTS]



[FOR REPLACEMENT PARTS]

X1629CA

THEFT PROTECTION<R.H.D.>

In order to protect against theft, a Vehicle Identification Number (VIN) is attached as a plate or label to the following major parts of the main outer panels:

Fender, Doors, Back door, Quarter panel, Hood, Bumpers

In addition, a theft-protection label is attached to replacement parts for the body outer panel main components.

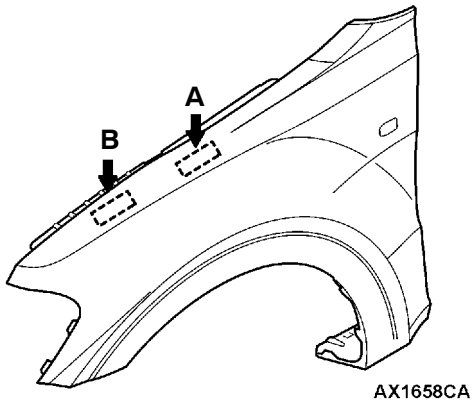
Cautions regarding panel repairs:

1. **When repainting original parts, do so after first masking the theft-protection label, and, after painting, be sure to peel off the masking tape.**
2. **The theft-protection label for replacement parts is covered by masking tape, so such parts can be painted as is. The masking tape should be removed after painting is finished.**
3. **The theft-protection label should not be removed from original parts or replacement parts.**

LOCATIONS

TARGET AREA (A: FOR ORIGINAL EQUIPMENT PARTS, B: FOR REPLACEMENT PARTS)

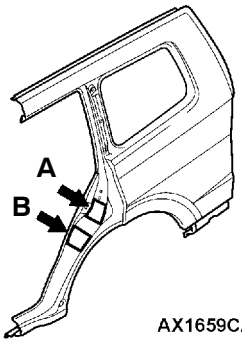
Fender



AX1658CA

The illustration indicates left outer side. Right side is symmetrically opposite.

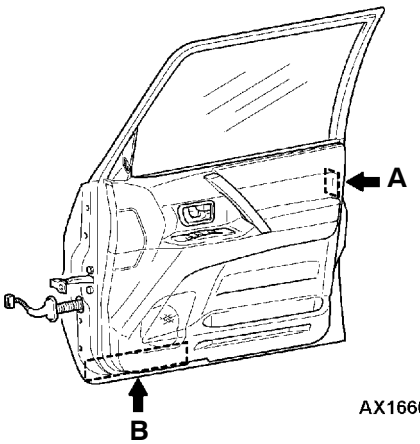
Quarter panel



AX1659CA

The illustration indicates left outer side. Right side is symmetrically opposite.

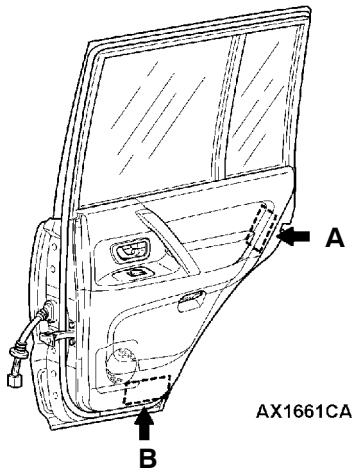
Front door



AX1660CA

The illustration indicates right outer side.
Left side is symmetrically opposite.

Rear door

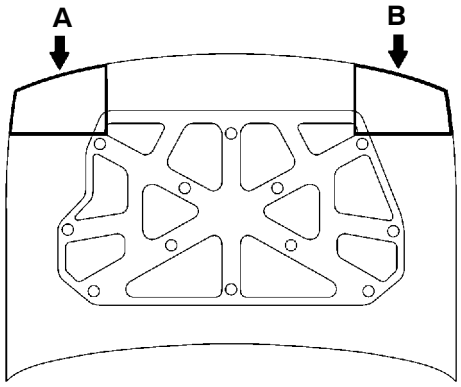


AX1661CA

The illustration indicates right outer side.
Left side is symmetrically opposite.

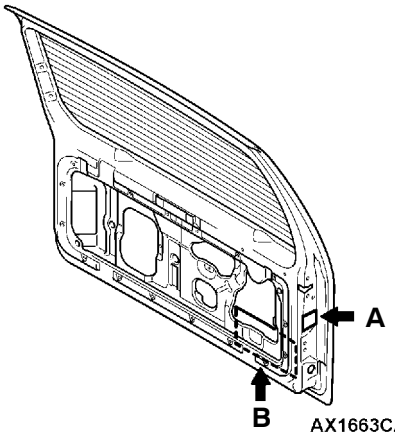
TARGET AREA (A: FOR ORIGINAL EQUIPMENT PARTS, B: FOR REPLACEMENT PARTS)

Hood



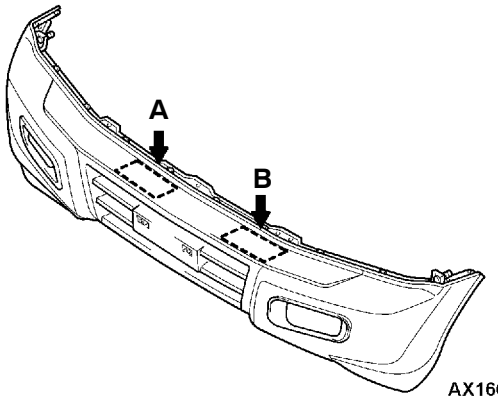
AX1662CA

Back door



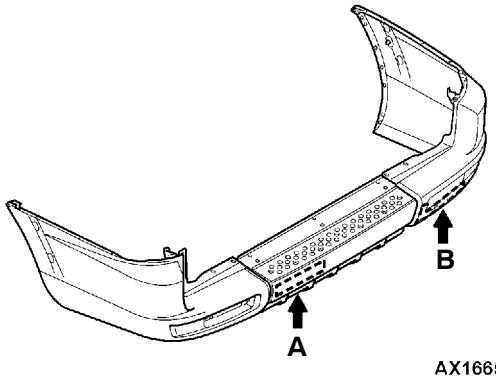
AX1663CA

Front bumper



AX1664CA

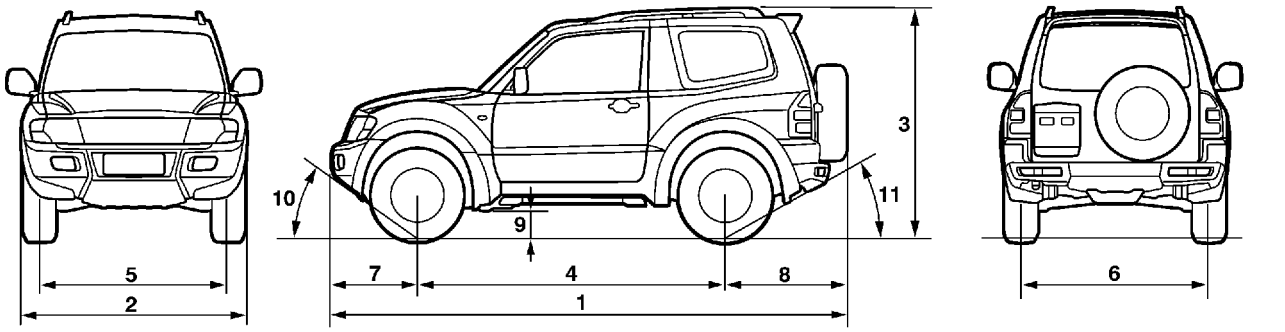
Rear bumper



AX1665CA

MAJOR SPECIFICATIONS

<Short wheelbase>



Items			V64W			V68W	
			MNDFL6	MNHFL6, MNHFR6	MNXFL6, MNXFR6	MNDFL6	MNHFL6
Vehicle dimensions mm	Overall length	1	4,260		4,280	4,260	
	Overall width	2	1,845		1,875	1,845	
	Overall height (unladen)	3	1,845,1,875*1				
	Wheelbase	4	2,545				
	Track-front	5	1,560				
	Track-rear	6	1,560				
	Overhang-front	7	710				
	Overhang-rear	8	1,005*2, 1,025*3				
	Ground clearance (unladen)	9	235			225	
	Angle of approach degrees	10	42*				
	Angle of departure degrees	11	33.5*				
Vehicle weight kg	Kerb weight		1,865	1,900	1,920	1,975	1,980
	Max. gross vehicle weight		2,510				
	Max. axle weight rating-front		1,070	1,090	1,100	1,165	
	Max. axle weight rating-rear		1,440	1,420	1,410	1,345	
Seating capacity			5				
Engine	Model No.		4D56 Intercooler Turbo			4M41-DOHC Intercooler Turbo	
	Total displacement mL		2,477			3,200	
Transmis-sion	Model No.		V5MT1	V5M31			
	Type		5-speed manual				
Fuel system	Fuel supply system		Inyection			Electronically-controlled high pressure fuel distribution	

NOTE:
*1: Vehicles with roof rails
*2: Vehicles with 235/80R16 Tyre
*3: Vehicles with 265/70R16 Tyre

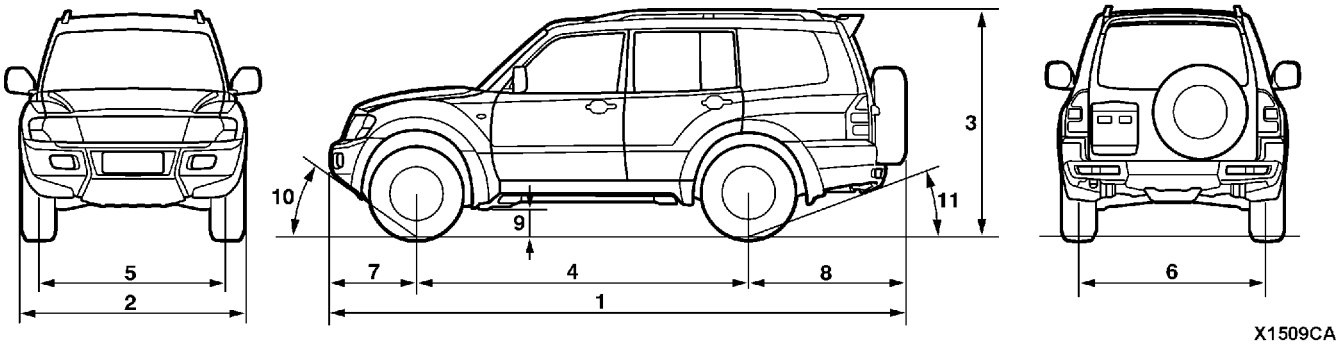
Items			V68W			V65W	
			MYHFL6	MNXFL6, MNXFR6	MYXFL6, MYXFR6	MNHCL6, MNHCR6	MYHCL6, MYHCR6
Vehicle dimensions mm	Overall length	1	4,260	4,280			
	Overall width	2	1,845	1,875		1,845	
	Overall height (unladen)	3	1,845,1,875*1				
	Wheelbase	4	2,545				
	Track-front	5	1,560				
	Track-rear	6	1,560				
	Overhang-front	7	710				
	Overhang-rear	8	1,005*2, 1,025*3				
	Ground clearance (unladen)	9	225			235	
	Angle of approach degrees	10	42*				
	Angle of departure degrees	11	33.5*				
Vehicle weight kg	Kerb weight		1,980	2,000		1,915	
	Max. gross vehicle weight		2,510				
	Max. axle weight rating-front		1,165	1,170		1.075	
	Max. axle weight rating-rear		1,345	1,340		1,435	
Seating capacity			5				
Engine	Model No.		4M41-DOHC Intercooler Turbo			6G74GDI	
	Total displacement mL		3,200			3,496	
Transmis-sion	Model No.		V5A51	V5M31	V5A51	V5M31	V5A51
	Type		5-speed automatic	5-speed manual	5-speed automa-tic	5-speed manual	5-speed automatic
Fuel system	Fuel supply system		Electronically-controlled high pressure fuel distribution			GDI	

NOTE:
*1: Vehicles with roof rails
*2: Vehicles with 235/80R16 Tyre
*3: Vehicles with 265/70R16 Tyre

Items			V65W	
			MNXCL6, MNXCR6	MYXCL6, MYXCR6
Vehicle dimensions mm	Overall length	1	4,280	
	Overall width	2	1,875	
	Overall height (unladen)	3	1,845,1,875*1	
	Wheelbase	4	2,545	
	Track-front	5	1,560	
	Track-rear	6	1,560	
	Overhang-front	7	710	
	Overhang-rear	8	1,005*2, 1,025*3	
	Ground clearance (unladen)	9	235	
	Angle of approach degrees	10	42*	
	Angle of departure degrees	11	33.5*	
Vehicle weight kg	Kerb weight		1,935	
	Max. gross vehicle weight		2,510	
	Max. axle weight rating-front		1,080	
	Max. axle weight rating-rear		1,430	
Seating capacity			5	
Engine	Model No.		6G74GDI	
	Total displacement mL		3,496	
Transmis-sion	Model No.		V5M31	V5A51
	Type		5-speed manual	5-speed automatic
Fuel system	Fuel supply system		GDI	

NOTE:
*1: Vehicles with roof rails
*2: Vehicles with 235/80R16 Tyre
*3: Vehicles with 265/70R16 Tyre

<Long wheelbase>



Items			V74W			V78WL	
			LNDFL6	LNHFL6	LNXFL6	LNDFL6	LNHFL6, LNHFR6
Vehicle dimensions mm	Overall length	1	4,775		4,795	4,775	
	Overall width	2	1,845		1,875	1,845	
	Overall height (unladen)	3	1,855,1,885*1				
	Wheelbase	4	2,780				
	Track-front	5	1,560				
	Track-rear	6	1,560				
	Overhang-front	7	710				
	Overhang-rear	8	1,285*2, 1,305*3				
	Ground clearance (unladen)	9	235			225	
	Angle of approach degrees	10	42*				
	Angle of departure degrees	11	24*				
Vehicle weight kg	Kerb weight		2,015	2,055	2,090	2,120	2,125
	Max. gross vehicle weight		2,760				
	Max. axle weight rating-front		1,110	1,110	1,125	1,160	
	Max. axle weight rating-rear		1,650	1,650	1,635	1,600	
Seating capacity			7				
Engine	Model No.		4D56 Intercooler Turbo			4M41-DOHC Intercooler Turbo	
	Total displacement mL		2,477			3,200	
Transmis-sion	Model No.		V5MT1	V5M31			
	Type		5-speed manual				
Fuel system	Fuel supply system		Inyection			Electronically-controlled high pressure fuel distribution	

NOTE:
*1: Vehicles with roof rails
*2: Vehicles with 235/80R16 Tyre
*3: Vehicles with 265/70R16 Tyre

Items			V78W			V75W	
			LYHFL6, LYHFR6	LNXFL6, LNXFR6	LYXFL6, LYXFR6	LNHCL6, LNHCR6	LYHCL6, LYHCR6
Vehicle dimensions mm	Overall length	1	4,775	4,795			
	Overall width	2	1,845	1,875		1,845	
	Overall height (unladen)	3	1,855,1,885*1				
	Wheelbase	4	2,780				
	Track-front	5	1,560				
	Track-rear	6	1,560				
	Overhang-front	7	710				
	Overhang-rear	8	1,285*2, 1,305*3				
	Ground clearance (unladen)	9	225			235	
	Angle of approach degrees	10	42*				
	Angle of departure degrees	11	24*				
Vehicle weight kg	Kerb weight		2,125	2,155		2,060	
	Max. gross vehicle weight		2,760		2,800	2,760	
	Max. axle weight rating-front		1,160			1,110	
	Max. axle weight rating-rear		1,600			1,650	
Seating capacity			7				
Engine	Model No.		4M41-DOHC Intercooler Turbo			6G74GDI	
	Total displacement mL		3,200			3,496	
Transmis-sion	Model No.		V5A51	V5M31	V5A51	V5M31	V5A51
	Type		5-speed automatic	5-speed manual	5-speed auto-matic	5-speed manual	5-speed automatic
Fuel system	Fuel supply system		Electronically-controlled high pressure fuel distribution			GDI	

NOTE:
*1: Vehicles with roof rails
*2: Vehicles with 235/80R16 Tyre
*3: Vehicles with 265/70R16 Tyre

Items			V75W	
			LNXCL6, LNXCR6	LYXCL6, LYXCR6
Vehicle dimensions mm	Overall length	1	4,795	
	Overall width	2	1,875	
	Overall height (unladen)	3	1,855,1,885*1	
	Wheelbase	4	2,780	
	Track-front	5	1,560	
	Track-rear	6	1,560	
	Overhang-front	7	710	
	Overhang-rear	8	1,285*2, 1,305*3	
	Ground clearance (unladen)	9	235	
	Angle of approach degree	10	42*	
	Angle of departure degree)	11	24*	
Vehicle weight kg	Kerb weight		2,095	
	Max. gross vehicle weight		2,760	
	Max. axle weight rating-front		1,110	
	Max. axle weight rating-rear		1,650	
Seating capacity			7	
Engine	Model No.		6G74GDI	
	Total displacement mL		3,496	
Transmis-sion	Model No.		V5M31	V5A51
	Type		5-speed manual	5-speed automatic
Fuel system	Fuel supply system		GDI	

NOTE:
*1: Vehicles with roof rails
*2: Vehicles with 235/80R16 Tyre
*3: Vehicles with 265/70R16 Tyre