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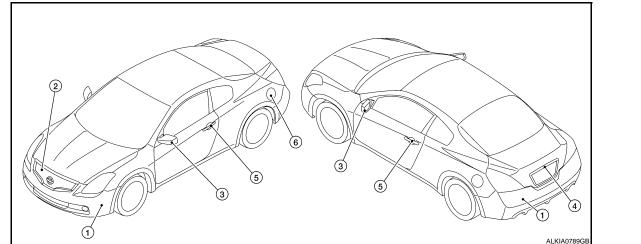
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FEATURES OF NEW MODEL BODY EXTERIOR PAINT COLOR

Body Exterior Paint Color



			Color code	A20	B54	K12	K50	KH3	QX3	W40	G
	Componer	nt	Description	Red	Blue	Silver	Dark Grey	Black	White	Medium Grey	н
			Paint type	2M	2M	2M	2M	2S	3P	2M	
			Hard clear coat	×	×	×	-	-	-	-	
1	Bumper fascia		Body color	A20	B54	K12	K50	KH3	QX3	W40	
		Surround	Body color	A20	B54	K12	K50	KH3	QX3	W40	
2	Front grille	Slats	Black		_		_	_			
		Base	chromium-plate	Cr	Cr	Cr	Cr	Cr	Cr	Cr	J
3	Door outside	Case	Body color	A20	B54	K12	K50	KH3	QX3	W40	1
3	mirror	Base	Black	_		—	—	—		—	BRM
4	License plate fin- isher		Body color	A20	B54	K12	K50	KH3	QX3	W40	
5	Door outside handle		Body color	A20	B54	K12	K50	KH3	QX3	Cr	L
6	Fuel filler lid		Body color	A20	B54	K12	K50	КНЗ	QX3	W40	Μ

M=Metallic, S= Solid, 2S= Solid and Clear, 2P= 2-stage Pearl, 3P= 3-Stage pearl, PM=Pearl metallic, Black is solvent based, all others are water based.

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< PRECAUTION >

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PRECAUTION HANDLING PRECAUTIONS FOR PLASTICS

Precautions For Plastics

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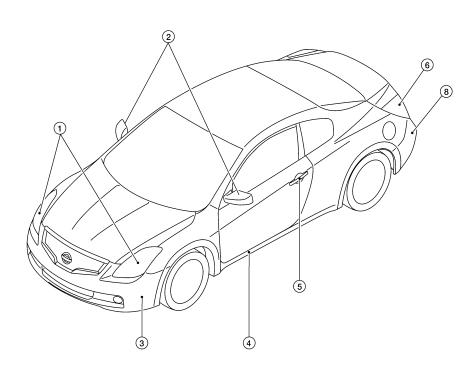
Abbre- viation	Material name	Heat resisting temperature °C(°F)	Resistance to gasoline and solvents	Other cautions
PE	Polyethylene	60(140)	Gasoline and most solvents are harmless if applied for a very short time (wipe up quickly).	Flammable
PVC	Poly Vinyl Chloride	80(176)	Same as above. Poison gas is when burned.	
EPM/ EPDM	Ethylene Propylene (Diene) co- polymer	80(176)	Same as above.	Flammable
TPO/ TPR	Thermoplastic Olefine/ Thermoplastic rubber	80(176)	Same as above.	Flammable
PP	Polypropylene	90(194)	Same as above.	Flammable, avoid bat- tery acid.
UP	Unsaturated Polyester	90(194)	Same as above.	Flammable
PS	Polystyrene	80(176)	Avoid solvents.	Flammable
ABS	Acrylonitrile Butadiene Styrene	80(176)	Avoid gasoline and solvents.	
PMMA	Poly Methyl Methacrylate	85(185)	Same as above.	
EVAC	Ethylene Vinyl Acetate	90(194)	Same as above.	
ASA	Acrylonitrile Styrene Acrylate	100(222)	Same as above.	Flammable
PPE	Poly Phenylene Ether	110(230)	Same as above.	
PC	Polycarbonate	120(248)	Same as above.	
PAR	Polyarylate	180(356)	Same as above.	
PUR	Polyurethane	90(194)	Same as above.	
PPC	Polypropylene Composite	115 (239)	Same as above	Flammable
POM	Poly Oxymethylene	120(248)	Same as above.	Avoid battery acid.
PBT+ PC	Poly Butylene Terephthalate + Polycarbonate	120(248)	Same as above.	Flammable
PA	Polyamide (Nylon)	140(284)	Same as above.	Avoid immersing in wa- ter.
PBT	Poly Butylene Terephthalate	140(284)	Same as above.	
PET	Polyester	180(356)	Same as above.	
PEI	Polyetherimide	200(392)	Same as above.	

1. When repairing and painting a portion of the body adjacent to plastic parts, consider their characteristics (influence of heat and solvent) and remove them if necessary or take suitable measures to protect them.

2. Plastic parts should be repaired and painted using methods suiting the materials[,] characteristics.

< PRECAUTION >

LOCATION OF PLASTIC PARTS



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Item	Component		Abbreviation	Material
1	Front combination lamp	Lens	PC	Polycarbonate
1.		Housing	PP	Polypropylene
2	Door Mirror	Case	ASA	Acrylonitrile Styrene Acrylate
۷.		Skull cap	ABS	Acrylonitrile Butadiene Styrene

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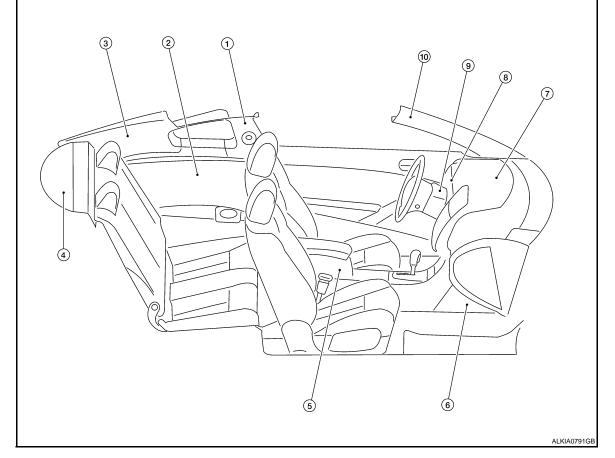
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HANDLING PRECAUTIONS FOR PLASTICS

< PRECAUTION >

[COUPE]

Item	Component		Abbreviation	Material
3.	Front Fascia		PP + EPM	Polypropylene + Ethylene Propylene (Diene) copolymer
4.	Mudguard		TPO	Thermoplastic Olefine
5.	Outside door handle	Grip	PC	Polycarbonate
5.		Escutcheon	PA	Polyamide (Nylon)
6.	Poor combination lamp	Lens	PMMA	Poly Methyl Methacrylate
0.	Rear combination lamp	Housing	ABS	Acrylonitrile Butadiene Styrene
7.	Trunk lid finisher		ABS + PC	Acrylonitrile Butadiene Styrene + Polycarbon- ate
8.	Rear fascia		PP + EPM	Polypropylene + Ethylene Propylene (Diene) copolymer



Item	Component		Abbreviation	Material
1.	Lock pillar upper trim		PP	Polypropylene
2.	Rear side finisher		PP	Polypropylene
3.	Rear pillar trim		PP	Polypropylene
4.	Rear parcel shelf finisher		PP	Polypropylene
		Pocket	ABS	Acrylonitrile Butadiene Styrene + Polycarbon- ate
5.	Center Console	Lid Substrate	PPC	Polypropylene Composite
		Lid slide plate	POM	Poly Oxymethylene
6.	Lower instrument cover		PP	Polypropylene
7.	Instrument panel		PP	Polypropylene

HANDLING PRECAUTIONS FOR PLASTICS

< PRECAUTION >

[COUPE]

Item	Component	Abbreviation	Material	٨
8.	Cluster lid A	PP	Polypropylene	A
9.	Steering column covers	PP	Polypropylene	
10.	Front pillar garnish	PP	Polypropylene	В

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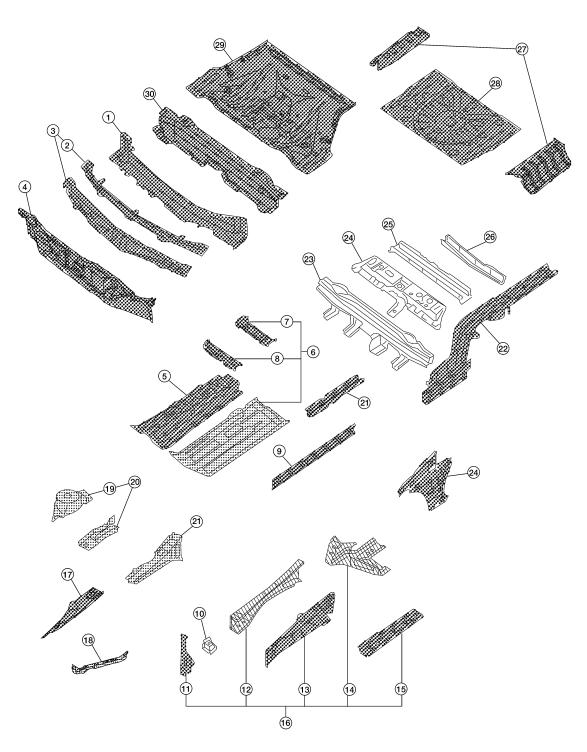
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[COUPE]

ON-VEHICLE REPAIR BODY COMPONENT PARTS

Underbody Component Parts

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: Indicates both-sided anti-corrosive precoated steel portions

: Indicates both-sided anti-corrosive steel and HSS portions

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BODY COMPONENT PARTS

< ON-VEHICLE REPAIR >

[COUPE]

1.	Upper dash assembly	2.	Wiper bracket	3.	Cowl top assembly	А
4.	Lower dash assembly	5.	Center floor assembly	6.	Front floor assembly (RH,LH)	
7.	Rear crossmember (RH, LH)	8.	Front crossmember (RH, LH)	9.	Inner sill (RH, LH)	
10.	Front suspension member front nut plate (RH, LH)	11.	Radiator core support side (RH, LH)	12.	Front side member front assembly (RH, LH)	В
13.	Front side member closing plate (RH, LH)	14.	Front side member assembly (RH, LH)	15.	Front side member center extension (RH, LH)	0
16.	Front side member (RH, LH)	17.	Hoodledge connector (RH, LH)	18.	Radiator core support upper (RH, LH)	С
19.	Strut tower (RH, LH)	20.	Strut tower assembly (RH, LH)	21.	Front side member rear extension (RH. LH)	D
22.	Rear side member assembly (RH, LH)	23.	Rear seat crossmember lower	24.	Rear seat crossmember upper	
25.	Rear center crossmember	26.	Rear floor rear crossmember	27	Rear floor rear side	Е
28.	Rear floor rear	29.	Rear floor front	30.	Rear floor front extension	

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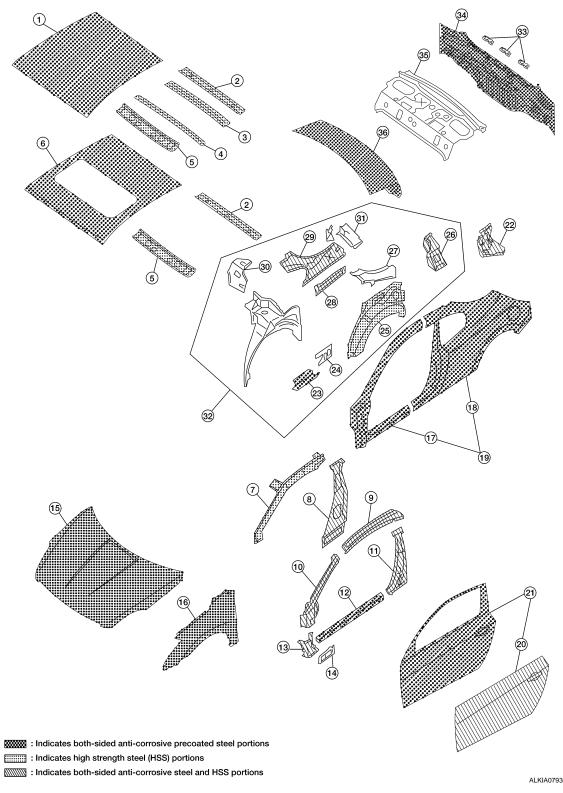
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Body Component Parts

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[COUPE]



- Roof panel assembly 1.
- 4. Front roof bow

LH)

7.

- Rear roof rail assembly 2.
- 5. Front roof rail assembly
- Front pillar inner reinforcement (RH, 8. Inner lock pillar (RH, LH)

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- Center roof bow 3.
- 6. Sun roof panel assembly
- Outer upper roof side rail (RH, LH) 9.

BODY COMPONENT PARTS

< ON-VEHICLE REPAIR >

[COUPE]

10.	Hinge pillar upper reinforcement (RH, LH)	11.	Lock pillar reinforcement (RH, LH)	12.	Outer sill reinforcement (RH, LH)	А
13.	Hinge pillar lower reinforcement (RH, LH)	14.	Front pillar lower reinforcement (RH, LH)	15.	Hood assembly	
16.	Front fender (RH, LH)	17.	Front portion of body side outer (RH, LH)	18.	Rear fender portion of body side out- er (RH, LH)	В
19.	Body side outer (RH, LH)	20.	Front door outer (RH, LH)	21.	Front door assembly (RH, LH)	
22.	Rear combination lamp base (RH, LH)	23.	Rear outer sill reinforcement (RH, LH)	24.	Rear wheel outer front extension (RH, LH)	С
25.	Rear wheel outer RH, LH)	26.	Rear pillar inner reinforcement B (RH, LH)	27.	Rear pillar inner reinforcement A (RH, LH)	
28.	Inner rear pillar lower (RH, LH)	29.	Rear pillar inner (RH, LH)	30.	Rear seat back side support (RH, LH)	D
31.	Rear side upper reinforcement (RH, LH)	32.	Rear wheel inner reinforcement as- sembly (RH, LH)	33.	Rear bumper fascia brackets	Е
34.	Rear panel assembly	35.	Parcel shelf assembly	36.	Trunk lid assembly	

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CORROSION PROTECTION

< ON-VEHICLE REPAIR >

CORROSION PROTECTION

Description

To provide improved corrosion prevention, the following anti-corrosive measures have been implemented in NISSAN production plants. When repairing or replacing body panels, it is necessary to use the same anti-corrosive measures.

Anti-Corrosive Precoated Steel (Galvannealed Steel)

To improve repairability and corrosion resistance, a new type of anticorrosive precoated steel sheet has been adopted replacing conventional zinc-coated steel sheet.

Galvannealed steel is electroplated and heated to form Zinc-iron alloy, which provides excellent and long term corrosion resistance with cationic electrodeposition primer.

7n rich Zn-Fe Steel sheet(Fe) Zn-Fe Zn rich Both sided precoated SIIA2294E

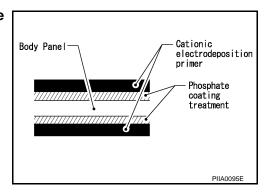
Nissan Genuine Service Parts are fabricated from galvannealed steel. Therefore, it is recommended that GENUINE NISSAN PARTS or equivalent be used for panel replacement to maintain the anti-corrosive performance built into the vehicle at the factory.

Phosphate Coating Treatment and Cationic Electrodeposition Primer

A phosphate coating treatment and a cationic electrodeposition primer, which provide excellent corrosion protection, are employed on all body components.

CAUTION:

Confine paint removal during welding operations to an absolute minimum.

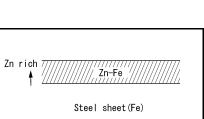


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Nissan Genuine Service Parts are also treated in the same manner. Therefore, it is recommended that GENU-INE NISSAN PARTS or equivalent be used for panel replacement to maintain anti-corrosive performance built into the vehicle at the factory.

Anti-Corrosive Wax

To improve corrosion resistance, anti-corrosive wax is applied inside the body sill and inside other closed sections. Accordingly, when replacing these parts, be sure to apply anti-corrosive wax to the appropriate areas of



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CORROSION PROTECTION [COUPE] < ON-VEHICLE REPAIR > the new parts. Select an excellent anti-corrosive wax which will penetrate after application and has a long shelf life. А В D Ε F Α 🗖 : Indicates anti-corrosive wax coated portions Н Section A-A Section B-B BRM Front Front L ALKIA0794GB Μ

Undercoating

The underside of the floor and wheelhouse are undercoated to prevent rust, vibration, noise and stone chipping. Therefore, when such a panel is replaced or repaired, apply undercoating to that part. Use an undercoating which is rust preventive, soundproof, vibration-proof, shock-resistant, adhesive, and durable.

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Precautions in Undercoating

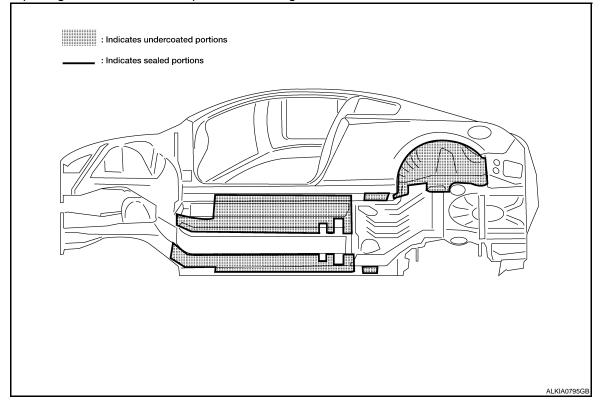
- 1. Do not apply undercoating to any place unless specified (such as the areas above the muffler and three way catalyst which are subjected to heat).
- 2. Do not undercoat the exhaust pipe or other parts which become hot.
- 3. Do not undercoat rotating parts.
- 4. Apply bitumen wax after applying undercoating.

CORROSION PROTECTION

< ON-VEHICLE REPAIR >

[COUPE]

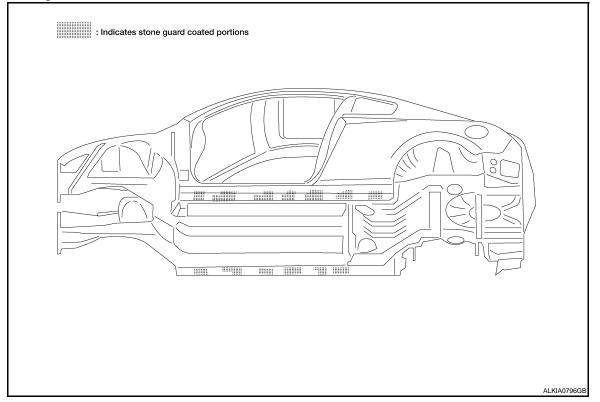
5. After putting seal on the vehicle, put undercoating on it.



Stone Guard Coat

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To prevent damage caused by stones, the lower outer body panel (fender, door, etc.) have an additional layer of Stone Guard Coating over the ED primer coating. When replacing or repairing these panels, apply Stone Guard coating to the same portions as before. Use a coating which is rust preventive, durable, shock-resistant and has a long shelf life.

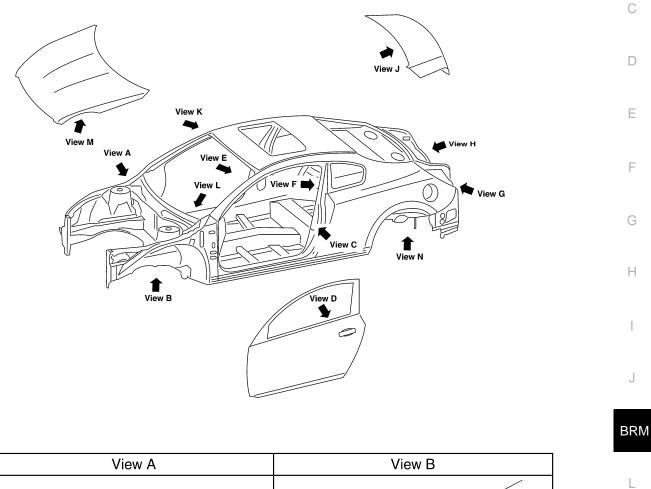


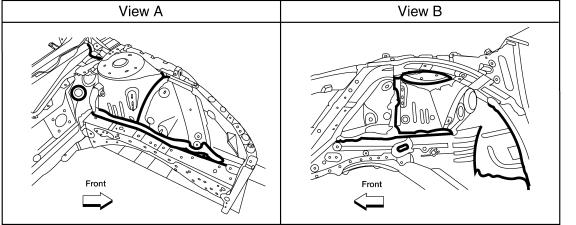
< ON-VEHICLE REPAIR >

BODY SEALING

Description

The following figure shows the areas which are sealed at the factory. Sealant which has been applied to these areas should be smooth and free from cuts or gaps. Care should be taken not to apply an excess amount of sealant and not to allow other unaffected parts to come into contact with the sealant.





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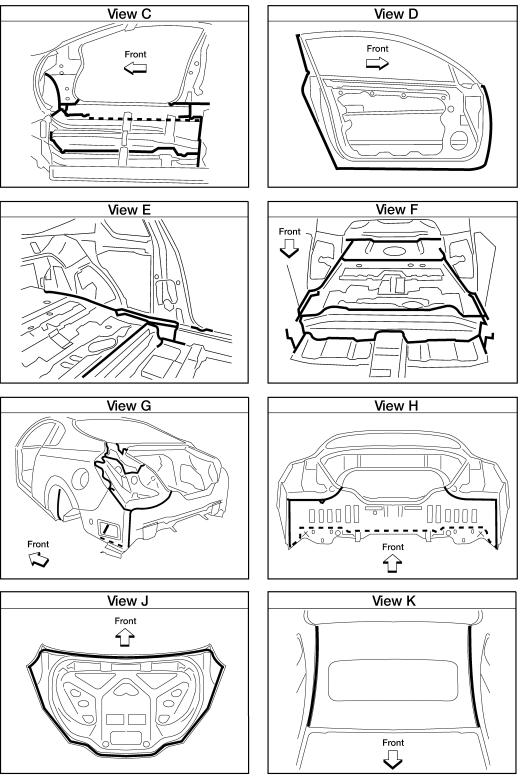
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BODY SEALING

< ON-VEHICLE REPAIR >

[COUPE]



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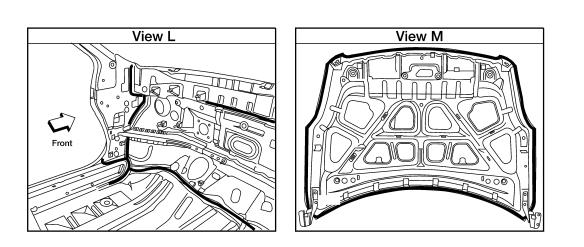
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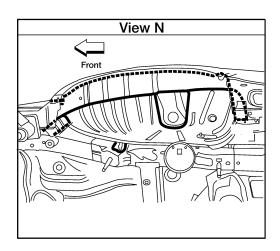
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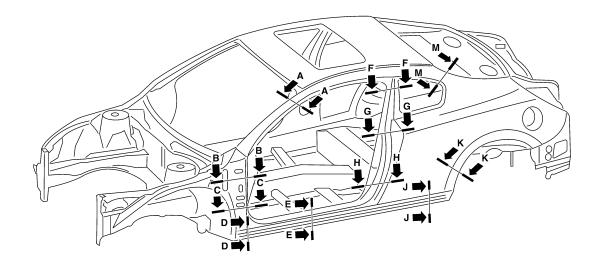
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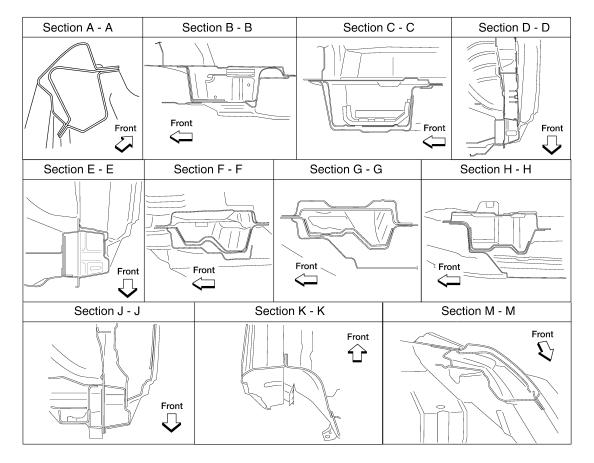
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BODY CONSTRUCTION

Body Construction

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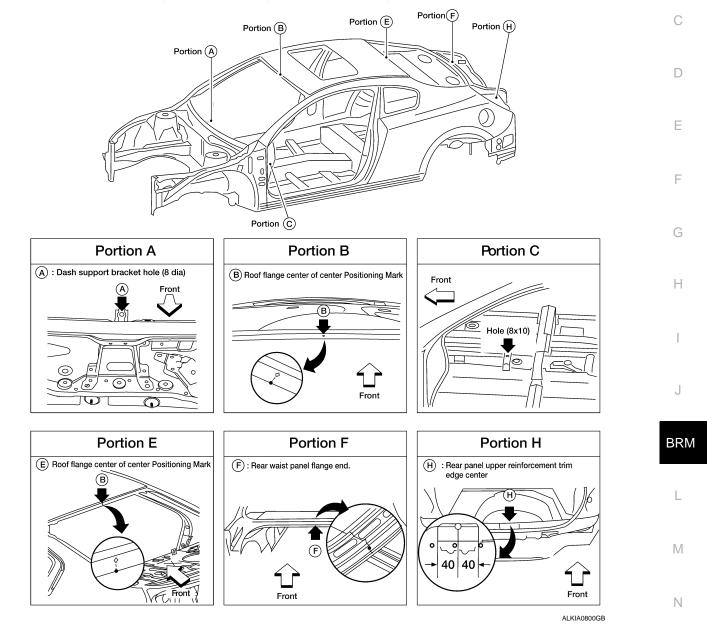




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Body Center Marks

A mark has been placed on each part of the body to indicate the vehicle center. When repairing parts damaged by an accident which might affect the vehicle frame (members, pillars, etc.), more accurate and effective repair will be possible by using these marks together with body alignment specifications.



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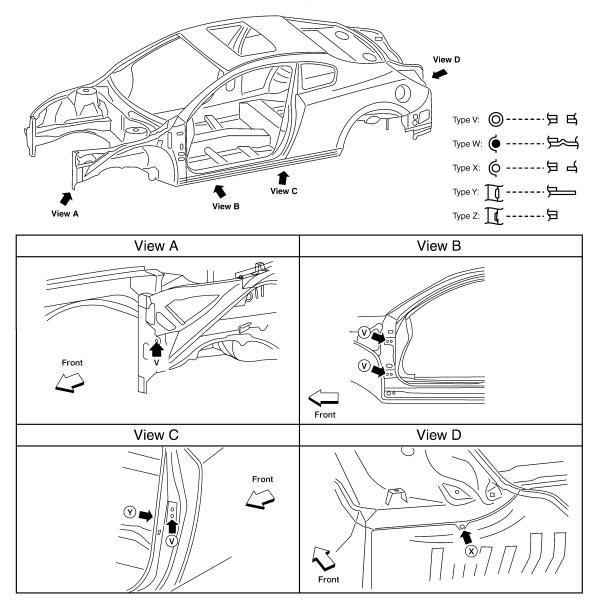
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[COUPE]

Panel Parts Matching Marks

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A mark has been placed on each body panel to indicate the parts matching positions. When repairing parts damaged by an accident which might affect the vehicle structure (members, pillars, etc.), more accurate and effective repair will be possible by using these marks together with body alignment specifications.

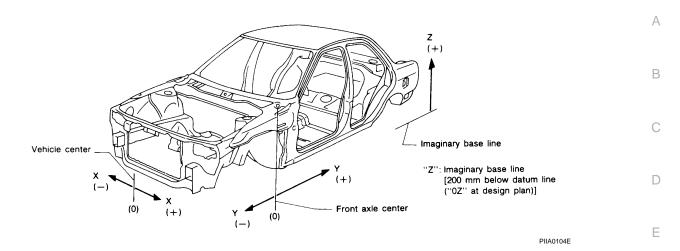


Description

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- All dimensions indicated in the figures are actual.
- When using a tracking gauge, adjust both pointers to equal length. Then check the pointers and gauge itself to make sure there is no free play.
- When a measuring tape is used, check to be sure there is no elongation, twisting or bending.
- Measurements should be taken at the center of the mounting holes.
- An asterisk (*) following the value at the measuring point indicates that the measuring point on the other side is symmetrically the same value.
- The coordinates of the measurement points are the distances measured from the standard line of "X", "Y" and "Z".



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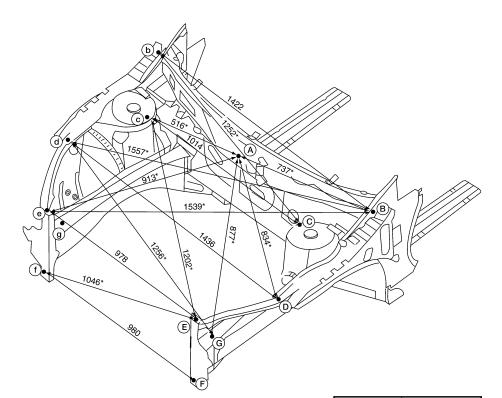
Engine Compartment

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[COUPE]

Measurement

Figures marked with a (*) indicate symmetrically identical dimensions on both right and left sides of the vehicle.



Point	Dimension
B ~ D	617*
B ~ E	989*
B ~ G	1512*
© ~ B	1268*
© ~ D	389*
© ~ E	673*
© ~ ©	630*
©~	1182*
D ~ G	394*
(E) ~ (G)	201*
G ~ g	990

Unit : mm

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< ON-VEHICLE REPAIR >

Measurement Points

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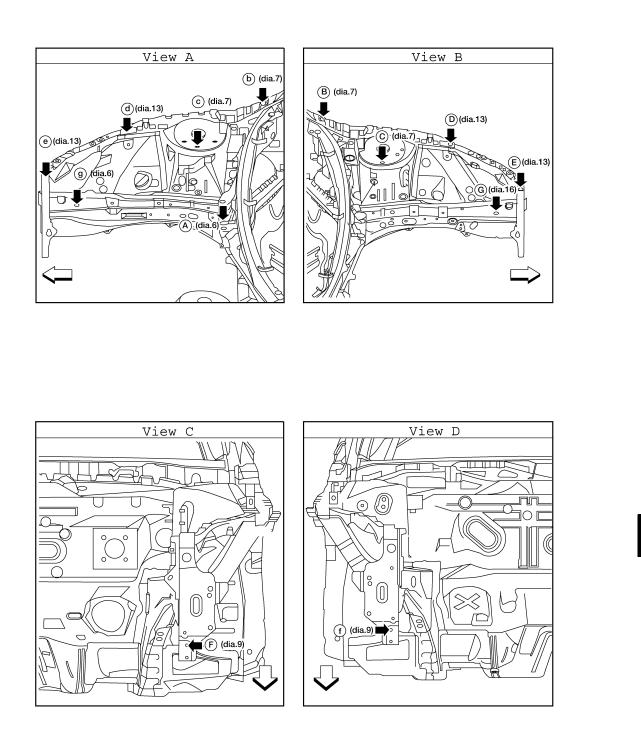
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Unit : mm

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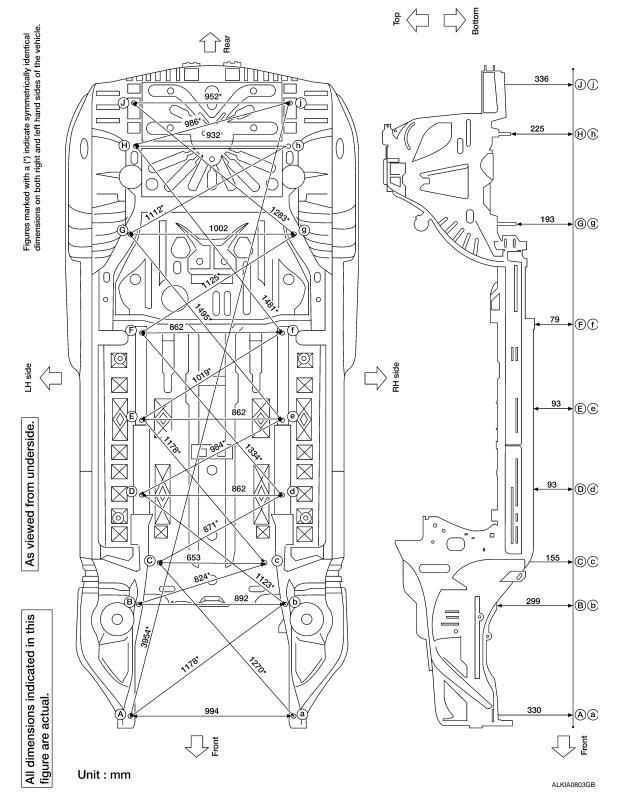
< ON-VEHICLE REPAIR >

Underbody

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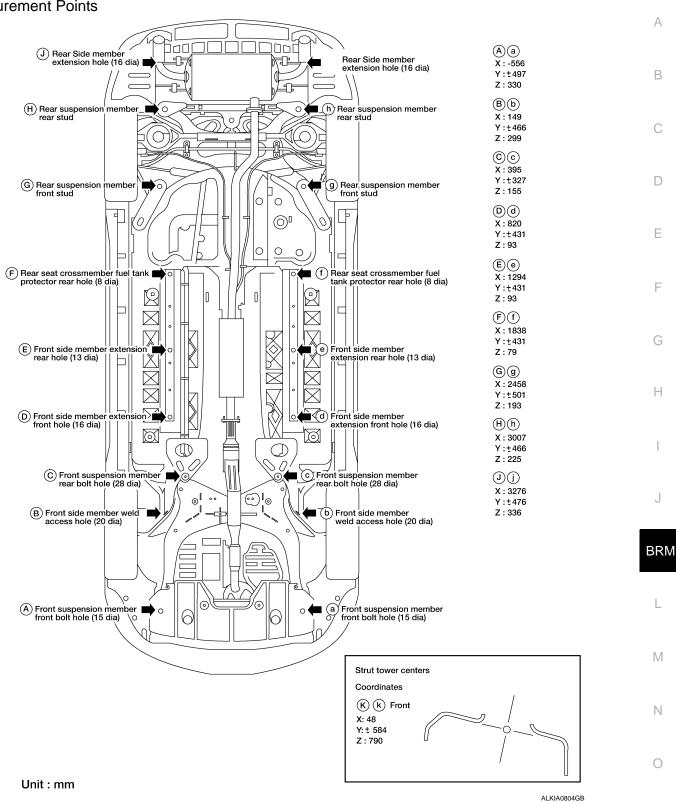
[COUPE]

Measurement



< ON-VEHICLE REPAIR >

Measurement Points



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Passenger Compartment

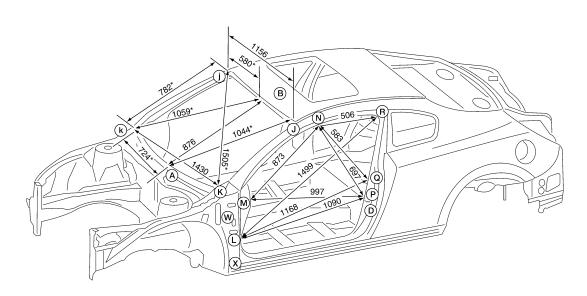
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[COUPE]

Measurement

Figures marked with a (*) indicate symmetrically identical dimensions on both right and left sides of the vehicle.

Unit : mm

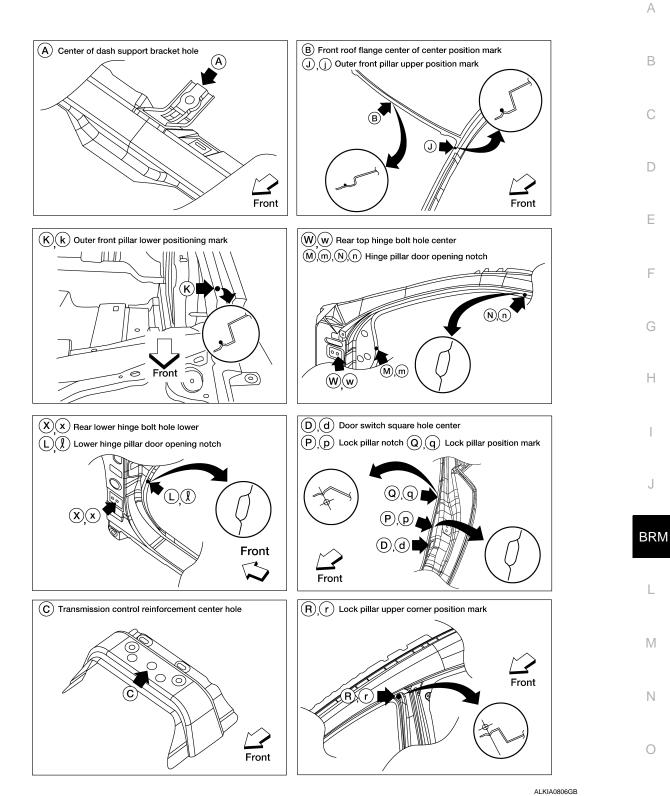


Point	Dimension	Point	Dimension	Point	Dimension
(A) ~ (C)	999	(j) ~ (C)	1071*	(P) ~ (C)	955*
(X) ~ (D)	1195	① ~ ①	918*	(P) ~ (P)	1472
(X) ~ (W)	320	L~ ()	1466	(q) ~ (C)	1040*
(A) ~ (e)	2029	(m) ~ (C)	932*	Q~q	1473
B ~ C	954	(M) ~ (m)	1443	(r) ~ (C)	1295*
(D ~ (W)	1200	(n) ~ (C)	1092*	R ~ r	1178
(E) ~ (C)	1497	N ~ n	1167	s ~ C	1594*

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< ON-VEHICLE REPAIR >

Measurement Points



< ON-VEHICLE REPAIR >

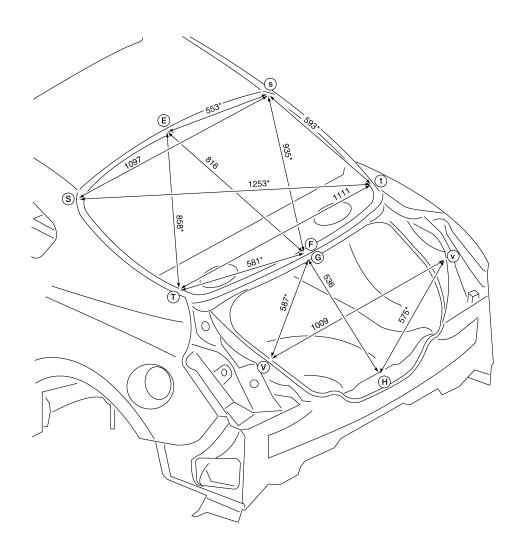
Rear Body

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[COUPE]

Measurement

Figures marked with a (*) indicate symmetrically identical dimensions on both right and left sides of the vehicle.



Unit : mm

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< ON-VEHICLE REPAIR >

Measurement Points

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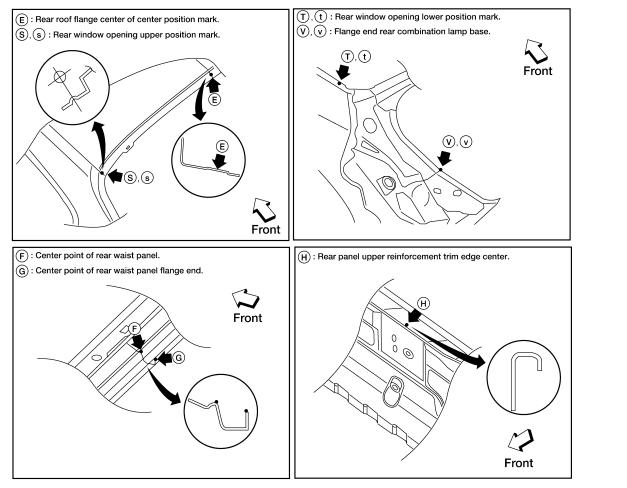
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PRECAUTIONS IN REPAIRING HIGH STRENGTH STEEL

< ON-VEHICLE REPAIR >

PRECAUTIONS IN REPAIRING HIGH STRENGTH STEEL

High Strength Steel (HSS)

INFOID:000000001345595

[COUPE]

High strength steel is used for body panels in order to reduce vehicle weight. Accordingly, precautions in repairing automotive bodies made of high strength steel are described below:

Tensile strength	Nissan/Infiniti designation	Major applicable parts
373 N/mm ² (38kg/mm ² ,54klb/sq in)	SP130	 Front side member assembly Hoodledge assembly Upper dash Front pillar reinforcement assembly Rear side member assembly Other reinforcements

SP130 is the most commonly used HSS.

Read the following precautions when repairing HSS:

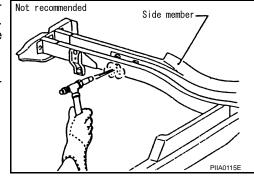
Additional points to consider 1.

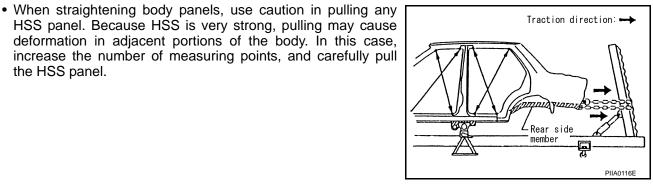
the HSS panel.

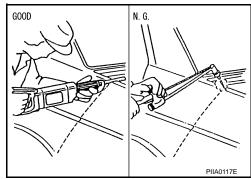
• The repair of reinforcements (such as side members) by heating is not recommended since it may weaken the component. When heating is unavoidable, do not heat HSS parts above 550°C (1,022°F).

Verify heating temperature with a thermometer.

(Crayon-type and other similar type thermometer are appropriate.)







• When cutting HSS panels, avoid gas (torch) cutting if possible. Instead, use a saw to avoid weakening surrounding areas due to heat. If gas (torch) cutting is unavoidable, allow a minimum margin of 50 mm (1.97in).

PRECAUTIONS IN REPAIRING HIGH STRENGTH STEEL

< ON-VEHICLE REPAIR >

• When welding HSS panels, use spot welding whenever possible in order to minimize weakening surrounding areas due to heat.

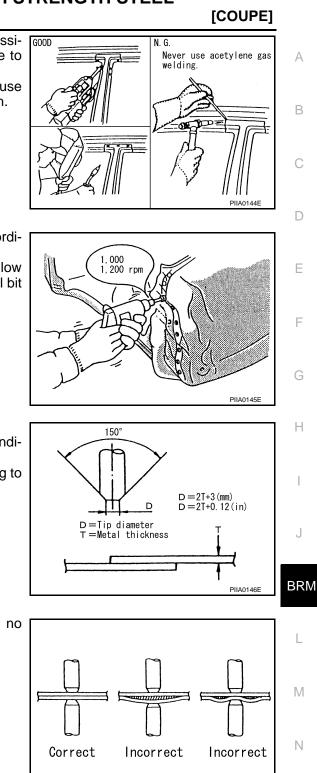
If spot welding is impossible, use M.I.G. welding. Do not use gas (torch) welding because it is inferior in welding strength.

• The spot weld on HSS panels is harder than that of an ordinary steel panel.

Therefore, when cutting spot welds on a HSS panel, use a low speed high torque drill (1,000 to 1,200 rpm) to increase drill bit durability and facilitate the operation.

- Precautions in spot welding HSS This work should be performed under standard working conditions. Always note the following when spot welding HSS:
 - The electrode tip diameter must be sized properly according to the metal thickness.

• The panel surfaces must fit flush to each other, leaving no gaps.



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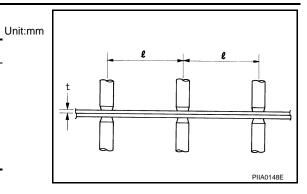
PRECAUTIONS IN REPAIRING HIGH STRENGTH STEEL

< ON-VEHICLE REPAIR >

[COUPE]

• Follow the specifications for the proper welding pitch.

Thickness (t)	Minimum pitch (I)
0.6 (0.024)	10 (0.39) or over
0.8 (0.031)	12 (0.47) or over
1.0 (0.039)	18 (0.71) or over
1.2 (0.047)	20 (0.79) or over
1.6 (0.063)	27 (1.06) or over
1.8 (0.071)	31 (1.22) or over



Description

INFOID:000000001345596

This section is prepared for technicians who have attained a high level of skill and experience in repairing collision-damaged vehicles and also use modern service tools and equipment. Persons unfamiliar with body repair techniques should not attempt to repair collision-damaged vehicles by using this section.

Technicians are also encouraged to read Body Repair Manual (Fundamentals) in order to ensure that the original functions and quality of the vehicle can be maintained. The Body Repair Manual (Fundamentals) contains additional information, including cautions and warning, that are not including in this manual. Technicians should refer to both manuals to ensure proper repairs.

Please note that these information are prepared for worldwide usage, and as such, certain procedures might not apply in some regions or countries.

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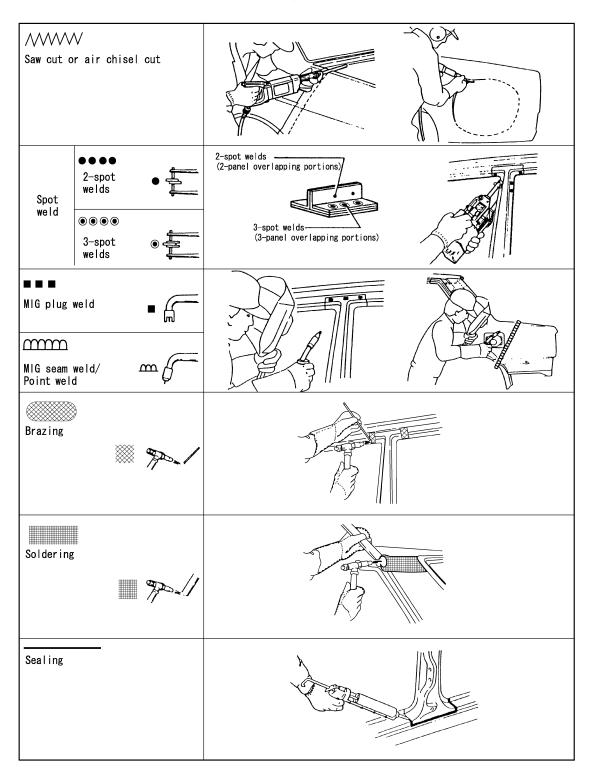
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< ON-VEHICLE REPAIR >

The symbols used in this section for cutting and welding / brazing operations are shown below.



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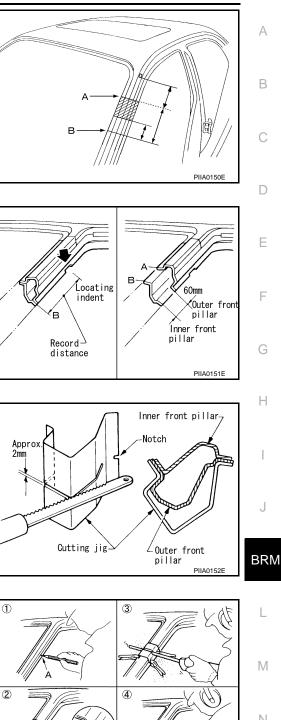
< ON-VEHICLE REPAIR >

• Front pillar butt joint can be determined anywhere within shaded area as shown in the figure. The best location for the butt joint is at position A due to the construction of the vehicle. Refer to the front pillar section.

• Determine cutting position and record distance from the locating indent. Use this distance when cutting the service part. Cut outer front pillar over 60 mm above inner front pillar cut position.

• Prepare a cutting jig to make outer pillar easier to cut. Also, this will permit service part to be accurately cut at joint position.

- An example of cutting operation using a cutting jig is as follows.
- 1. Mark cutting lines.
 - A: Cut position of outer pillar
 - B: Cut position of inner pillar
- 2. Align cutting line with notch on jig. Clamp jig to pillar.
- 3. Cut outer pillar along groove of jig. (At position A)
- 4. Remove jig and cut remaining portions.
- 5. Cut inner pillar at position B in same manner.



[COUPE]



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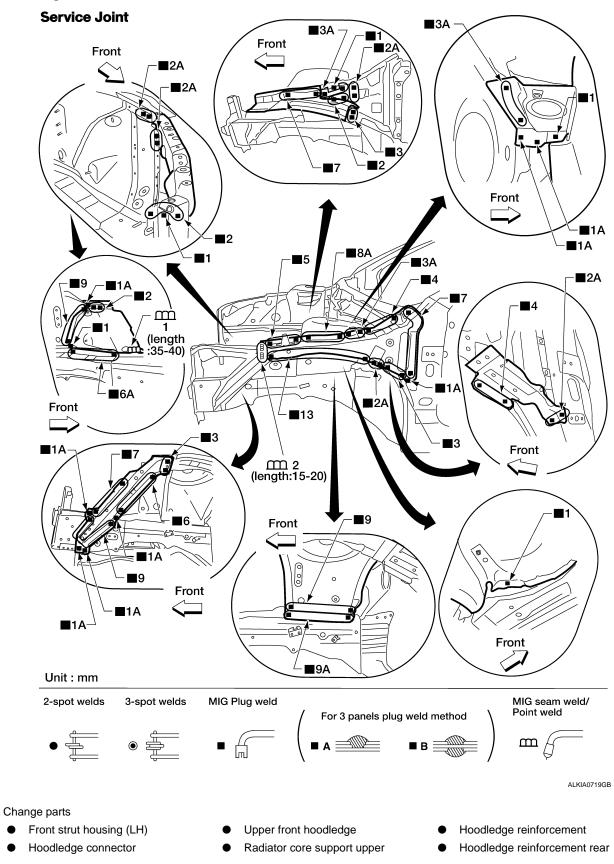
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< ON-VEHICLE REPAIR >

Hoodledge

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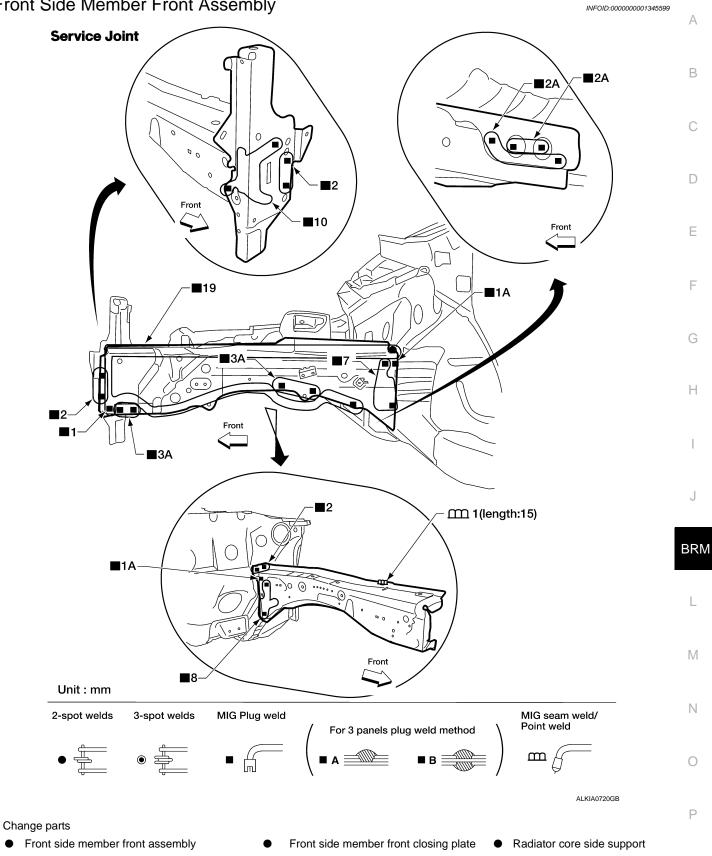
[COUPE] INFOID:000000001345597



< ON-VEHICLE REPAIR >

Front Side Member Front Assembly

[COUPE]



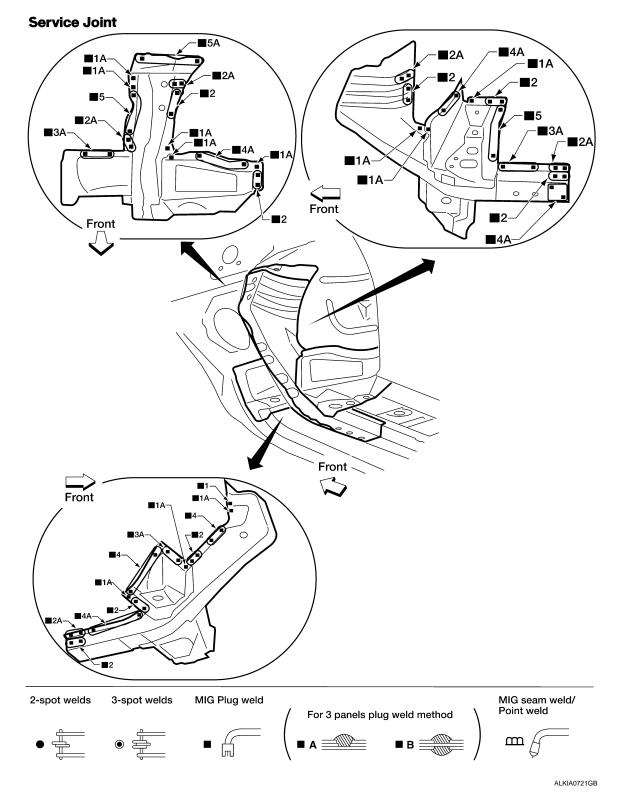
< ON-VEHICLE REPAIR >

Front Side Member

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[COUPE]

• Work after front side member front assembly has been removed.



Change parts

Front side member assembly

< ON-VEHICLE REPAIR >

Front Pillar

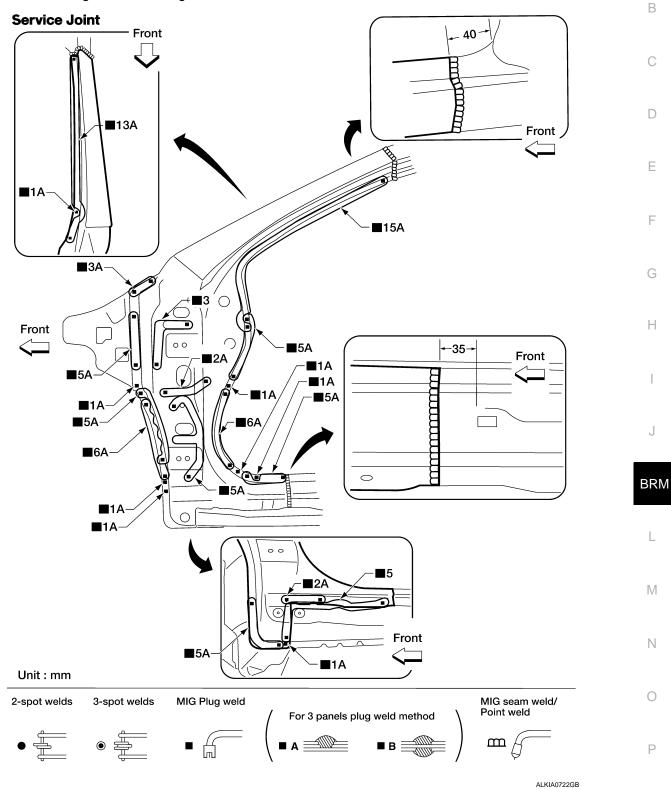
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[COUPE]

А

OUTER

• Work after hoodledge and hoodledge reinforcement rear has been removed.



Change parts

• Front pillar section of body side outer

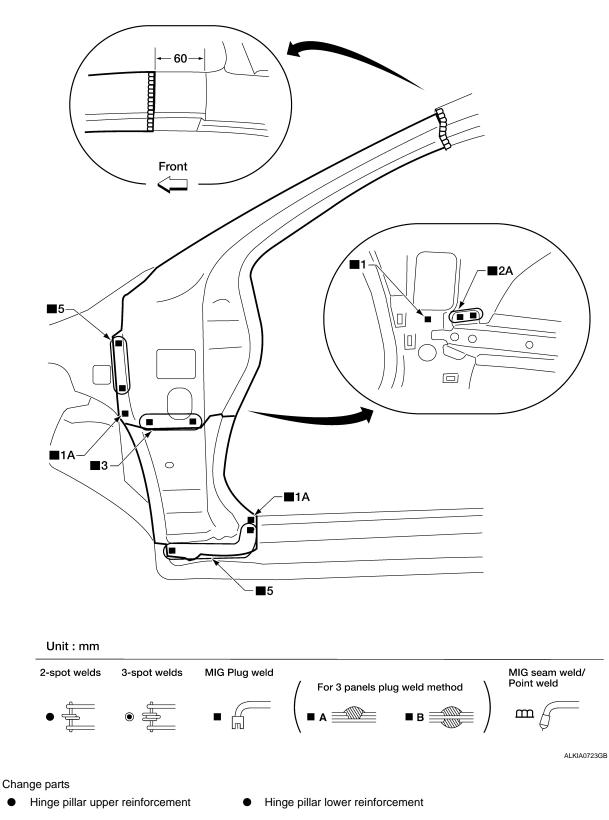
REINFORCEMENT

< ON-VEHICLE REPAIR >

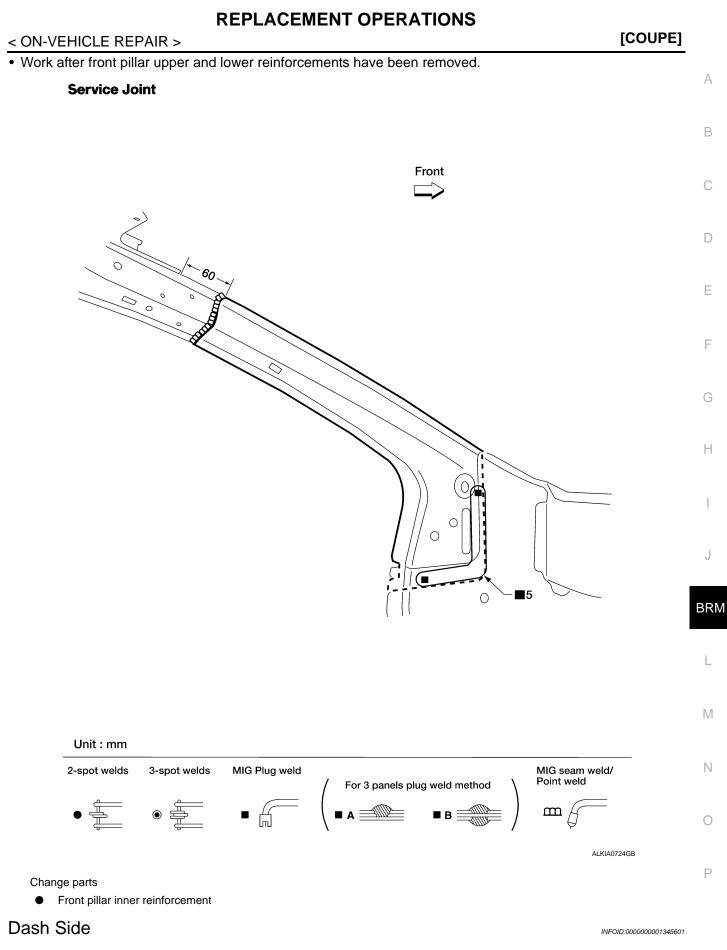
[COUPE]

• Work after front pillar outer has been removed.

Service Joint

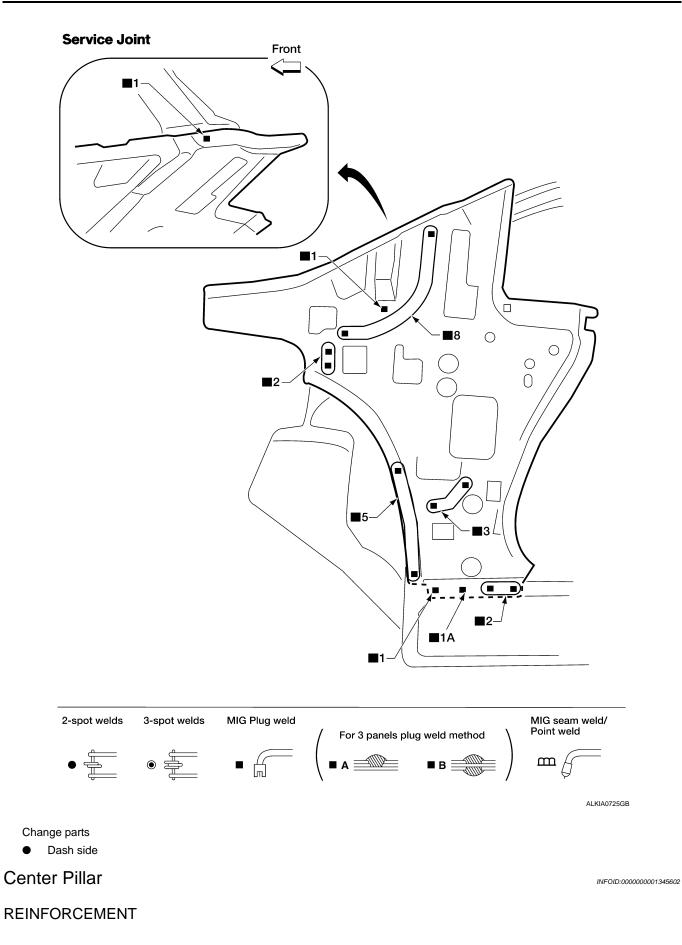


INNER



Work with front pillar reinforcement removed.

[COUPE]



< ON-VEHICLE REPAIR >

work after rear fender has been removed.

А **Service Joint** В С Ο manning **4**A D Π ſ **6**5 **2**A 30 Ε F O **2**A G Н 0 Front 0 17 J **■**1A ∎1A BRM ■1A L Μ 8 Unit : mm Ν 2-spot welds 3-spot welds MIG Plug weld MIG seam weld/ Point weld For 3 panels plug weld method m ĥ ■ A = ■ в Ξ Ο ALKIA0726GB Ρ

Change parts

• Lock pillar reinforcement

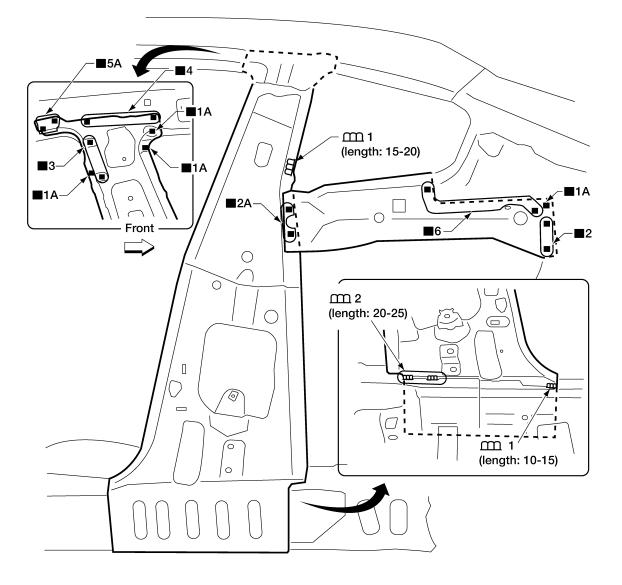
INNER

< ON-VEHICLE REPAIR >

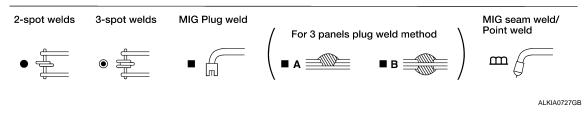
[COUPE]

Work after center pillar reinforcement and outer sill have been removed.

Service Joint



Unit : mm



Change parts

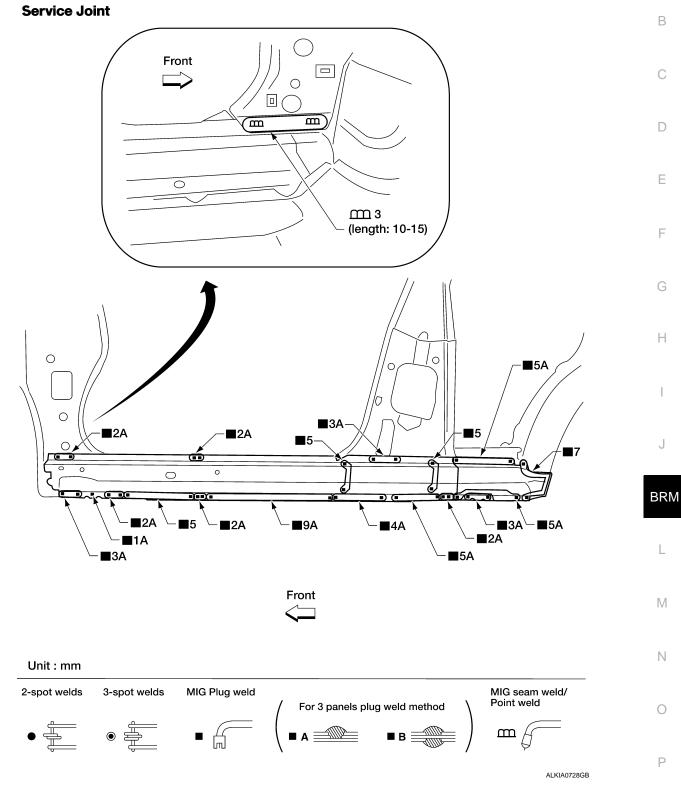
• Lock pillar inner

Rear pillar inner

< ON-VEHICLE REPAIR >

Outer Sill Reinforcement

Work after the front pillar reinforcement and lock pillar reinforcement have been removed.



Change parts

Outer sill reinforcement •

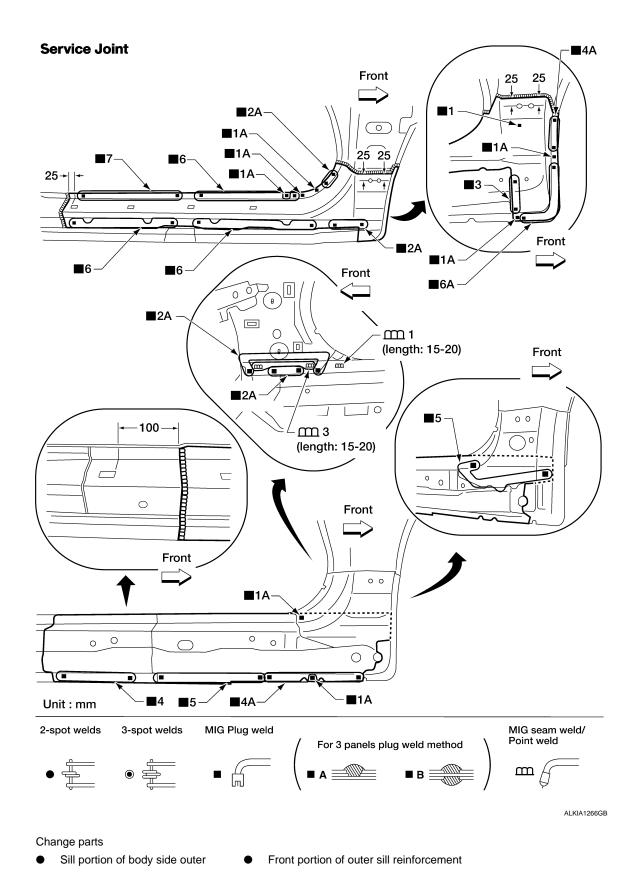
[COUPE]

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Sill Partial

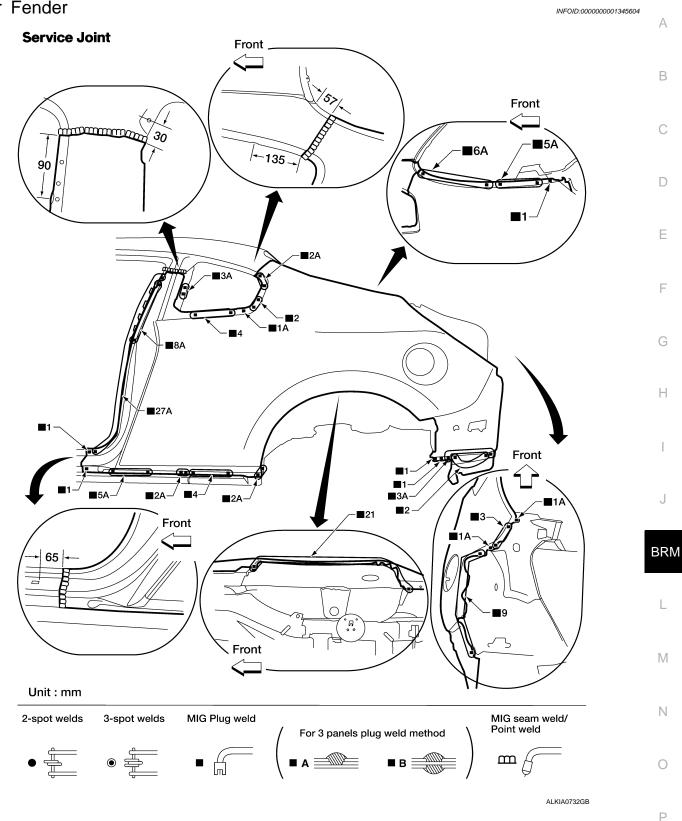
[COUPE]



< ON-VEHICLE REPAIR >

Rear Fender

[COUPE]



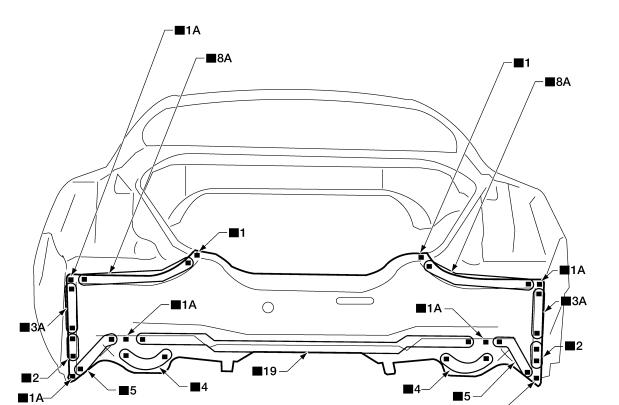
Change parts

Rear fender

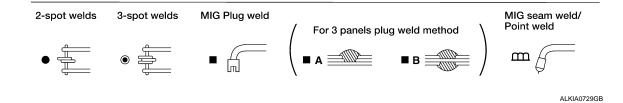
Rear Panel

Service Joint

[COUPE]



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Change parts

• Rear panel assembly

< ON-VEHICLE REPAIR >

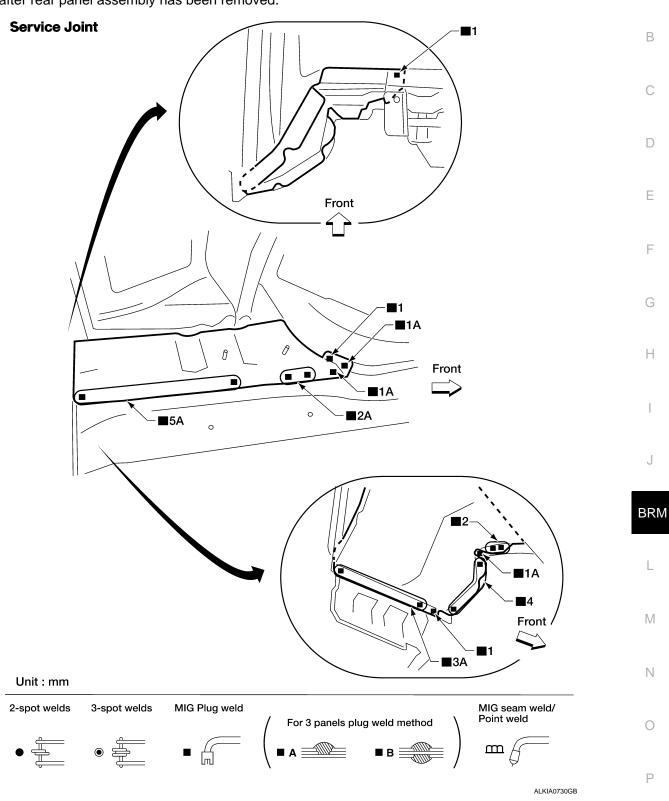
Rear Floor Rear LH

[COUPE]

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• Work after rear panel assembly has been removed.



Change parts

• Rear floor rear LH

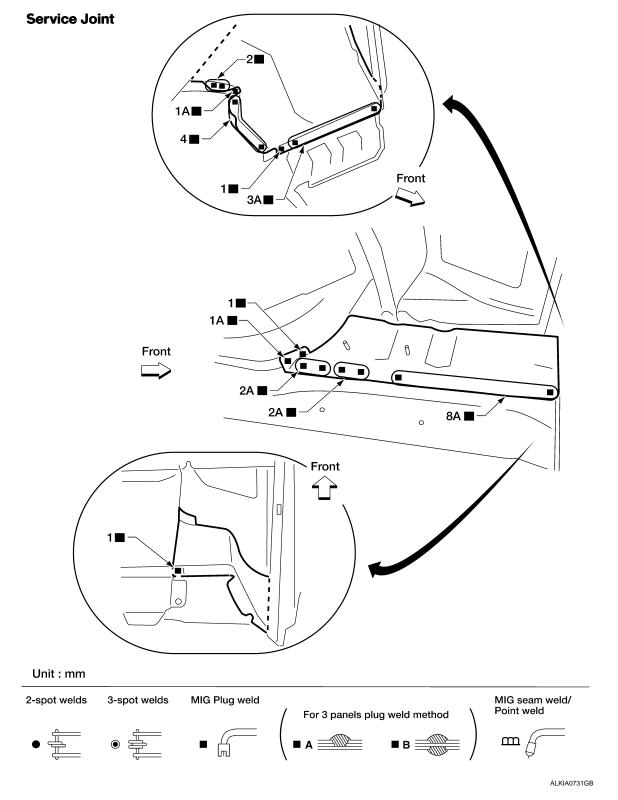
< ON-VEHICLE REPAIR >

Rear Floor Rear RH

INFOID:000000001527653

[COUPE]

• Work after rear panel assembly has been removed.



Change parts

• Rear floor rear RH

< ON-VEHICLE REPAIR >

Rear Floor Rear

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[COUPE]

• Work after rear panel assembly, rear floor rear LH, and rear floor rear RH have been removed.

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MIG Plug weld

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Service Joint

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3-spot welds

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MIG seam weld/ Point weld

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Change parts

Rear floor rear

2-spot welds

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Front

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For 3 panels plug weld method

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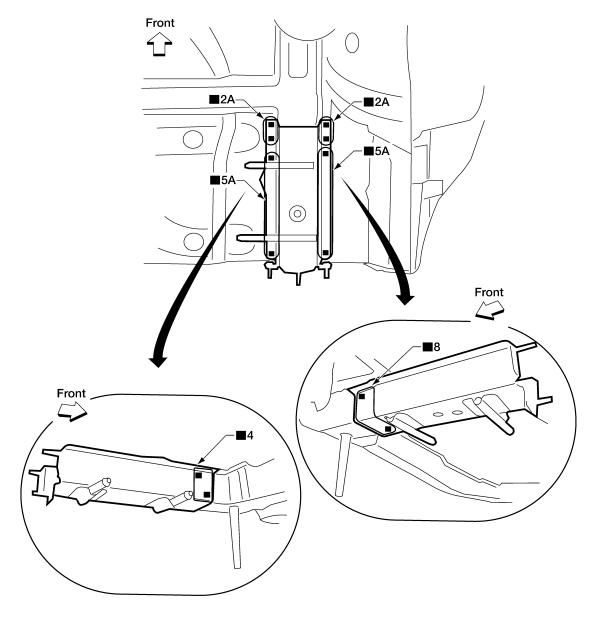
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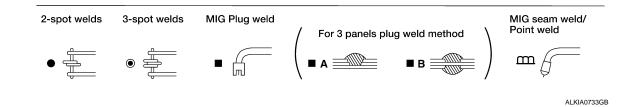
Rear Side Member Extension

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• Work after rear panel assembly has been removed.

Service Joint





Change parts

• Rear side member extension

< ON-VEHICLE REPAIR >

Foam Repair

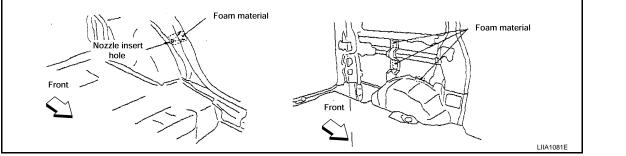
During factory assembly, foam insulators are installed in certain body panels and locations around the vehicle. Use the following procedure(s) to replace any factory-installed foam insulators.

URETHANE FOAM APPLICATIONS

Use commercially available spray for sealant (foam material) repair of material used on vehicle. Read instructions on product for fill procedures.

FILL PROCEDURES

- 1. Fill procedures after installation service part.
 - Remove foam material remaining on vehicle side.
 - Clean area in which foam was removed.
 - Install service part.
 - Insert nozzle into hole near fill area and fill foam material or fill in enough to close gap with service part.



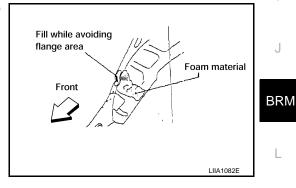
- 2. Fill procedures before installation service part
- Remove foam material remaining on vehicle side.
- Clean area in which foam material on wheelhouse outer side. **NOTE:**

Fill in enough to close gap with service part while avoiding flange area.

Install service part.

NOTE:

Refer to label for information on working times.



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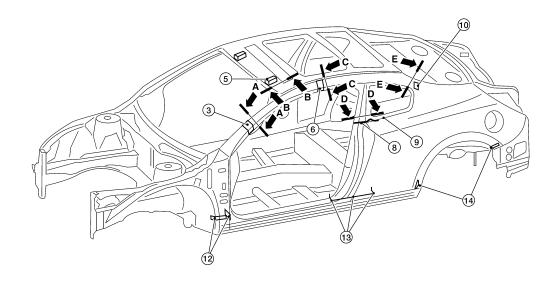
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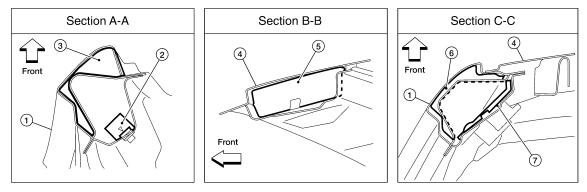
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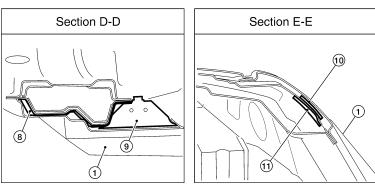
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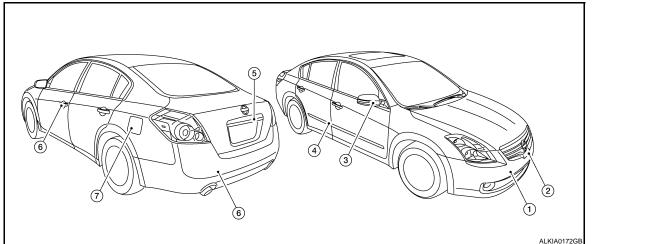


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- 1. Body side outer
- 4. Roof panel assembly
- 7. Body side insulation (expanding foam baffle) roof side
- 10. Body side insulation (expanding foam tape) upper rear pillar
- 13. body side insulation (expanding foam tape) lock pillar lower
- 2. Body side insulation (expanding foam baffle) upper front pillar
- 5. Roof panel insulation (expanding foam baffle) front roof rail
- 8. Body side insulation (expanding foam tape) lock pillar upper
- 11. Body side insulation (expanding foam tape) inner upper rear pillar
- 14. Body side insulation (expanding foam tape) rear wheel well
- 3. Body side insulation (expanding foam tape) front pillar
- 6. Body side insulation (expanding foam tape) rear pillar
- 9. 9.Body side insulation (expanding foam baffle) lock pillar upper
- 12. Body side insulation (expanding foam tape) hinge pillar lower

FEATURES OF NEW MODEL BODY EXTERIOR PAINT COLOR

Body Exterior Paint Color



			Color code	A15	BW9	C43	J40	K12	K50	KH3	QX3	W40	G
Component		Description	Sono- ma Sunset	Majes- tic Blue	Pebble Beach	Metallic Jade	Radi- ant Sil- ver	Dark- Slate	Super Black	Winter Frost	Preci- sion Grey	Н	
		Paint type	PM	PM	М	PM	М	М	2S	3P	М		
			Hard clear coat	×	×	×	-	×	-	-	-	-	
1	Bumper fas- cia		Body color	A15	BW9	C43	J40	K12	K50	KH3	QX3	BWV2	
2	Front grille		Chromium- plate + Smoke clear	Cr + HFM- 09	Cr + HFM- 09	Cr + HFM- 09	Cr + HFM- 09	Cr + HFM- 09	Cr + HFM- 09	Cr + HFM- 09	Cr + HFM- 09	Cr + HFM- 09	J
3	Door outside mirror	Case	Body color	A15	BW9	C43	J40	K12	K50	КНЗ	QX3	BWV2	BRN
4	Body side molding		Body color	A15	BW9	C43	J40	K12	K50	KH3	QX3	BWV2	
5	License plate finisher		Body color	A15	BW9	C43	J40	K12	K50	KH3	QX3	BWV2	
6	Door outside handle		Chromium- plate	Cr	Cr	Cr	Cr	Cr	Cr	Cr	Cr	Cr	M
7	Fuel filler lid		Body color	A15	BW9	C43	J40	K12	K50	KH3	QX3	BWV2	

M=Metallic, S= Solid, 2S= Solid and Clear, 2P= 2-stage Pearl, 3P= 3-Stage pearl, PM=Pearl metallic, Black is solvent based, all others are water based.

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HANDLING PRECAUTIONS FOR PLASTICS

< PRECAUTION >

[SEDAN]

PRECAUTION HANDLING PRECAUTIONS FOR PLASTICS

Precautions For Plastics

INFOID:000000003110806

Abbre- viation	Material name	Heatresisting temperature °C(°F)	Resistance to gasoline and solvents	Other cautions	
PE	Polyethylene	60(140)	Gasoline and most solvents are harmless if applied for a very short time (wipe up quickly).	Flammable	
PVC	Poly Vinyl Chloride	80(176)	Same as above.	Poison gas is emitted when burned.	
EPM/ EPDM	Ethylene Propylene (Diene) co- polymer	80(176)	Same as above.	Flammable	
PP	Polypropylene	90(194)	Same as above.	Flammable, avoid bat- tery acid.	
UP	Unsaturated Polyester	90(194)	Same as above.	Flammable	
PS	Polystyrene	80(176)	Avoid solvents.	Flammable	
ABS	Acrylonitrile Butadiene Styrene	80(176)	Avoid gasoline and solvents.		
PMMA	Poly Methyl Methacrylate	85(185)	Same as above.		
EVAC	Ethylene Vinyl Acetate	90(194)	Same as above.		
ASA	Acrylonitrile Styrene Acrylate	100(222)	Same as above.	Flammable	
PPE	Poly Phenylene Ether	110(230)	Same as above.		
PC	Polycarbonate	120(248)	Same as above.		
PAR	Polyarylate	180(356)	Same as above.		
PUR	Polyurethane	90(194)	Same as above.		
POM	Poly Oxymethylene	120(248)	Same as above.	Avoid battery acid.	
PBT+ PC	Poly Butylene Terephthalate + Polycarbonate	120(248)	Same as above.	Flammable	
PA	Polyamide	140(284)	Same as above.	Avoid immersing in wa- ter.	
PBT	Poly Butylene Terephthalate	140(284)	Same as above.		
PET	Polyester	180(356)	Same as above.		
PEI	Polyetherimide	200(392)	Same as above.		

1. When repairing and painting a portion of the body adjacent to plastic parts, consider their characteristics (influence of heat and solvent) and remove them if necessary or take suitable measures to protect them.

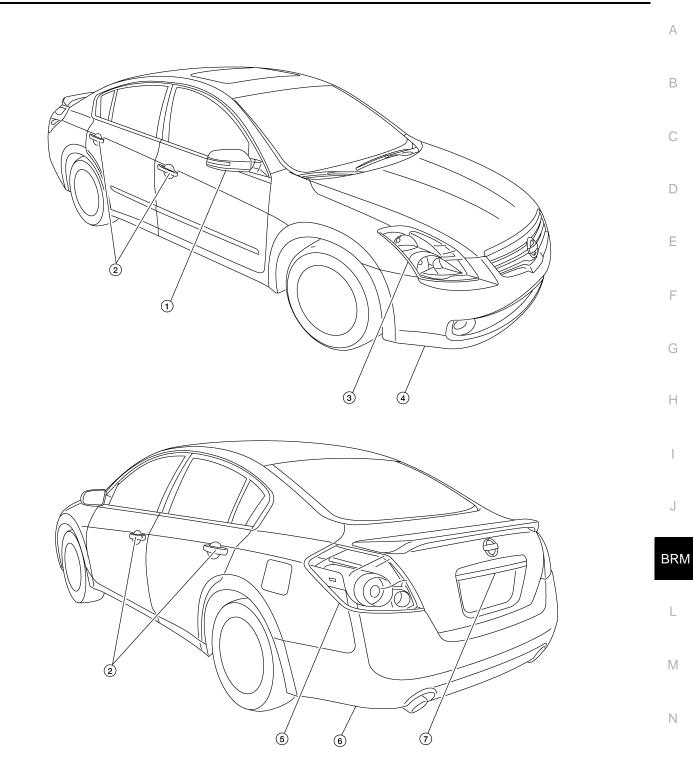
2. Plastic parts should be repaired and painted using methods suiting the materials[,] characteristics.

LOCATION OF PLASTIC PARTS

HANDLING PRECAUTIONS FOR PLASTICS

< PRECAUTION >

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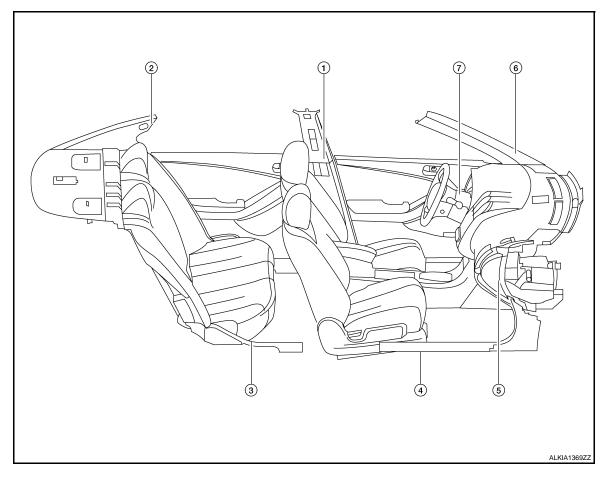
Item	Component		Abbreviation	Material
1	Door Mirror	Case	ASA	Acronitrile Styrene Acrylate
1.		Skull cap	ABS	Acronitrile Butadiene Acrylate
2	Outside door handle	Grip	PC	Polycarbonate
۷.		Escutcheon	PA	Polyamide (Nylon)

HANDLING PRECAUTIONS FOR PLASTICS

< PRECAUTION >

[SEDAN]

Item	Component		Abbreviation	Material
3.	Front combination lamp	Lens	PC	Polycarbonate
5.	Tront combination lamp	Housing	PP	Polypropylene
4.	4. Front bumper fascia		PP + EPM	Polypropylene + Ethylene Propylene (Diene) copolymer
5.	Rear combination lamp	Lens	PMMA	Poly Methyl Methacrylate
5.		Housing	ABS	Acronitrile Butadiene Acrylate
6.	Rear bumper fascia		PP + EPM	Polypropylene + Ethylene Propylene (Diene) copolymer
7.	Trunk lid finisher		ABS + PC	Acronitrile Butadiene Acrylate + Polycarbon- ate



Item	Component	Abbreviation	Material
1.	Center pillar trim	PP	Polypropylene
2.	Upper quarter trim	PP	Polycarbonate
3.	Rear inner kicking plate	PP	Polypropylene
4.	Front inner kicking plate	PP	Polypropylene
5.	Dash side finisher	PP	Polypropylene
6.	Front pillar garnish	PP	Polypropylene
7.	Steering column covers	PP	Polypropylene

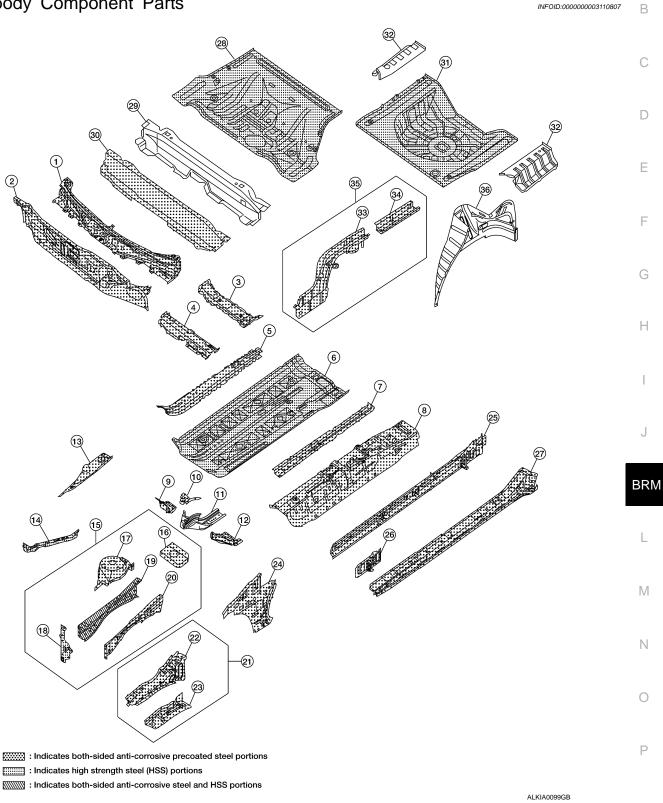


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ON-VEHICLE REPAIR BODY COMPONENT PARTS

Underbody Component Parts



- 1. Upper dash assembly
- 2. Lower dash crossmember reinforcement
- 3. Rear crossmember (RH, LH)

- 25. Inner sill (RH, LH)
- 26. Outer sill support bracket (RH, LH)
- 27. Outer sill (RH, LH)
- BRM-59

BODY COMPONENT PARTS

< ON-VEHICLE REPAIR >

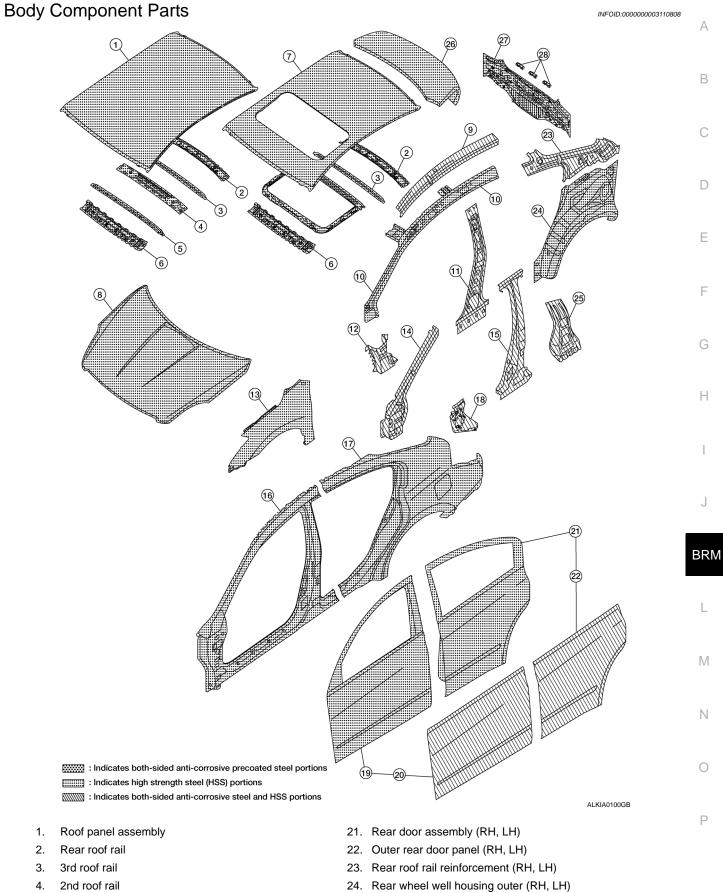
- 4. Front crossmember (RHLH)
- 5. Front sidemember reinforcement upper (RHLH)
- 6. Front floor assembly (RHLH)
- 7. Front sidemember reinforcement lower
- 8. Front floor center
- 9. Front suspension member plate (RH, LH)
- 10. Front sidemember cap (RH, LH)
- 11. Front sidemember (RH, LH)
- 12. Outrigger (RH, LH)
- 13. Lower hoodledge support (RH, LH)
- 14. Radiator core support (RH, LH)
- 15. Front sidemember assembly (RH, LH)
- 16. Strut housing bracket (RH, LH)
- 17. Strut housing (RH, LH)
- 18. Radiator core support side (RH, LH)
- 19. Front sidemember extension (RH, LH)
- 20. Closing plate (RH, LH)
- 21. Hoodledge assembly (RH, LH)
- 22. Upper hoodledge (RH, LH)
- 23. Upper hoodledge lower (RH, LH)
- 24. Dash side (RH, LH)

- 28. Rear floor front
- 29. Rear seat crossmember
- 30. Rear seat crossmember lower
- 31. Rear floor rear
- 32. Rear floor rear side (RH, LH)
- 33. Rear side member (RH, LH)
- 34. Rear side member extension (RH, LH)
- 35. Rear side member assembly (RH, LH)
- 36. Rear wheel housing outer (RH, LH)

BODY COMPONENT PARTS



[SEDAN]



- 5. 1st roof rail
- 6. Front roof rail

- 25. Rear pillar inner reinforcement (RH, LH)
- 26. Trunk lid assembly (RH, LH)

BODY COMPONENT PARTS

< ON-VEHICLE REPAIR >

- 7. Sun roof panel assembly
- 8. Hood assembly
- 9. Roof side rail reinforcement (RH, LH)
- 10. Outer roof side rail (RH, LH)
- 11. Inner center pillar (RH,LH)
- 12. Front pillar reinforcement (RHLH)
- 13. Fender (RH, LH)
- 14. Front pillar inner (RH, LH)
- 15. Center pillar reinforcement (RH, LH)
- 16. Side body (RH, LH)
- 17. Rear fender (RH, LH)
- 18. Rear fender corner (RH, LH)
- 19. Front door assembly (RH, LH)
- 20. Outer front door panel (RH, LH)

27. Rear bumper fascia center bracket (RH, LH)

CORROSION PROTECTION

< ON-VEHICLE REPAIR >

CORROSION PROTECTION

Description

To provide improved corrosion prevention, the following anti-corrosive measures have been implemented in NISSAN production plants. When repairing or replacing body panels, it is necessary to use the same anti-corrosive measures.

Anti-Corrosive Precoated Steel (Galvannealed Steel)

To improve repairability and corrosion resistance, a new type of anticorrosive precoated steel sheet has been adopted replacing conventional zinc-coated steel sheet.

Galvannealed steel is electroplated and heated to form Zinc-iron alloy, which provides excellent and long term corrosion resistance with cationic electrodeposition primer.

Nissan Genuine Service Parts are fabricated from galvannealed steel. Therefore, it is recommended that GENUINE NISSAN PARTS or equivalent be used for panel replacement to maintain the anti-corrosive performance built into the vehicle at the factory.

Phosphate Coating Treatment and Cationic Electrodeposition Primer

A phosphate coating treatment and a cationic electrodeposition primer, which provide excellent corrosion protection, are employed on all body components.

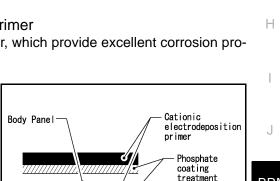
CAUTION:

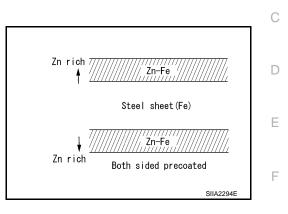
Confine paint removal during welding operations to an absolute minimum.

Nissan Genuine Service Parts are also treated in the same manner. Therefore, it is recommended that GENU-INE NISSAN PARTS or equivalent be used for panel replacement to maintain anti-corrosive performance built into the vehicle at the factory.

Anti-Corrosive Wax

To improve corrosion resistance, anti-corrosive wax is applied inside the body sill and inside other closed sections. Accordingly, when replacing these parts, be sure to apply anti-corrosive wax to the appropriate areas of





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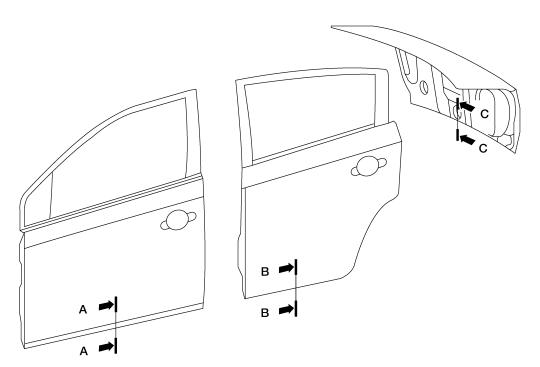
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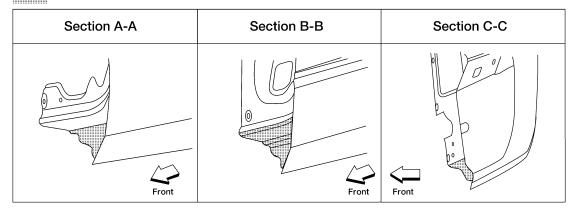
CORROSION PROTECTION

< ON-VEHICLE REPAIR >

the new parts. Select an excellent anti-corrosive wax which will penetrate after application and has a long shelf life.



: Indicates anti-corrosive wax coated portions



ALKIA0146GB

Undercoating

INFOID:000000003110811

The underside of the floor and wheelhouse are undercoated to prevent rust, vibration, noise and stone chipping. Therefore, when such a panel is replaced or repaired, apply undercoating to that part. Use an undercoating which is rust preventive, soundproof, vibration-proof, shock-resistant, adhesive, and durable.

Precautions in Undercoating

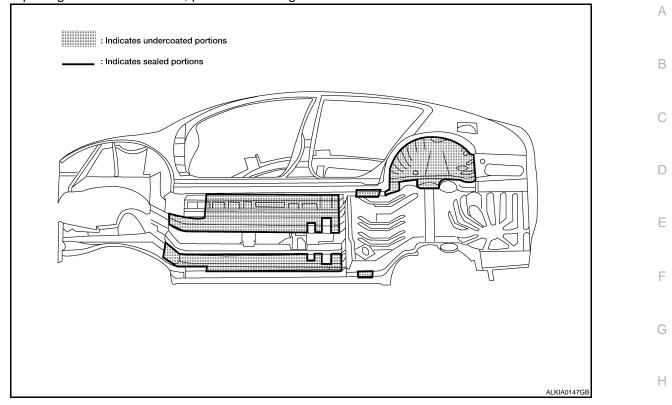
- 1. Do not apply undercoating to any place unless specified (such as the areas above the muffler and three way catalyst which are subjected to heat).
- 2. Do not undercoat the exhaust pipe or other parts which become hot.
- 3. Do not undercoat rotating parts.
- 4. Apply bitumen wax after applying undercoating.

CORROSION PROTECTION

< ON-VEHICLE REPAIR >

[SEDAN]

5. After putting seal on the vehicle, put undercoating on it.

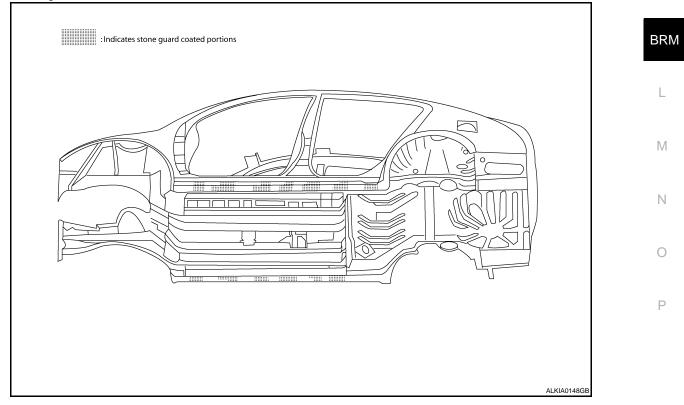


Stone Guard Coat

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To prevent damage caused by stones, the lower outer body panel (fender, door, etc.) have an additional layer of Stone Guard Coating over the ED primer coating. When replacing or repairing these panels, apply Stone Guard coating to the same portions as before. Use a coating which is rust preventive, durable, shock-resistant and has a long shelf life.



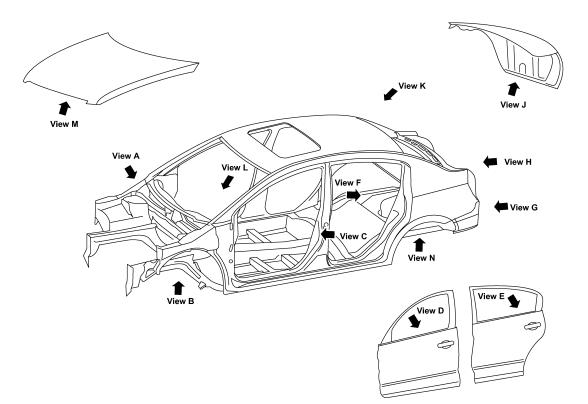
< ON-VEHICLE REPAIR >

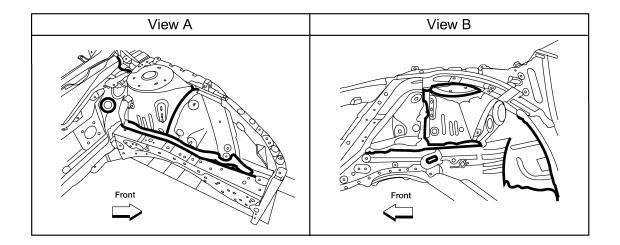
BODY SEALING

Description

INFOID:000000003110813

The following figure shows the areas which are sealed at the factory. Sealant which has been applied to these areas should be smooth and free from cuts or gaps. Care should be taken not to apply an excess amount of sealant and not to allow other unaffected parts to come into contact with the sealant.



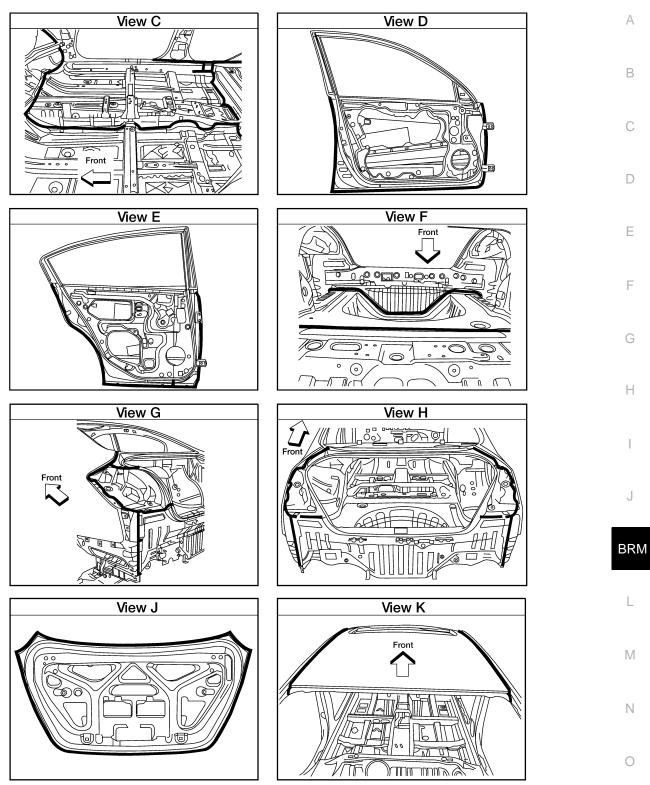


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BODY SEALING

< ON-VEHICLE REPAIR >

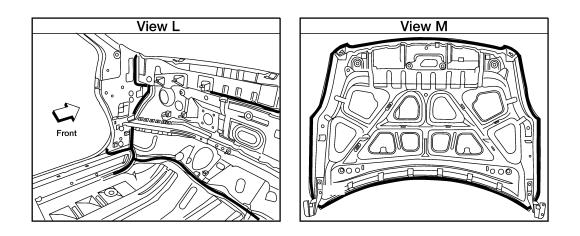
[SEDAN]

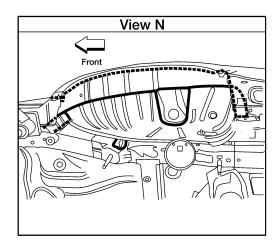


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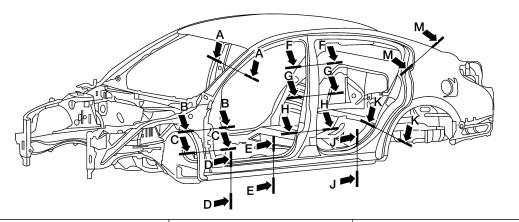
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< ON-VEHICLE REPAIR >

BODY CONSTRUCTION

Body Construction

INFOID:000000003110814



Section A-A	Section B-B	Section C-C
0		
Section D-D	Section E-E	Section F-F
Section G-G	Section H-H	Section J-J
Section K-K	Section M-M	
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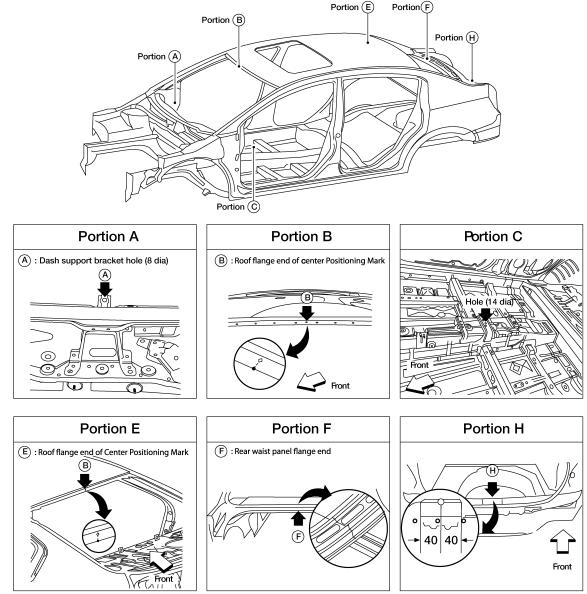
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BODY ALIGNMENT

Body Center Marks

INFOID:000000003110815

A mark has been placed on each part of the body to indicate the vehicle center. When repairing parts damaged by an accident which might affect the vehicle frame (members, pillars, etc.), more accurate and effective repair will be possible by using these marks together with body alignment specifications.



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< ON-VEHICLE REPAIR >

[SEDAN]

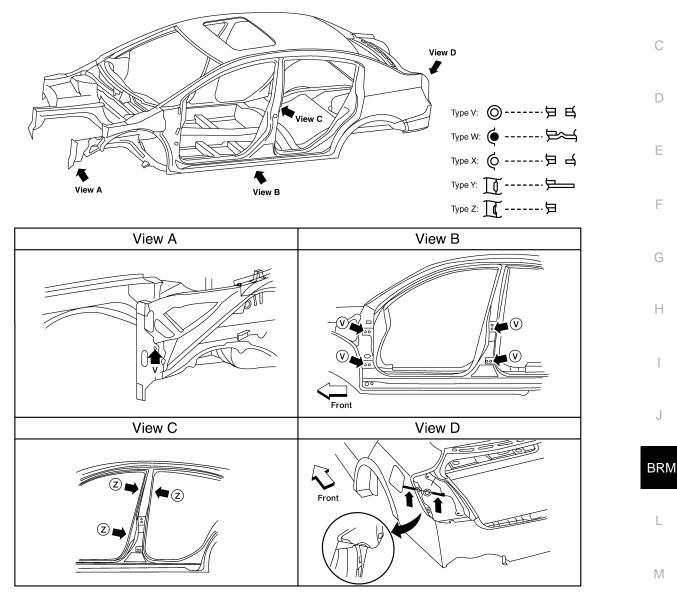
Panel Parts Matching Marks

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A mark has been placed on each body panel to indicate the parts matching positions. When repairing parts damaged by an accident which might affect the vehicle structure (members, pillars, etc.), more accurate and effective repair will be possible by using these marks together with body alignment specifications.



Description

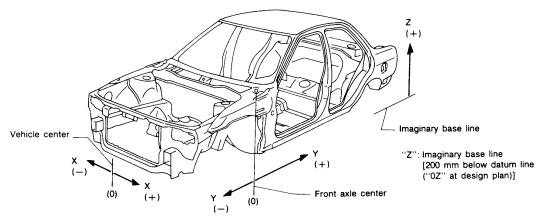
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- All dimensions indicated in the figures are actual.
- When using a tracking gauge, adjust both pointers to equal length. Then check the pointers and gauge itself
 to make sure there is no free play.
- When a measuring tape is used, check to be sure there is no elongation, twisting or bending.
- Measurements should be taken at the center of the mounting holes.
- An asterisk (*) following the value at the measuring point indicates that the measuring point on the other side is symmetrically the same value.
- The coordinates of the measurement points are the distances measured from the standard line of "X", "Y" and "Z".

BODY ALIGNMENT



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Engine Compartment

[SEDAN]

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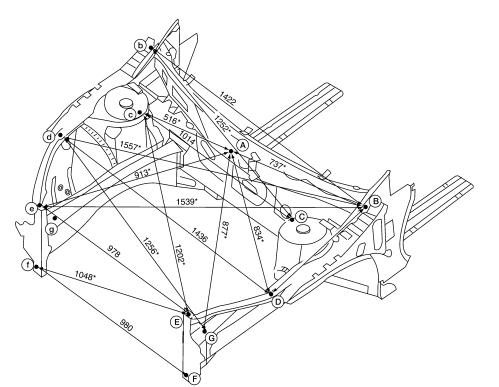
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Measurement

Figures marked with a (*) indicate symmetrically identical dimensions on both right and left sides of the vehicle.



Point	Dimension
(B) ~ (D)	617*
B ~ E	989*
B ~ G	1512*
© ~ B	1268*
© ~ D	389*
© ~ E	673*
© ~ G	630*
©~	1182*
D ~ G	394*
(E) ~ (G)	201*
(G) ~ (g)	990

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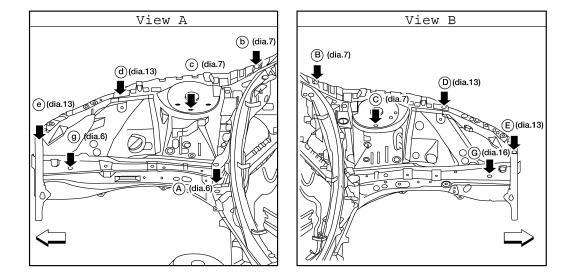
Ρ

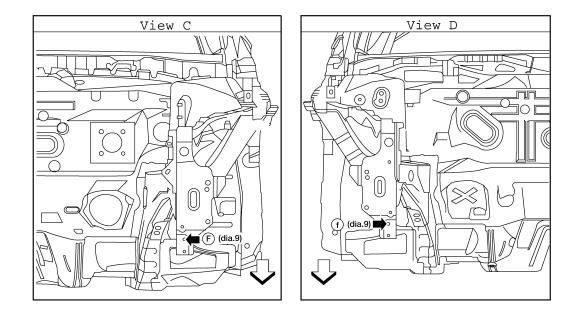
Unit : mm

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< ON-VEHICLE REPAIR >

Measurement Points





Unit : mm

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< ON-VEHICLE REPAIR >

Underbody

Measurement



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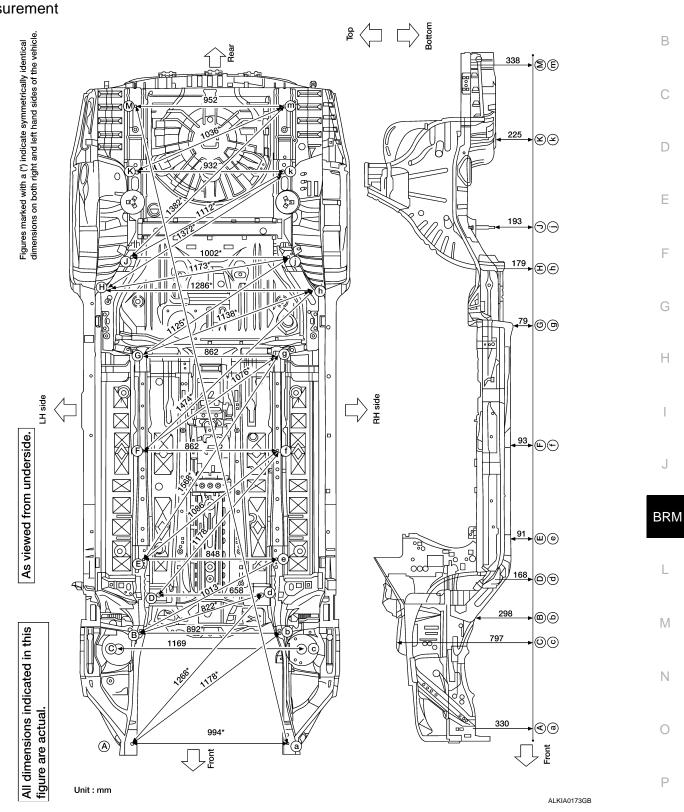
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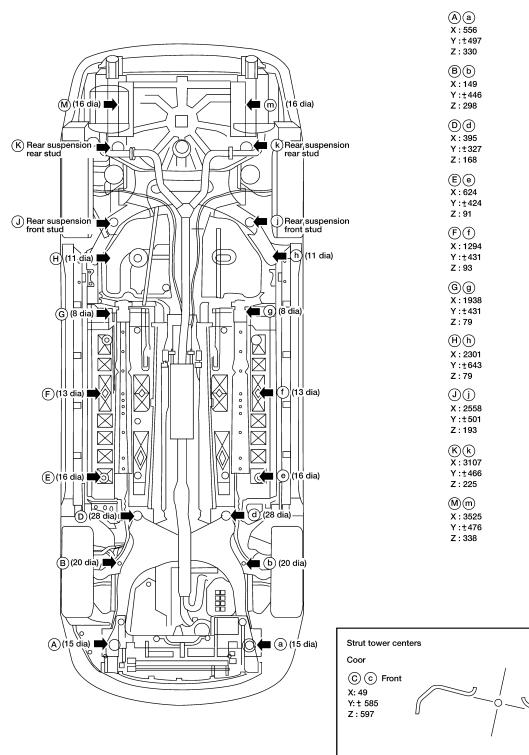
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< ON-VEHICLE REPAIR >

Measurement Points



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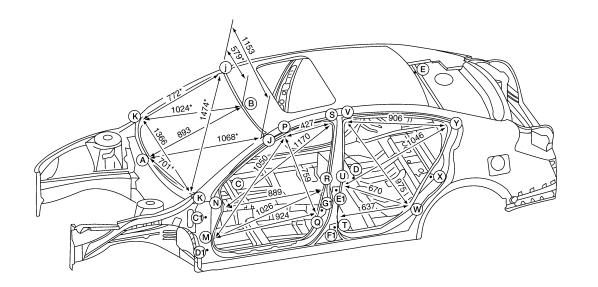
Unit : mm

< ON-VEHICLE REPAIR >

Passenger Compartment

Measurement

Figures marked with a (*) indicate symmetrically identical dimensions on both right and left sides of the vehicle.



Point	Dimension	Point	Dimension	Point	Dimension	Point	Dimension
(A) ~ (C)	1044	(D) ~ (T)	742	G1)~X	987	(S) ~ (Q)	779
(A) ~ (D)	1890	(D) ~ (t)	904	(M) ~ (m)	1464	(S) ~ (S)	1143
(A) ~ (F)	3134	(D) ~ (U)	973	(M) ~ (P)	1050	(T) ~ (t)	1471
B ~ C	972	(D) ~ (U)	823	(M) ~ (q)	1735*	(T) ~ (V)	840
© ~ E	1796*	(D) ~ (V)	1148	(M) ~ (r)	1794*	(T) ~ (y)	1823*
© ~ m	912*	(D) ~ (V)	1054	(M) ~ (S)	1896*	(Ť)~ (Ý)	1212
© ~ n	928*	(D) ~ (w)	883	(M) ~ (S)	1386	(U) ~ (u)	1479
(C) ~ (P)	1100*	(D) ~ (W)	715	N ~ n	1442	(V) ~ (t)	1544*
© ~ (q)	860*	D ~ y	1234	N ~ P	803	(V) ~ (V)	1139
© ~ (r)	970*	(D) ~ (Y)	1137	(N) ~ (r)	1710*	(V) ~ (w)	1624*
© ~ (s)	1249*	(D) ~ (E)	1223	(P) ~ (p)	1181	(W) ~ (t)	1607*
C1 ~ E1	1167	(D) ~ (F)	1147	@ ~ n	1686*	(W) ~ (U)	1624*
C1 ~ F1	1181	D) ~ G)	1068	@~p	1521*	(W) ~ (w)	1480
C1 ~ G1	1064	D) ~ X	2054	Q ~ Q	1471	(W) ~ (y)	1564*
©1)~ 🗴	2029	(E1) ~ (X)	867	@~ (s)	1513*	(W) ~ (Y)	762
(D) ~ (E)	1102	FI X	931	(R) ~ (r)	1480	(Y) ~ (y)	1261

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Unit : mm

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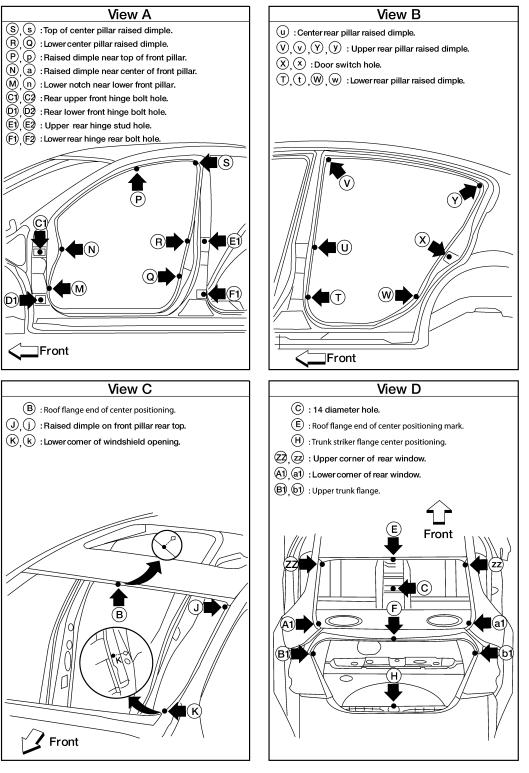
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< ON-VEHICLE REPAIR >

Measurement Points



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< ON-VEHICLE REPAIR >

Rear Body

[SEDAN]

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Measurement

В Figures marked with a (*) indicate symmetrically identical dimensions on both right and left sides of the vehicle. С D Ε G Н (a1 1260* b1 612

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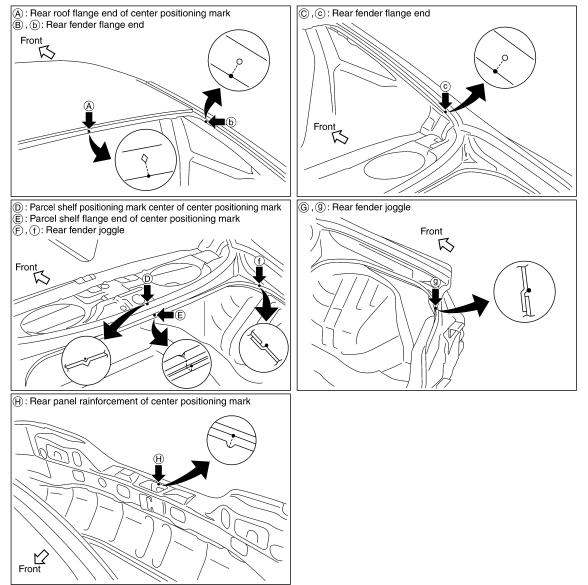
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Unit : mm

< ON-VEHICLE REPAIR >

Measurement Points



SIIA2147E

PRECAUTIONS IN REPAIRING HIGH STRENGTH STEEL

< ON-VEHICLE REPAIR >

PRECAUTIONS IN REPAIRING HIGH STRENGTH STEEL

High Strength Steel (HSS)

High strength steel is used for body panels in order to reduce vehicle weight. Accordingly, precautions in repairing automotive bodies made of high strength steel are described below:

Tensile strength	Nissan/Infiniti designation	Major applicable parts	
373 N/mm ² (38kg/mm ² ,54klb/sq in)	SP130	 Front side member assembly Hoodledge assembly Upper dash Front pillar reinforcement assembly Rear side member assembly Other reinforcements 	

SP130 is the most commonly used HSS.

Read the following precautions when repairing HSS:

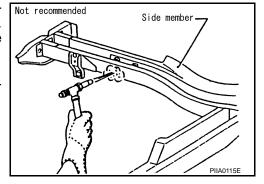
Additional points to consider 1.

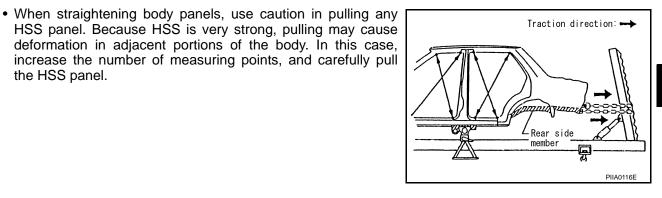
the HSS panel.

• The repair of reinforcements (such as side members) by heating is not recommended since it may weaken the component. When heating is unavoidable, do not heat HSS parts above 550°C (1,022°F).

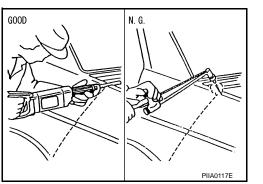
Verify heating temperature with a thermometer.

(Crayon-type and other similar type thermometer are appropriate.)





• When cutting HSS panels, avoid gas (torch) cutting if possible. Instead, use a saw to avoid weakening surrounding areas due to heat. If gas (torch) cutting is unavoidable, allow a minimum margin of 50 mm (1.97in).



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[SEDAN]

PRECAUTIONS IN REPAIRING HIGH STRENGTH STEEL

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< ON-VEHICLE REPAIR >

• When welding HSS panels, use spot welding whenever possible in order to minimize weakening surrounding areas due to heat.

If spot welding is impossible, use M.I.G. welding. Do not use gas (torch) welding because it is inferior in welding strength.

Never use acetylene gas welding. **n**____ PIIA0144

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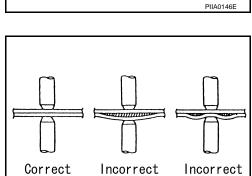
[SEDAN]

 The spot weld on HSS panels is harder than that of an ordinary steel panel.

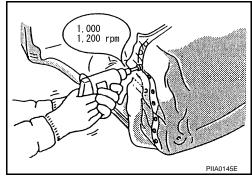
Therefore, when cutting spot welds on a HSS panel, use a low speed high torque drill (1,000 to 1,200 rpm) to increase drill bit durability and facilitate the operation.

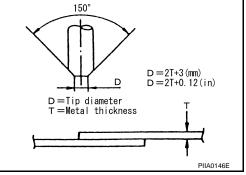
- 2. Precautions in spot welding HSS This work should be performed under standard working conditions. Always note the following when spot welding HSS:
 - The electrode tip diameter must be sized properly according to the metal thickness.

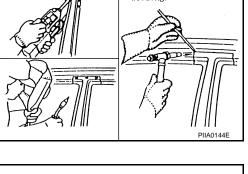
• The panel surfaces must fit flush to each other, leaving no gaps.



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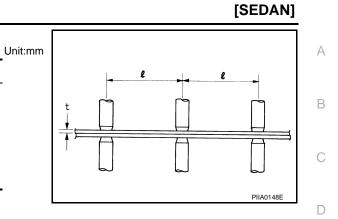


PRECAUTIONS IN REPAIRING HIGH STRENGTH STEEL

< ON-VEHICLE REPAIR >

• Follow the specifications for the proper welding pitch.

Thickness (t)	Minimum pitch (I)
0.6 (0.024)	10 (0.39) or over
0.8 (0.031)	12 (0.47) or over
1.0 (0.039)	18 (0.71) or over
1.2 (0.047)	20 (0.79) or over
1.6 (0.063)	27 (1.06) or over
1.8 (0.071)	31 (1.22) or over



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Description

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This section is prepared for technicians who have attained a high level of skill and experience in repairing collision-damaged vehicles and also use modern service tools and equipment. Persons unfamiliar with body repair techniques should not attempt to repair collision-damaged vehicles by using this section.

Technicians are also encouraged to read Body Repair Manual (Fundamentals) in order to ensure that the original functions and quality of the vehicle can be maintained. The Body Repair Manual (Fundamentals) contains additional information, including cautions and warning, that are not including in this manual. Technicians should refer to both manuals to ensure proper repairs.

Please note that these information are prepared for worldwide usage, and as such, certain procedures might not apply in some regions or countries.

< ON-VEHICLE REPAIR >

The symbols used in this section for cutting and welding / brazing operations are shown below.

А × × Saw cut or air chisel cut В С 2-spot welds (2-panel overlapping portions) D 2-spot welds Spot weld Ε 03-spot welds F MIG plug weld Щ G mmMIG seam weld/ m Н Point weld Brazing J BRM Soldering app-! L Μ Sealing Ν Ο

PIIA0149E

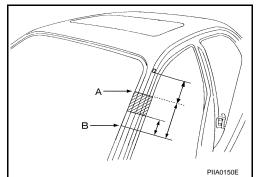
Ρ

< ON-VEHICLE REPAIR >

• Front pillar butt joint can be determined anywhere within shaded area as shown in the figure. The best location for the butt joint is at position A due to the construction of the vehicle. Refer to the front pillar section.

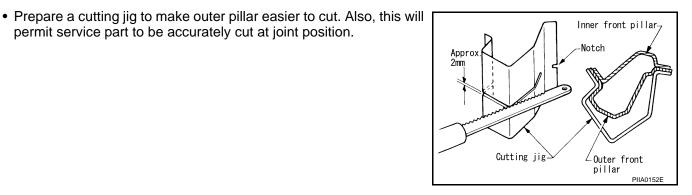
front pillar over 60 mm above inner front pillar cut position.

permit service part to be accurately cut at joint position.

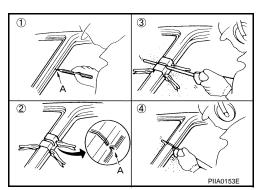


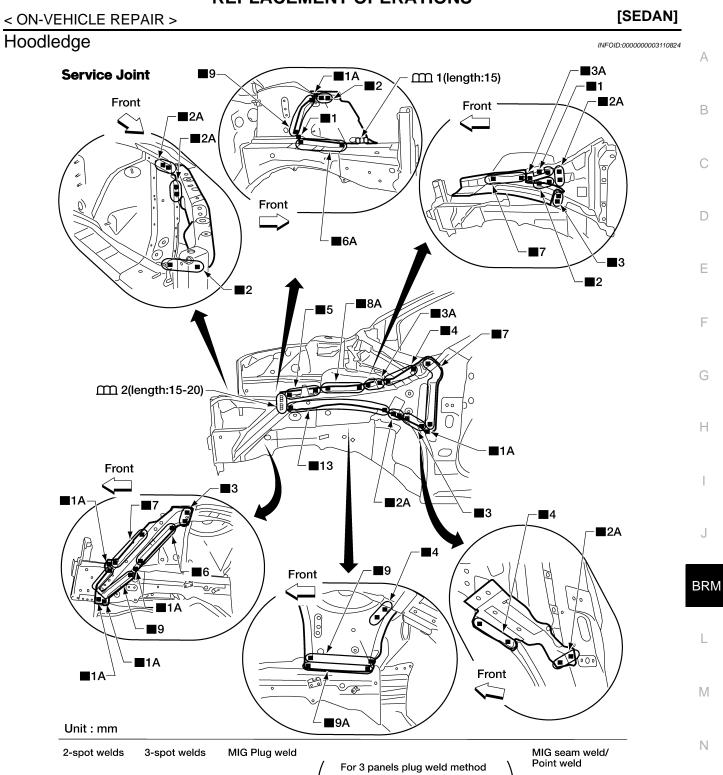
[SEDAN]

 Determine cutting position and record distance from the locating indent. Use this distance when cutting the service part. Cut outer Locating 60mm indent Outer fron pillar в Inner front pillar Record distance PIIA0151E



- An example of cutting operation using a cutting jig is as follows.
- 1. Mark cutting lines. A: Cut position of outer pillar
 - B: Cut position of inner pillar
- 2. Align cutting line with notch on jig. Clamp jig to pillar.
- 3. Cut outer pillar along groove of jig. (At position A)
- 4. Remove jig and cut remaining portions.
- 5. Cut inner pillar at position B in same manner.





Change parts

• Front strut housing (LH)

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- Hoodledge connector
- Upper front hoodledge

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• Radiator core support upper

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- Hoodledge reinforcement
- Hoodledge reinforcement rear

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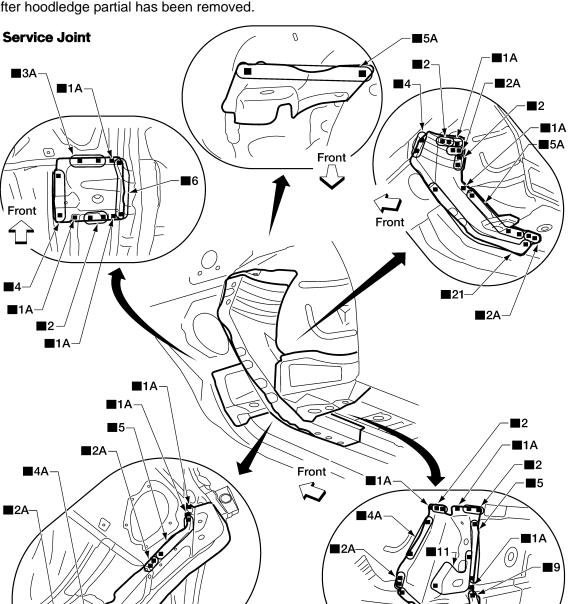
< ON-VEHICLE REPAIR >

Front Side Member

• Work after hoodledge partial has been removed.

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[SEDAN]





Front

MIG Plug weld

3-spot welds

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Change parts

2

2-spot welds

- Front side member rear assembly
- Front side member rear reinforcement
 - Front side member rear closing plate assembly

For 3 panels plug weld method

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Front suspension member plate

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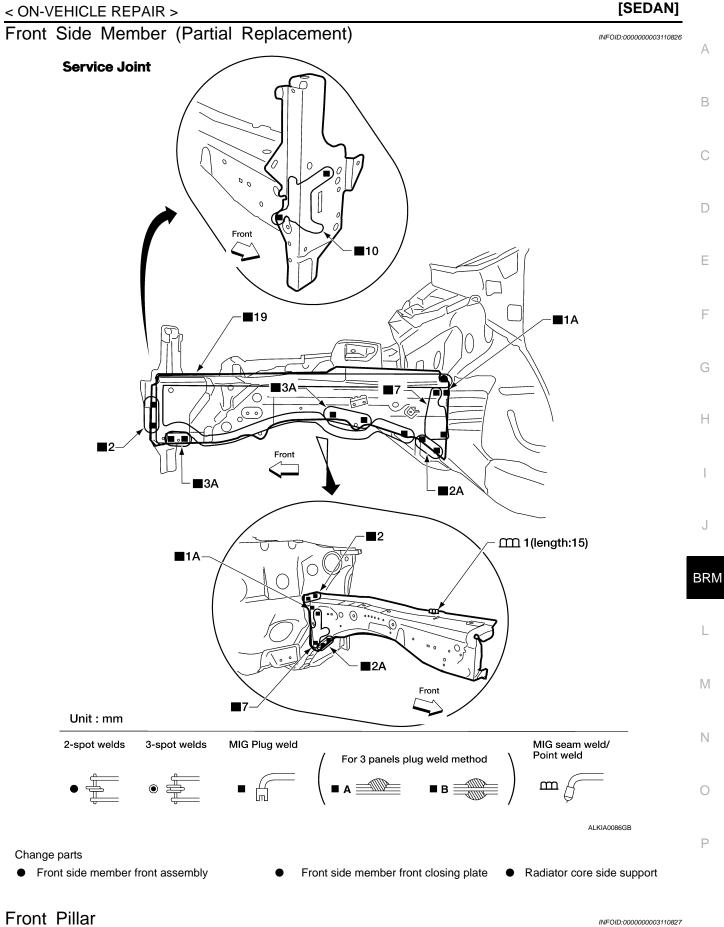
Front

MIG seam weld/ Point weld

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Front side member outrigger assembly

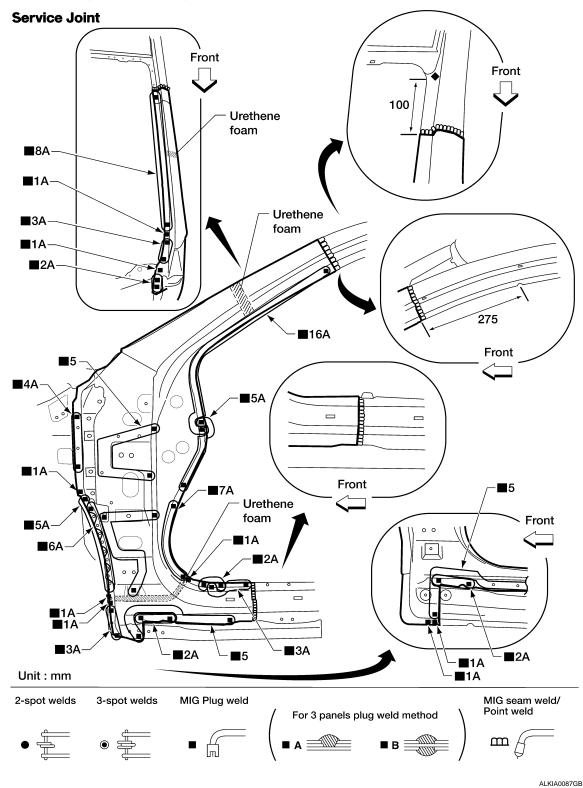


OUTER

< ON-VEHICLE REPAIR >

[SEDAN]

• Work after hoodledge and hoodledge reinforcement rear has been removed.



Change parts

• Front pillar section of body side outer

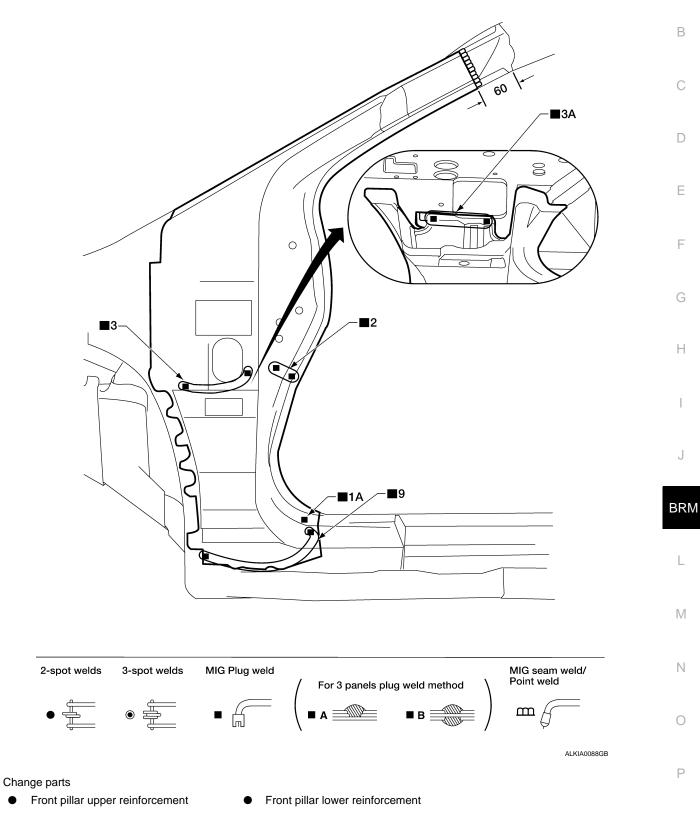
REINFORCEMENT

< ON-VEHICLE REPAIR >

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• Work after front pillar outer has been removed.

Service Joint



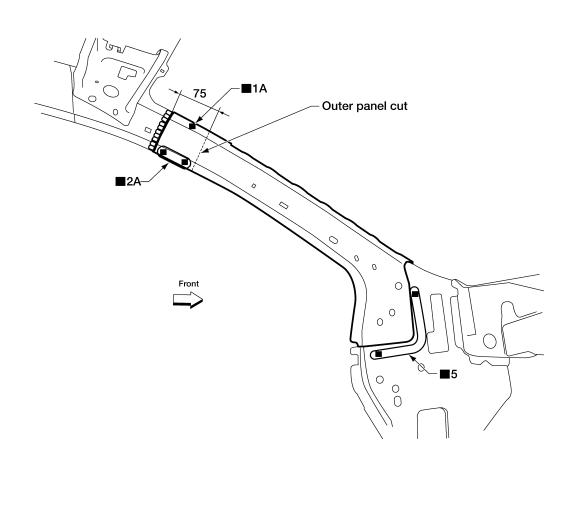
INNER

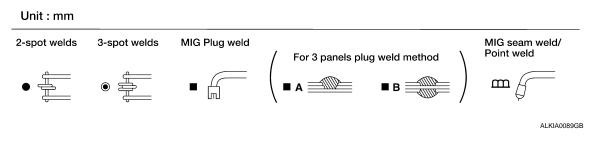
< ON-VEHICLE REPAIR >

[SEDAN]

• Work after front pillar reinforcement has been removed.

Service Joint





Change parts

• Front pillar inner reinforcement

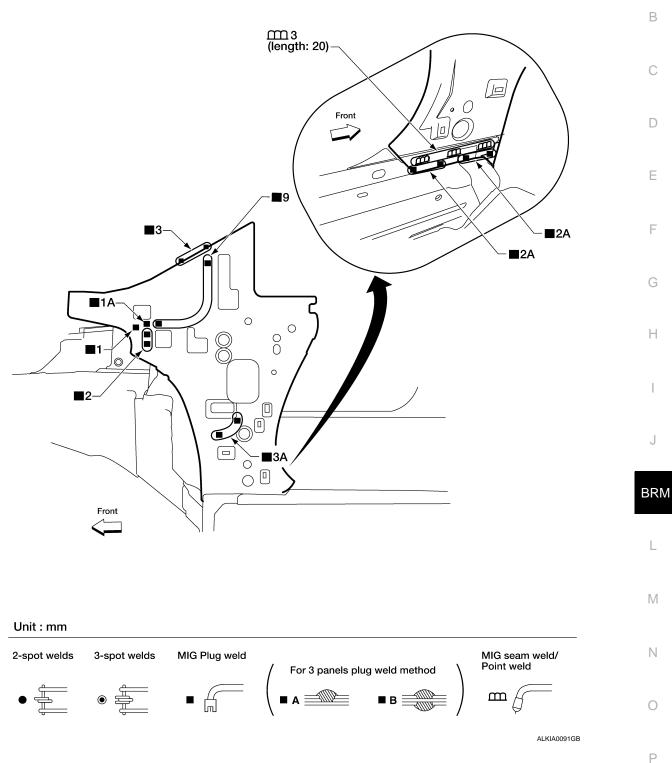
Dash Side

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Work with front pillar reinforcement removed.

А

Service Joint



Change parts

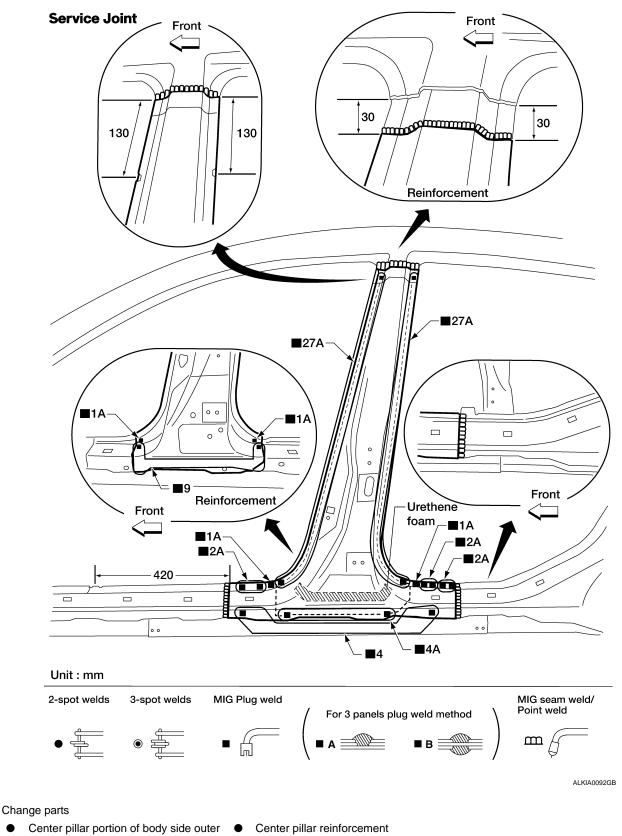
Dash side

< ON-VEHICLE REPAIR >

Center Pillar

[SEDAN]



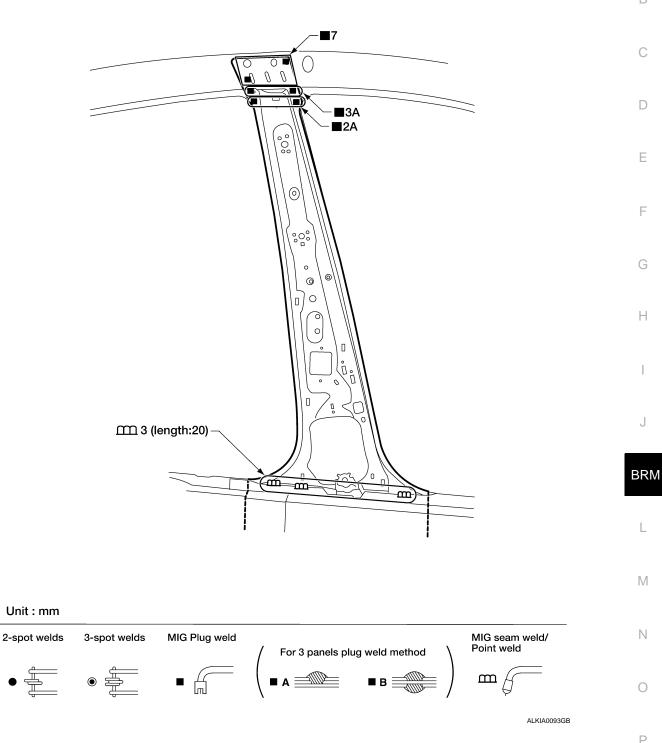


INNER

< ON-VEHICLE REPAIR >

Work after center pillar outer and outer sill have been removed.

Service Joint



Change parts

Center pillar inner •

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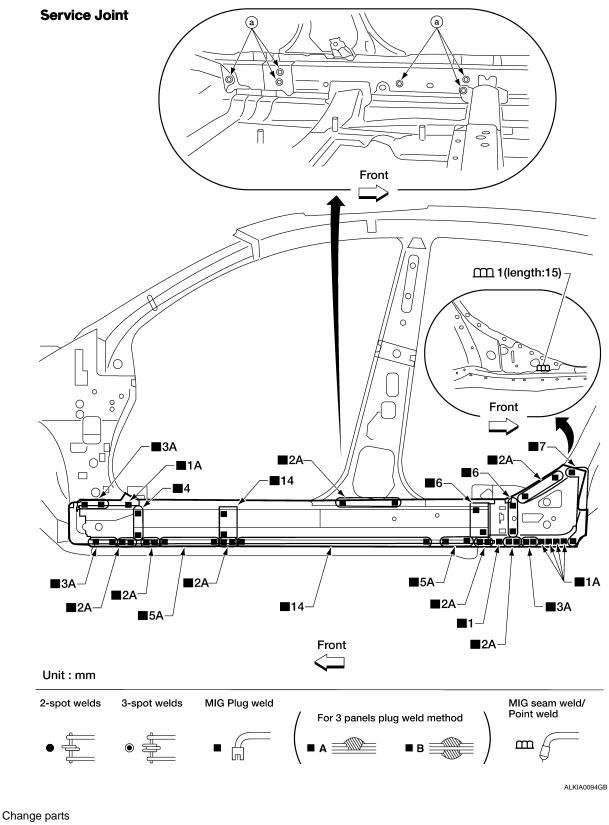
Ρ

< ON-VEHICLE REPAIR >

Outer Sill

INFOID:000000003110830

Work after the front pillar reinforcement, center pillar reinforcement, and rear fender have been removed.

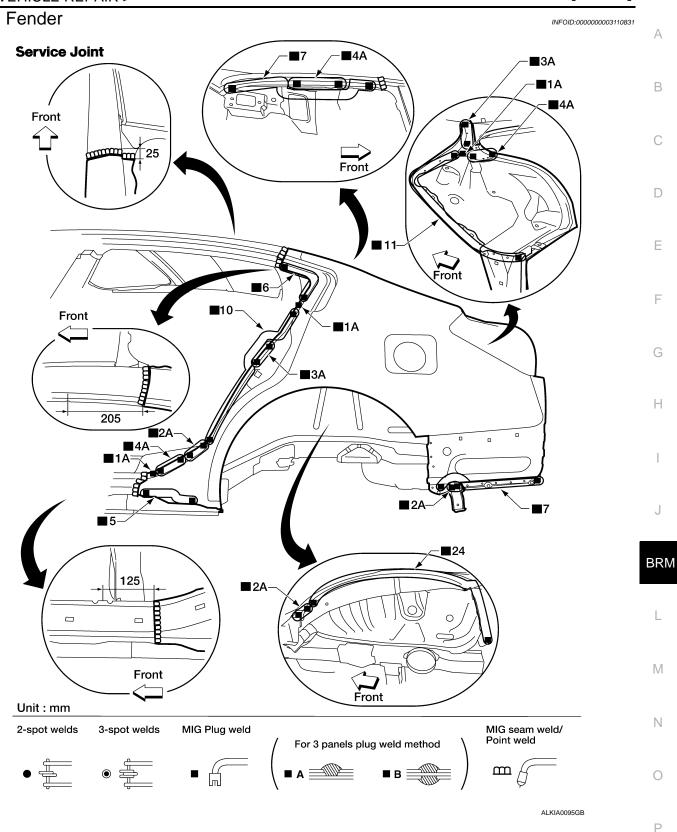


- Outer sill reinforcement
- A. 24Nm (2.4Kg-m, 18lb-ft)

< ON-VEHICLE REPAIR >

Rear Fender

[SEDAN]



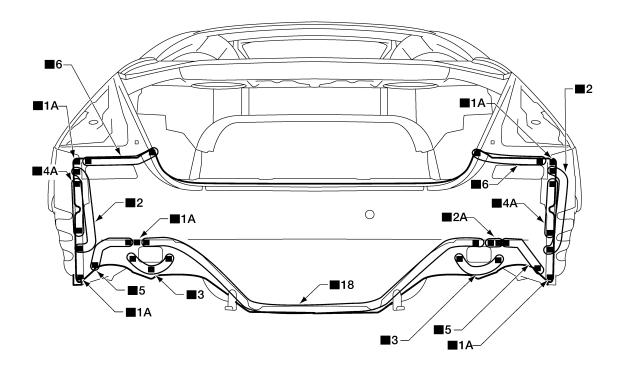
Change parts

Rear fender

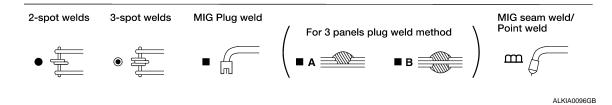
Rear Panel

[SEDAN]

Service Joint







Change parts

• Rear panel assembly

< ON-VEHICLE REPAIR >

Rear Floor Rear

[SEDAN]

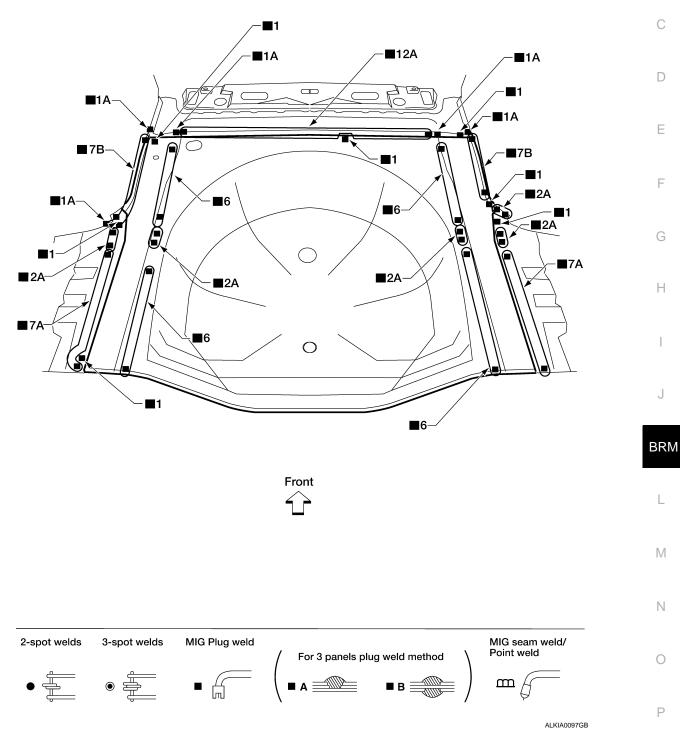
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А

В

• Work after rear panel assembly has been removed.

Service Joint



Change parts

• Rear floor rear

< ON-VEHICLE REPAIR >

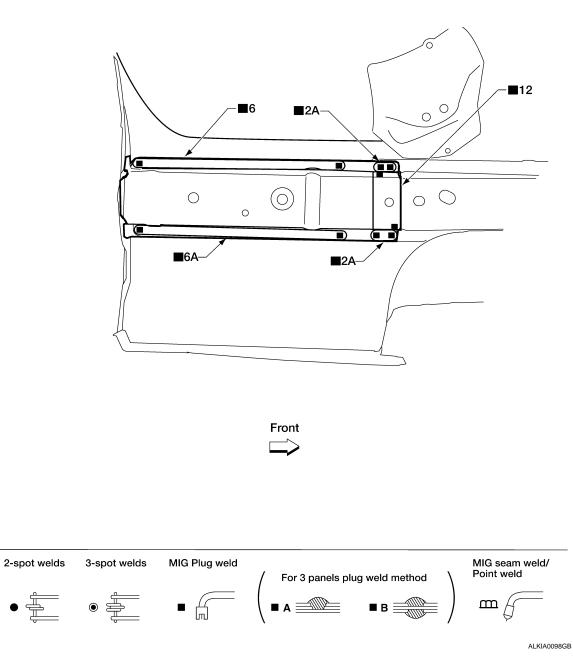
Rear Side Member Extension

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[SEDAN]

• Work after rear panel assembly has been removed.

Service Joint



Change parts

• Rear side member extension

< ON-VEHICLE REPAIR >

Foam Repair

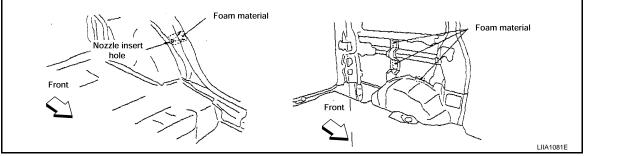
During factory assembly, foam insulators are installed in certain body panels and locations around the vehicle. Use the following procedure(s) to replace any factory-installed foam insulators.

URETHANE FOAM APPLICATIONS

Use commercially available spray for sealant (foam material) repair of material used on vehicle. Read instructions on product for fill procedures.

FILL PROCEDURES

- 1. Fill procedures after installation service part.
 - Remove foam material remaining on vehicle side.
 - Clean area in which foam was removed.
 - Install service part.
 - Insert nozzle into hole near fill area and fill foam material or fill in enough to close gap with service part.



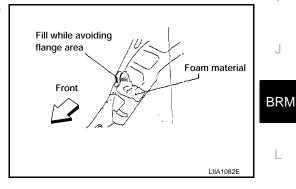
- 2. Fill procedures before installation service part
- Remove foam material remaining on vehicle side.
- Clean area in which foam material on wheelhouse outer side. **NOTE:**

Fill in enough to close gap with service part while avoiding flange area.

Install service part.

NOTE:

Refer to label for information on working times.



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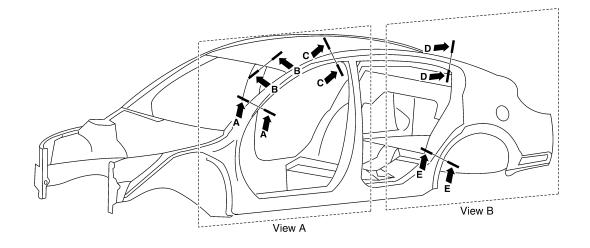
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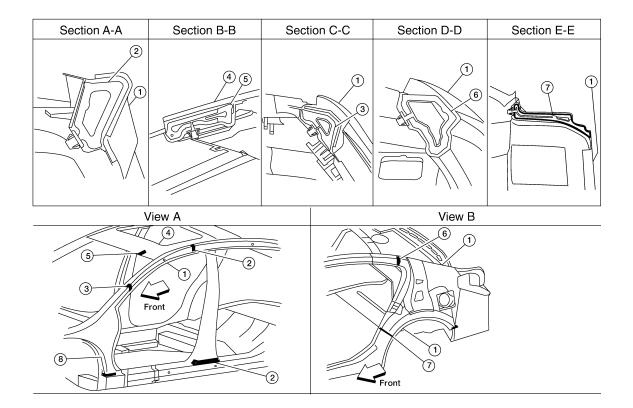
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- 1. Body side outer
- 4. Roof panel assembly
- 7. Body side insulation (foam) rear pil- 8. lar lower
- 2. Body side insulation (foam) upper front pillar
- 5. Roof panel insulation (foam) front roof rail
 - Body side insulation strip, front pillar 9. lower reinforcement
- Body side insulation (foam) front pillar

3.

6.

- Body side insulation (foam) rear pillar
- 9.Body side insulation strip, center pillar reinforcement