

GROUP 00

GENERAL

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VEHICLE IDENTIFICATION

MODELS

M1001000307773

Model code		Engine model	Transmission model	Fuel system
KH4W	GNMZLAZ	4D56 (2,477 mL) DOHC DI-D (Direct Injection-Diesel) high-power engine with intercooled turbocharger	V5MB1 (Super select 4WD, 5M/T)	Common rail fuel injection (Electrical fuel injection)
	GYPZLAZ		V5A5A (Super select 4WD, 5A/T)	
	GYUZLAZ			
	GYMZLAZ			
KH6W	GYPYLAZ	6B31 (2,998 mL) SOHC MIVEC petrol engine		MPI
	GYUYLAZ			
	GYMYLAZ			

MODEL CODE

K H 4 W G Y P Z L A Z

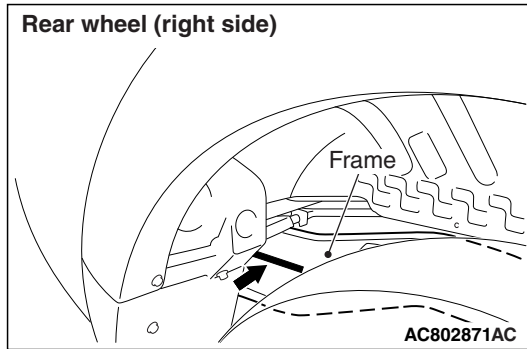
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 1 2 3 4 5 6 7 8 9 10

ACD01887AB

No.	Item	Content	
1	Development	K	PAJERO SPORT
2	Drive system	H	4WD
3	Engine	4	2.5L (4D5) diesel engine
		6	3.0L (6B3) petrol engine
4	Vehicle type	W	Station wagon
5	Body style	G	Wide fender
6	Transmission type	N	5M/T
		Y	5A/T
7	Trim level (Price class)	M	M-line
		P	P-line
		U	U-line
8	Engine specification	Y	MIVEC (SOHC)
		Z	Common rail (Intercooled turbocharger)
9	Steering wheel location	L	Left hand
10	Destination	AZ	Vehicles for Russia (PCMA-Rus manufactured vehicles)

**VEHICLE IDENTIFICATION NUMBER
(CHASSIS NUMBER)**

M1001005603506



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

CODE CHART

▲ Z 8 T X Y K H 4 W D M 9 0 0 0 0 1 ▲

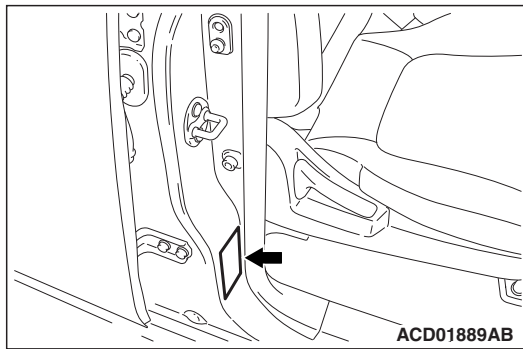
1
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6
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9

ACD01899AB

No.	Item	Content	
1	World Manufacturer Identifier (WMI)	Z8T	PCMA-Rus
2	Body type	X	4-door with hatchback-type tailgate
3	Transmission	N	5M/T
		Y	5A/T
4	Car line and development order	KH	PAJERO SPORT – 4WD
5	Engine	4	2.5L diesel engine
		6	3.0L petrol engine
6	Vehicle type	W	Station wagon
7	Model year	D	2013
8	Assembly plant	M	Kaluga (PCMA-Rus)
9	Serial number	900001 to 940000	

CERTIFICATION LABEL

M1001017300406



The certification label is attached to the centre pillar of the right side.

CODE CHART

MODEL:	<input type="text" value="1"/>	000 "ПСМА Рус"
ENGINE:	<input type="text" value="2"/> EXT: <input type="text" value="3"/>	<input type="text" value="9"/>
TRANS:	<input type="text" value="4"/>	<input type="text" value="10"/>
AXLE:	<input type="text" value="5"/>	<input type="text" value="11"/> k g
COLOR:	<input type="text" value="6"/>	<input type="text" value="12"/> k g
INT.:	<input type="text" value="7"/>	1- <input type="text" value="13"/> k g
OPT.:	<input type="text" value="8"/>	2- <input type="text" value="14"/> k g

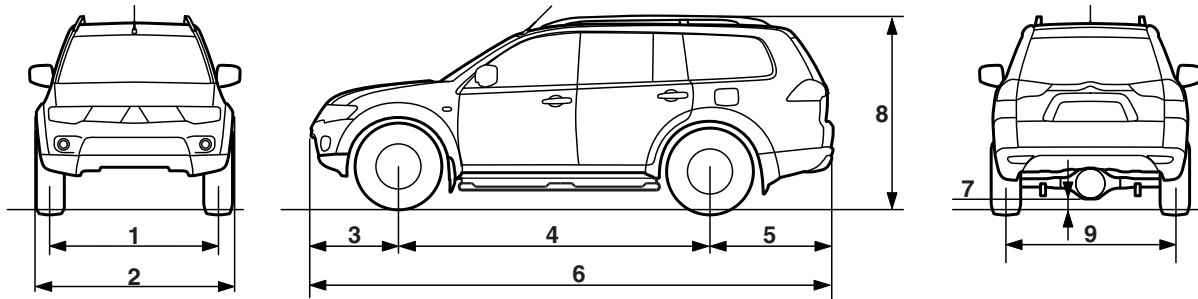
ACD01892AB

No.	Content
1	Model code
2	Engine model code
3	Exterior code
4	Transmission model code
5	Rear axle gear ratio
6	Body colour code
7	Interior code
8	Option code
9	Approval number
10	Chassis number
11	Gross vehicle weight
12	Gross combination weight
13	Axle weight rating-front
14	Axle weight rating-rear

GENERAL DATA AND SPECIFICATIONS

GENERAL DATA AND SPECIFICATIONS

M1001000908228



ACD02041AB

Item		KH4W		
			GNMZLAZ	GYPZLAZ
Vehicle dimension mm	Front track	1	1,520	1,520
	Overall width	2	1,815	1,815
	Front overhang	3	795	795
	Wheel base	4	2,800	2,800
	Rear overhang	5	1,100	1,100
	Overall length	6	4,695	4,695
	Ground clearance (unladen)	7	215	215
	Overall height (unladen)	8	1,840	1,840
	Rear track	9	1,515	1,515
Vehicle weight kg	Kerb weight		2,045	2,070
	Gross vehicle weight		2,710	2,710
	Gross axle weight rating-front		1,260	1,260
	Gross axle weight rating-rear		1,600	1,600
	Gross combination weight		5,210	5,210
Seating capacity			5	5
Engine	Model code		4D56	4D56
	Type		DOHC High-power diesel Intercooled, Turbocharger	DOHC High-power diesel Intercooled, Turbocharger
	Total displacement mL		2,477	2,477
	Max. output <EEC> kW/r/min		131/4,000	131/4,000
	Max. torque <EEC> N·m/r/min		400/2,000 - 2,850	350/1,800 - 3,500
Fuel system	Fuel supply system		Electrical fuel injection	Electrical fuel injection
Transmission	Model code		V5MB1	V5A5A
	Type		Super select 4WD, 5M/T	Super select 4WD, 5A/T
Turning radius m	Body		5.9	5.9
	Wheel		5.6	5.6

Item			KH4W	
			GYUZLAZ	GYMZLAZ
Vehicle dimension mm	Front track	1	1,520	1,520
	Overall width	2	1,815	1,815
	Front overhang	3	795	795
	Wheel base	4	2,800	2,800
	Rear overhang	5	1,100	1,100
	Overall length	6	4,695	4,695
	Ground clearance (unladen)	7	215	215
	Overall height (unladen)	8	1,840	1,840
	Rear track	9	1,515	1,515
Vehicle weight kg	Kerb weight		2,070	2,040
	Gross vehicle weight		2,710	2,710
	Gross axle weight rating-front		1,260	1,260
	Gross axle weight rating-rear		1,600	1,600
	Gross combination weight		5,210	5,210
Seating capacity			5	5
Engine	Model code		4D56	4D56
	Type		DOHC High-power diesel Intercooled, Turbocharger	DOHC High-power diesel Intercooled, Turbocharger
	Total displacement mL		2,477	2,477
	Max. output <EEC> kW/r/min		131/4,000	131/4,000
	Max. torque <EEC> N·m/r/min		350/1,800 - 3,500	350/1,800 - 3,500
Fuel system	Fuel supply system		Electrical fuel injection	Electrical fuel injection
Transmission	Model code		V5A5A	V5A5A
	Type		Super select 4WD, 5A/T	Super select 4WD, 5A/T
Turning radius m	Body		5.9	5.9
	Wheel		5.6	5.6

**GENERAL
GENERAL DATA AND SPECIFICATIONS**

00-7

Item			KH6W	
			GYPYLAZ	GYUYLAZ
Vehicle dimension mm	Front track	1	1,520	1,520
	Overall width	2	1,815	1,815
	Front overhang	3	795	795
	Wheel base	4	2,800	2,800
	Rear overhang	5	1,100	1,100
	Overall length	6	4,695	4,695
	Ground clearance (unladen)	7	215	215
	Overall height (unladen)	8	1,840	1,840
	Rear track	9	1,515	1,515
Vehicle weight kg	Kerb weight		1,980	1,980
	Gross vehicle weight		2,600	2,600
	Gross axle weight rating-front		1,260	1,260
	Gross axle weight rating-rear		1,600	1,600
	Gross combination weight		5,100	5,100
Seating capacity			5	5
Engine	Model code		6B31	6B31
	Type		SOHC MIVEC petrol engine	SOHC MIVEC petrol engine
	Total displacement mL		2,998	2,998
	Max. output <EEC> kW/r/min		163/6,250	163/6,250
	Max. torque <EEC> N·m/r/min		281/4,000	281/4,000
Fuel system	Fuel supply system		MPI	MPI
Transmission	Model code		V5A5A	V5A5A
	Type		Super select 4WD, 5A/T	Super select 4WD, 5A/T
Turning radius m	Body		5.9	5.9
	Wheel		5.6	5.6

Item		KH6W	
		GYMYLAZ	
Vehicle dimension mm	Front track	1	1,520
	Overall width	2	1,815
	Front overhang	3	795
	Wheel base	4	2,800
	Rear overhang	5	1,100
	Overall length	6	4,695
	Ground clearance (unladen)	7	215
	Overall height (unladen)	8	1,840
	Rear track	9	1,515
Vehicle weight kg	Kerb weight		1,960
	Gross vehicle weight		2,600
	Gross axle weight rating-front		1,260
	Gross axle weight rating-rear		1,600
	Gross combination weight		5,100
Seating capacity			5
Engine	Model code		6B31
	Type		SOHC MIVEC petrol engine
	Total displacement mL		2,998
	Max. output <EEC> kW/r/min		163/6,250
	Max. torque <EEC> N·m/r/min		281/4,000
Fuel system	Fuel supply system		MPI
Transmission	Model code		V5A5A
	Type		Super select 4WD, 5A/T
Turning radius m	Body		5.9
	Wheel		5.6

GROUP 12

**ENGINE
LUBRICATION**

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GENERAL INFORMATION

M1121000101952

OUTLINE OF CHANGE

<6B3>

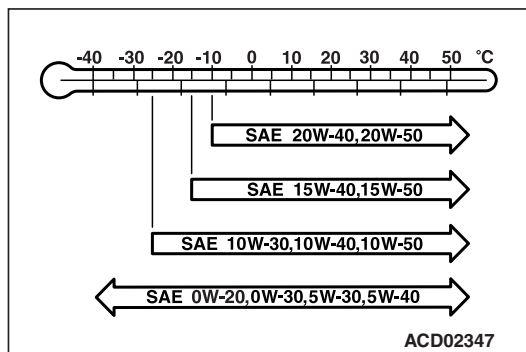
Due to the change of engine oil specification, the service procedure has been established. The other service procedures are the same as before.

ON-VEHICLE SERVICE

ENGINE OIL CHANGE <6B3>

M1121001003794

The service procedures other than below are the same as before.



Refill with specified engine oil.

NOTE: Select engine oil of the proper SAE viscosity number according to the atmospheric temperature.

NOTE: SAE 0W-20, 0W-30, 5W-30, and 5W-40 engine oils can only be used if they meet ACEA A3/B3, A3/B4 or A5/B5 and API SG (or higher) specifications.

GROUP 51**EXTERIOR****CONTENTS**

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DISASSEMBLY AND REASSEMBLY	51-3	REMOVAL AND INSTALLATION	51-6

GENERAL INFORMATION

M1511000102833

OUTLINE OF CHANGE

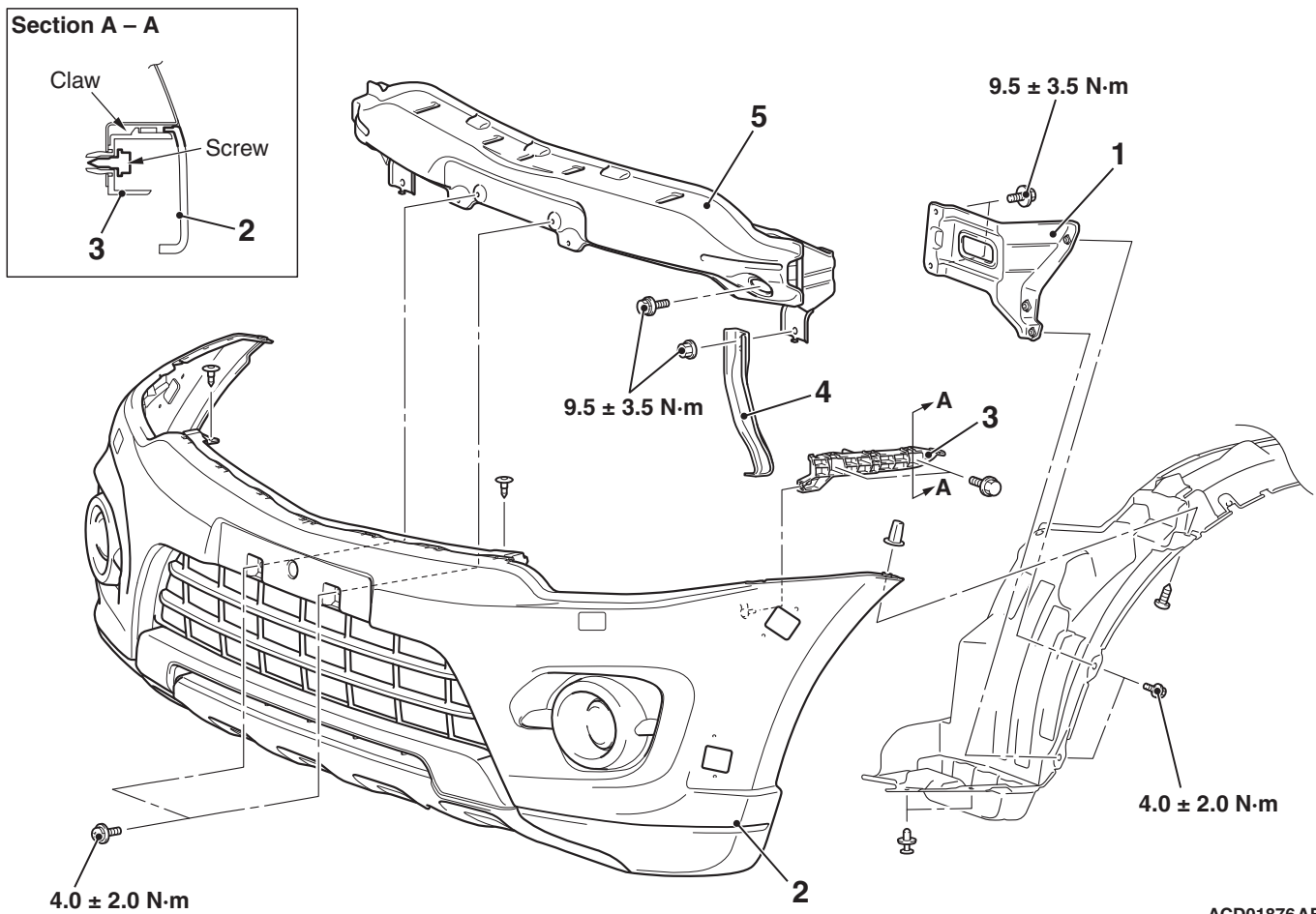
- Due to the change of front bumper assembly, service procedures of the front bumper assembly, radiator grille and headlamp washer hose have been established.

FRONT BUMPER ASSEMBLY

FRONT BUMPER ASSEMBLY

REMOVAL AND INSTALLATION

M1511001402536



ACD01876 AB

Removal steps

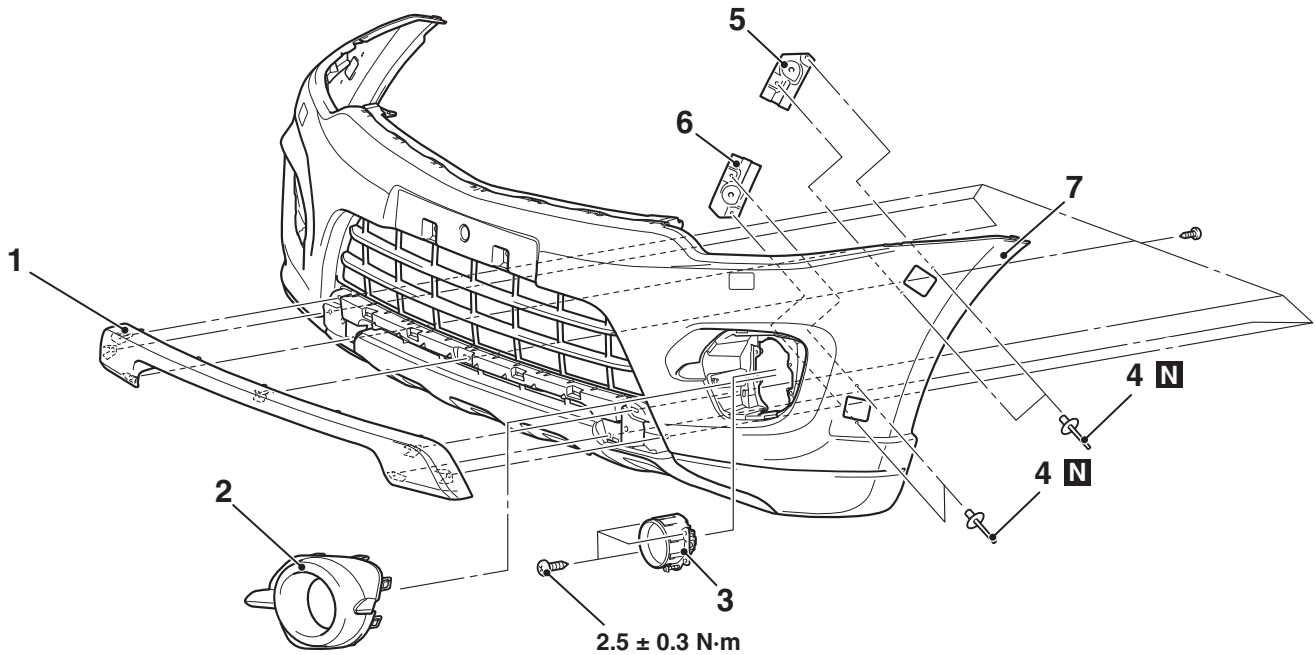
- Radiator grille (Refer to [P.51-5.](#))
- Front overfender
- 1. Front bumper side stay
- Fog lamp connector connection

Removal steps (Continued)

2. Front bumper assembly
3. Front bumper support bracket
4. Front bumper stay
5. Front bumper reinforcement

DISASSEMBLY AND REASSEMBLY

M1511001602756



ACD01877AB

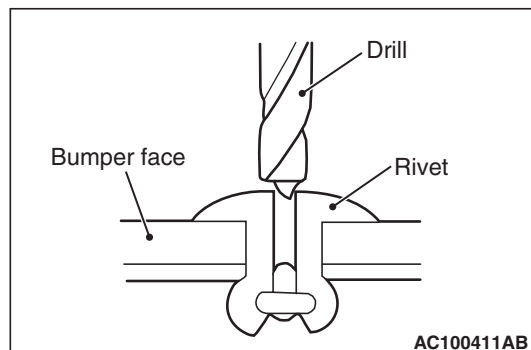
Disassembly steps

1. Guard bar
2. Front fog lamp bezel
3. Front fog lamp
4. Rivets
5. Front bumper side bracket upper
6. Front bumper side bracket lower
7. Front bumper face

<<A>> >>A<<

DISASSEMBLY SERVICE POINT

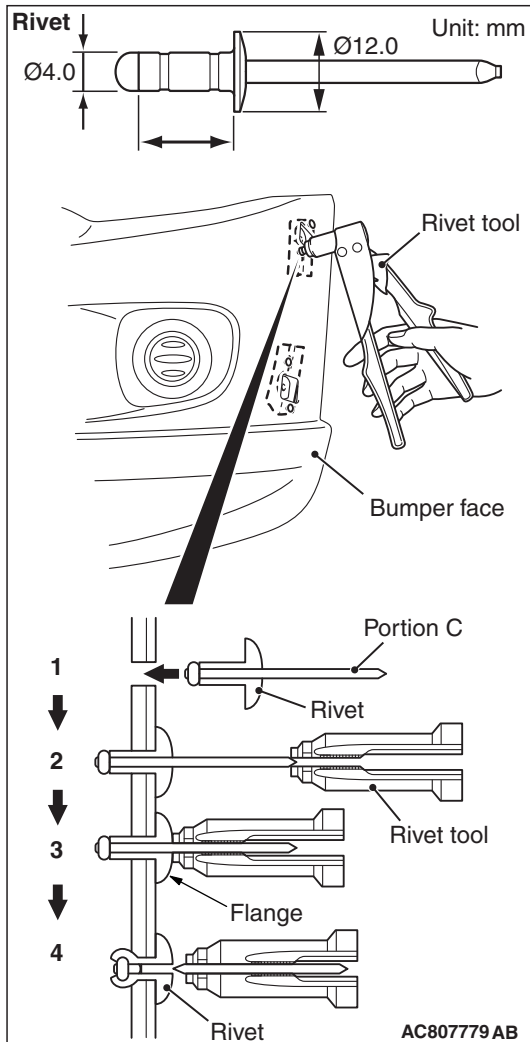
<<A>> RIVETS REMOVAL



AC100411AB

Use a drill (ϕ 4.0 mm) to make a hole in the rivet to break it, and remove the rivet.

REASSEMBLY SERVICE POINT
>>A<< RIVETS INSTALLATION



1. Insert rivet into the front bumper side bracket and front bumper face.
2. Place the rivet tool over portion C of rivet.
3. While pushing the flange surface of the rivet onto parts to be fixed with the rivet tool, press the handle of the tool.
4. Thin part of portion C of the rivet will cut off and the rivet is fixed in position.

Use a rivet tool shown in the illustration to connect the parts with rivets by the following procedures.

RADIATOR GRILLE

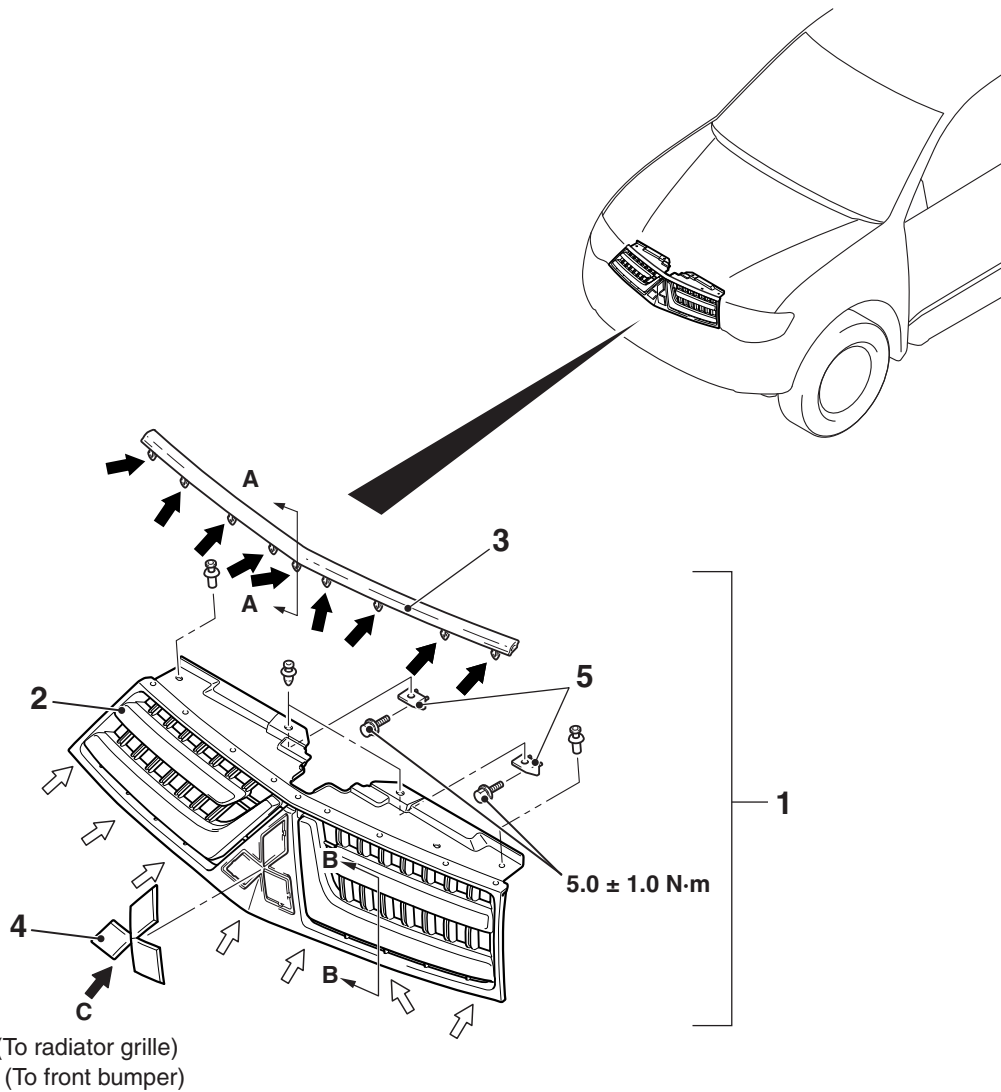
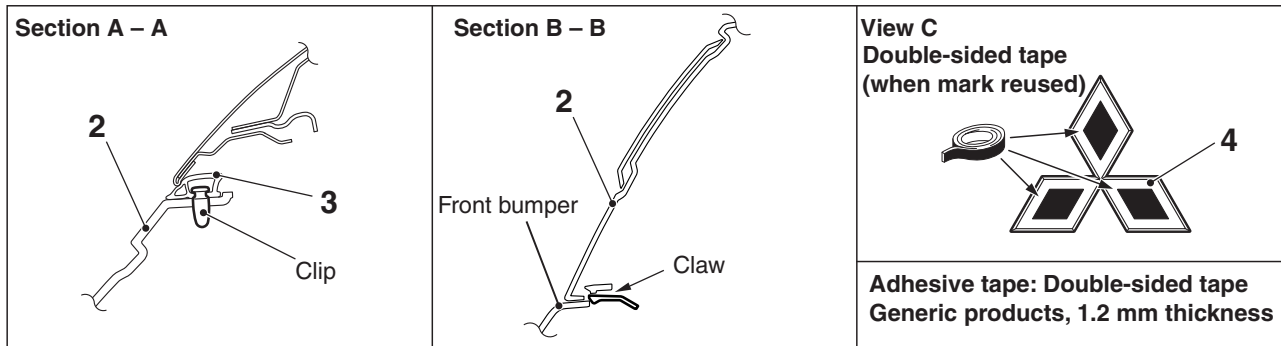
ADHESIVE

M1511000502916

Application	Specified adhesive
Front three-diamond mark	Double-sided tape: Generic products, 1.2 mm thickness

REMOVAL AND INSTALLATION

M1511002901423



ACC07840 AB

Removal steps

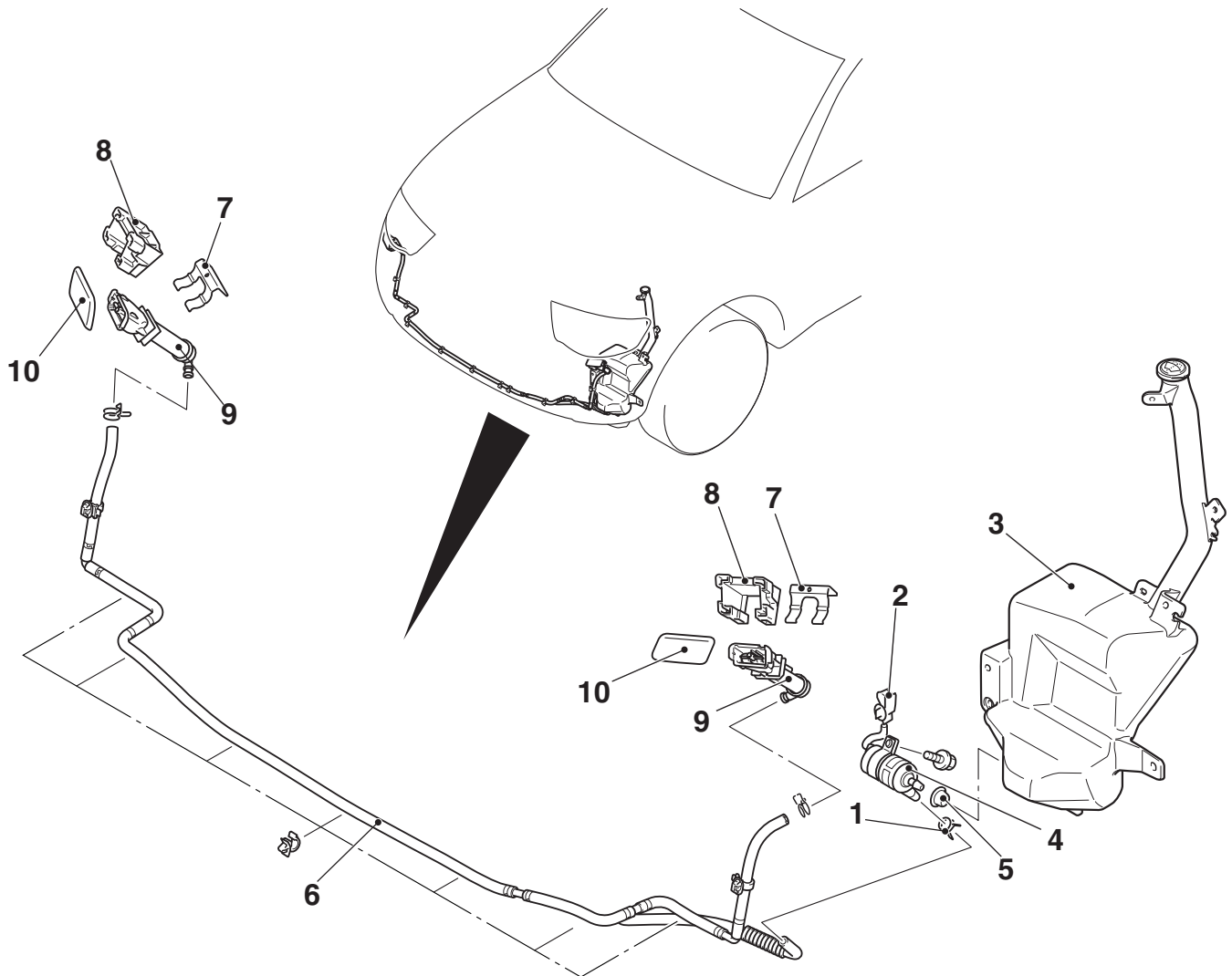
1. Radiator grille assembly
2. Radiator grille
3. Radiator grille weatherstrip

Removal steps (Continued)

4. Front three-diamond mark
5. Bracket

HEADLAMP WASHER**REMOVAL AND INSTALLATION**

M1511009700472



ACD00015AB

Removal steps

- Front bumper (Refer to [P.51-2](#))
- Washer fluid draining
- 1. Headlamp washer hose connection (headlamp washer motor side)
- 2. Headlamp washer motor connector connection
- 3. Windshield washer tank

Removal steps (Continued)

- 4. Headlamp washer motor
- 5. Packing
- 6. Headlamp washer hose
- 7. Headlamp washer clamp
- 8. Headlamp washer collar
- 9. Headlamp washer actuator assembly
- 10. Headlamp washer cover

GROUP 54A

**CHASSIS
ELECTRICAL**

CONTENTS

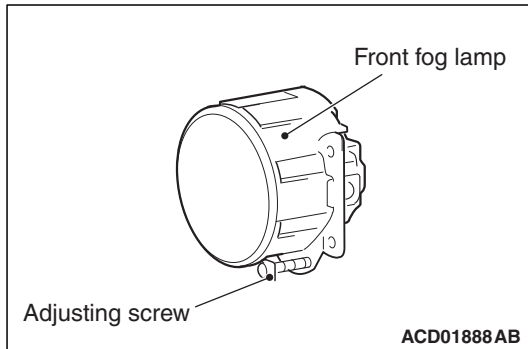
FRONT FOG LAMP	54A-2	REAR COMBINATION LAMP	54A-2
GENERAL INFORMATION	54A-2	GENERAL INFORMATION	54A-2

FRONT FOG LAMP

GENERAL INFORMATION

M1540402500301

OUTLINE OF CHANGE



The location of the front fog lamp aiming adjusting screw has been changed from upper side to lower side. The service procedures are the same as before.

REAR COMBINATION LAMP

GENERAL INFORMATION

M1541402800123

OUTLINE OF CHANGE

The rear turn-signal lamp bulb type has been changed from P21W to PY21W. The service procedures are the same as before.