



# Technical Service Bulletin

SUBJECT:			No: <b>TSB-19-42B-002</b>
<b>2016 OUTLANDER BODY REPAIR MANUAL INFORMATION REVISED - SERVICE MANUAL REVISION</b>			DATE: <b>March 2019</b>
			MODEL: <b>2016 Outlander</b>
<b>CIRCULATE TO:</b>	<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

***This Technical Service Bulletin supersedes TSB-16-42B-003, issued May 2016, to include additional information on the front bumper center cover color. Changes are italicized and indicated by ◀.***

## PURPOSE

A 2016 Outlander Body Repair Manual was not 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 MANUAL

2016 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



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**GROUP 1**

**BODY  
CONSTRUCTION**

**CONTENTS**

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

1-2

**BODY CONSTRUCTION  
GENERAL INFORMATION**

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**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**

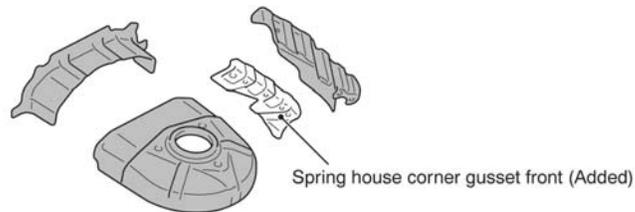
**FRONT BODY**

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**FENDER SHIELD**

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

<Right side>

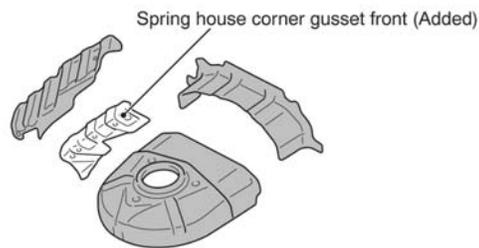


NOTE :

■ : Indicate the same parts as for previous models.

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<Left side>



NOTE :

■ : Indicate the same parts as for previous models.

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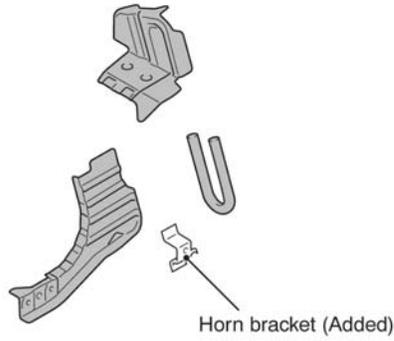
**BODY CONSTRUCTION**  
**BODY CONSTRUCTION CHARACTERISTICS**

**1-3**

**FRONT SIDEMEMBER REINFORCEMENT**

The following component has been added.

<Left side>



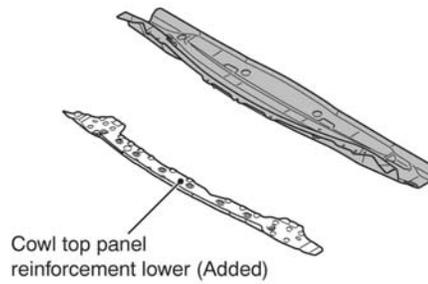
NOTE :

■ : Indicate the same parts as for previous models.

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**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

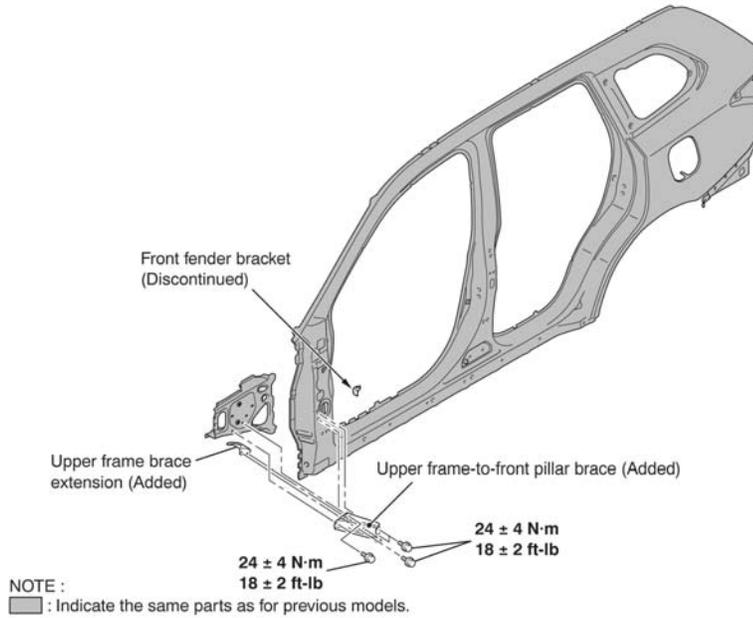
## BODY CONSTRUCTION STIFFENER AND DAMP SHEET APPLICATION LOCATIONS

### SIDE BODY

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#### 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.

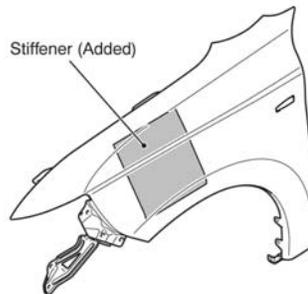


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## STIFFENER AND DAMP SHEET APPLICATION LOCATIONS

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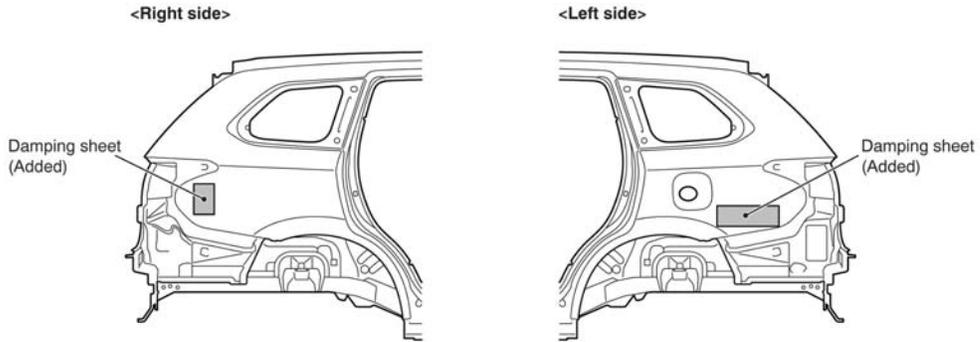
Stiffeners and damping sheets have been added to improve sound insulation performance.



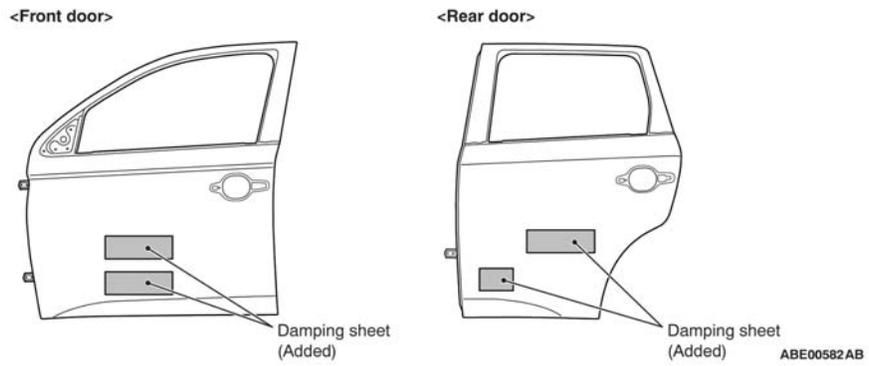
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**BODY CONSTRUCTION**  
**STIFFENER AND DAMP SHEET APPLICATION LOCATIONS**

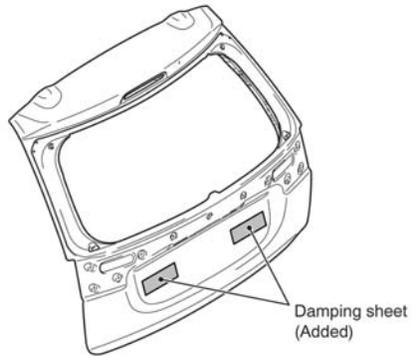
**1-5**



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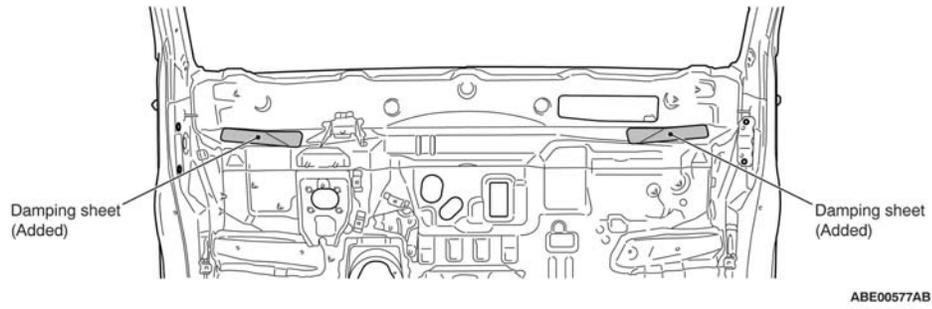
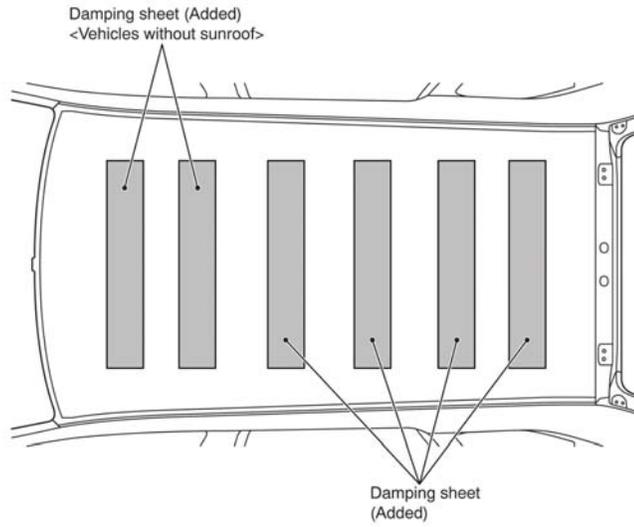


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1-6

BODY CONSTRUCTION  
STIFFENER AND DAMP SHEET APPLICATION LOCATIONS



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**GROUP 3**

**WELDED PANEL  
REPLACEMENT**

**CONTENTS**

<b>GENERAL INFORMATION .....</b>	<b>3-2</b>	<b>FRONT PILLAR .....</b>	<b>3-2</b>
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3-2

WELDED PANEL REPLACEMENT  
GENERAL INFORMATION

GENERAL INFORMATION

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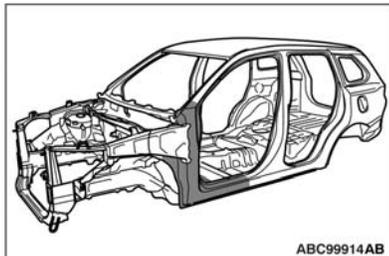
OUTLINE OF CHANGE

The section "FRONT PILLAR" below has been changed.

FRONT PILLAR

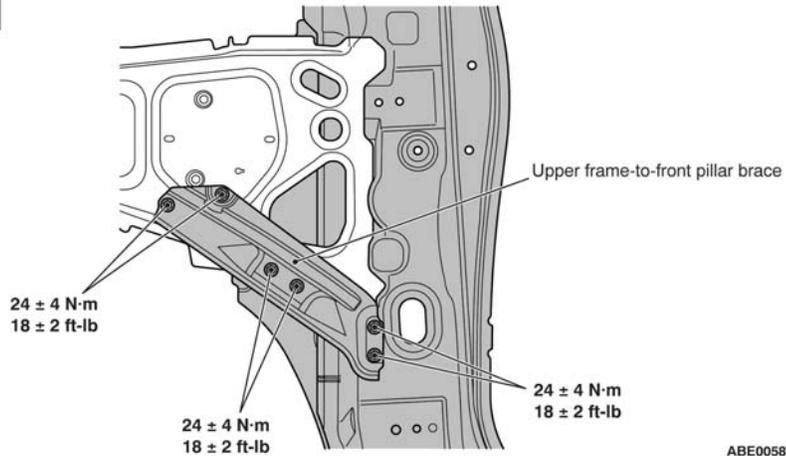
M4030005002210

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



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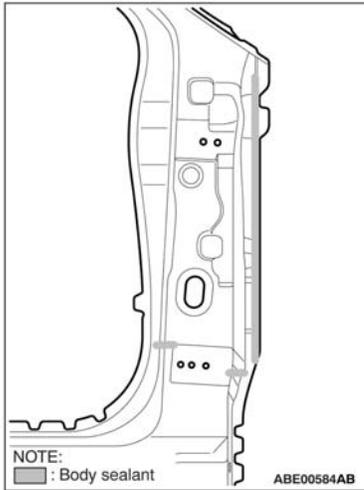
**WELDED PANEL REPLACEMENT  
FRONT PILLAR**

**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.



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**GROUP 5**

**SYNTHETIC-RESIN  
PARTS**

**CONTENTS**

<b>LOCATION OF SYNTHETIC-RESIN PARTS .....</b>	<b>5-2</b>
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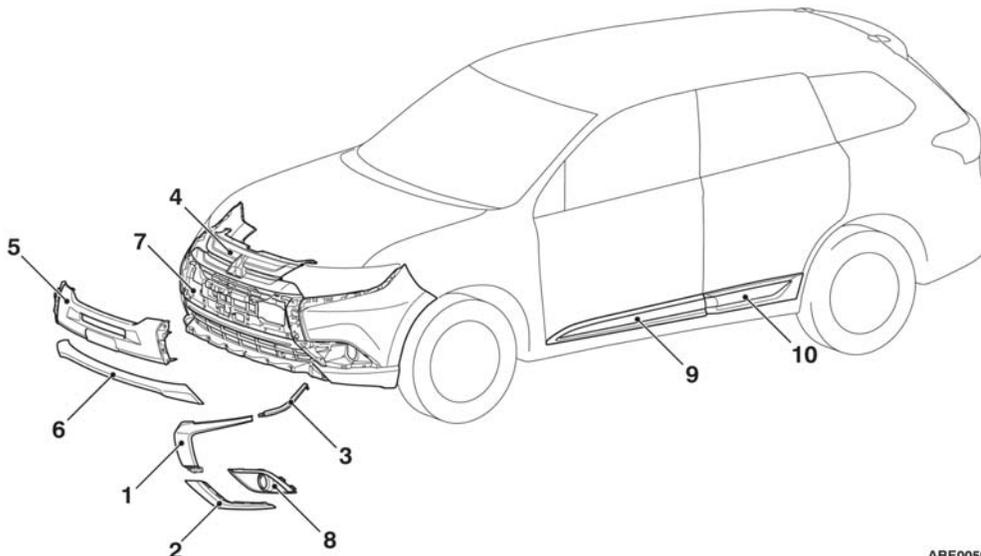
5-2

SYNTHETIC-RESIN PARTS  
 LOCATION OF SYNTHETIC-RESIN PARTS

LOCATION OF SYNTHETIC-RESIN PARTS

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



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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.

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**GROUP 6**

**BODY COLOR**

**CONTENTS**

<b>GENERAL INFORMATION .....</b>	<b>6-2</b>	<b>BODY COLORING .....</b>	<b>6-3</b>
<b>BODY COLOR CHARTS .....</b>	<b>6-2</b>	<b>FRONT BUMPER .....</b>	<b>6-3</b>
		<b>REAR BUMPER .....</b>	<b>6-3</b>

Please add the following information to the 2016 Outlander Body Repair Manual, Group 6-Body Color -> General Information.

## 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).

- The front bumper center cover is coated in black (AC10705).

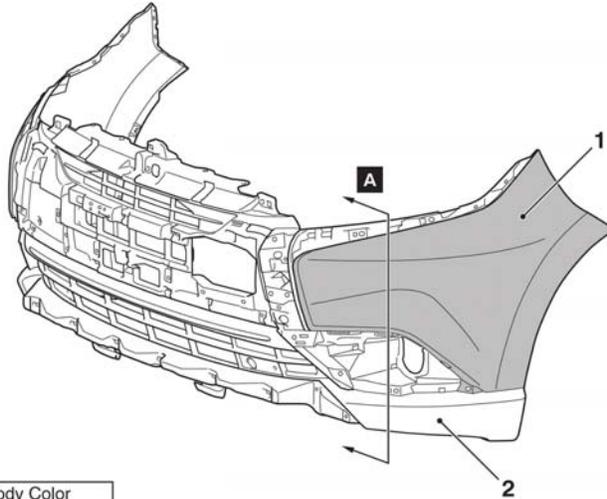
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BODY COLOR  
BODY COLORING

6-3

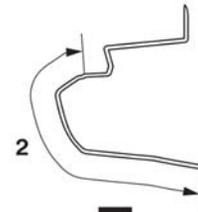
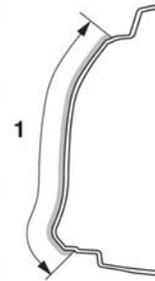
BODY COLORING

FRONT BUMPER



1	Body Color
2	Material color

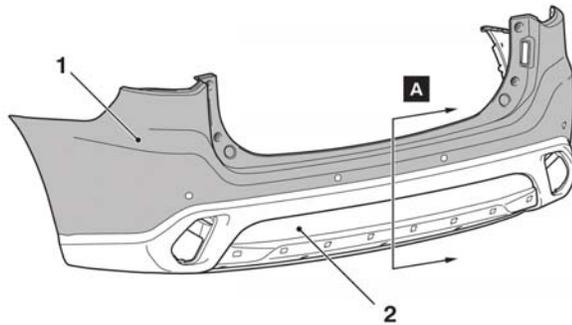
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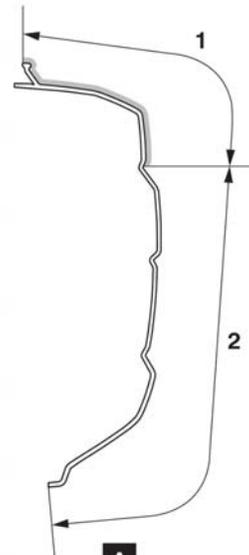
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REAR BUMPER



1	Body Color
2	Material color

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