



Technical Service Bulletin

SUBJECT:			No: TSB-16-42B-003
2016 OUTLANDER BODY REPAIR MANUAL INFORMATION – SERVICE MANUAL REVISION			DATE: May, 2016
			MODEL: 2016 Outlander
CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY PROCESSOR	<input type="checkbox"/> SALES MANAGER

PURPOSE

A 2016 Outlander Body Repair Manual will not be issued. Use the 2014 Body Repair Manual (MSCD-007B-2014) along with this TSB for complete body repair information for the 2016 Outlander.

AFFECTED VEHICLES

2016 Outlander

AFFECTED SERVICE MANUALS

2014 Outlander Body Repair Manual:

- Group 1 – Body Construction
 - General Information
 - Body Construction Characteristics
 - Stiffener and Damp Sheet Application Locations
- Group 3 – Welded Panel Replacement
 - General Information
 - Front Pillar
- Group 5 – Synthetic–Resin Parts
 - Location of Synthetic–Resin Parts
- Group 6 – Body Color
 - General Information
 - Body Color Charts
 - Body Coloring



GROUP 1

**BODY
CONSTRUCTION**

CONTENTS

GENERAL INFORMATION	1-2	FRONT BODY.....	1-2
		SIDE BODY.....	1-4
BODY CONSTRUCTION CHARACTERISTICS	1-2	STIFFENER AND DAMP SHEET APPLICATION LOCATIONS	1-4

1-2

**BODY CONSTRUCTION
GENERAL INFORMATION**

GENERAL INFORMATION

M4010000200868

OUTLINE OF CHANGE

The sections "FRONT BODY", "SIDE BODY" and "STIFFENER AND DAMP SHEET APPLICATION LOCATIONS" have been changed.

BODY CONSTRUCTION CHARACTERISTICS

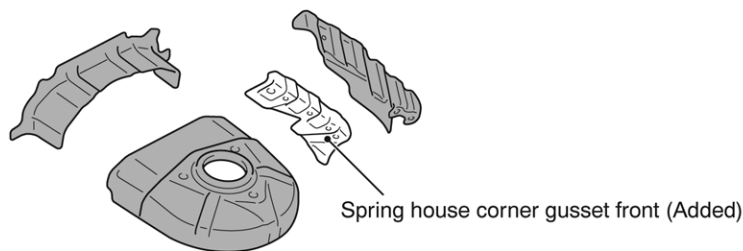
FRONT BODY

M4010010001846

FENDER SHIELD

A spring house corner gusset front has been added to improve the rigidity of the vehicle body.

<Right side>

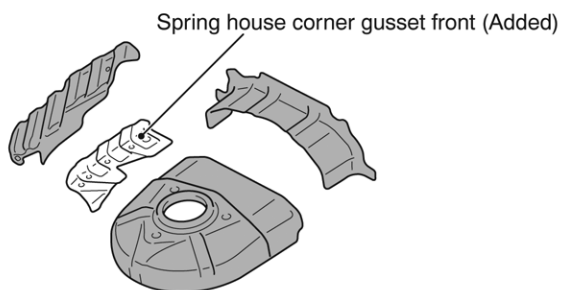


NOTE :

■ : Indicate the same parts as for previous models.

ABE00578AB

<Left side>



NOTE :

■ : Indicate the same parts as for previous models.

ABE00579AB

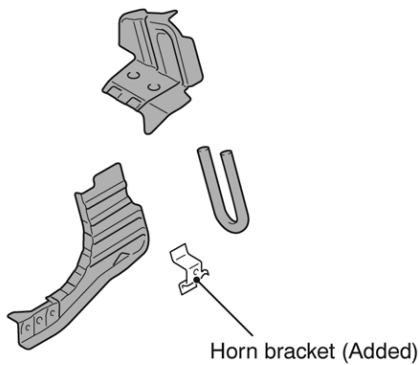
BODY CONSTRUCTION
BODY CONSTRUCTION CHARACTERISTICS

1-3

FRONT SIDEMEMBER REINFORCEMENT

The following component has been added.

<Left side>



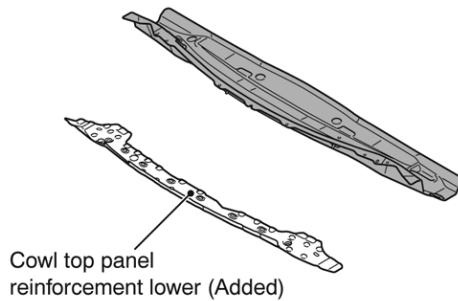
NOTE :

■ : Indicate the same parts as for previous models.

ABE00580AB

FRONT DECK

A cowl top panel reinforcement lower has been added to improve the rigidity of the front deck.



NOTE :

■ : Indicate the same parts as for previous models.

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1-4

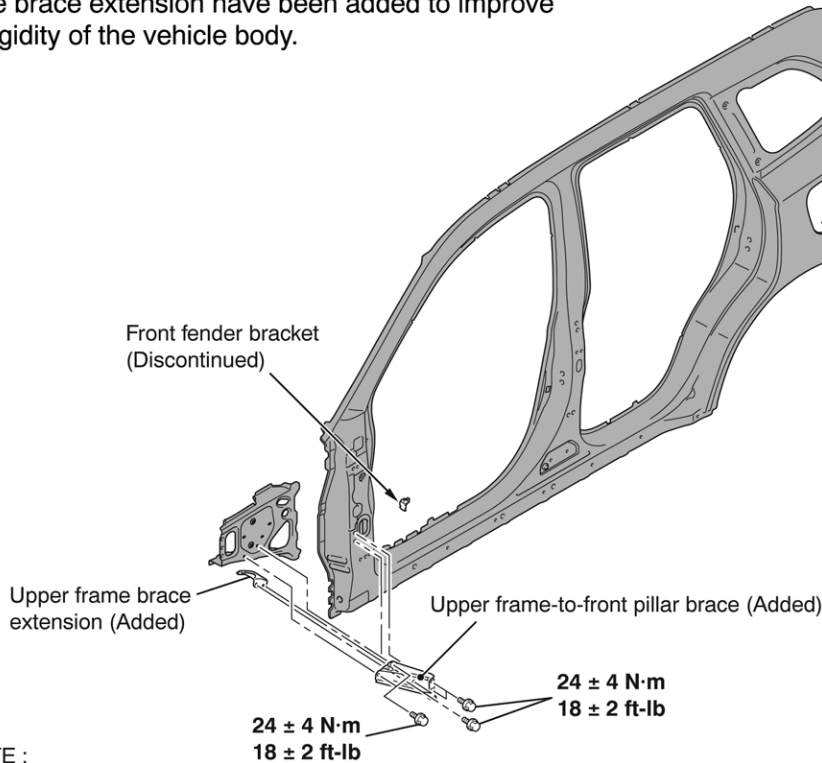
BODY CONSTRUCTION STIFFENER AND DAMP SHEET APPLICATION LOCATIONS

SIDE BODY

M4010011001797

SIDE STRUCTURE

An upper frame-to-front pillar brace and an upper frame brace extension have been added to improve the rigidity of the vehicle body.



NOTE :

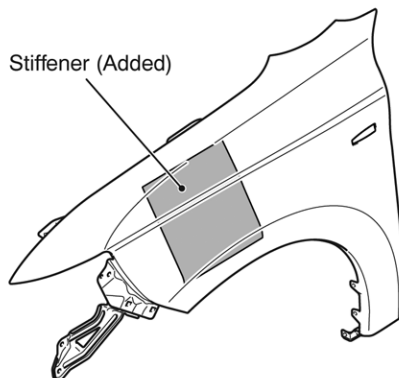
■ : Indicate the same parts as for previous models.

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STIFFENER AND DAMP SHEET APPLICATION LOCATIONS

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Stiffeners and damping sheets have been added to improve sound insulation performance.

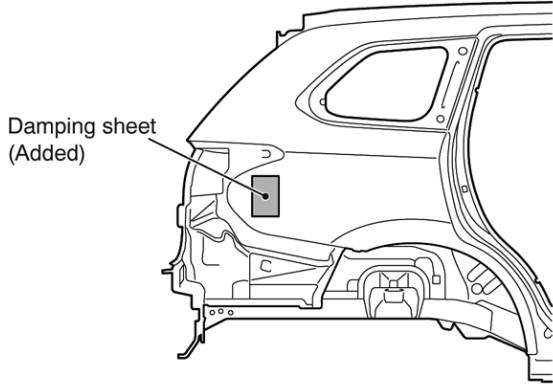


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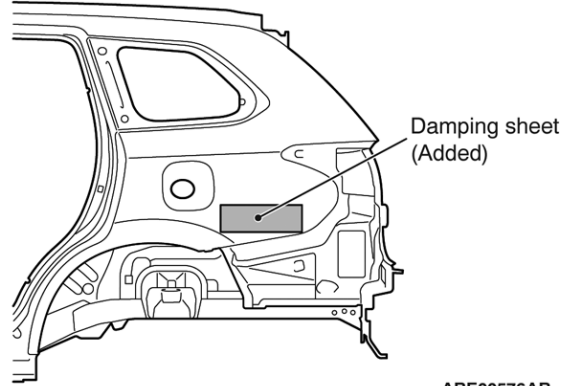
BODY CONSTRUCTION
STIFFENER AND DAMP SHEET APPLICATION LOCATIONS

1-5

<Right side>

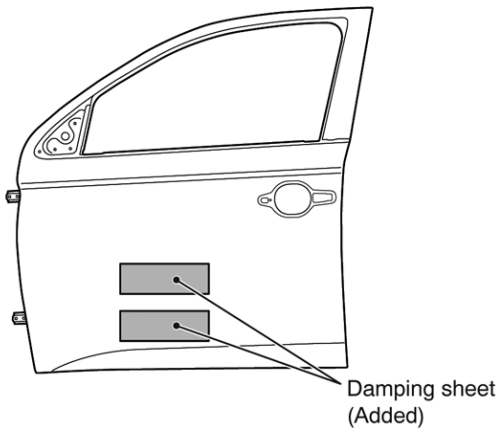


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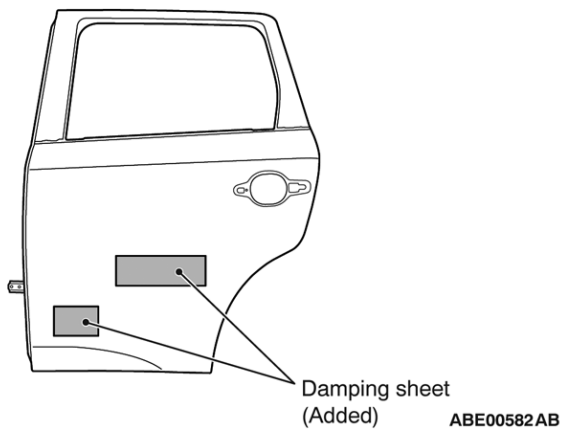


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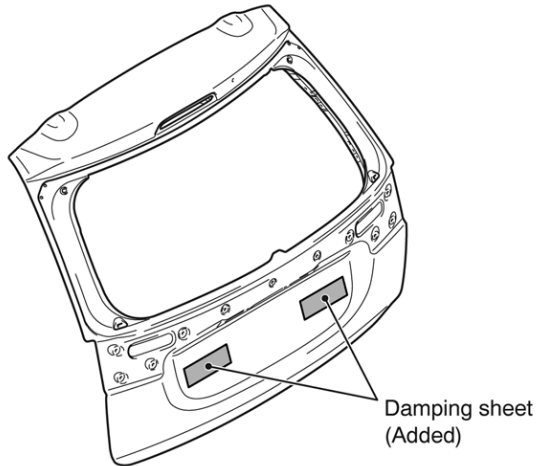
<Front door>



<Rear door>



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1-6

BODY CONSTRUCTION STIFFENER AND DAMP SHEET APPLICATION LOCATIONS

⚠ CAUTION

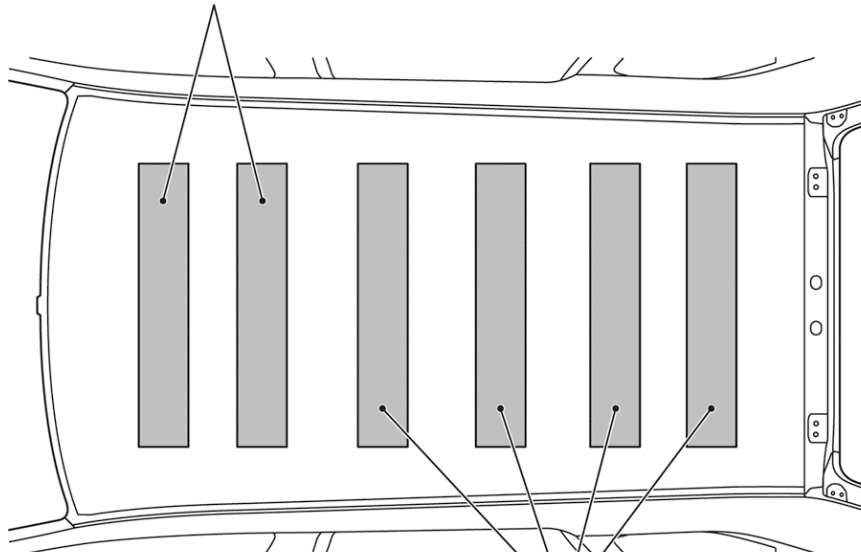
Be careful not to apply excessive load to the roof panel, otherwise it may be deformed.

In order to adhere the damping sheet to the roof panel securely, apply a load of 19.6 N (2 kgf) or more evenly to the whole surface of the sheet (except the bead) back and forth at least once with a roller*.

*NOTE: *: The width of the roller is not specified.*

<Added>

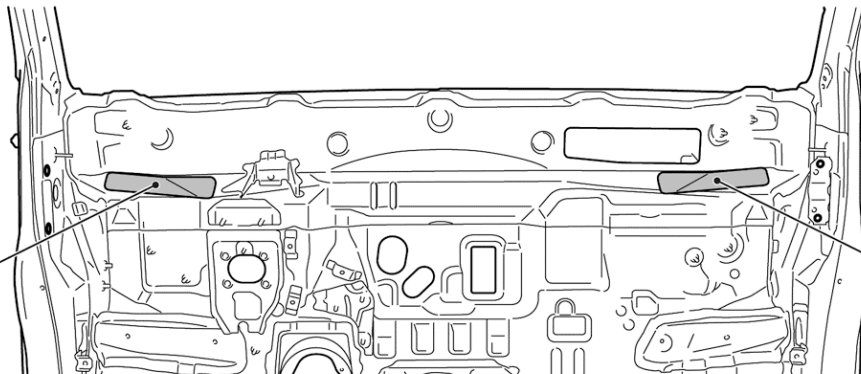
Damping sheet (Added)
<Vehicles without sunroof>



Damping sheet
(Added)

ABE00604AB

Damping sheet
(Added)



Damping sheet
(Added)

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GROUP 3

**WELDED PANEL
REPLACEMENT**

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GENERAL INFORMATION	3-2	FRONT PILLAR	3-2
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3-2

WELDED PANEL REPLACEMENT
 GENERAL INFORMATION

GENERAL INFORMATION

M403000900494

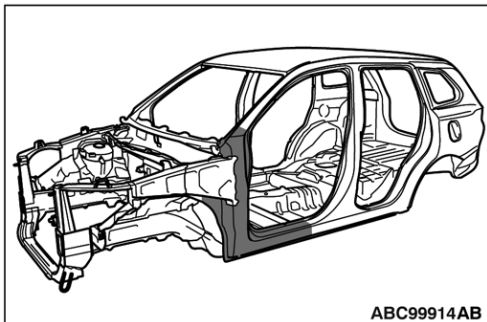
OUTLINE OF CHANGE

The section "FRONT PILLAR" below has been changed.

FRONT PILLAR

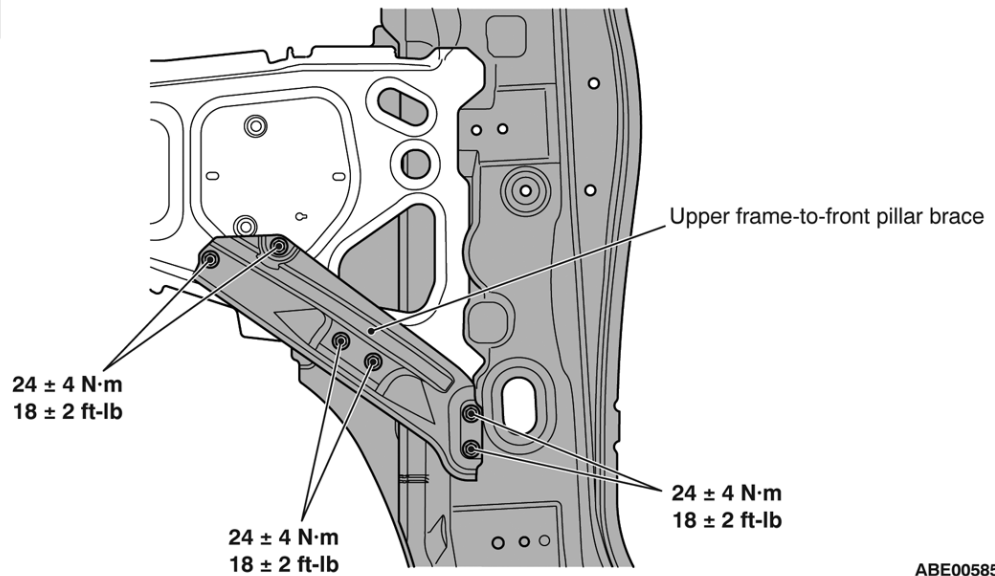
M4030005002210

Due to the addition of upper frame-to-front pillar brace, the repair procedures have been changed. The other service procedures are the same as before.



Symbol	Operation description
● ● ● ●	Spot welding
■ ■ ▲ ▲	MIG plug welding (■: indicates two panels to be welded ▲: indicates three panels to be welded)
++++	MIG spot welding
#####	MIG arc welding (continuous)
○○○○○○	Braze welding
	Anti-corrosion agent application locations (Use access holes to apply liberally to butt-welded joints.)

REPAIR WELDS



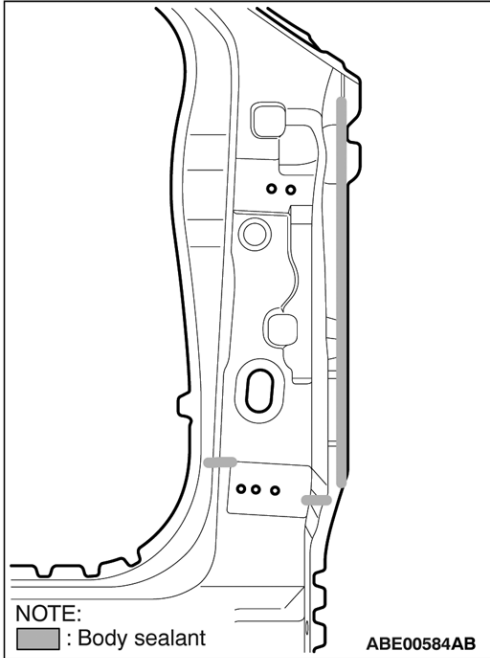
**WELDED PANEL REPLACEMENT
FRONT PILLAR**

3-3

NOTE ON REPAIR WORK

INSTALLATION

Prior to assembling the new front outer pillar parts, apply the body sealant to the area shown in the figure.



GROUP 5

**SYNTHETIC-RESIN
PARTS**

CONTENTS

LOCATION OF SYNTHETIC-RESIN PARTS	5-2
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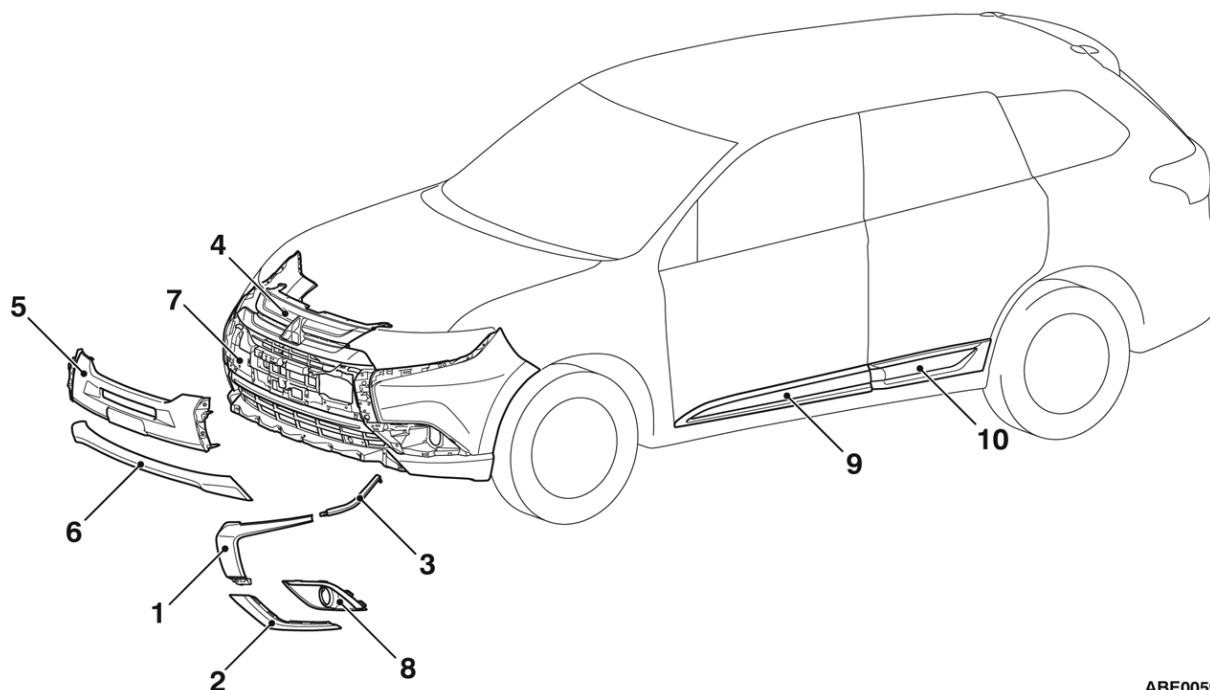
5-2

SYNTHETIC-RESIN PARTS
LOCATION OF SYNTHETIC-RESIN PARTS

LOCATION OF SYNTHETIC-RESIN PARTS

M4050001002287

Indicates the main usage locations that have been changed or added.



ABE00594AB

No.	Part Name	Name Of Resin	Abbreviation	Heat-resistant Temp [°C]
1	Front bumper side center garnish	Acrylonitrile butadiene styrene	ABS	80
2	Front bumper side lower garnish			
3	Front bumper side upper garnish			
4	Radiator grille			
5	Front bumper center cover	Rubber modified polypropylene	PP+E/P	80
6	Front bumper extension			
7	Front bumper face			
8	Front fog lamp bezel			
9	Front door garnish			
10	Rear door garnish			

NOTE:

- A slash (/) in the material symbol indicates that two different materials make two-layer construction. A plus sign (+) indicates that the two different materials mix each other.
- The material symbols for synthetic-resin parts are embossed on the parts in hidden places.

GROUP 6

BODY COLOR

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BODY COLOR CHARTS	6-2	FRONT BUMPER	6-3
		REAR BUMPER	6-3

6-2

**BODY COLOR
GENERAL INFORMATION**

GENERAL INFORMATION

M4060000201338

OUTLINE OF CHANGE

- The section "BODY COLOR CHARTS" has been changed.
- The section body coloring of "FRONT BUMPER" and "REAR BUMPER" have been changed.

BODY COLOR CHARTS

M4060002004500

Check the vehicle's body color code, and then use this body color chart to determine the refinishing paint supplier from which the color can be purchased.

Color	Color code	Color number	Color name	Coating film structure	Composition of film
SILVER	A31	CMA10031	Cool Silver Metallic	2M	Metallic
GREYISH BROWN	C06	CMC10006	Quartz Brown Metallic	2M	Metallic
DARK BLUE	D14	CMD10014	Cosmic Blue Mica	2P	Interferenced Pearl
RED	P26	CMP10026	Red Metallic	2M	Metallic
GRAY	U17	CMU10017	Titanium Gray Metallic	2M	Metallic
BLUISH SILVER	U21	CMU10021	Technical Silver Metallic	2M	Metallic
WHITE	W13	CMW10013	White Pearl	3P	Pearl
WHITE	W37	CMW10037	White Solid	2S	Solid
BLACK	X42	AC11342	Black Mica	2P	Interferenced Pearl

NOTE:

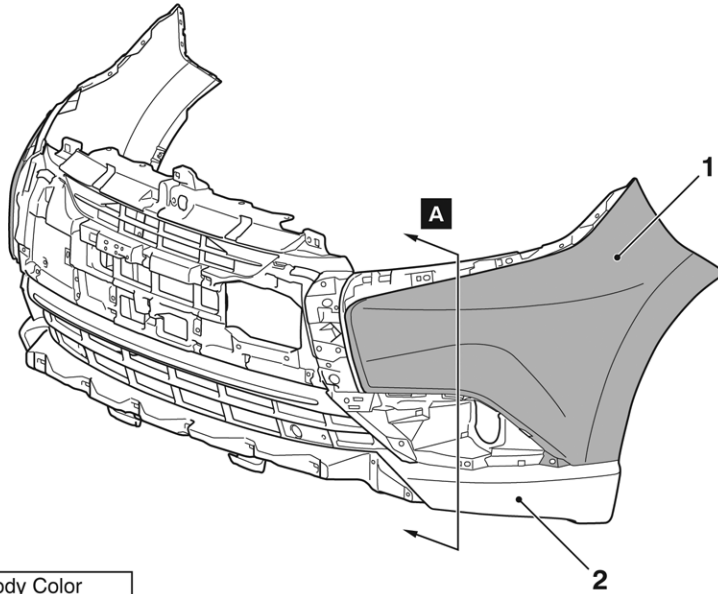
- The coating film structure indicates top coating only (2S: 2 coat solid, 2M: 2 coat metallic, 2P: 2 coat pearl, 3P: 3 coat pearl).
- For painting, inner panel colors should be similar to the outer panel colors.
- The roof rail is coated in black (AC10657) or silver (AC11169).

BODY COLOR
BODY COLORING

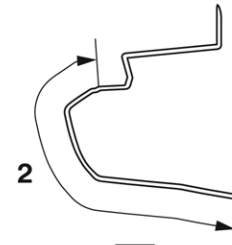
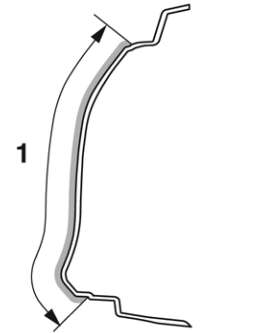
6-3

BODY COLORING

FRONT BUMPER



1	Body Color
2	Material color

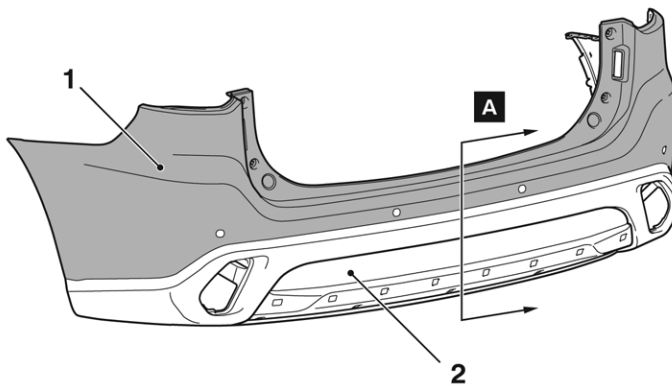


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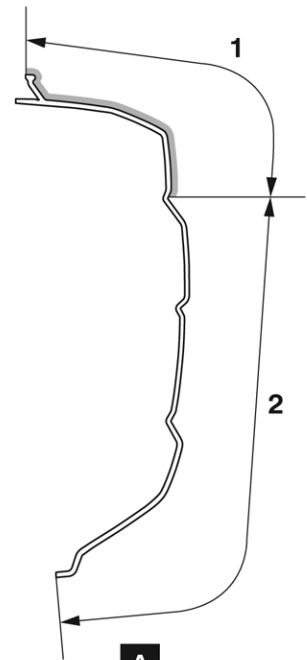
M4060000500444

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REAR BUMPER



1	Body Color
2	Material color



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