

Mazda6 Bodyshop Manual Supplement

FOREWORD

This bodyshop manual is intended for use by technicians of Authorized Mazda Dealers to help them service and repair Mazda vehicles. It can also be useful to owners and operators of Mazda vehicles in performing limited repair and maintenance on Mazda vehicles.

For proper repair and maintenance, a thorough familiarization with this manual is important, and it should always be kept in a handy place for quick and easy reference.

All the contents of this manual, including drawings and specifications, are the latest available at the time of printing. As modifications affecting repair or maintenance occur, relevant information supplementary to this volume will be made available at Mazda dealers. This manual should be kept up-to-date.

Mazda Motor Corporation reserves the right to alter the specifications and contents of this manual without obligation or advance notice.

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**Mazda Motor Corporation
HIROSHIMA, JAPAN**

APPLICATION:

This manual is applicable to vehicles beginning with the Vehicle Identification Numbers (VIN), and related materials shown on the following page.

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There are explanation given only for the sections marked with shadow (■).

VEHICLE IDENTIFICATION NUMBERS (VIN)

Australian specs.

JM0 GY103100 100001—

European (L.H.D. U.K.) specs.

JMZ GY19320# 100001—

JMZ GY19820# 100001—

JMZ GY19F20# 100001—

JMZ GY19F50# 100001—

JMZ GY19R20# 100001—

JMZ GY19T20# 100001—

JMZ GY89370# 100001—

JMZ GY1932*# 100001—

JMZ GY1982*# 100001—

JMZ GY19F2*# 100001—

JMZ GY19F5*# 100001—

JMZ GY19R2*# 100001—

JMZ GY19T2*# 100001—

JMZ GY8937*# 100001—

General (L.H.D.) specs.

GY10F1 100001—

JM7 GY49F**# 100001—

JM7 GY39F**# 100001—

JM7 GY49F*0# 100001—

JM7 GY39F*0# 100001—

RELATED MATERIALS

Mazda6 Bodyshop Manual

(European (L.H.D. U.K.), GCC specs.) 3360-1*-02C

Mazda6 Bodyshop Manual (Australian,

General (L.H.D. R.H.D.) specs.) 3367-1*-02G

* : Indicates the printing location

A: Australia

E: Europe

0: Japan

WARNING

Servicing a vehicle can be dangerous. If you have not received service-related training, the risks of injury, property damage, and failure of servicing increase. The recommended servicing procedures for the vehicle in this workshop manual were developed with Mazda-trained technicians in mind. This manual may be useful to non-Mazda trained technicians, but a technician with our service-related training and experience will be at less risk when performing service operations. However, all users of this manual are expected to at least know general safety procedures.

This manual contains "Warnings" and "Cautions" applicable to risks not normally encountered in a general technician's experience. They should be followed to reduce the risk of injury and the risk that improper service or repair may damage the vehicle or render it unsafe. It is also important to understand that the "Warnings" and "Cautions" are not exhaustive. It is impossible to warn of all the hazardous consequences that might result from failure to follow the procedures.

The procedures recommended and described in this manual are effective methods of performing service and repair. Some require tools specifically designed for a specific purpose. Persons using procedures and tools which are not recommended by Mazda Motor Corporation must satisfy themselves thoroughly that neither personal safety nor safety of the vehicle will be jeopardized.

The contents of this manual, including drawings and specifications, are the latest available at the time of printing, and Mazda Motor Corporation reserves the right to change the vehicle designs and alter the contents of this manual without notice and without incurring obligation.

Parts should be replaced with genuine Mazda replacement parts or with parts which match the quality of genuine Mazda replacement parts. Persons using replacement parts of lesser quality than that of genuine Mazda replacement parts must satisfy themselves thoroughly that neither personal safety nor safety of the vehicle will be jeopardized.

Mazda Motor Corporation is not responsible for any problems which may arise from the use of this manual. The cause of such problems includes but is not limited to insufficient service-related training, use of improper tools, use of replacement parts of lesser quality than that of genuine Mazda replacement parts, or not being aware of any revision of this manual.

CONSTRUCTION



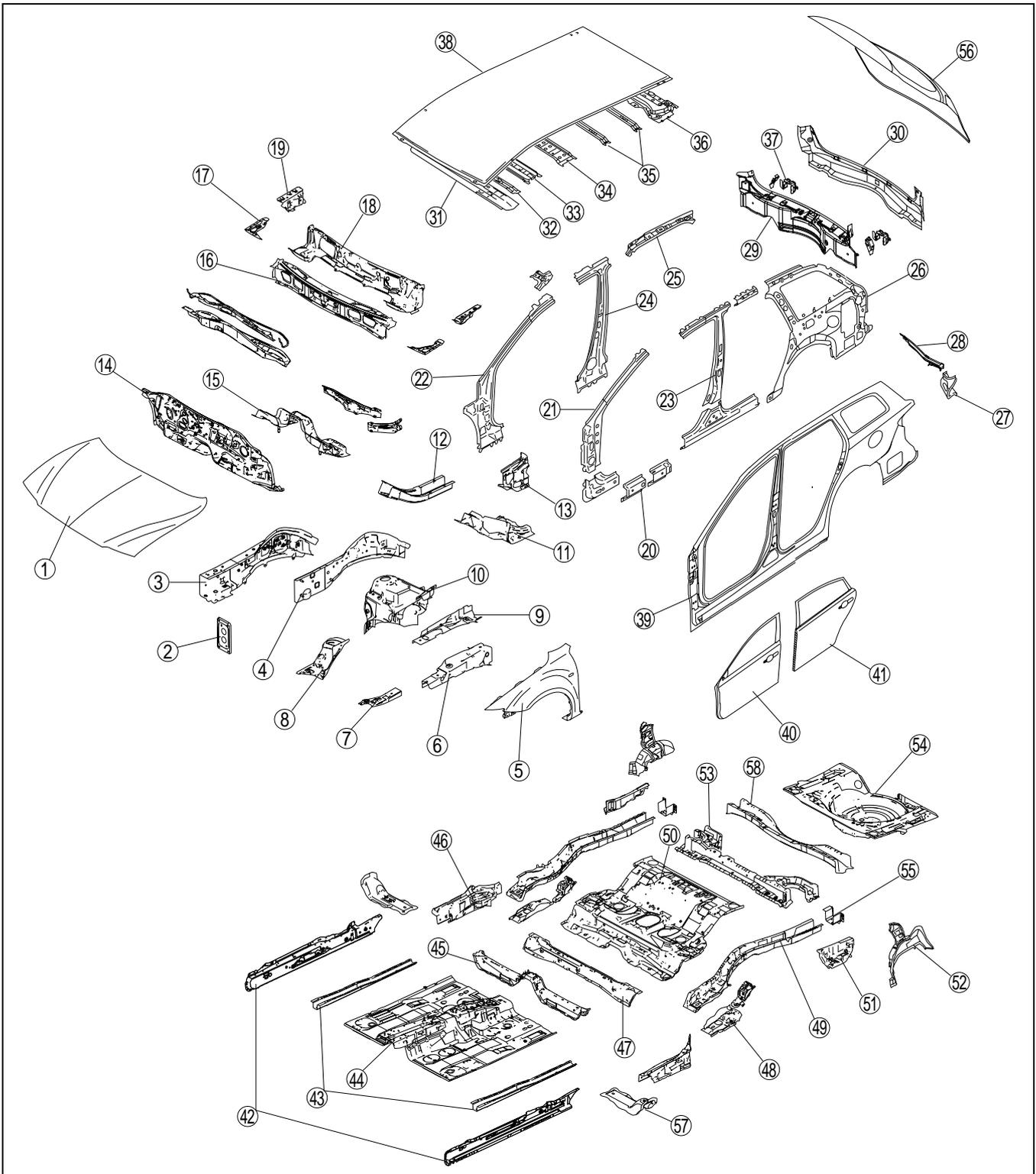
CONSTRUCTION II-2
CONSTRUCTION II-2

CONSTRUCTION

CONSTRUCTION

CONSTRUCTION
Australian specs.

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CONSTRUCTION

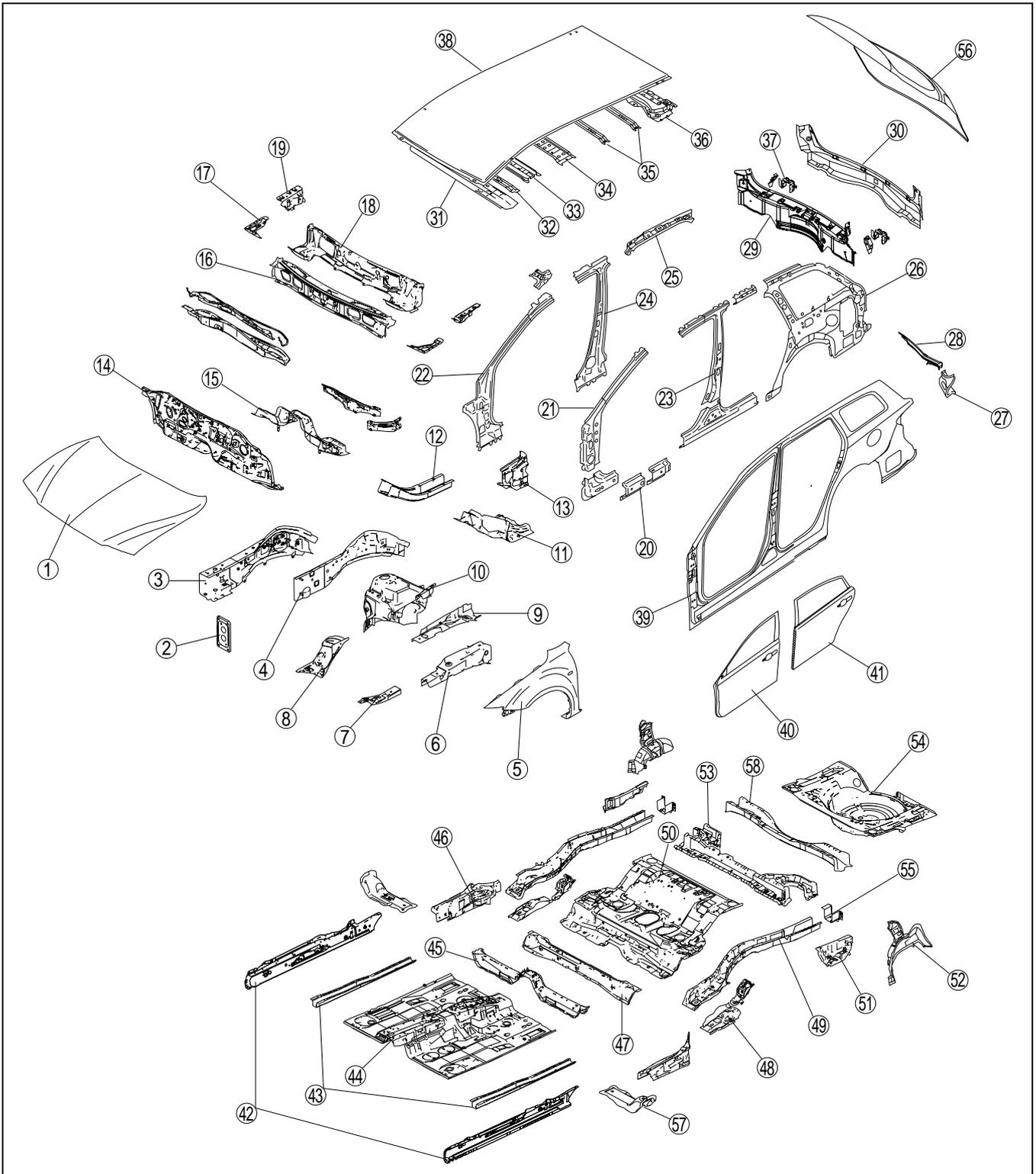
x:Applied
-:Not applied

No.	Part Name	High-tension steel	Rust proof steel	Thickness (mm) {in}
1	Bonnet	x	x	0.7{0.028}
2	Front bumper bracket	-	-	2.9{0.114}
3	Front side frame inner	Fr	x	1.6{0.063}
		Rr	x	2.6{0.102}
4	Front side frame outer	Fr	x	1.4{0.055}
		Rr	x	2.0{0.079}
5	Front fender panel	x	x	0.75 {0.030}
6	Apron reinforcement upper	-	x	1.0 {0.039}
7	Shroud upper reinforcement	-	x	2.0 {0.079}
8	Wheel apron panel front	-	x	0.65 {0.026}
9	Apron reinforcement lower	-	x	1.0 {0.039}
10	Suspension housing	Upper	x	3.2{0.126}
		Lower	-	1.2{0.047}
11	Torque box	-	x	1.4{0.055}
12	Front frame rear	x	x	2.9{0.114}
13	Cowl side reinforcement	-	x	1.2 {0.047}
14	Dash lower panel	-	-	0.85 {0.033}
15	Member dash lower	-	x	1.6{0.063}
16	Cowl panel	-	x	0.7{0.028}
17	Cowl upper plate	-	x	1.6{0.063}
18	Dash upper panel	-	x	0.9{0.035}
19	Cowl upper plate	x	x	1.4{0.055}
20	Side sill reinforcement	x	x	0.9{0.035}
21	Front pillar reinforcement	x	-	1.8 {0.071}
22	Front pillar inner	Upper	x	1.6{0.063}
		Lower	x	1.4{0.055}
23	Center pillar reinforcement	Upper front	x	1.8 {0.071}
		Upper rear	x	1.6 {0.063}
		Center	x	2.0{0.079}
		Lower	x	1.8 {0.071}
24	Center pillar inner	Upper	x	1.6{0.063}
		Center	x	1.2{0.047}
		Lower	x	1.0{0.039}
25	Roof rail inner	x	-	1.2{0.047}
26	Rear pillar inner	-	x	0.65 {0.026}

No.	Part Name	High-tension steel	Rust proof steel	Thickness (mm) {in}
27	Corner plate	-	x	0.7{0.028}
28	Rear pillar outer	-	x	0.7{0.028}
29	Crossmember No.5	-	x	1.2{0.047}
30	Rear end panel	-	x	0.85 {0.033}
31	Front header	-	-	1.2{0.047}
32	Roof reinforcement	-	-	0.55 {0.022}
33	Roof reinforcement	-	x	1.6{0.063}
34	Roof reinforcement	-	-	0.55 {0.022}
35	Roof reinforcement	-	-	0.55 {0.022}
36	Rear header	Upper	-	0.5{0.020}
		Center	-	0.7{0.028}
		Side	-	1.4{0.055}
37	Rear bumper bracket	-	x	1.6{0.063}
38	Roof panel	-	x	0.75 {0.030}
39	Side frame outer	-	x	0.7{0.028}
40	Front door	-	x	0.7{0.028}
41	Rear door	-	x	0.7{0.028}
42	Side sill inner	x	x	1.6{0.063}
43	Front B frame	Fr	x	2.3{0.091}
		Rr	-	1.6{0.063}
44	Front floor pan	-	x	0.65 {0.026}
45	Crossmember No.2	-	-	1.2{0.047}
46	Side sill inner rear	x	x	1.6{0.063}
47	Crossmember No.3	x	-	1.4{0.055}
48	Link bracket	x	x	2.3{0.091}
49	Rear side frame	Fr	x	1.8{0.071}
		Rr	x	1.4{0.055}
50	Center floor pan	-	x	0.6{0.024}
51	Floor side panel	-	x	0.6{0.024}
52	Wheel house inner	-	x	0.75 {0.030}
53	Crossmember No.4	-	x	1.2{0.047}
54	Rear floor pan	-	x	0.65 {0.026}
55	Rear bumper bracket	LH	x	2.0{0.079}
		RH	x	1.4{0.055}
56	Liftgate panel	-	x	0.7{0.028}
57	Seat bracket	-	-	1.6{0.063}
58	Crossmember No.4	-	x	1.0{0.039}

CONSTRUCTION

European(L.H.D. U.K.),General(L.H.D.)specs.
2WD



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CONSTRUCTION

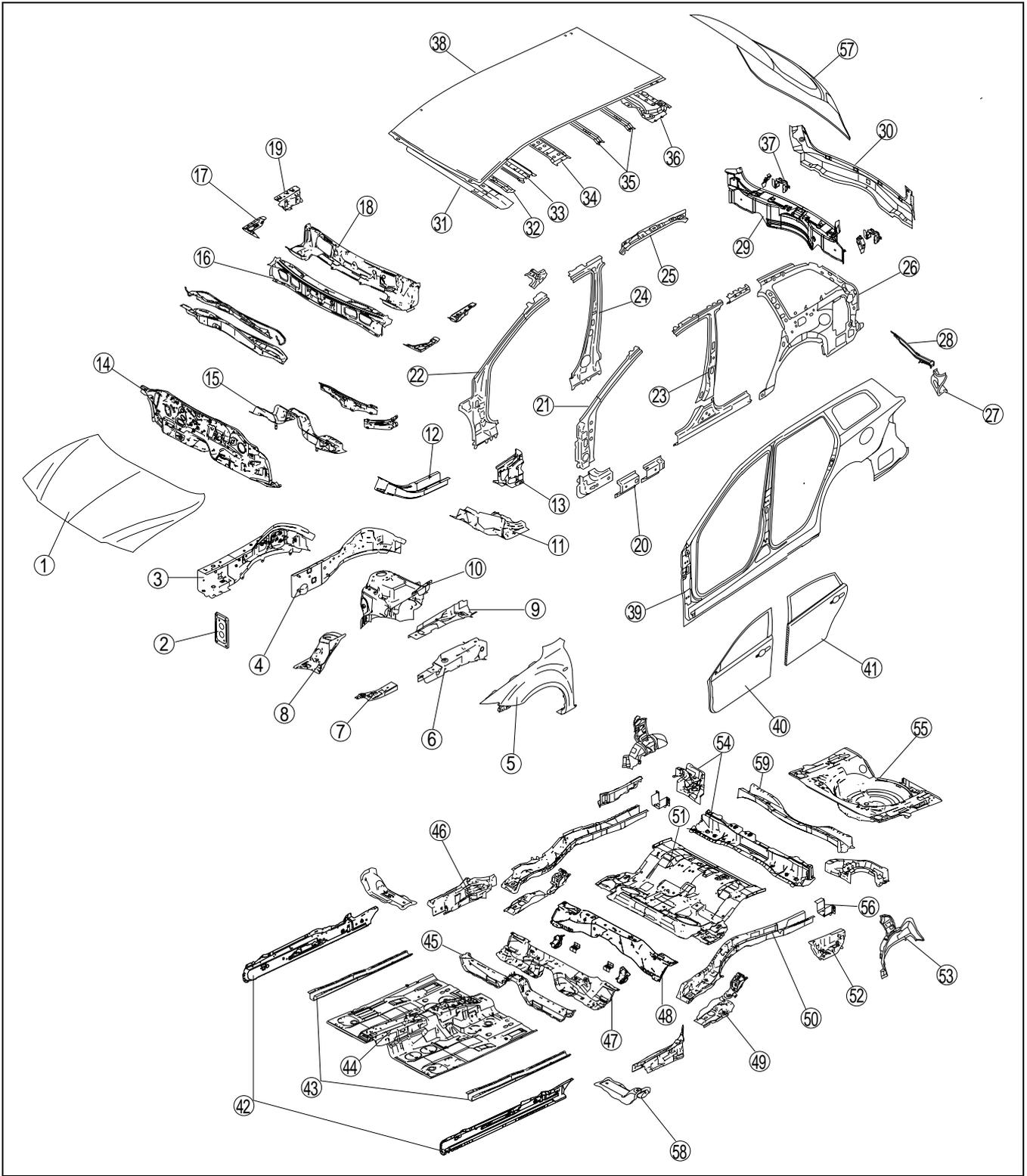
x:Applied
-:Not applied

No.	Part Name	High-tension steel	Rust proof steel	Thickness (mm) {in}
1	Bonnet	x	x	0.7{0.028}
2	Front bumper bracket	-	-	2.9{0.114}
3	Front side frame inner	Fr	x	1.6{0.063}
		Rr	x	2.6{0.102}
4	Front side frame outer	Fr	x	1.4{0.055}
		Rr	x	2.0{0.079}
5	Front fender panel	x	x	0.75 {0.030}
6	Apron reinforcement upper	-	x	1.0 {0.039}
7	Shroud upper reinforcement	-	x	2.0 {0.079}
8	Wheel apron panel front	-	x	0.65 {0.026}
9	Apron reinforcement lower	-	x	1.0 {0.039}
10	Suspension housing	Upper	x	3.2{0.126}
		Lower	-	1.2{0.047}
11	Torque box	-	x	1.4{0.055}
12	Front frame rear	x	x	2.9{0.114}
13	Cowl side reinforcement	-	x	1.2 {0.047}
14	Dash lower panel	-	x	0.85 {0.033}
15	Member dash lower	-	x	1.6{0.063}
16	Cowl panel	-	x	0.7{0.028}
17	Cowl upper plate	-	x	1.6{0.063}
18	Dash upper panel	-	x	0.9{0.035}
19	Cowl upper plate	x	x	1.4{0.055}
20	Side sill reinforcement	x	x	0.9{0.035}
21	Front pillar reinforcement	x	-	1.8 {0.071}
22	Front pillar inner	Upper	x	1.6{0.063}
		Lower	x	1.4{0.055}
23	Center pillar reinforcement	Upper front	x	1.8 {0.071}
		Upper rear	x	1.6 {0.063}
		Center	x	2.0{0.079}
		Lower	x	1.8 {0.071}
24	Center pillar inner	Upper	x	1.6{0.063}
		Center	x	1.2{0.047}
		Lower	x	1.0{0.039}
25	Roof rail inner	x	-	1.2{0.047}
26	Rear pillar inner	-	x	0.65 {0.026}

No.	Part Name	High-tension steel	Rust proof steel	Thickness (mm) {in}
27	Corner plate	-	x	0.7{0.028}
28	Rear pillar outer	-	x	0.7{0.028}
29	Crossmember No.5	-	x	1.2{0.047}
30	Rear end panel	-	x	0.85 {0.033}
31	Front header	-	-	1.2{0.047}
32	Roof reinforcement	-	-	0.55 {0.022}
33	Roof reinforcement	-	x	1.6{0.063}
34	Roof reinforcement	-	-	0.55 {0.022}
35	Roof reinforcement	-	-	0.55 {0.022}
36	Rear header	Upper	-	0.5{0.020}
		Center	-	0.7{0.028}
		Side	-	1.4{0.055}
37	Rear bumper bracket	-	x	1.6{0.063}
38	Roof panel	-	x	0.75 {0.030}
39	Side frame outer	-	x	0.7{0.028}
40	Front door	-	x	0.7{0.028}
41	Rear door	-	x	0.7{0.028}
42	Side sill inner	x	x	1.6{0.063}
43	Front B frame	Fr	x	2.3{0.091}
		Rr	-	1.6{0.063}
44	Front floor pan	-	x	0.65 {0.026}
45	Crossmember No.2	-	-	1.2{0.047}
46	Side sill inner rear	x	x	1.6{0.063}
47	Crossmember No.3	x	-	1.4{0.055}
48	Link bracket	x	x	2.3{0.091}
49	Rear side frame	Fr	x	1.8{0.071}
		Rr	x	1.4{0.055}
50	Center floor pan	-	x	0.6{0.024}
51	Floor side panel	-	x	0.6{0.024}
52	Wheel house inner	-	x	0.75 {0.030}
53	Crossmember No.4	-	x	1.2{0.047}
54	Rear floor pan	-	x	0.65 {0.026}
55	Rear bumper bracket	LH	x	2.0{0.079}
		RH	x	1.4{0.055}
56	Liftgate panel	-	x	0.7{0.028}
57	Seat bracket	-	-	1.6{0.063}
58	Crossmember No.4	-	x	1.0{0.039}

CONSTRUCTION

4WD



A6E98101003

CONSTRUCTION

x:Applied
-:Not applied

No.	Part Name	High-tension steel	Rust proof steel	Thickness (mm) {in}
1	Bonnet	x	x	0.7{0.028}
2	Front bumper bracket	-	-	2.9{0.114}
3	Front side frame inner	Fr	x	1.6{0.063}
		Rr	x	2.6{0.102}
4	Front side frame outer	Fr	x	1.4{0.055}
		Rr	x	2.0{0.079}
5	Front fender panel	x	x	0.75 {0.030}
6	Apron reinforcement upper	-	x	1.0 {0.039}
7	Shroud upper reinforcement	-	x	2.0 {0.079}
8	Wheel apron panel front	-	x	0.65 {0.026}
9	Apron reinforcement lower	-	x	1.0 {0.039}
10	Suspension housing	Upper	x	3.2{0.126}
		Lower	-	1.2{0.047}
11	Torque box	-	x	1.4{0.055}
12	Front frame rear	x	x	2.9{0.114}
13	Cowl side reinforcement	-	x	1.2 {0.047}
14	Dash lower panel	-	x	0.85 {0.033}
15	Member dash lower	-	x	1.6{0.063}
16	Cowl panel	-	x	0.7{0.028}
17	Cowl upper plate	-	x	1.6{0.063}
18	Dash upper panel	-	x	0.9{0.035}
19	Cowl upper plate	x	x	1.4{0.055}
20	Side sill reinforcement	x	x	0.9{0.035}
21	Front pillar reinforcement	x	-	1.8 {0.071}
22	Front pillar inner	Upper	x	1.6{0.063}
		Lower	x	1.4{0.055}
23	Center pillar reinforcement	Upper front	x	1.8 {0.071}
		Upper rear	x	1.6 {0.063}
		Center	x	2.0{0.079}
		Lower	x	1.8 {0.071}
24	Center pillar inner	Upper	x	1.6{0.063}
		Center	x	1.2{0.047}
		Lower	x	1.0{0.039}
25	Roof rail inner	x	-	1.2{0.047}
26	Rear pillar inner	-	x	0.65 {0.026}

No.	Part Name	High-tension steel	Rust proof steel	Thickness (mm) {in}
27	Corner plate	-	x	0.7{0.028}
28	Rear pillar outer	-	x	0.7{0.028}
29	Crossmember No.5	-	x	1.2{0.047}
30	Rear end panel	-	x	0.85 {0.033}
31	Front header	-	-	1.2{0.047}
32	Roof reinforcement	-	-	0.55 {0.022}
33	Roof reinforcement	-	x	1.6{0.063}
34	Roof reinforcement	-	-	0.55 {0.022}
35	Roof reinforcement	-	-	0.55 {0.022}
36	Rear header	Upper	-	0.5{0.020}
		Center	-	0.7{0.028}
		Side	-	1.4{0.055}
37	Rear bumper bracket	-	x	1.6{0.063}
38	Roof panel	-	x	0.75 {0.030}
39	Side frame outer	-	x	0.7{0.028}
40	Front door	-	x	0.7{0.028}
41	Rear door	-	x	0.7{0.028}
42	Side sill inner	x	x	1.6{0.063}
43	Front B frame	Fr	x	2.3{0.091}
		Rr	-	1.6{0.063}
44	Front floor pan	-	x	0.65 {0.026}
45	Crossmember No.2	-	-	1.2{0.047}
46	Side sill inner rear	x	x	1.6{0.063}
47	Crossmember No.3	-	x	0.6{0.024}
48	Crossmember No.3	x	-	1.4{0.055}
49	Link bracket	x	x	2.3{0.091}
50	Rear side frame	Fr	x	1.8{0.071}
		Rr	x	1.4{0.055}
51	Center floor pan	-	x	0.6{0.024}
52	Floor side panel	-	x	0.6{0.024}
53	Wheel house inner	-	x	0.75 {0.030}
54	Crossmember No.4	-	x	1.2{0.047}
55	Rear floor pan	-	x	0.65 {0.026}
56	Rear bumper bracket	LH	x	2.0{0.079}
		RH	x	1.4{0.055}
57	Liftgate panel	-	x	0.7{0.028}
58	Seat bracket	-	-	1.6{0.063}
59	Crossmember No.4	-	x	1.0{0.039}

II

PANEL REPLACEMENT

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PANEL REPLACEMENT

PANEL REPLACEMENT

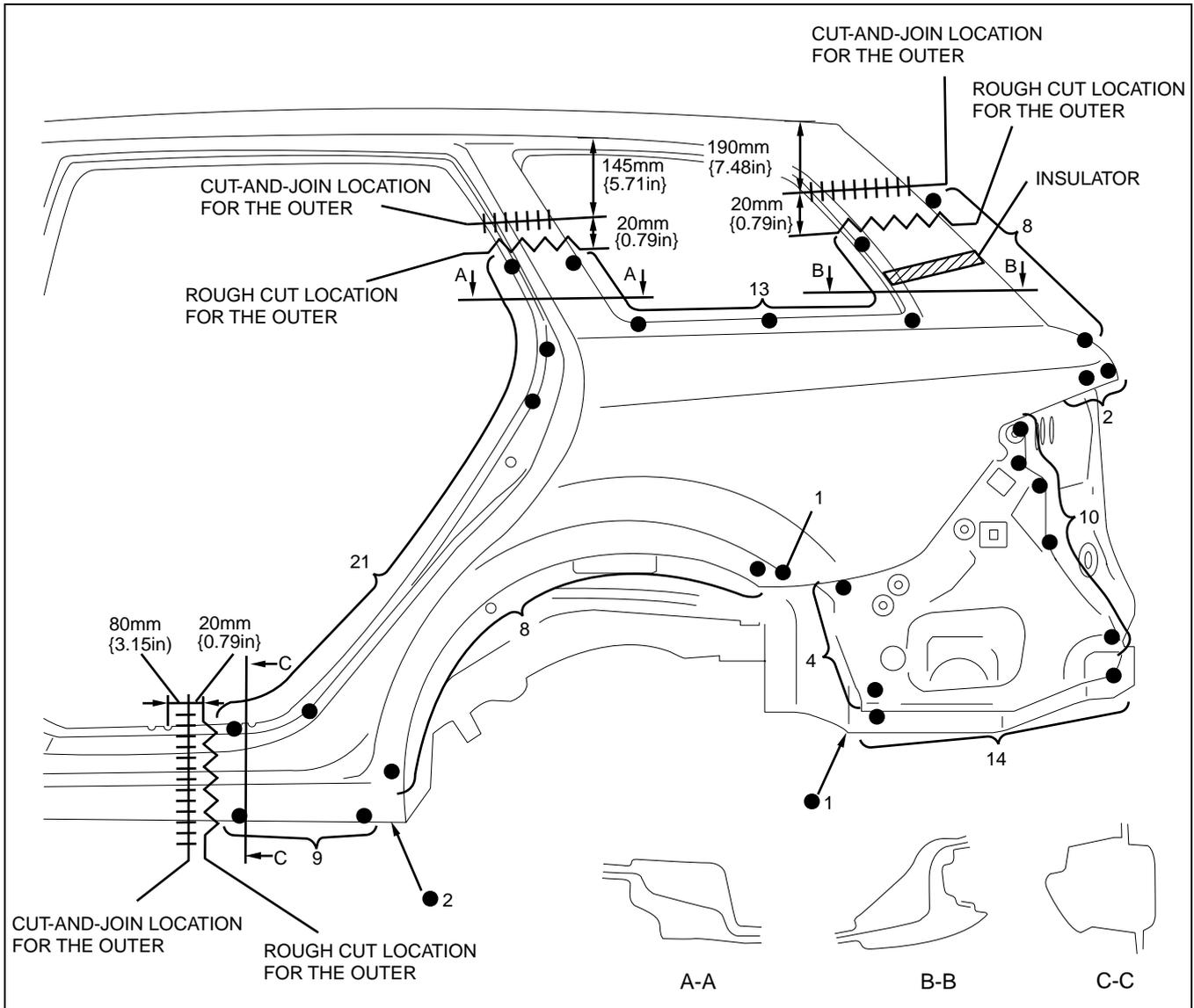
REAR FENDER PANEL REMOVAL

A6E981274100101

Caution

- Avoid cutting with a blowtorch or similar tools as the insulator (shaded area) is flammable.

1. The rear fender panel and the rear pillar inner are joined with glue at the wheel arch line. Use a chisel or other to separate the rear fender panel from the rear pillar inner, then remove the rear fender panel.



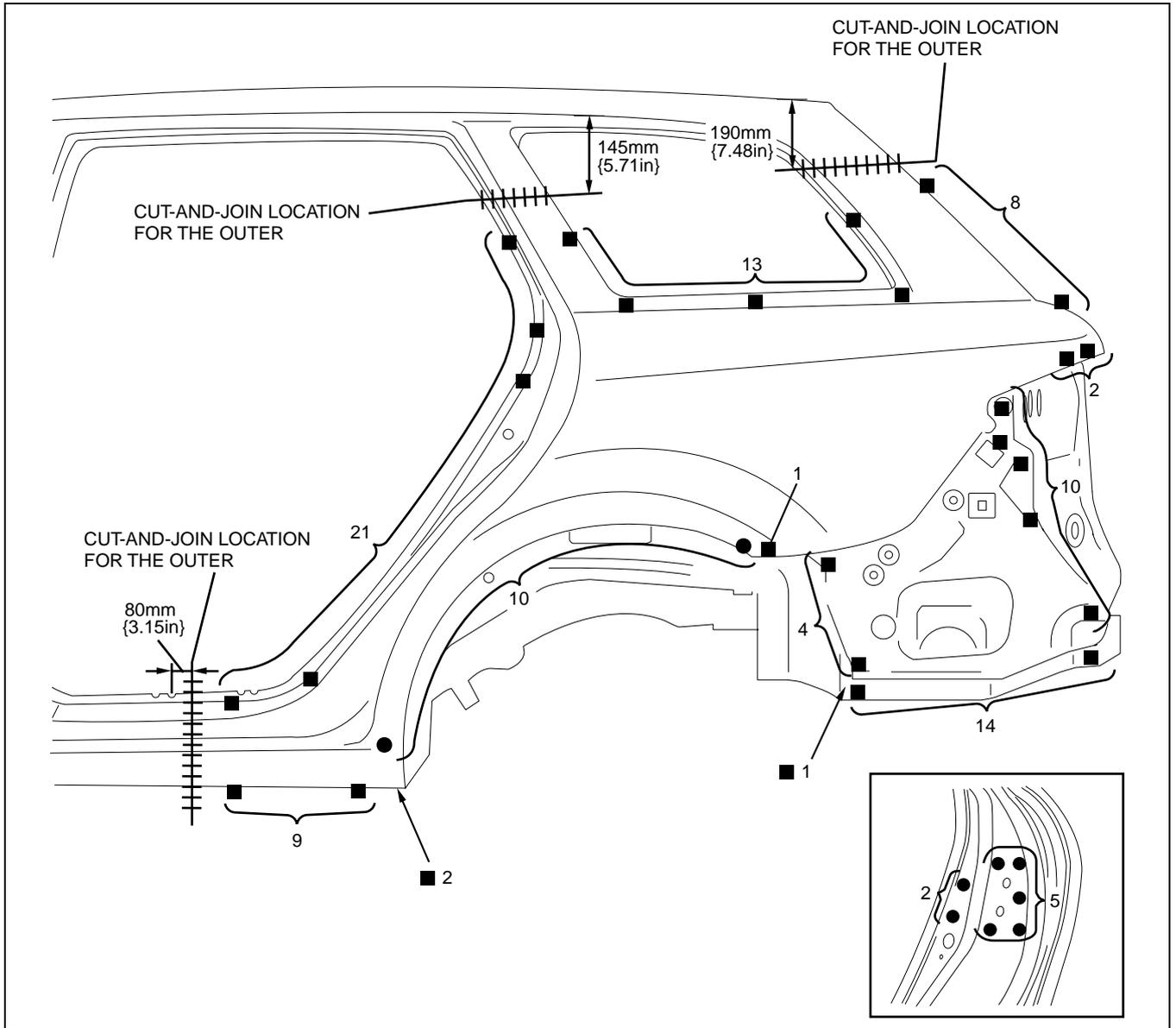
A6E98121001

PANEL REPLACEMENT

REAR FENDER PANEL INSTALLATION

A6E981274100102

1. When joining the new and old parts, temporarily install and fit the new part in position, measure each dimension according to the body dimension, then adjust the position to align it to the standard dimensions.
2. Drill holes for plug welds before installing new parts.
3. Before installing new parts, apply spot weld sealer to the wheel arch line.
4. After trial-fitting new parts, make sure the related parts fit properly.



A6E98121002

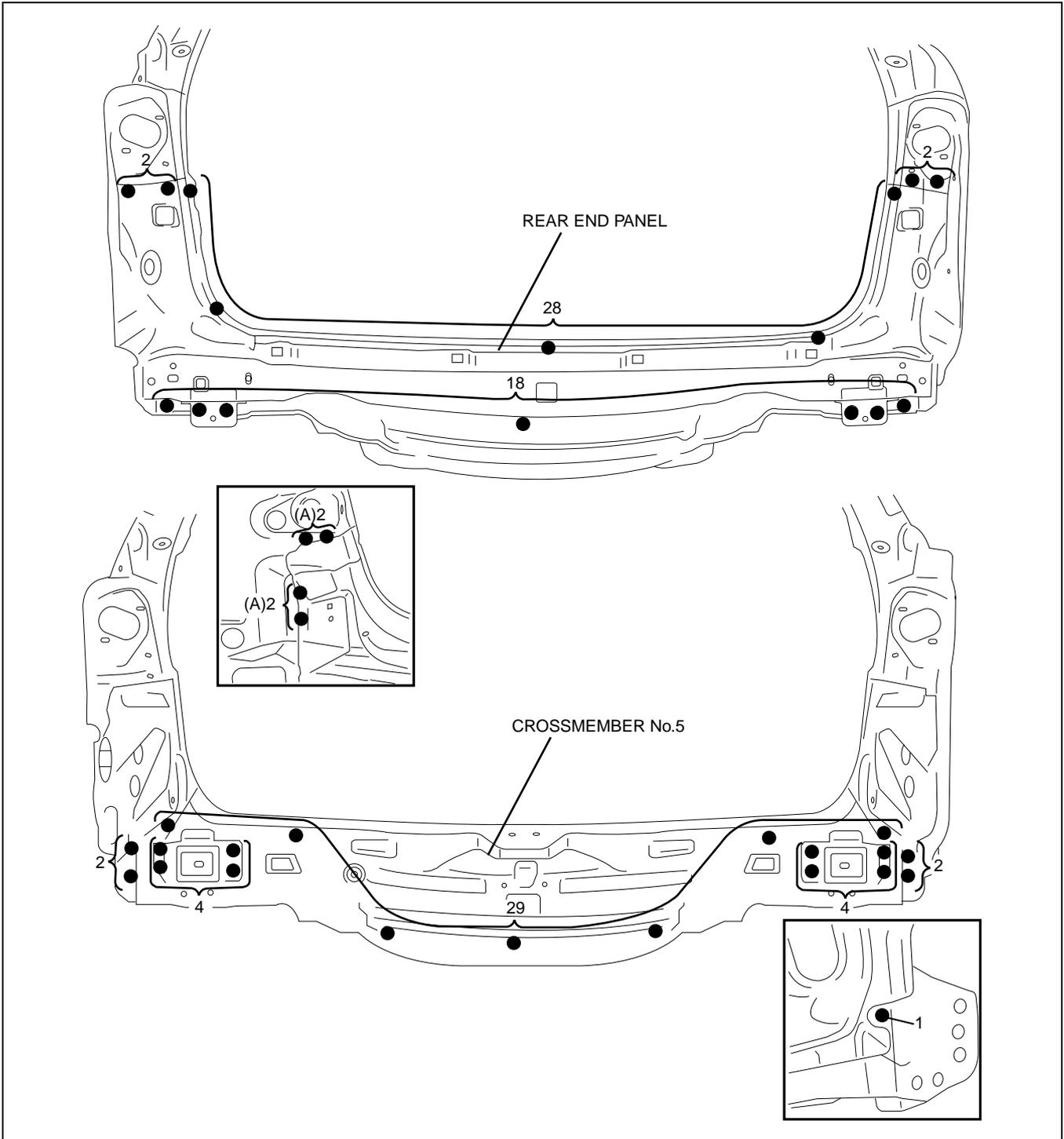


PANEL REPLACEMENT

REAR END PANEL AND CROSSMEMBER NO.5 REMOVAL

A6E981270750101

1. Remove the rear end panel.
2. Drill the 4 weld locations indicated by (A), from the room side.
3. Remove the crossmember No.5.



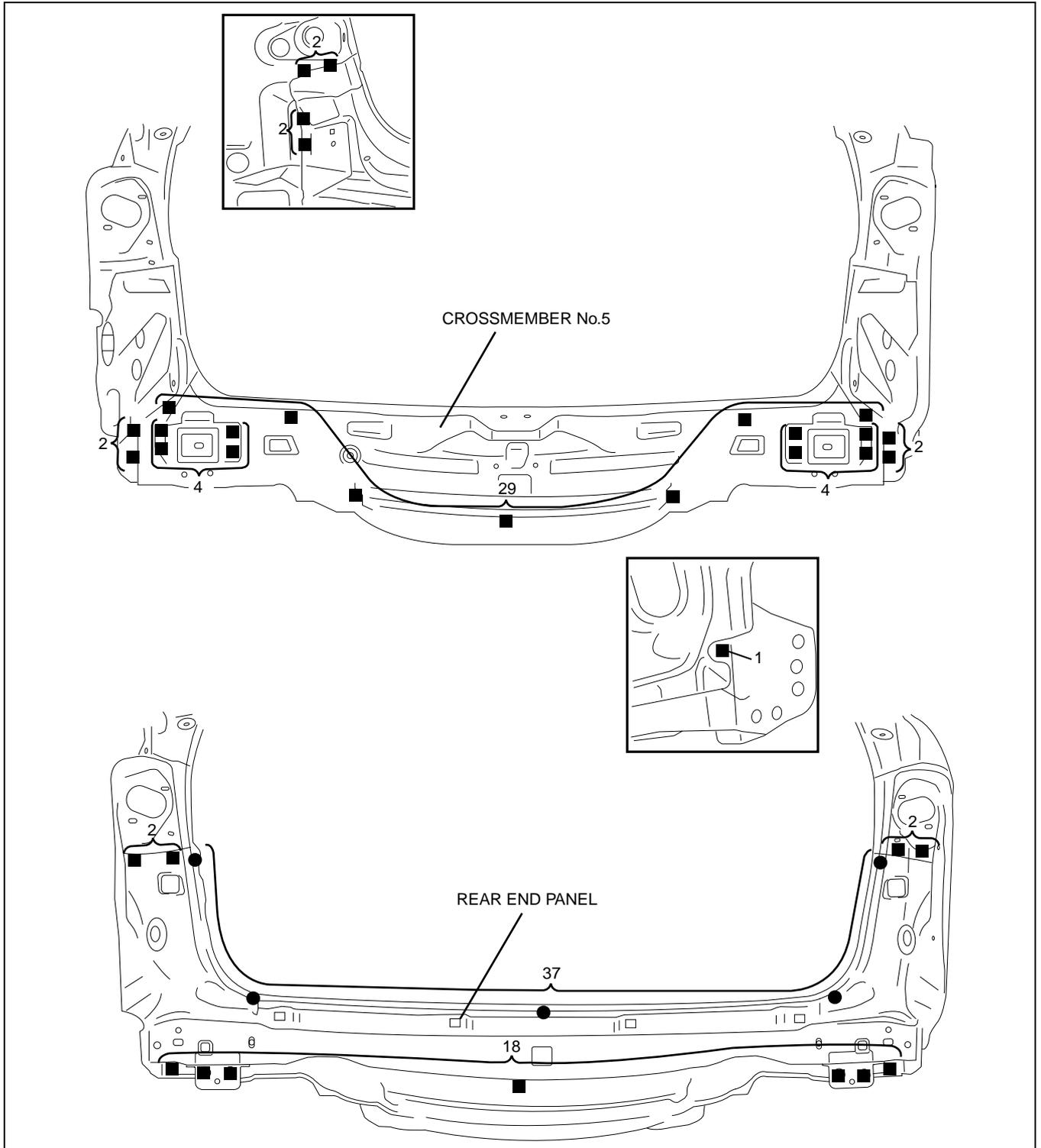
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PANEL REPLACEMENT

REAR END PANEL AND CROSSMEMBER NO.5 INSTALLATION

A6E981270750102

1. When installing new parts, position each part so that the section measurement aligns to the body dimension.
2. Drill holes for plug welds before installing new parts.
3. After trial-fitting new parts, make sure the related parts fit properly.



A6E98121006

PANEL REPLACEMENT

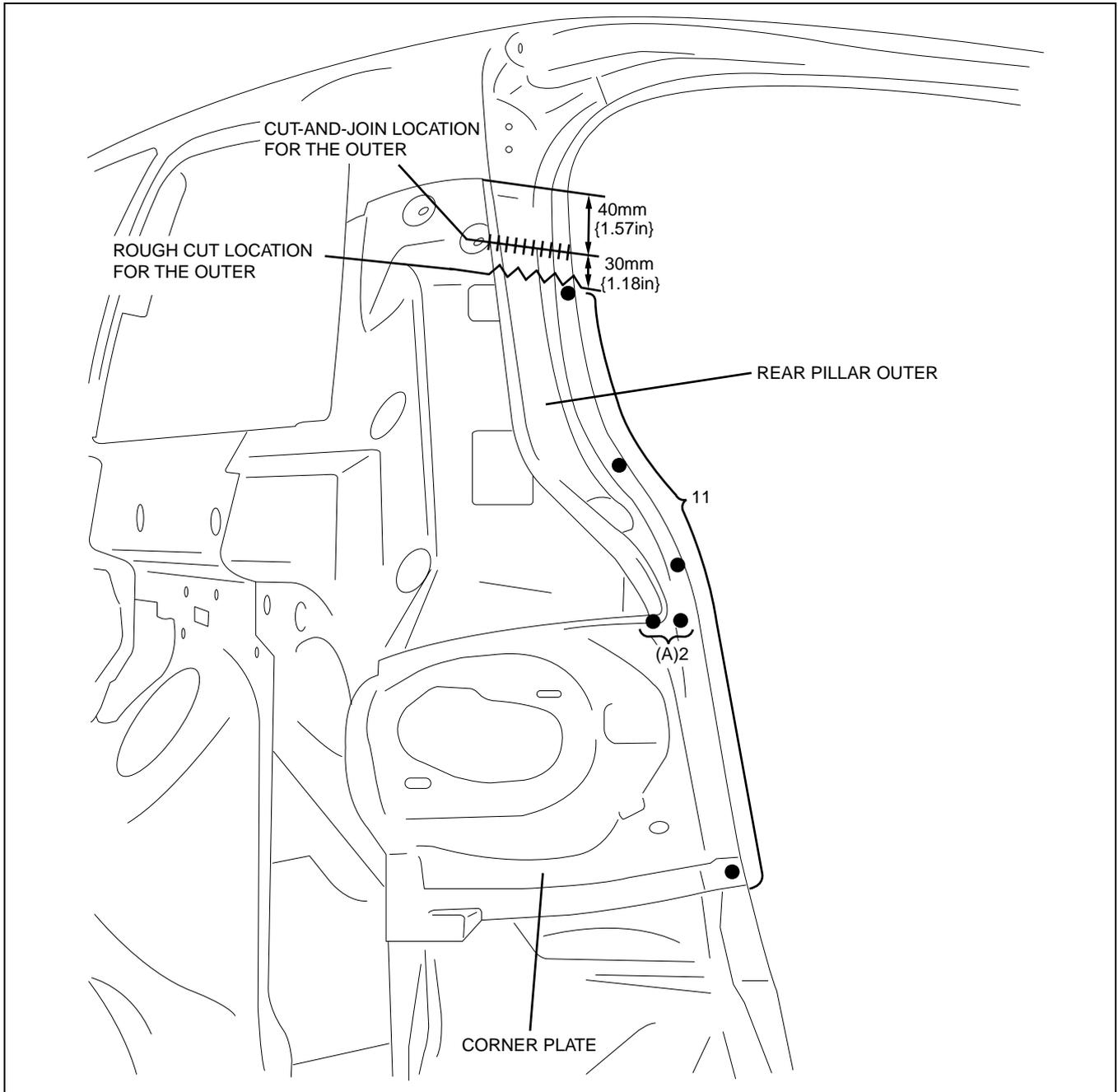
REAR PILLAR OUTER AND CORNER PLATE REMOVAL

A6E981270442101

1. Remove the rear pillar outer and corner plate.

Note

- When removing the rear pillar outer and the corner plate separately, drill 2 locations indicated by (A).



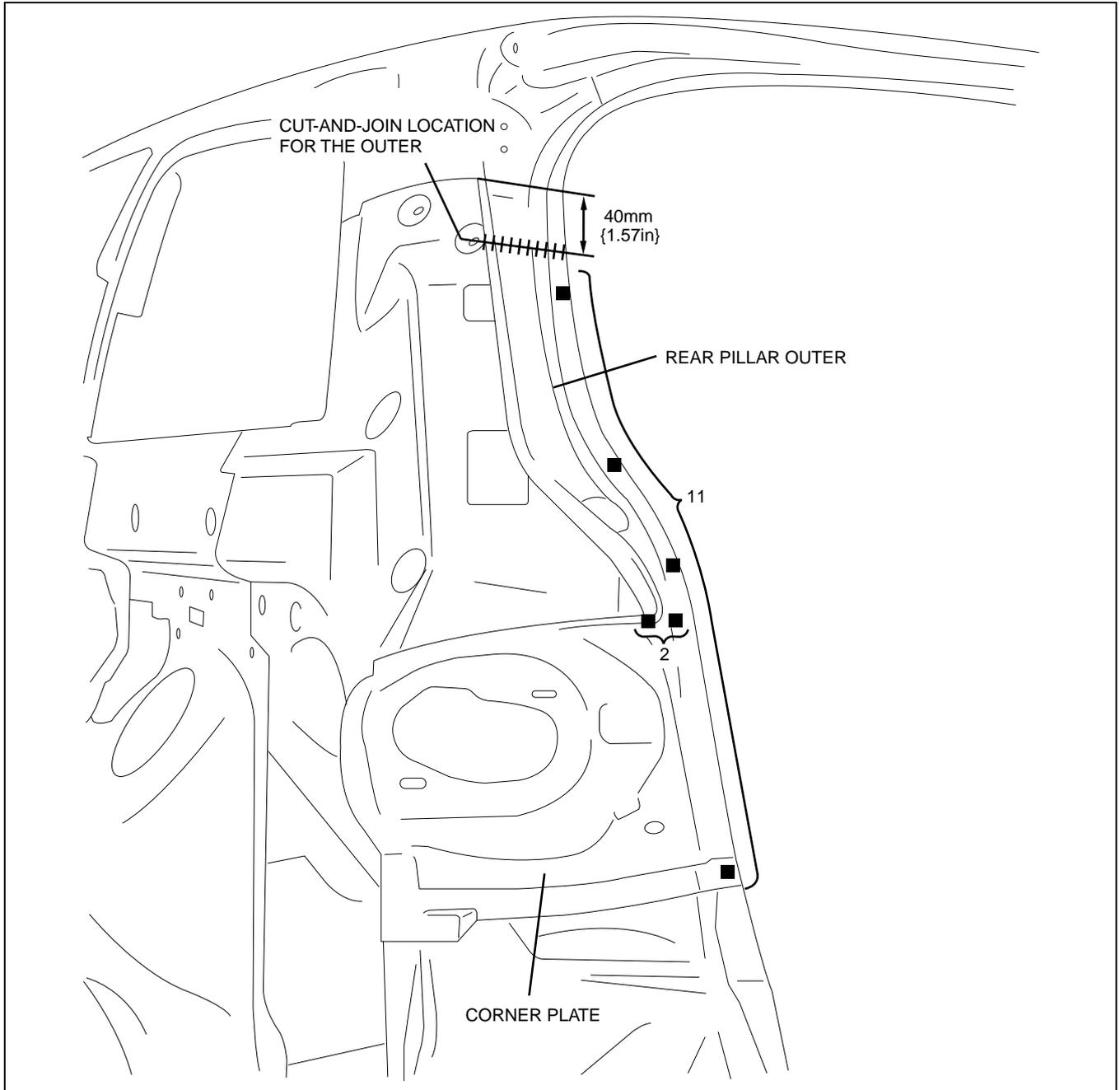
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PANEL REPLACEMENT

REAR PILLAR OUTER AND CORNER PLATE INSTALLATION

A6E981270442102

1. When joining the new and old parts, temporarily install and fit the new part in position, measure each dimension according to the body dimension, then adjust the position to align it to the standard dimensions.
2. Drill holes for plug welds before installing new parts.
3. After trial-fitting new parts, make sure the related parts fit properly.



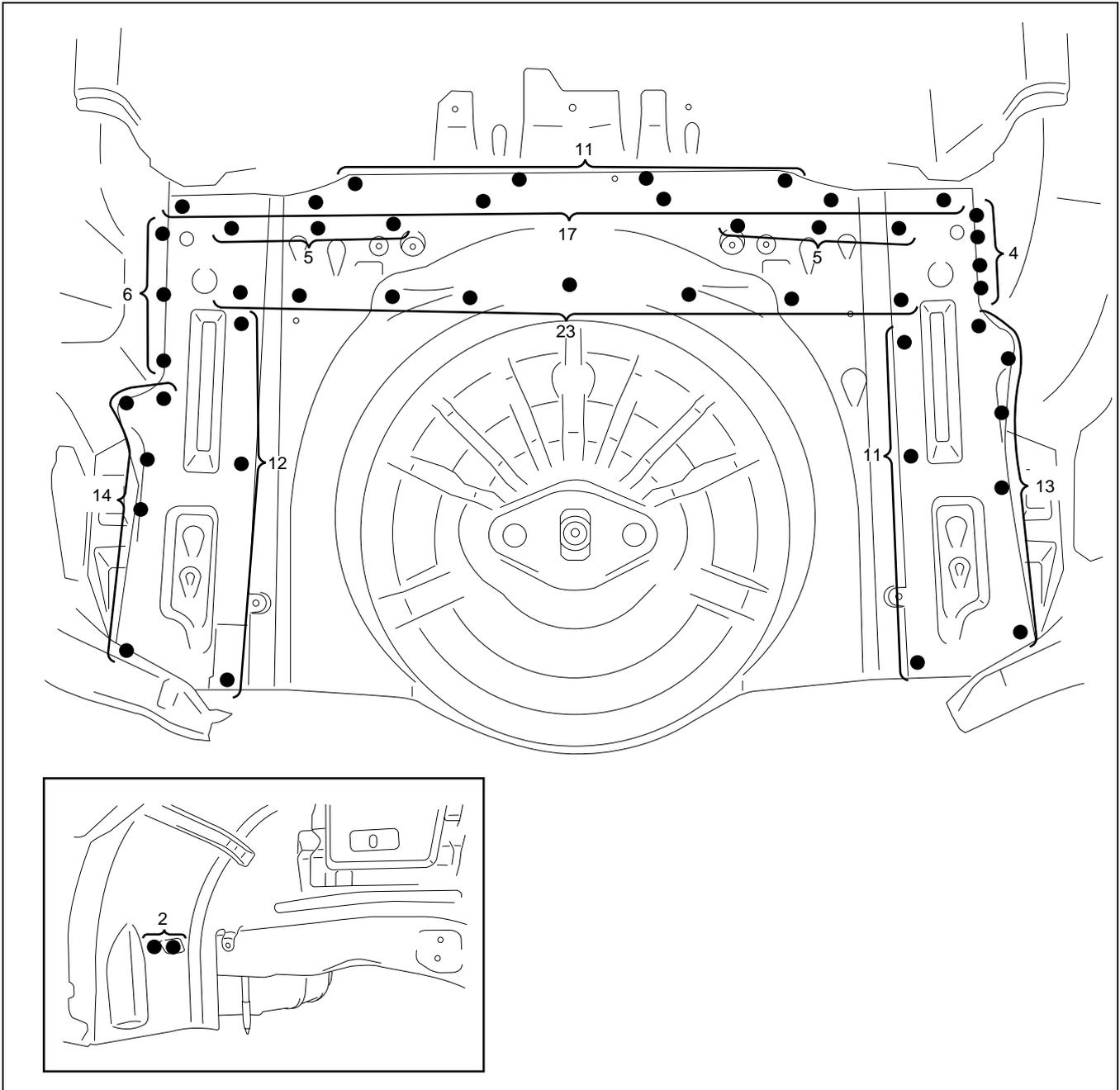
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PANEL REPLACEMENT

REAR FLOOR PAN REMOVAL

A6E981253750101

1. Remove the rear floor pan.



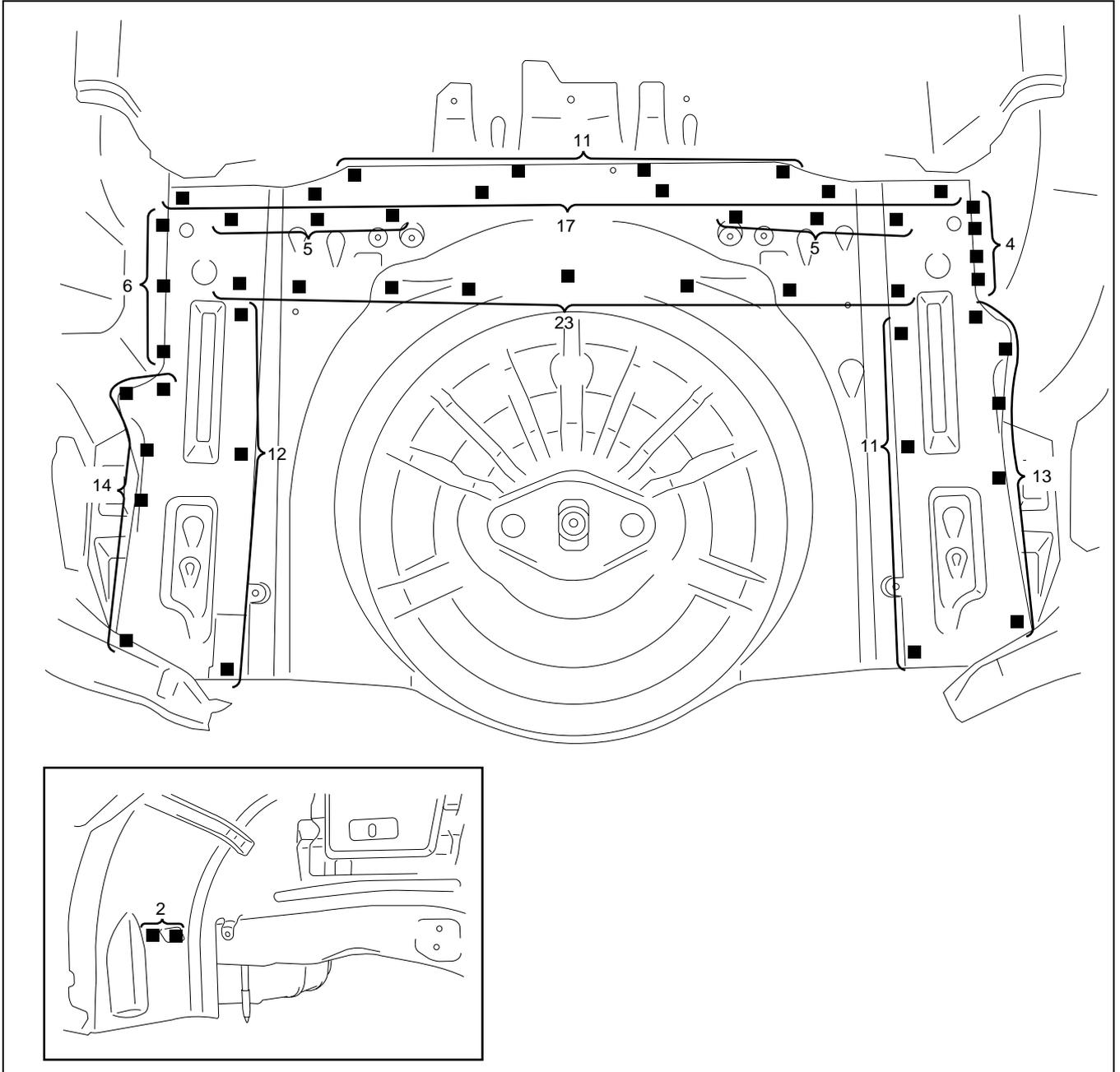
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PANEL REPLACEMENT

REAR FLOOR PAN INSTALLATION

A6E981253750102

1. Drill holes for plug welds before installing new parts.
2. After trial-fitting new parts, make sure the related parts fit properly.



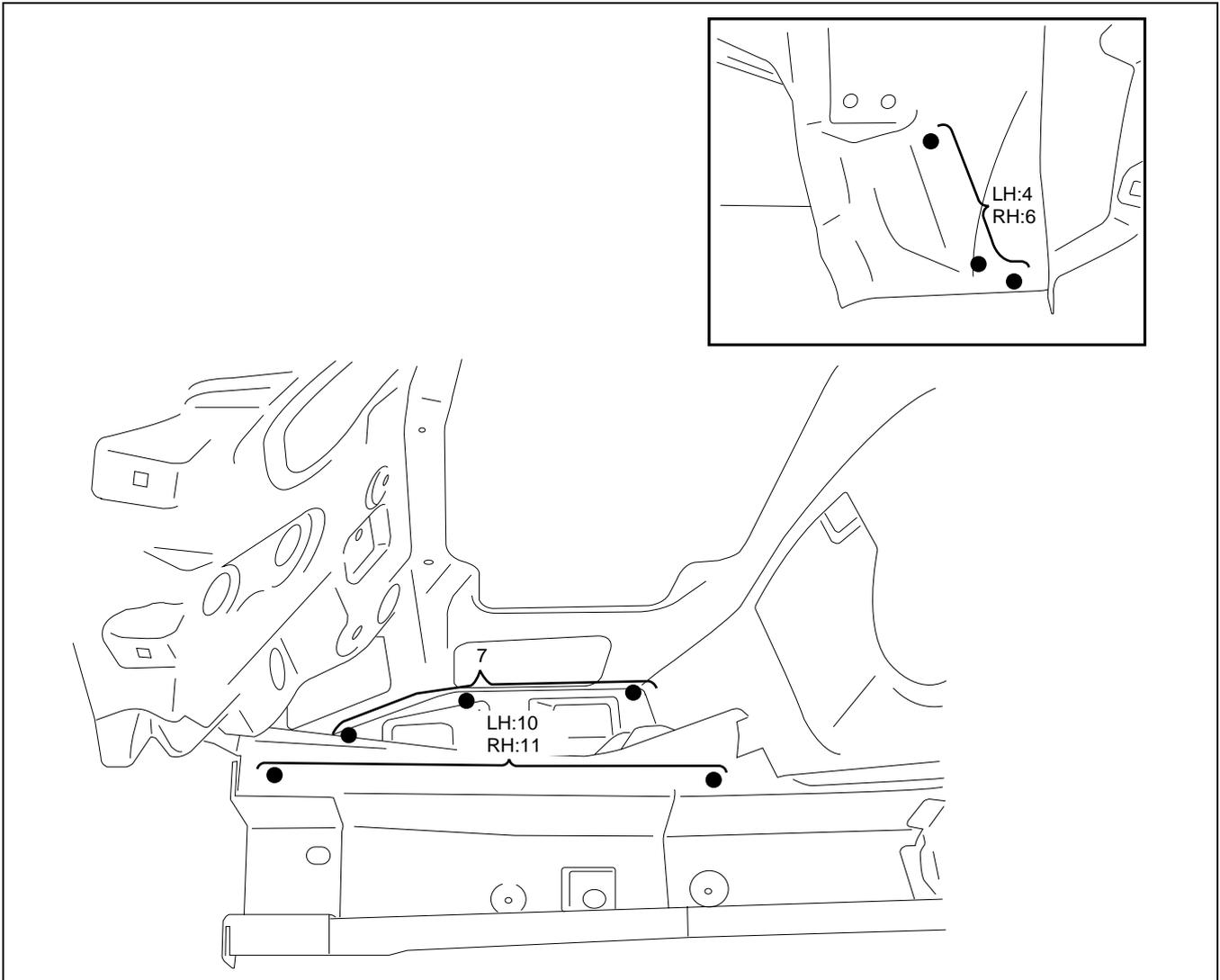
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PANEL REPLACEMENT

FLOOR SIDE PANEL REMOVAL

A6E981253730101

1. Remove the floor side panel.



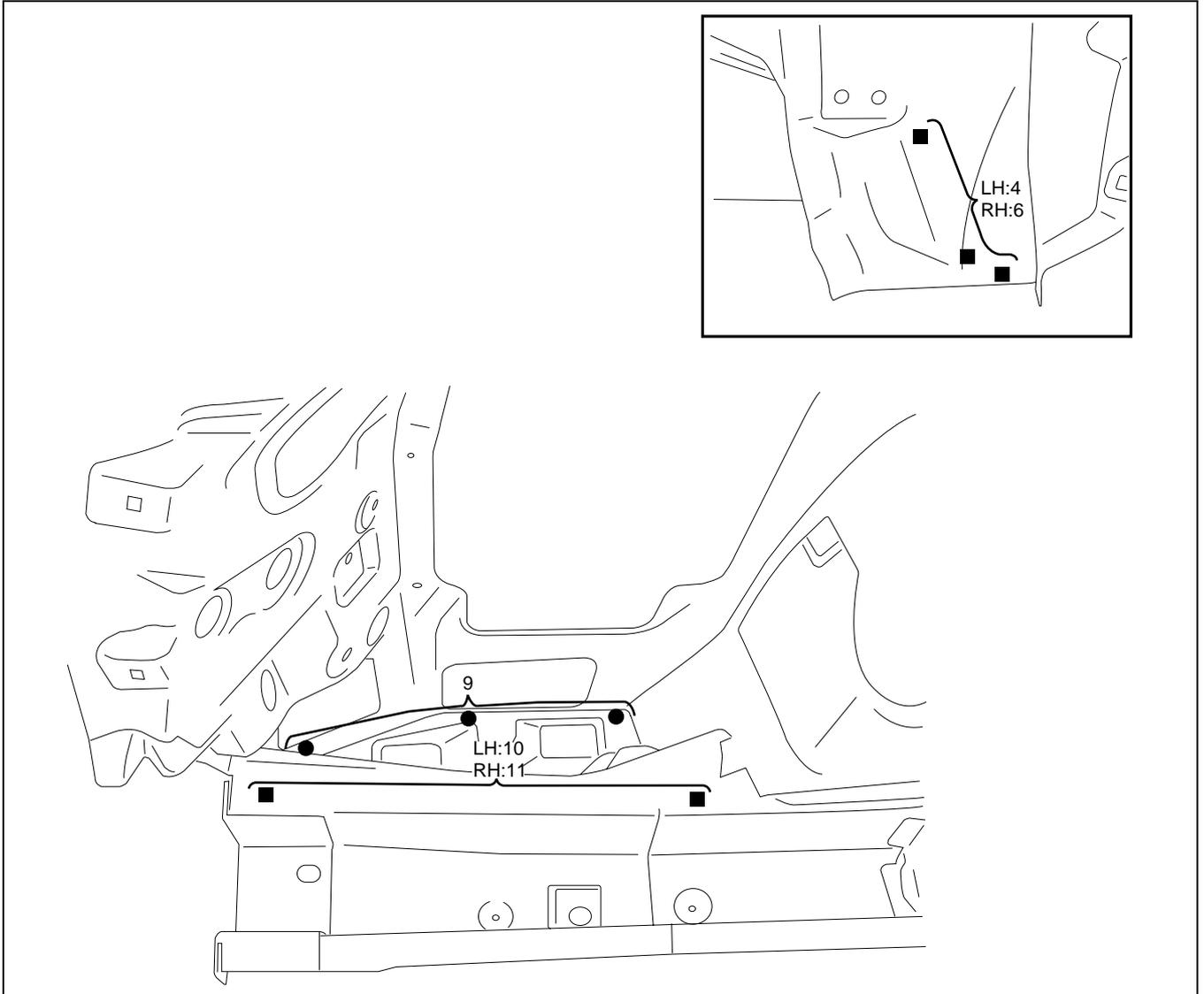
A6E98121009

PANEL REPLACEMENT

FLOOR SIDE PANEL INSTALLATION

A6E981253730102

1. Drill holes for plug welds before installing new parts.
2. After trial-fitting new parts, make sure the related parts fit properly.



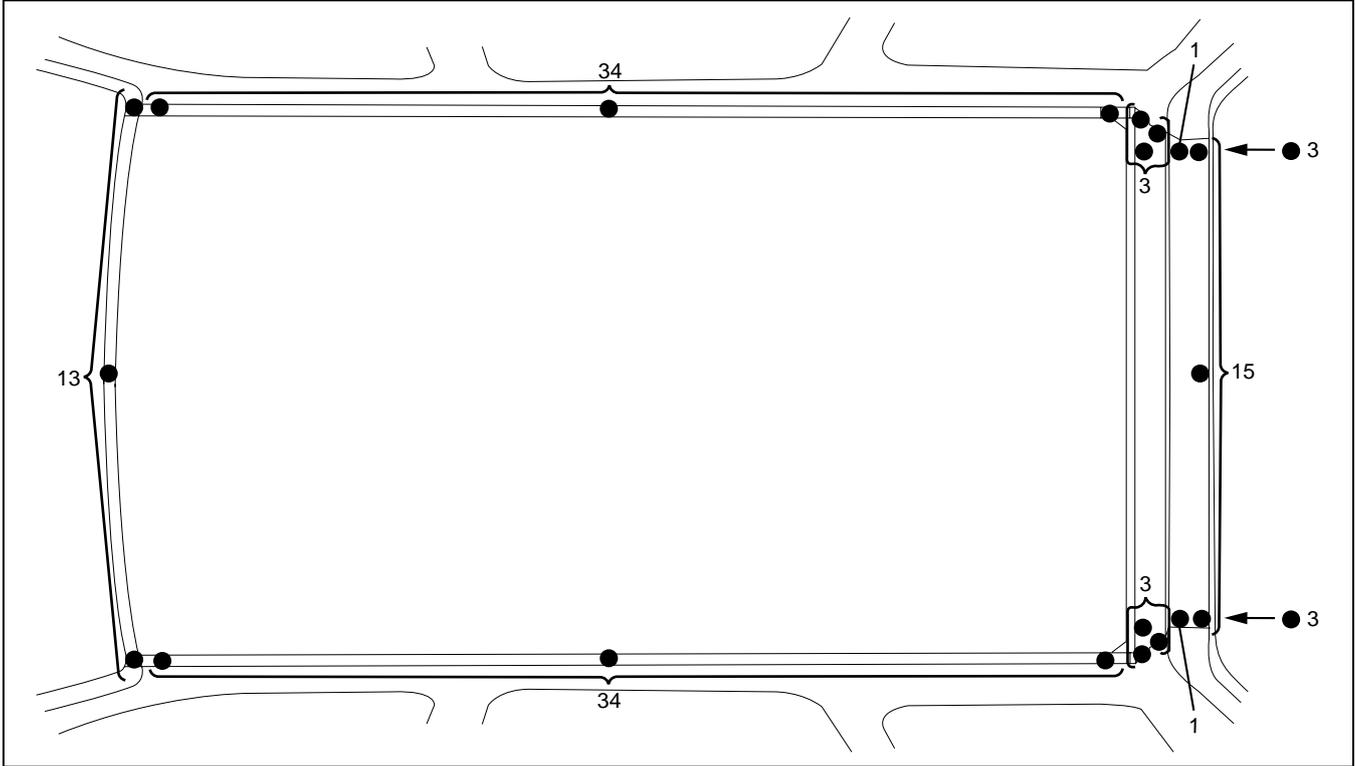
A6E98121010

PANEL REPLACEMENT

ROOF PANEL REMOVAL

A6E981270600101

1. Remove the roof panel.

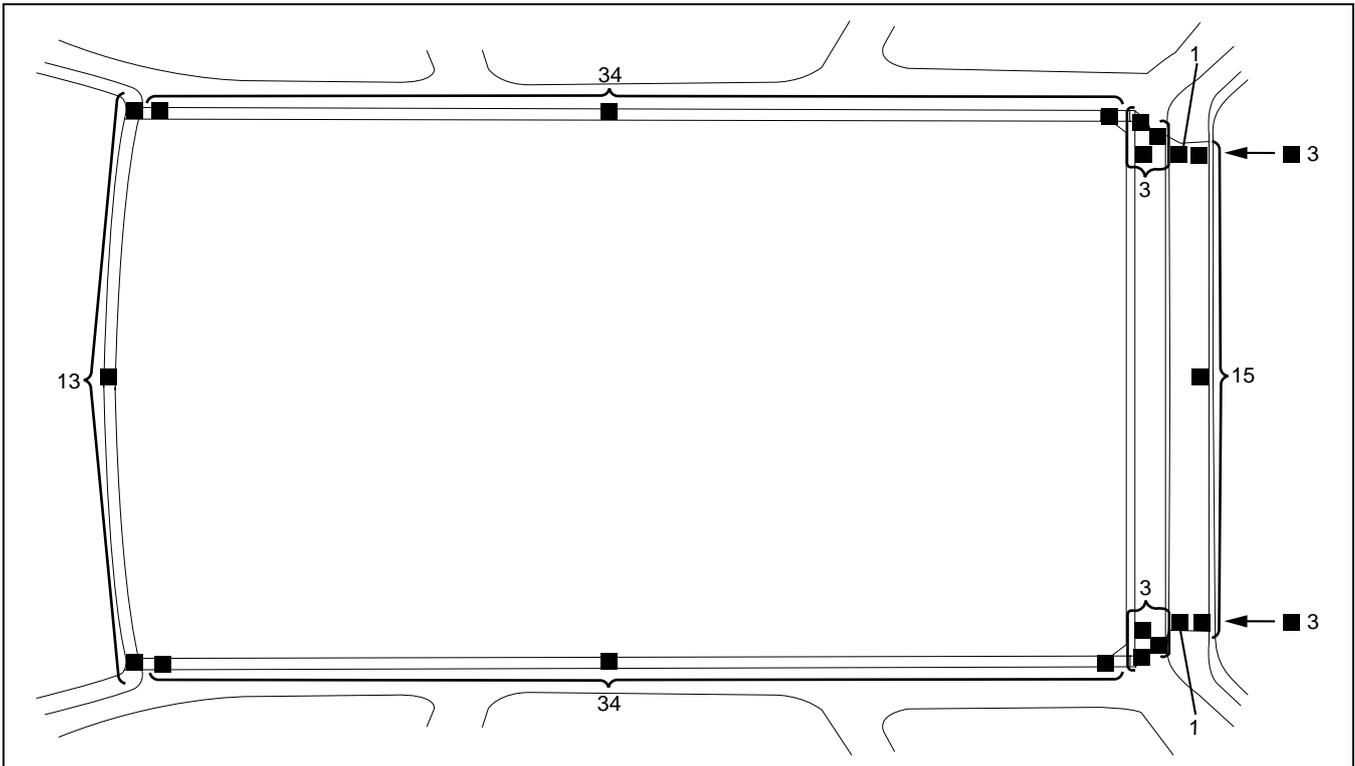


A6E98121011

ROOF PANEL INSTALLATION

A6E981270600102

1. Drill holes for plug welds before installing new parts.
2. After trial-fitting new parts, make sure the related parts fit properly.



A6E98121012

WATER-PROOF AND RUST PREVENTIVE TREATMENT

WATER-PROOF AND RUST PREVENTIVE TREATMENTIV-2
BODY SEALINGIV-2
PVC PAINTINGIV-5
RUST PREVENTIVE TREATMENT.....IV-6

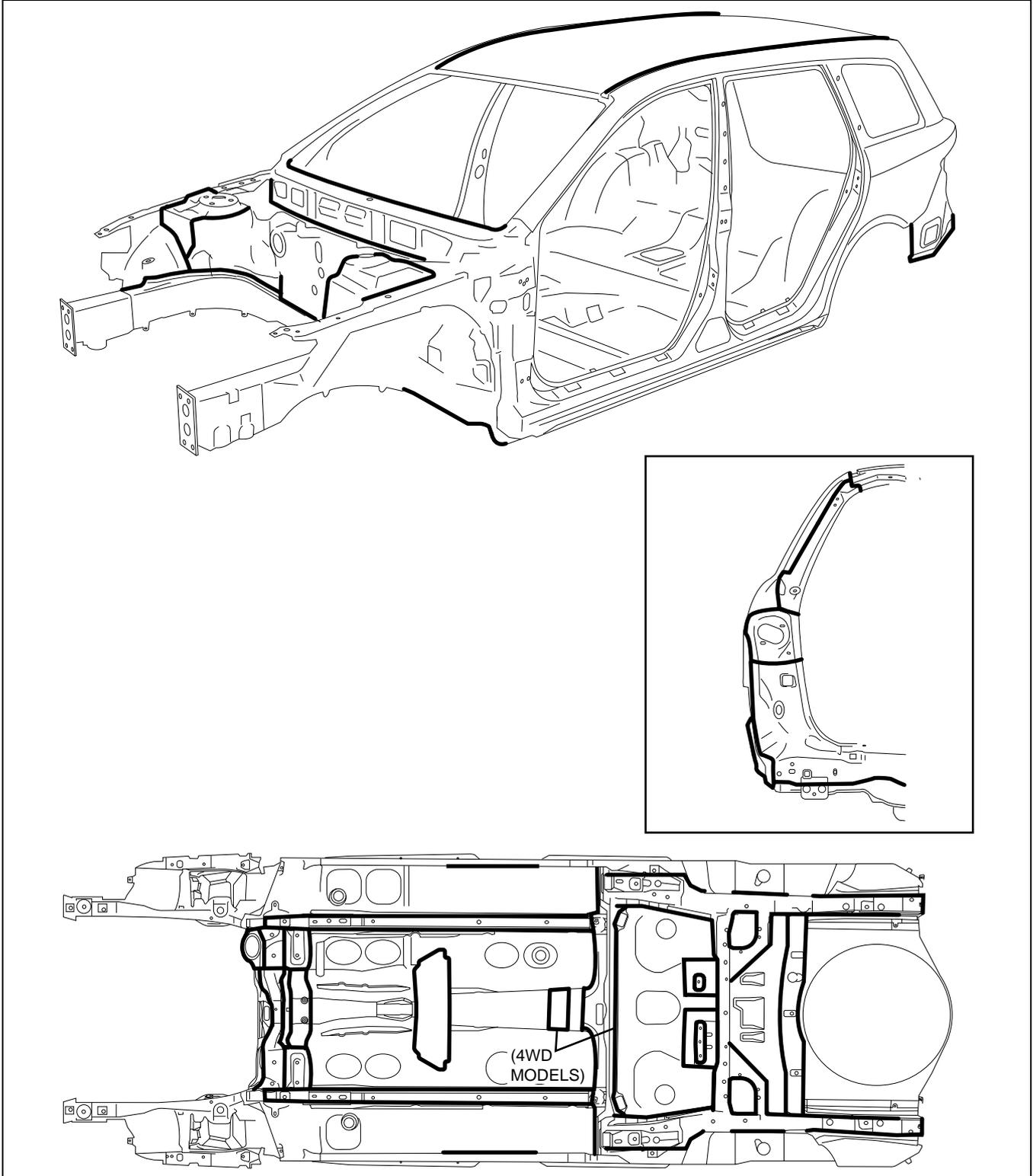
WATER-PROOF AND RUST PREVENTIVE TREATMENT

WATER-PROOF AND RUST PREVENTIVE TREATMENT

BODY SEALING

A6E981407000101

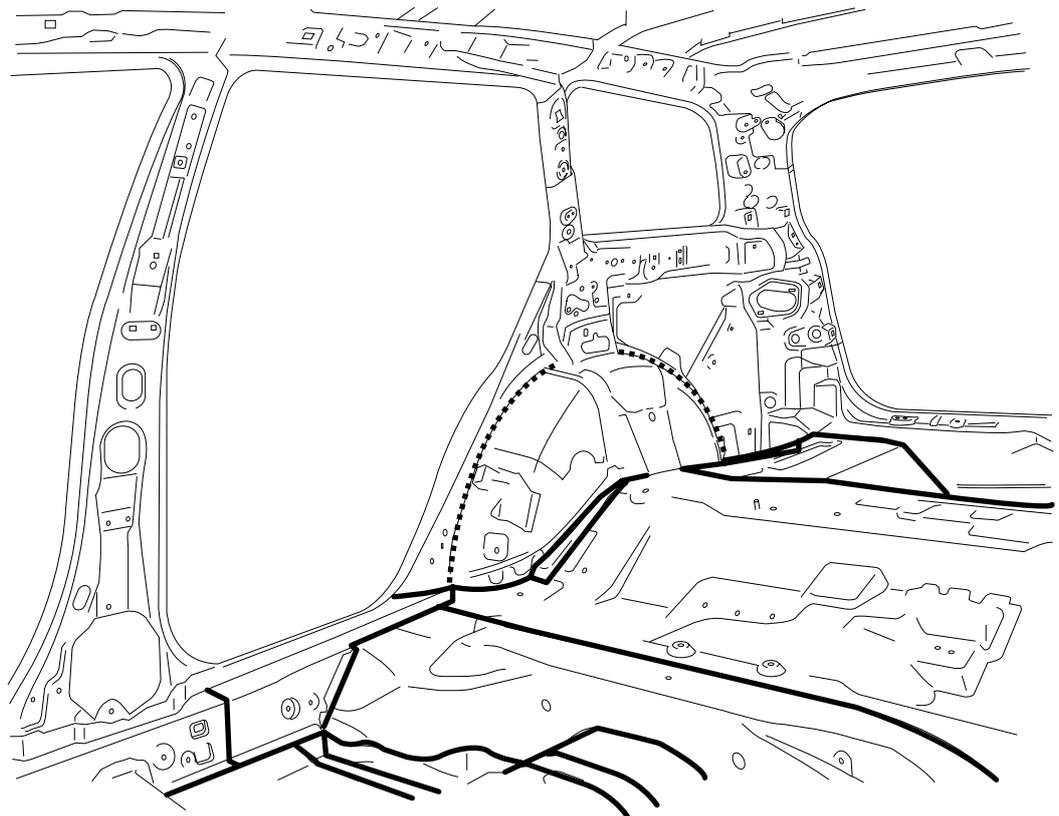
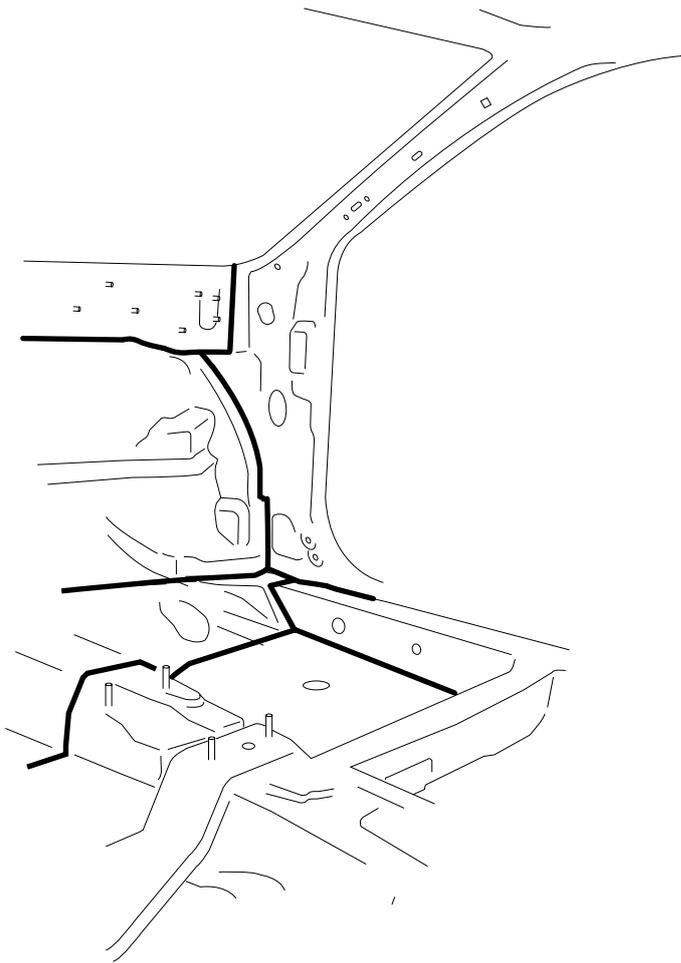
Sealant is applied to the parts where the panels meet and to the hemmed parts of the door panel and bonnet to provide waterproofing and rust proofing.



A6E98141001

WATER-PROOF AND RUST PREVENTIVE TREATMENT

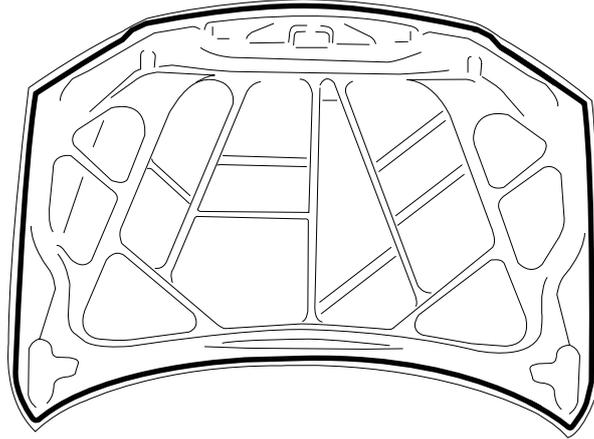
IV



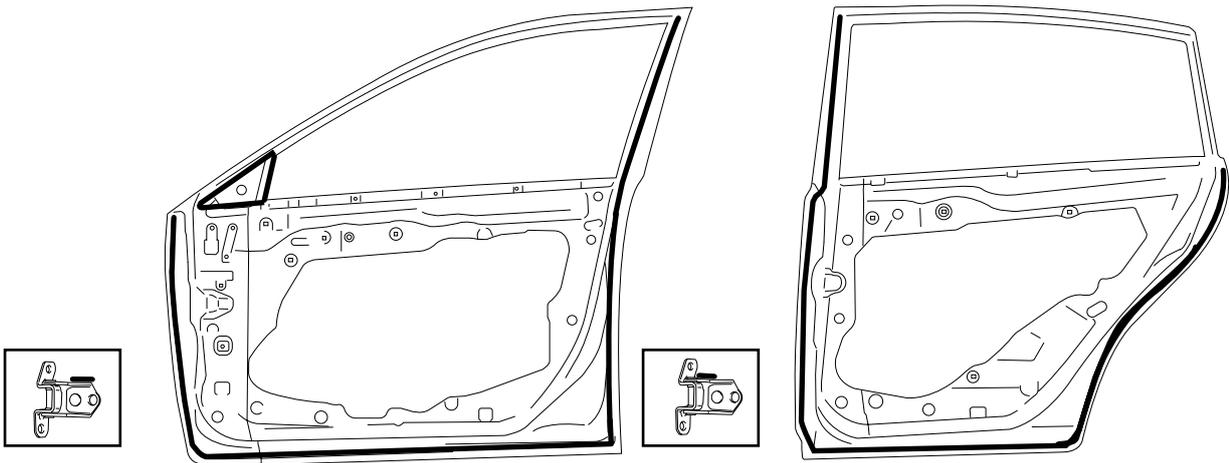
A6E98141002

WATER-PROOF AND RUST PREVENTIVE TREATMENT

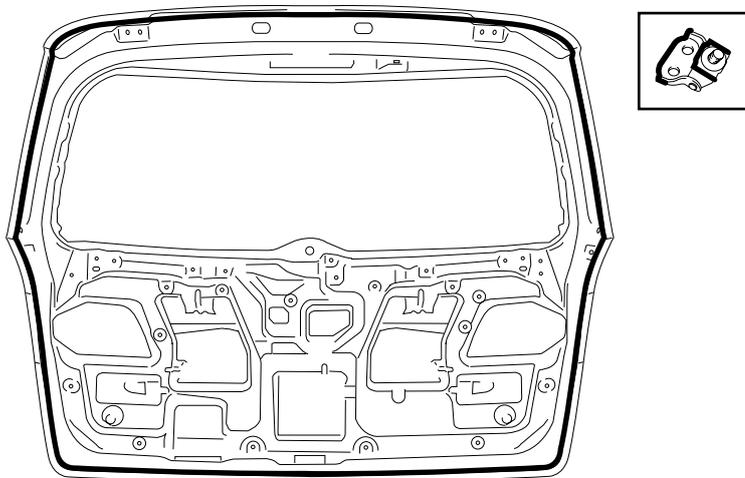
BONNET



DOOR



LIFTGATE



A6E98141003

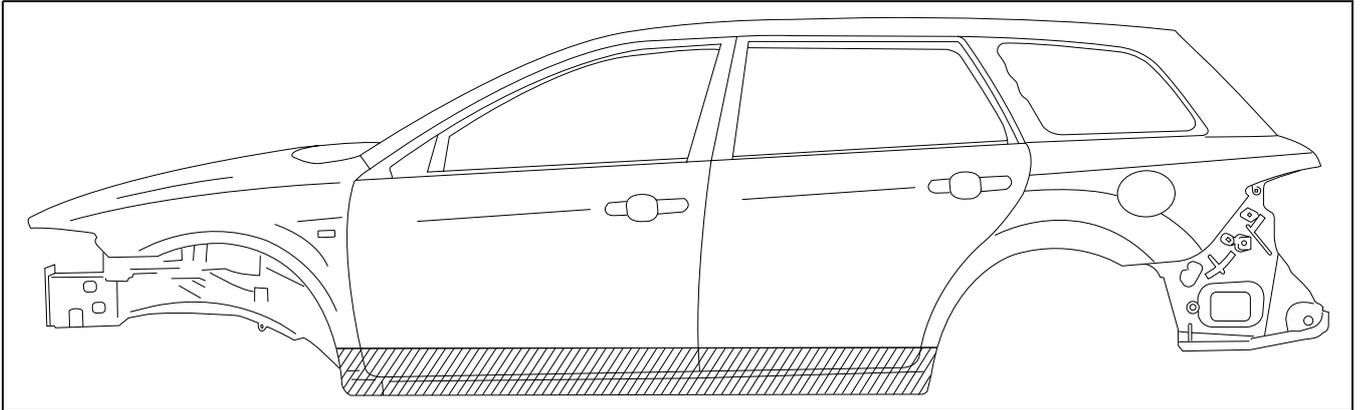
WATER-PROOF AND RUST PREVENTIVE TREATMENT

PVC PAINTING

The coating locations are indicated by the shaded areas.

A6E981407000102

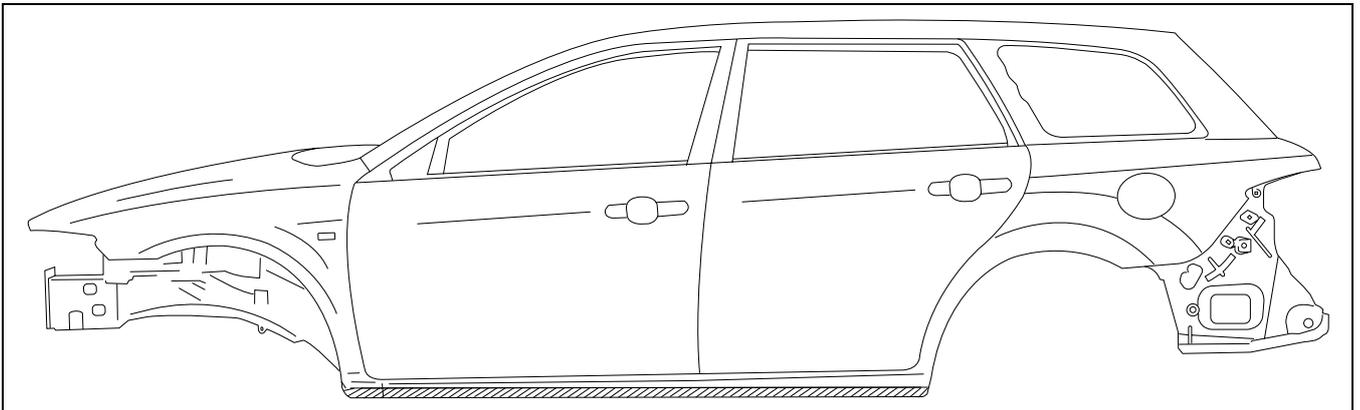
Without Side Step Molding



A6E98141004

IV

With Side Step Molding



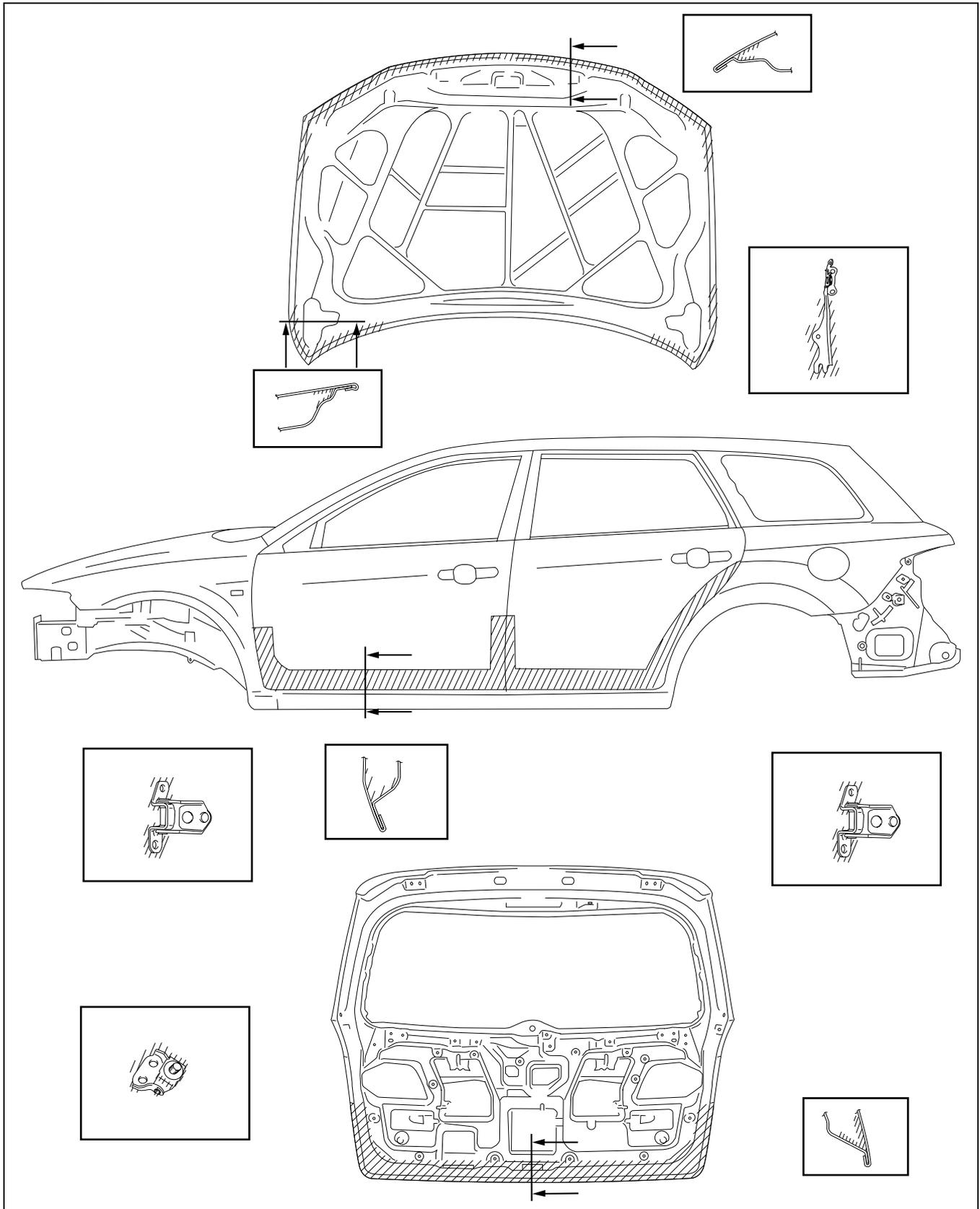
A6E98141005

WATER-PROOF AND RUST PREVENTIVE TREATMENT

RUST PREVENTIVE TREATMENT

A6E981407000103

The coating locations are indicated by the shaded areas.



A6E98141006

DIMENSIONS

DIMENSIONS	V-2
CABIN SIDE FRAME STRAIGHT-LINE DIMENSIONS	V-2
ROOM STRAIGHT-LINE DIMENSIONS (1)	V-3
ROOM STRAIGHT-LINE DIMENSIONS (2)	V-4
REAR BODY STRAIGHT-LINE DIMENSIONS....	V-5

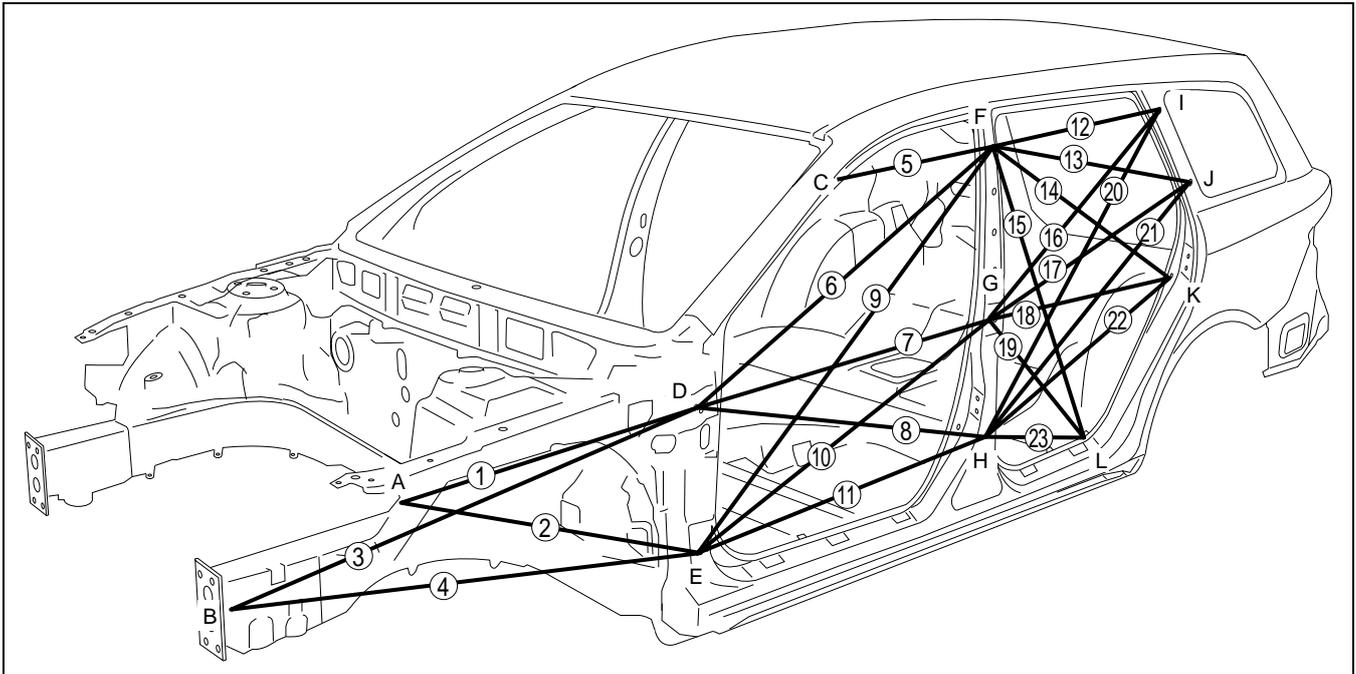
V

DIMENSIONS

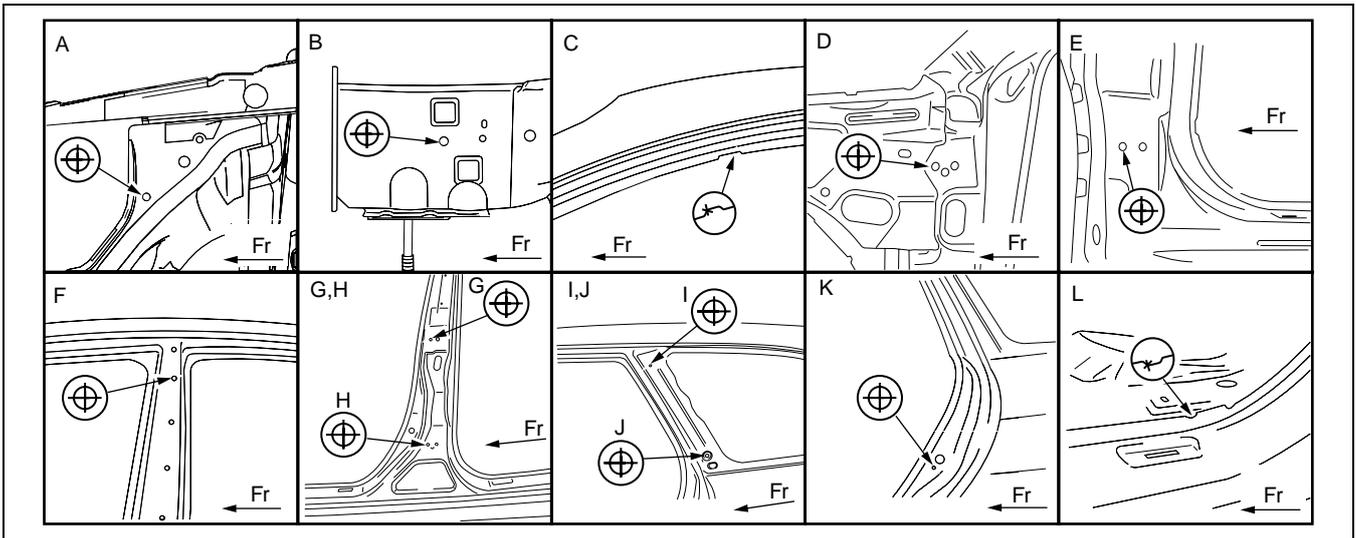
DIMENSIONS

CABIN SIDE FRAME STRAIGHT-LINE DIMENSIONS

A6E981670010101



A6E98161001



A6E98161002

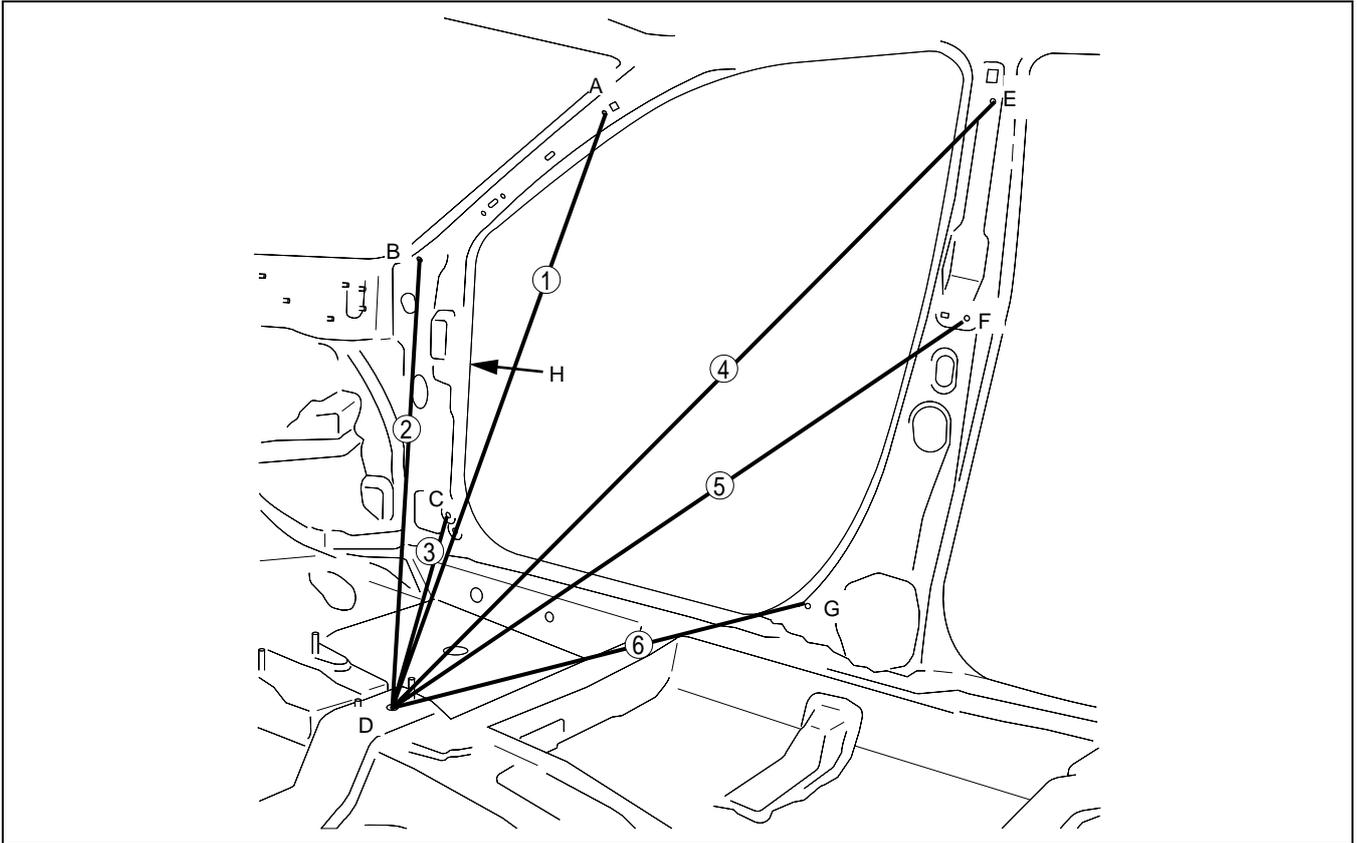
Measured location	Dimensions mm {in}
1	692 {27.24}
2	747 {29.41}
3	998 {39.29}
4	968 {38.11}
5	451 {17.76}
6	1,349 {53.11}
7	1,144 {45.04}
8	1,144 {45.04}
9	1,501 {59.09}
10	1,204 {47.40}
11	1,093 {43.03}
12	795 {31.03}

Measured location	Dimensions mm {in}
13	964 {37.95}
14	943 {37.13}
15	979 {38.54}
16	1,024 {40.31}
17	1,069 {42.09}
18	921 {36.26}
19	683 {26.89}
20	1,255 {49.41}
21	1,227 {48.31}
22	1,004 {39.53}
23	536 {21.10}

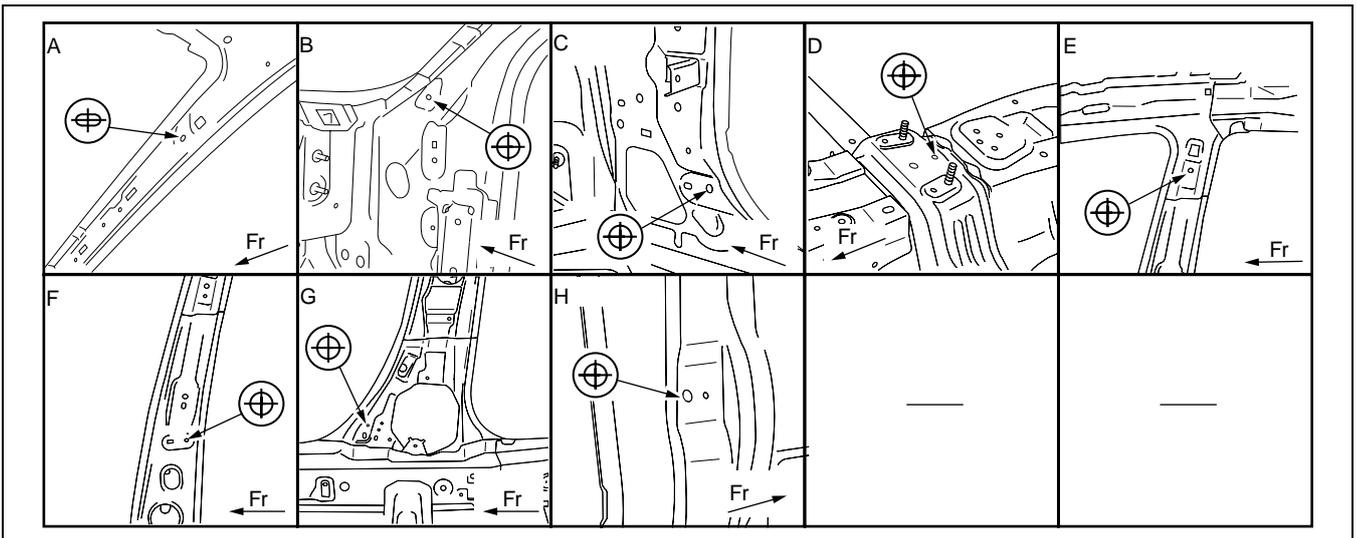
DIMENSIONS

ROOM STRAIGHT-LINE DIMENSIONS (1)

A6E981670001101



A6E98161003



A6E98161004

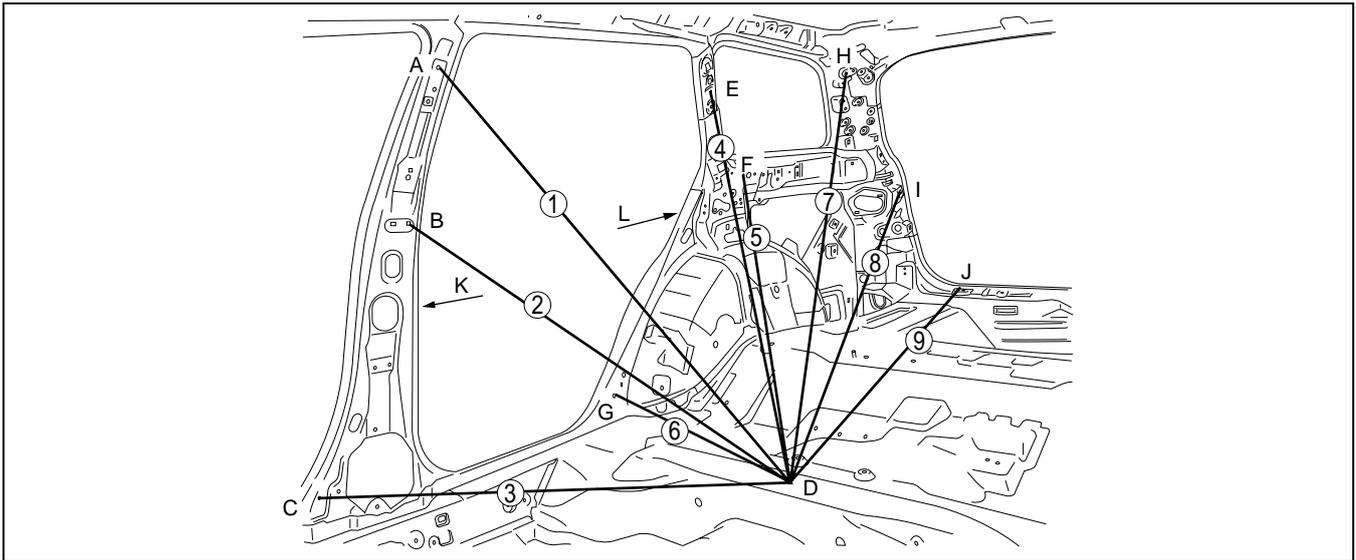
Measured location	Dimensions mm {in}	
	1	2WD
	4WD	1,012 {39.84}
2	2WD	1,098 {43.23}
	4WD	1,102 {43.39}
3	2WD	920 {36.22}
	4WD	934 {36.77}

Measured location	Dimensions mm {in}	
	4	2WD
4WD		1,151 {45.31}
5	2WD	1,010 {39.76}
	4WD	988 {38.90}
6	2WD	767 {30.20}
	4WD	760 {29.92}
H-H'	1,487 {58.54}	

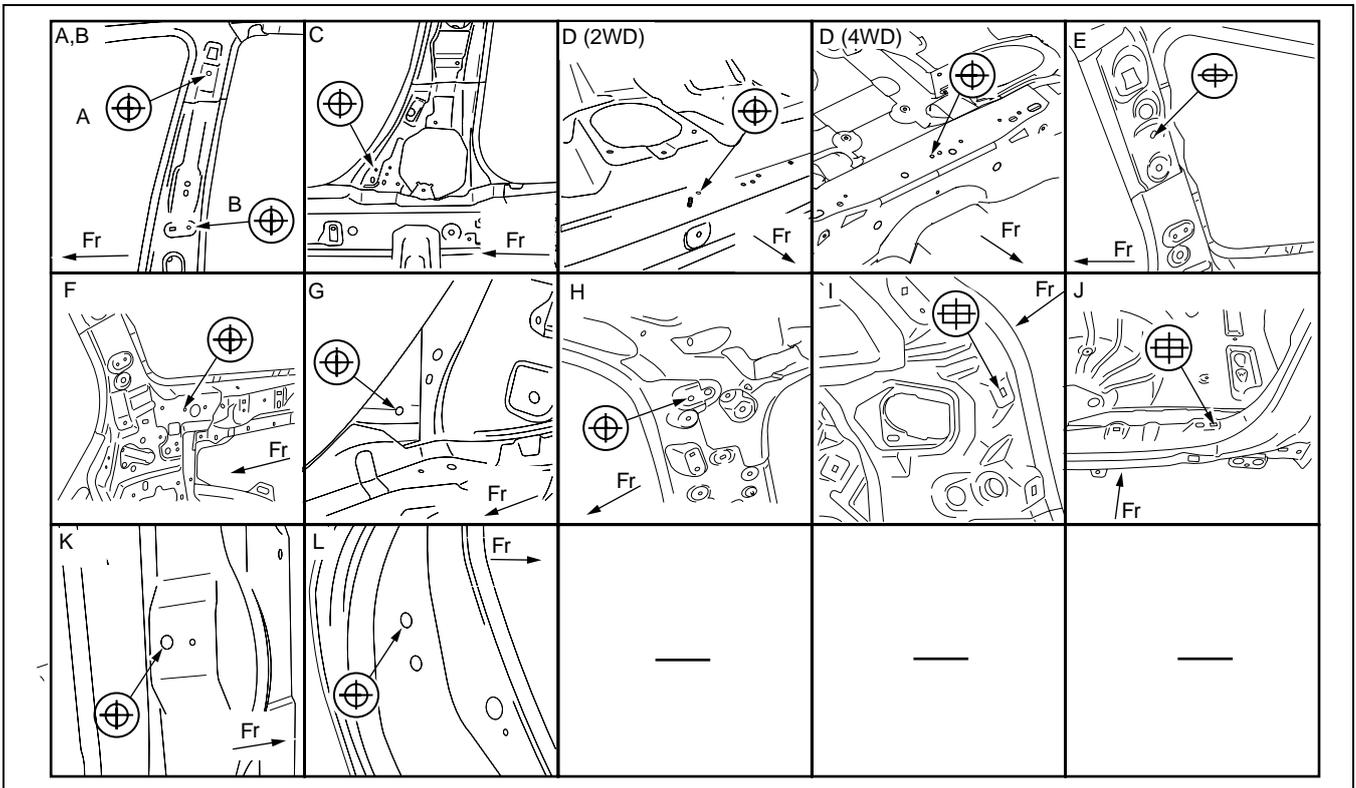
DIMENSIONS

ROOM STRAIGHT-LINE DIMENSIONS (2)

A6E981670001102



A6E98161005



A6E98161006

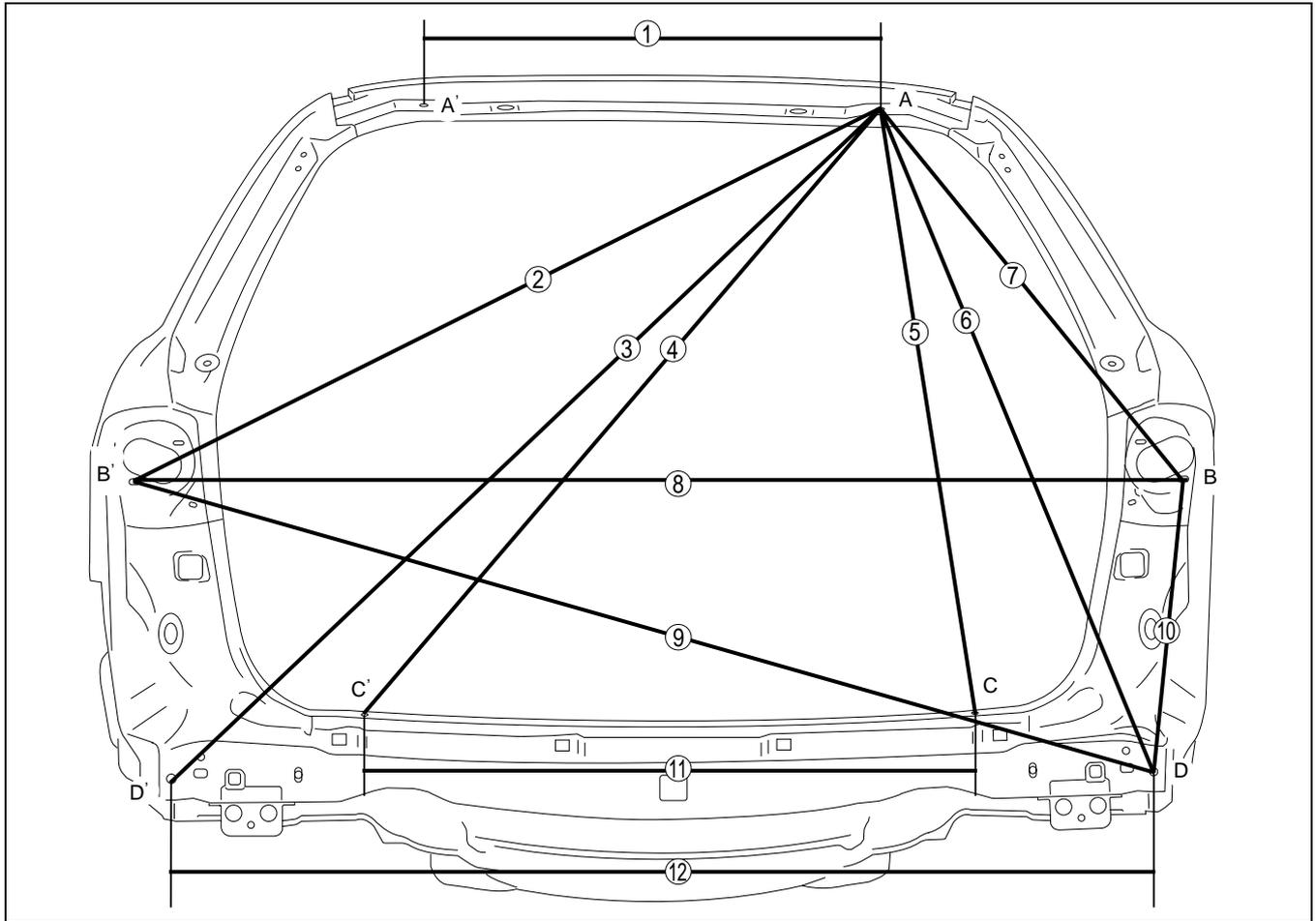
Measured location	Dimensions mm {in}	
	2WD	RH:1,141 {44.92}, LH:1,104 {43.46}
1	4WD	RH:1,053 {41.46}, LH:1,030 {40.55}
	2WD	RH:996 {39.21}, LH:946 {37.24}
2	4WD	RH:924 {36.38}, LH:894 {35.20}
	2WD	RH:952 {37.48}, LH:897 {35.31}
3	4WD	RH:929 {36.57}, LH:897 {35.31}
	2WD	RH:1,215 {47.83}, LH:1,179 {46.42}
4	4WD	RH:1,147 {45.16}, LH:1,126 {44.33}
	2WD	RH:1,230 {48.43}, LH:1,190 {46.85}
5	4WD	RH:1,185 {46.65}, LH:1,160 {45.67}

Measured location	Dimensions mm {in}	
	2WD	RH:833 {32.80}, LH:767 {30.20}
6	4WD	RH:819 {32.24}, LH:781 {30.75}
	2WD	RH:1,531 {60.28}, LH:1,507 {59.33}
7	4WD	RH:1,481 {58.31}, LH:1,467 {57.76}
	2WD	RH:1,708 {67.24}, LH:1,684 {66.30}
8	4WD	RH:1,689 {66.50}, LH:1,675 {65.94}
	2WD	RH:1,680 {66.14}, LH:1,660 {65.35}
9	4WD	RH:1,683 {66.26}, LH:1,672 {65.83}
	K-K'	1,505 {59.25}
L-L'	1,557 {61.30}	

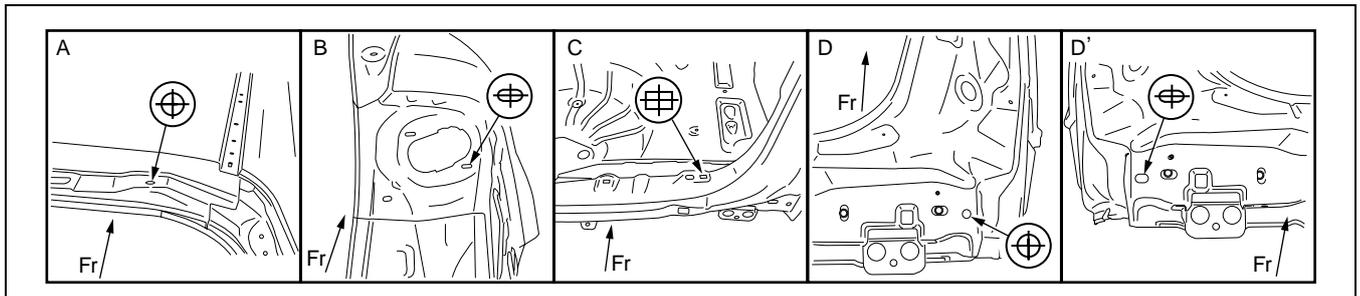
DIMENSIONS

REAR BODY STRAIGHT-LINE DIMENSIONS

A6E981670002101



A6E98161007



A6E98161008

Measured location	Dimensions mm {in}
1	700 {27.56}
2	1,234 {48.58}
3	1,424 {56.06}
4	1,241 {48.86}
5	948 {37.32}
6	1,057 {41.61}

Measured location	Dimensions mm {in}
7	708 {27.87}
8	1,461 {57.52}
9	1,442 {56.77}
10	425 {16.73}
11	916 {36.06}
12	1,300 {51.18}

PLASTIC BODY PARTS

PLASTIC BODY PARTS VI-2
PLASTIC PARTS HEAT RESISTING
TEMPERATURE VI-2

PLASTIC BODY PARTS

PLASTIC BODY PARTS

PLASTIC PARTS HEAT RESISTING TEMPERATURE

A6E981850000101

Part Name	Code	Material Name	Heat resisting Temperature°C{°F}	
WINDSHIELD MOULDING	PVC	POLYVINYLCHLORIDE	95 {203}	
COWL GRILLE	PP	POLYPROPYLENE	95 {203}	
FRONT COMBINATION LIGHT	LENS	PC	POLYCARBONATE	130 {266}
	HOUSING	PBT	PBT	120 {248}
RADIATOR GRILLE	GRILLE	ABS	ABS	90 {194}
	REINFORCEMENT	PP	POLYPROPYLENE	95 {203}
FRONT BUMPER	PP	POLYPROPYLENE	100 {212}	
FRONT SIDE TURN LIGHT	LENS	PMMA	ACRYLIC	75 {167}
	HOUSING	PC-PBT	POLYCARBONATE-PBT	120 {248}
OUTSIDE MIRROR	HOUSING	ABS	ABS	95 {200}
	BASE	PBT	PBT	200 {395}
	BLACK	AES	AES	75 {167}
	BODY COLOR	ABS	ABS	90 {194}
	MIRROR HOLDER	PP	POLYPROPYLENE	50 {122}
REAR COMBINATION LIGHT	LENS	PMMA	ACRYLIC	80 {167}
	HOUSING	AAS	AAS	70 {158}
OUTER HANDLE	HANDLE BASE	PC-PET	POLYCARBONATE-PET	80 {167}
	HANDLE LEVER	PC-PBT	POLYCARBONATE-PBT	80 {167}
REAR BUMPER	PP	POLYPROPYLENE	100 {212}	
REAR FINISHER	ABS	ABS	90 {194}	
ROOF MOULDING	PVC	POLYVINYLCHLORIDE	95 {203}	
BELTLINE MOLDING	PVC	POLYVINYLCHLORIDE	95 {203}	
REAR SPOILER	ABS	ABS	90 {194}	
SIDE STEP MOLDING	PP	POLYPROPYLENE	100 {212}	
SHROUD PANEL	PP	POLYPROPYLENE	100 {212}	
ROOF RAIL	PP	POLYPROPYLENE	100 {212}	

Note

- The application of temperatures higher than heat resisting temperatures may result in part deformation.