

# BODY REPAIR MANUAL

**BS**

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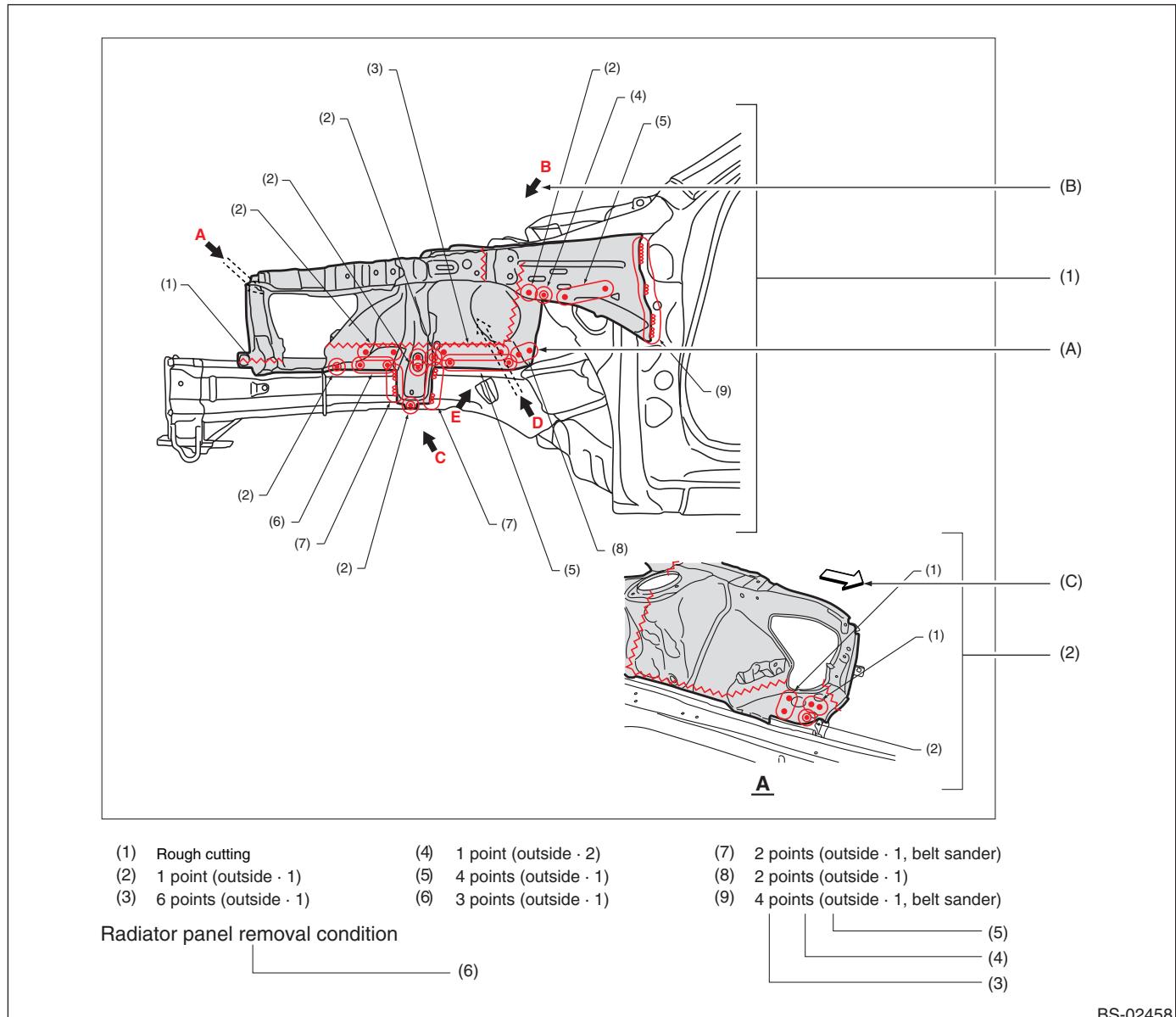
## 1. Foreword

### A: USE OF THIS MANUAL

This manual explains the points to be observed during removal and installation of parts separately by location.

### 1. ILLUSTRATION EXAMPLE

- Symbols and number of points indicate the welding method and the number of welding points. Text in brackets indicates the direction for removal of welded parts, and numbers indicate the number of plates to be drilled in panels of welded parts to be removed.
- An enclosure by a broken line indicates work from the opposite side (rear side).
- At the time of panel replacement, always apply anticorrosion wax to the welding locations.



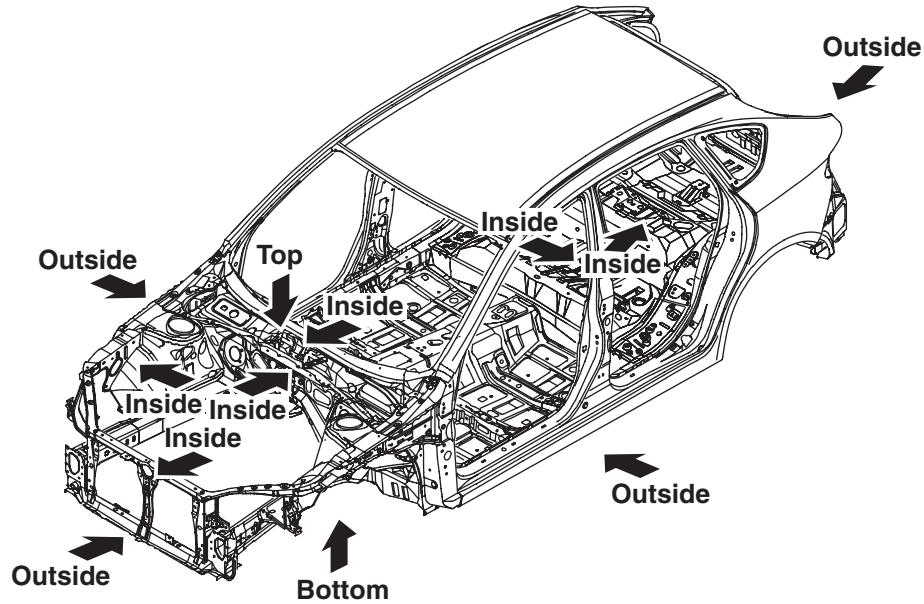
BS-02458

(1) Overall view  
(2) View  
(3) Number of welding points etc.  
(4) Removal direction  
(5) Number of plates to be drilled  
(6) Cautions for the work etc.

(A) Welding method  
(B) View direction  
(C) Direction towards the front of the vehicle

## 2. REMOVAL DIRECTION

Division is made into the four groups of inside, outside, top, and bottom, and these directions are defined as shown in the following figure.

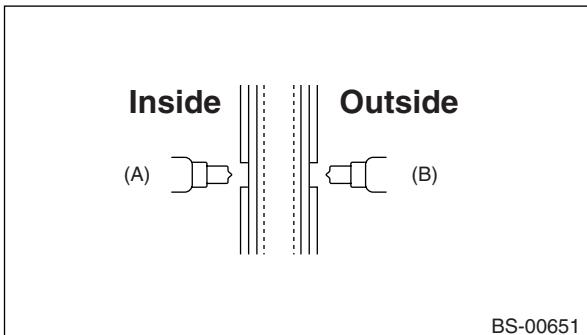


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## 3. NUMBER OF PANELS TO BE DRILLED

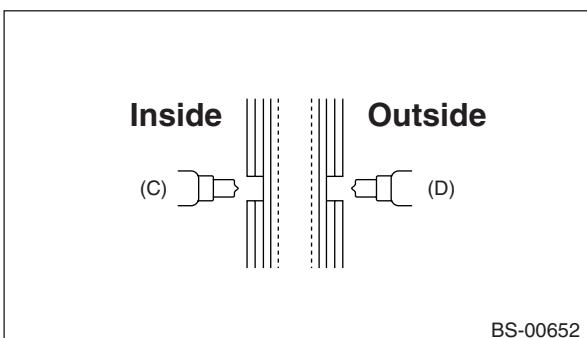
Depending on the number of panels, drilling is done through one panel or two panels, and this number is listed together with the removal direction.

(1) Drilling through one plate



(A) (Inside · 1)  
(B) (Outside · 1)

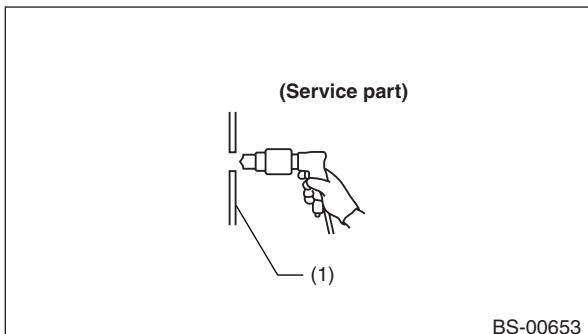
(2) Drilling through two plates



(C) (Inside · 2)  
(D) (Outside · 2)

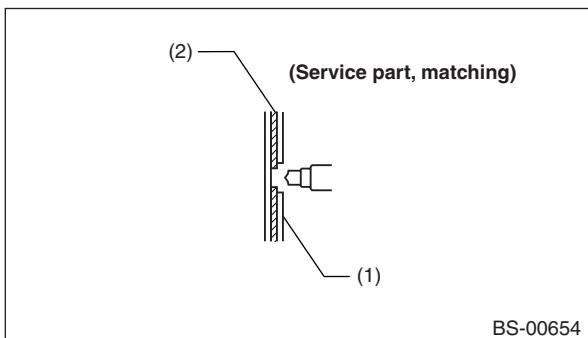
## 4. HOLE DRILLING FOR PLUG WELDING

(1) Drilling of holes for plug welding in service parts



(1) Service part

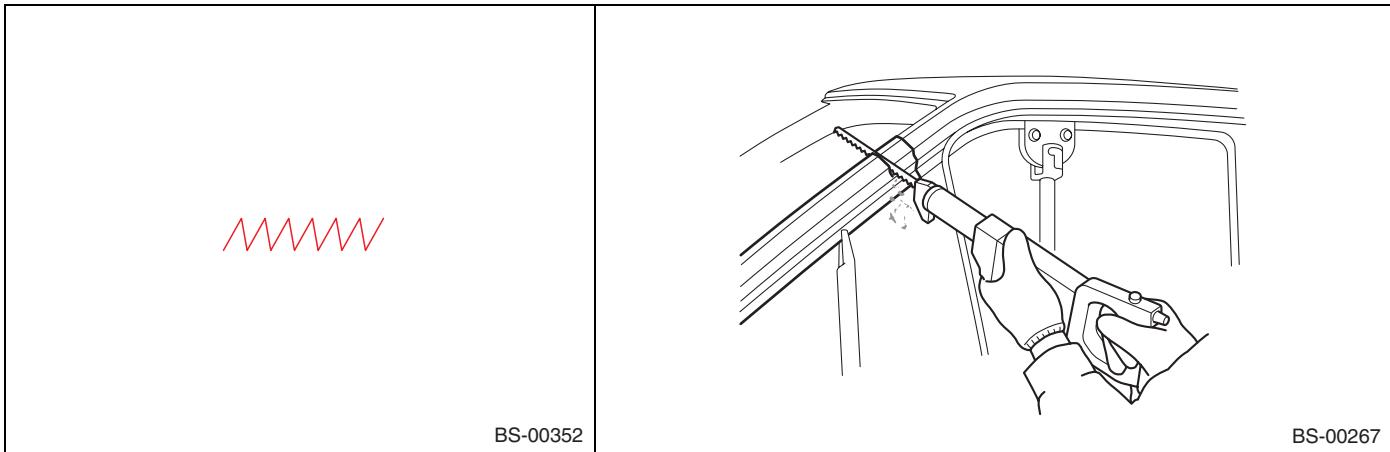
(2) Drilling of holes for plug welding in service parts, matching the holes on the vehicle side



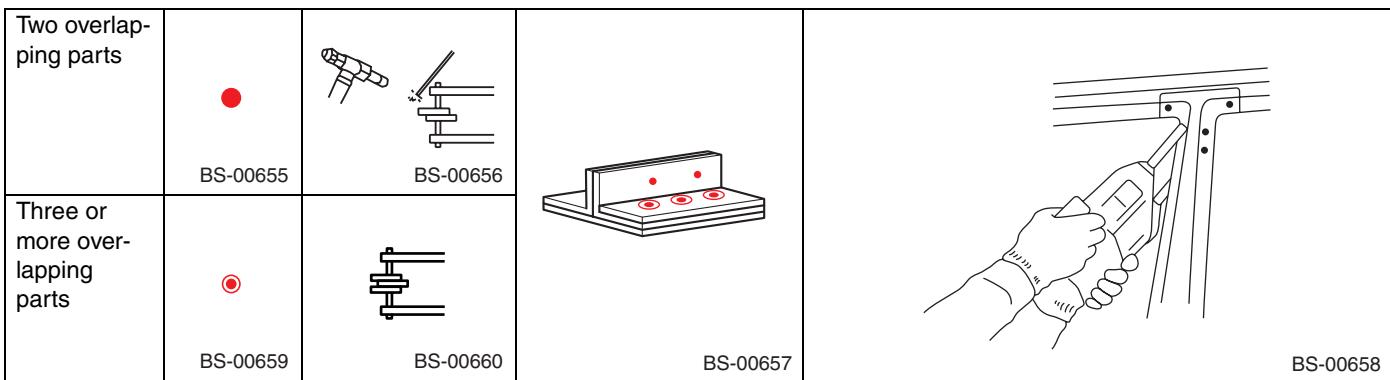
(1) Vehicle side  
(2) Service part

## 5. MEANING OF SYMBOLS

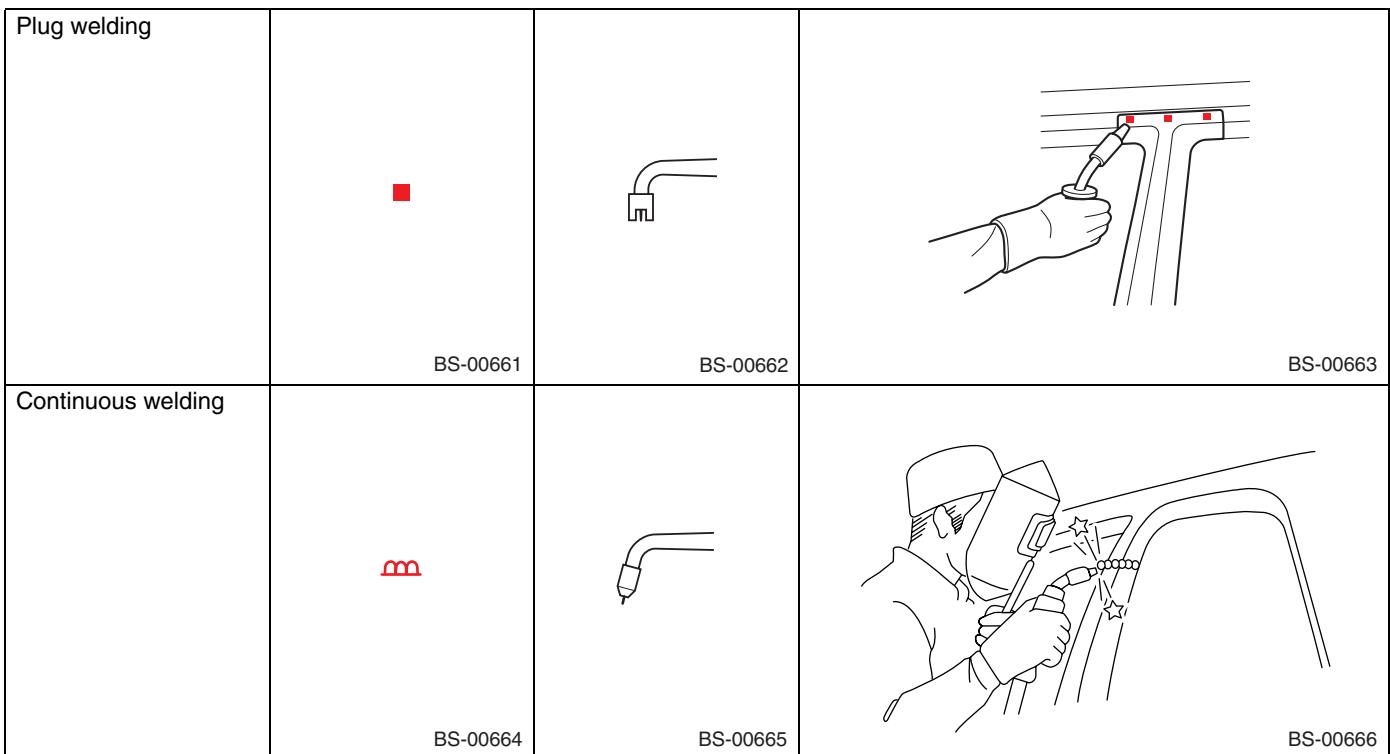
- Cutting



- Spot welding



- Carbon dioxide gas arc welding (MIG welding)

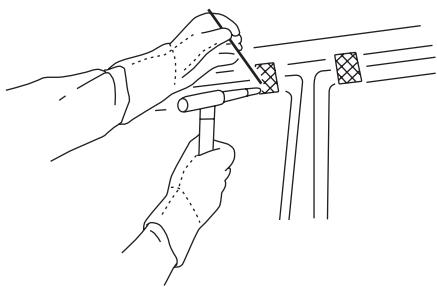


## Foreword

- **Brazing**



BS-00667



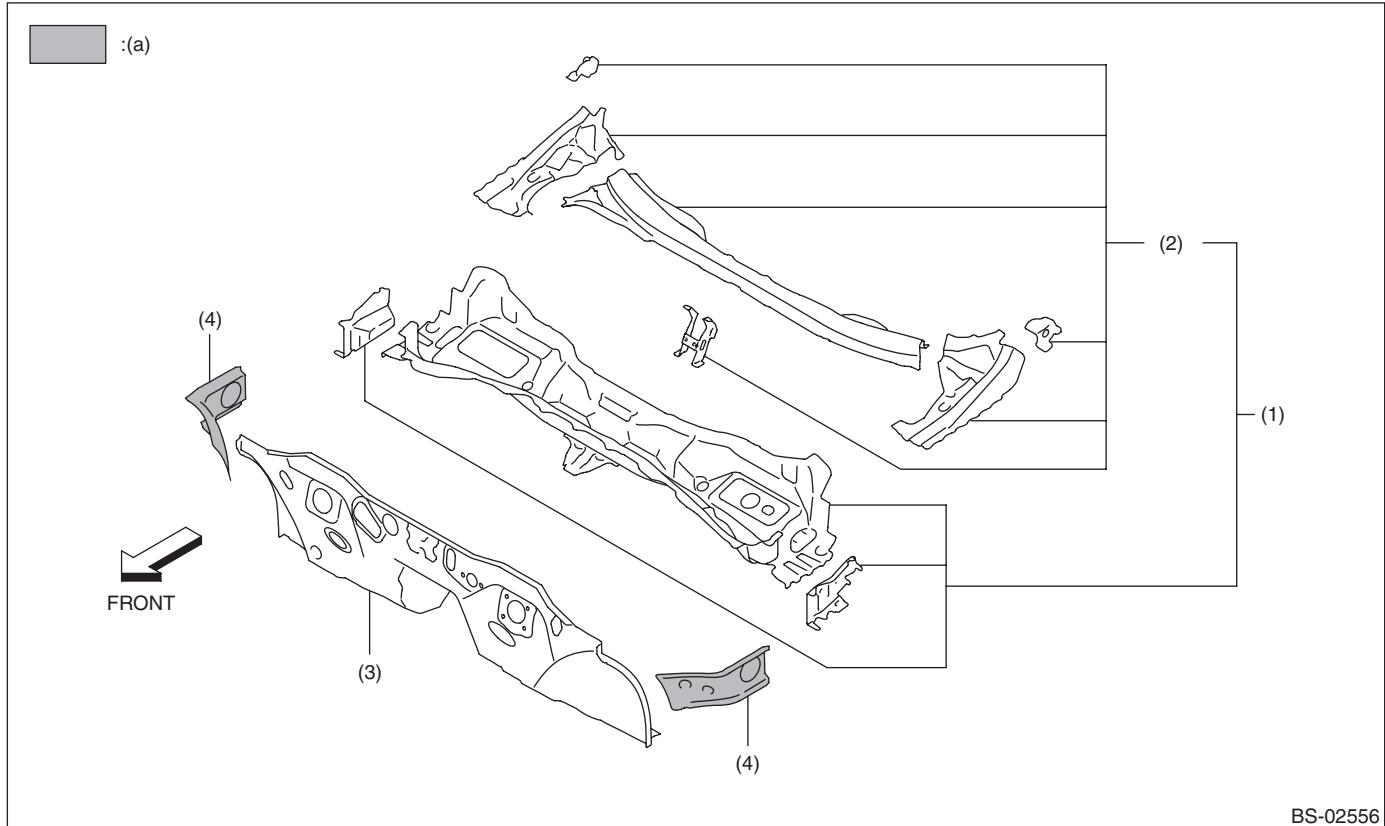
BS-00668

# Panel Components

## 2. Panel Components

### A: COMPONENTS

#### 1. TOE BOARD & FRONT PANEL



BS-02556

(a) High-strength steel

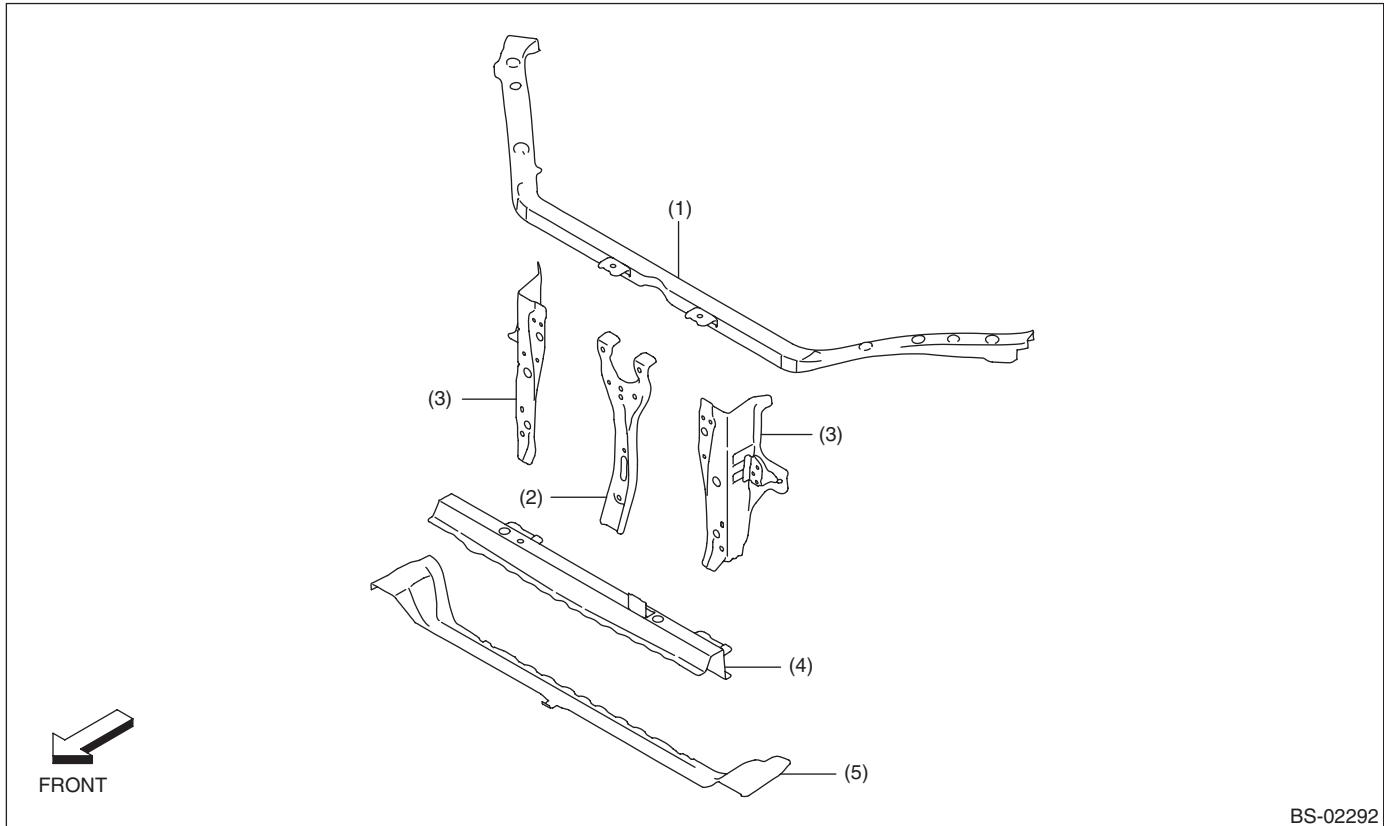
(1) Front panel and Duct  
(2) Front panel

(3) Toe board

(4) Gusset

# Panel Components

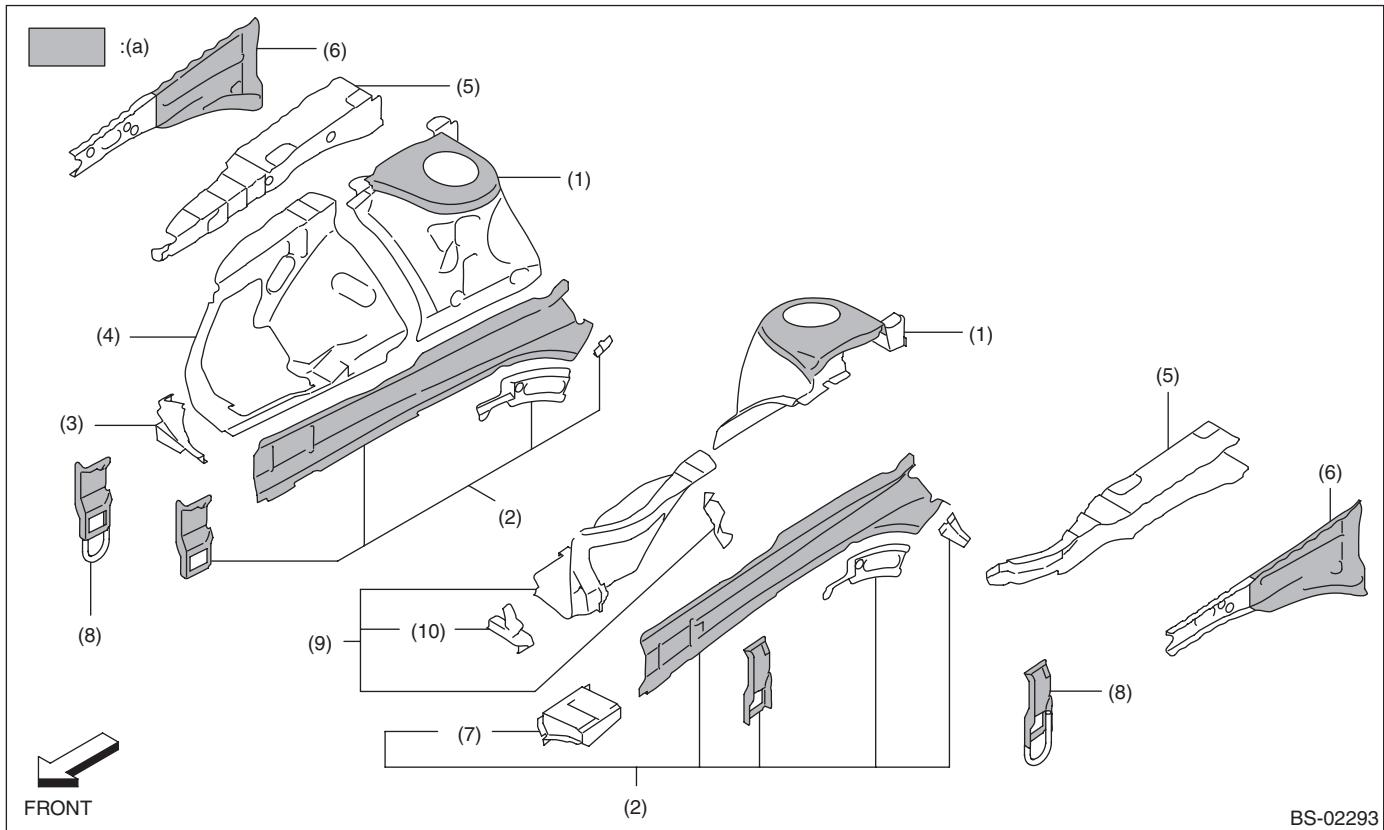
## 2. RADIATOR PANEL



(1) Radiator frame upper	(3) Radiator panel side	(5) Radiator frame lower
(2) Hood lock stay	(4) Radiator panel frame lower	

# Panel Components

## 3. FRONT WHEEL APRON

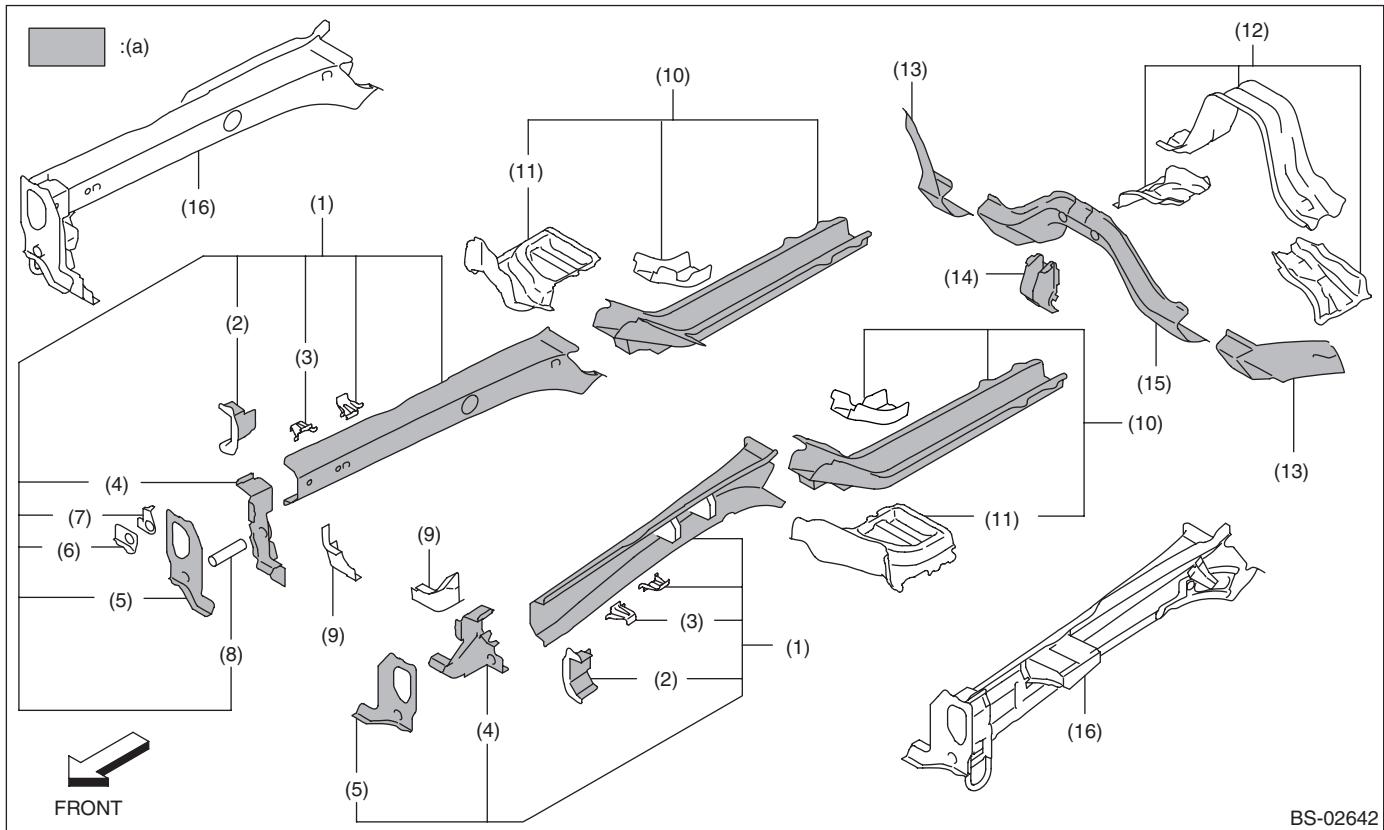


(a) High-strength steel

(1) Front suspension bracket	(5) Front wheel apron upper	(9) Front wheel apron left
(2) Closing plate	(6) Side upper frame	(10) Fender bracket left
(3) Fender bracket right	(7) Battery bracket	
(4) Front wheel apron right	(8) Front tie-down	

# Panel Components

## 4. FRONT SIDE FRAME

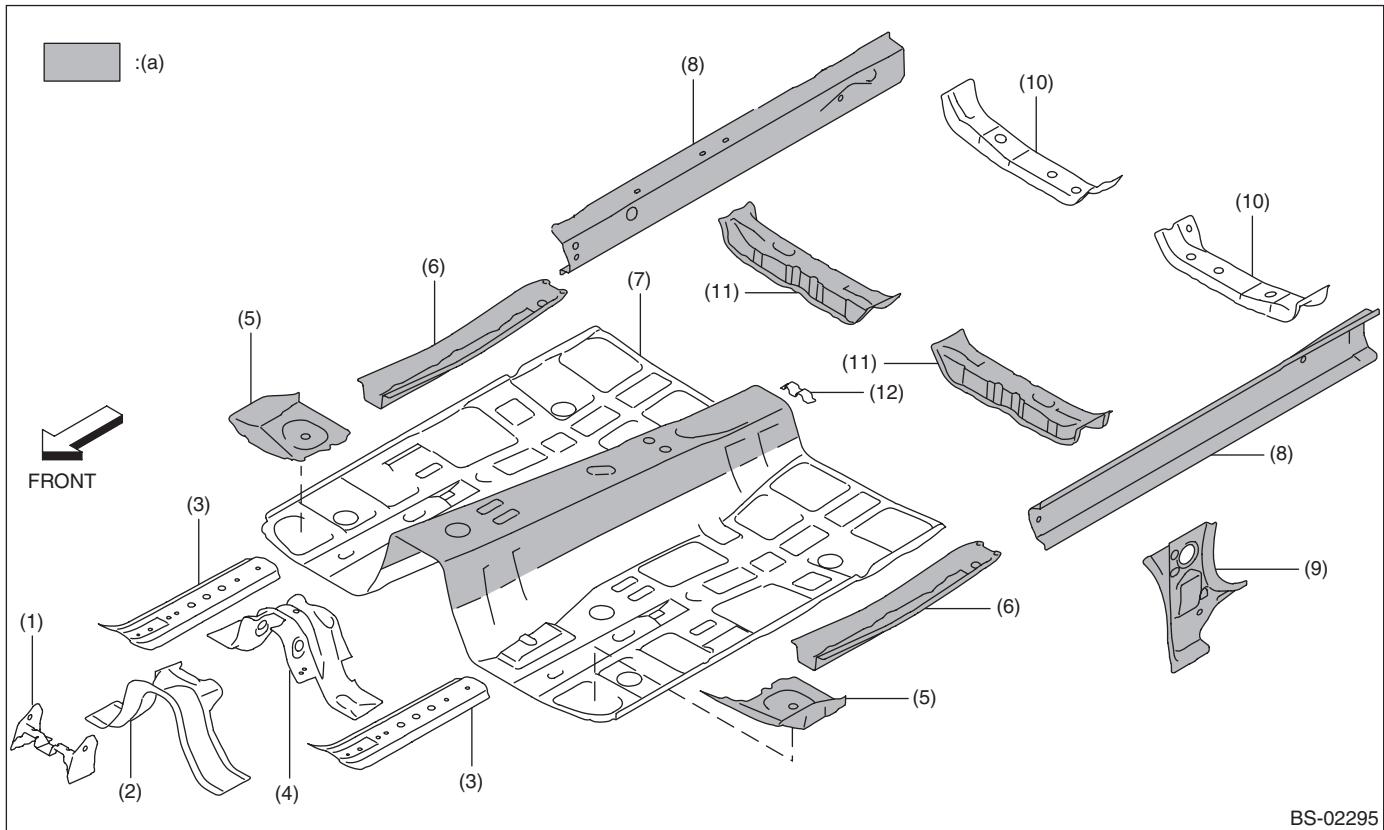


(a) High-strength steel

(1) Front side frame front	(7) Plate B	(13) Toe board crossmember side
(2) Bumper bracket front	(8) Hook Pipe	(14) Pitching stopper bracket
(3) Separator	(9) Front frame gusset C	(15) Toe board crossmember center
(4) Front frame gusset	(10) Front side frame rear	(16) Side frame
(5) Front frame plate front	(11) Toe board reinforcement	
(6) Plate A	(12) Floor crossmember front	

# Panel Components

## 5. FRONT FLOOR PANEL



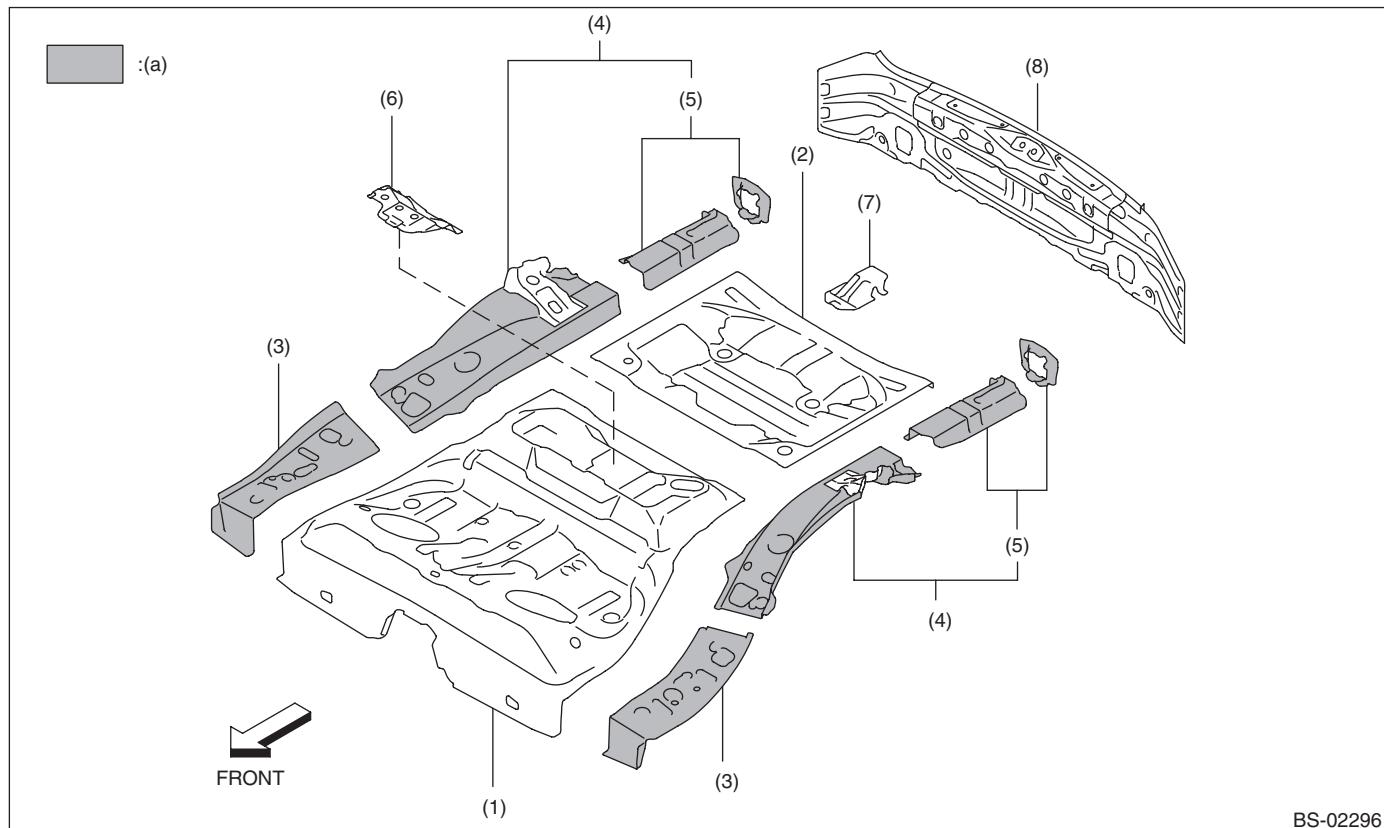
(a) High-strength steel

(1) Instrument panel bracket	(5) Toe board reinforcement upper	(9) Front pillar inner lower
(2) Floor crossmember center	(6) Front floor frame rear	(10) Front seat crossmember rear
(3) Front floor frame front	(7) Front floor pan	(11) Front seat crossmember front
(4) Floor crossmember rear	(8) Side sill inner	(12) Hand brake reinforcement

## Panel Components

### 6. REAR FLOOR PANEL & REAR SKIRT

- 5 door



BS-02296

(a) High-strength steel

(1) Rear floor pan front

(2) Rear floor pan rear

(3) Side frame upper front

(4) Side frame upper rear

(5) Side frame upper rear rear

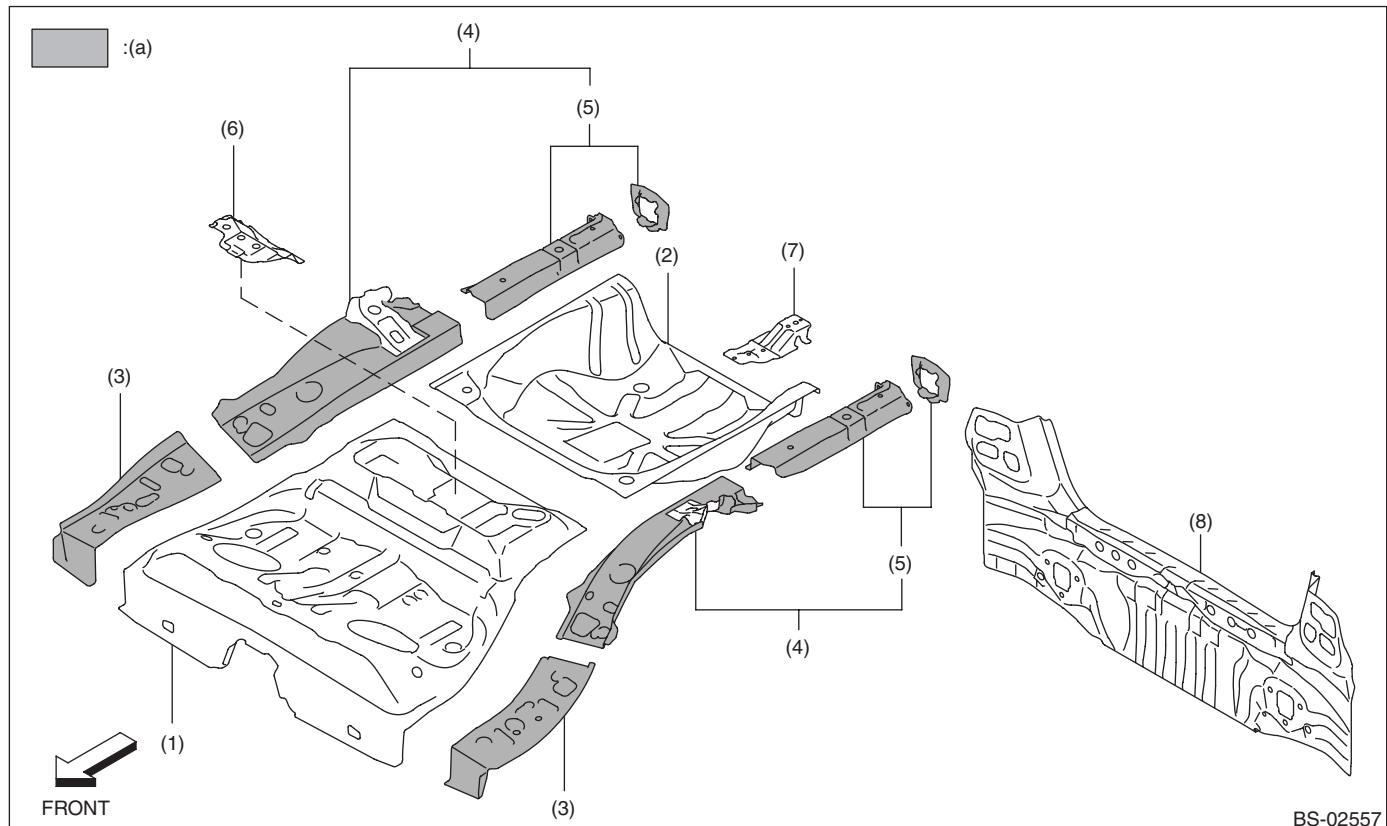
(6) Spare tire reinforcement

(7) Spare tire bracket

(8) Rear skirt

# Panel Components

- 4 door



(a) High-strength steel

(1) Rear floor pan front  
(2) Rear floor pan rear  
(3) Side frame upper front

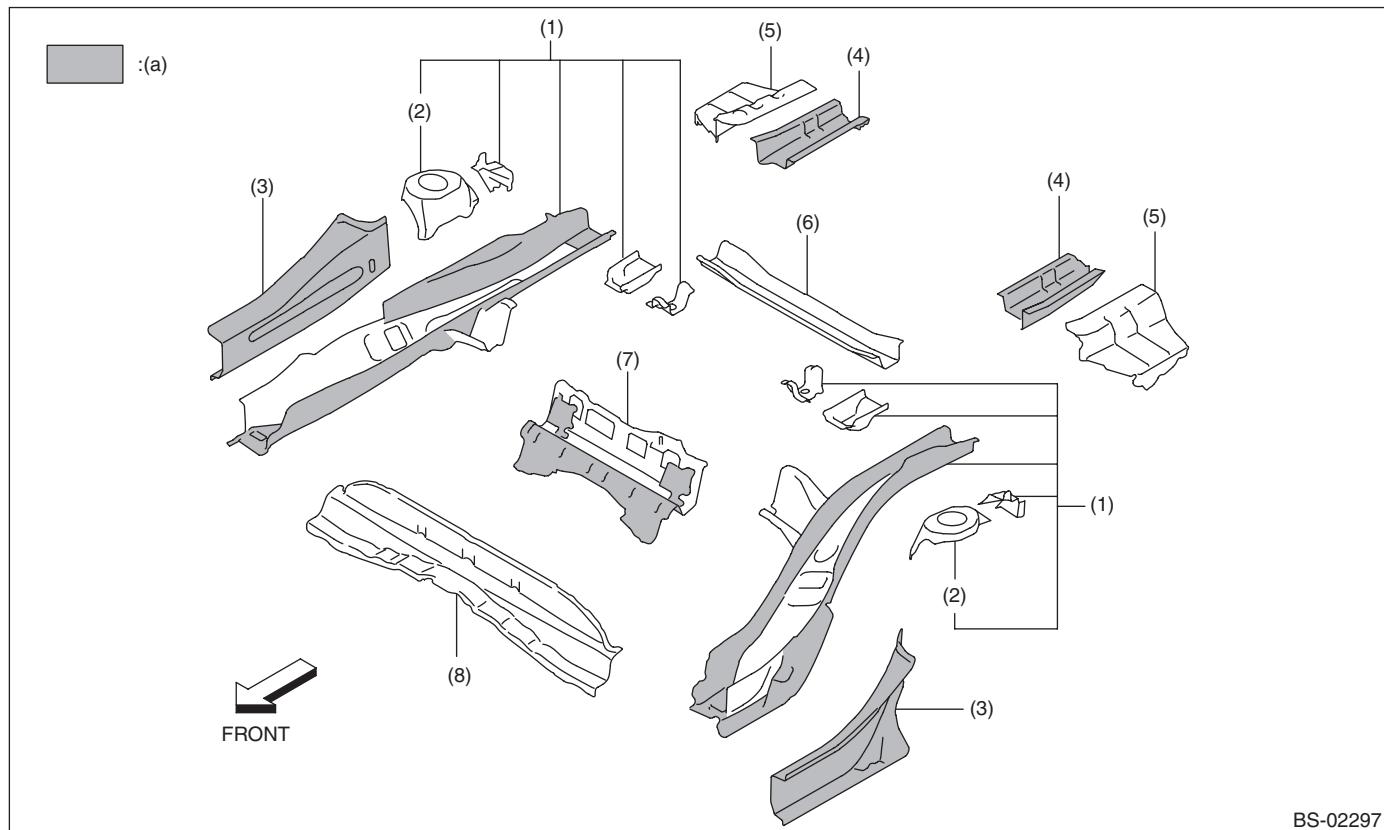
(4) Side frame upper rear  
(5) Side frame upper rear rear  
(6) Spare tire reinforcement

(7) Spare tire bracket  
(8) Rear skirt

# Panel Components

## 7. REAR FLOOR SIDE FRAME

### • 5 door



BS-02297

(a) High-strength steel

(1) Floor side frame front

(2) Rear suspension bracket

(3) Side sill inner rear

(4) Floor side frame rear

(5) Floor side rear

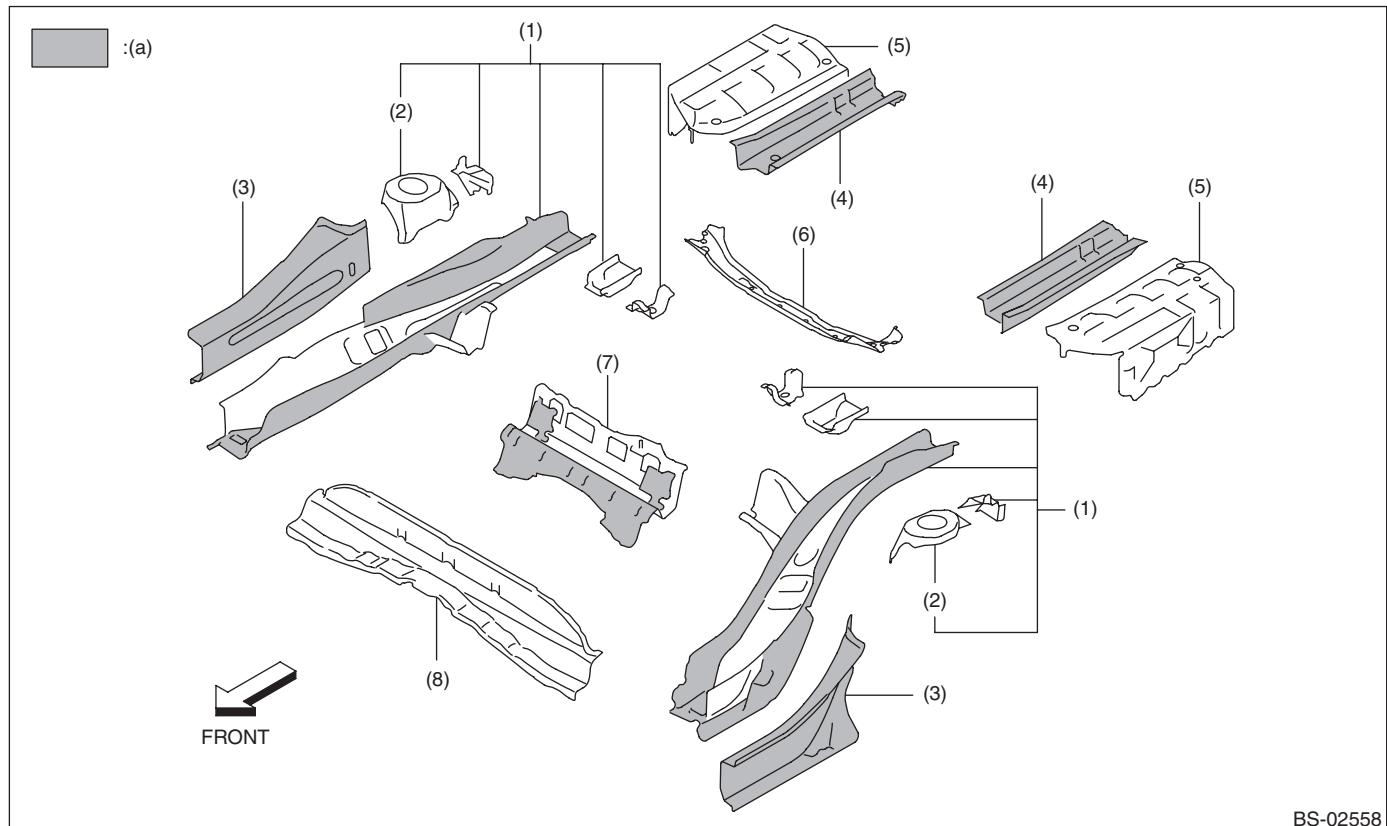
(6) Rear floor crossmember C

(7) Rear floor crossmember B

(8) Rear floor crossmember A

# Panel Components

- 4 door



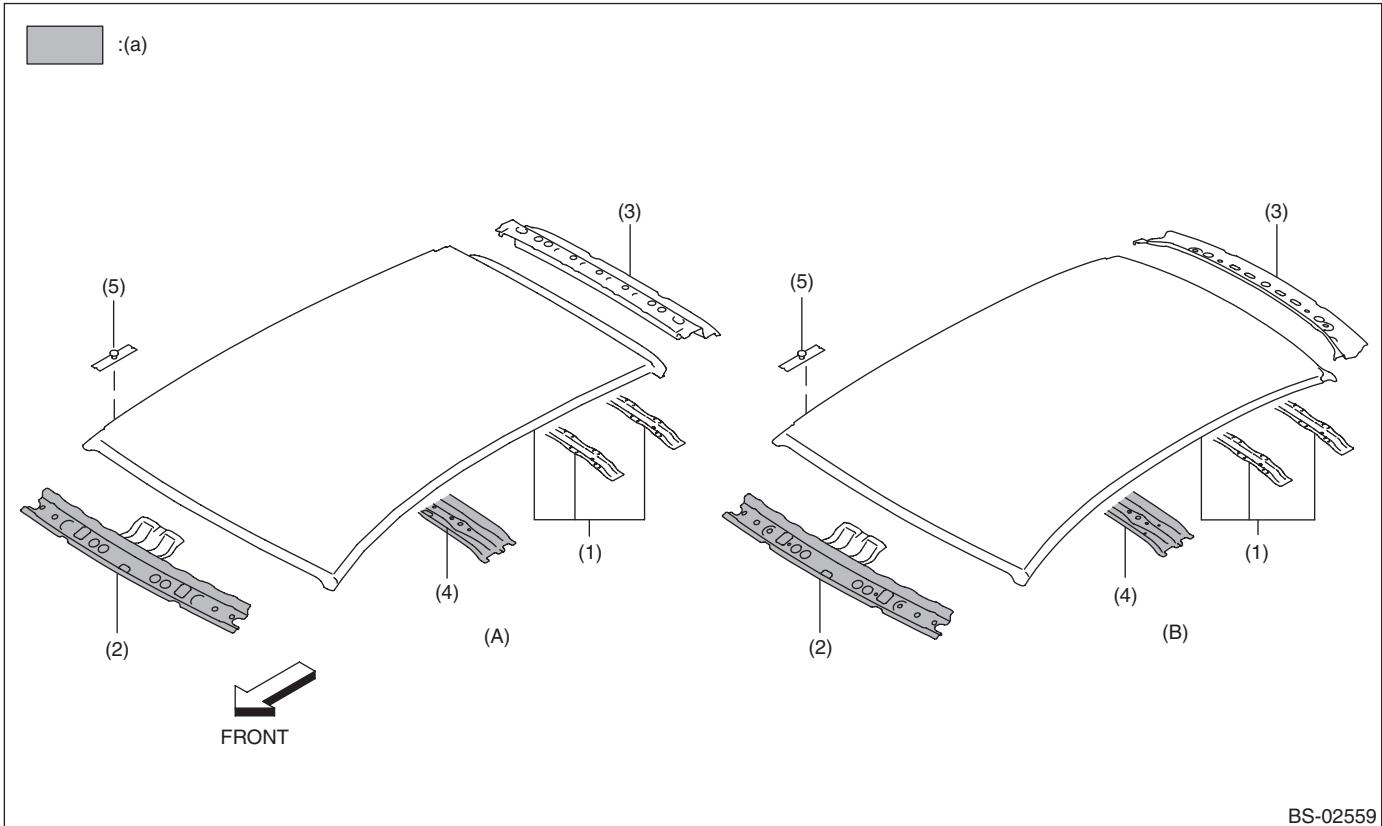
(a) High-strength steel

(1) Floor side frame front	(4) Floor side frame rear	(7) Rear floor crossmember B
(2) Rear suspension bracket	(5) Floor side rear	(8) Rear floor crossmember A
(3) Side sill inner rear	(6) Rear floor crossmember C	

# Panel Components

## 8. ROOF

- Model without sunroof



(a) High-strength steel

(A) 5 door

(B) 4 door

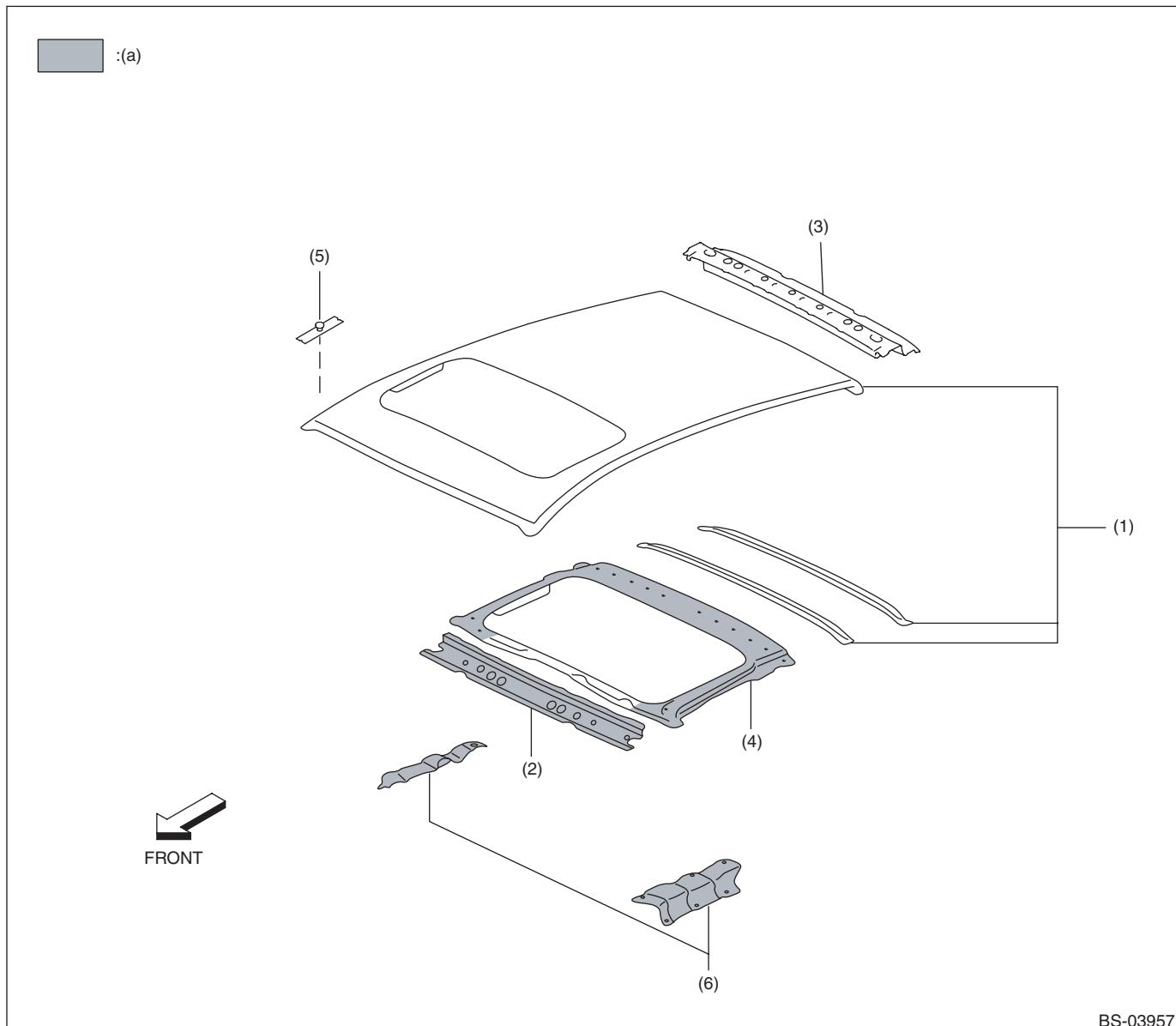
(1) Roof panel  
(2) Front roof rail

(3) Rear roof rail  
(4) Roof center brace

(5) T stud plate

## Panel Components

- 5 door sunroof model



(a) High-strength steel

(1) Roof panel  
(2) Front roof rail

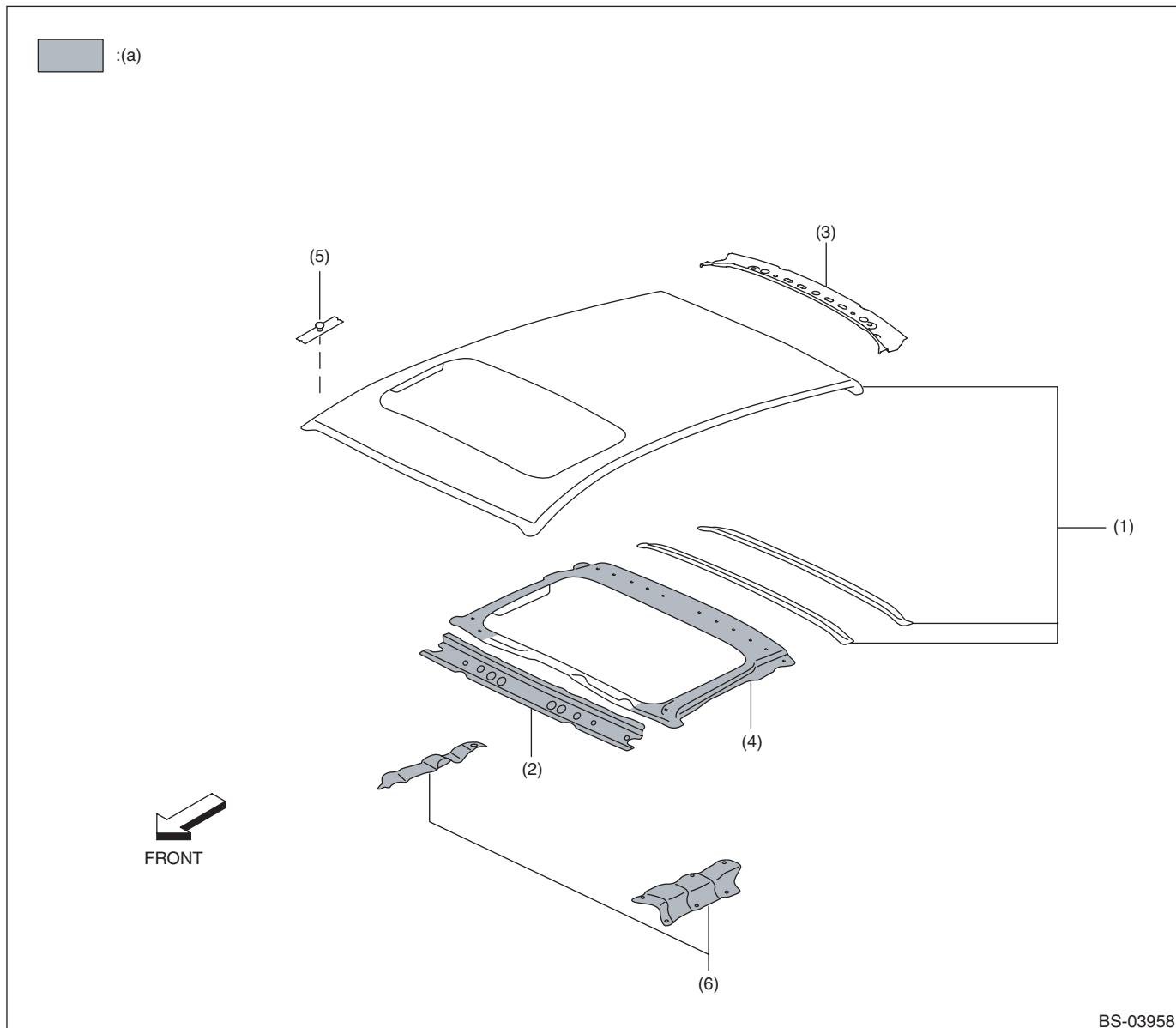
(3) Rear roof rail  
(4) Sunroof frame

(5) T-stud plate  
(6) Sunroof bracket brace

BS-03957

## Panel Components

- 4 door sunroof model



(a) High-strength steel

(1) Roof panel  
(2) Front roof rail

(3) Rear roof rail  
(4) Sunroof frame

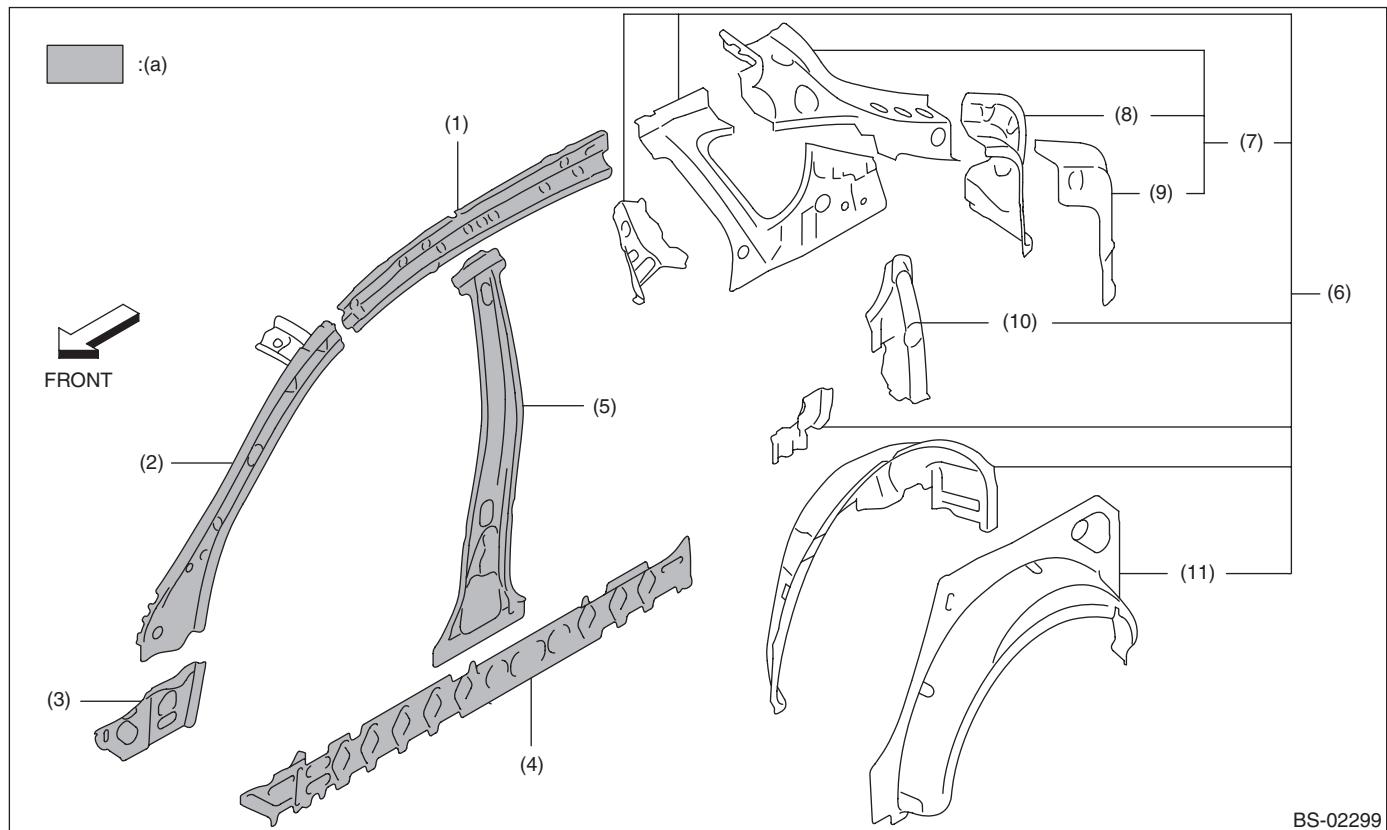
(5) T-stud plate  
(6) Sunroof bracket brace

BS-03958

# Panel Components

## 9. SIDE PANEL INNER

### • 5 door

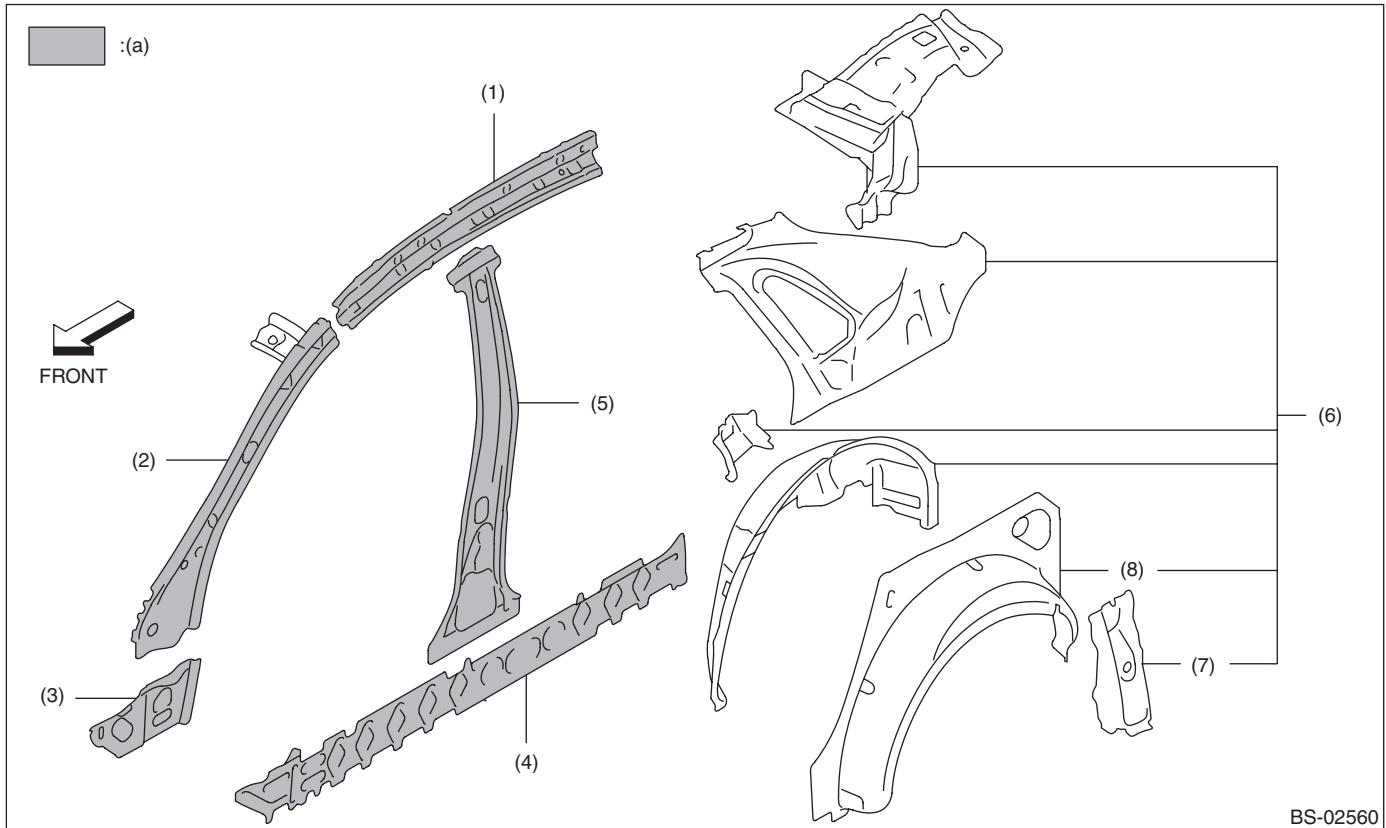


(a) High-strength steel

(1) Side rail inner	(5) Center pillar inner	(9) D-pillar reinforcement
(2) Front pillar inner upper	(6) Rear quarter inner	(10) Rear quarter reinforcement center
(3) Front pillar inner center	(7) D-pillar reinforcement ASSY	(11) Rear arch inner
(4) Side sill reinforcement inner	(8) D-pillar inner	

# Panel Components

- 4 door



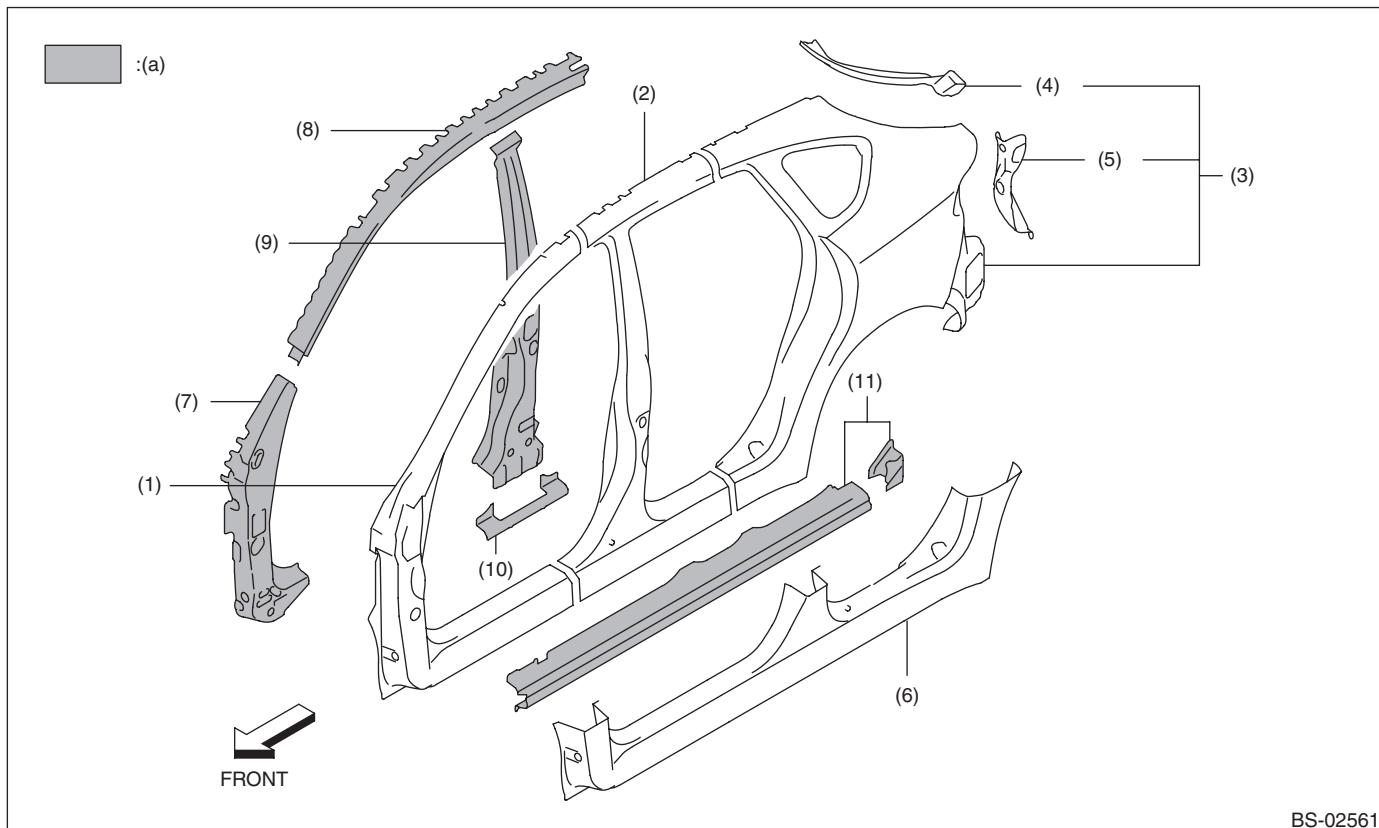
(a) High-strength steel

(1) Side rail inner	(4) Side sill reinforcement inner	(7) Rear quarter reinforcement inner
(2) Front pillar inner upper	(5) Center pillar inner	(8) Rear arch inner
(3) Front pillar inner center	(6) Rear quarter inner	

# Panel Components

## 10. SIDE PANEL OUTER

### • 5 door

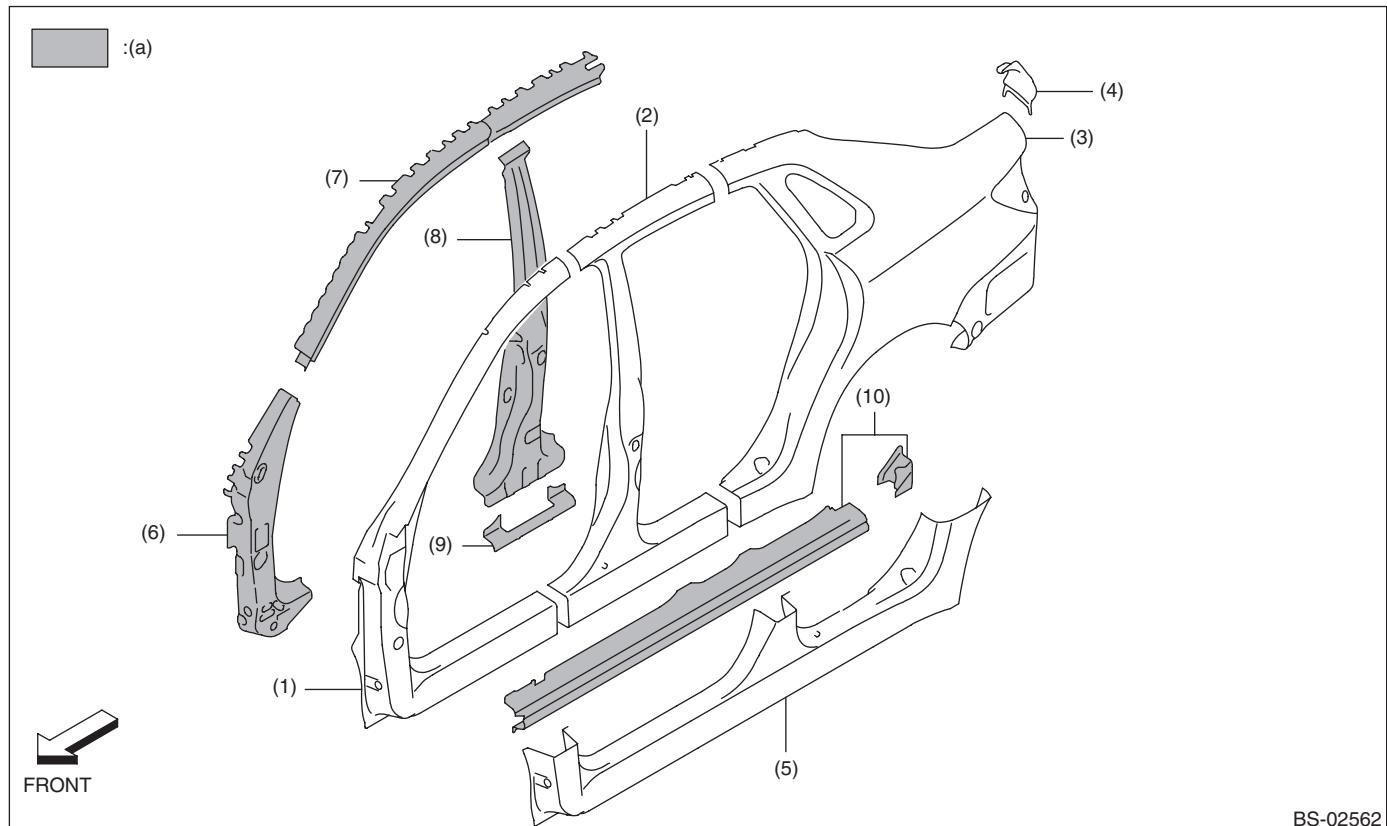


(a) High-strength steel

(1) Front pillar outer	(5) Rear quarter end	(9) Center pillar reinforcement
(2) Center pillar outer	(6) Side sill outer	(10) Patch side sill outer
(3) Rear quarter outer	(7) Front pillar reinforcement lower	(11) Side sill reinforcement outer
(4) D-pillar extension	(8) Side rail reinforcement	

# Panel Components

- 4 door

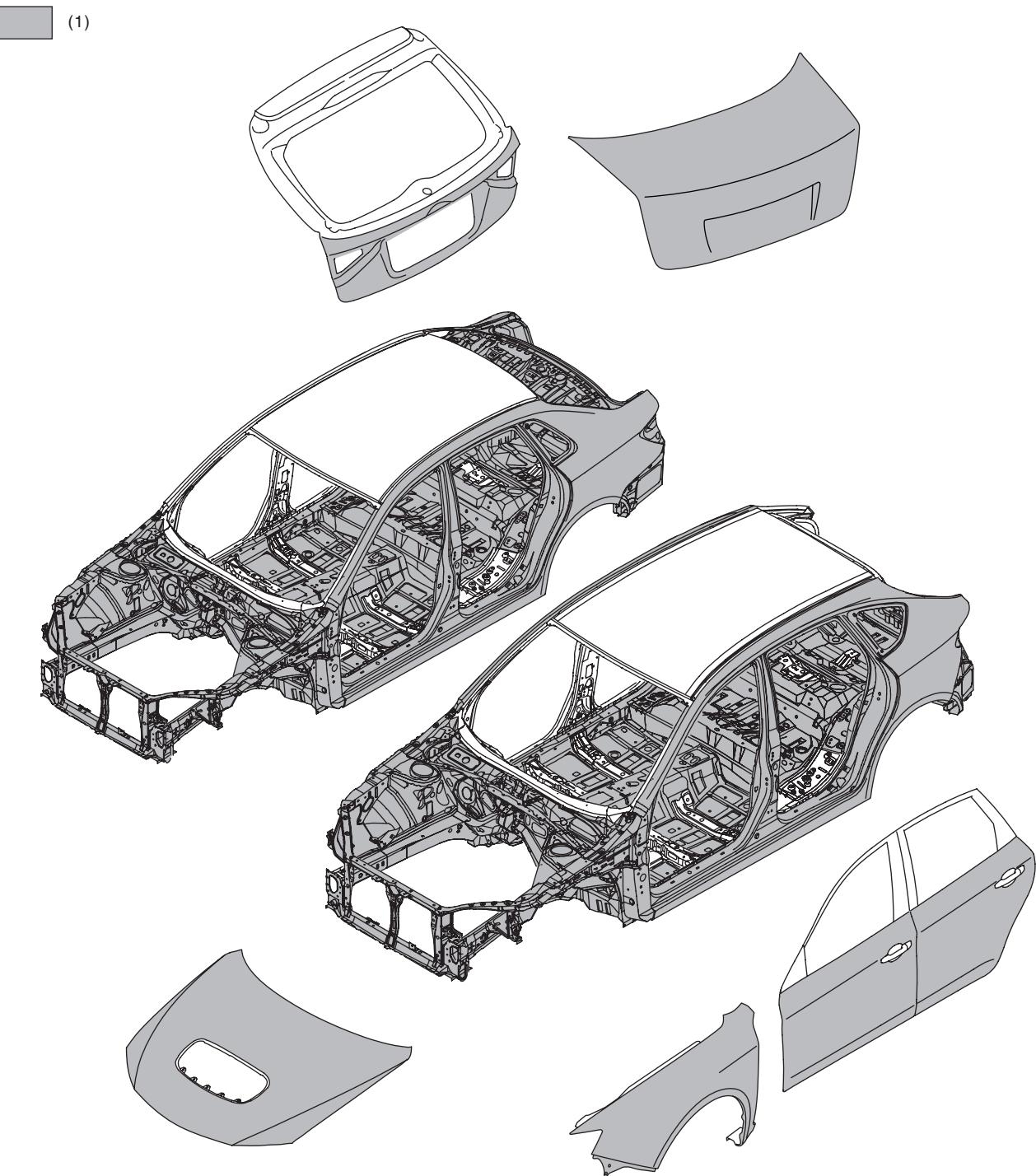


(a) High-strength steel

(1) Front pillar outer	(5) Side sill outer	(9) Patch side sill outer
(2) Center pillar outer	(6) Front pillar reinforcement lower	(10) Side sill reinforcement outer
(3) Rear quarter outer	(7) Side rail reinforcement	
(4) Rear quarter end	(8) Center pillar reinforcement	

## 3. Galvanized Sheet Metal

### A: SPECIFICATION



BS-02657

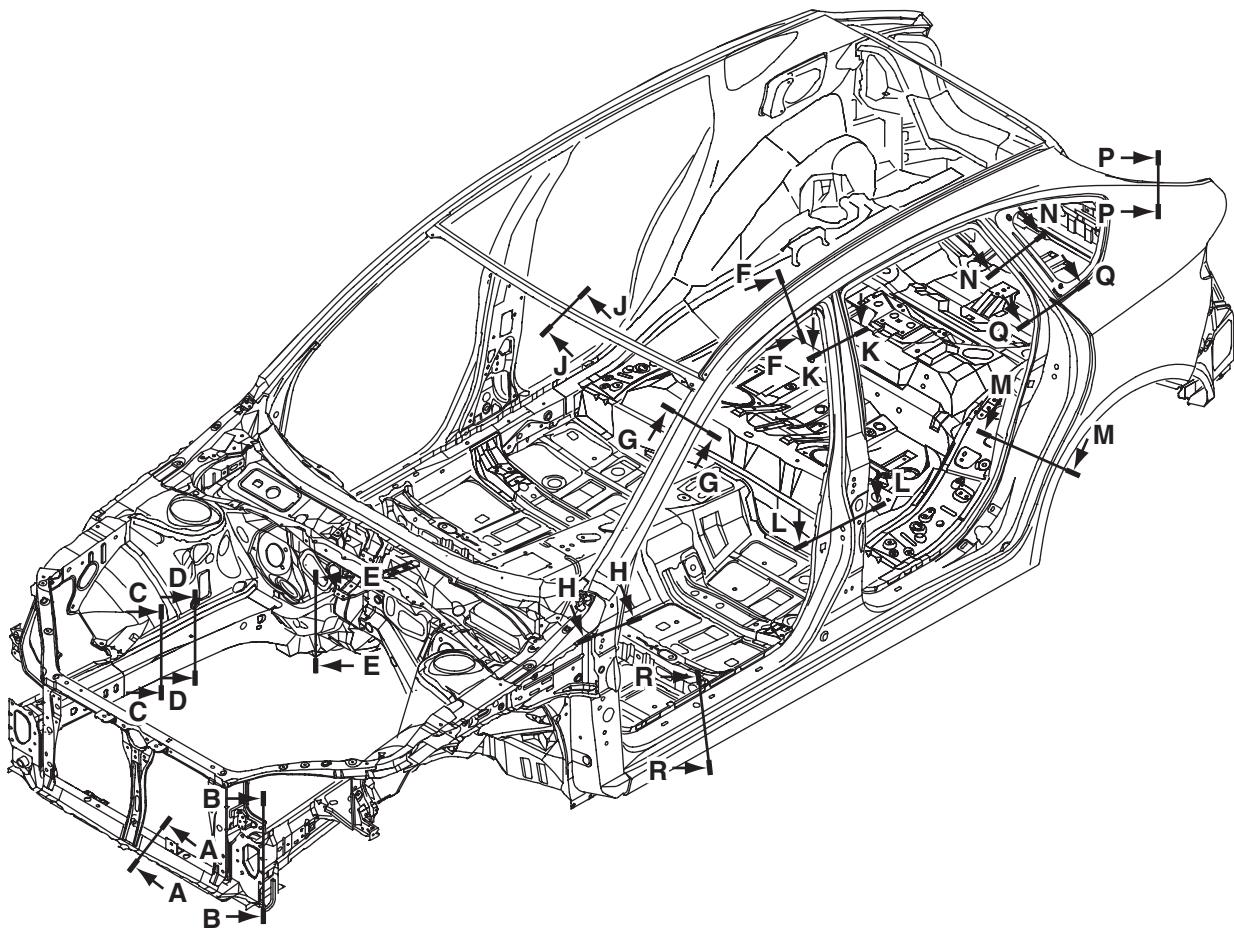
(1) Galvanized sheet metal (both sides)

The fuel flap consists of galvanized sheet metal.

## 4. Body Construction

### A: SPECIFICATION

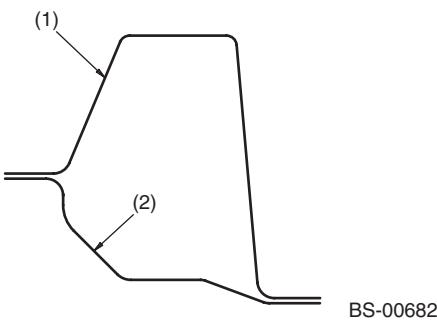
- Common parts for 5 door and 4 door



BS-02332

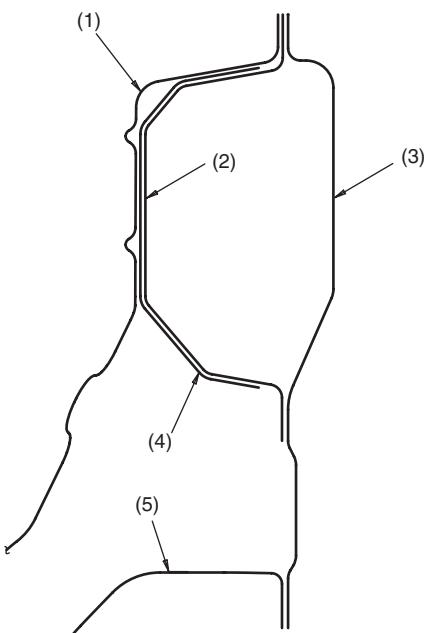
# Body Construction

**Cross section A — A**



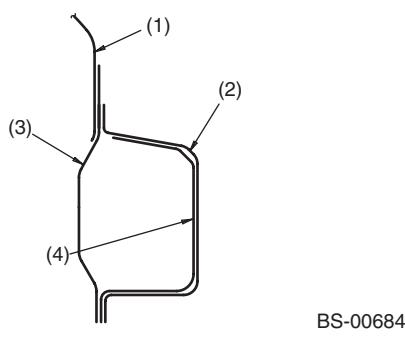
(1) Radiator lower frame A  
(2) Radiator lower frame B

**Cross section B — B**



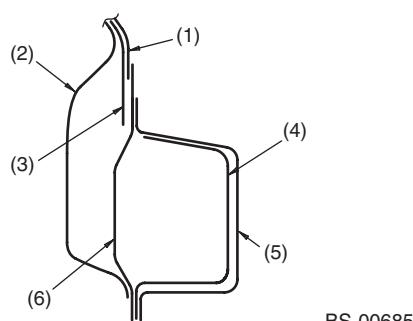
(1) Front gusset front A  
(2) Front side frame front  
(3) Hook reinforcement  
(4) Bumper bracket  
(5) Radiator lower frame B

**Cross section C — C**



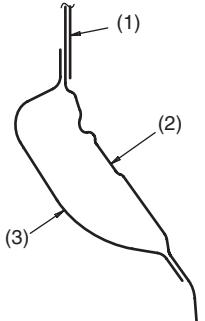
(1) Front wheel apron  
(2) Front side frame front  
(3) Closing plate  
(4) Frame inner reinforcement A

**Cross section D — D**



(1) Front wheel apron  
(2) Front suspension lower reinforcement  
(3) Front suspension lower bracket  
(4) Frame inner reinforcement A  
(5) Front side frame front  
(6) Closing plate

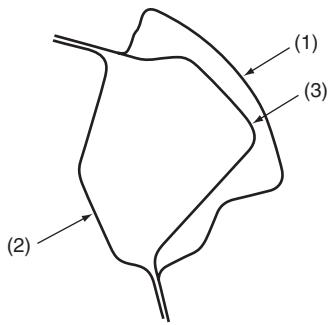
**Cross section E — E**



(1) Cover toe board  
(2) Toe board  
(3) Toe board center crossmember

# Body Construction

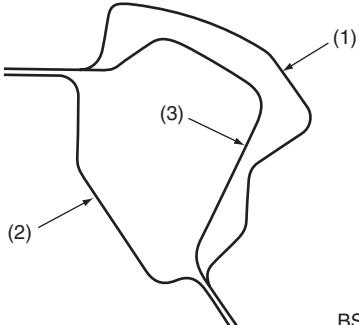
**Cross section F — F**



BS-02321

- (1) Outer panel side
- (2) Side rail inner
- (3) Side rail reinforcement front

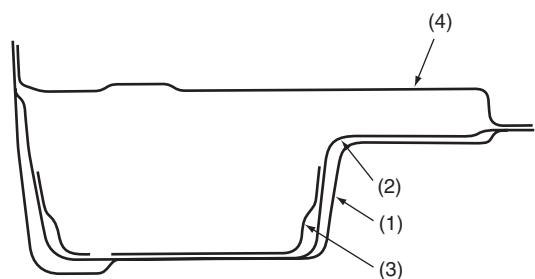
**Cross section G — G**



BS-02322

- (1) Outer panel side
- (2) Front pillar inner upper
- (3) Side rail reinforcement front

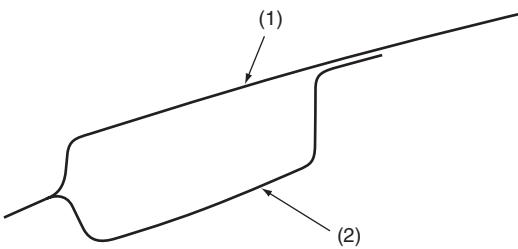
**Cross section H — H**



BS-02323

- (1) Outer panel side
- (2) Front pillar reinforcement
- (3) Front pillar hinge reinforcement
- (4) Front pillar inner upper

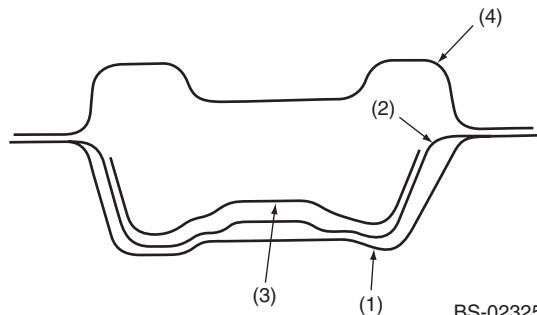
**Cross section J — J**



BS-02324

- (1) Roof panel
- (2) Front rail

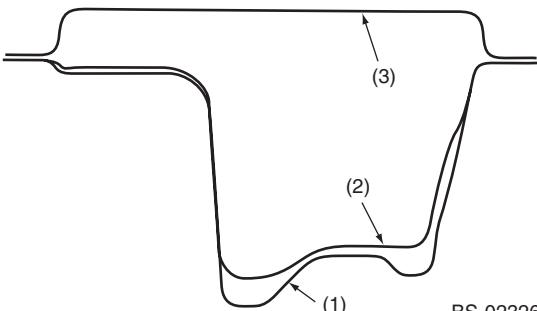
**Cross section K — K**



BS-02325

- (1) Outer panel side
- (2) Center pillar reinforcement
- (3) Center pillar reinforcement A
- (4) Center pillar inner

**Cross section L — L**

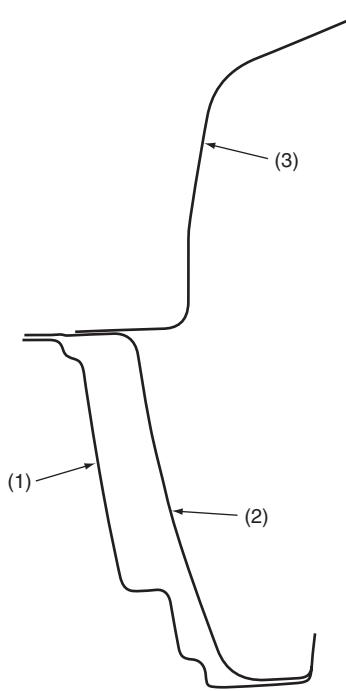


BS-02326

- (1) Outer panel side
- (2) Center pillar reinforcement
- (3) Center pillar inner

# Body Construction

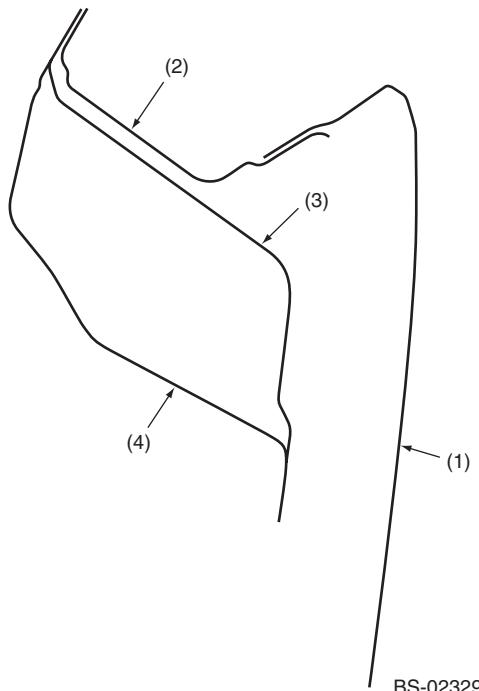
**Cross section M — M**



BS-02327

- (1) Outer panel side
- (2) Rear arch inner
- (3) Rear wheel apron

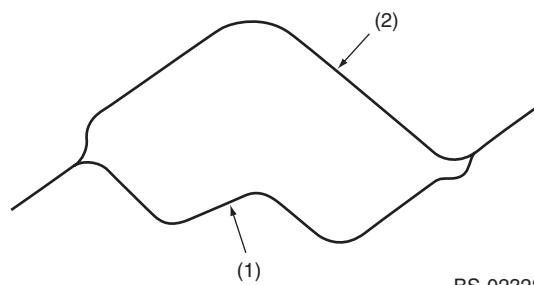
**Cross section P — P**



BS-02329

- (1) Outer panel side
- (2) Extension D-pillar
- (3) D-pillar reinforcement
- (4) D-pillar inner

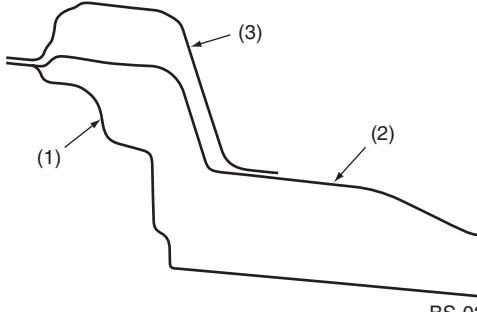
**Cross section N — N**



BS-02328

- (1) Outer panel side
- (2) Rear quarter panel inner

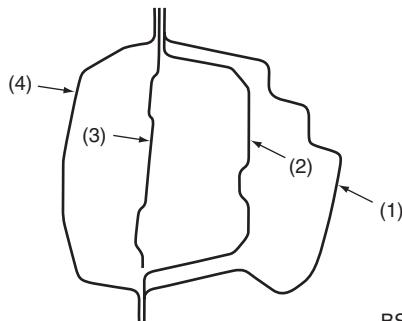
**Cross section Q — Q**



BS-02330

- (1) Outer panel side
- (2) Rear quarter panel inner
- (3) C-pillar reinforcement

**Cross section R — R**



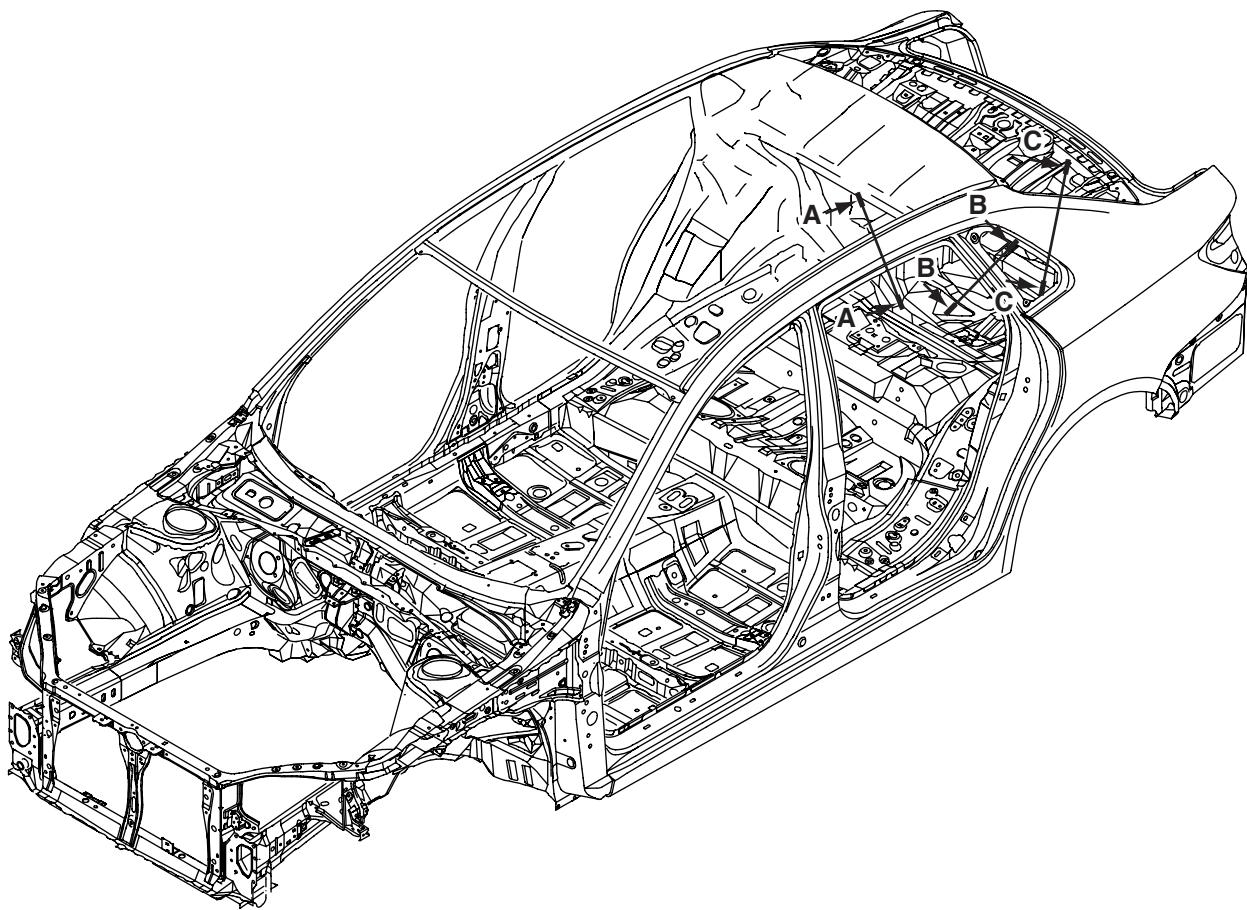
BS-02331

- (1) Outer panel side
- (2) Side sill outer reinforcement
- (3) Side sill reinforcement
- (4) Side sill inner front

**SUBARU.**

## Body Construction

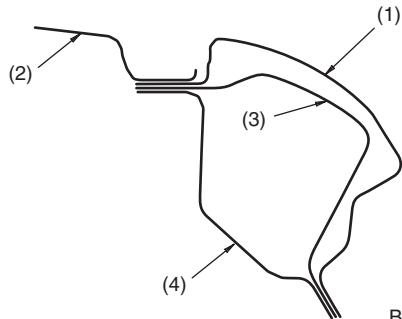
- Special 4 door parts



BS-02510

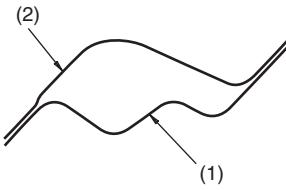
# Body Construction

**Cross section A — A**



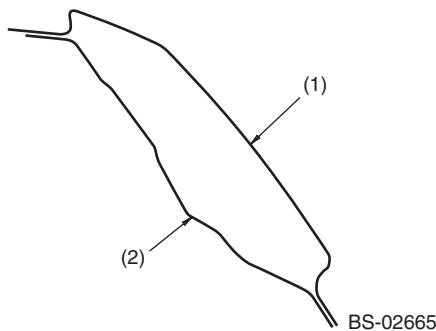
- (1) Outer panel side
- (2) Roof panel
- (3) Side rail reinforcement rear
- (4) Side rail inner

**Cross section B — B**



- (1) Outer panel side
- (2) Rear pillar inner

**Cross section C — C**



- (1) Outer panel side
- (2) Rear pillar inner

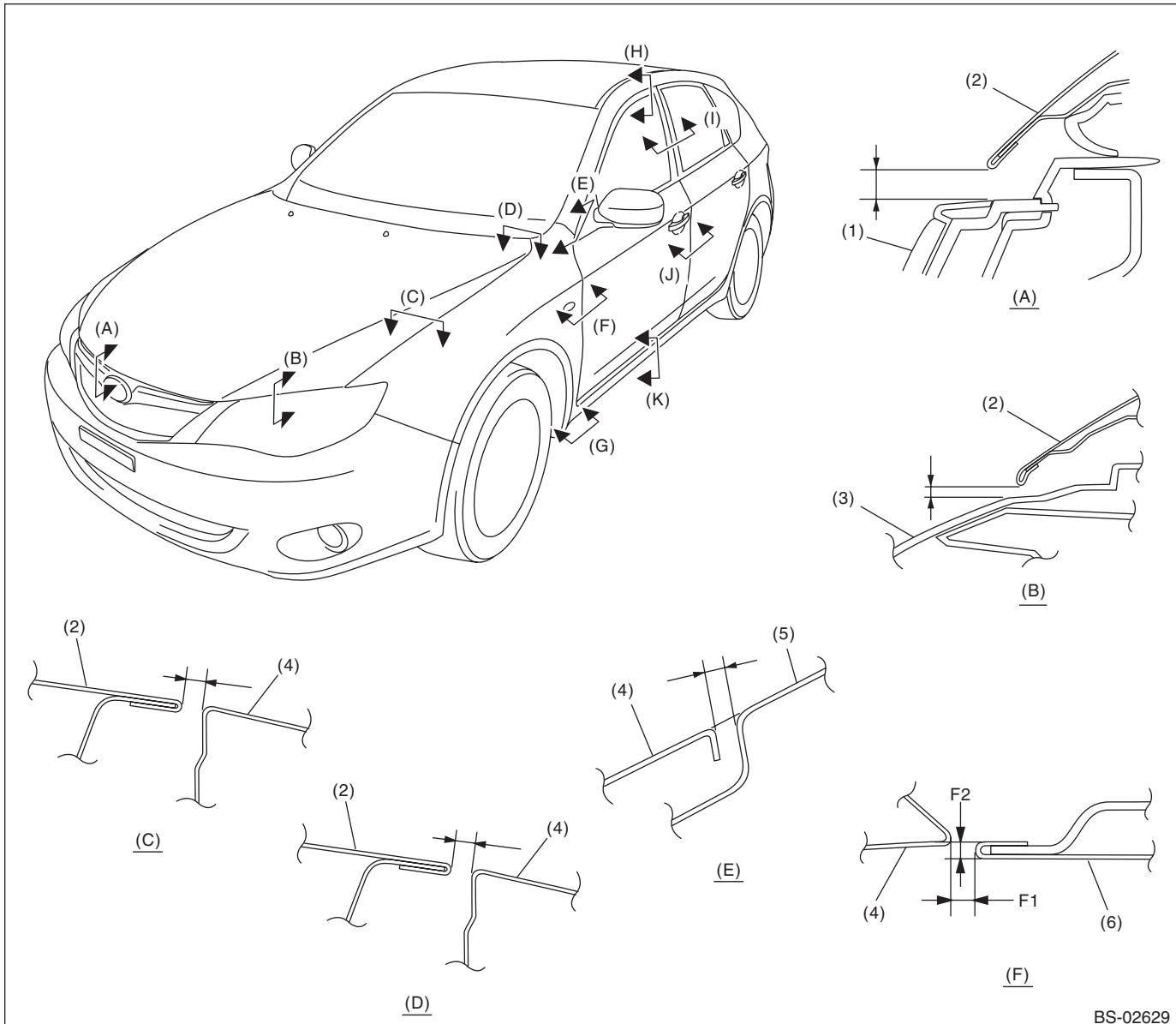
**SUBARU.**

## Gauge Values for Fitting

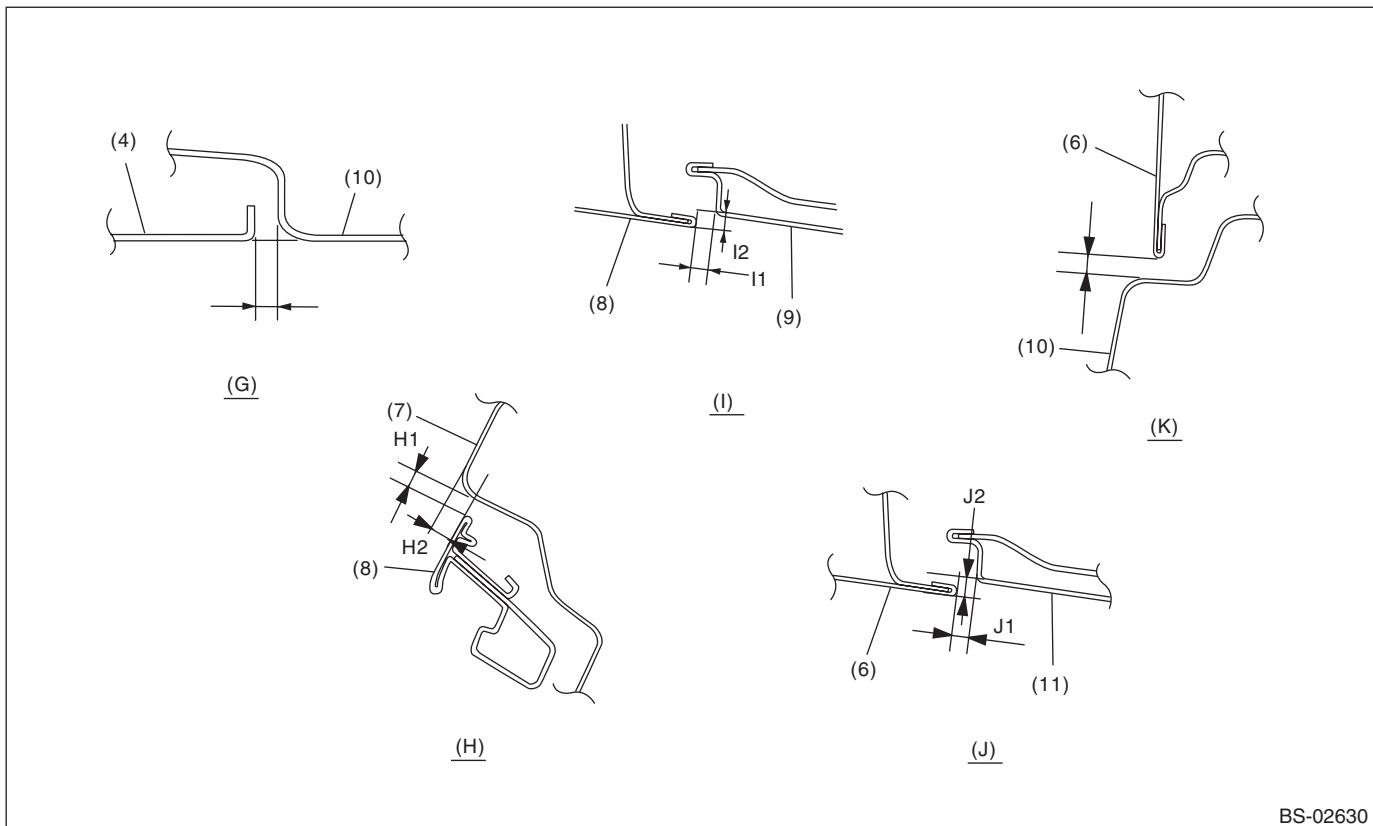
### 5. Gauge Values for Fitting

#### A: DIMENSIONS

##### 1. FRONT



# Gauge Values for Fitting



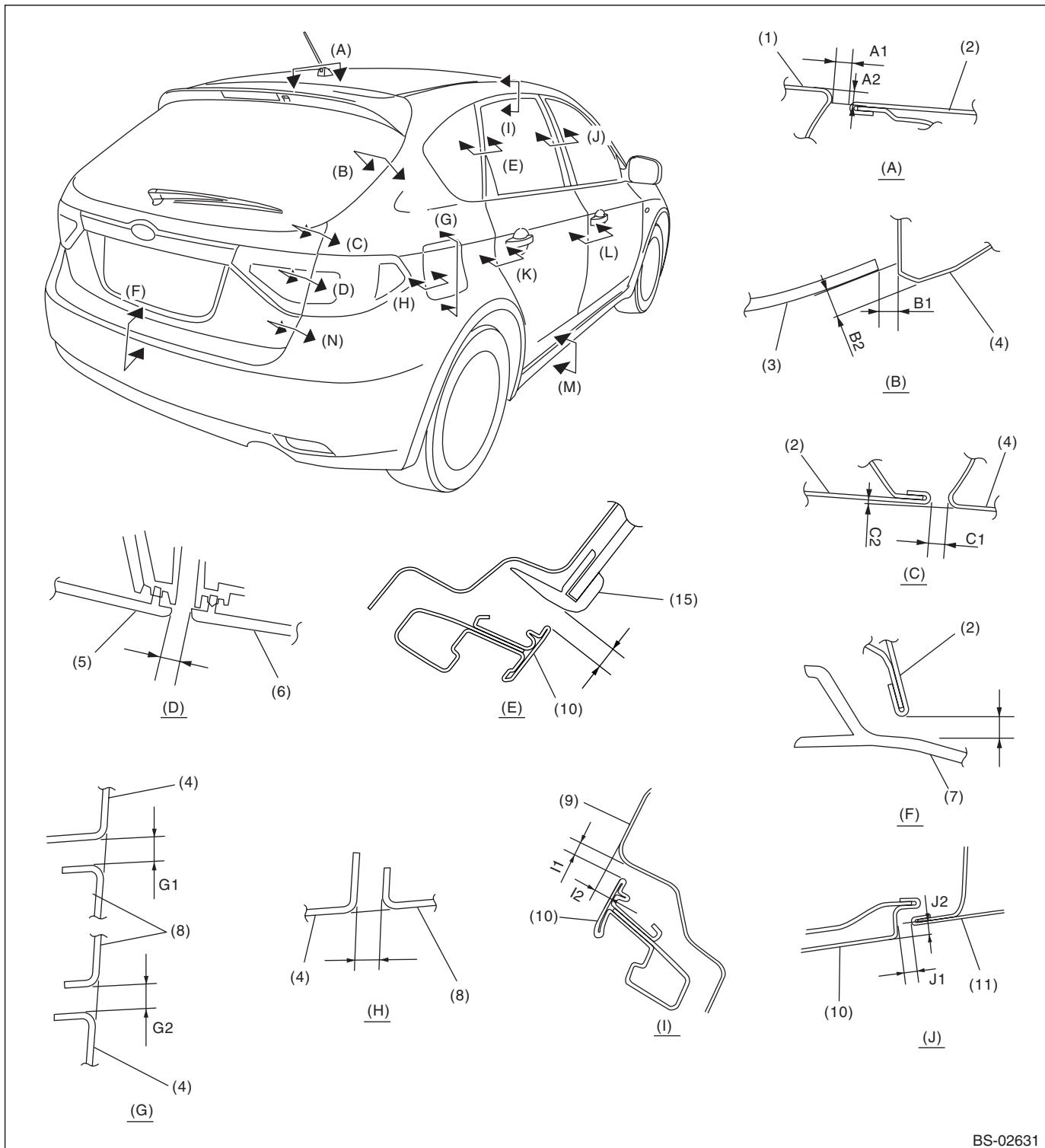
BS-02630

(1) Front grille	(5) Front pillar panel	(9) Rear door sash
(2) Front hood panel	(6) Front door panel	(10) Side sill panel
(3) Headlight	(7) Roof panel	(11) Rear door panel
(4) Front fender panel	(8) Front door sash	

Section	Part	Specification
(A)	Between front hood panel to front grille	$6.0 \pm 1.0$ mm ( $0.23 \pm 0.04$ in)
(B)	Between front hood panel to headlight	$6.0 \pm 1.0$ mm ( $0.24 \pm 0.04$ in)
(C)	Between front hood panel to front fender panel	$3.5 \pm 1.0$ mm ( $0.14 \pm 0.04$ in)
(D)	Between front hood panel to front fender panel (only the rear end part)	$4.8 +0.7 -1.0$ mm ( $0.14 +0.03 -0.04$ in)
(E)	Between front fender panel to front pillar panel	$3.0 \pm 1.0$ mm ( $0.12 \pm 0.04$ in)
(F)	Between front fender panel to front door panel	F1: $4.0 \pm 1.0$ mm ( $0.16 \pm 0.04$ in) F2: $0 +0.5 -1.0$ mm ( $0 +0.02 -0.04$ in) (in regard to the fender)
(G)	Between front fender panel to side sill panel	$3.0 \pm 1.0$ mm ( $0.12 \pm 0.04$ in)
(H)	Between roof panel to front door sash	H1: $5.0 \pm 1.0$ mm ( $0.20 \pm 0.04$ in) H2: $3.8 \pm 1.0$ mm ( $0.15 \pm 0.04$ in)
(I)	Between front door sash to rear door sash	I1: $5.5 \pm 1.0$ mm ( $0.22 \pm 0.04$ in) I2: $0 +1.0 -0.5$ mm ( $0 +0.04 -0.02$ in) (in regard to the rear door sash)
(J)	Between front door panel to rear door panel	J1: $4.5 \pm 1.0$ mm ( $0.18 \pm 0.04$ in) J2: $0 +1.0 -0.5$ mm ( $0 +0.04 -0.02$ in) (in regard to the rear door panel)
(K)	Between front door panel to side sill panel	$6.0 \pm 1.0$ mm ( $0.23 \pm 0.04$ in)

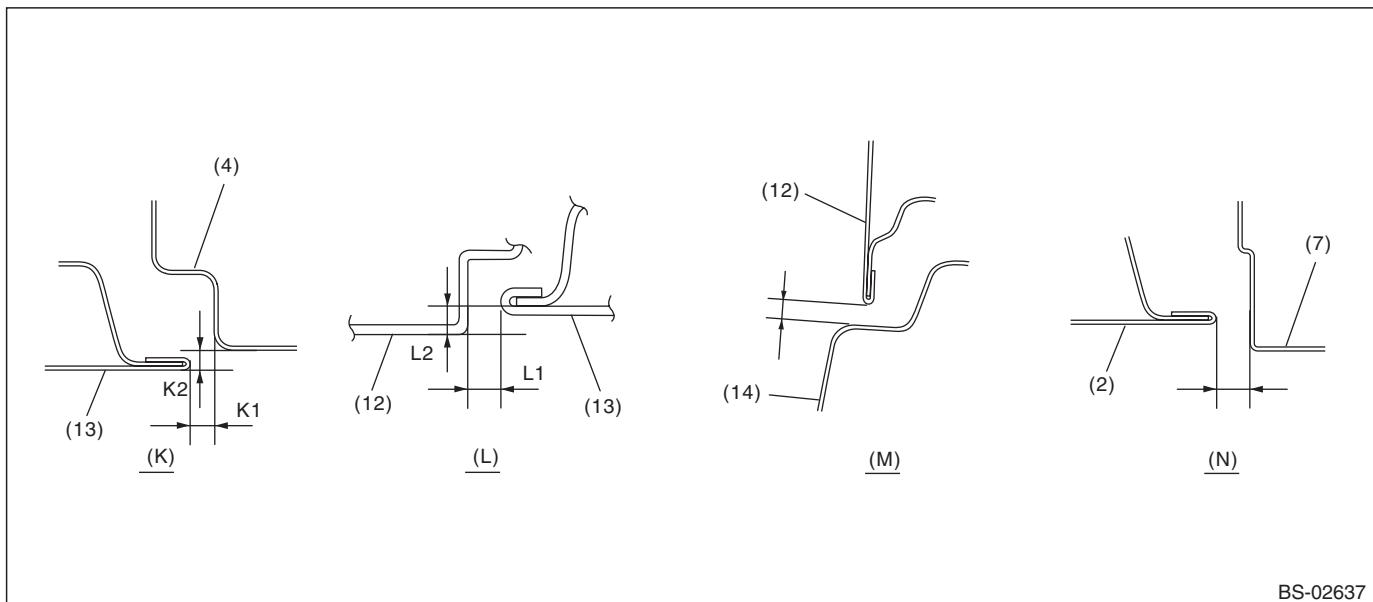
# Gauge Values for Fitting

## 2. REAR (5 DOOR)



BS-02631

# Gauge Values for Fitting



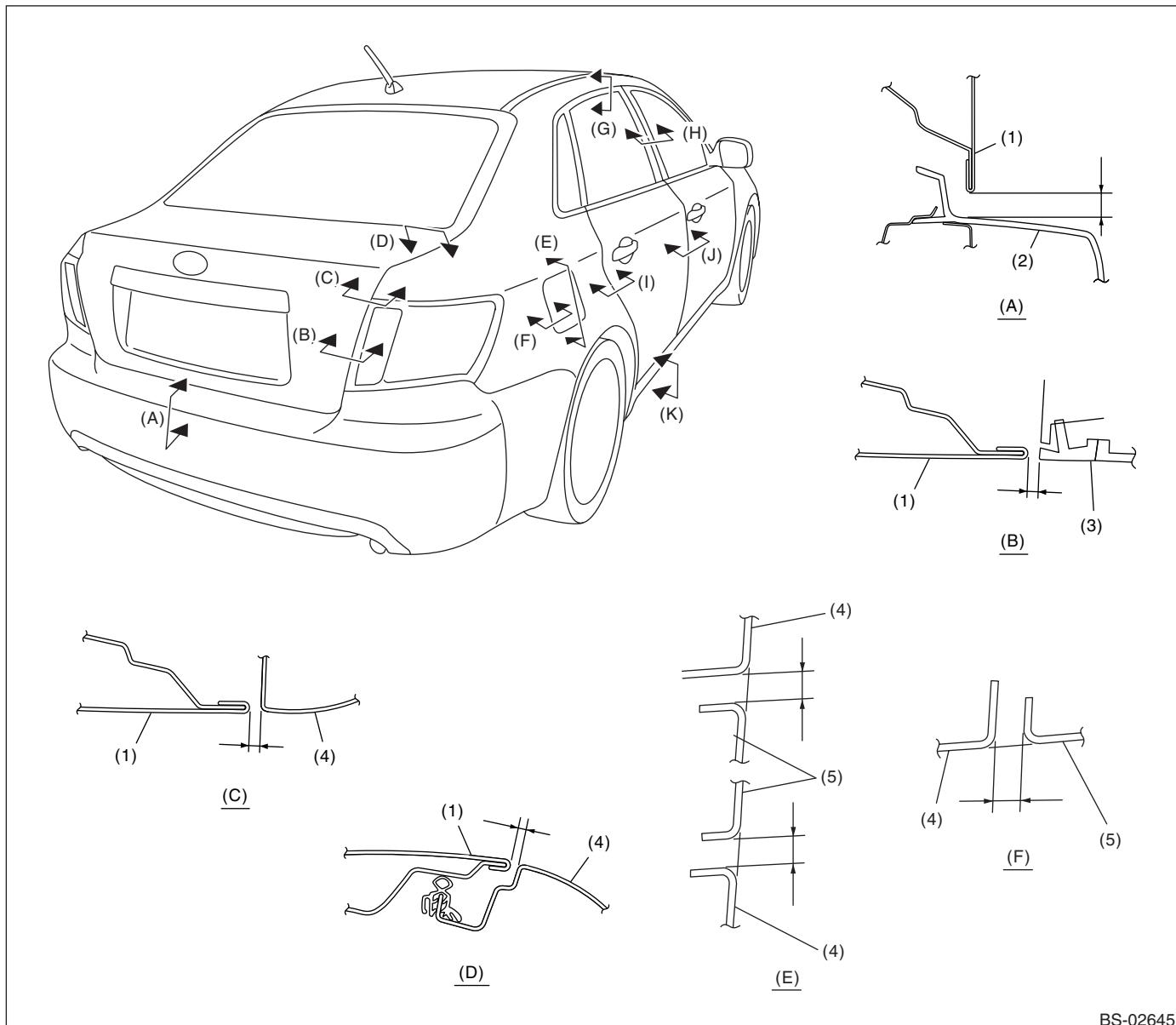
BS-02637

(1) Roof panel	(6) Rear combination light	(11) Front door sash
(2) Rear gate panel	(7) Rear bumper	(12) Rear door panel
(3) Rear gate glass	(8) Fuel filler flap lid	(13) Front door panel
(4) Rear quarter panel	(9) Roof panel	(14) Side sill panel
(5) Rear finisher light	(10) Rear door sash	(15) Rear quarter glass moulding

Section	Part	Specification
(A)	Between roof panel to rear gate panel	A1: $6.0+1.0-0.5$ mm ( $0.23+0.04-0.02$ in) A2: $1.0\pm 1.0$ mm ( $0.04\pm 0.04$ in)
(B)	Between rear gate glass to rear quarter panel	B1: $5.0\pm 1.5$ mm ( $0.20\pm 0.06$ in) B2: $6.7\pm 1.5$ mm ( $0.26\pm 0.06$ in)
(C)	Between rear gate panel to rear quarter panel	C1: $4.6\pm 1.0$ mm ( $0.18\pm 0.04$ in) C2: $0.5\pm 1.0$ mm ( $0.02\pm 0.04$ in)
(D)	Between rear combination light to rear finisher light	$5.0\pm 1.0$ mm ( $0.20\pm 0.04$ in)
(E)	Between rear door sash to rear quarter glass moulding	$7.0\pm 1.0$ mm ( $0.28\pm 0.04$ in)
(F)	Between rear gate panel to rear bumper	$8.0\pm 1.0$ mm ( $0.31\pm 0.04$ in)
(G)	Between rear quarter panel to fuel filler flap lid	G1: $3.5\pm 0.5$ mm ( $0.14\pm 0.06$ in) G2: $4.0\pm 0.5$ mm ( $0.18\pm 0.06$ in)
(H)	Between rear quarter panel to fuel filler flap lid	$3.5\pm 0.5$ mm ( $0.14\pm 0.02$ in)
(I)	Between roof panel to rear door sash	I1: $5.0\pm 1.0$ mm ( $0.20\pm 0.04$ in) I2: $3.8\pm 1.0$ mm ( $0.15\pm 0.04$ in)
(J)	Between rear door sash to front door sash	J1: $5.5\pm 1.0$ mm ( $0.22\pm 0.04$ in) J2: $0+0.5-1.0$ mm ( $0+0.02-0.04$ in) (in regard to the front door sash)
(K)	Between rear door panel to rear quarter panel	K1: $4.0\pm 1.0$ mm ( $0.16\pm 0.04$ in) K2: $0+1.0-0.5$ mm ( $0+0.04-0.02$ in) (in regard to the rear quarter panel)
(L)	Between front door panel to rear door panel	L1: $4.5\pm 1.0$ mm ( $0.18\pm 0.04$ in) L2: $0+0.5-1.0$ mm ( $0+0.02-0.04$ in) (in regard to the front door panel)
(M)	Between rear door panel to side sill panel	$6.0\pm 1.0$ mm ( $0.24\pm 0.04$ in)
(N)	Between rear gate panel to rear bumper	$5.0\pm 1.0$ mm ( $0.20\pm 0.04$ in)

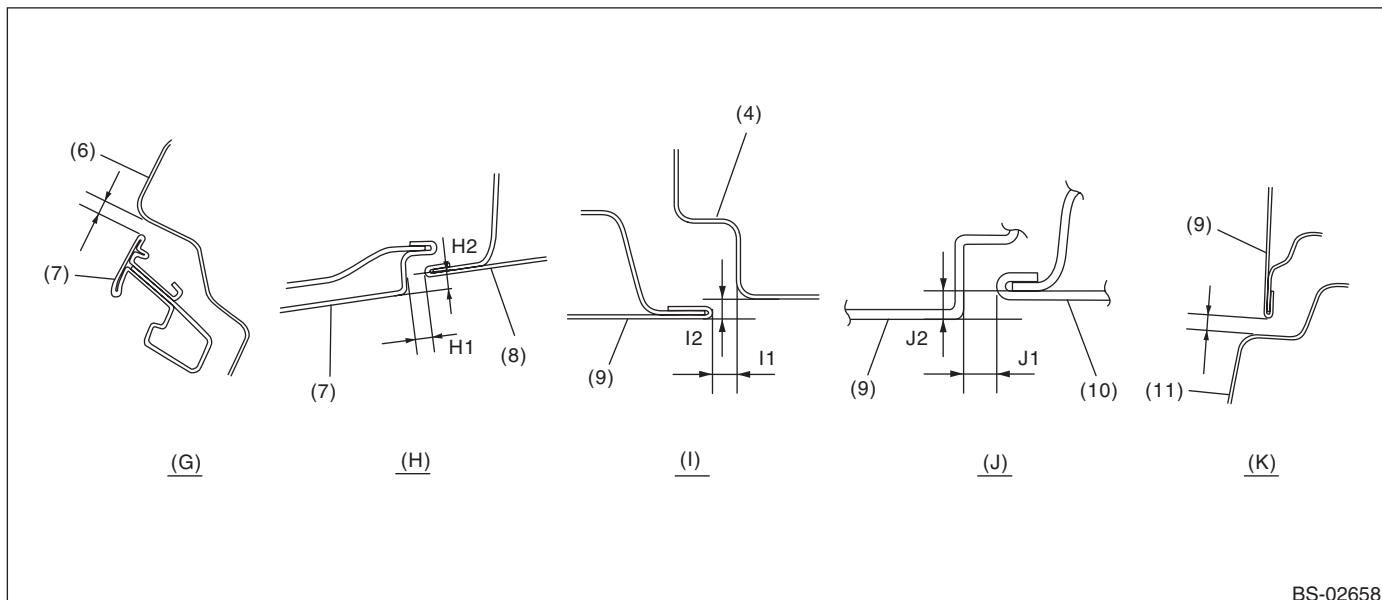
## Gauge Values for Fitting

### 3. REAR (4 DOOR)



BS-02645

# Gauge Values for Fitting



BS-02658

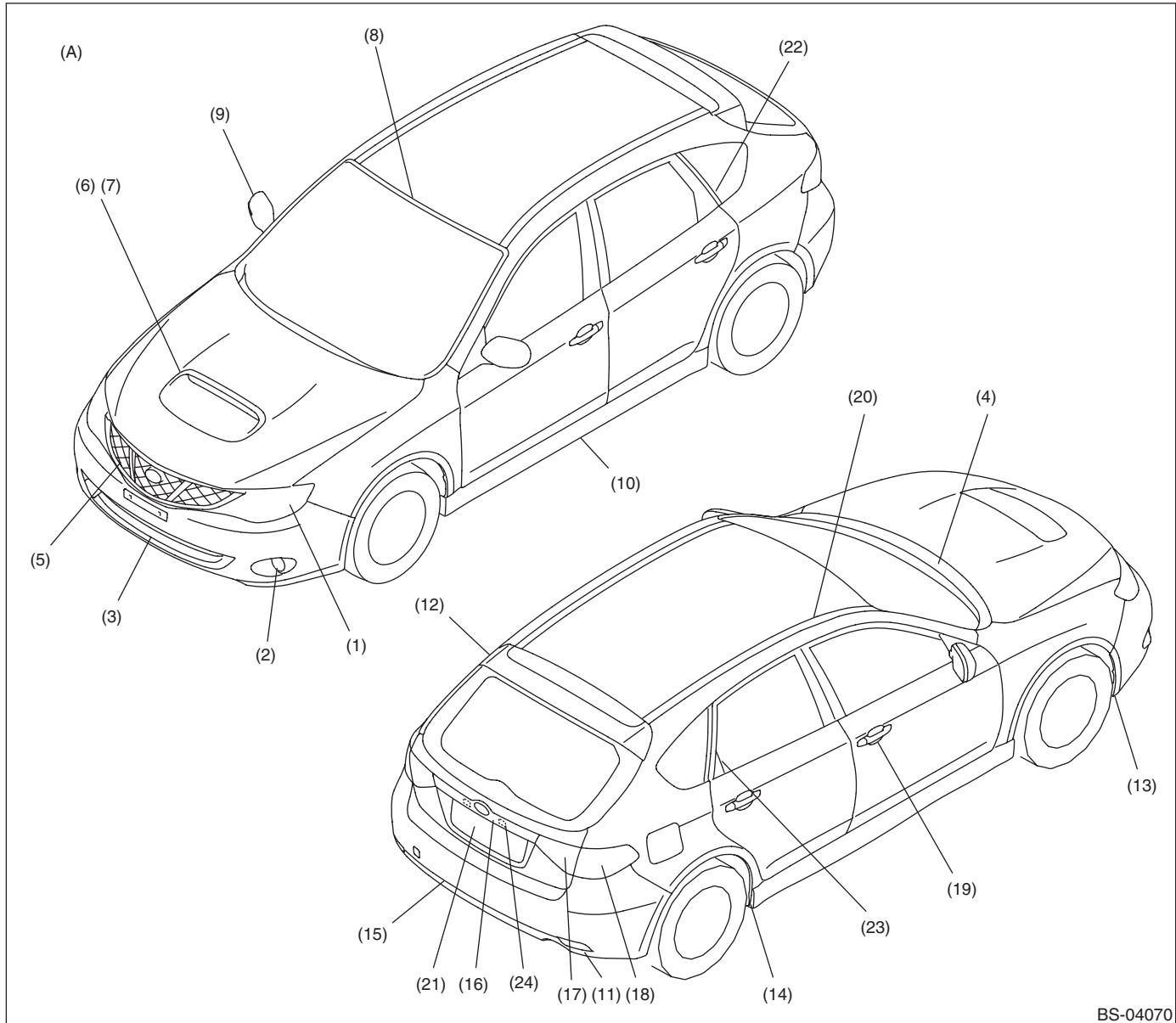
(1) Trunk panel	(5) Fuel filler flap lid	(9) Rear door panel
(2) Rear bumper	(6) Roof panel	(10) Front door panel
(3) Rear combination light	(7) Rear door sash	(11) Side sill panel
(4) Rear quarter panel	(8) Front door sash	

Section	Part	Specification
(A)	Between trunk panel to rear bumper face	$9.0 \pm 1.0$ mm ( $0.35 \pm 0.04$ in)
(B)	Between trunk panel to rear combination light	$3.5 \pm 1.0$ mm ( $0.14 \pm 0.04$ in)
(C)	Between trunk panel to rear quarter panel	$3.5 \pm 1.0$ mm ( $0.14 \pm 0.04$ in)
(D)	Between trunk panel to rear quarter panel	$3.5 \pm 1.0$ mm ( $0.14 \pm 0.04$ in)
(E)	Between rear quarter panel to fuel filler flap lid	$3.5 \pm 0.5$ mm ( $0.14 \pm 0.02$ in)
(F)	Between rear quarter panel to fuel filler flap lid	$3.5 \pm 0.5$ mm ( $0.14 \pm 0.02$ in)
(G)	Between roof panel to rear door sash	$5.0 \pm 1.0$ mm ( $0.20 \pm 0.04$ in)
(H)	Between rear door sash to front door sash	H1: $5.5 \pm 1.0$ mm ( $0.22 \pm 0.04$ in) H2: $0+0.5-1.0$ mm ( $0+0.02-0.04$ in) (in regard to the front door sash)
(I)	Between rear door panel to rear quarter panel	I1: $4.0 \pm 1.0$ mm ( $0.16 \pm 0.04$ in) I2: $0+1.0-0.5$ mm ( $0+0.04-0.02$ in) (in regard to the rear quarter panel)
(J)	Between front door panel to rear door panel	J1: $4.5 \pm 1.0$ mm ( $0.18 \pm 0.04$ in) J2: $0+0.5-1.0$ mm ( $0+0.02-0.04$ in) (in regard to the front door panel)
(K)	Between rear door panel to side sill panel	$6.0 \pm 1.0$ mm ( $0.24 \pm 0.04$ in)

## 6. Plastic Parts and Materials

### A: SPECIFICATION

- Special 5 door parts and common parts for 5 door and 4 door



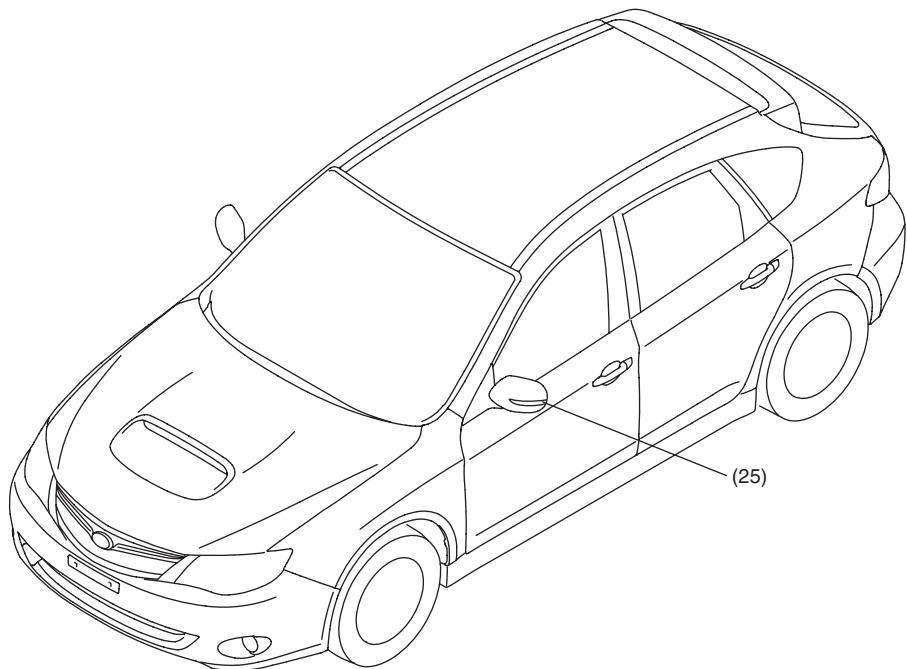
BS-04070

(A) Except for side turn light built-in door mirror model

(1) Headlight	(9) Door mirror	(17) Backup light
(2) Front fog light	(10) Side spoiler	(18) Rear combination light
(3) Front bumper	(11) Rear reflex reflector	(19) Door handle
(4) Cowl panel	(12) Rear spoiler	(20) Roof moulding
(5) Front grille	(13) Front mudguard	(21) Rear gate opener switch
(6) Turbo grille (turbo model)	(14) Air flap rear	(22) Rear quarter moulding
(7) Hood duct inner (turbo model)	(15) Rear bumper	(23) Rear door gusset cover
(8) Front window moulding	(16) Rear gate garnish	(24) License light

## Plastic Parts and Materials

(B)



BS-04071

(B) Side turn light built-in door mirror model

(25) Side turn light

# Plastic Parts and Materials

No.	Part name		Material	
(1)	Headlight	Lens	PC	
		Housing	PP	
		Extension	PBT + PET	
(2)	Front fog light (standard)	Bracket (housing)	PP + GF40	
(3)	Front bumper	Face	PP	
		Fog light cover	PP	
		Hook cover	PP	
		Center lower bracket	PP	
		Side bracket	POM	
		Corner bracket	PP + GF20	
(4)	Cowl panel	Body, side	PP	
(5)	Front grille	Grille	AES	
		Moulding	ABS	
(6)	Turbo grille		PA/PPE	
(7)	Hood duct inner	Upper	PP	
		Lower	EPDM	
(8)	Front window moulding		PVC	
(9)	Door mirror	Body	AES	
		Inner cover	AES	
		Outer cover	ABS	
		Mirror holder	PP	
(10)	Side spoiler		PP	
(11)	Rear reflex reflector	Lens	PMMA	
		Housing	PC	
(12)	Rear spoiler	Body	ABS	
		High mount lens	PMMA	
		High mount housing	ABS	
(13)	Front mudguard	Body	PE	
		Air flap	PE	
(14)	Air flap rear		PE	
(15)	Rear bumper	Face	PP	
(16)	Rear gate garnish		ABS	
(17)	Backup light	Lens	PMMA	
		Housing	ASA	
(18)	Rear combination light	Lens	PMMA	
		Housing	ASA	
		Reflector	PC	
		Reflex reflector	PMMA	
(19)	Door handle	Standard model	PC + PBT	
		Model with smart opener	Handle body	PC + PBT
			Antenna cover	PC + PET
		End cover	PC + PBT	
(20)	Roof moulding		PVC	
(21)	Rear gate opener switch		PP + GF35	
(22)	Rear quarter moulding		AES	
(23)	Rear door gusset cover		AES	
(24)	License light	Lens	PC	
		Housing	PC	
(25)	Side turn light	Lens	PMMA	
		Housing	PC	
	Under cover	Body	PP	

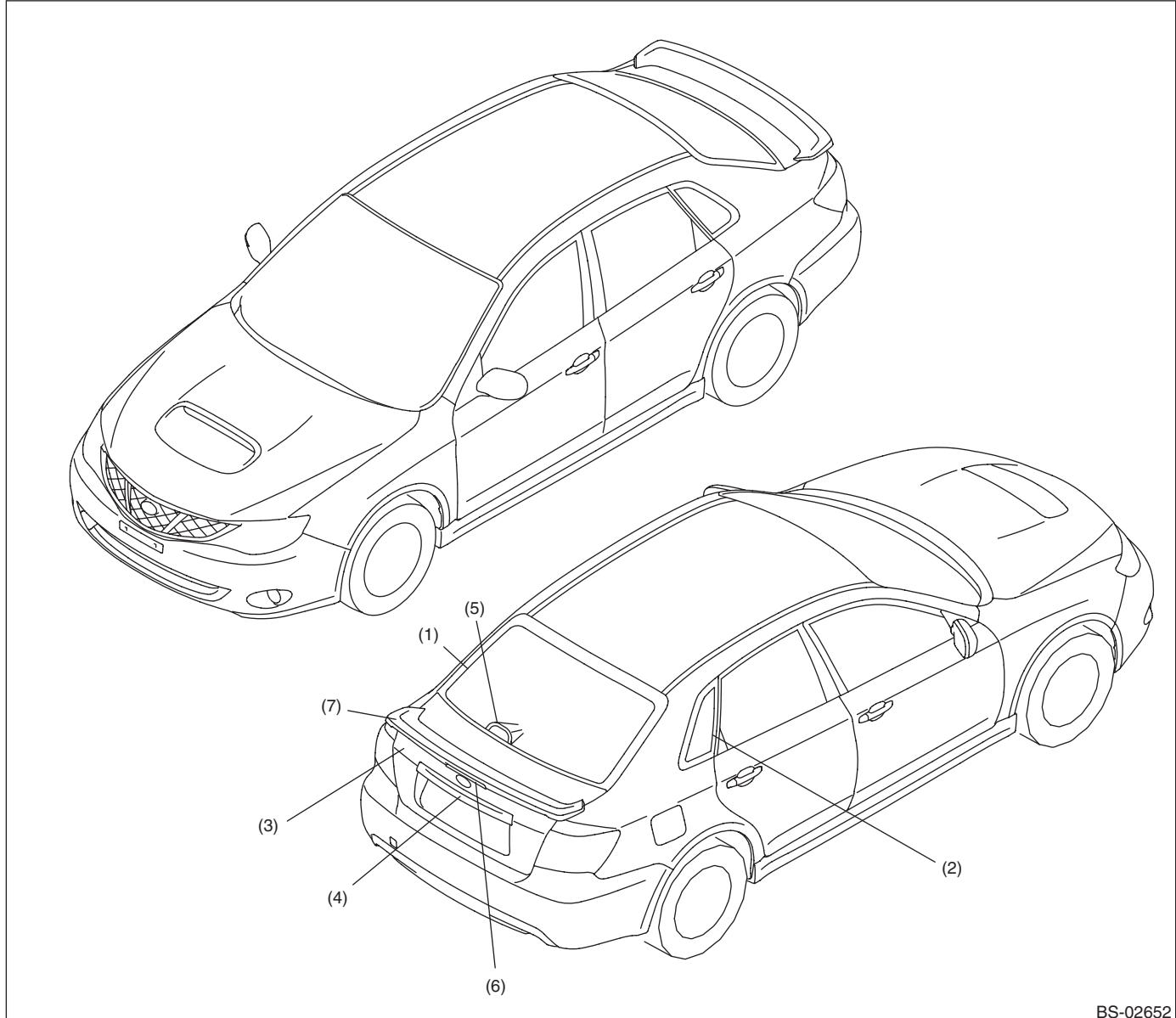
## Plastic Parts and Materials

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No.	Part name		Material
	Splash board		PP
Rear wiper		Blade	PBT
		Arm	PET
		Arm cover	PBT

## Plastic Parts and Materials

- Special 4 door parts



(1) Rear window moulding	(4) License light	(7) Rear spoiler
(2) Six light moulding	(5) High mount stop light (indoor type)	
(3) Trunk garnish	(6) High mount stop light (integrated in the rear spoiler)	

For the common parts for 5-door model, refer to the figure "Special 5 door parts and common parts for 5 door and 4 door" on page 36.

## Plastic Parts and Materials

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No.	Part name	Material	
(1)	Rear window moulding	EPDM	
(2)	Six light moulding	PVC	
(3)	Trunk garnish	ABS	
(4)	License light	Lens Housing	PC PBT + PET
(5)	High mount stop light (indoor type)	Lens Case Reflector	PC PP PBT + PET
(6)	High mount stop light (integrated in the rear spoiler)	Lens Housing	PMMA ABS
(7)	Rear spoiler	Body	ABS
	Rear wiper	Blade Arm Arm cover	PBT PET PBT

## List of Plastic Material Notations

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### 7. List of Plastic Material Notations

#### A: SPECIFICATION

Notation symbol	Material name	Notation symbol	Material name
ABS	ABS resin (acrylonitrile/butadiene/styrene/resin)	PMMA	Polymethyl methacrylate
AES	Acrylonitrile/ethylene/styrene	POM	Polyacetal
ASA	Acrylonitrile/styrene/acrylate	PP	Polypropylene
EPDM	Ethylene/propylene/dien rubber	PP-GF20	Polypropylene (20% glass fiber content)
PA/PPE	Noryl Nylon	PP-GF30	Polypropylene (30% glass fiber content)
PBT	Poly (butylene terephthalate)	PP-GF40	Polypropylene (40% glass fiber content)
PC	Polycarbonate	PVC	Polyvinyl chloride
PE	Polyethylene	TPO	Thermoplastic olefine
PET	Polyethylene terephthalate	UP	Unsaturated polyester resin

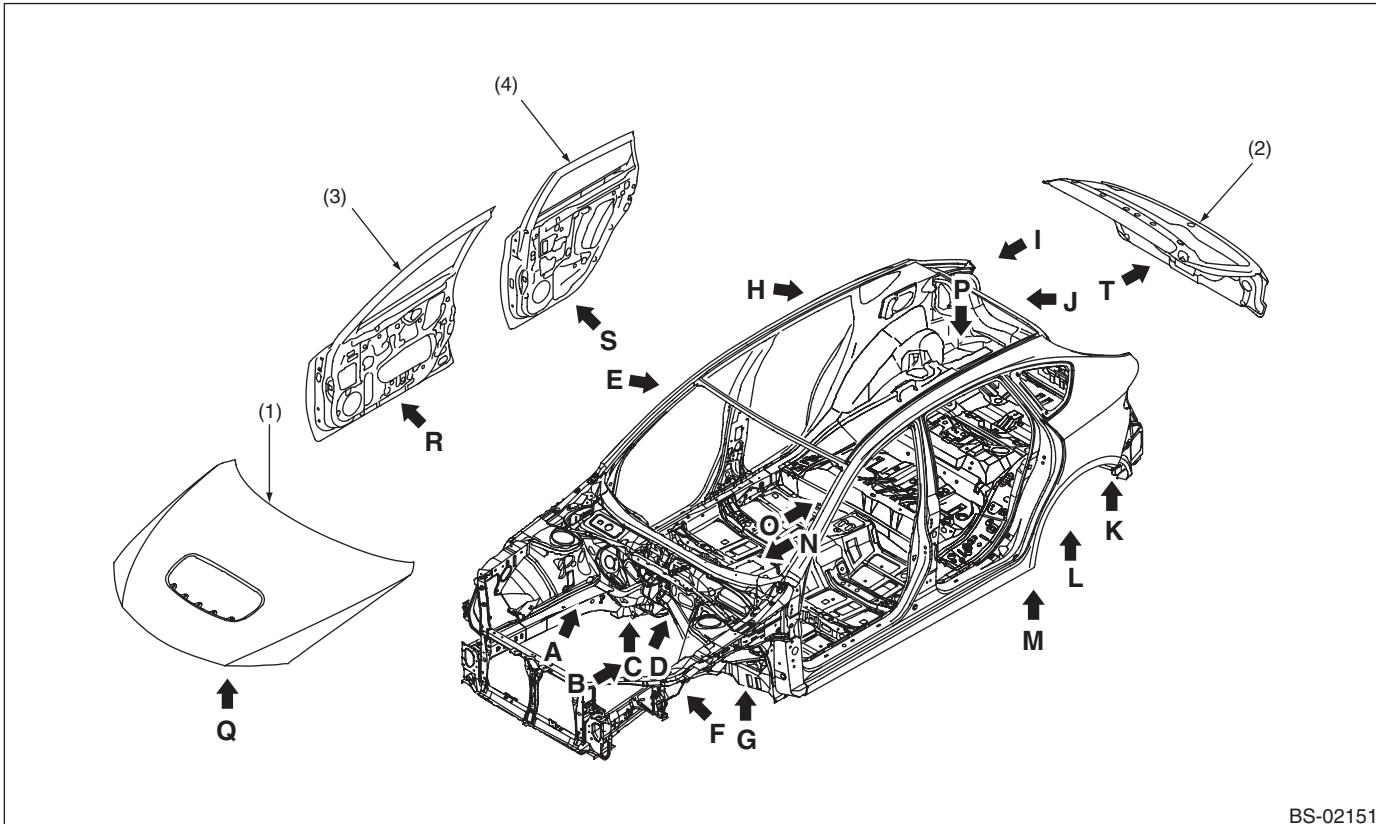
## 8. Body Sealing

### A: SPECIFICATION

Used material: Three Bond 4101 (004403063)

— : Sealer application location

- Common parts for 5 door and 4 door



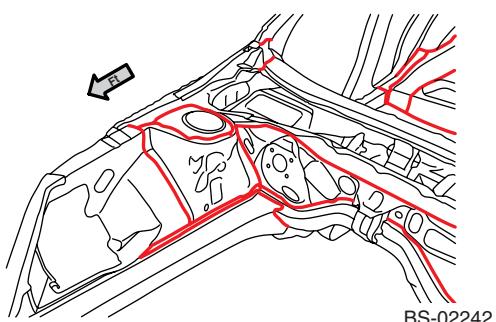
(1) Front hood  
(2) Rear gate

(3) Front door

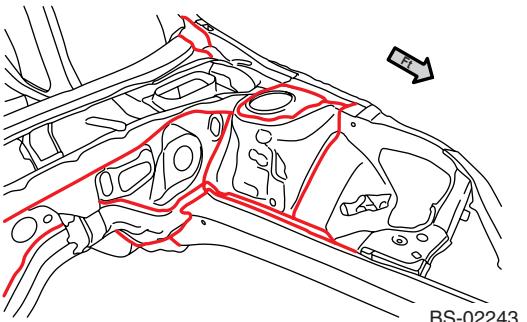
(4) Rear door

## Body Sealing

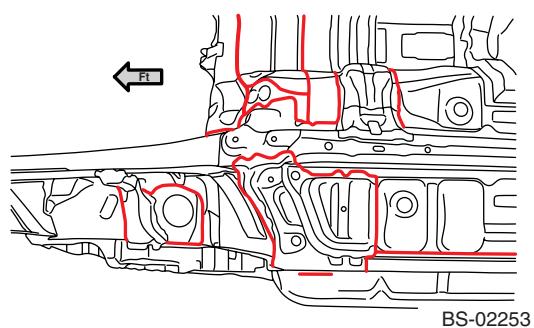
**View A**



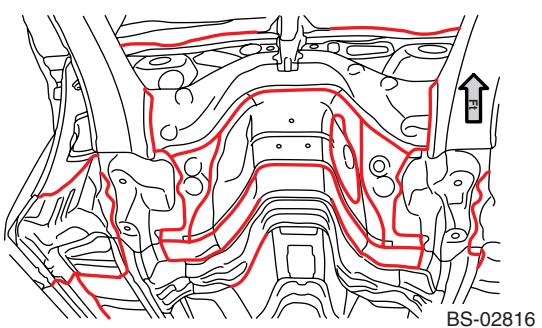
**View B**



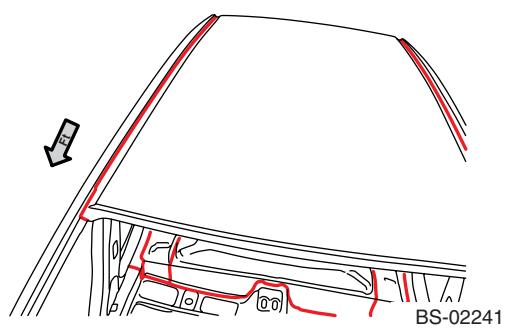
**View C**



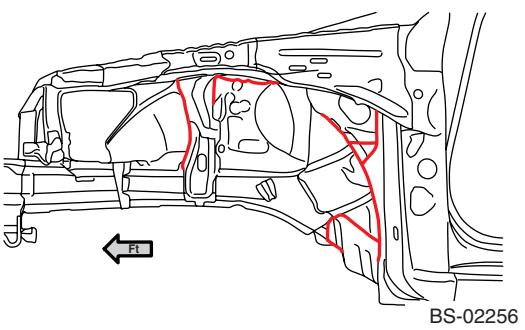
**View D**



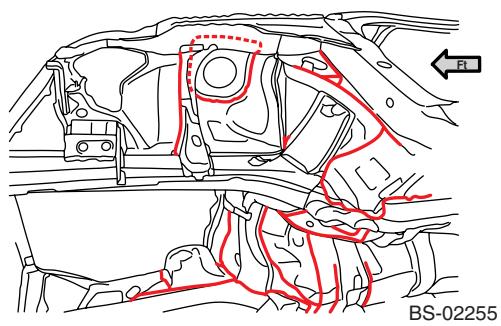
**View E**



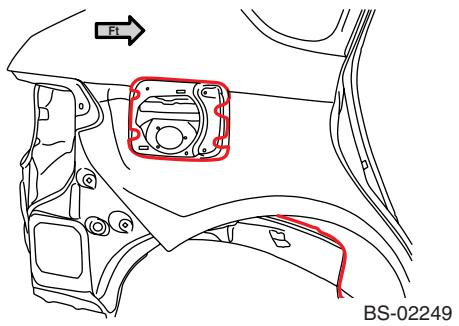
**View F**



**View G**

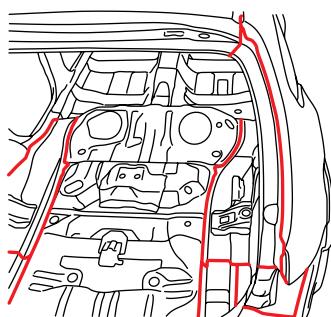


**View H**



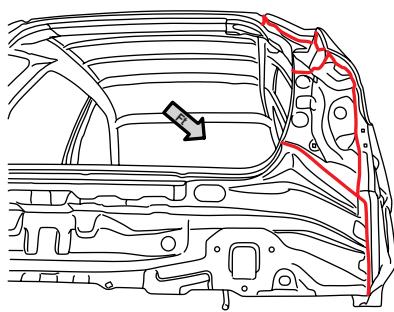
## Body Sealing

**View I**



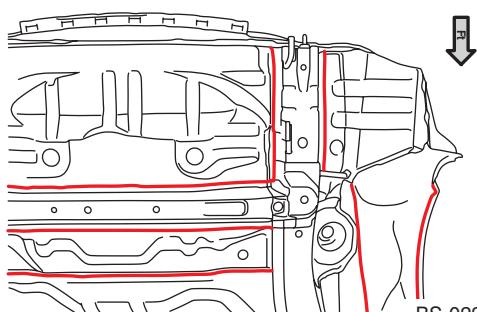
BS-02247

**View J**



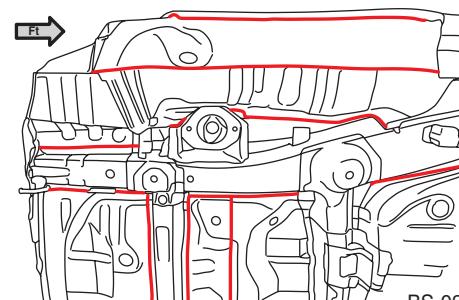
BS-02248

**View K**



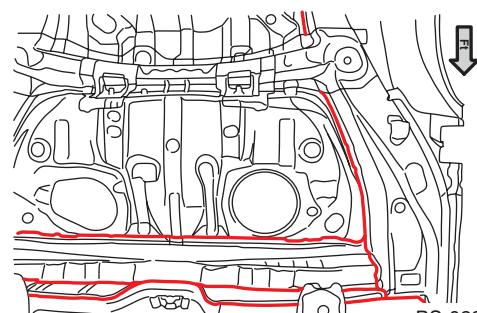
BS-02251

**View L**



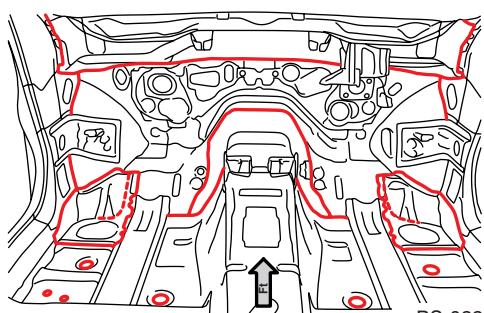
BS-02250

**View M**



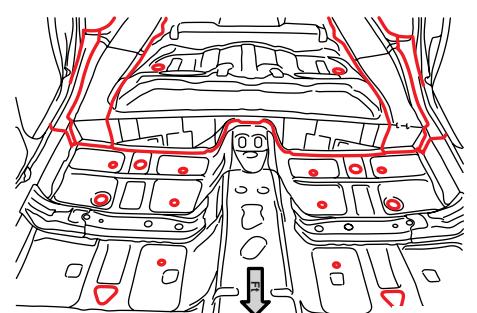
BS-02252

**View N**



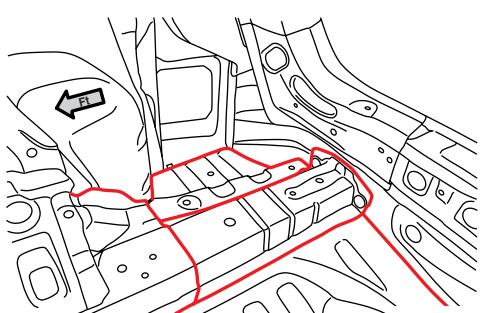
BS-02244

**View O**



BS-02245

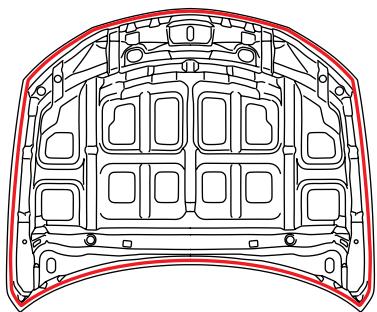
**View P**



BS-02246

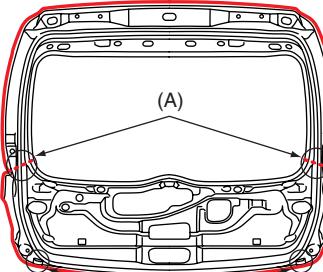
# Body Sealing

View Q



BS-02171

View T



(1)

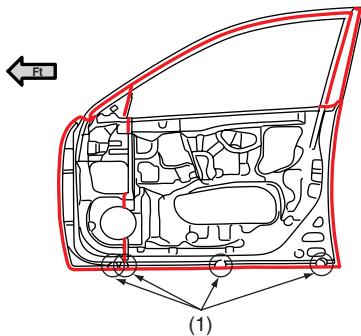
BS-02633

(1) Do not block the water drain holes.

## CAUTION:

- Application to the outer side for part (A) of the rear gate window.

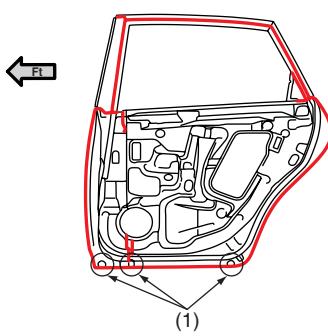
View R



(1)

BS-02174

View S



(1)

BS-02175

(1) Do not block the water drain holes.

(1) Do not block the water drain holes.

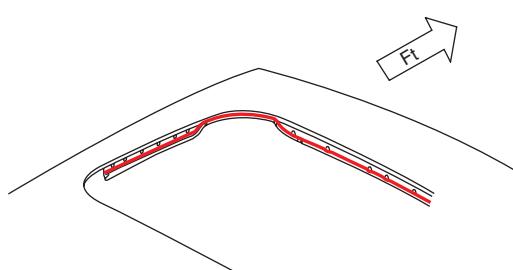
## CAUTION:

- Application to the outer side around the front door gusset.
- Application to the inner side around the rear door gusset.
- Do not block the water drain holes.

## NOTE:

Sealer already has been applied to hood, door and rear gate in replacement condition.

Sunroof opening area

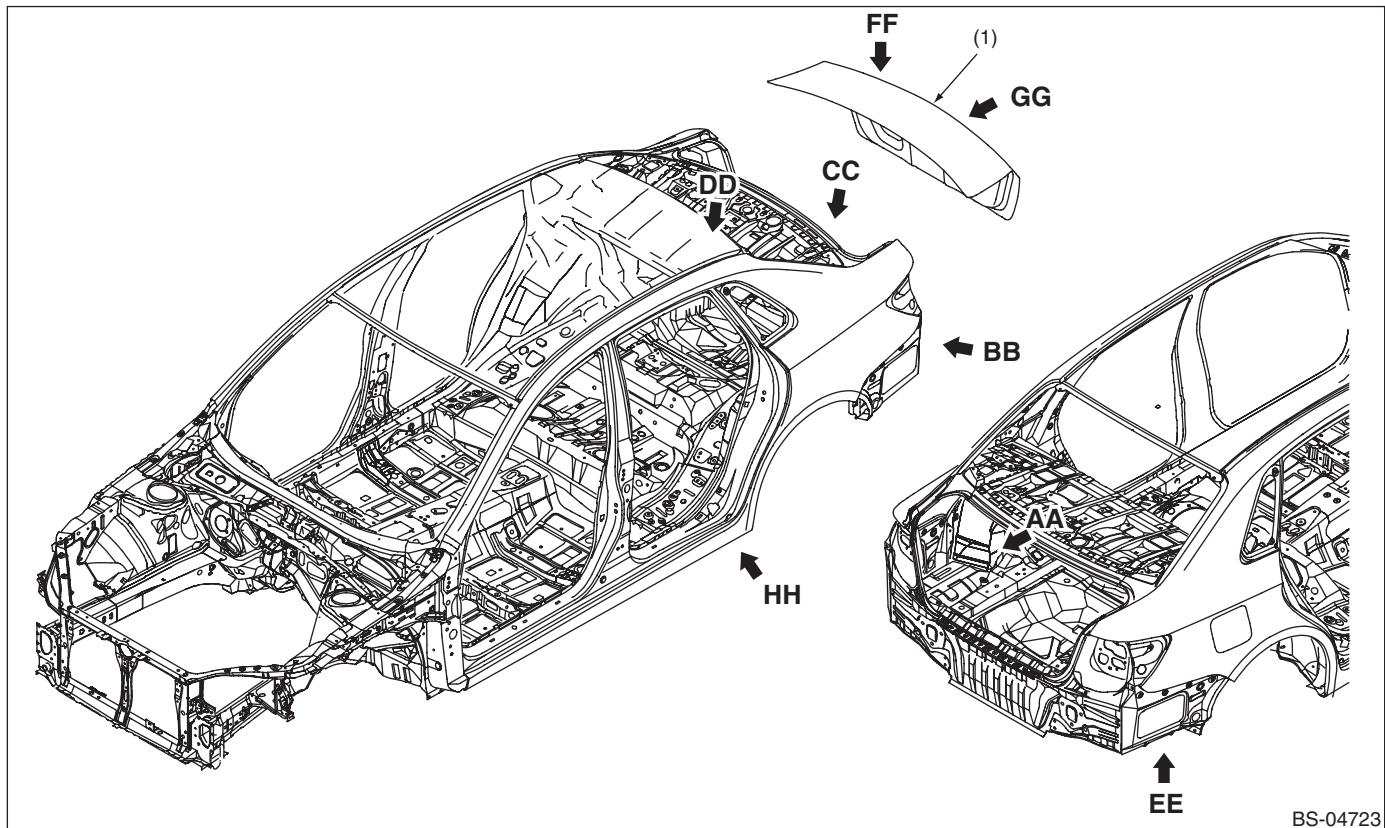


BS-03959

SUBARU.

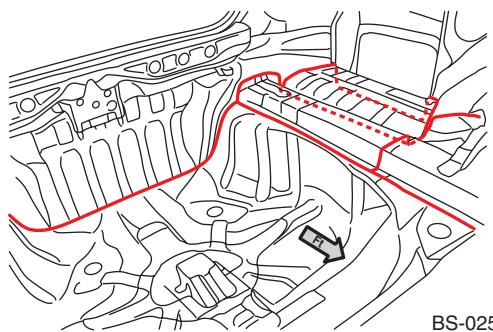
## Body Sealing

- Special 4 door parts

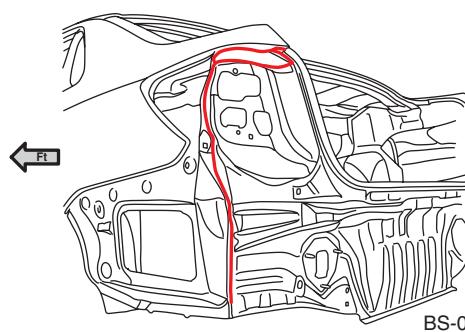


## Body Sealing

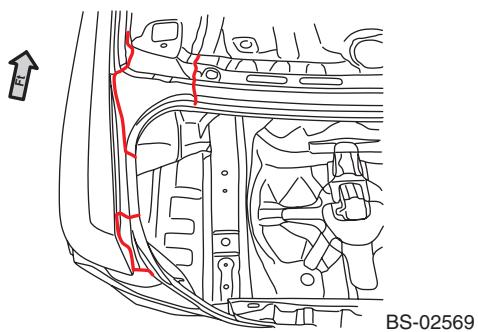
**View AA**



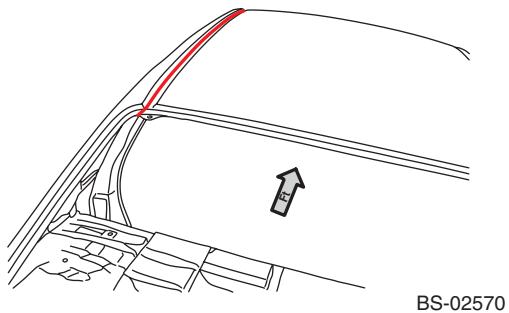
**View BB**



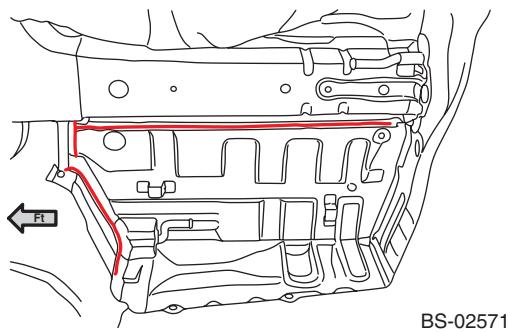
**View CC**



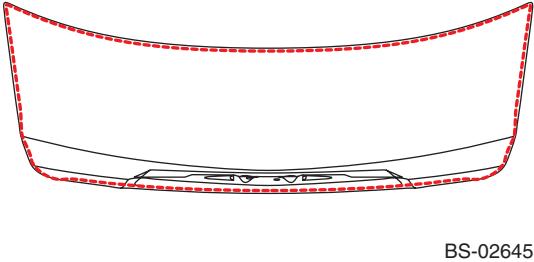
**View DD**



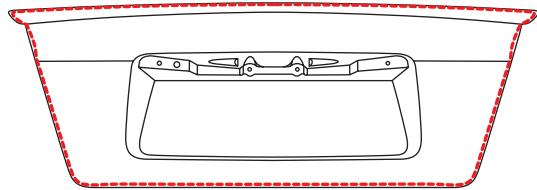
**View EE**



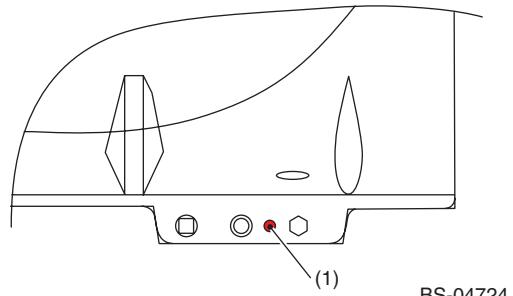
**View FF**



**View GG**



**View HH (STI 4 door)**



BS-02646

BS-04724

(1) Block the 4 mm diameter hole. (STI 4 door)

**CAUTION:**

- Do not block the water drain holes of the trunk.
- Sealer already has been applied to the trunk in replacement condition.

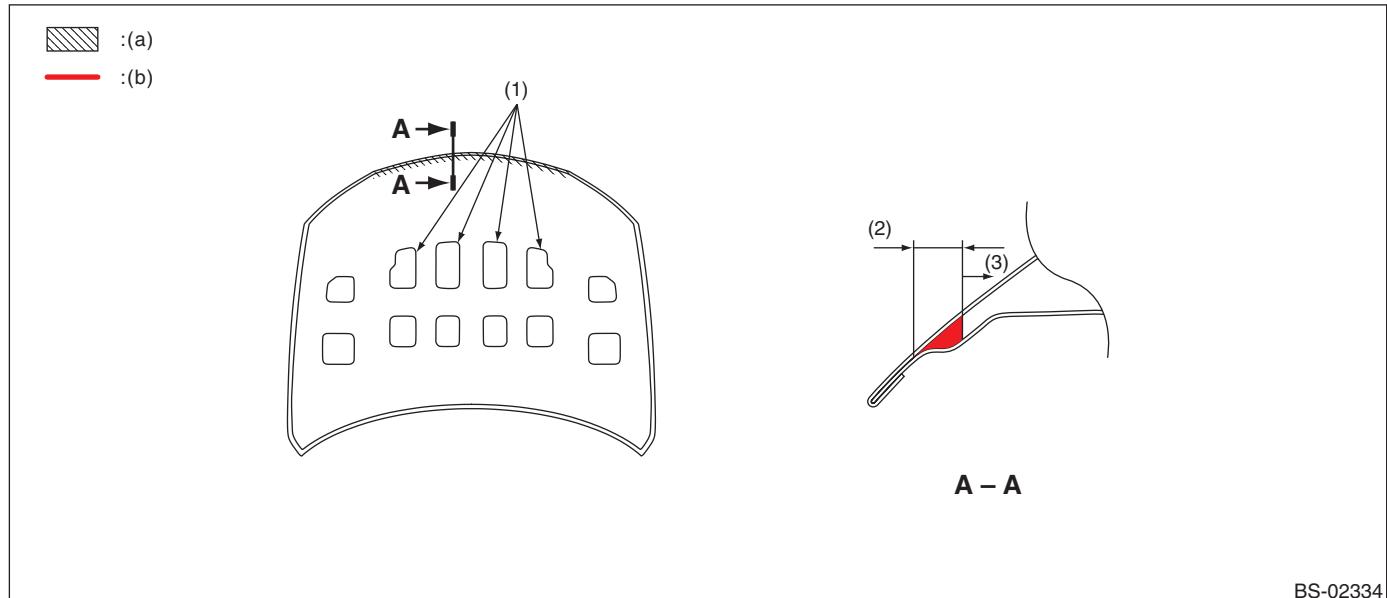
## 9. Anticorrosion Wax

### A: SPECIFICATION

Used material: **Rust-stop aerosol (K0877YA015)**

— and ■■■■■ ■■■■■ ■■■■■ ■■■■■: Application area

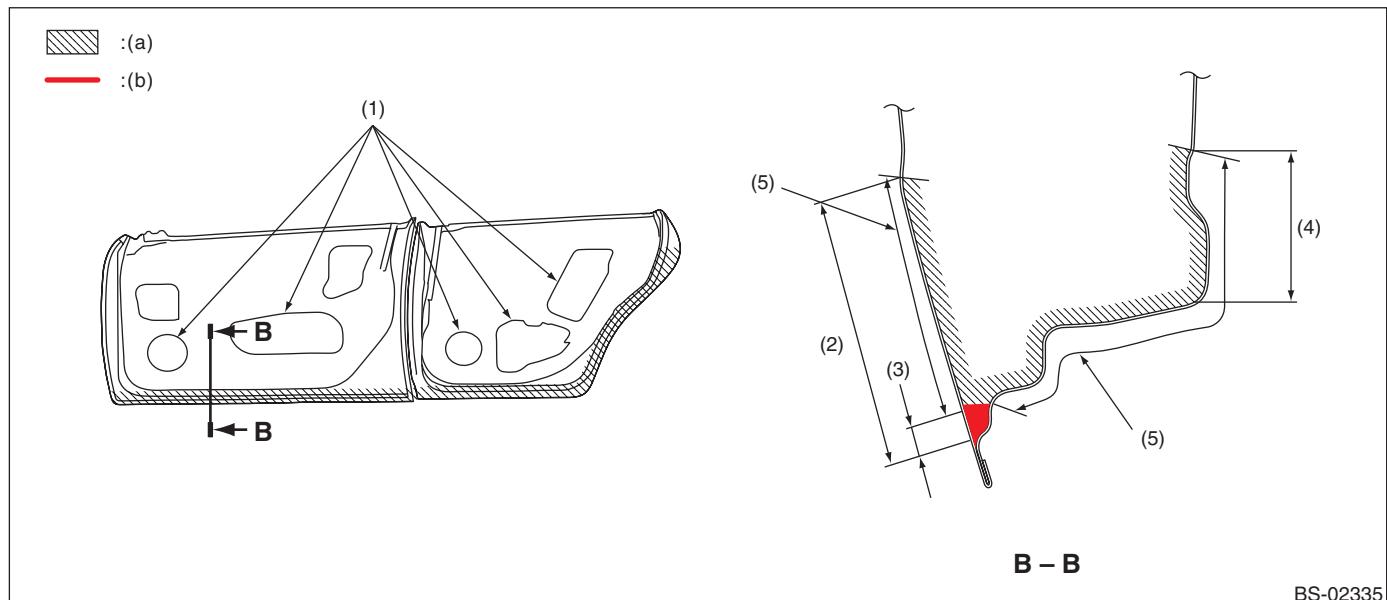
- Front hood (Application thickness = 50  $\mu\text{m}$  or more)



(a) Rust-stop aerosol (b) To be filled into the plate joint.

(1) Wax application work openings (2) 10 mm (0.39 in) (3) Adherence of mist is allowable.

- Door (Application thickness = 50  $\mu\text{m}$  or more)



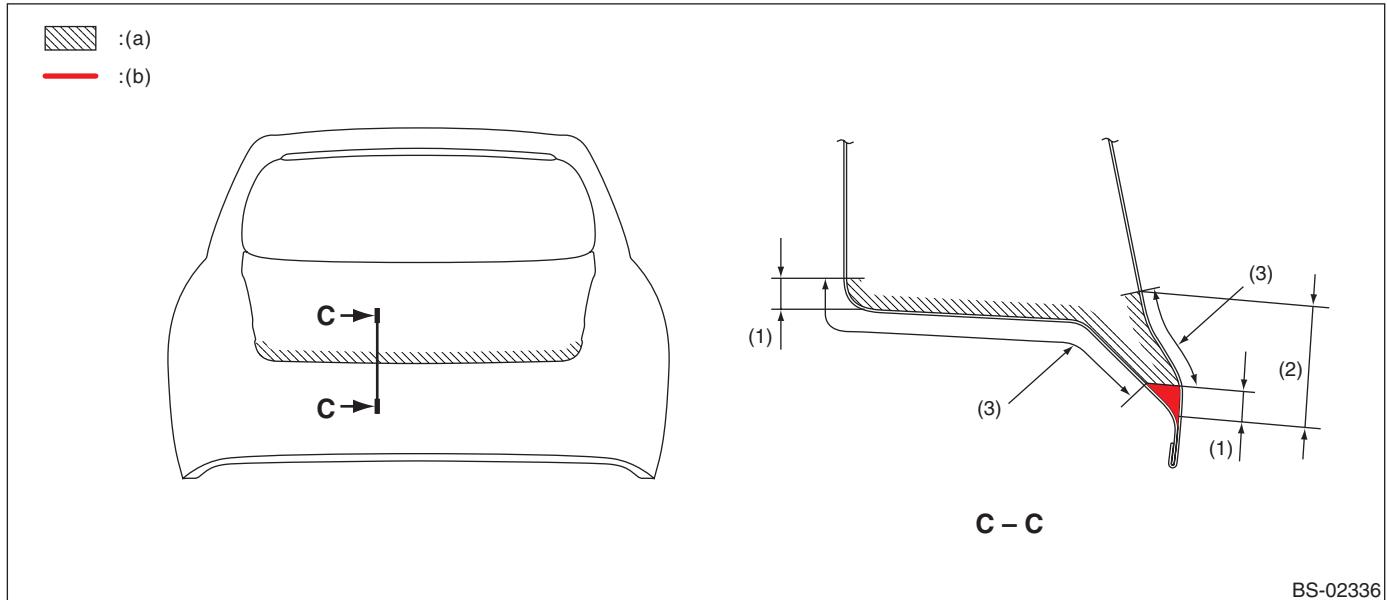
(a) Rust-stop aerosol (b) To be filled into the plate joint.

(1) Wax application work openings (3) 10 mm (0.39 in) (5) Adherence of mist is allowable.

(2) 90 mm (3.54 in) (4) 50 mm (1.97 in)

## Anticorrosion Wax

- Rear gate (Application thickness = 50  $\mu\text{m}$  or more)



(a) Rust-stop aerosol

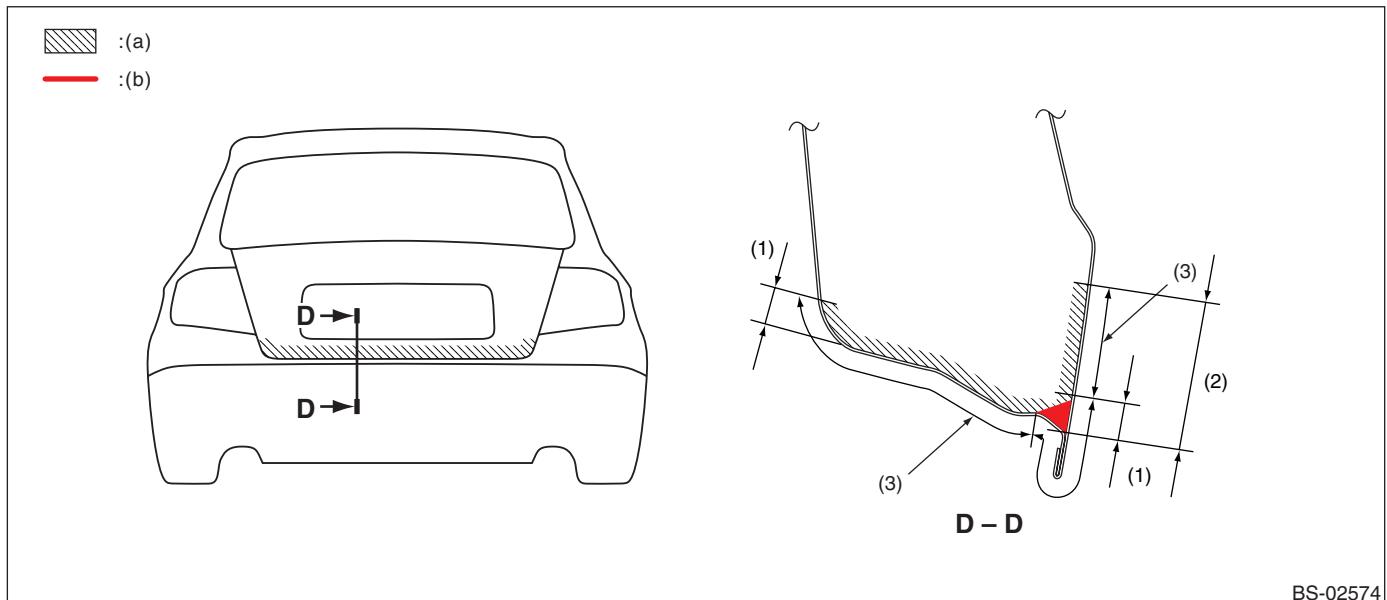
(b) To be filled into the plate joint.

(1) 10 mm (0.39 in)

(2) 40 mm (1.57 in)

(3) Adherence of mist is allowable.

- Trunk lid (Application thickness = 50  $\mu\text{m}$  or more)



(a) Rust-stop aerosol

(b) To be filled into the plate joint.

(1) 10 mm (0.39 in)

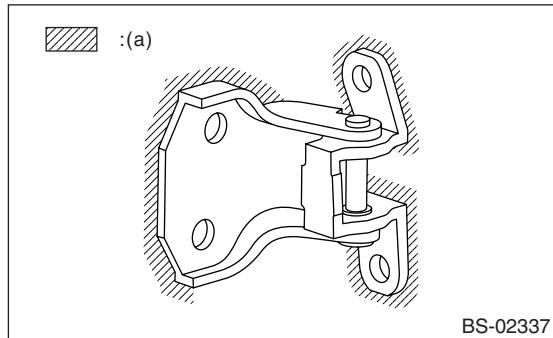
(2) 40 mm (1.57 in)

(3) Adherence of mist is allowable.

## Anticorrosion Wax

- Rear door hinge (Application thickness = 15  $\mu\text{m}$  or more)

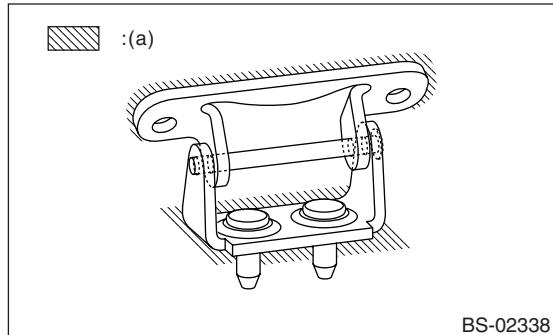
Apply to the contact surface (indicated range) on body side at two locations at the top and bottom (four locations in all), and to the installation outer circumference (plate edges) on the door side.



(a) Rust-stop aerosol

- Rear gate hinge (Application thickness = 15  $\mu\text{m}$  or more)

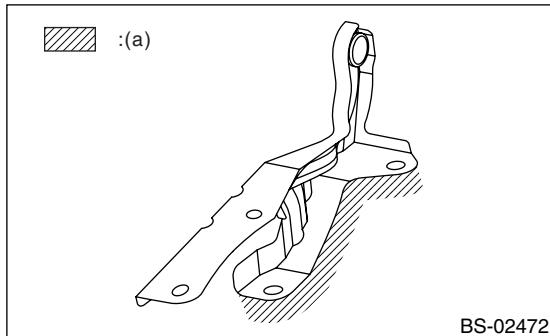
Apply to the contact surface on the body side at two locations on the left and right, and to installation outer circumference (indicated range, plate edges) on the rear gate side.



(a) Rust-stop aerosol

- Hood hinge (Application thickness = 15  $\mu\text{m}$  or more)

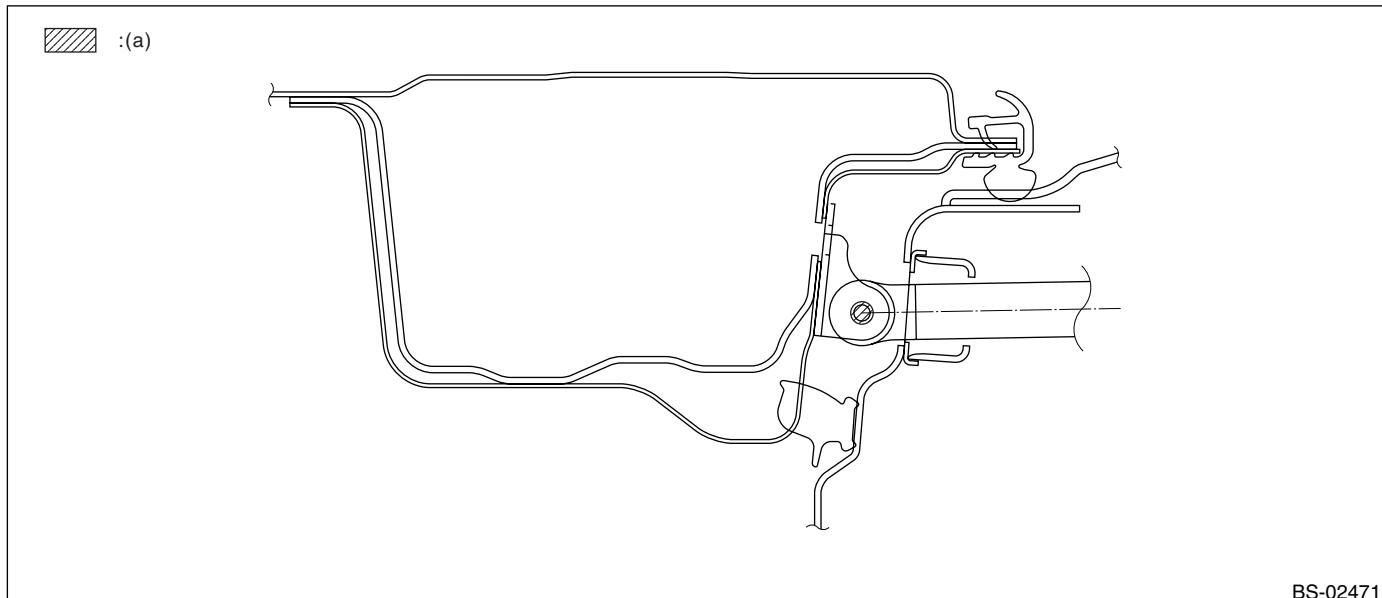
Apply to installation outer circumference (indicated range, plate edges) on the body side at two locations on the left and right.



(a) Rust-stop aerosol

## Anticorrosion Wax

- Door checker pin (Application thickness = 8  $\mu\text{m}$  or more)  
Apply to the checker pin caulking part on each door.



BS-02471

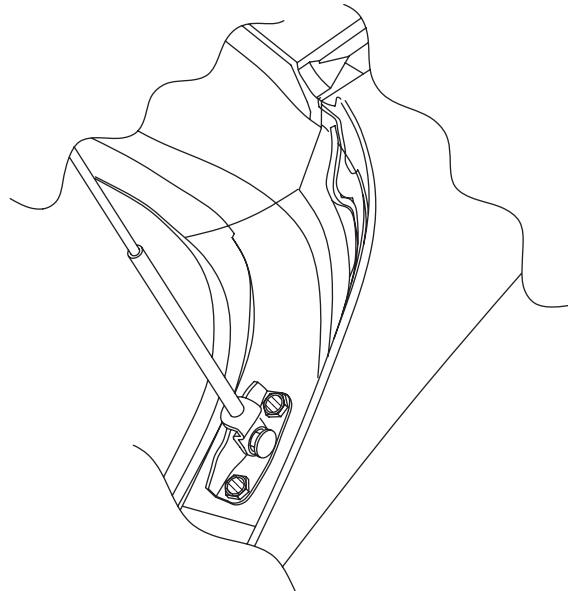
(a) Rust-stop aerosol

## Anticorrosion Wax

- Rear gate stay (Application thickness = 8  $\mu\text{m}$  or more)

Apply to the damper hinge part at two locations on the left and right, and to the bolt heads.

■ : (a)



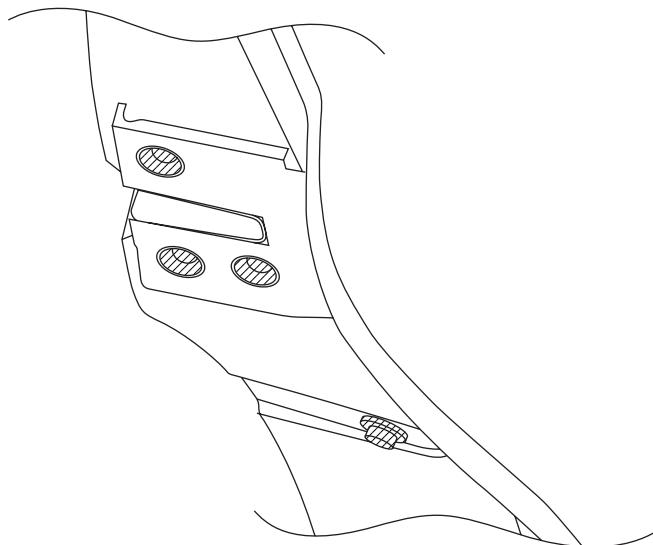
BS-02653

(a) Rust-stop aerosol

- Screw door latch (Application thickness = 15  $\mu\text{m}$  or more)

Apply to the three latch mounting screws, and to the bracket sash mounting bolt.

■ : (a)

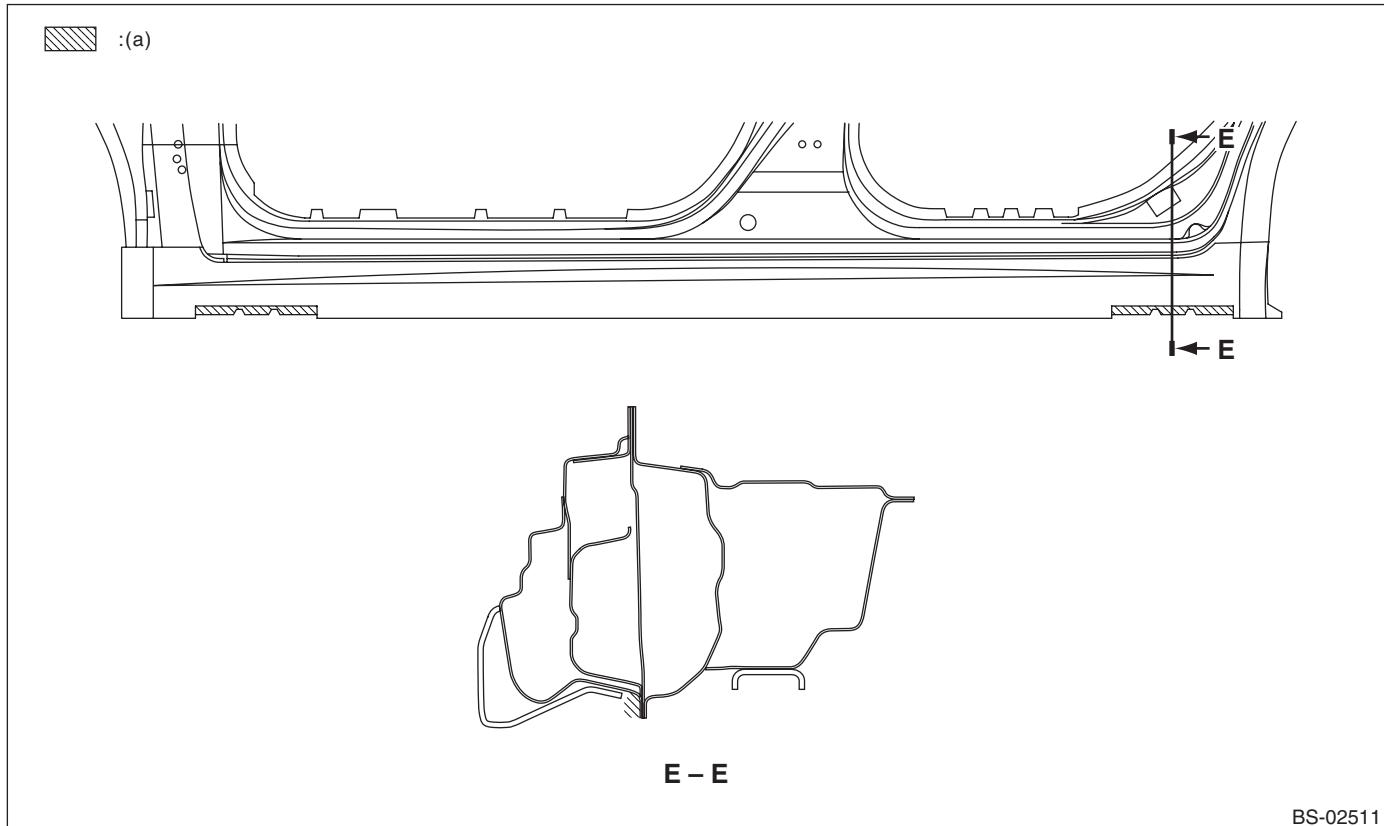


BS-02494

(a) Rust-stop aerosol

## Anticorrosion Wax

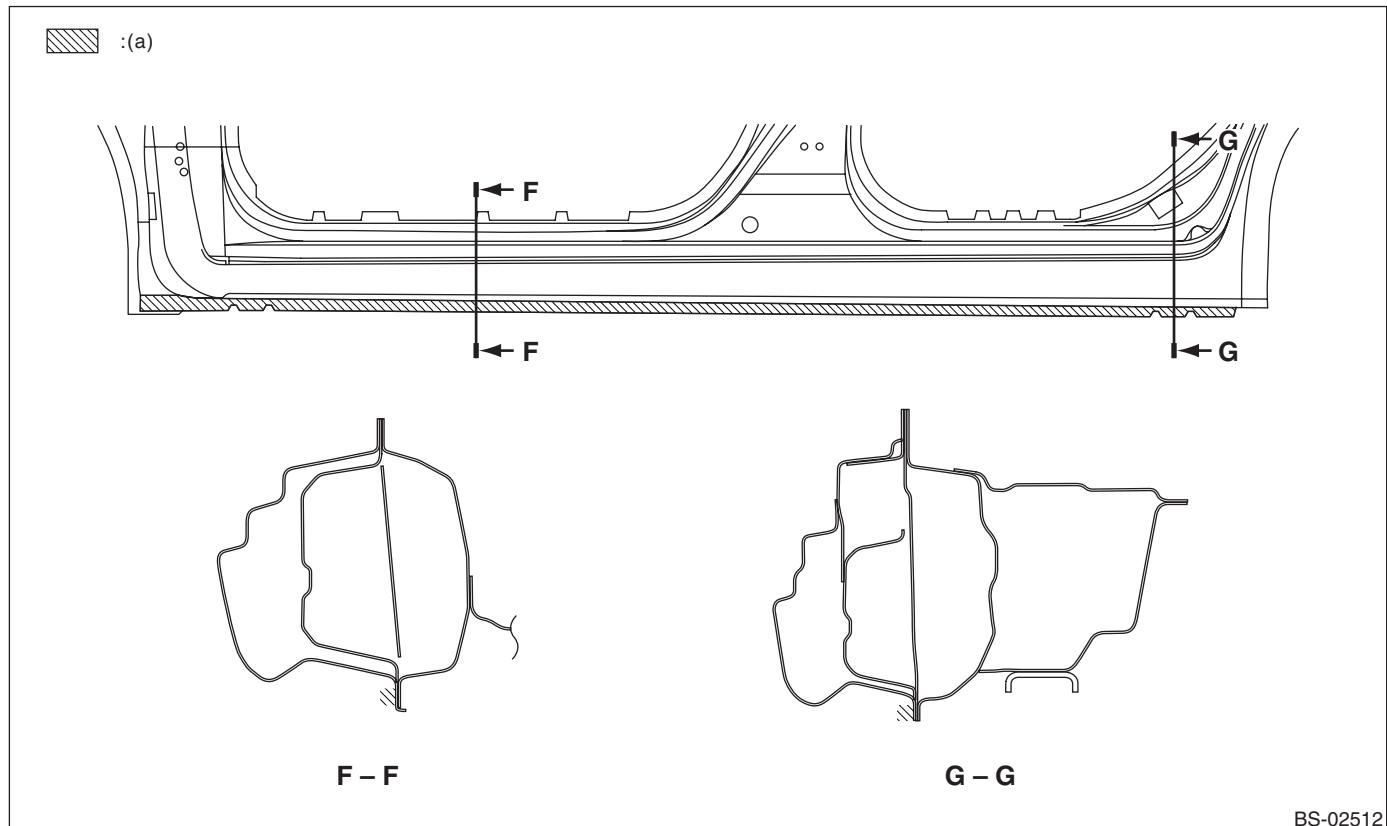
- Jack-up points (Application thickness = 150  $\mu\text{m}$  or more) (Model with side sill spoiler only)  
Apply to the side sill flange part as far as possible from the cut-out of the side sill spoiler.



(a) Rust-stop aerosol

## Anticorrosion Wax

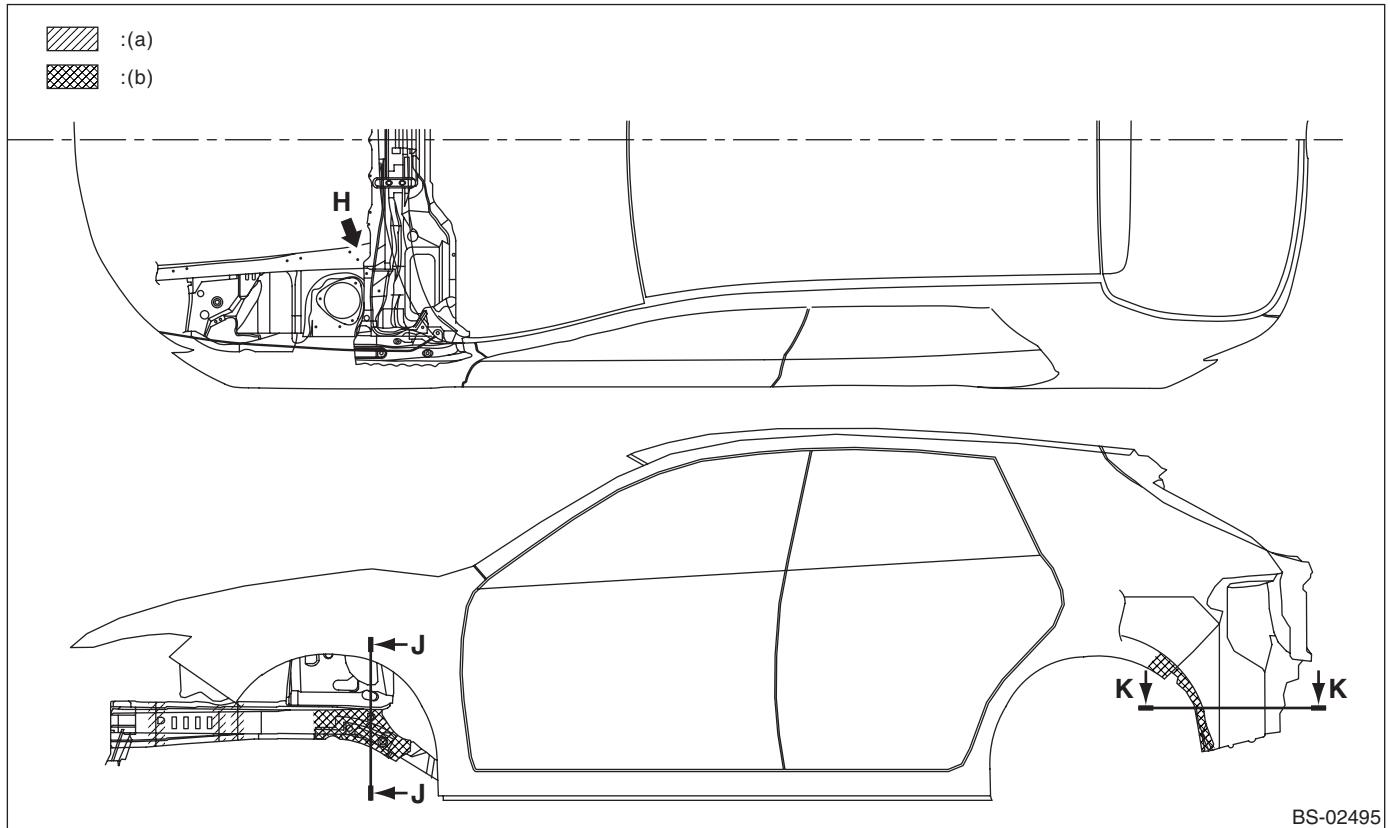
- Side sill (Application thickness = 150  $\mu\text{m}$  or more) (Model without side sill spoiler only)



(a) Rust-stop aerosol

## Anticorrosion Wax

- Overall view



(a) Rust-stop aerosol (Application thickness = 15  $\mu\text{m}$  or more)

(b) Application of rust-stop aerosol to the inside. (Application thickness = 50  $\mu\text{m}$  or more)

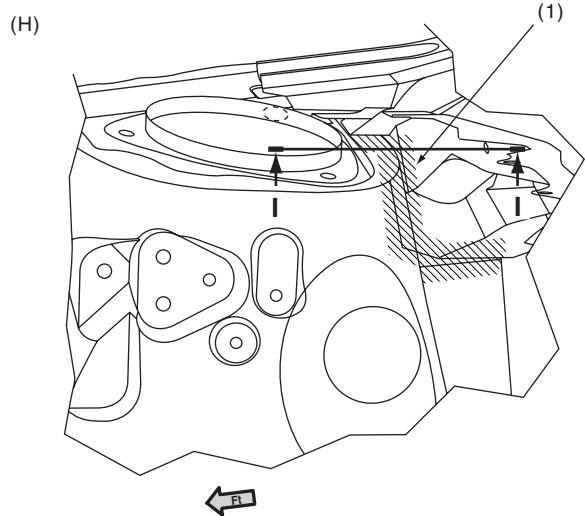
# Anticorrosion Wax

- Views/Cross sections

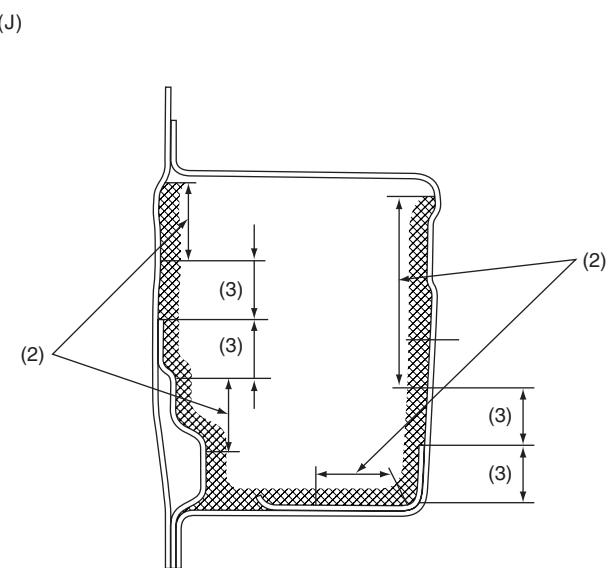
:(a)

:(b)

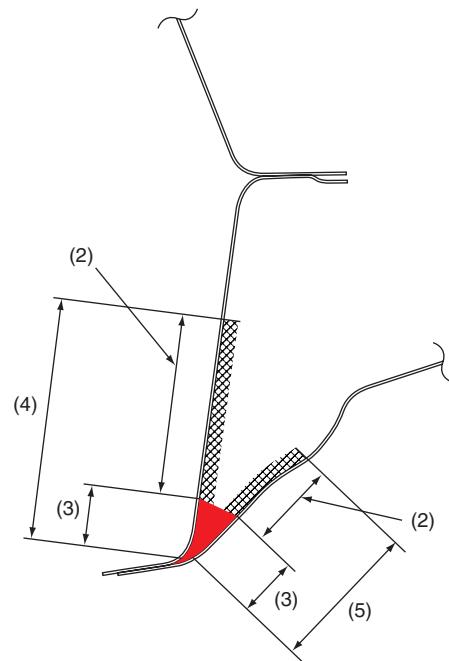
:(c)



(I)



(K)



BS-02554

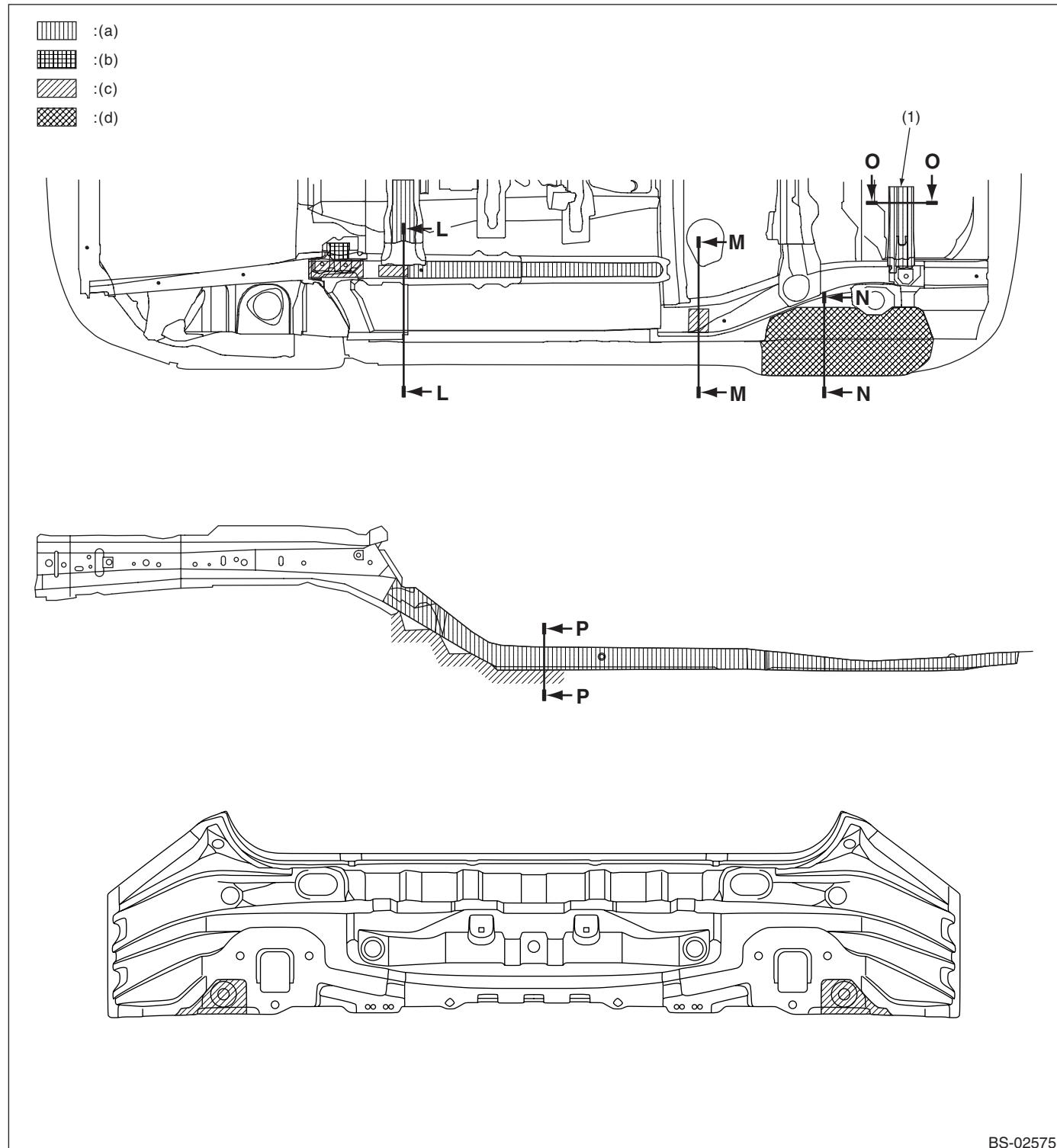
## Anticorrosion Wax

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(a) Rust-stop aerosol (Application thickness = 15 $\mu\text{m}$ or more)	(b) Rust-stop aerosol (Application thickness = 50 $\mu\text{m}$ or more)	(c) To be filled into the plate joint.
(H) View H	(I) Cross section I — I	(J) Cross section J — J
(K) Cross section K — K		
(1) Apply to the contact surface between front bulkhead and front suspension bracket.	(3) 20 mm (0.79 in)	(5) 50 mm (1.97 in)
(2) Adherence of mist is allowable.	(4) 80 mm (3.15 in)	

## Anticorrosion Wax

- Bottom view



(a) Rust-stop aerosol (Application thickness = 20  $\mu\text{m}$  or more, marked parts 50  $\mu\text{m}$  or more)

(b) Rust-stop aerosol (Application thickness = 50  $\mu\text{m}$  or more)

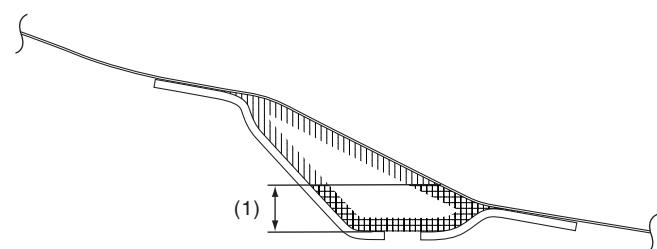
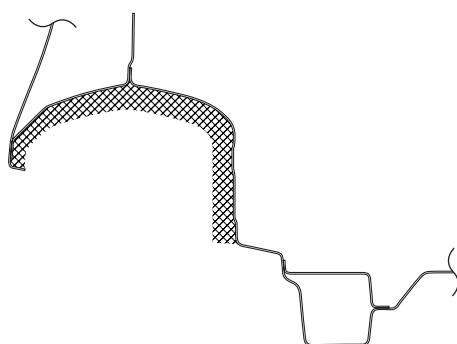
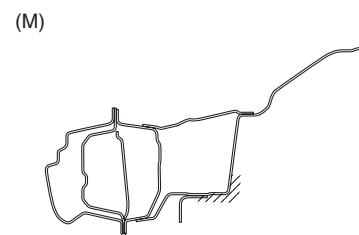
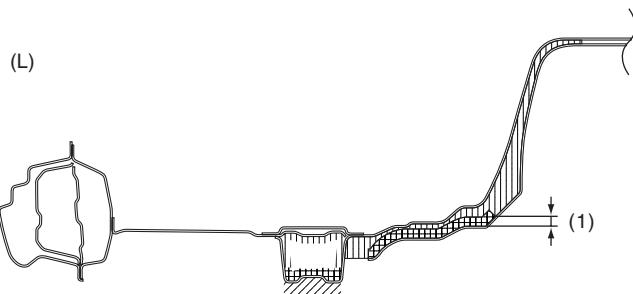
(c) Rust-stop aerosol (Application thickness = 150  $\mu\text{m}$  or more)

(d) Rust-stop aerosol (Application thickness = 300  $\mu\text{m}$  or more)

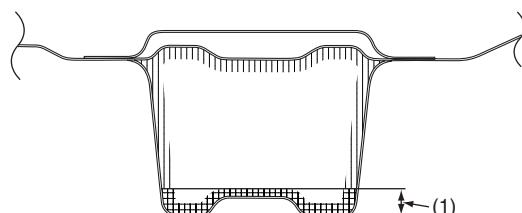
(1) 4 door only

# Anticorrosion Wax

- : (a)
- ▨ : (b)
- ▨▨ : (c)
- ▨▨▨ : (d)



(P)



BS-02576

## Anticorrosion Wax

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(a) Rust-stop aerosol (Application thickness = 20 $\mu\text{m}$ or more)	(c) Rust-stop aerosol (Application thickness = 150 $\mu\text{m}$ or more)	(d) Rust-stop aerosol (Application thickness = 300 $\mu\text{m}$ or more)
(b) Rust-stop aerosol (Application thickness = 50 $\mu\text{m}$ or more)		
(L) Cross section L — L	(M) Cross section M — M	(N) Cross section N — N
(O) Cross section O — O	(P) Cross section P — P	
(1) 10 mm (0.39 in)		

## 10.Undercoat

### A: SPECIFICATION

Repair material: **THREE BOND 6115**

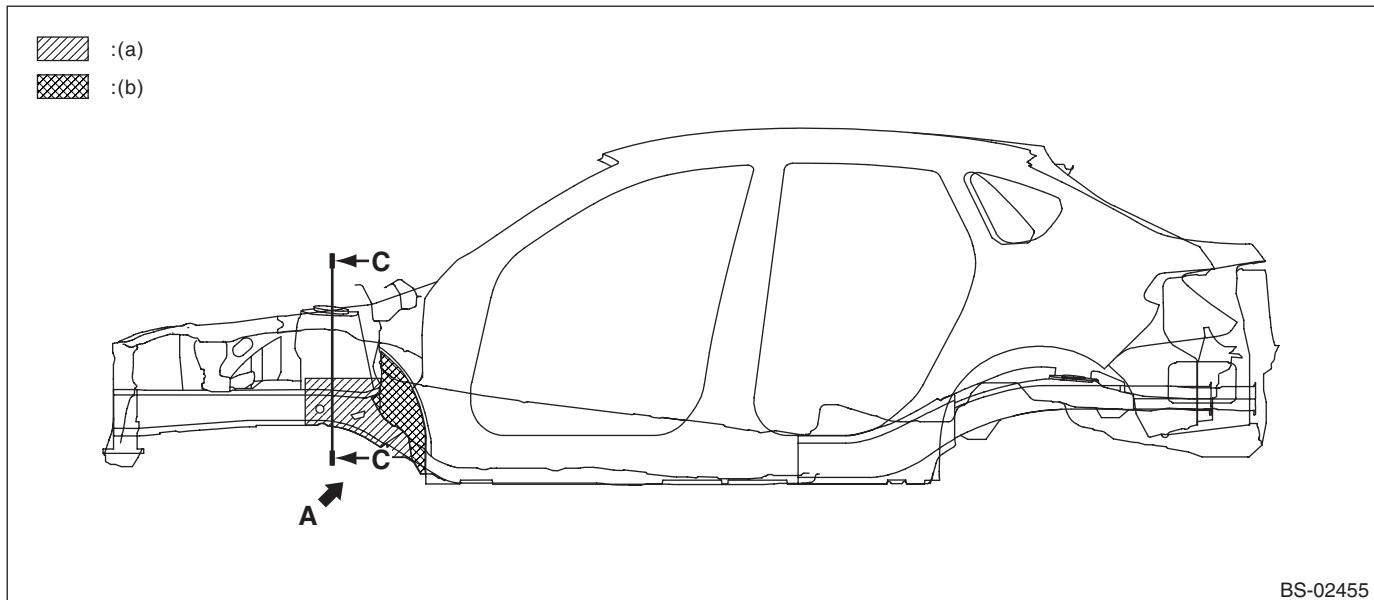
1) Perform masking so that under the coat will not become attached to locations other than shown and to the following locations.

- High-temperature parts related to the exhaust pipe
- Hoses, tubes, and harness parts
- Installation surfaces of rear suspension, transmission, subframe, mud guard etc.

2) Application area and application thickness

	300 $\mu\text{m}$ or more
	600 $\mu\text{m}$ or more
	600 $\mu\text{m}$ or more. The panel gap shall be filled.

- Side view

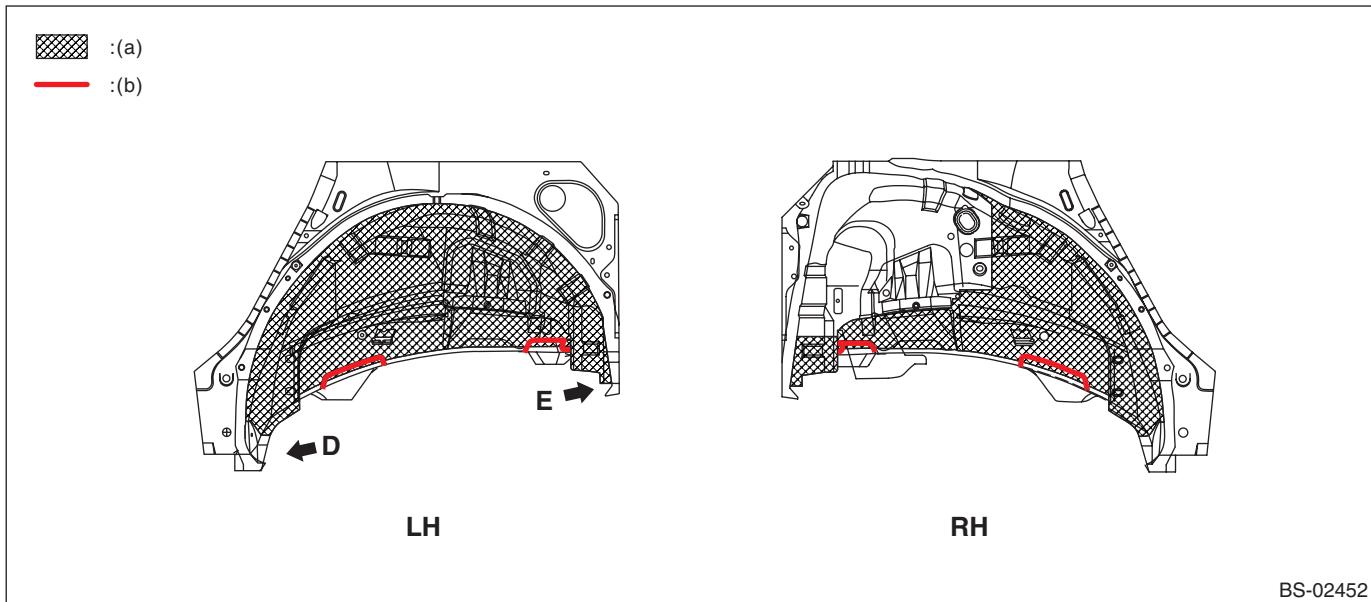


(a) 300  $\mu\text{m}$  or more

(b) 600  $\mu\text{m}$  or more

## Undercoat

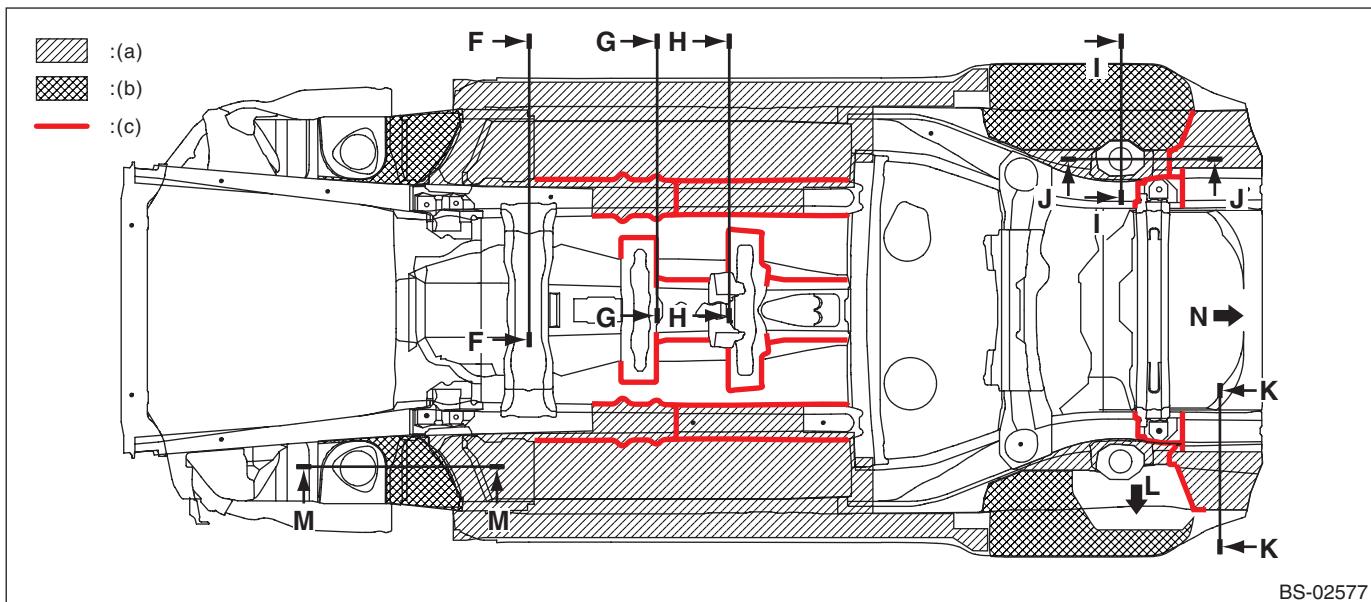
- Rear wheel apron side view



(a) 600  $\mu\text{m}$  or more

(b) 600  $\mu\text{m}$  or more. The panel gap shall be filled.

- Special 5 door parts and common parts for 5 door and 4 door bottom view



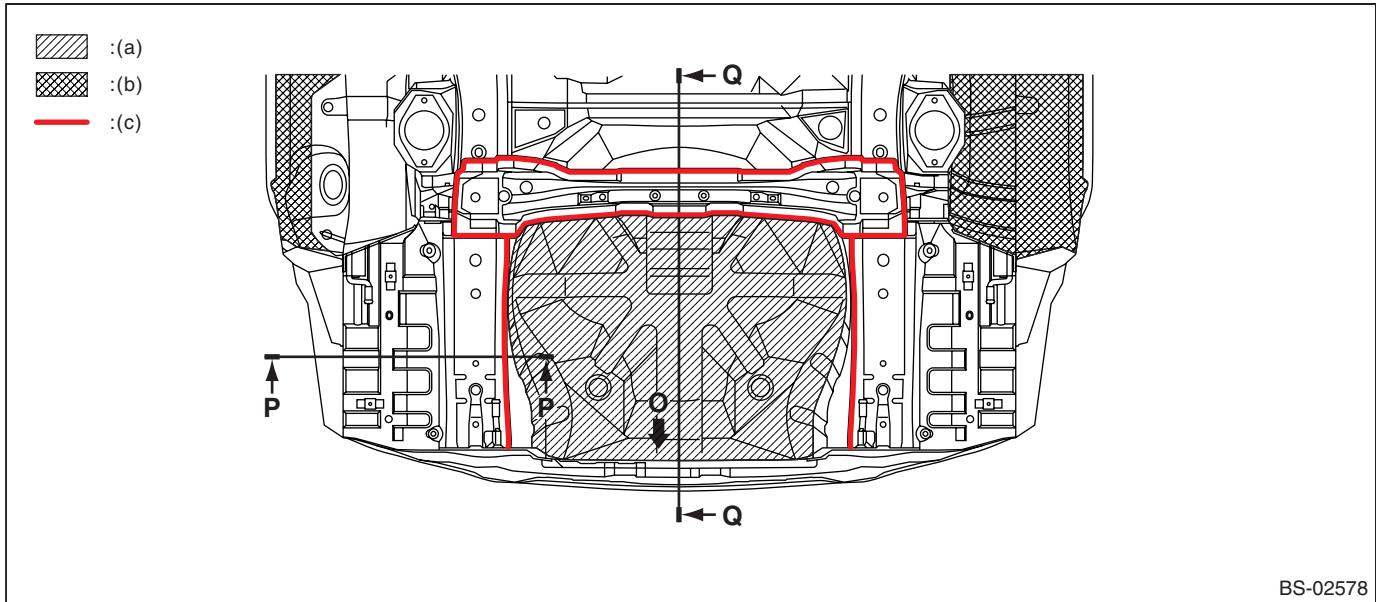
(a) 300  $\mu\text{m}$  or more

(b) 600  $\mu\text{m}$  or more

(c) 600  $\mu\text{m}$  or more. The panel gap shall be filled.

## Undercoat

- Special 4 door parts bottom view

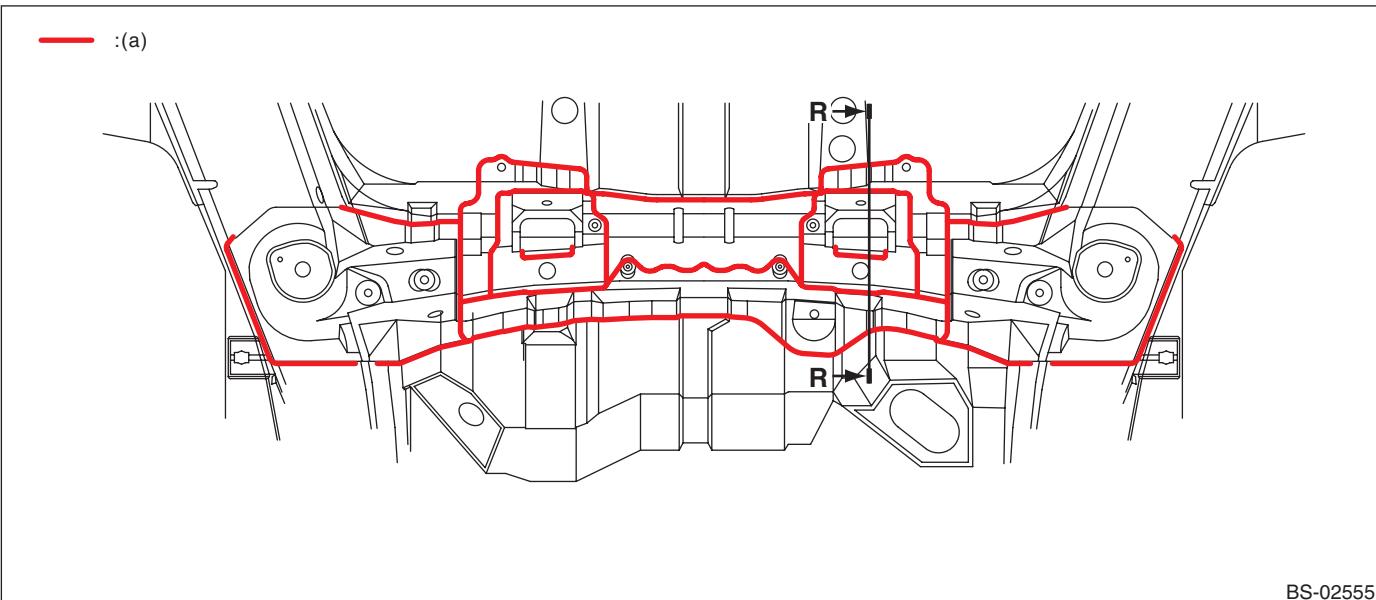


(a) 300  $\mu\text{m}$  or more

(b) 600  $\mu\text{m}$  or more

(c) 600  $\mu\text{m}$  or more. The panel gap shall be filled.

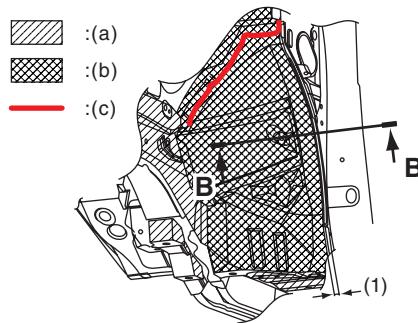
- Cross member mounting part lower bottom view



(a) 600  $\mu\text{m}$  or more. The panel gap shall be filled.

# Undercoat

## View A

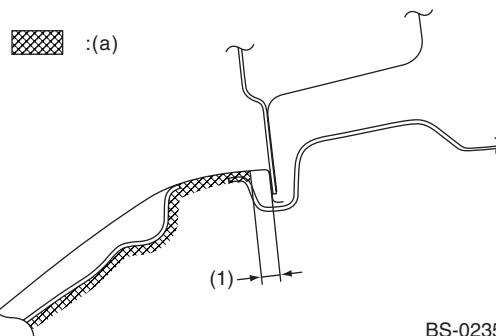


(a) 300  $\mu\text{m}$  or more  
 (b) 600  $\mu\text{m}$  or more  
 (c) 600  $\mu\text{m}$  or more. The panel gap shall be filled.

(1) 10 mm (0.39 in)

BS-02361

## View B — B

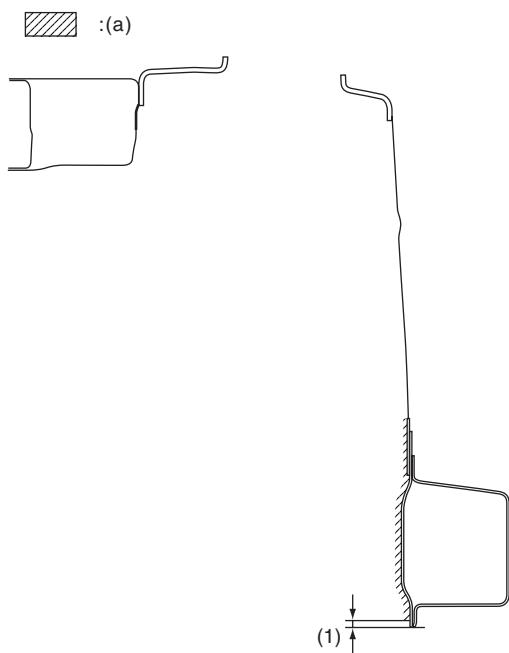


(a) 600  $\mu\text{m}$  or more

(1) 10 mm (0.39 in)

BS-02356

## Cross section C — C

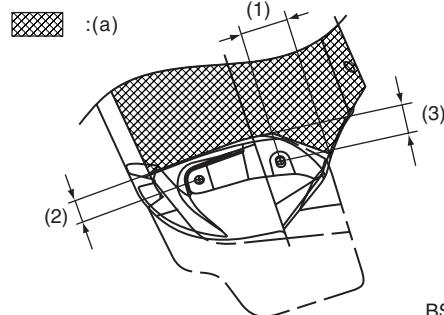


(a) 300  $\mu\text{m}$  or more

(1) 5 mm (0.20 in)

BS-02347

## View D



(a) 600  $\mu\text{m}$  or more

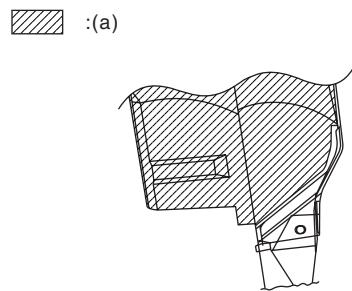
(1) 50 mm (1.97 in)

(2) 25 mm (0.98 in)

(3) 30 mm (1.18 in)

BS-02358

## View E



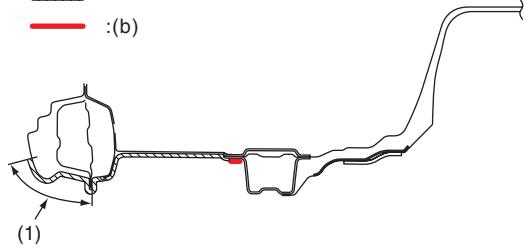
(a) 300  $\mu\text{m}$  or more

BS-02357

# Undercoat

## Cross section F — F

:(a)  
:(b)



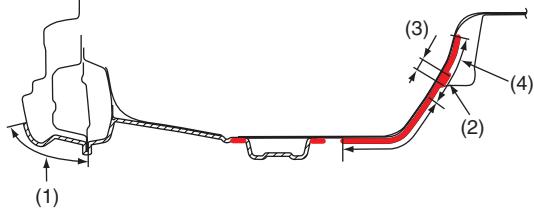
BS-02501

(a) 300  $\mu\text{m}$  or more  
 (b) 600  $\mu\text{m}$  or more. The panel gap shall be filled.

(1) Model without side sill spoiler only

## Cross section H — H

:(a)  
:(b)



BS-02503

(a) 300  $\mu\text{m}$  or more  
 (b) 600  $\mu\text{m}$  or more. The panel gap shall be filled.

(1) Model without side sill spoiler only  
 (2) The plate joint shall be covered.  
 (3) 20 mm (0.79 in) or more  
 (4) FF model only

## Cross section J — J

:(a)

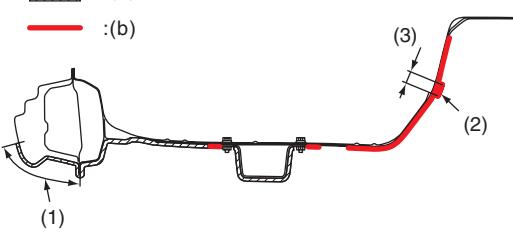


BS-02353

(a) 300  $\mu\text{m}$  or more

## Cross section G — G

:(a)  
:(b)



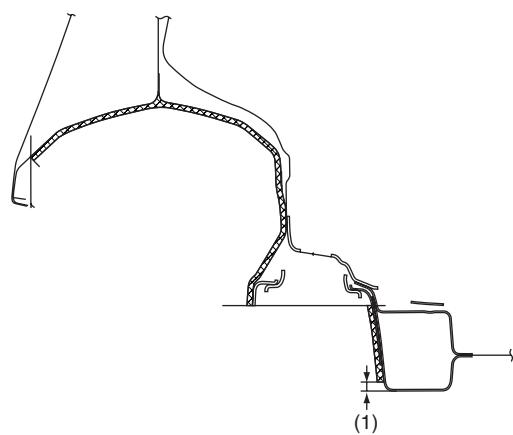
BS-02502

(a) 300  $\mu\text{m}$  or more  
 (b) 600  $\mu\text{m}$  or more. The panel gap shall be filled.

(1) Model without side sill spoiler only  
 (2) The plate joint shall be covered.  
 (3) 20 mm (0.79 in) or more

## Cross section I — I

:(a)



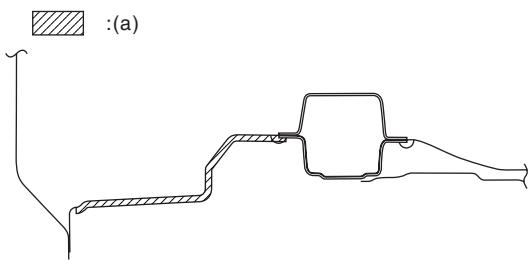
BS-02354

(a) 600  $\mu\text{m}$  or more

(1) 10 mm (0.39 in)

# Undercoat

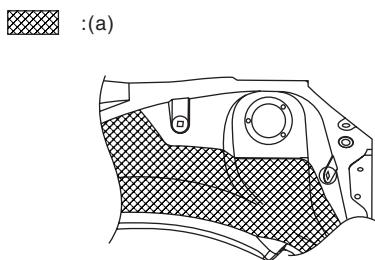
**Cross section K — K**



(a) 300  $\mu\text{m}$  or more

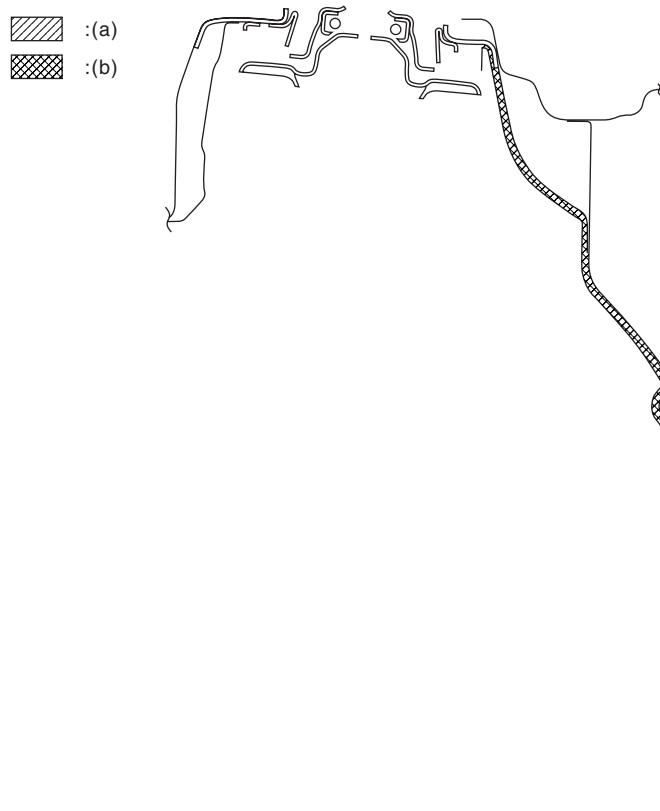
BS-02460

**View L**



BS-02360

**Cross section M — M**



(a) 300  $\mu\text{m}$  or more

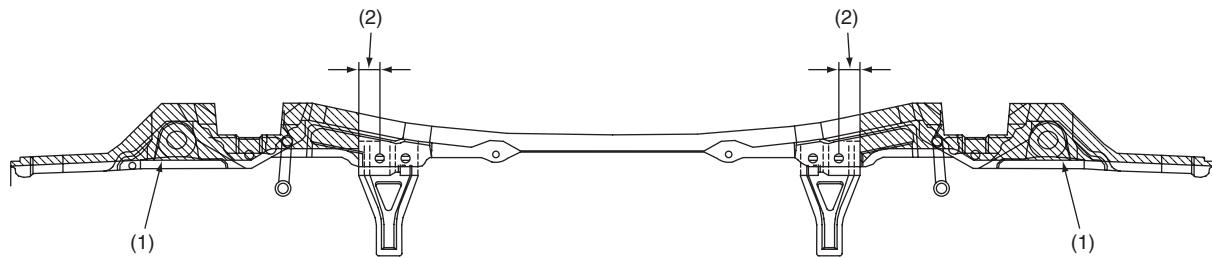
(b) 600  $\mu\text{m}$  or more

BS-02348

# Undercoat

## View N

 : (a)



BS-02359

(a) 300  $\mu\text{m}$  or more

(1) 10 mm (0.39 in)

(2) 25 mm (0.98 in)

## View O

 : (a)



BS-02579

(a) 300  $\mu\text{m}$  or more

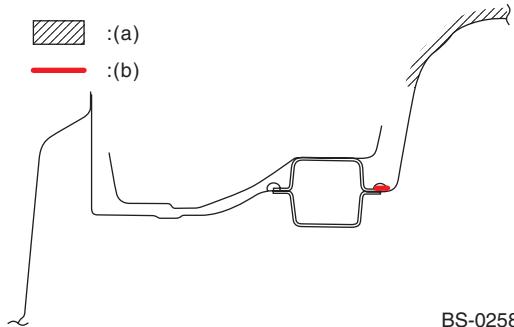
(1) 10 mm (0.39 in)

(2) 25 mm (0.98 in)

## Undercoat

### Cross section P — P

:(a)  
:(b)

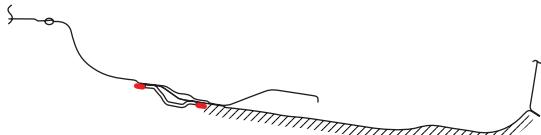


BS-02581

(a) 300  $\mu\text{m}$  or more  
(b) 600  $\mu\text{m}$  or more. The panel gap shall be filled.

### Cross section Q — Q

:(a)  
:(b)

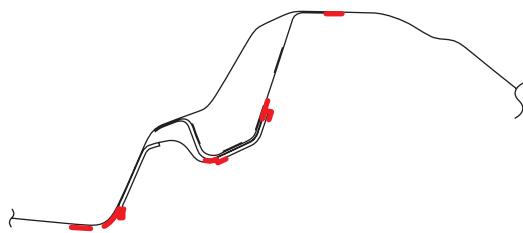


BS-02580

(a) 300  $\mu\text{m}$  or more  
(b) 600  $\mu\text{m}$  or more. The panel gap shall be filled.

### Cross section R — R

:(a)



BS-02500

(a) 600  $\mu\text{m}$  or more. The panel gap shall be filled.

**SUBARU.**

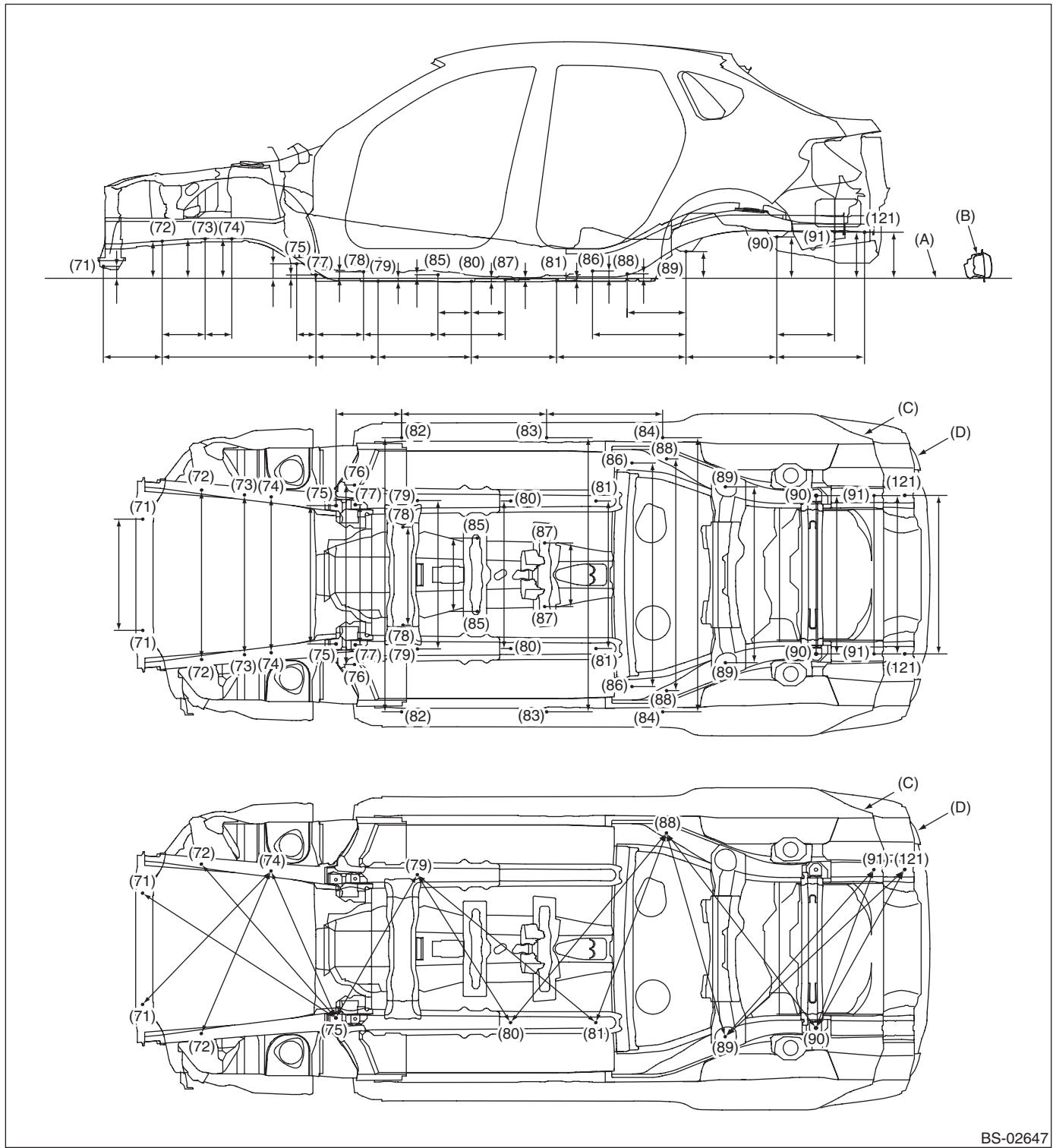
# Body Reference Points

## 11. Body Reference Points

### A: DIMENSIONS

#### 1. LOWER SURFACE

Unit: mm



BS-02647

## Body Reference Points

- The longitudinal dimensions are projected dimensions.
- The height dimensions are the vertical distances from the gauge point on the assumed horizontal line through the side sill flange joint (bending angle point).
- Diagonal dimensions are the actual dimensions between reference points, and projected dimensions are provided for reference.

(A) Standard line  
 (B) Side sill outer panel

(C) 5 door

(D) 4 door

(71) Front bumper bracket mounting hole (symmetrical)	(79) Under cover mounting hole (symmetrical)	(87) Exhaust cover mounting hole (symmetrical)
(72) Radio ground mounting hole (symmetrical)	(80) Under cover mounting hole (symmetrical)	(88) Rear suspension support frame mounting hole (symmetrical)
(73) Front crossmember mounting hole (symmetrical), front	(81) Under cover mounting hole (symmetrical)	(89) Rear suspension crossmember mounting hole (symmetrical)
(74) Front crossmember mounting hole (symmetrical), rear	(82) Side spoiler mounting hole (symmetrical)	(90) Rear suspension crossmember mounting hole (symmetrical)
(75) Front suspension arm mounting hole (symmetrical)	(83) Side spoiler mounting hole (symmetrical)	(91) Gauge hole (symmetrical)
(76) Front suspension plate mounting hole (symmetrical), outer side	(84) Side spoiler mounting hole (symmetrical)	(121) Gauge hole (symmetrical)
(77) Front suspension plate mounting hole (symmetrical), inner side	(85) Gauge hole (symmetrical)	
(78)R AT crossmember mounting hole	(86) Rear tie-down hook mounting hole (symmetrical)	

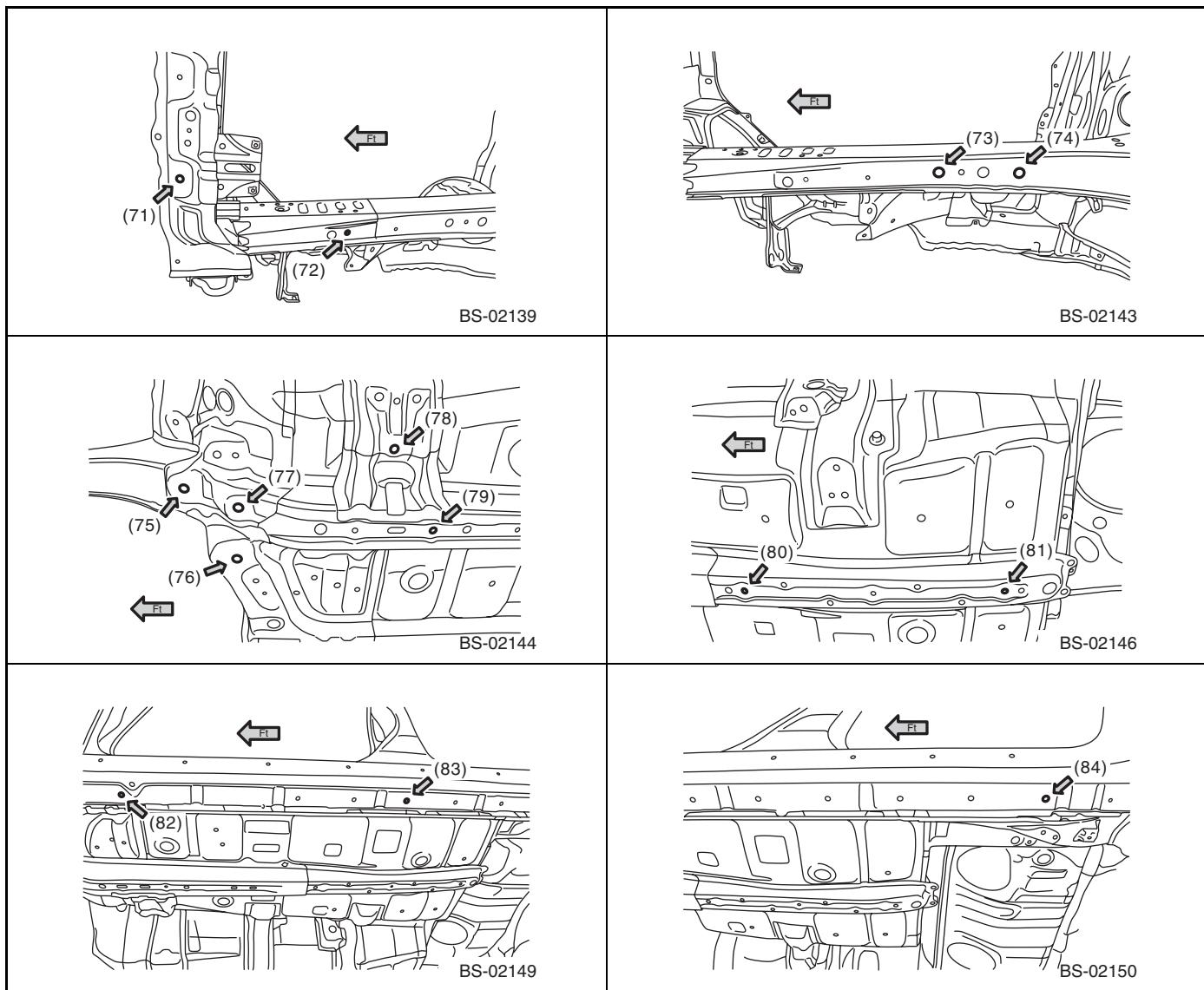
Datum line	Datum dimension mm (in)	Projected dimensions for reference mm (in)
Datum line — (71)	64 (2.52)	—
Datum line — (72)	200 (7.87)	—
Datum line — (73)	213 (8.39)	—
Datum line — (74)	213 (8.39)	—
Datum line — (75)	77 (3.03)	—
Datum line — (77)	17 (0.67)	—
Datum line — (78)	34 (1.34)	—
Datum line — (79)	-15 (-0.59)	—
Datum line — (80)	-18 (-0.71)	—
Datum line — (81)	-15 (-0.59)	—
Datum line — (85)	18 (0.71)	—
Datum line — (86)	40 (1.57)	—
Datum line — (87)	-8 (-0.31)	—
Datum line — (88)	24 (0.94)	—
Datum line — (89)	144 (5.67)	—
Datum line — (90)	223 (8.78)	—
Datum line — (91)	249 (9.80)	—
Datum line — (121)	248 (9.76)	—
(71) — (72)	317 (12.48)	—
(72) — (73)	232 (9.13)	—
(72) — (77)	830 (32.68)	—
(73) — (74)	144 (5.67)	—
(75) — (77)	104 (4.09)	—
(75) — (82)	354 (13.94)	—
(77) — (78)	257 (10.12)	—
(77) — (79)	335 (13.19)	—

Datum line	Datum dimension mm (in)	Projected dimensions for reference mm (in)
(78) — (85)	402 (15.83)	—
(79) — (80)	503 (19.80)	—
(80) — (81)	460 (18.11)	—
(80) — (85)	180 (7.09)	—
(80) — (87)	183 (7.20)	—
(85) — (87)	363 (14.29)	—
(81) — (89)	698 (27.48)	—
(82) — (83)	783 (30.83)	—
(83) — (84)	626 (24.65)	—
(86) — (89)	504 (19.84)	—
(88) — (89)	317 (12.48)	—
(89) — (90)	490 (19.29)	—
(90) — (91)	312 (12.28)	—
(90) — (121)	475 (18.70)	—
(71)RH — (71)LH	600 (23.62)	—
(72)RH — (72)LH	914 (35.98)	—
(73)RH — (73)LH	862 (33.94)	—
(74)RH — (74)LH	840 (33.07)	—
(75)RH — (75)LH	746 (29.37)	—
(76)RH — (76)LH	968 (38.11)	—
(77)RH — (77)LH	756 (29.76)	—
(78)RH — (78)LH	529 (20.83)	—
(79)RH — (79)LH	800 (31.50)	—
(80)RH — (80)LH	796 (31.34)	—
(81)RH — (81)LH	796 (31.34)	—
(82)RH — (82)LH	1,478 (58.19)	—

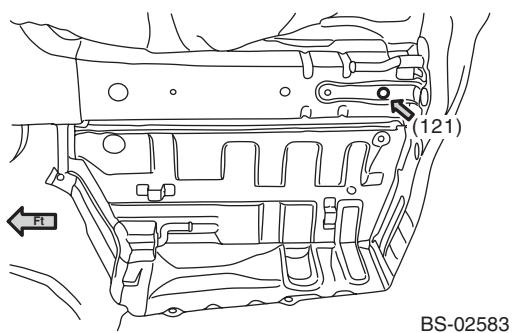
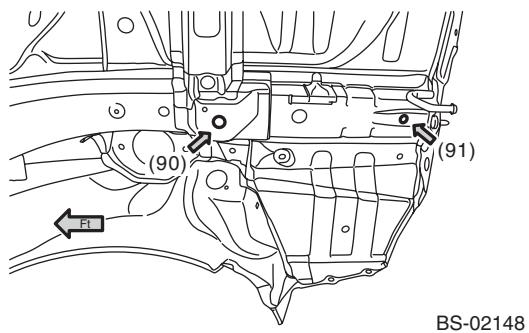
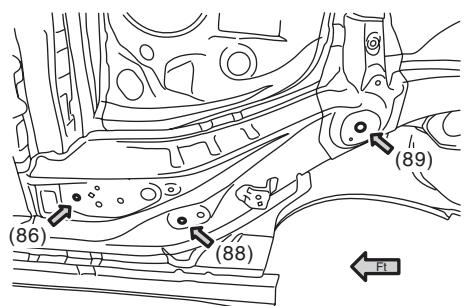
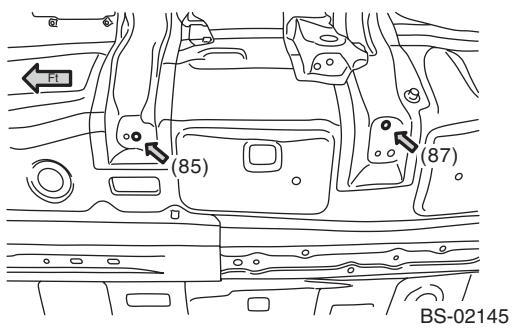
## Body Reference Points

Datum line	Datum dimension mm (in)	Projected dimensions for reference mm (in)
(83)RH — (83)LH	1,478 (58.19)	—
(84)RH — (84)LH	1,478 (58.19)	—
(85)RH — (85)LH	396 (15.59)	—
(86)RH — (86)LH	1,206 (47.48)	—
(87)RH — (87)LH	344 (13.54)	—
(88)RH — (88)LH	1,250 (49.21)	—
(89)RH — (89)LH	948 (37.32)	—
(90)RH — (90)LH	854 (33.62)	—
(91)RH — (91)LH	854 (33.62)	—
(121)RH — (121)LH	854 (33.62)	—
(71)RH — (74)LH	1,010 (39.76)	999 (39.33)
(71)LH — (75)RH	1,241 (48.86)	1,241 (48.86)
(72)RH — (74)LH	954 (37.56)	954 (37.56)

Datum line	Datum dimension mm (in)	Projected dimensions for reference mm (in)
(72)LH — (75)RH	1,109 (43.66)	1,103 (43.43)
(74)LH — (75)RH	877 (34.53)	867 (34.13)
(75)RH — (79)LH	894 (35.20)	889 (35.00)
(79)LH — (80)RH	943 (37.13)	943 (37.13)
(79)LH — (81)RH	1,251 (49.25)	1,251 (49.25)
(80)RH — (88)LH	1,325 (52.17)	1,324 (52.13)
(81)RH — (88)LH	1,092 (42.99)	1,092 (42.99)
(88)LH — (89)RH	1,150 (45.28)	1,144 (45.04)
(88)LH — (90)RH	1,341 (52.80)	1,326 (52.20)
(89)RH — (91)LH	1,211 (47.68)	1,206 (47.48)
(90)RH — (91)LH	910 (35.83)	909 (35.79)
(89)RH — (121)LH	1,324 (52.13)	1,320 (51.97)
(90)RH — (121)LH	978 (38.50)	977 (38.46)



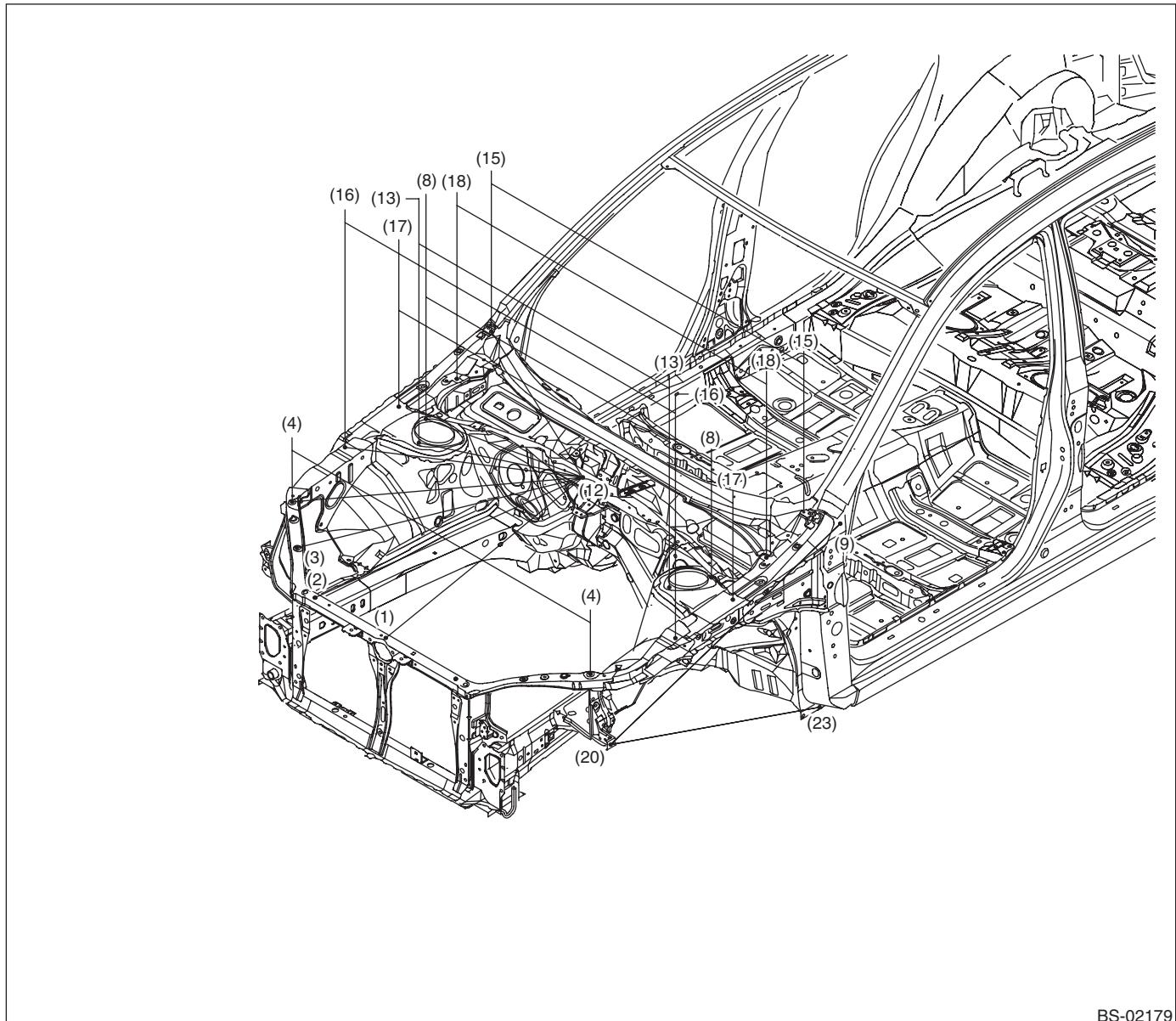
## Body Reference Points



# Body Reference Points

## 2. FRONT 1

### • Common parts for 5 door and 4 door



BS-02179

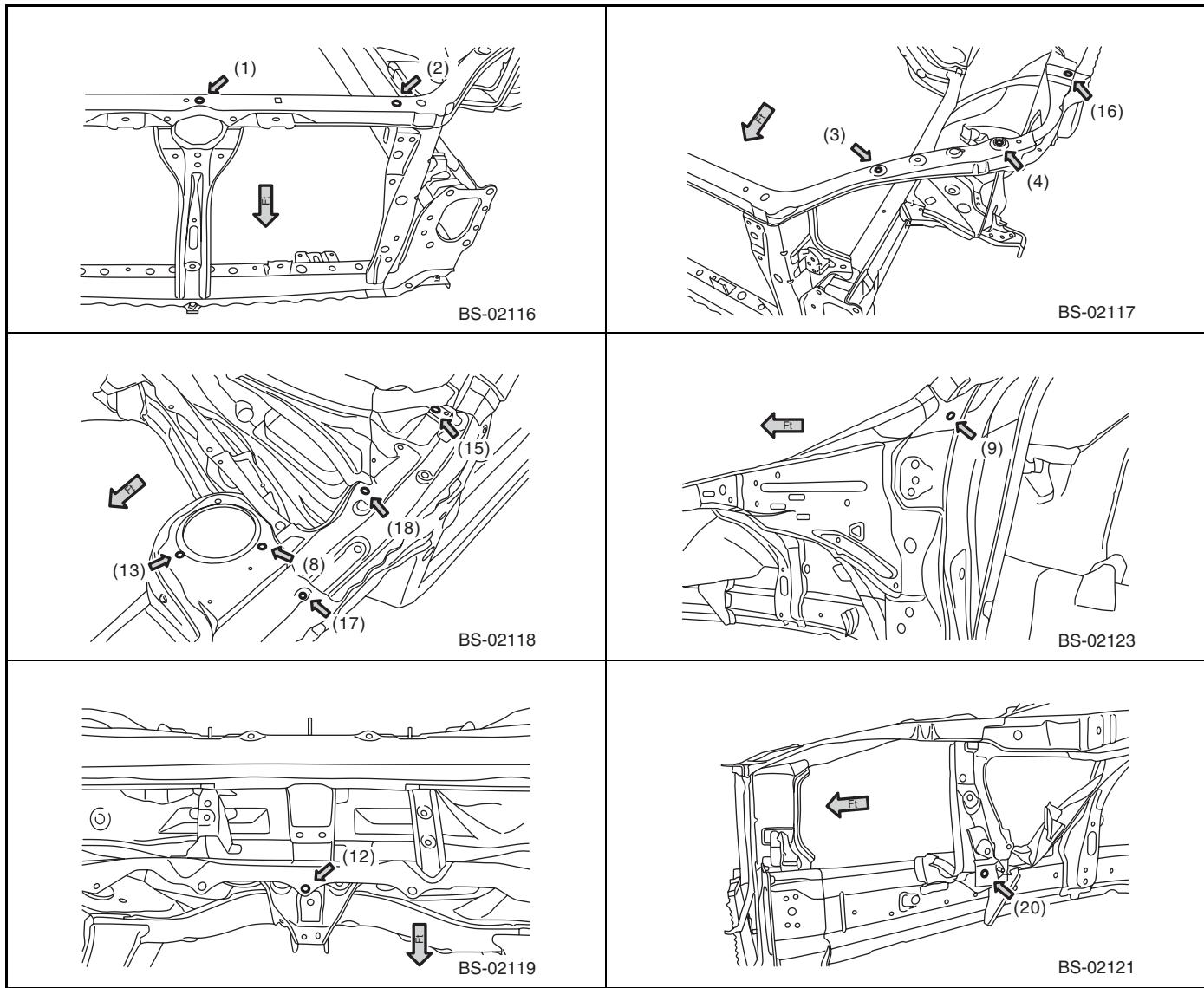
(1) Repair location hole (body center)	(9) Fender mounting hole (symmetrical)	(17) Fender mounting hole (symmetrical)
(2) Radiator mounting hole (symmetrical)	(12) Cowl panel mounting hole (body center)	(18) Hood hinge mounting hole (symmetrical)
(3) Headlight mounting hole (symmetrical)	(13) Front suspension mounting hole (symmetrical), front	(20) Fender mounting hole (symmetrical)
(4) Fender mounting hole (symmetrical)	(15) Fender mounting hole (symmetrical)	(23) Fender mounting hole (symmetrical)
(8) Front suspension mounting hole (symmetrical), rear outside	(16) Fender mounting hole (symmetrical)	

## Body Reference Points

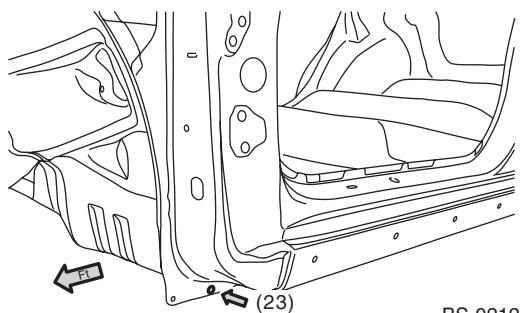
Measuring point	Datum dimension mm (in)
(1) — (12)	886 (34.88)
(2) — (12)	941 (37.05)
(3) — (12)	920 (36.22)
(4) — (4)	1,314 (51.73)
(4) — (12)	913 (35.94)
(8) — (8)	1,258 (49.53)
(8) — (12)	635 (25.00)
(9) — (20)	1,066 (41.97)
(12) — (13)	580 (22.83)

Measuring point	Datum dimension mm (in)
(12) — (15)	748 (29.45)
(12) — (16)	800 (31.50)
(13) — (13)	1,103 (43.43)
(15) — (15)	1,377 (54.21)
(16) — (16)	1,456 (57.32)
(17) — (17)	1,472 (57.95)
(18) — (18)	1,364 (53.70)
(20) — (23)	1,032 (40.63)

- The reference points (1) and (12) are at the body center, while the other reference points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.



## Body Reference Points

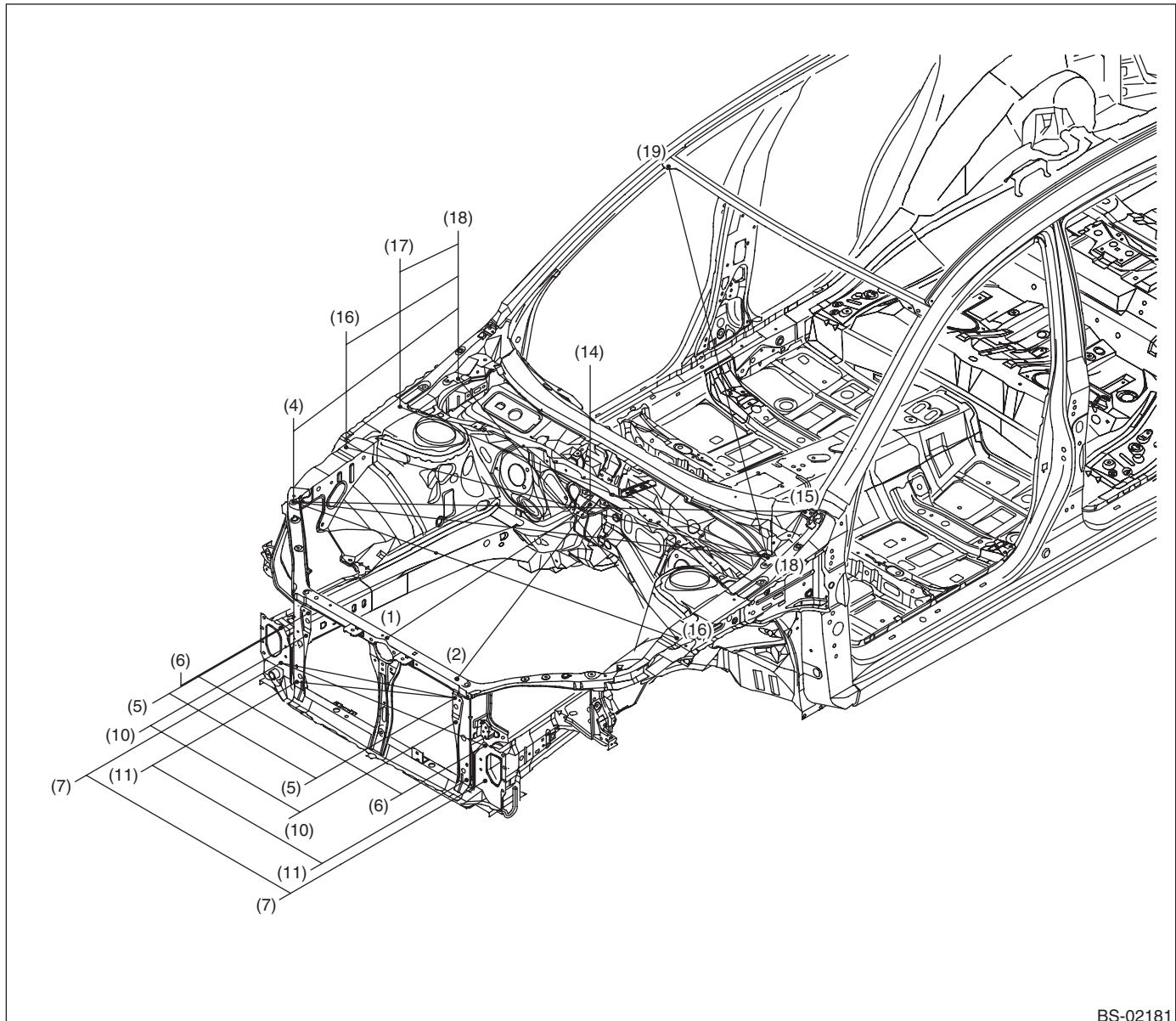


SUBARU.

## Body Reference Points

### 3. FRONT 2

- Common parts for 5 door and 4 door



BS-02181

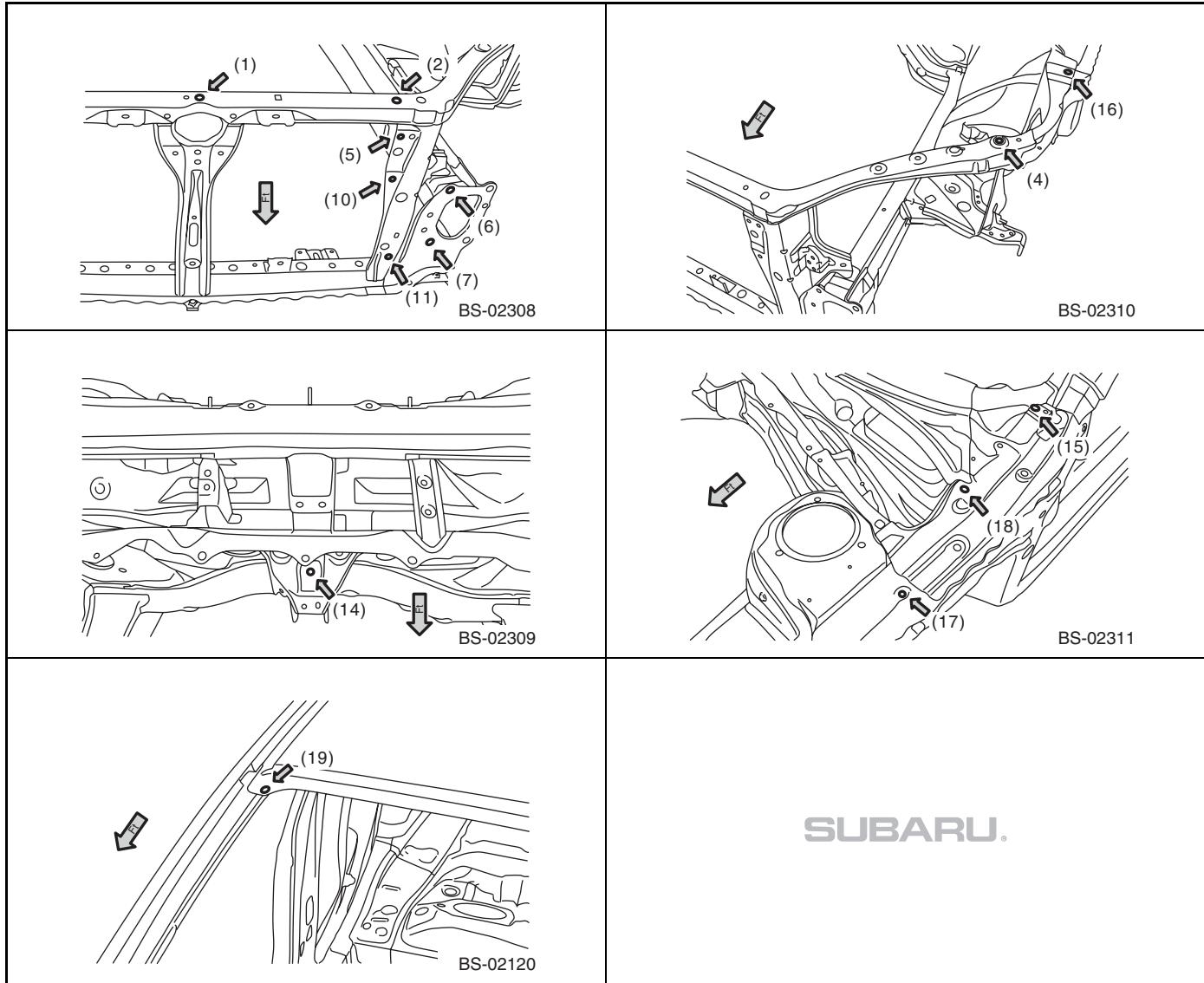
(1) Repair location hole (body center)	(7) Front bumper beam mounting hole (symmetrical), lower side	(16) Fender mounting hole (symmetrical)
(2) Radiator mounting hole (symmetrical)	(10) Headlight bracket mounting hole (symmetrical)	(17) Fender mounting hole (symmetrical)
(4) Fender mounting hole (symmetrical)	(11) Front bumper bracket mounting hole (symmetrical)	(18) Hood hinge mounting hole (symmetrical)
(5) Headlight mounting hole (symmetrical)	(14) Weight reduction hole (body center)	(19) Front glass installation reference hole (symmetrical)
(6) Front bumper beam mounting hole (symmetrical), upper side	(15) Fender mounting hole (symmetrical)	

## Body Reference Points

Measuring point	Datum dimension mm (in)
(1) — (14)	897 (35.31)
(2) — (14)	951 (37.44)
(4) — (15)	1,634 (64.33)
(4) — (16)	1,418 (55.83)
(4) R — (18) R	755 (29.72)
(4) R — (18) L	1,537 (60.51)
(5) — (5)	646 (25.43)
(5) — (7)	814 (32.05)
(5) — (11)	754 (29.68)
(6) — (6)	900 (35.43)

Measuring point	Datum dimension mm (in)
(6) — (7)	910 (35.83)
(7) — (7)	900 (35.43)
(10) — (10)	660 (25.98)
(11) — (11)	748 (29.45)
(16) R — (18) R	453 (17.83)
(16) R — (18) L	1,480 (58.27)
(17) R — (18) R	211 (8.31)
(17) R — (18) L	1,433 (56.42)
(18) — (19)	1,543 (60.75)

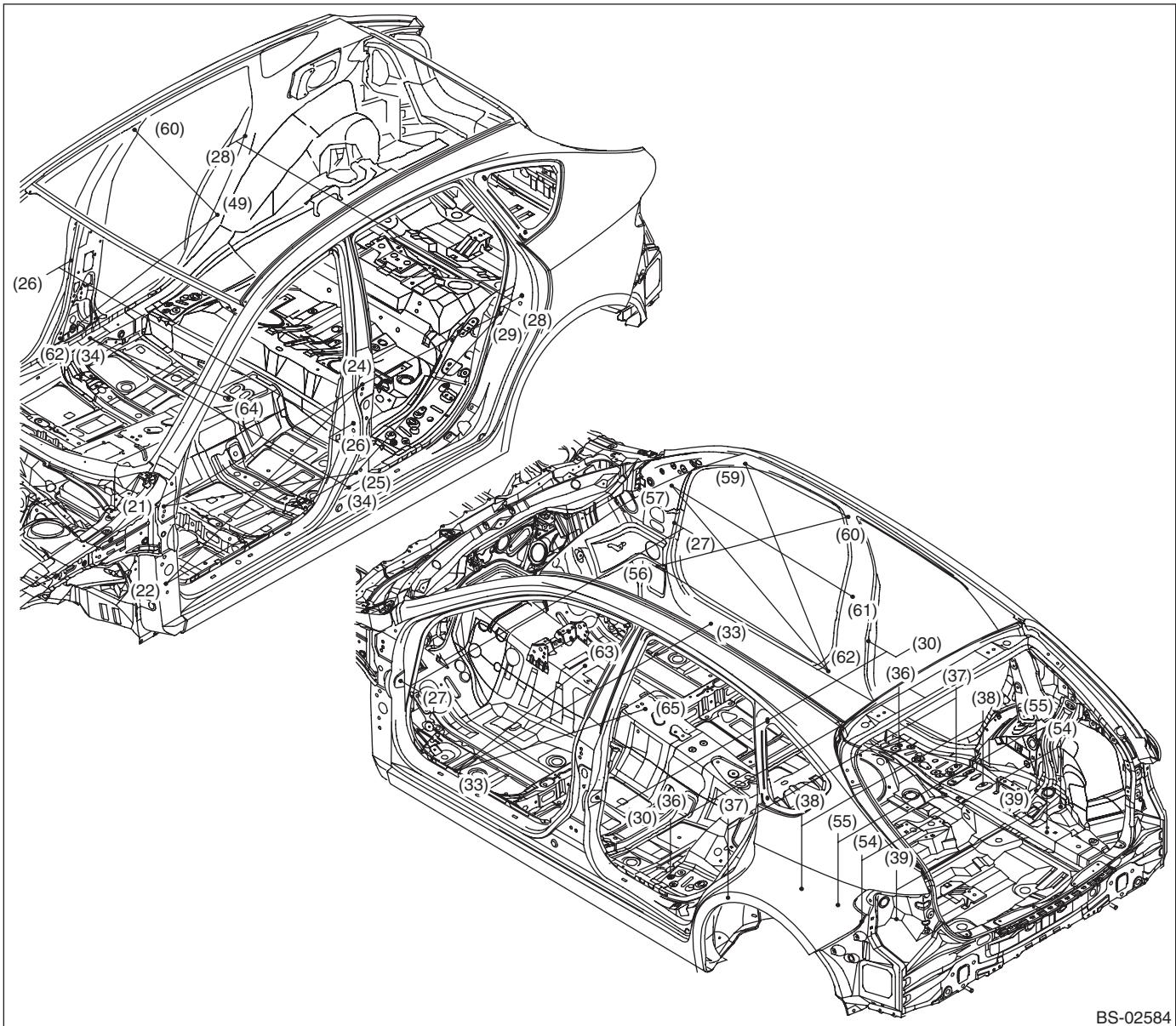
- The reference points (1) and (14) are at the body center, while the other reference points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.



## Body Reference Points

#### 4. INSIDE 1

- Common parts for 5 door and 4 door



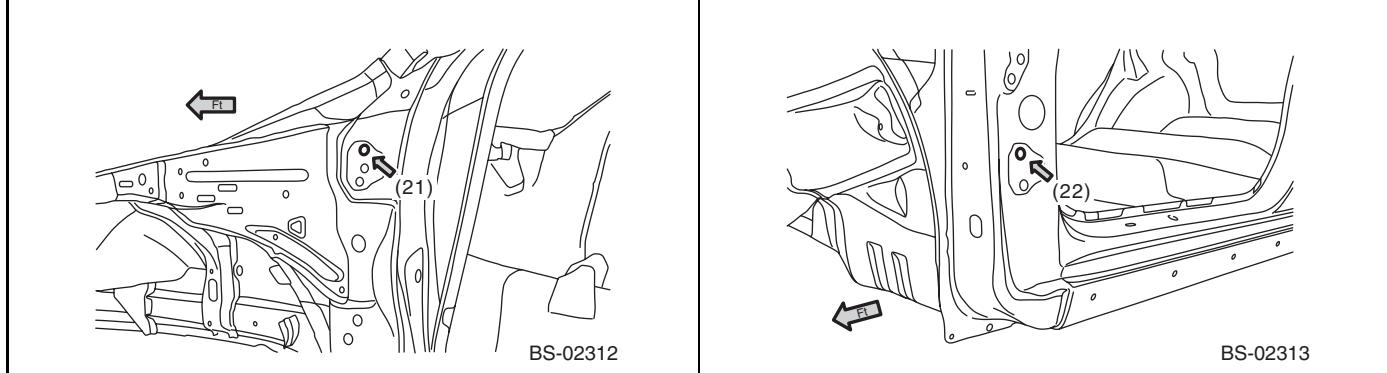
## Body Reference Points

(21) Front door hinge upper mounting hole (symmetrical), upper side	(33) Harness clip mounting hole (symmetrical)	(56) Harness connectors mounting hole (symmetrical)
(22) Front door hinge lower mounting hole (symmetrical), upper side	(34) Harness clip mounting hole (symmetrical)	(57) Steering beam mounting hole (symmetrical)
(24) Rear door hinge upper mounting hole (symmetrical), upper side	(36) Gauge hole (symmetrical)	(59) Front curtain airbag mounting hole (symmetrical)
(25) Rear door hinge lower mounting hole (symmetrical), front	(37) Trim clip mounting hole (symmetrical)	(60) Center curtain airbag mounting hole (symmetrical)
(26) Front door striker mounting hole (symmetrical), upper side	(38) Rear seat hinge mounting hole (symmetrical)	(61) Gauge hole (symmetrical)
(27) Front door checker mounting hole (symmetrical)	(39) Canister cover mounting hole (symmetrical)	(62) Trim clip mounting hole (symmetrical)
(28) Rear door striker mounting hole (symmetrical), upper side	(49) Trim clip mounting hole (symmetrical)	(63) Airbag ECU mounting hole (body center)
(29) Rear door switch mounting hole (symmetrical)	(54) Rear suspension mounting hole (symmetrical), rear	(64) Hand brake cable mounting hole (body center)
(30) Rear door checker mounting hole (symmetrical)	(55) Rear suspension mounting hole (symmetrical), front	(65) Hand brake mounting hole (body center)

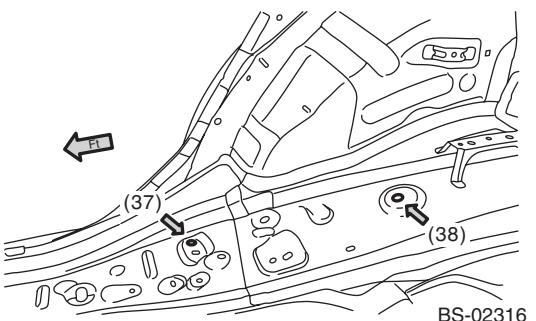
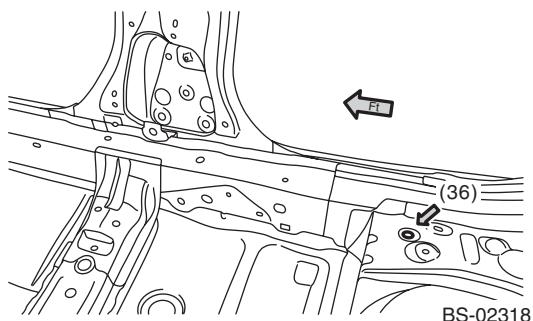
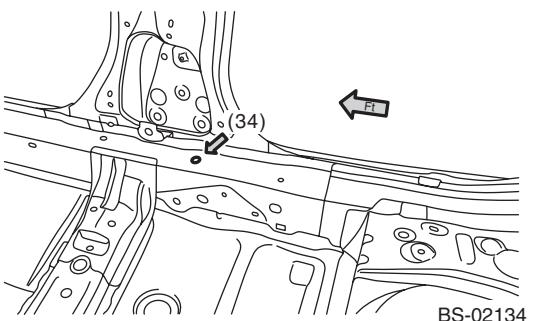
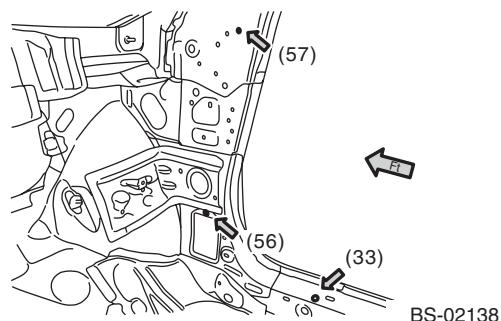
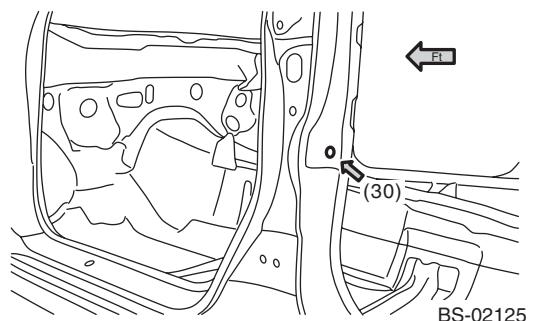
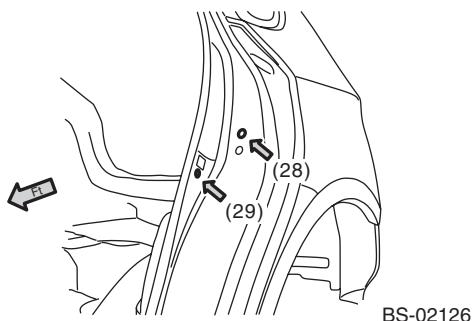
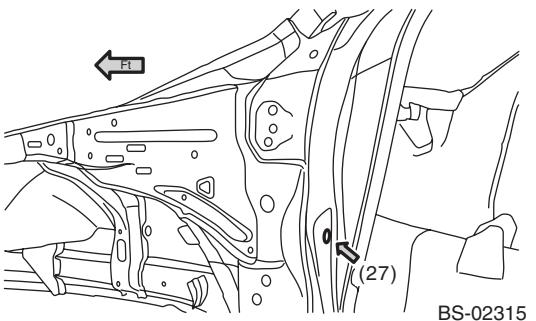
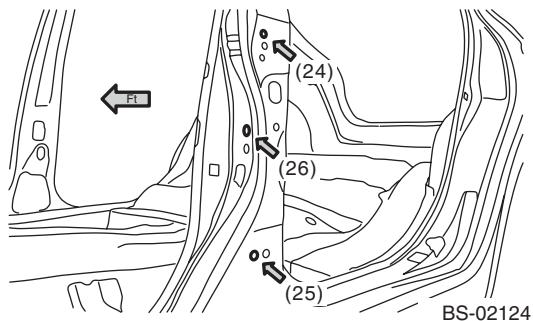
Measuring point	Datum dimension mm (in)
(21) — (24)	1,069 (42.09)
(21) — (25)	1,082 (42.60)
(22) — (24)	1,141 (44.92)
(22) — (25)	1,029 (40.51)
(24) — (29)	821 (32.32)
(25) — (29)	902 (35.51)
(26) — (26)	1,520 (59.84)
(28) — (28)	1,490 (58.66)
(34) — (34)	1,394 (54.88)
(34) — (64)	700 (27.56)
(49) — (60)	985 (38.78)
(49) — (62)	863 (33.98)
(27) — (27)	1,473 (57.99)
(30) — (30)	1,460 (57.48)

Measuring point	Datum dimension mm (in)
(33) — (33)	1,373 (54.06)
(33) — (63)	704 (27.72)
(33) — (65)	771 (30.35)
(36) — (36)	1,230 (48.43)
(37) — (37)	1,228 (48.35)
(38) — (38)	976 (38.43)
(39) — (39)	810 (31.89)
(54) — (54)	1,070 (42.13)
(55) — (55)	1,069 (42.09)
(56) — (60)	1,454 (57.24)
(56) — (62)	903 (35.55)
(57) — (61)	976 (38.43)
(57) — (62)	946 (37.24)
(59) — (60)	576 (22.68)
(59) — (62)	937 (36.89)

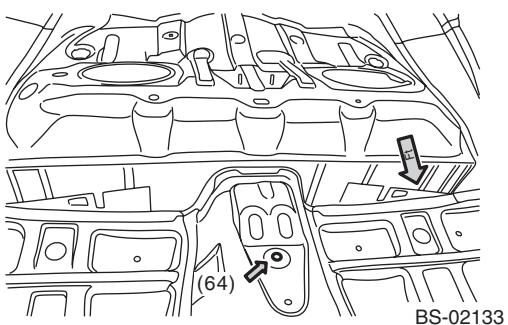
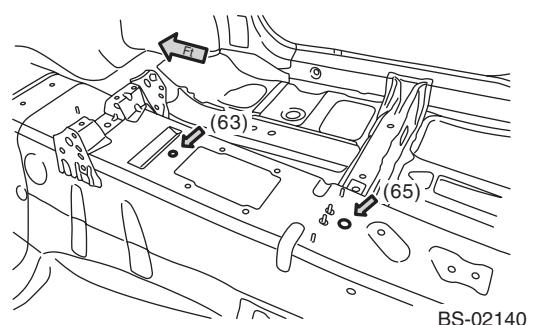
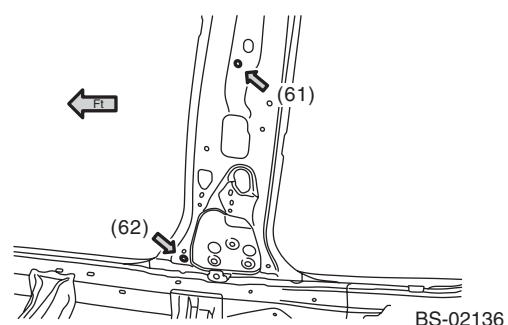
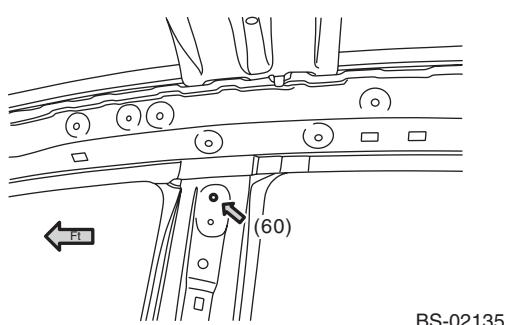
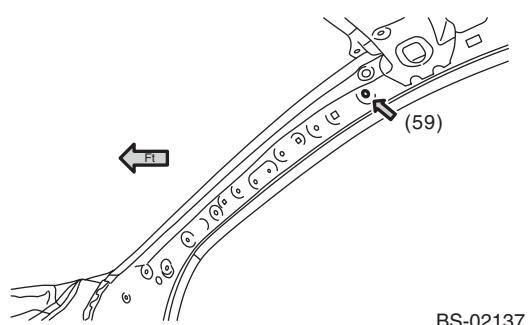
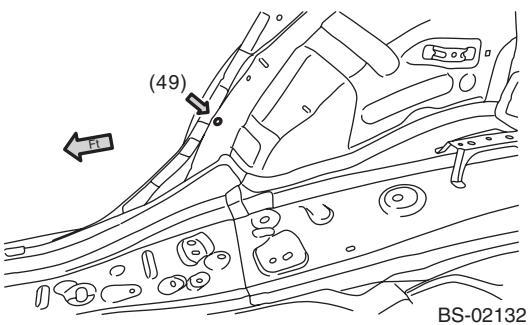
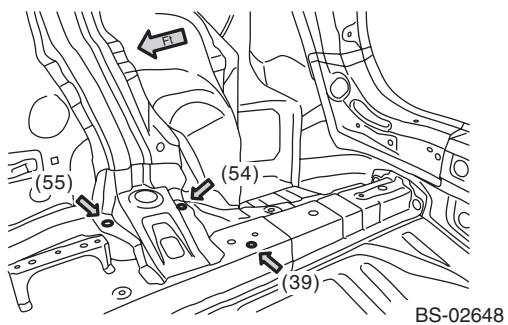
- The reference points (63), (64) and (65) are at the body center, while the other reference points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.



## Body Reference Points



## Body Reference Points

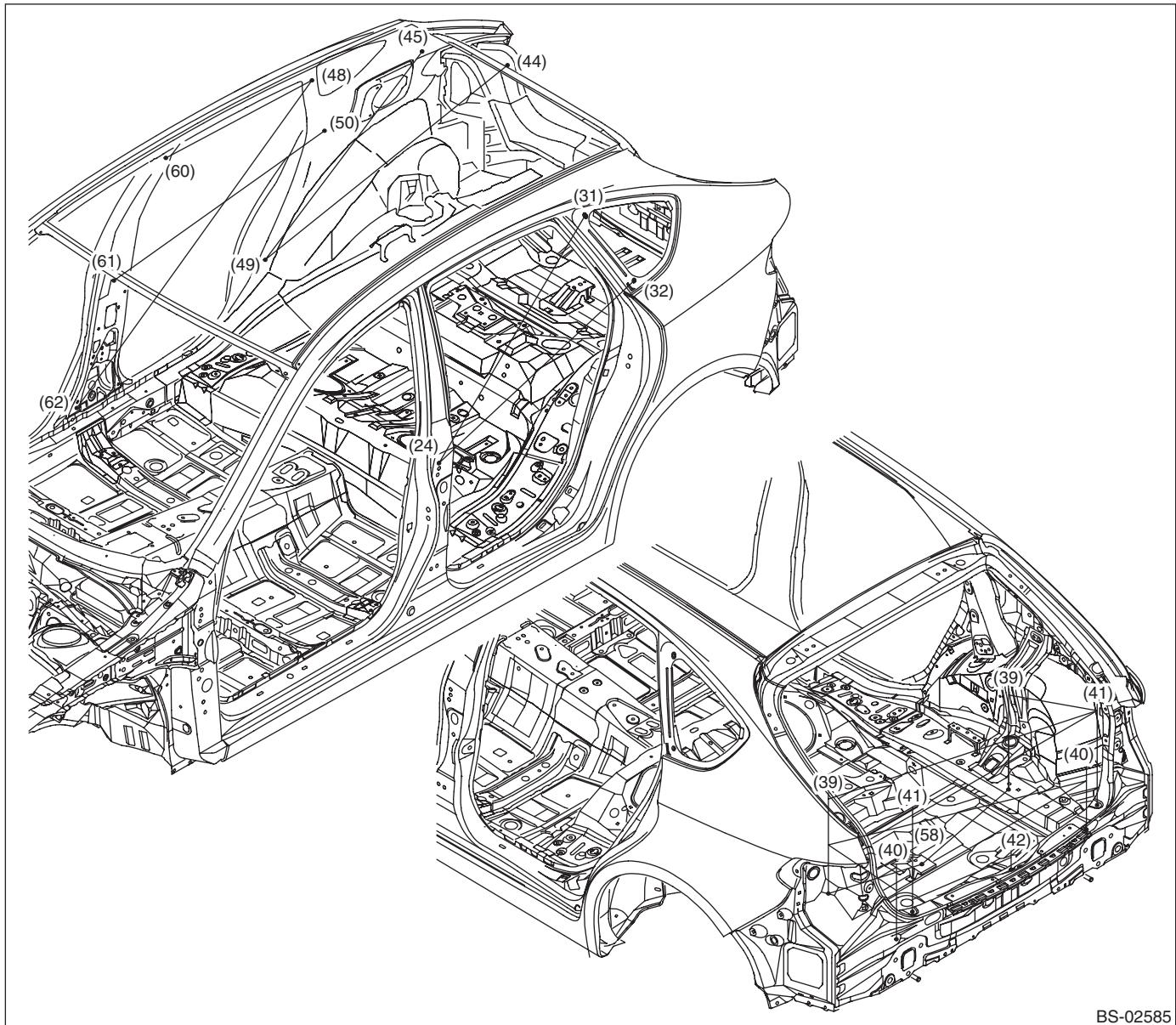


**SUBARU.**

# Body Reference Points

## 5. INSIDE 2

### • Special 5 door parts



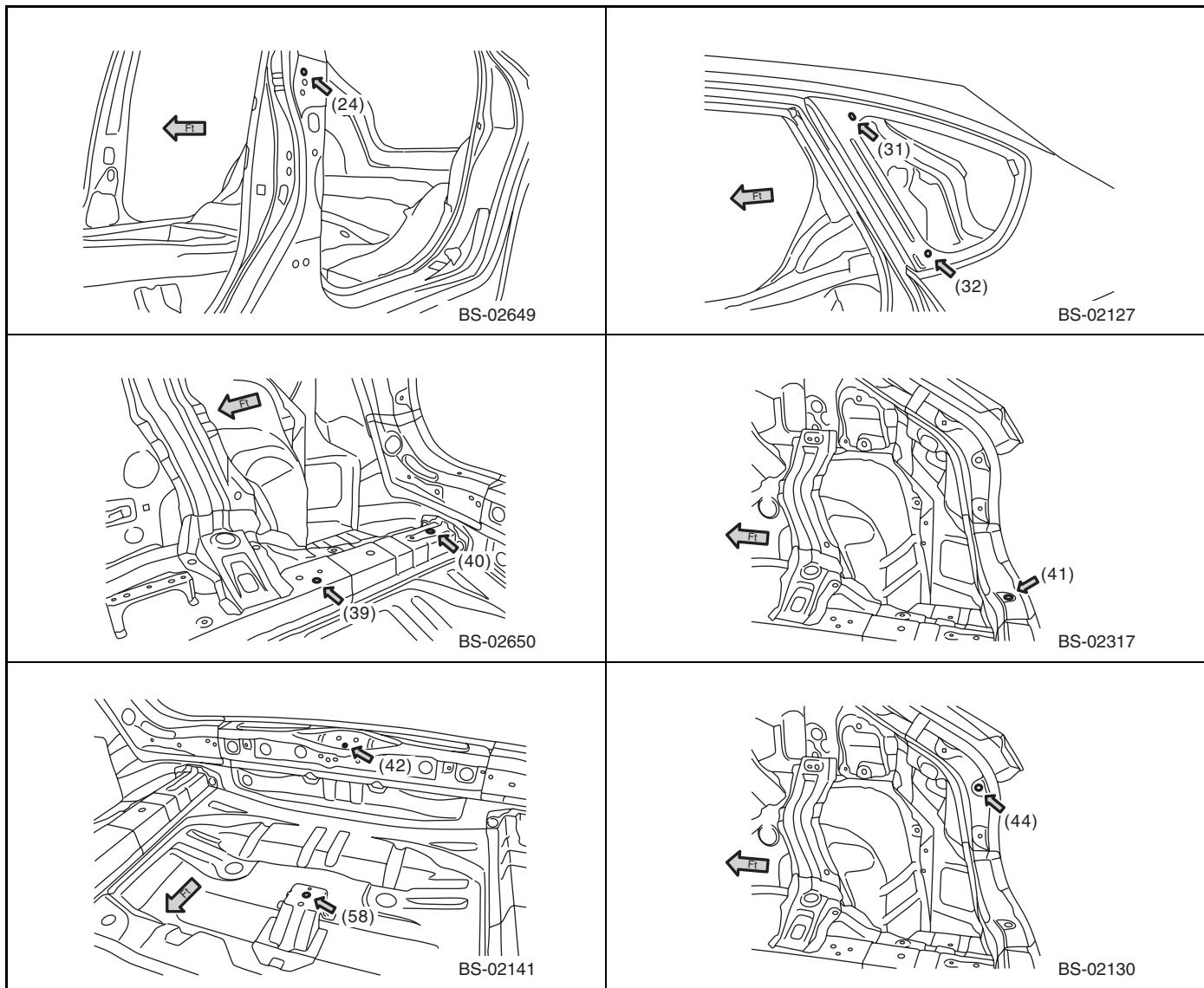
(24) Rear door hinge upper mounting hole (symmetrical), upper	(42) Repair location hole (body center)	(58) Spare tire mounting hole
(31) Rear quarter glass mounting hole (symmetrical), front upper	(44) Trim clip mounting hole (symmetrical)	(60) Center curtain airbag mounting hole (symmetrical)
(32) Rear quarter glass mounting hole (symmetrical), front lower	(45) Trim clip mounting hole (symmetrical)	(61) Gauge hole (symmetrical)
(39) Canister cover mounting hole (symmetrical)	(48) Trim clip mounting hole (symmetrical)	(62) Trim clip mounting hole (symmetrical)
(40) Manufacturer assemblies hole (symmetrical)	(49) Trim clip mounting hole (symmetrical)	
(41) Trim clip mounting hole (symmetrical)	(50) Trim clip mounting hole (symmetrical)	

## Body Reference Points

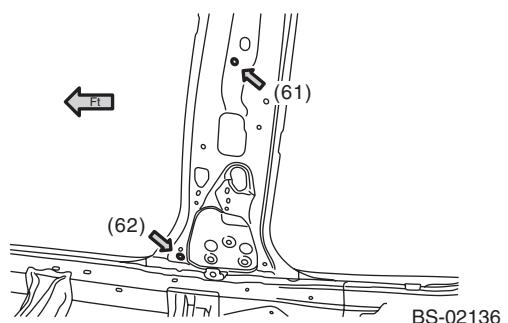
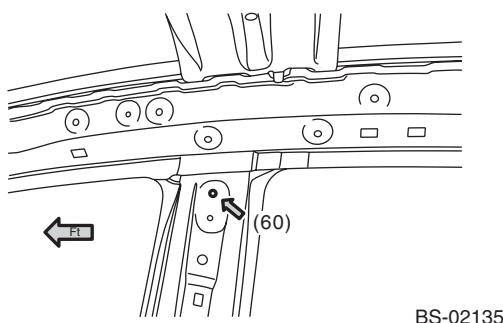
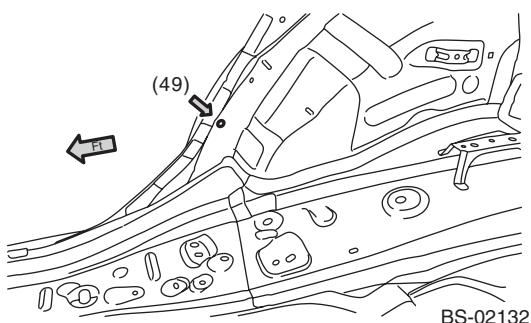
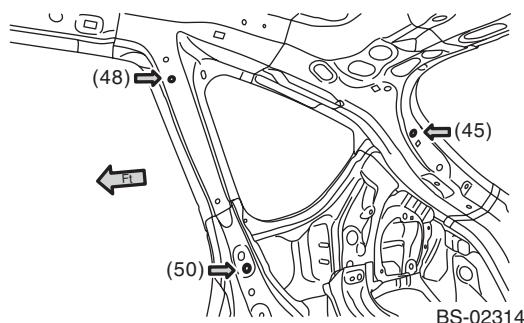
Measuring point	Datum dimension mm (in)
(24) — (31)	966 (38.03)
(24) — (32)	965 (37.99)
(44) — (49)	1,012 (39.84)
(45) — (49)	850 (33.46)
(48) — (60)	658 (25.91)
(48) — (62)	1,284 (50.55)
(50) — (61)	920 (36.22)
(39) L — (40) L	329 (12.95)

Measuring point	Datum dimension mm (in)
(39) L — (40) R	894 (35.20)
(39) R — (41) R	409 (16.10)
(39) L — (41) R	916 (36.06)
(39) R — (58)	440 (17.32)
(39) L — (58)	381 (15.00)
(40) — (40)	854 (33.62)
(41) — (41)	830 (32.68)
(41) — (42)	417 (16.42)

- The reference point (42) is at the body center, while the other points except for (58) is left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.



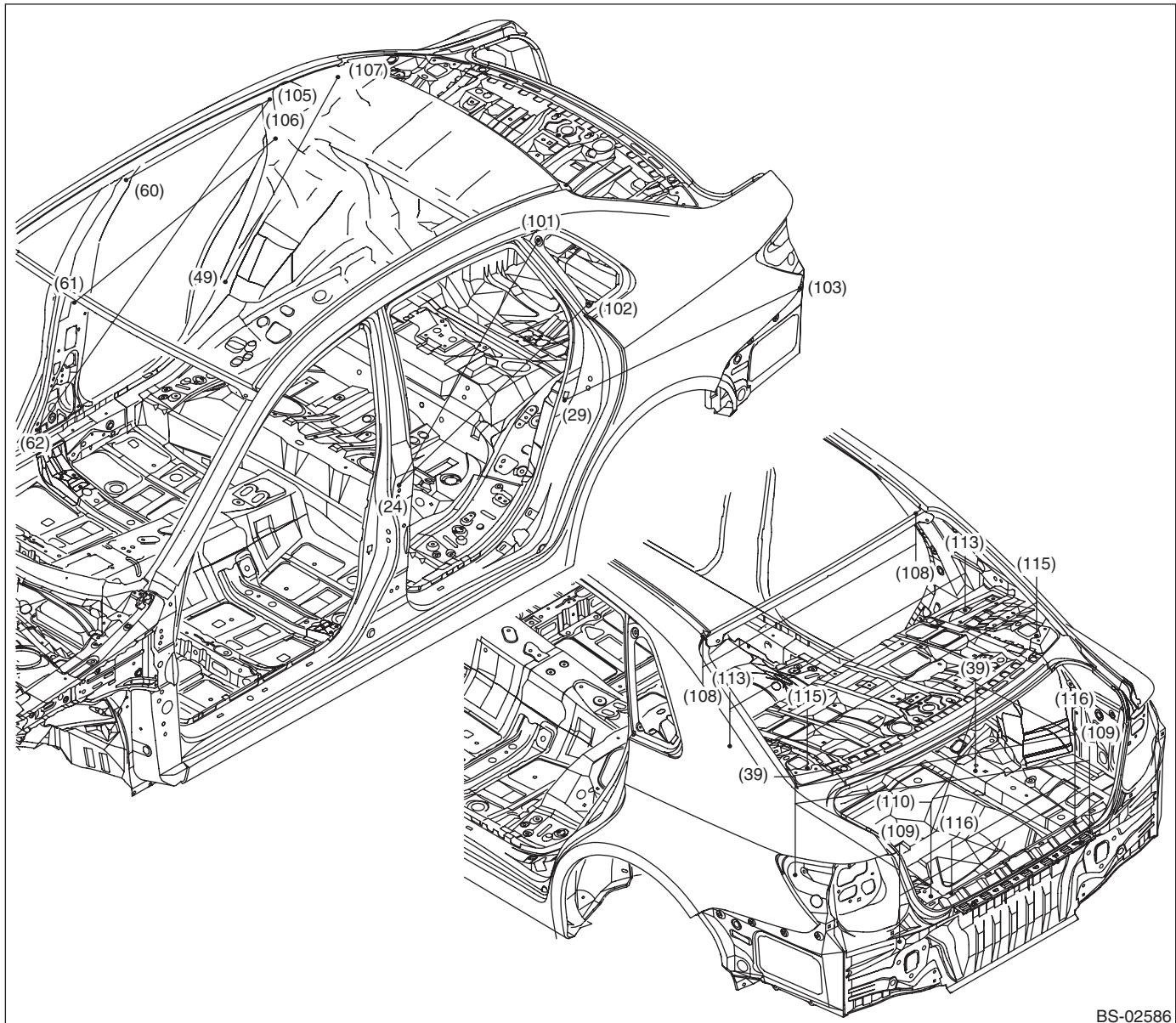
## Body Reference Points



# Body Reference Points

## 6. INSIDE 3

### • Special 4 door parts



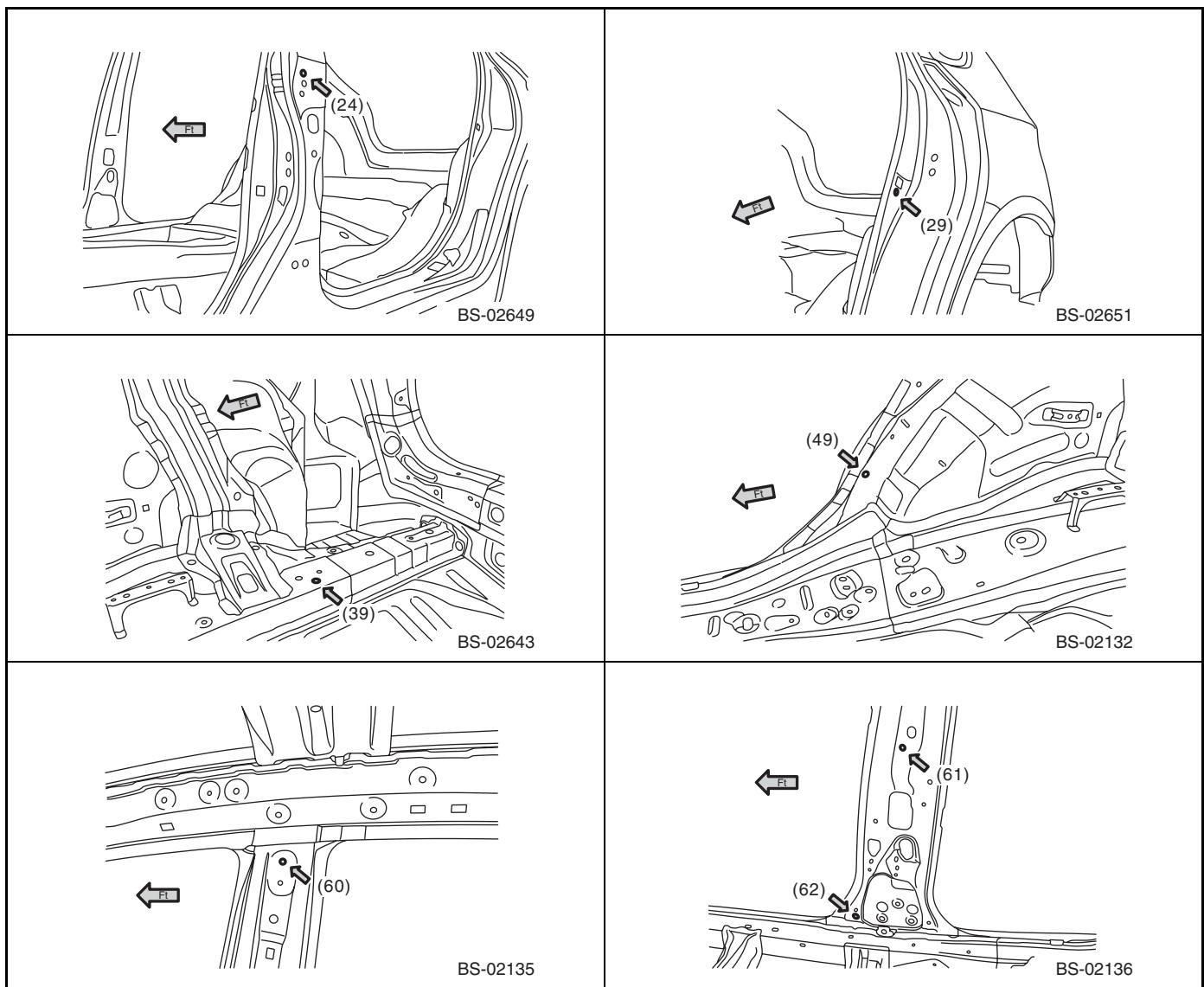
(24) Rear door hinge upper mounting hole (symmetrical), upper side	(101) Rear quarter glass mounting hole (symmetrical), front upper	(109) Manufacturer assemblies hole (symmetrical)
(29) Rear door switch mounting hole (symmetrical)	(102) Rear quarter glass mounting hole (symmetrical), front lower	(110) Spare tire mounting hole (body center)
(39) Canister cover mounting hole (symmetrical)	(103) Rear bumper bracket mounting hole (symmetrical)	(113) Rear shelf mounting hole (symmetrical)
(49) Trim clip mounting hole (symmetrical)	(105) Rear curtain airbag mounting hole (symmetrical)	(115) Trunk hinge mounting hole (symmetrical)
(60) Center curtain airbag mounting hole (symmetrical)	(106) Trim clip mounting hole (symmetrical)	(116) Electrodeposition hole (symmetrical)
(61) Gauge hole (symmetrical)	(107) Trim clip mounting hole (symmetrical)	
(62) Trim clip mounting hole (symmetrical)	(108) Drain hose mounting hole (symmetrical)	

## Body Reference Points

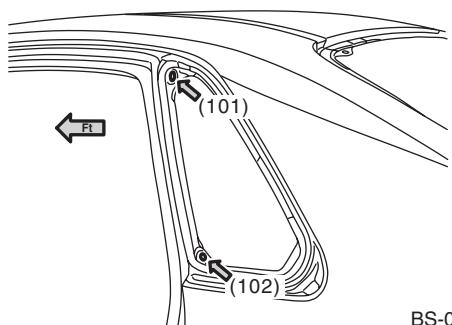
Measuring point	Datum dimension mm (in)
(24) — (101)	944 (37.15)
(24) — (102)	953 (37.50)
(29) — (103)	991 (39.02)
(49) — (107)	766 (30.15)
(60) — (105)	633 (24.91)
(61) — (106)	906 (35.69)
(62) — (105)	1,291 (50.82)
(39) L — (109) L	492 (19.35)
(39) L — (109) R	966 (38.03)

Measuring point	Datum dimension mm (in)
(39) — (110)	489 (19.26)
(39) R — (116) R	608 (23.94)
(39) L — (116) R	905 (35.62)
(108) — (108)	958 (37.71)
(109) — (109)	854 (33.62)
(113) — (113)	1,058 (41.65)
(115) — (115)	1,030 (40.55)
(116) — (116)	554 (21.81)

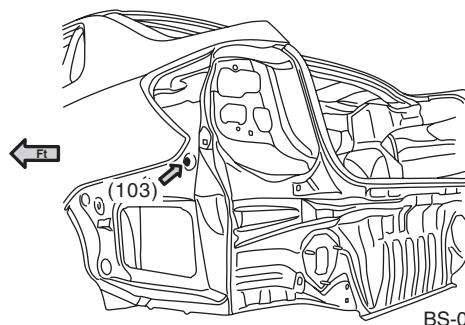
- The reference point (110) is at the body center, while the other reference points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.



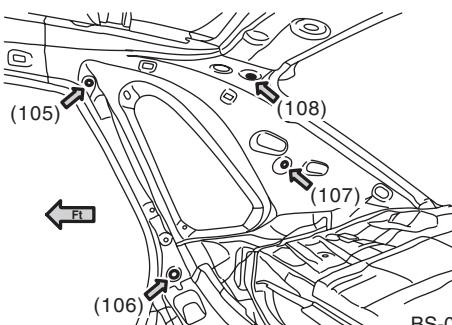
## Body Reference Points



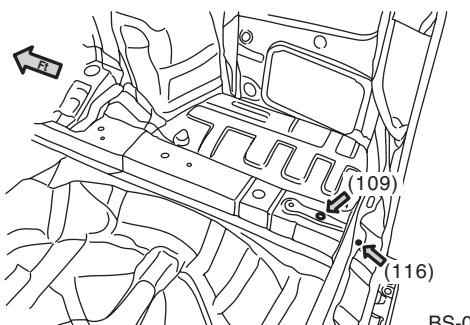
BS-02587



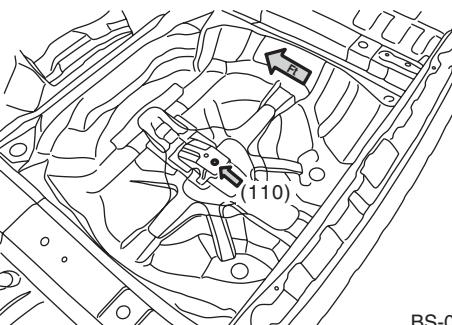
BS-02588



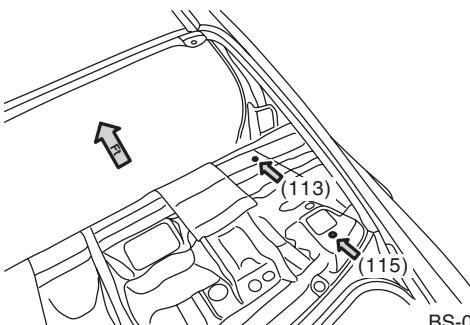
BS-02589



BS-02590



BS-02591

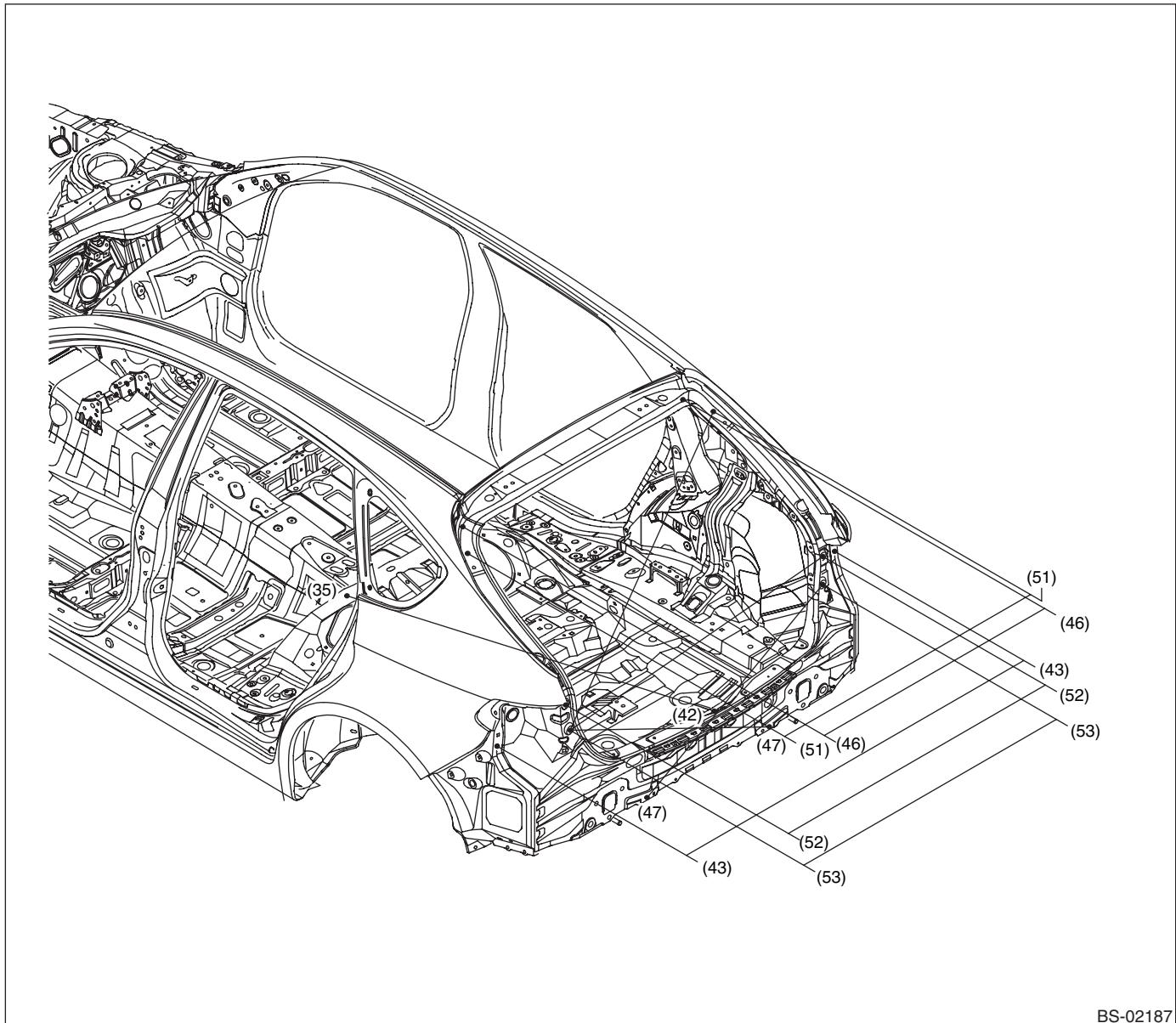


BS-02592

## Body Reference Points

## 7. REAR 1

- Special 5 door parts



BS-02187

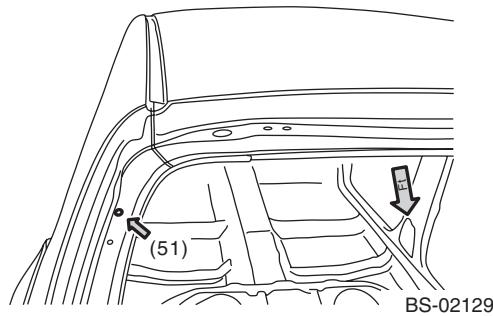
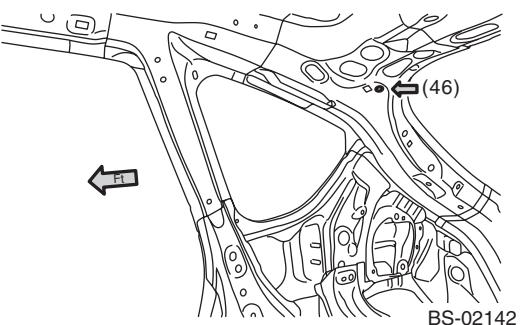
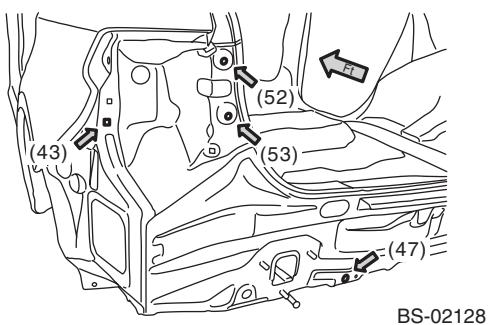
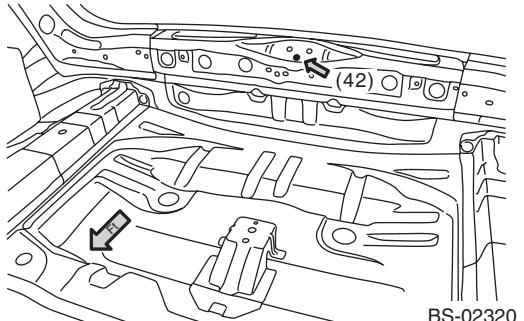
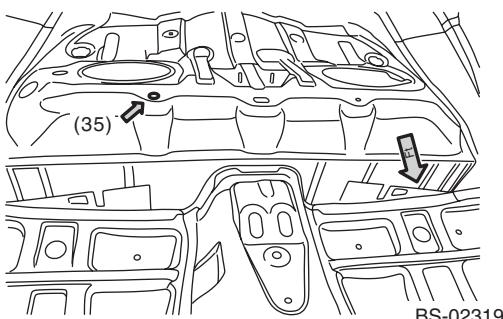
(35) Floor mat mounting hole (symmetrical)	(46) Rear curtain airbag mounting hole (symmetrical)	(52) Rear combination light mounting hole (symmetrical), upper side
(42) Repair location hole (body center)	(47) Rear bumper bracket mounting hole	(53) Rear combination light mounting hole (symmetrical), lower side
(43) Rear bumper mounting hole (symmetrical)	(51) Rear gate stay mounting hole (symmetrical), upper side	

Measuring point	Datum dimension mm (in)
(35) — (42)	1,442 (56.77)
(43) — (43)	1,486 (58.50)
(46) — (46)	970 (38.19)
(47) R — (53) L	913 (35.94)
(47) L — (53) R	905 (35.63)

Measuring point	Datum dimension mm (in)
(51) — (51)	1,082 (42.60)
(52) — (52)	1,132 (44.57)
(53) — (53)	1,112 (43.78)
(51) — (53)	1,268 (49.92)
(52) — (53)	1,126 (44.33)

## Body Reference Points

- The reference point (42) is at the body center, while the other points except for (47) is left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.

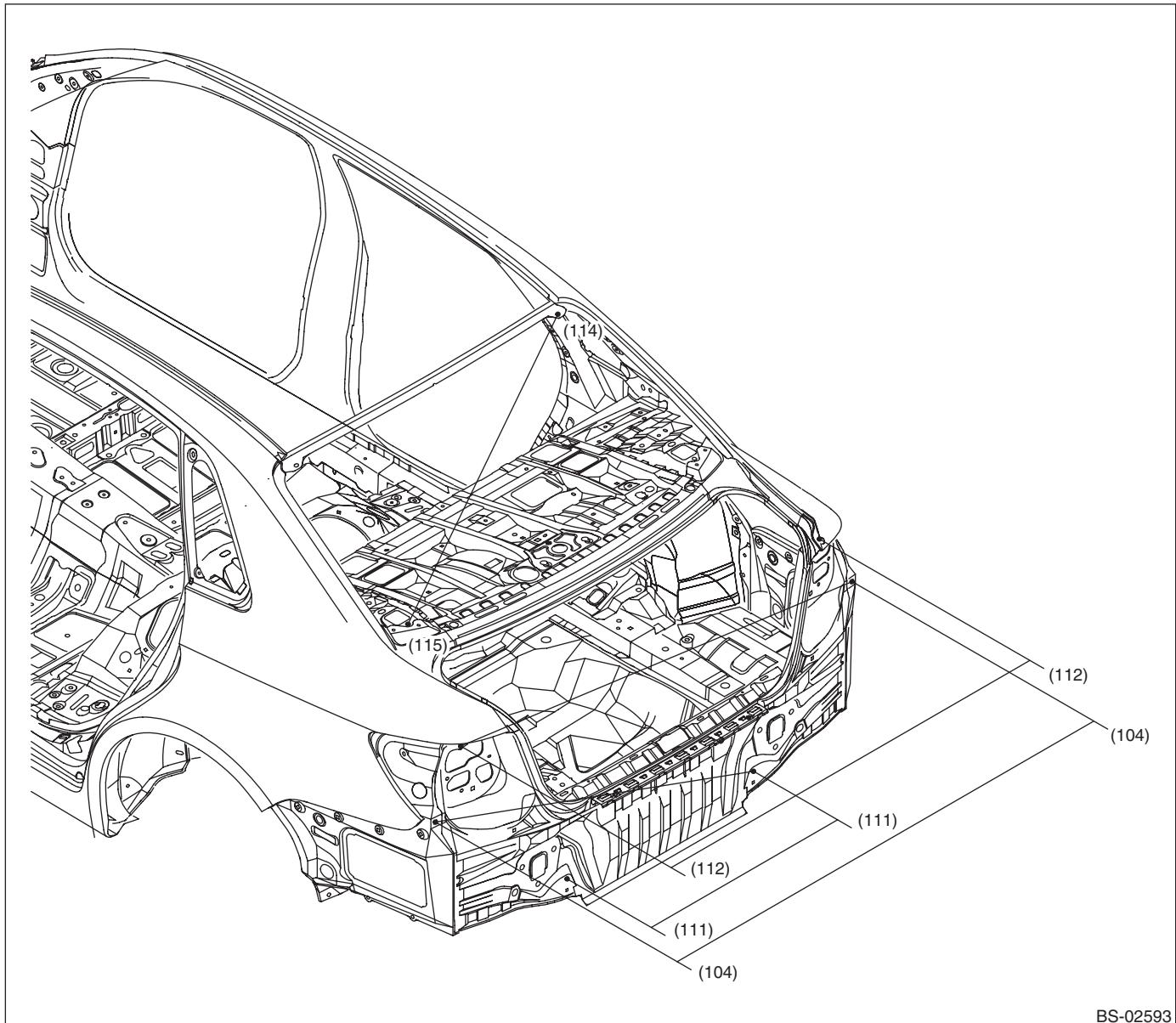


**SUBARU.**

## Body Reference Points

### 8. REAR 2

- Special 4 door parts



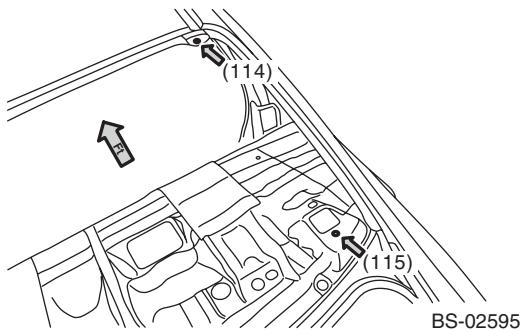
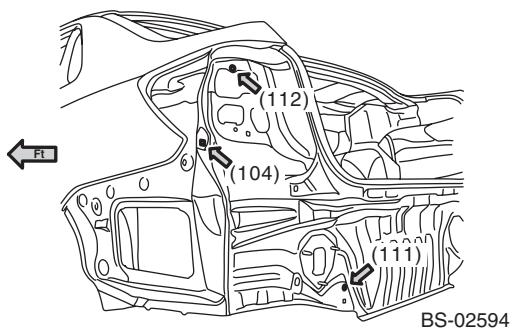
(104) Rear bumper mounting hole (symmetrical)	(112) Rear combination light mounting hole (symmetrical), upper side	(115) Trunk hinge mounting hole (symmetrical)
(111) Rear beam bracket mounting hole (symmetrical)	(114) Rear glass installation reference hole (symmetrical)	

Measuring point	Datum dimension mm (in)
(104) — (104)	1,498 (58.98)
(104) — (111)	1,142 (44.96)
(104) — (112)	1,405 (55.31)

Measuring point	Datum dimension mm (in)
(111) — (111)	670 (26.38)
(112) — (112)	1,290 (50.79)
(114) — (115)	1,110 (43.70)

- All reference points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.

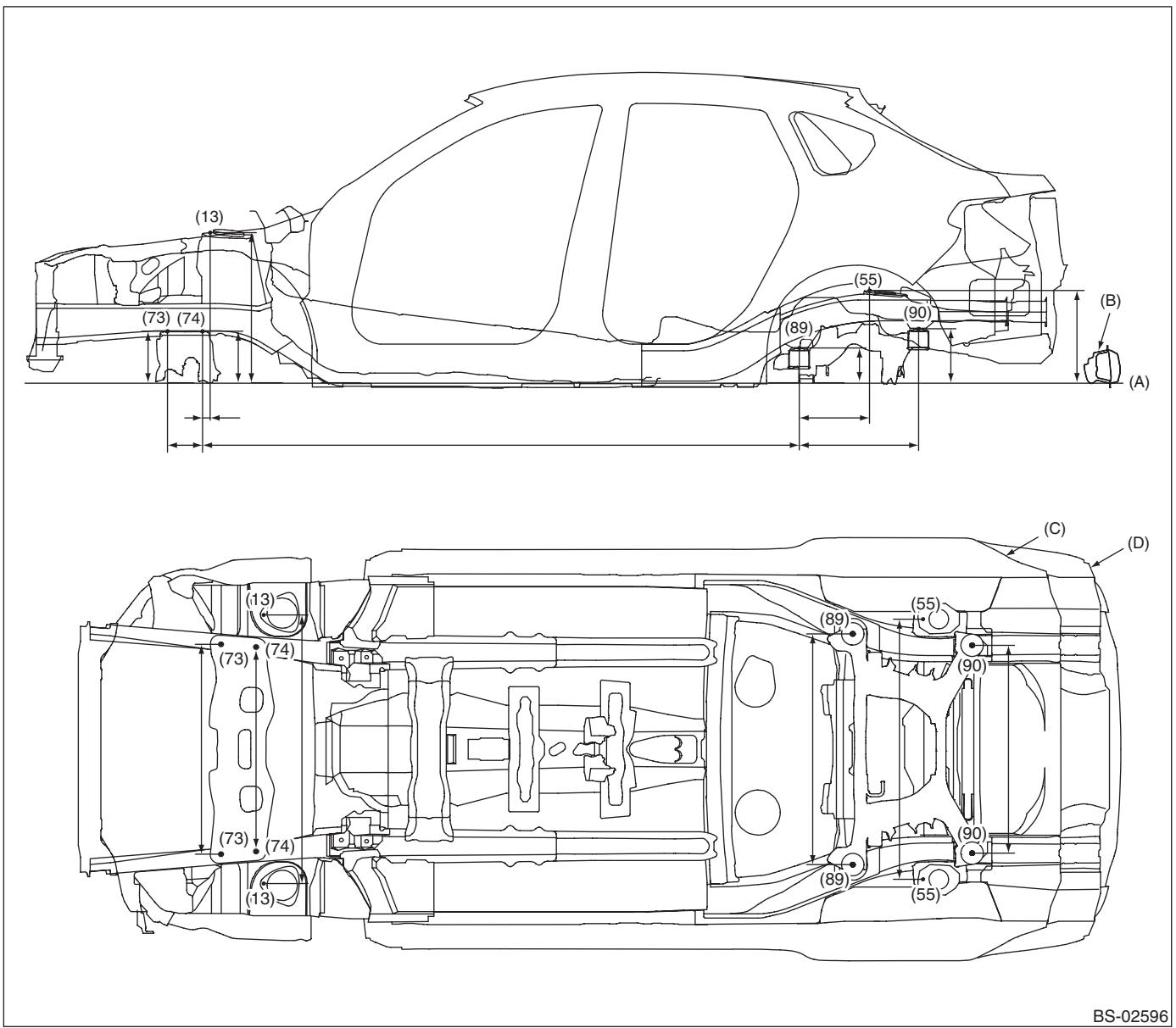
## Body Reference Points



# Body Reference Points

## 9. SUSPENSION MOUNT (CROSSMEMBER)

Unit: mm



BS-02596

- Longitudinal dimensions are projected dimensions.
- The height dimensions are the vertical distances from the gauge point on the assumed horizontal line through the side sill flange joint (bending angle point).

(A) Standard line  
(B) Side sill outer panel

(C) 5 door

(D) 4 door

(13) Front suspension mounting hole (symmetrical), front	(73) Front crossmember mounting hole (symmetrical), front	(89) Rear suspension crossmember mounting hole (symmetrical)
(55) Rear suspension mounting hole (symmetrical), front	(74) Front crossmember mounting hole (symmetrical), rear	(90) Rear suspension crossmember mounting hole (symmetrical)

## Body Reference Points

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**CAUTION:**

- For the position of the reference points (13), refer to the figure "FRONT 1, DIMENSIONS, Body Reference Points" on page 74.
- For the position of the reference points (55), refer to the figure "INSIDE 1, DIMENSIONS, Body Reference Points" on page 79.
- For the position of the other reference points, refer to the figure "LOWER SURFACE, DIMENSIONS, Body Reference Points" on page 70.

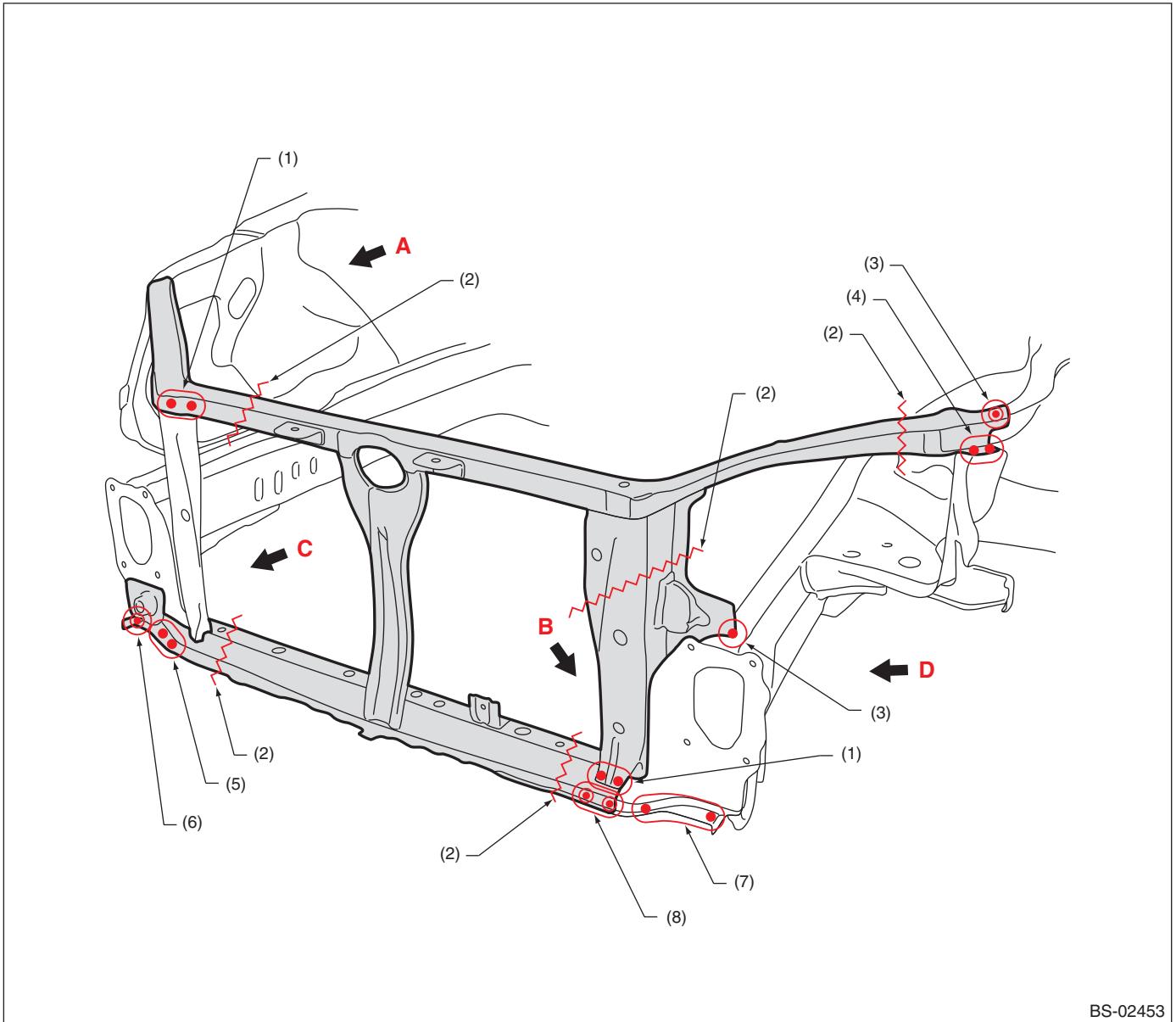
Measuring point	Datum dimension mm (in)
Datum line — (13)	616 (24.25)
Datum line — (55)	376 (14.80)
Datum line — (73)	213 (8.39)
Datum line — (74)	213 (8.39)
Datum line — (89)	144 (5.67)
Datum line — (90)	223 (8.78)
(13) — (13)	1,103 (43.43)
(13) — (74)	31 (1.22)
(55) — (55)	1,069 (42.09)

Measuring point	Datum dimension mm (in)
(55) — (89)	288 (11.34)
(73) — (73)	862 (33.94)
(73) — (74)	144 (5.67)
(74) — (74)	840 (33.07)
(74) — (89)	2,450 (96.46)
(89) — (89)	948 (37.32)
(89) — (90)	490 (19.29)
(90) — (90)	855 (33.66)

### 12. Radiator Panel (total replacement)

#### A: REMOVAL

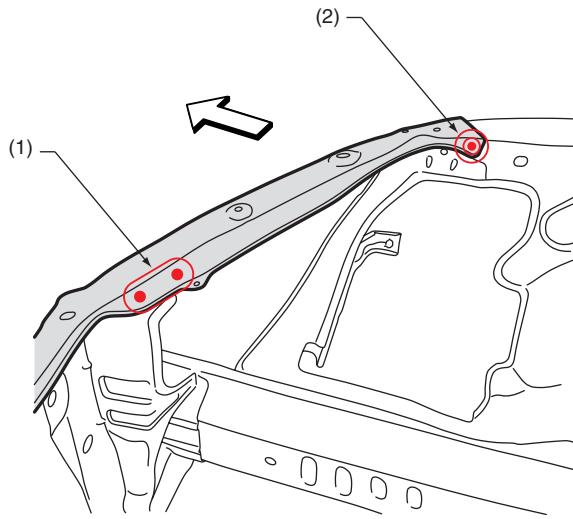
- Overall view



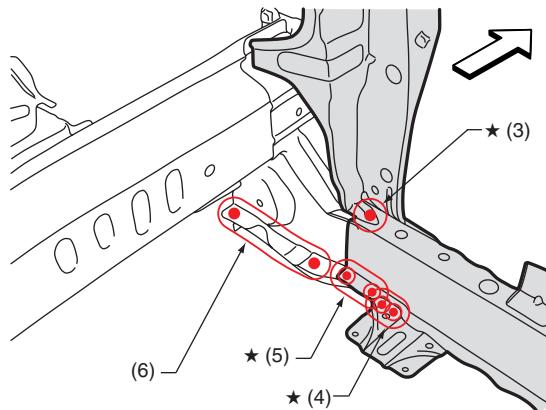
(1)	2 points (outside · 1)	(4)	2 points (top · 1)	(7)	3 points (bottom · 1)
(2)	Rough cutting	(5)	2 points (bottom · 1)	(8)	2 points (top · 1, bottom · 1)
(3)	1 point (top · 1)	(6)	1 point (bottom · 1)		

# Radiator Panel (total replacement)

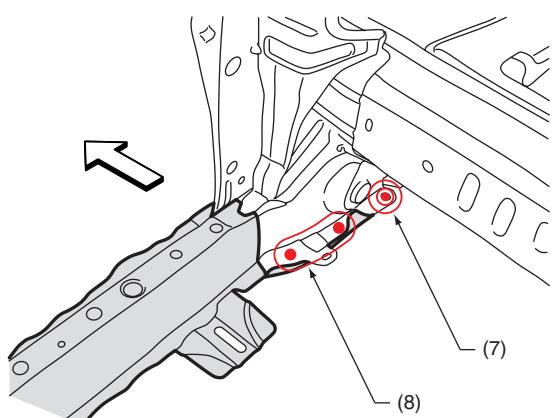
## • Views



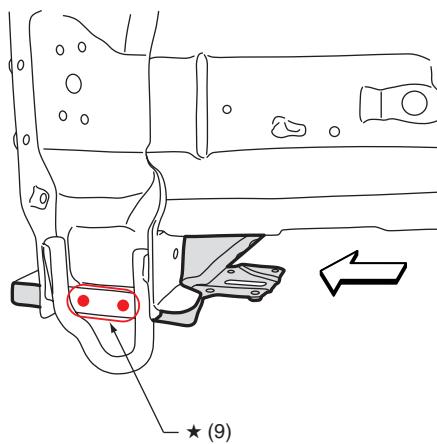
A



B



C



D

BS-02454

- (1) 2 points (inside · 1)
- (2) 1 point (inside · 1)
- (3) 1 point (top · 1)

- (4) 2 points (top · 1, bottom · 1)
- (5) 3 points (top · 1, bottom · 1)
- (6) 3 points (bottom · 1)

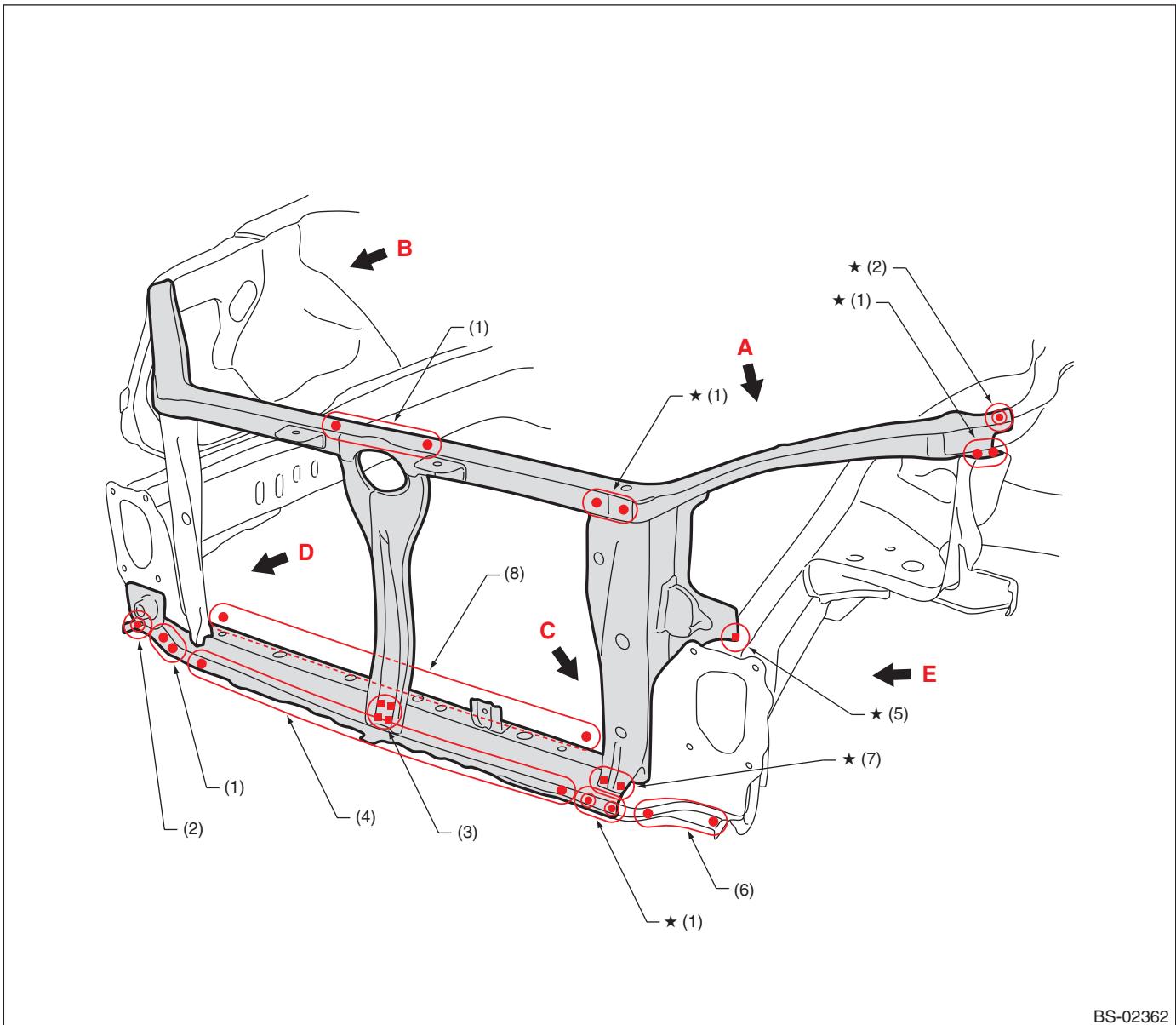
- (7) 1 point (bottom · 1)
- (8) 2 points (bottom · 1)
- (9) 2 points (outside · 1)

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

## Radiator Panel (total replacement)

### B: INSTALLATION

- Overall view



BS-02362

- (1) 2 points
- (2) 1 point
- (3) 4 points (service)

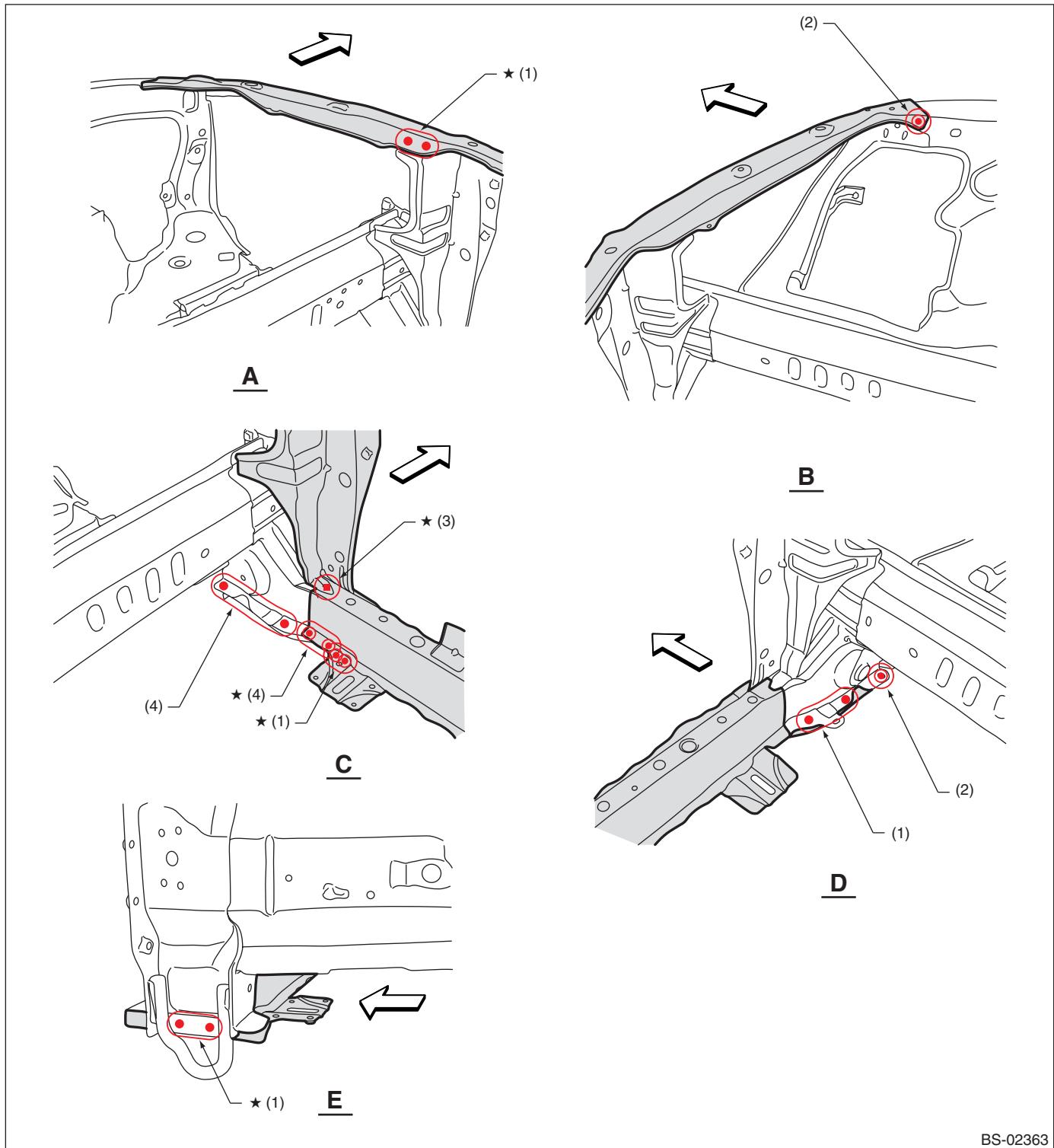
- (4) 16 points
- (5) 1 point (service)
- (6) 3 points

- (7) 2 points (service)
- (8) 9 points

For locations marked by **★**, the welding method and the number of welding points are the same on the left and the right.

# Radiator Panel (total replacement)

- Views



BS-02363

(1) 2 points

(2) 1 point

(3) 1 point (service)

(4) 3 points

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

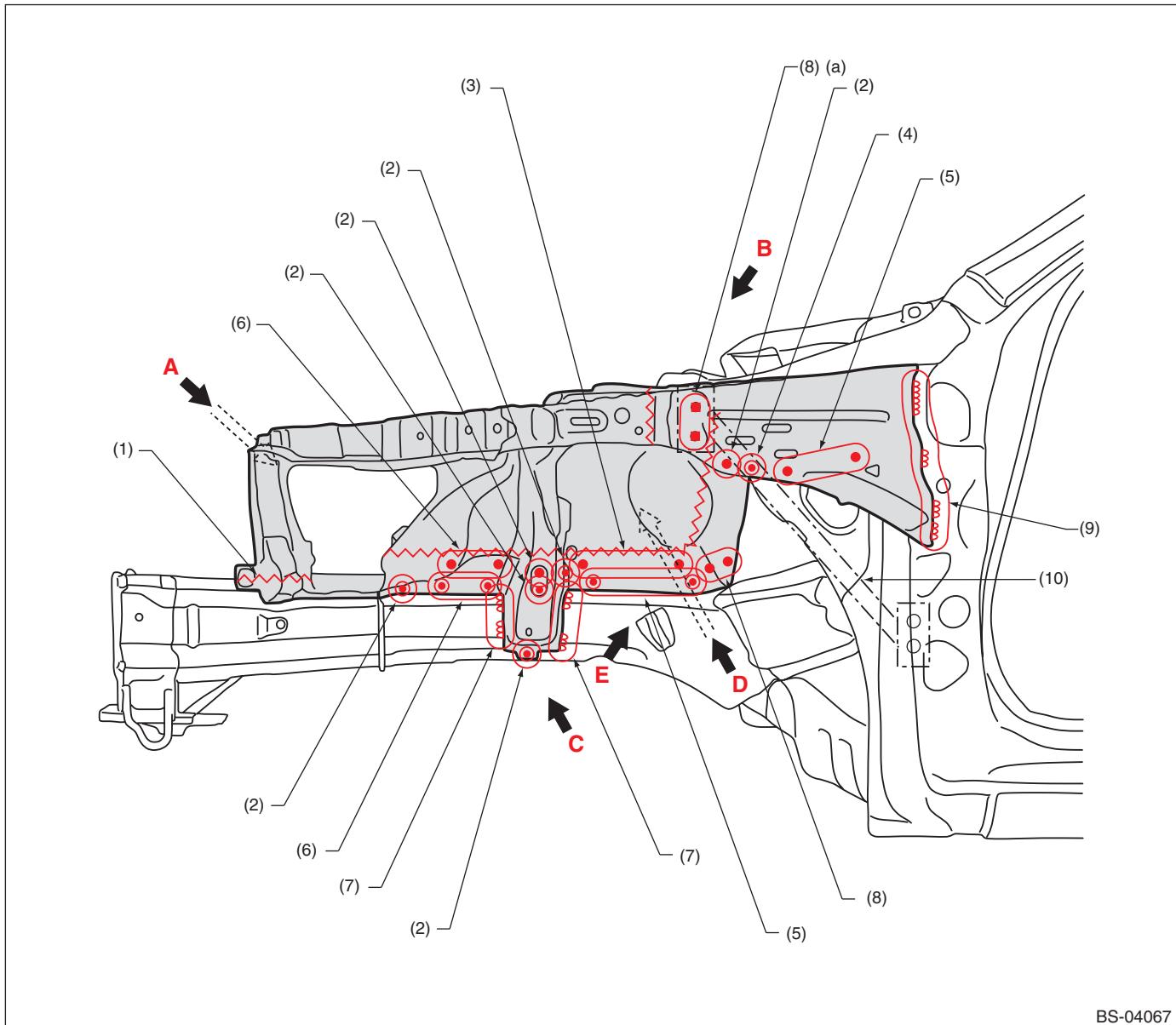
## Front Wheel Apron (total replacement)

### 13. Front Wheel Apron (total replacement)

#### A: REMOVAL

1) Radiator panel removal condition

- Overall view



BS-04067

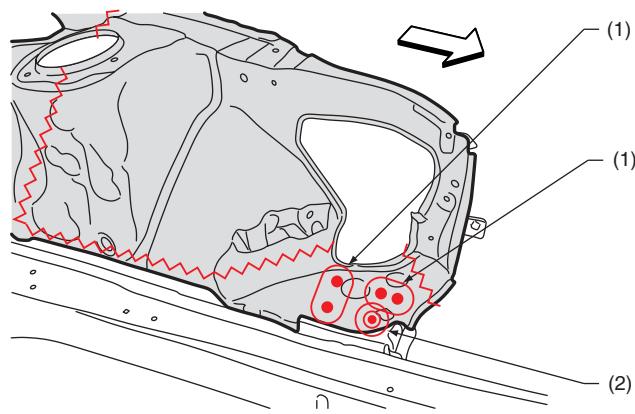
(1) Rough cutting	(5) 4 points (outside · 1)	(8) 2 points (outside · 1)
(2) 1 point (outside · 1)	(6) 3 points (outside · 1)	(9) 4 points (outside · 1, belt sander)
(3) 6 points (outside · 1)	(7) 2 points (outside · 1, belt sander)	(10) Stay cowl side
(4) 1 point (outside · 2)		

#### NOTE:

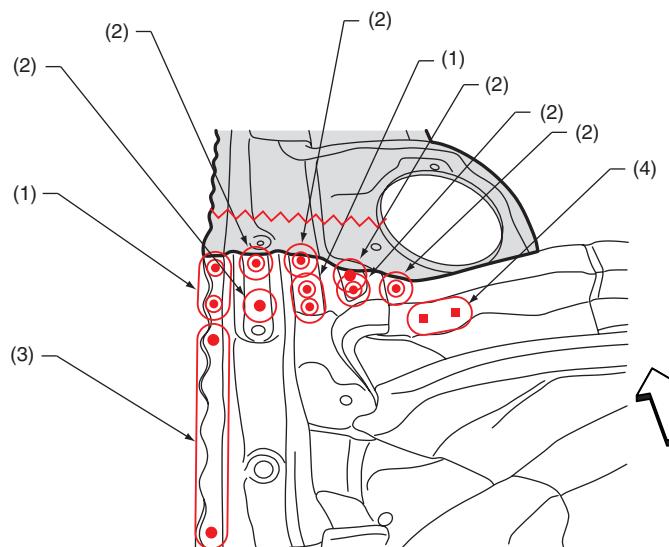
If the stay cowl side is installed (vehicle except for 15-inch wheel), do not weld the two points at location (a).

# Front Wheel Apron (total replacement)

- Views 1



**A**



**B**

(1) 2 points (top · 1)  
(2) 1 point (top · 1)

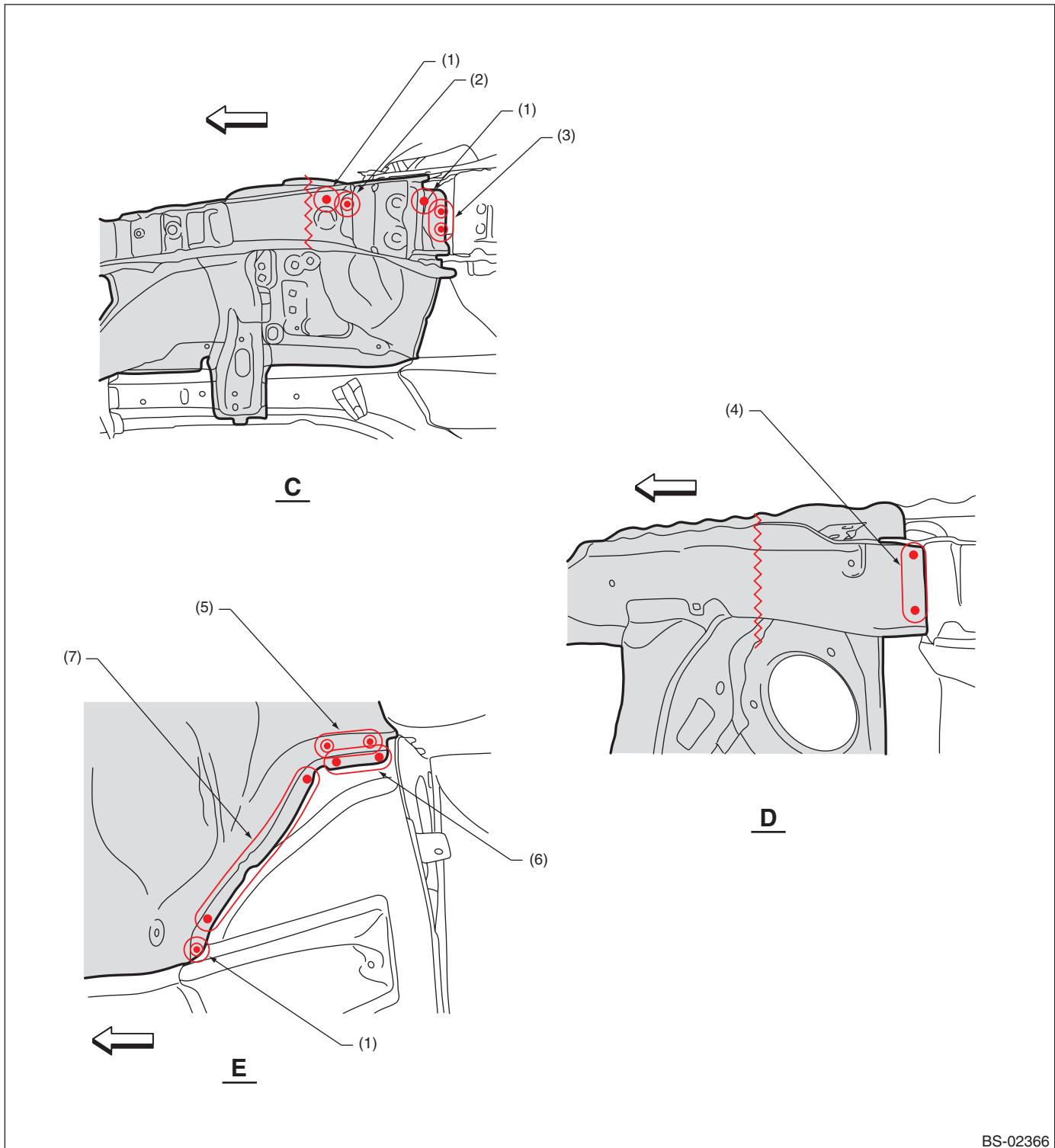
(3) 5 points (top · 1)

(4) 2 points (inside · 2, belt sander)

BS-02365

# Front Wheel Apron (total replacement)

## • Views 2



BS-02366

(1) 1 point (outside · 1)

(2) 1 point (outside · 2)

(3) 2 points (outside · 1)

(4) 4 points (bottom · 1)

(5) 2 points (bottom · 1)

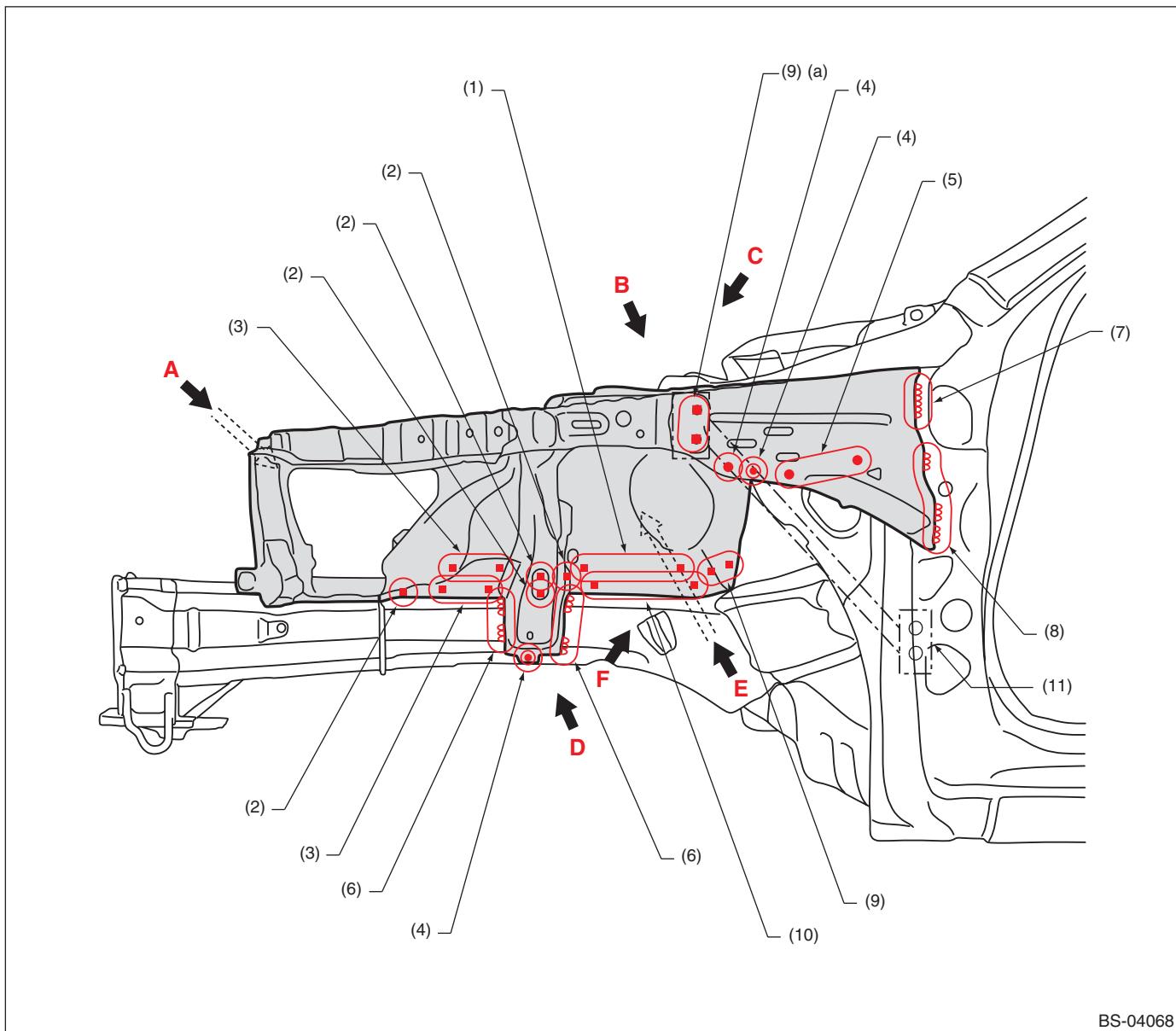
(6) 3 points (outside · 1)

(7) 5 points (outside · 1)

## Front Wheel Apron (total replacement)

### B: INSTALLATION

- Overall view



BS-04068

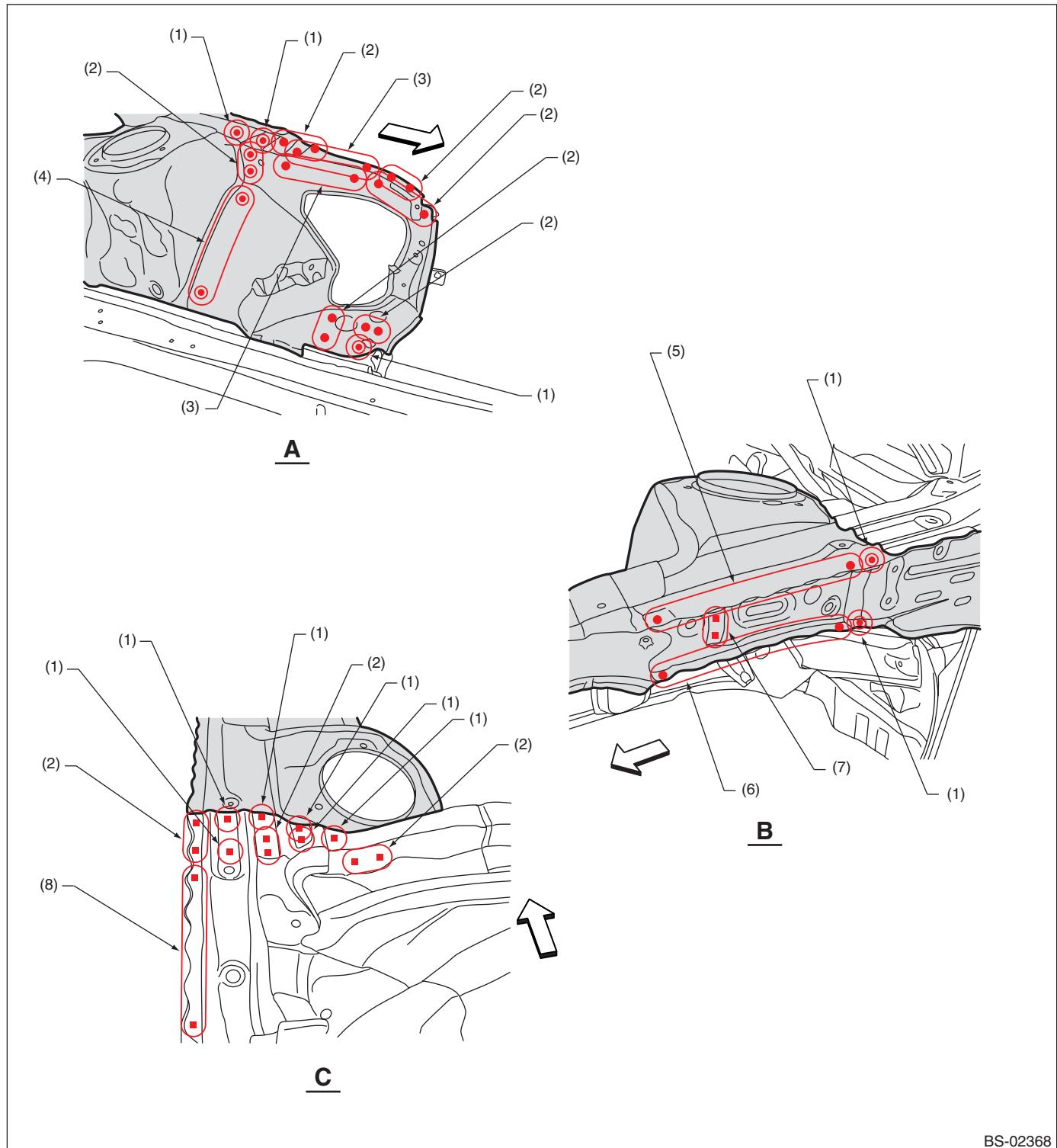
(1) 6 points (service)	(5) 4 points	(9) 2 points (service)
(2) 1 point (service)	(6) 2 points [20 mm (0.79 in) × 2]	(10) 4 points (service)
(3) 3 points (service)	(7) 1 point [50 mm (1.97 in)]	(11) Stay cowl side
(4) 1 point	(8) 3 points [20 mm (0.79 in) × 3]	

**NOTE:**

If the stay cowl side is installed (vehicle except for 15-inch wheel), do not weld the two points at location (a).

# Front Wheel Apron (total replacement)

## • Views 1



BS-02368

(1) 1 point

(2) 2 points

(3) 3 points

(4) 9 points

(5) 7 points

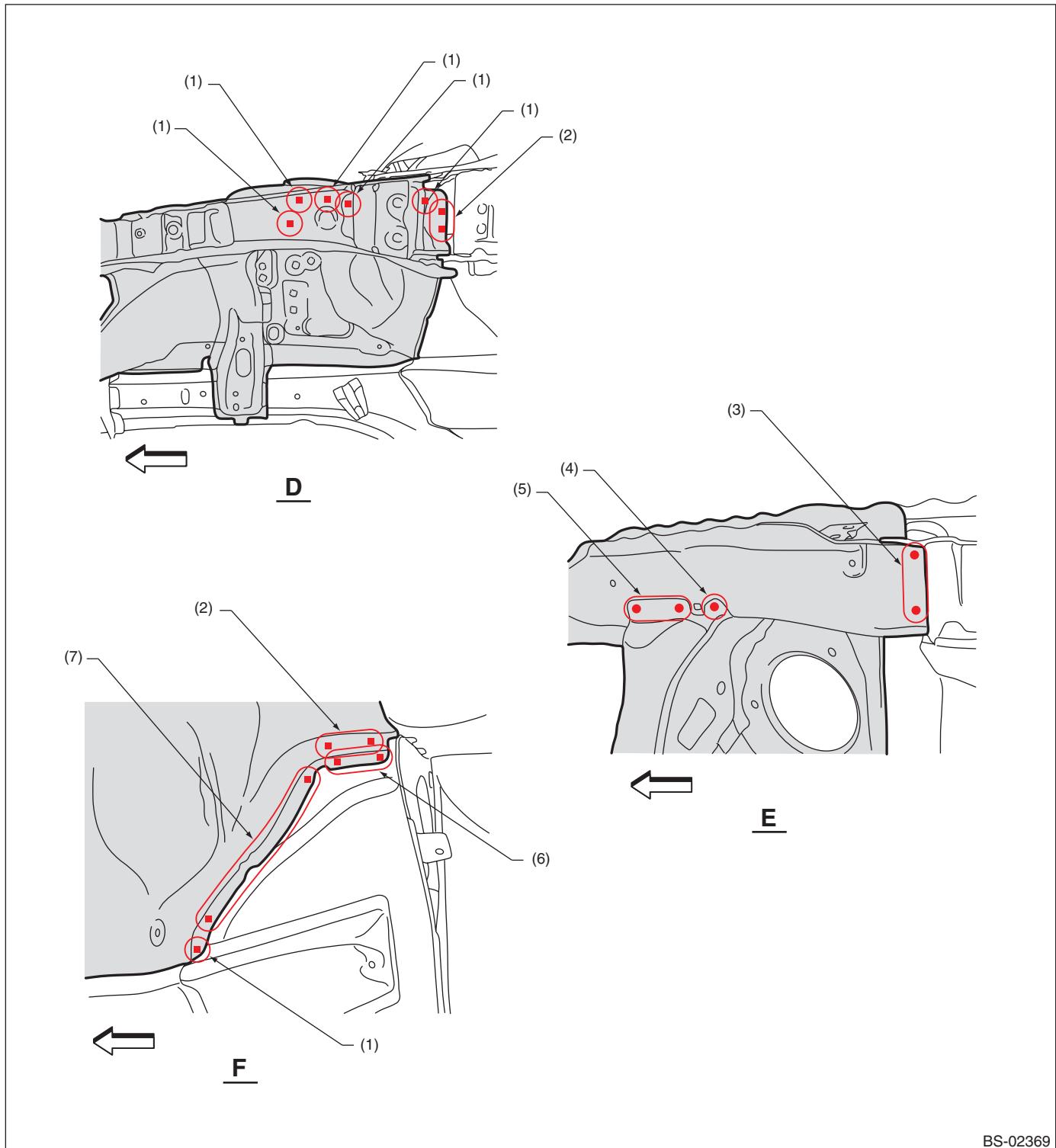
(6) 6 points

(7) 2 points (service)

(8) 5 points

# Front Wheel Apron (total replacement)

## • Views 2



BS-02369

- (1) 1 point (service)
- (2) 2 points (service)
- (3) 4 points

- (4) 1 point
- (5) 3 points
- (6) 3 points (service)

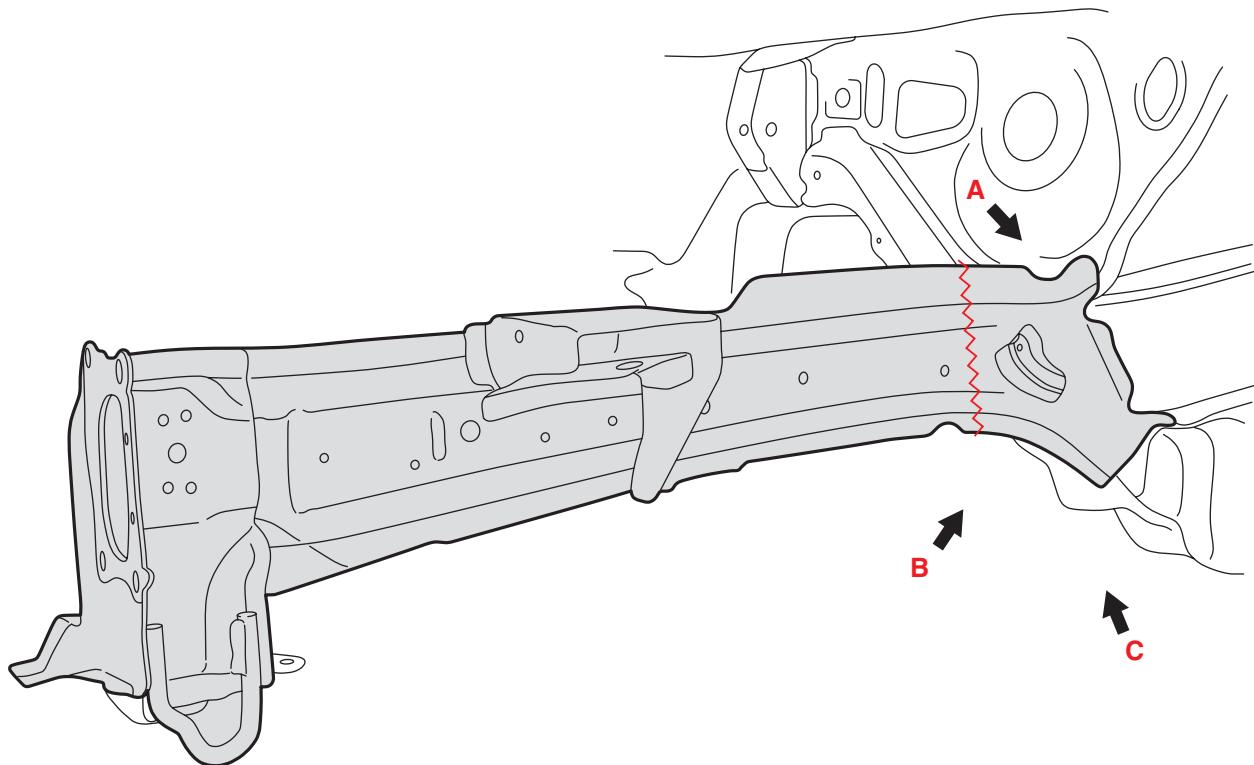
- (7) 5 points (service)

## 14. Front Side Frame (total replacement)

### A: REMOVAL

1) Radiator panel and front wheel apron removal condition

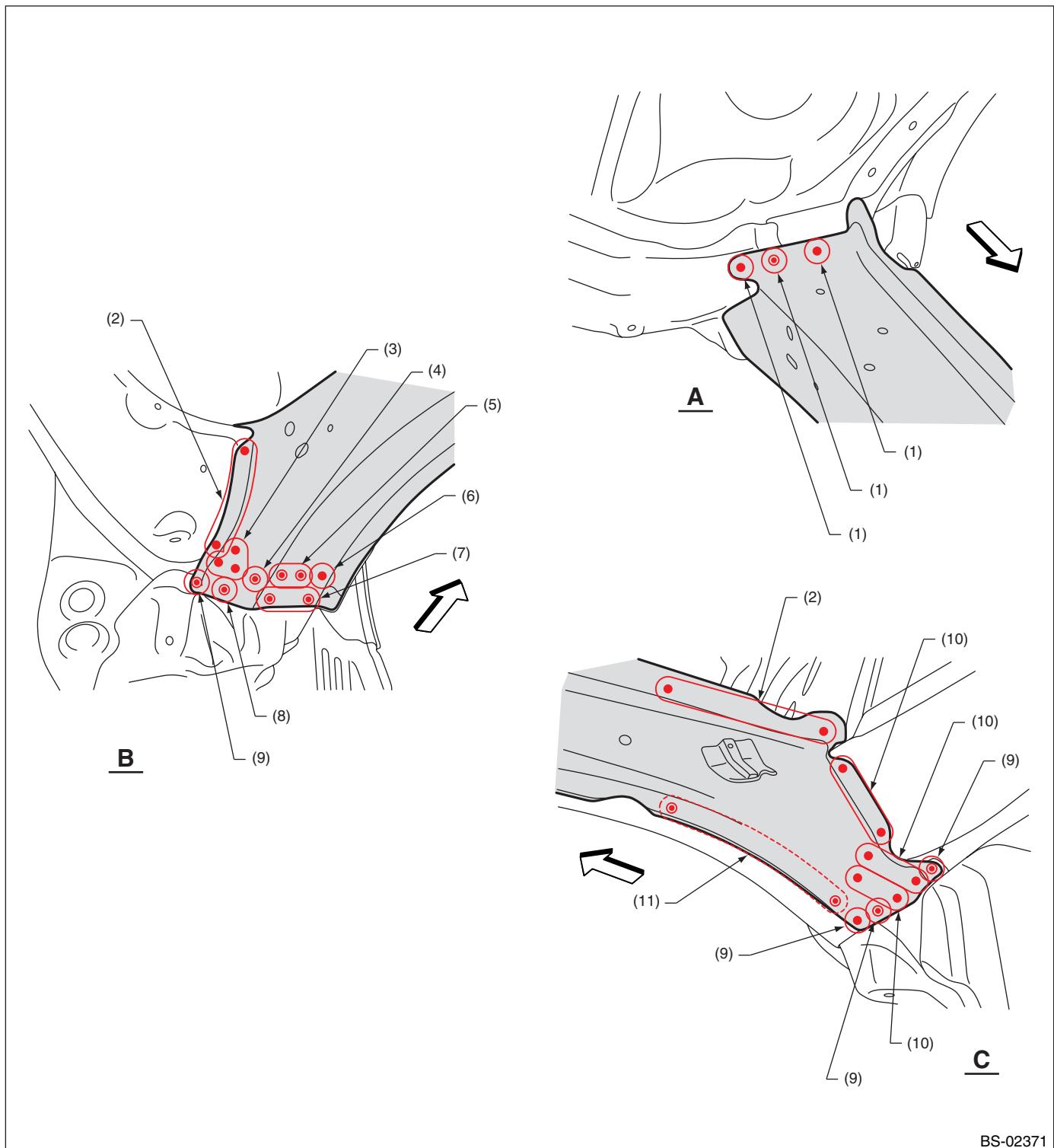
- Overall view



BS-02370

# Front Side Frame (total replacement)

- Views



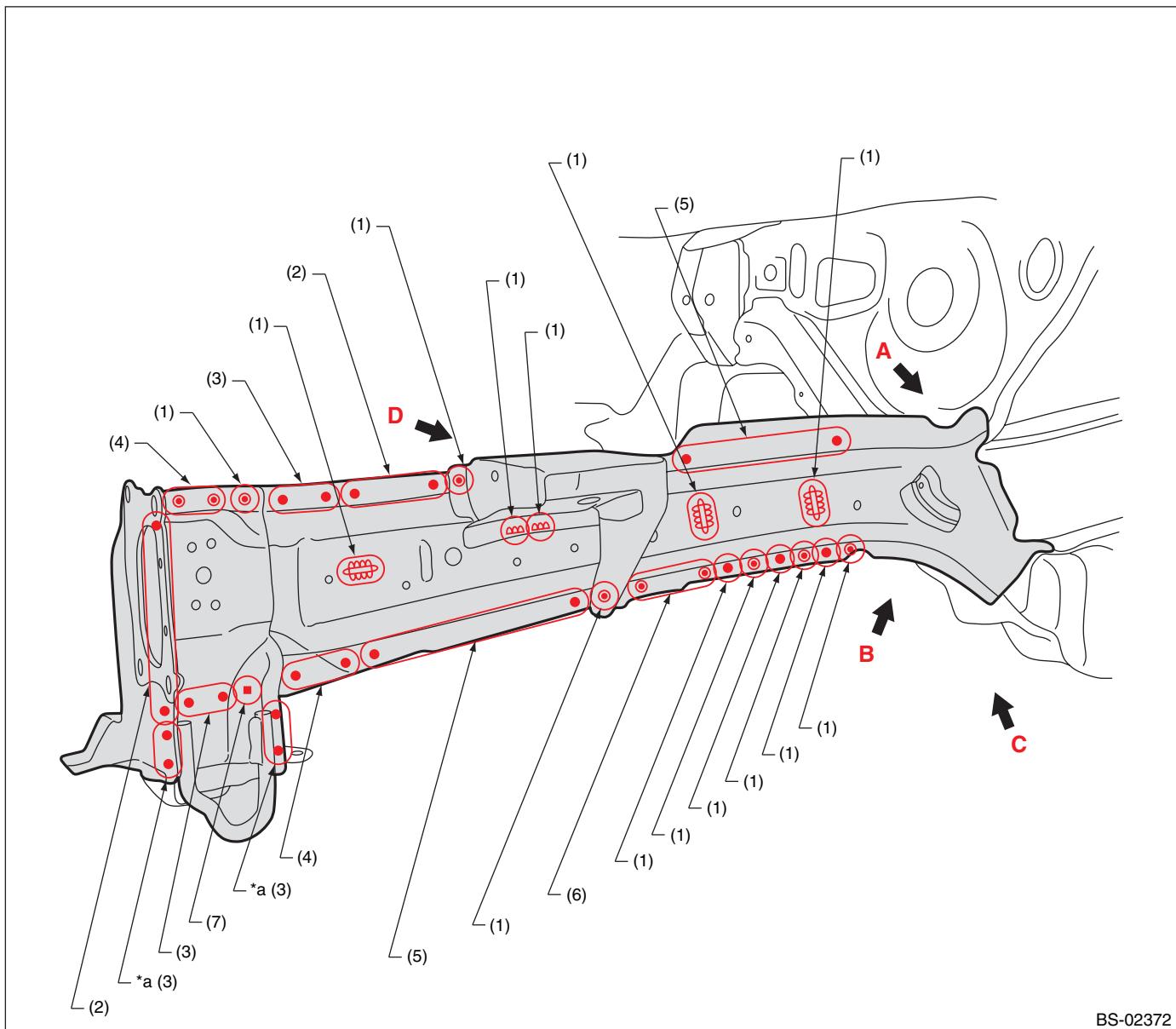
BS-02371

(1) 1 point (top · 1)	(5) 2 points (bottom · 2)	(9) 1 point (outside · 1)
(2) 4 points (outside · 1)	(6) 1 point (bottom · 1)	(10) 3 points (outside · 1)
(3) 3 points (inside · 1)	(7) 3 points (bottom · 1)	(11) 6 points (inside · 1)
(4) 1 point (inside · 2)	(8) 1 point (inside · 1)	

## Front Side Frame (total replacement)

### B: INSTALLATION

- Overall view



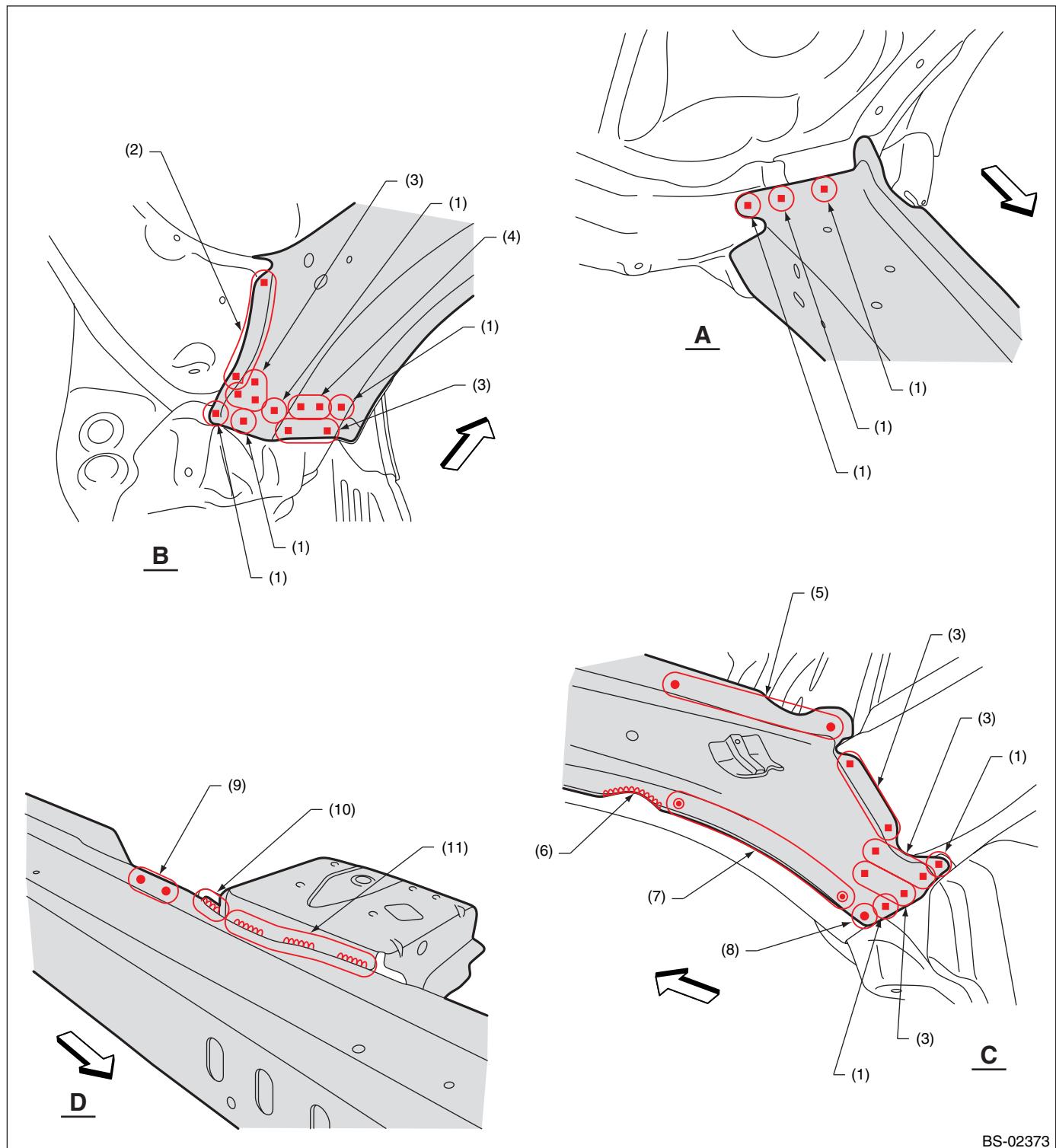
BS-02372

(1) 1 point	(4) 3 points	(7) 1 point (service)
(2) 4 points	(5) 9 points	
(3) 2 points	(6) 5 points	

POINT: \* For part a, spot welding is performed before tie-down hook installation, and then the tie-down hook is installed.

# Front Side Frame (total replacement)

- Views



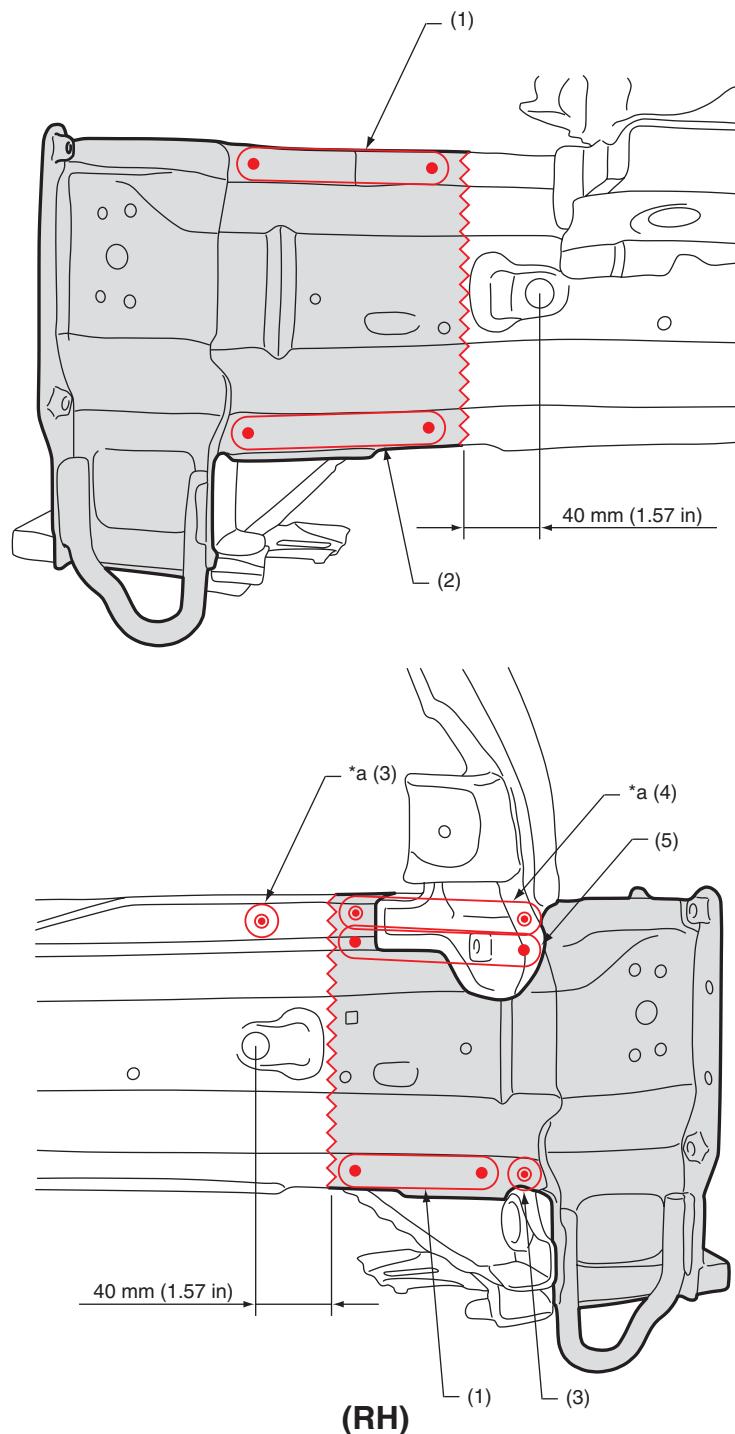
(1) 1 point (service)	(5) 5 points	(9) 3 points
(2) 4 points (service)	(6) 1 point [50 mm (1.97 in)]	(10) 1 point [20 mm (0.79 in)]
(3) 3 points (service)	(7) 6 points	(11) 3 points [25 mm (0.98 in)]
(4) 2 points (service)	(8) 1 point	

BS-02373

## Closing Plate (partial replacement)

### 15.Closing Plate (partial replacement)

#### A: REMOVAL



BS-02817

(1) 4 points (outside · 1)

(2) 5 points (outside · 1)

(3) 1 point (outside · 1)

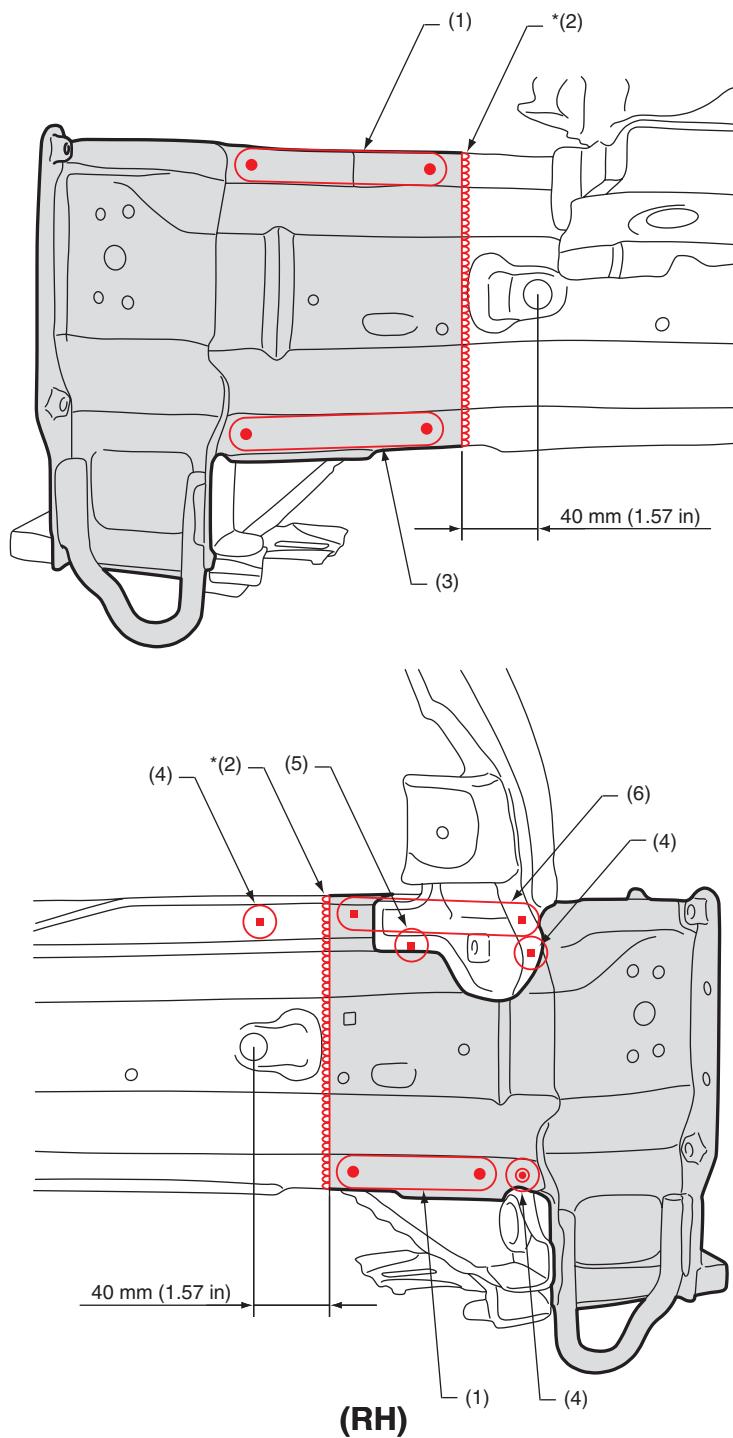
(4) 2 points (outside · 2)

(5) 2 points (outside · 1)

Point: \* For part a, a part of the front wheel apron is raised to facilitate closing plate cutting.

## Closing Plate (partial replacement)

### B: INSTALLATION



BS-02818

(1) 4 points

(2) 1 point [160 mm (6.30 in)]

(3) 5 points

(4) 1 point

(5) 1 point (service)

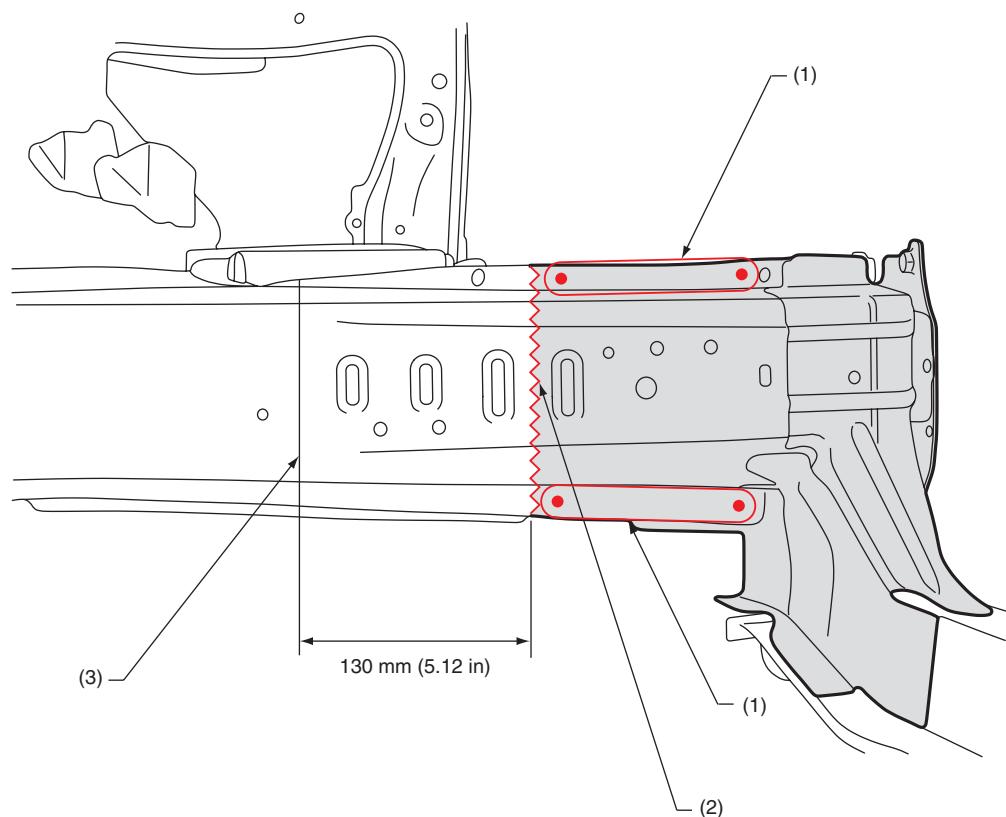
(6) 2 points (service · matching)

For continuous welds marked by \*, anticorrosion wax shall be applied thoroughly on the rear.

## 16. Front Side Frame (partial replacement)

### A: REMOVAL

#### 1) Radiator panel removal condition



BS-02819

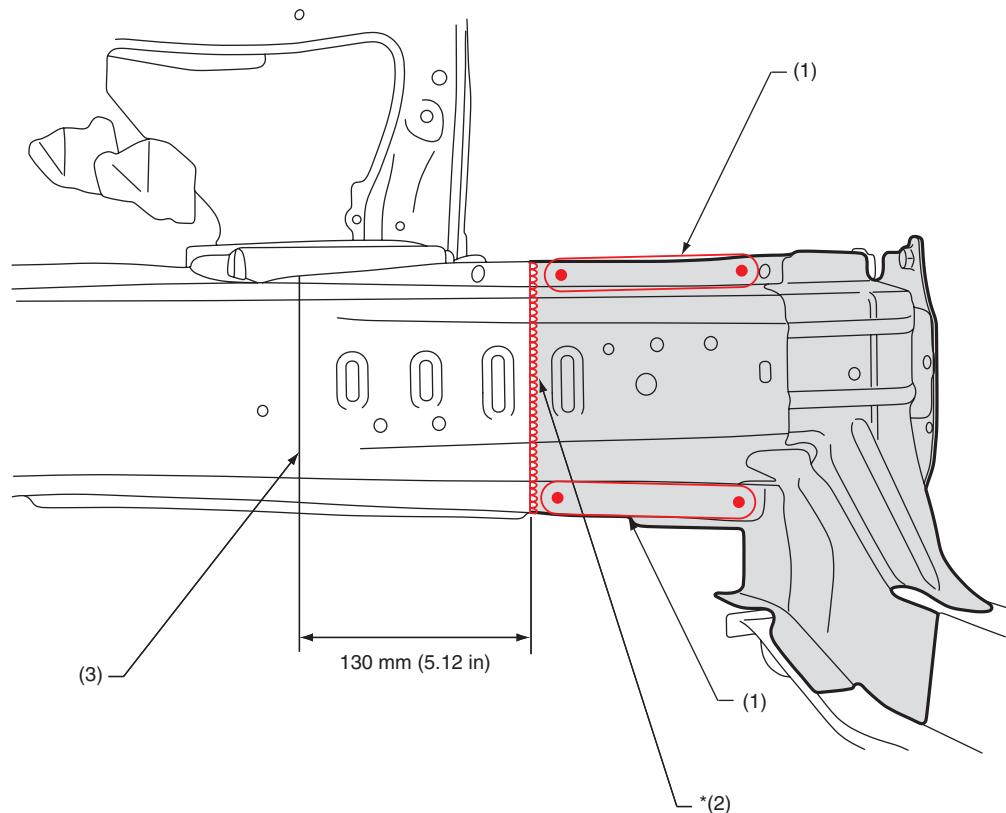
(1) 6 points (inside · 1)

(2) Cut position [220 mm (8.66 in)],  
for butt welding

(3) Tailored line

## Front Side Frame (partial replacement)

### B: INSTALLATION



BS-02820

(1) 6 points

(2) 1 point [220 mm (8.66 in)]

(3) Tailored line

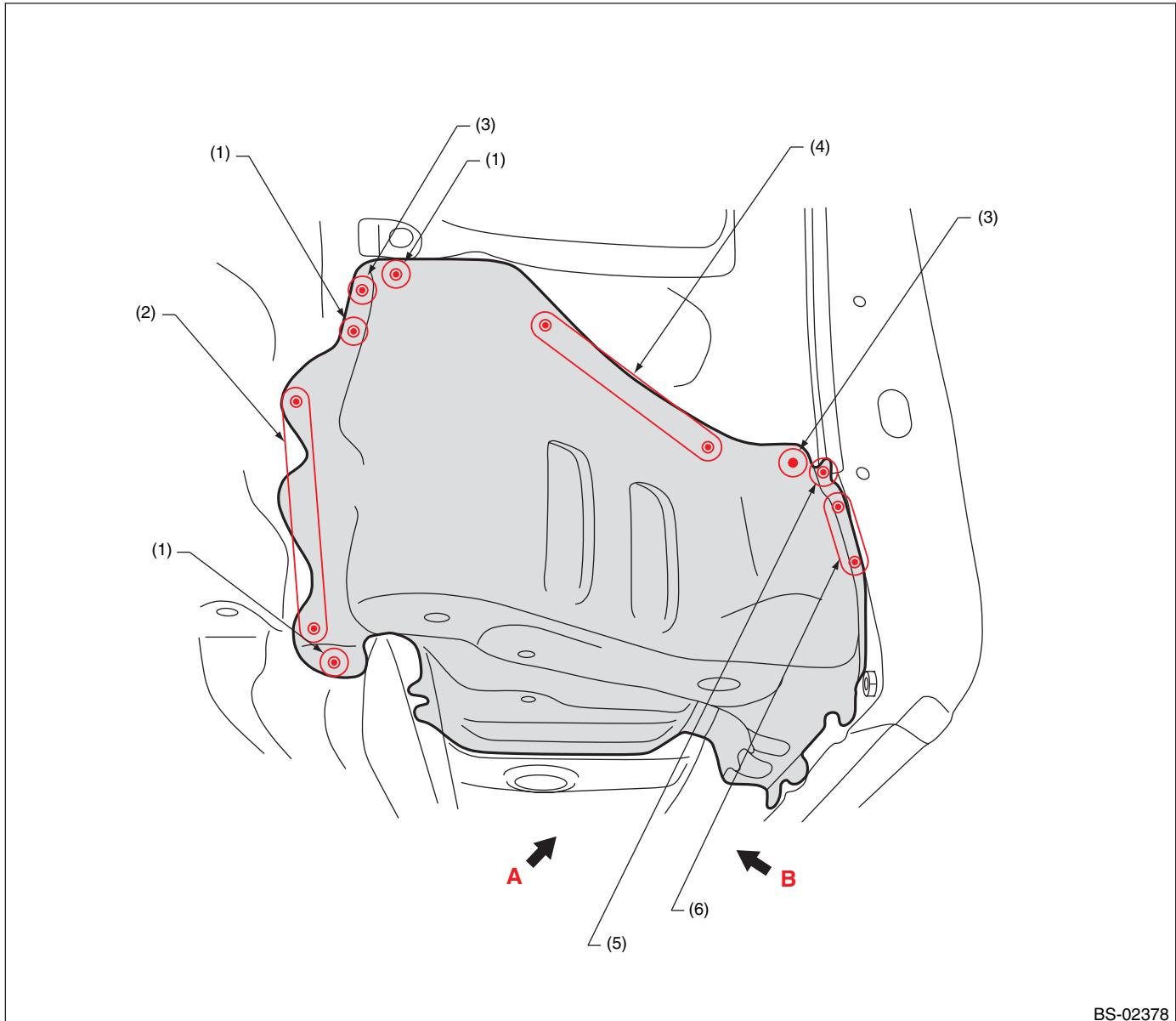
For continuous welds marked by \*, anticorrosion wax shall be applied thoroughly on the rear.

## Toe Board Lower Reinforcement (total replacement)

### 17. Toe Board Lower Reinforcement (total replacement)

#### A: REMOVAL

- Overall view



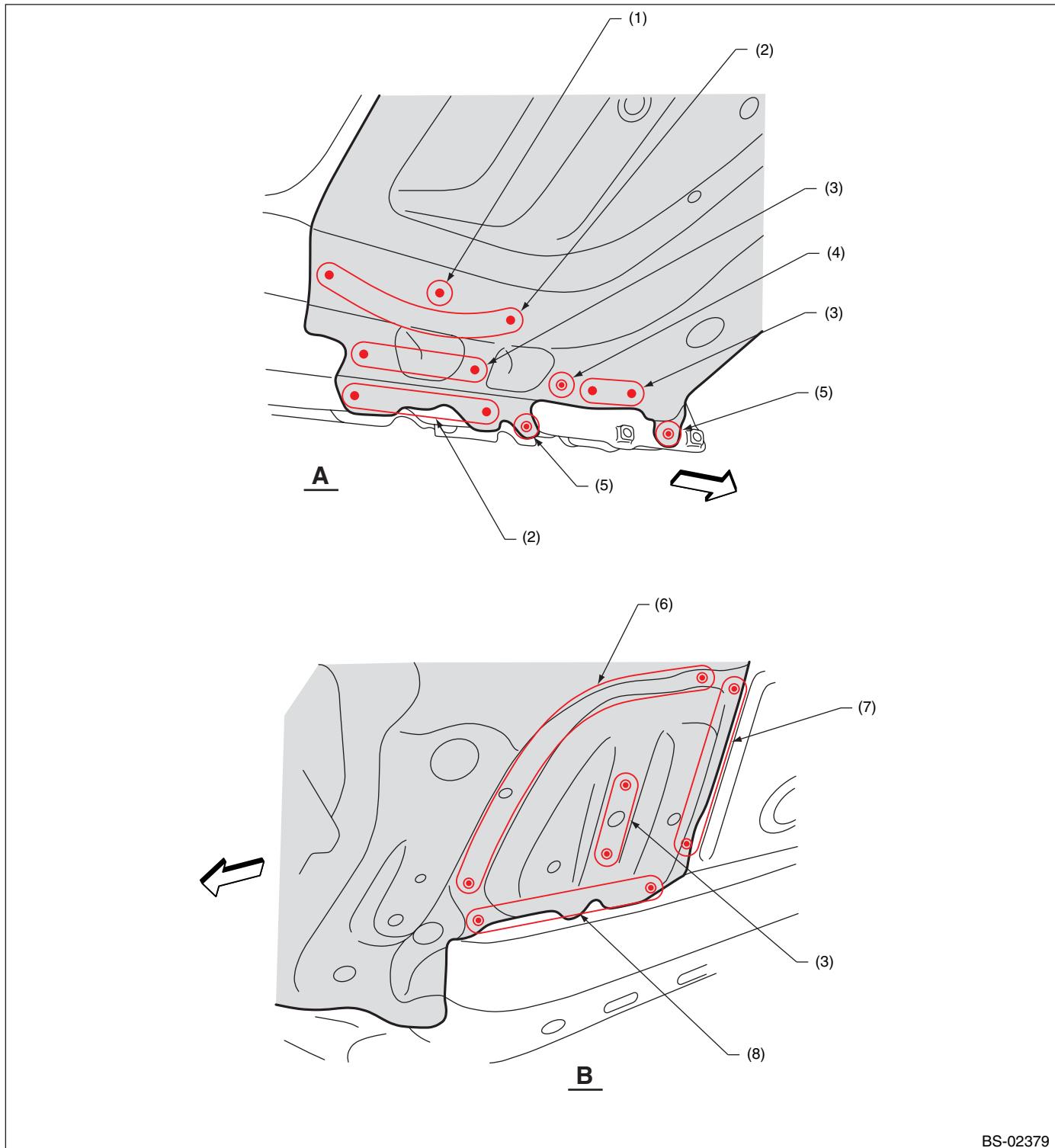
(1) 1 point (bottom · 1)  
(2) 3 points (bottom · 1)

(3) 1 point (outside · 1)  
(4) 3 points (outside · 1)

(5) 1 point (inside · 1, belt sander)  
(6) 2 points (inside · 1, belt sander)

# Toe Board Lower Reinforcement (total replacement)

- Views



BS-02379

- (1) 1 point (inside · 1, belt sander)
- (2) 2 points (inside · 1)
- (3) 2 points (bottom · 1)

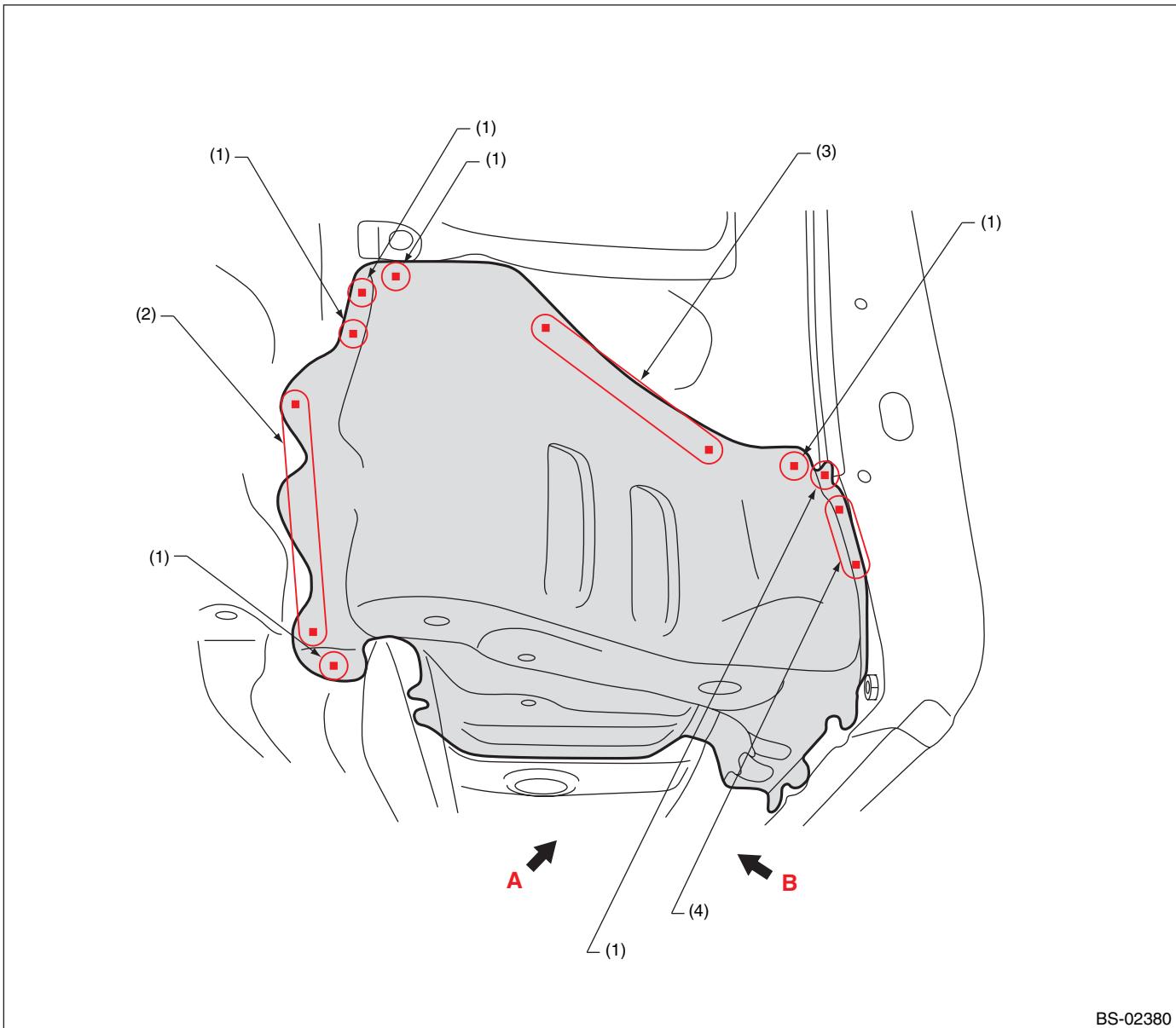
- (4) 1 point (bottom · 1)
- (5) 1 point (inside · 1)
- (6) 8 points (bottom · 1)

- (7) 3 points (bottom · 1)
- (8) 4 points (bottom · 1)

## Toe Board Lower Reinforcement (total replacement)

### B: INSTALLATION

- Overall view



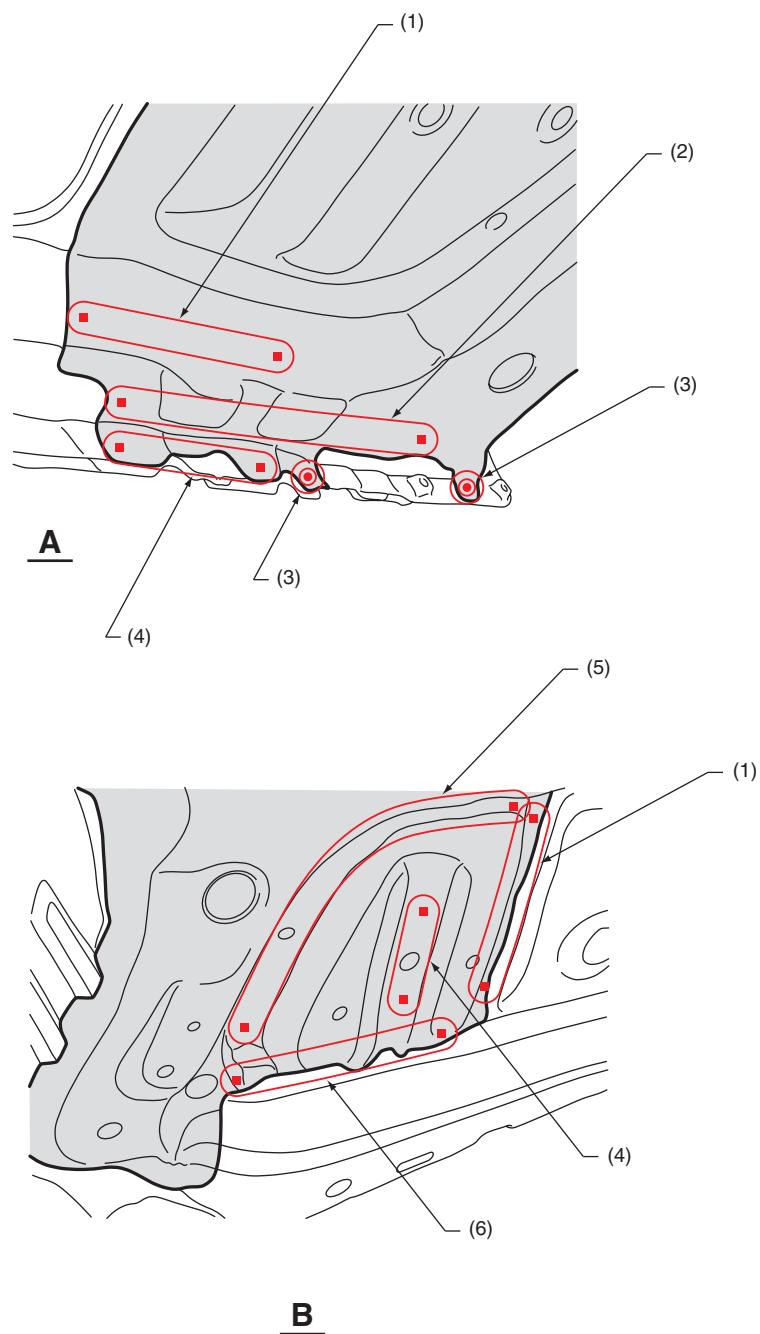
(1) 1 point (service)  
(2) 3 points (service)

(3) 3 points

(4) 2 points (service)

# Toe Board Lower Reinforcement (total replacement)

- Views



BS-02381

(1) 3 points (service)  
(2) 5 points (service)

(3) 1 point  
(4) 2 points (service)

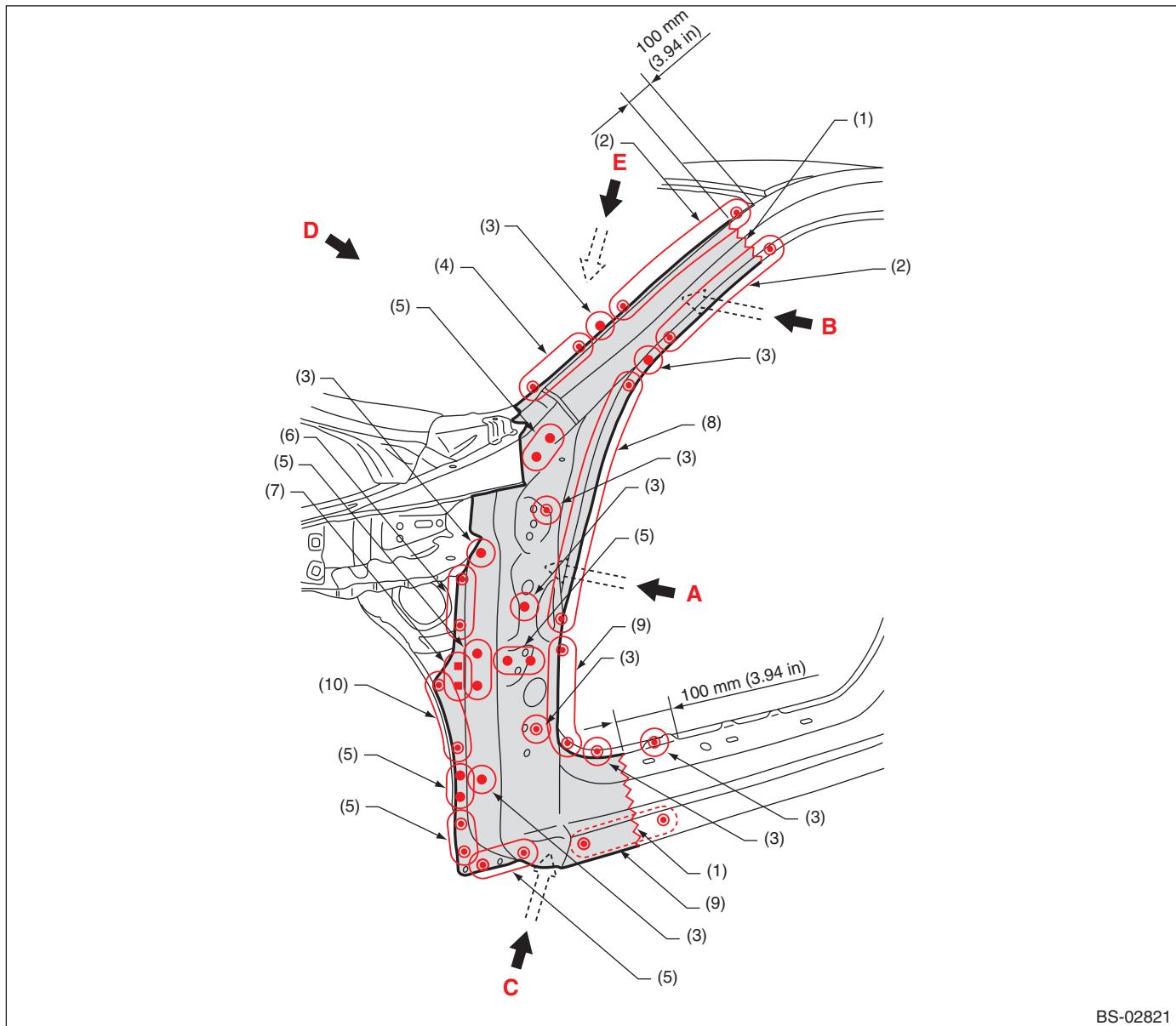
(5) 8 points (service)  
(6) 4 points (service)

## 18. Front Pillar (partial replacement)

### A: REMOVAL

1) Side upper frame removal condition

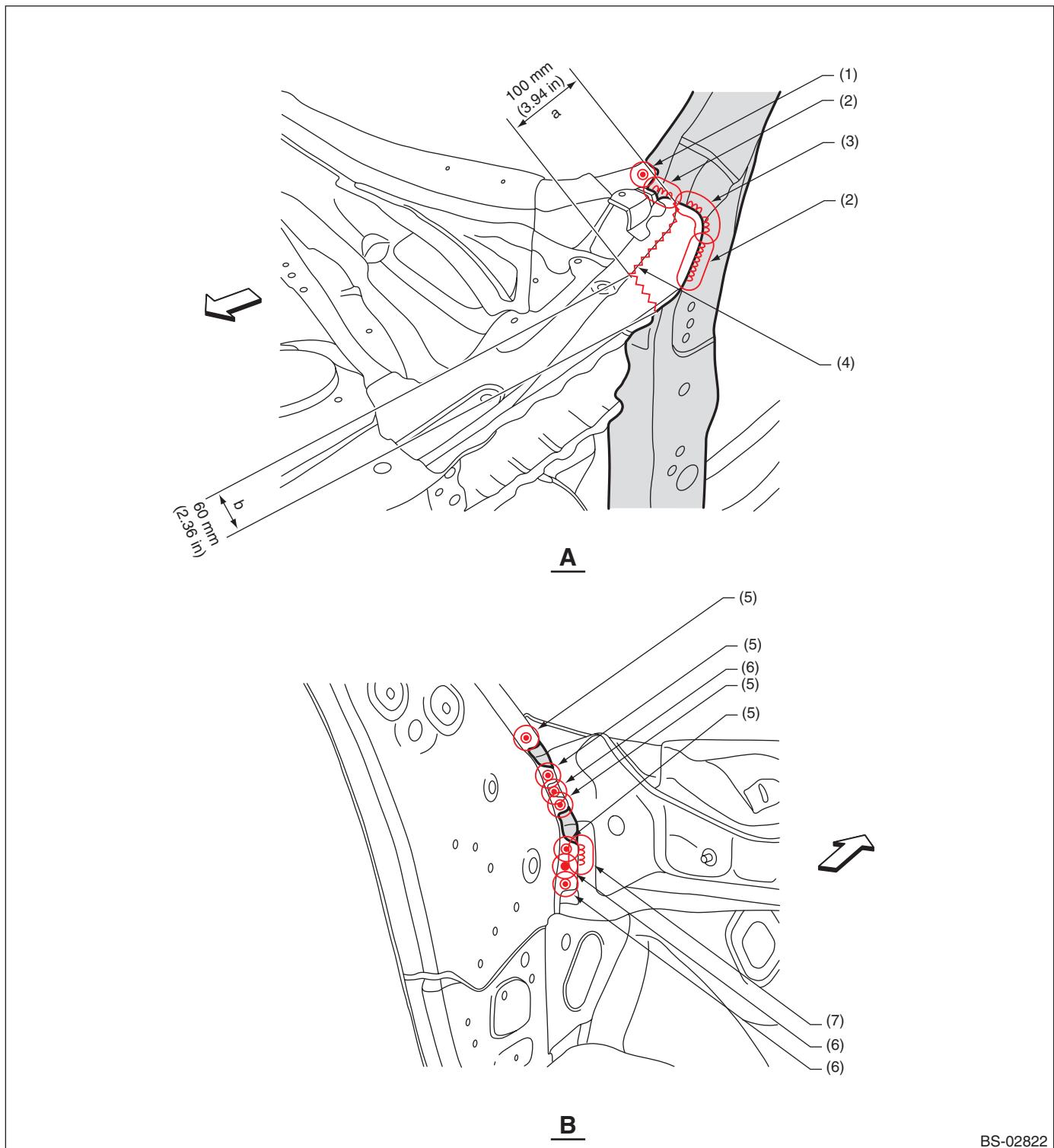
- Overall view



(1) Rough cutting	(5) 2 points (outside · 1)	(9) 5 points (outside · 1)
(2) 9 points (outside · 1)	(6) 4 points (outside · 1)	(10) 7 points (outside · 1)
(3) 1 point (outside · 1)	(7) 2 points (outside · 1, belt sander)	
(4) 3 points (outside · 1)	(8) 8 points (outside · 1)	

## Front Pillar (partial replacement)

### • Views 1



(1) 1 point (outside · 2)

(2) 1 point (outside · belt sander)

(3) 2 points (outside · belt sander)

(4) Rough cutting

(5) 1 point (inside · 2)

(6) 1 point (inside · 1)

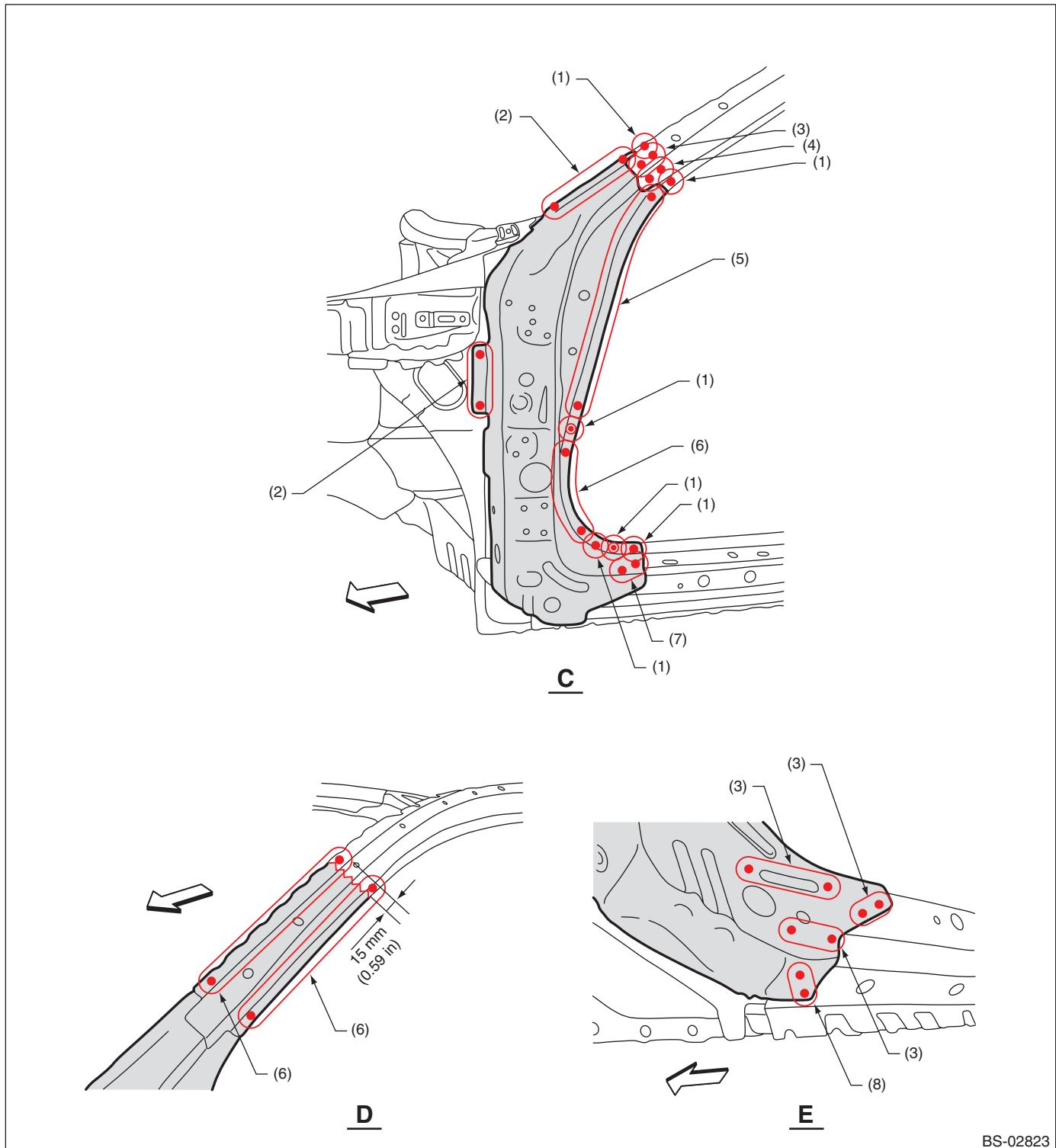
(7) 1 point (inside · belt sander)

BS-02822

POINT: To facilitate removal, a part of the front panel is cut with dimensions such as a and b.

## Front Pillar (partial replacement)

### • Views 2



BS-02823

- (1) 1 point (outside · 1)
- (2) 4 points (outside · 1)
- (3) 2 points (outside · 1)

- (4) 2 points (inside · 1)
- (5) 9 points (outside · 1)
- (6) 7 points (outside · 1)

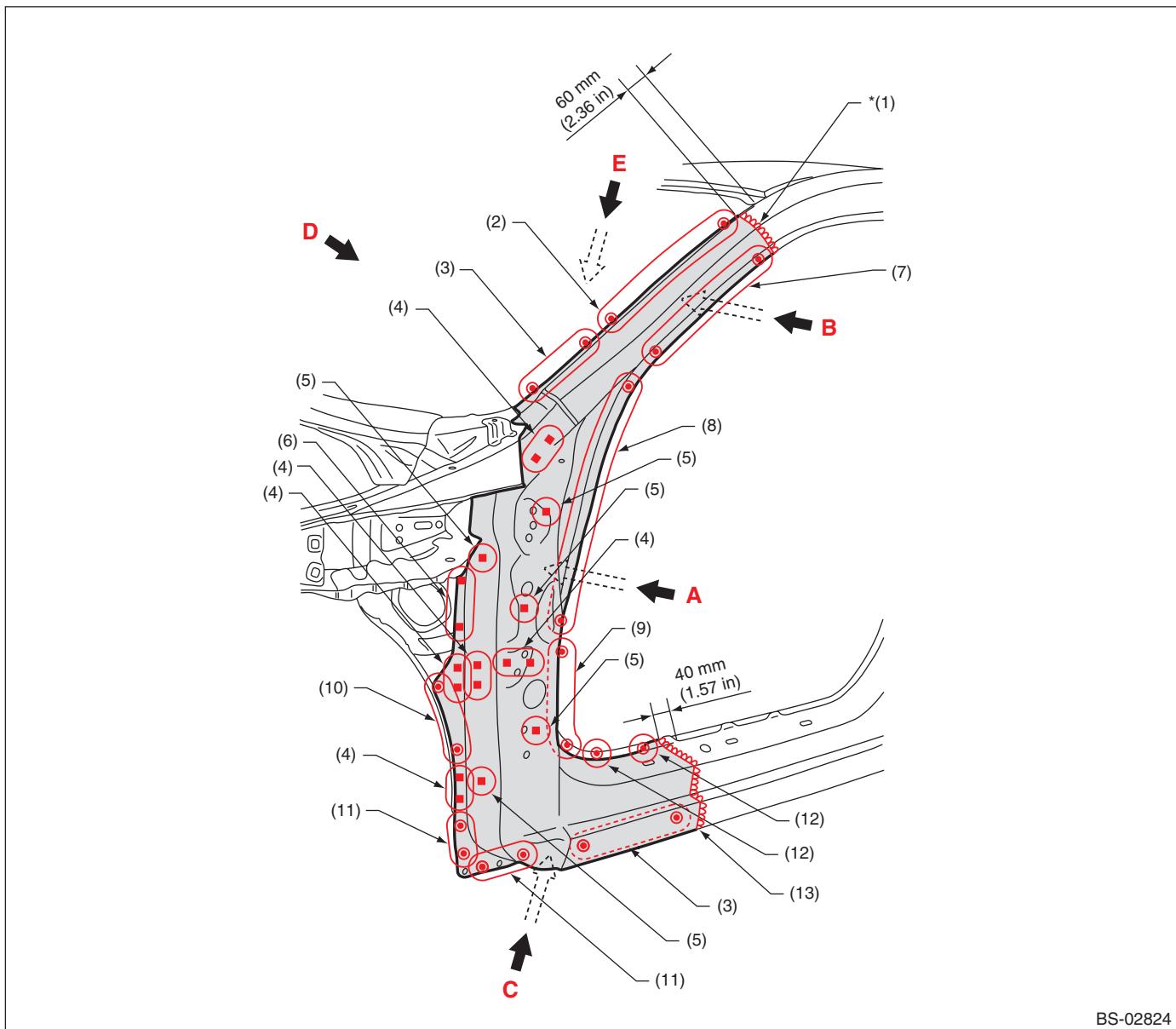
- (7) 2 points (top · 1)
- (8) 2 points (bottom · 1)

Views C, D and E show the side panel outer front removal condition.

# Front Pillar (partial replacement)

## B: INSTALLATION

- Overall view

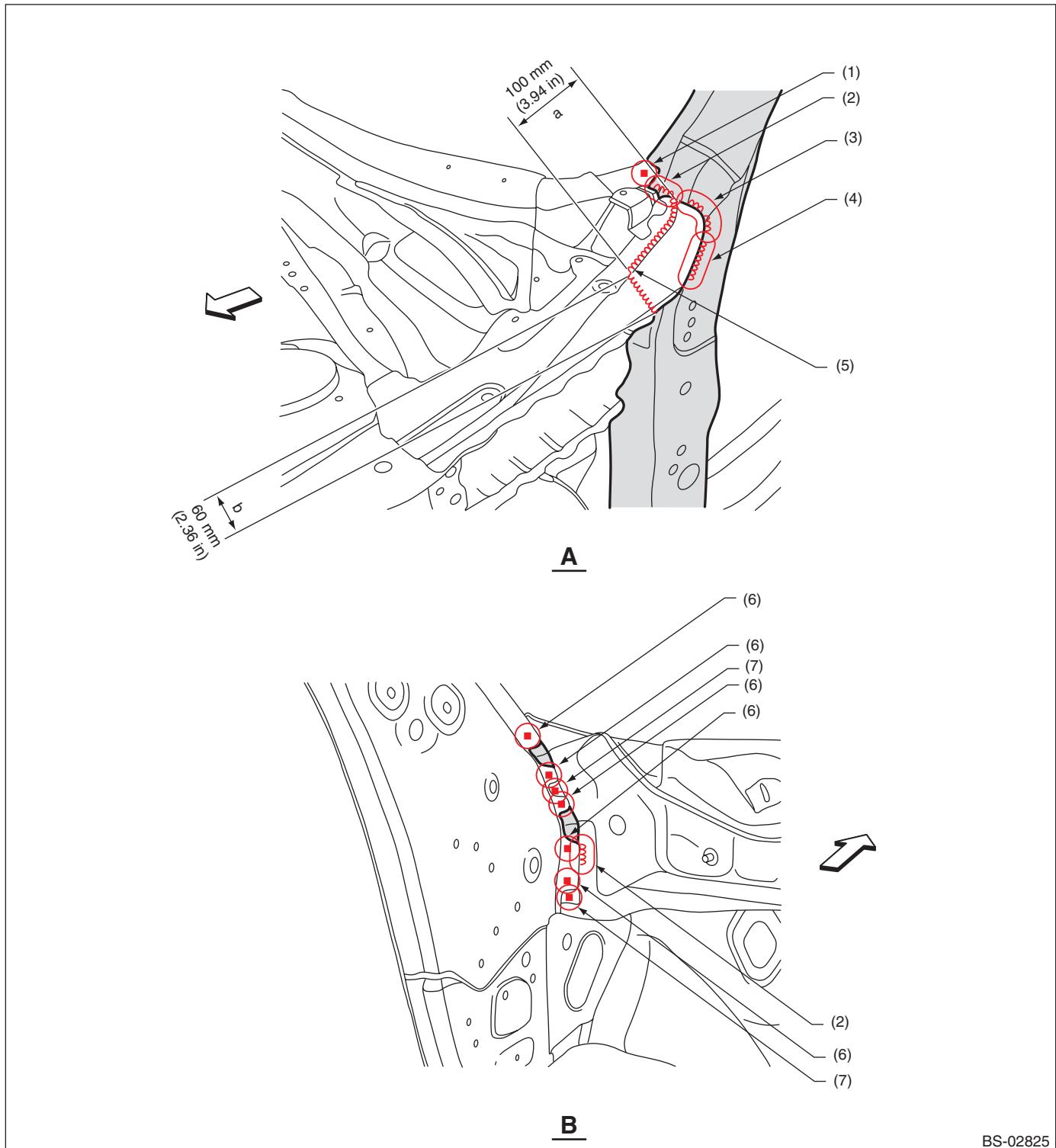


(1) 1 point [175 mm (6.89 in)]	(6) 4 points (service)	(11) 2 points
(2) 8 points	(7) 9 points	(12) 1 point
(3) 5 points	(8) 11 points	(13) 1 point [340 mm (13.39 in)]
(4) 2 points (service)	(9) 6 points	
(5) 1 point (service)	(10) 7 points	

For continuous welds marked by \*, anticorrosion wax shall be applied thoroughly on the rear.

# Front Pillar (partial replacement)

## • Views 1



BS-02825

- (1) 1 point (service · matching)
- (2) 1 point [20 mm (0.79 in)]
- (3) 2 points [15 mm (0.59 in)]

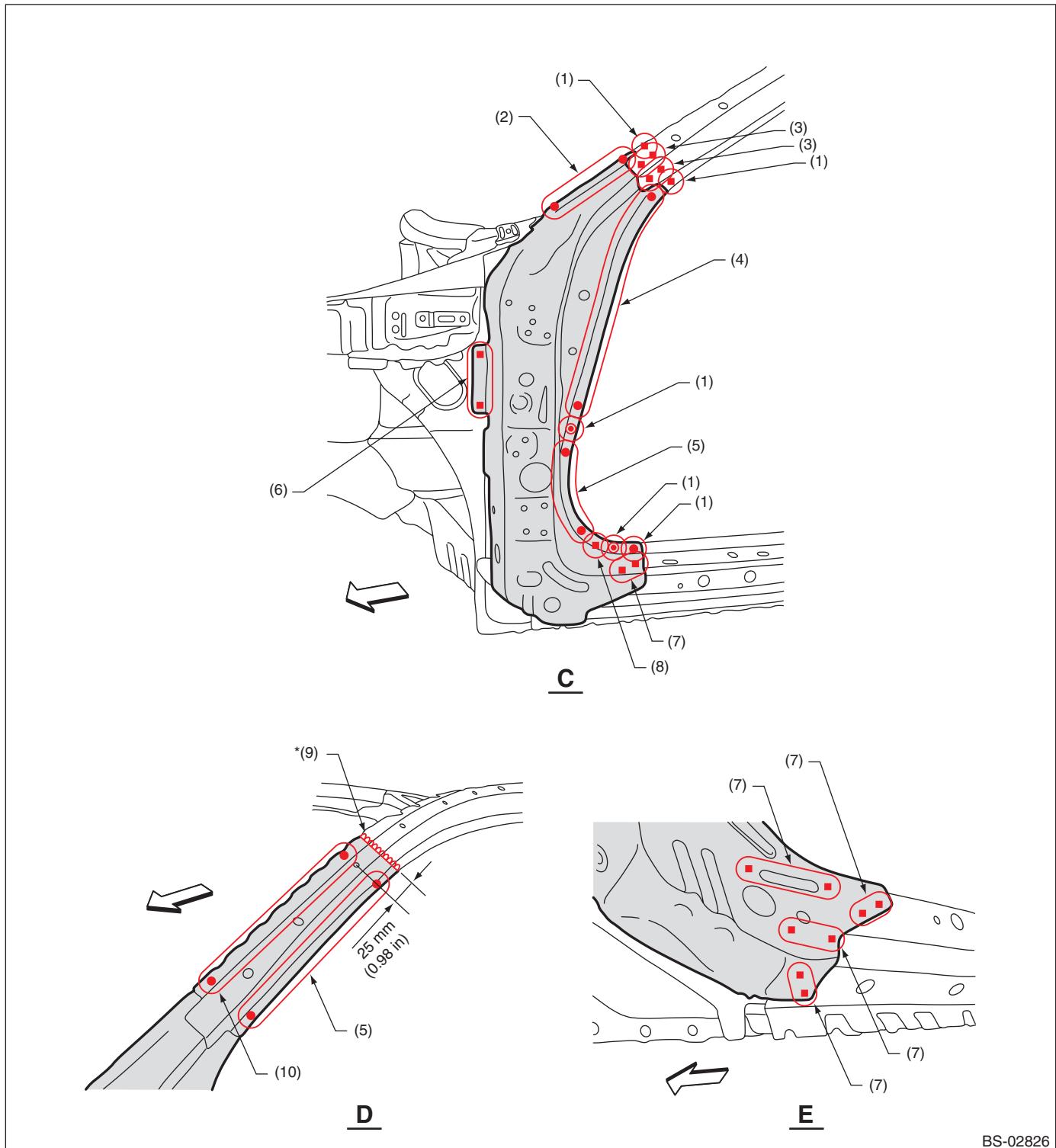
- (4) 1 point [40 mm (1.57 in)]
- (5) 1 point [160 mm (6.30 in)]
- (6) 1 point

- (7) 1 point (service)

POINT: The cut parts a and b are welded after side panel outer front installation.

# Front Pillar (partial replacement)

## • Views 2



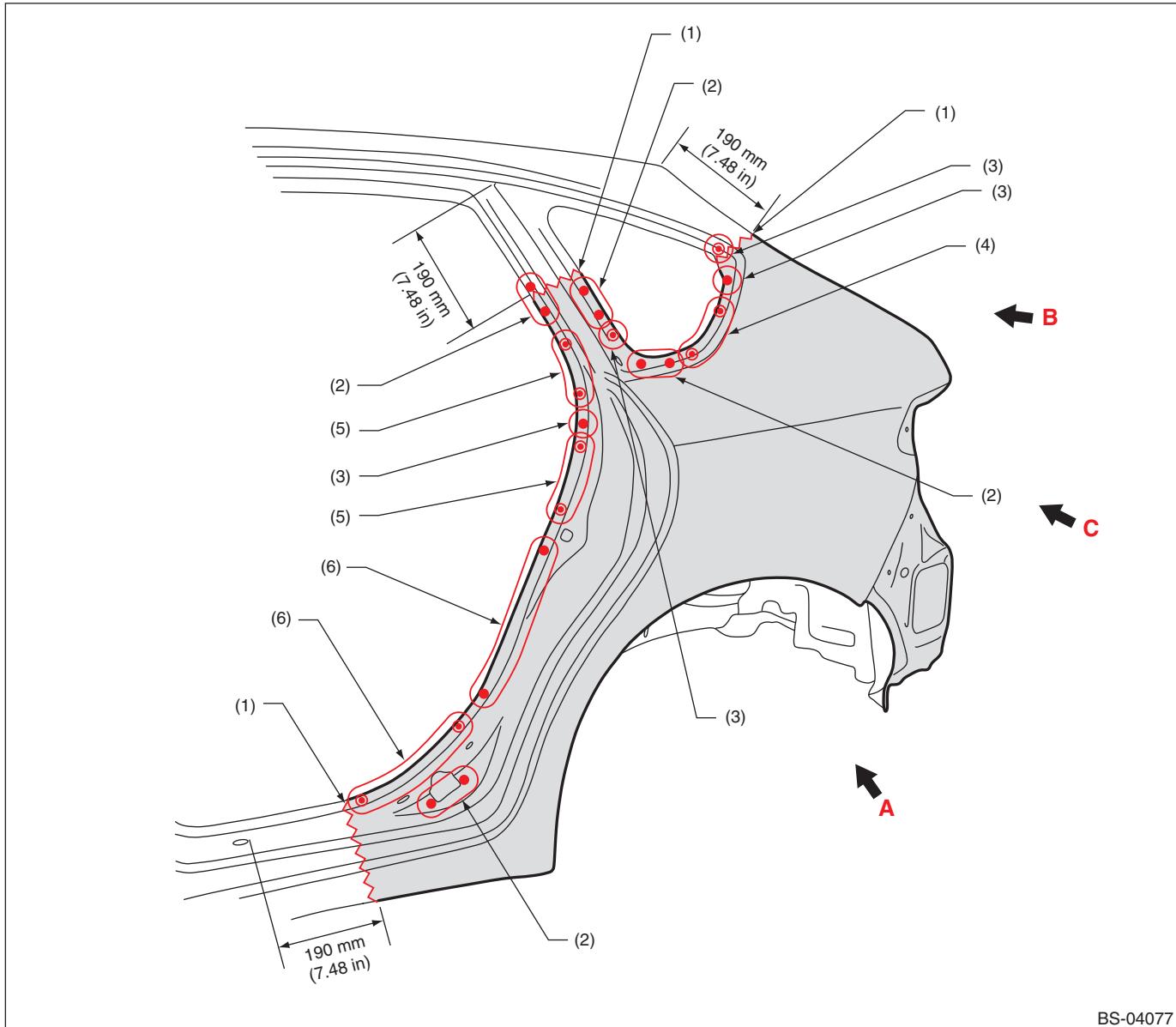
(1)	1 point	(5)	8 points	(9)	1 point [140 mm (5.51 in)]
(2)	5 points	(6)	4 points	(10)	7 points
(3)	2 points	(7)	2 points (service)		
(4)	11 points	(8)	1 point (service)		

For continuous welds marked by \*, anticorrosion wax shall be applied thoroughly on the rear.

## 19. Rear Quarter (partial replacement)/5 door

### A: REMOVAL

- Overall view



BS-04077

(1) Rough cutting

(2) 2 points (outside · 1)

(3) 1 point (outside · 1)

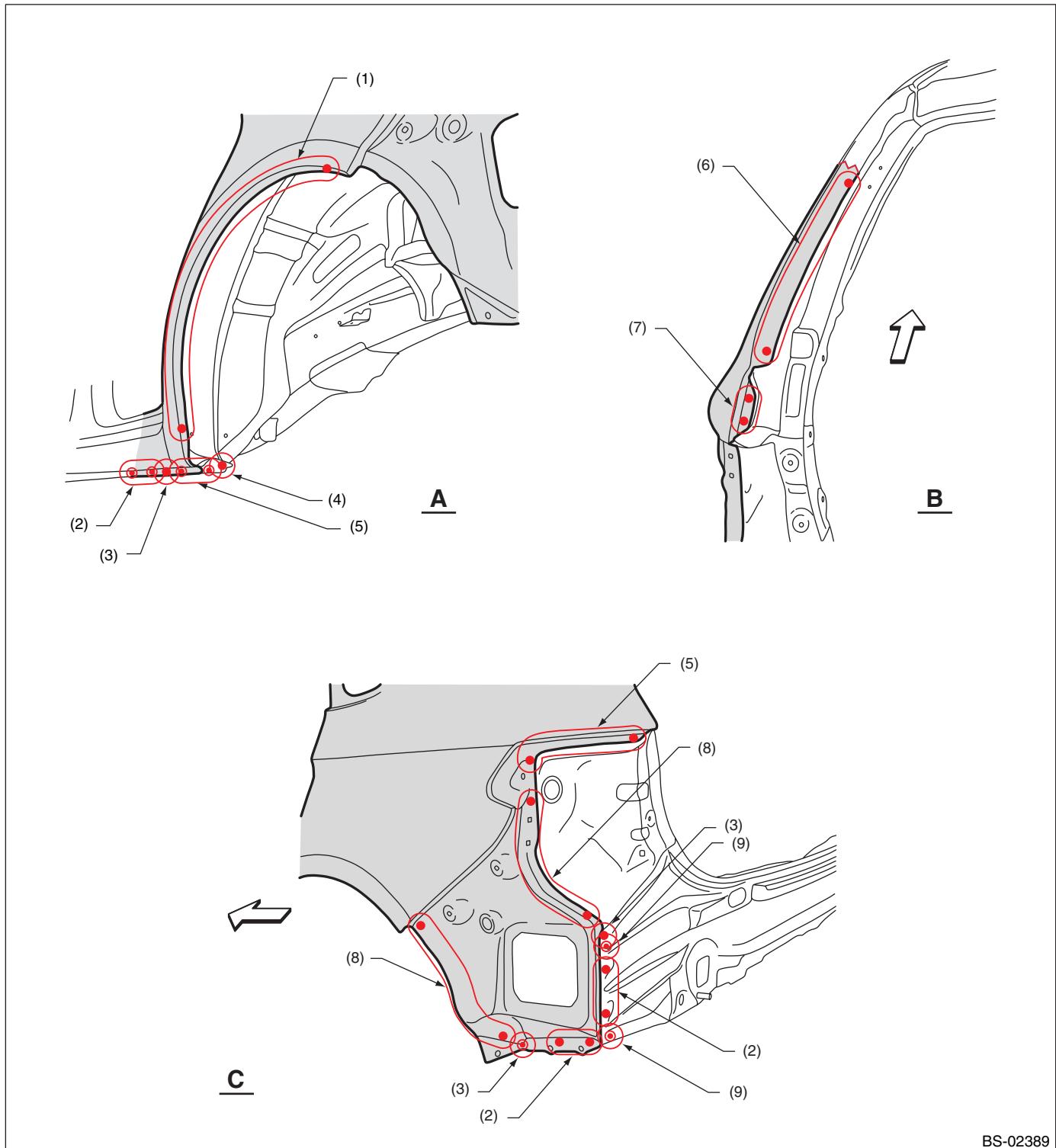
(4) 4 points (outside · 1)

(5) 3 points (outside · 1)

(6) 6 points (outside · 1)

## Rear Quarter (partial replacement)/5 door

### • Views 1



BS-02389

- (1) 13 points (bottom · 1)
- (2) 2 points (outside · 1)
- (3) 1 point (outside · 1)

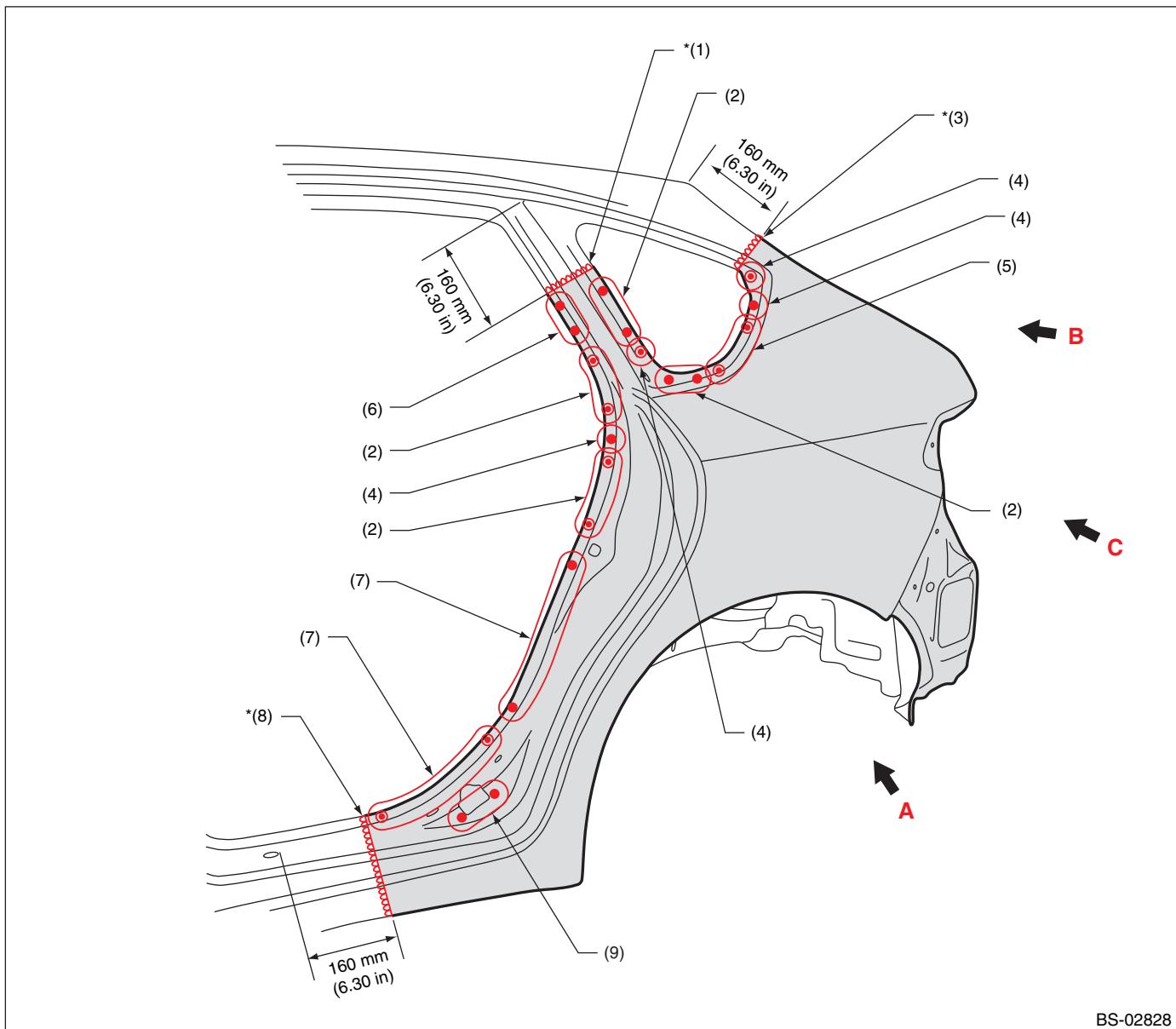
- (4) 1 point (bottom · 1)
- (5) 5 points (outside · 1)
- (6) 7 points (inside · 1)

- (7) 2 points (inside · 1)
- (8) 6 points (outside · 1)
- (9) 1 point (outside · 2)

## Rear Quarter (partial replacement)/5 door

### B: INSTALLATION

- Overall view



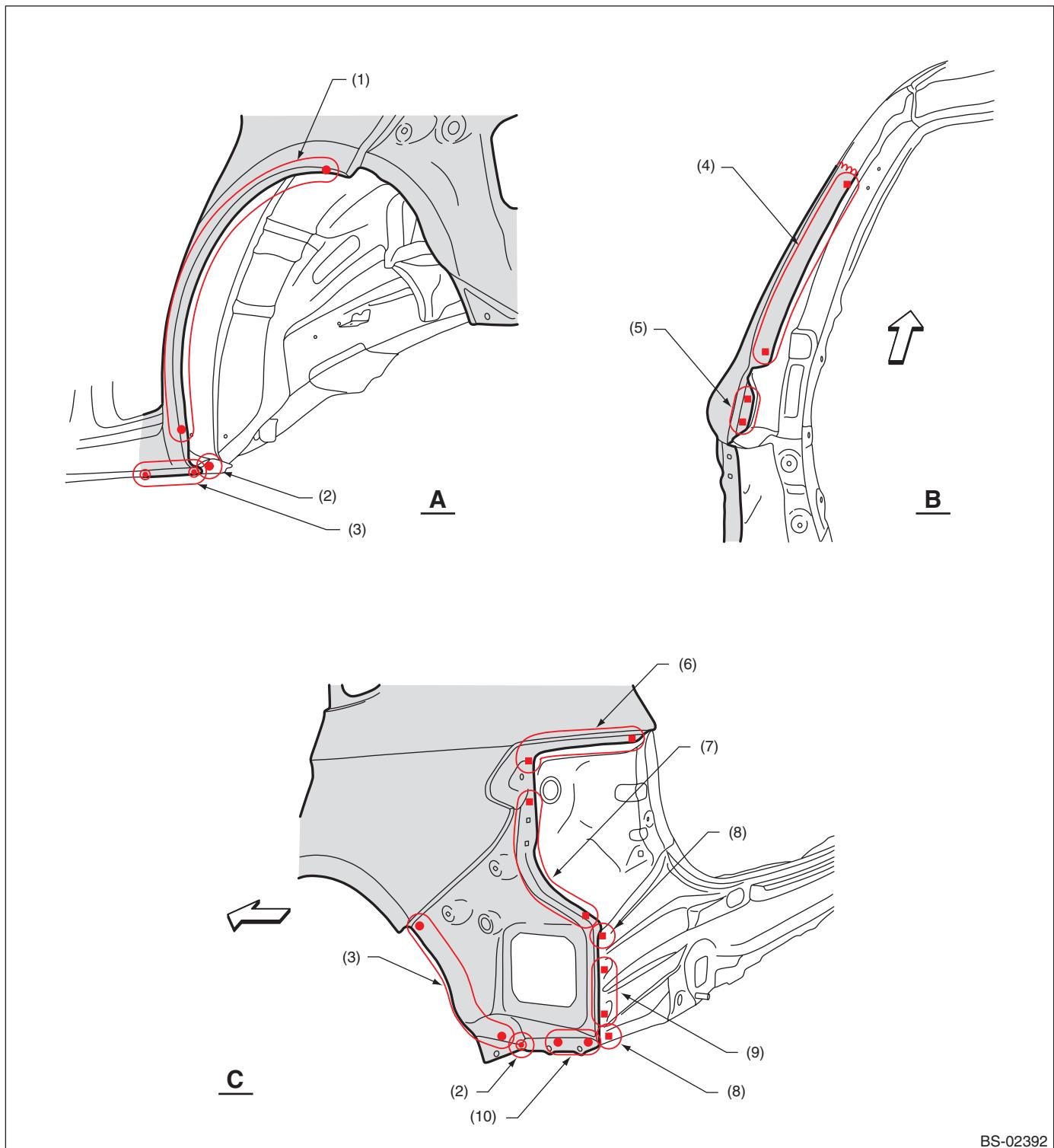
BS-02828

(1) 1 point [105 mm (4.13 in)]	(4) 1 point	(7) 6 points
(2) 3 points	(5) 4 points	(8) 1 point [325 mm (12.80 in)]
(3) 1 point [145 mm (5.71 in)]	(6) 2 points	(9) 2 points (service)

For continuous welds marked by \*, anticorrosion wax shall be applied thoroughly on the rear.

## Rear Quarter (partial replacement)/5 door

### • Views 1



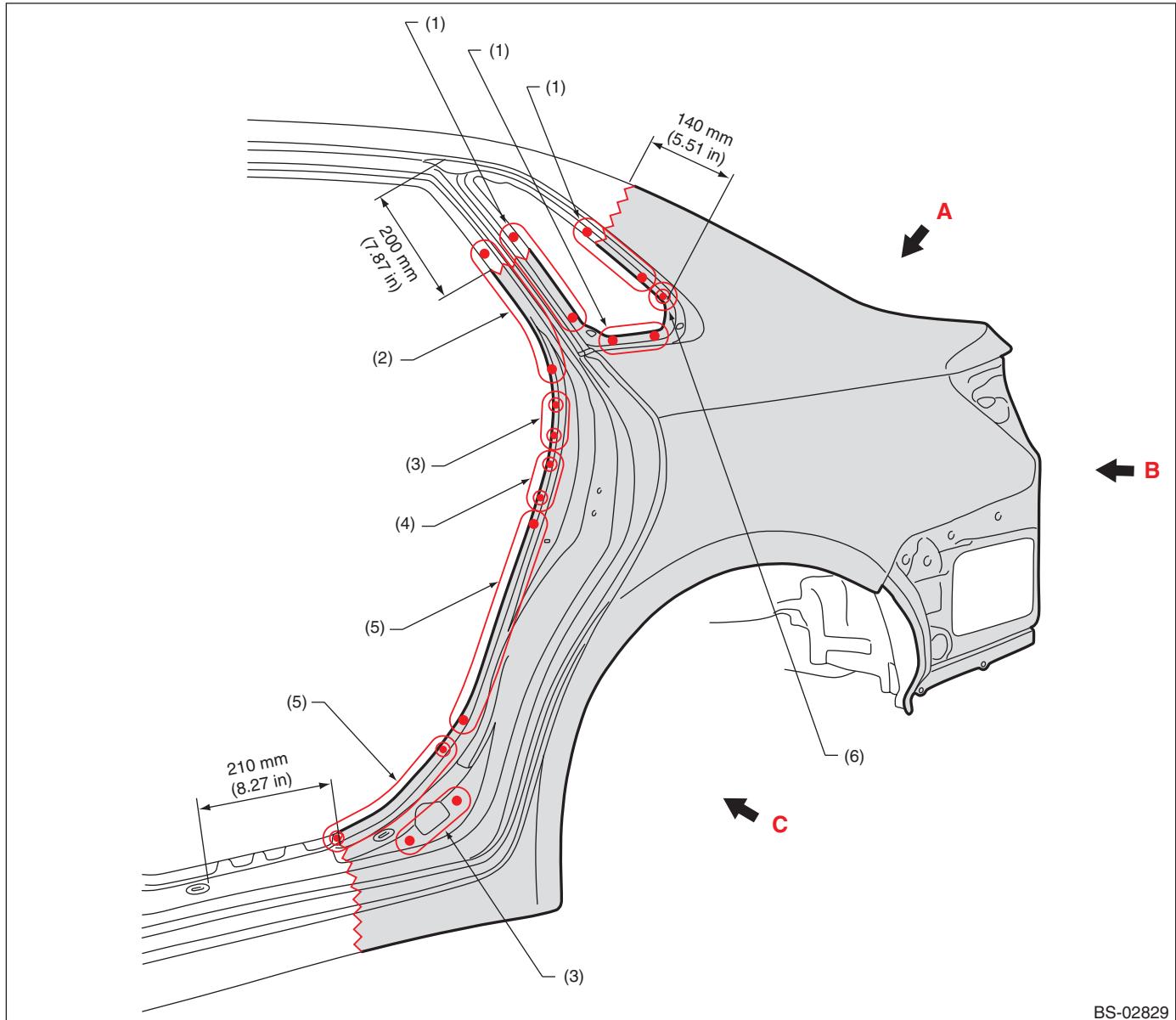
BS-02392

(1) 16 points	(5) 2 points (service)	(9) 2 points
(2) 1 point	(6) 5 points (service)	(10) 3 points
(3) 8 points	(7) 6 points (service)	
(4) 8 points (service)	(8) 1 point (service · matching)	

## 20. Rear Quarter (partial replacement)/4 door

### A: REMOVAL

- Overall view



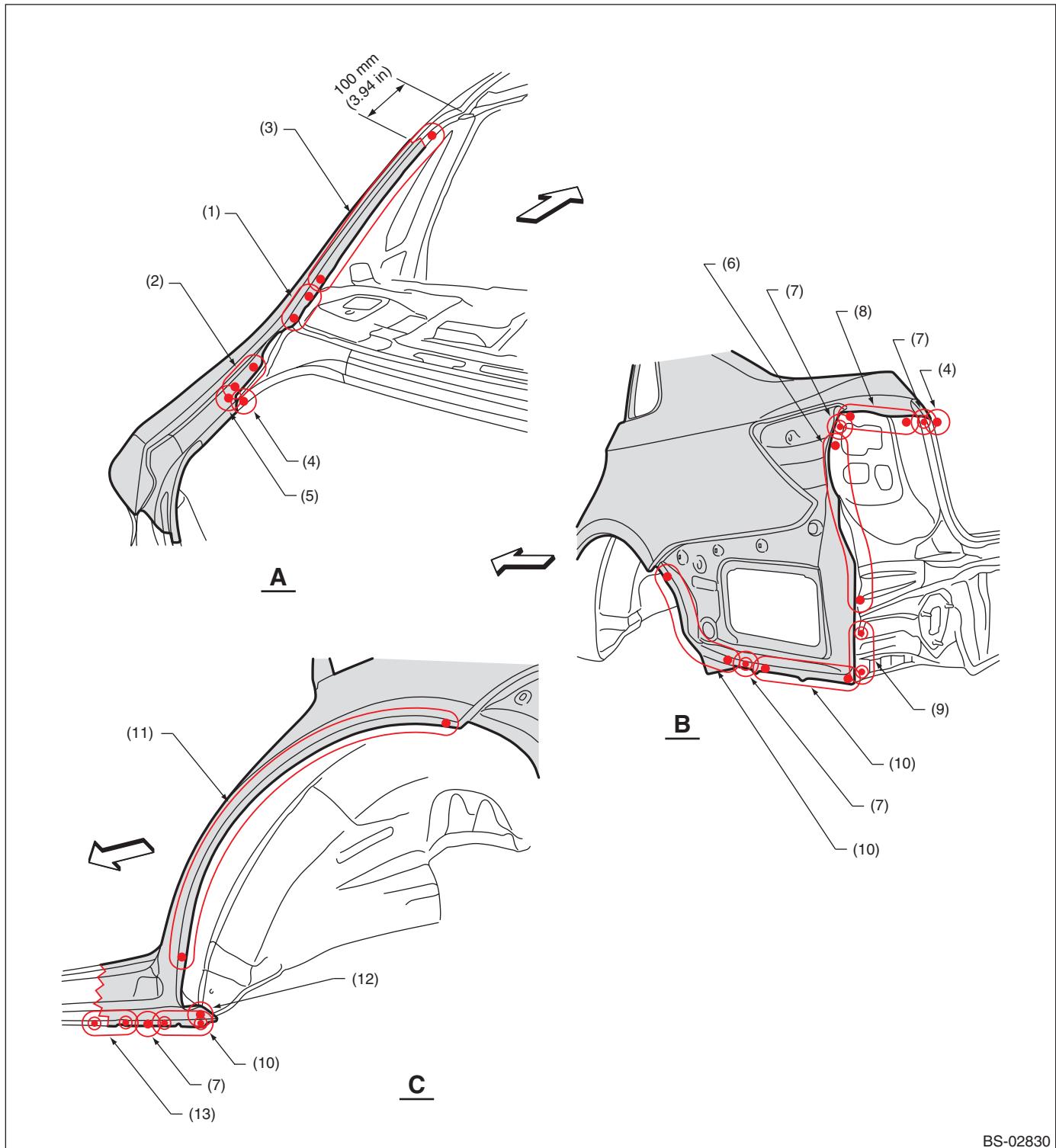
(1) 3 points (outside · 1)  
 (2) 5 points (outside · 1)

(3) 2 points (outside · 1)  
 (4) 2 points (outside · 2)

(5) 6 points (outside · 1)  
 (6) 1 point (outside · 1)

# Rear Quarter (partial replacement)/4 door

- Views

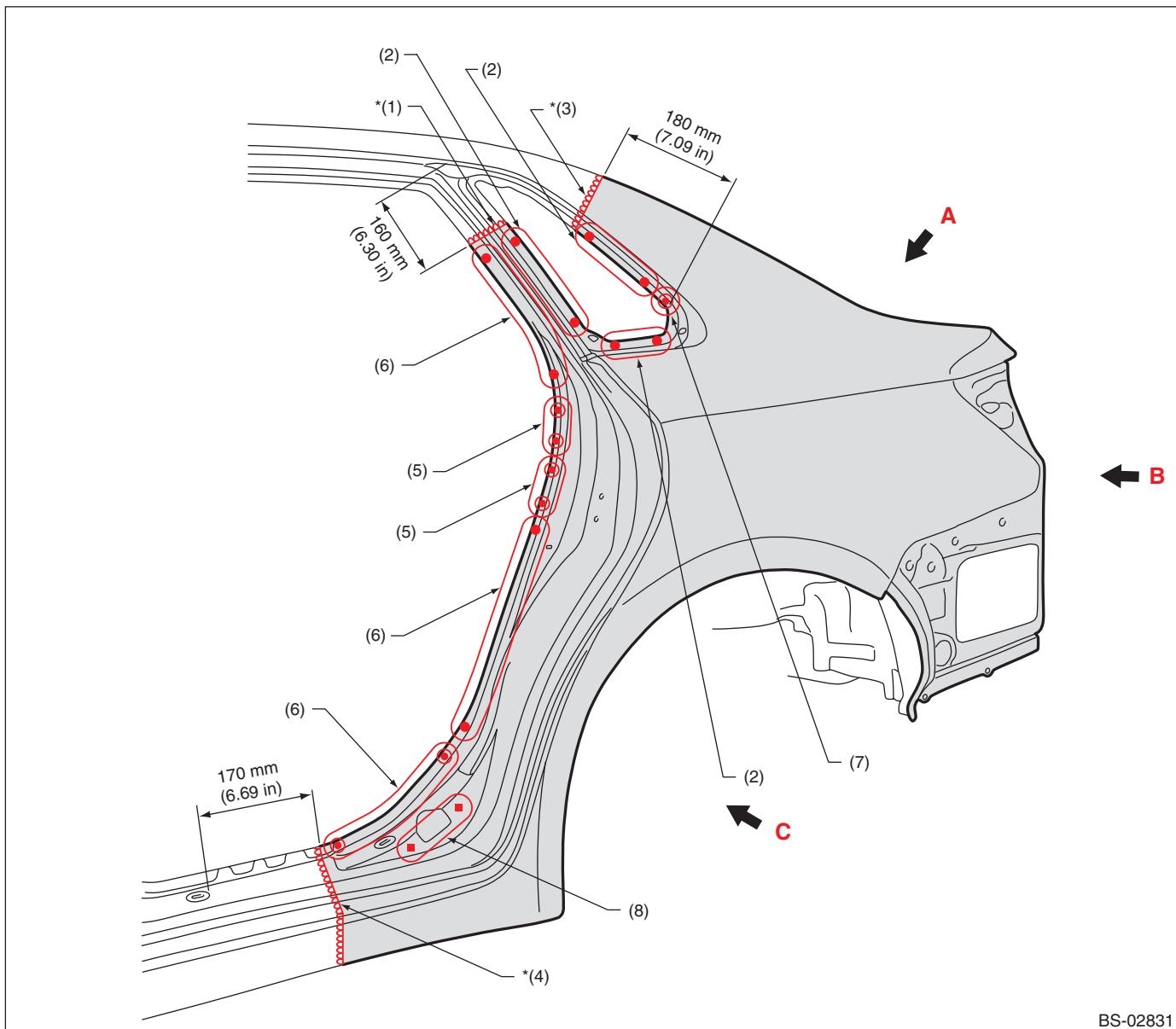


BS-02830

(1) 2 points (top · 1)	(6) 7 points (outside · 1)	(11) 13 points (bottom · 1)
(2) 2 points (inside · 1)	(7) 1 point (outside · 1)	(12) 1 point (bottom · 1)
(3) 8 points (top · 1)	(8) 4 points (outside · 1)	(13) 2 points (outside · 1)
(4) 1 point (inside · 1)	(9) 3 points (outside · 2)	
(5) 1 point (top · 1)	(10) 5 points (outside · 1)	

## B: INSTALLATION

- Overall view



BS-02831

(1) 1 point [90 mm (3.54 in)]

(2) 4 points

(3) 1 point [220 mm (8.66 in)]

(4) 1 point [330 mm (12.99 in)]

(5) 2 points

(6) 6 points

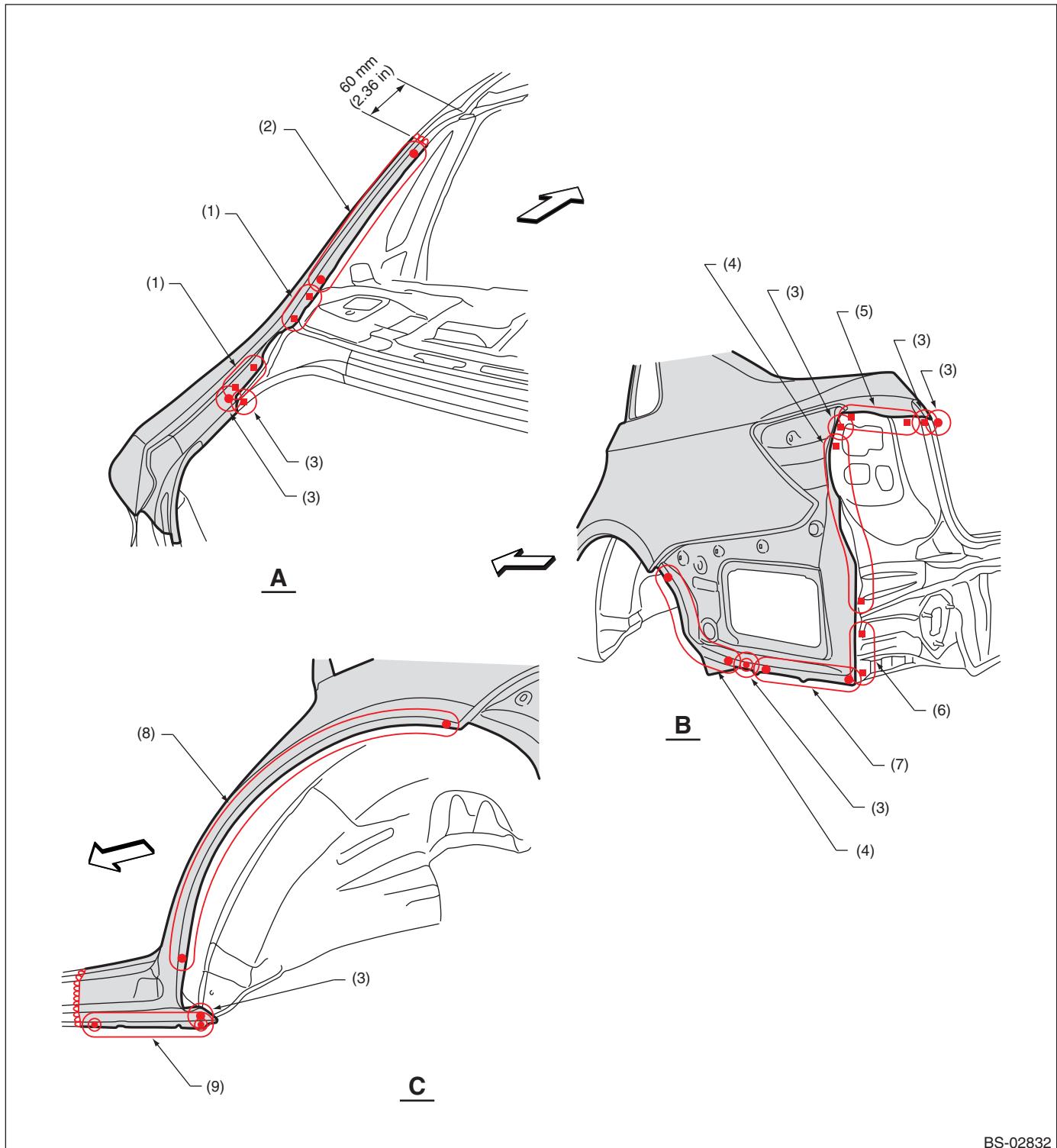
(7) 1 point

(8) 2 points (service)

For continuous welds marked by \*, anticorrosion wax shall be applied thoroughly on the rear.

## Rear Quarter (partial replacement)/4 door

- Views



BS-02832

(1) 2 points (service)

(4) 7 points

(7) 6 points

(2) 10 points

(5) 4 points

(8) 16 points

(3) 1 point

(6) 3 points (service · matching)

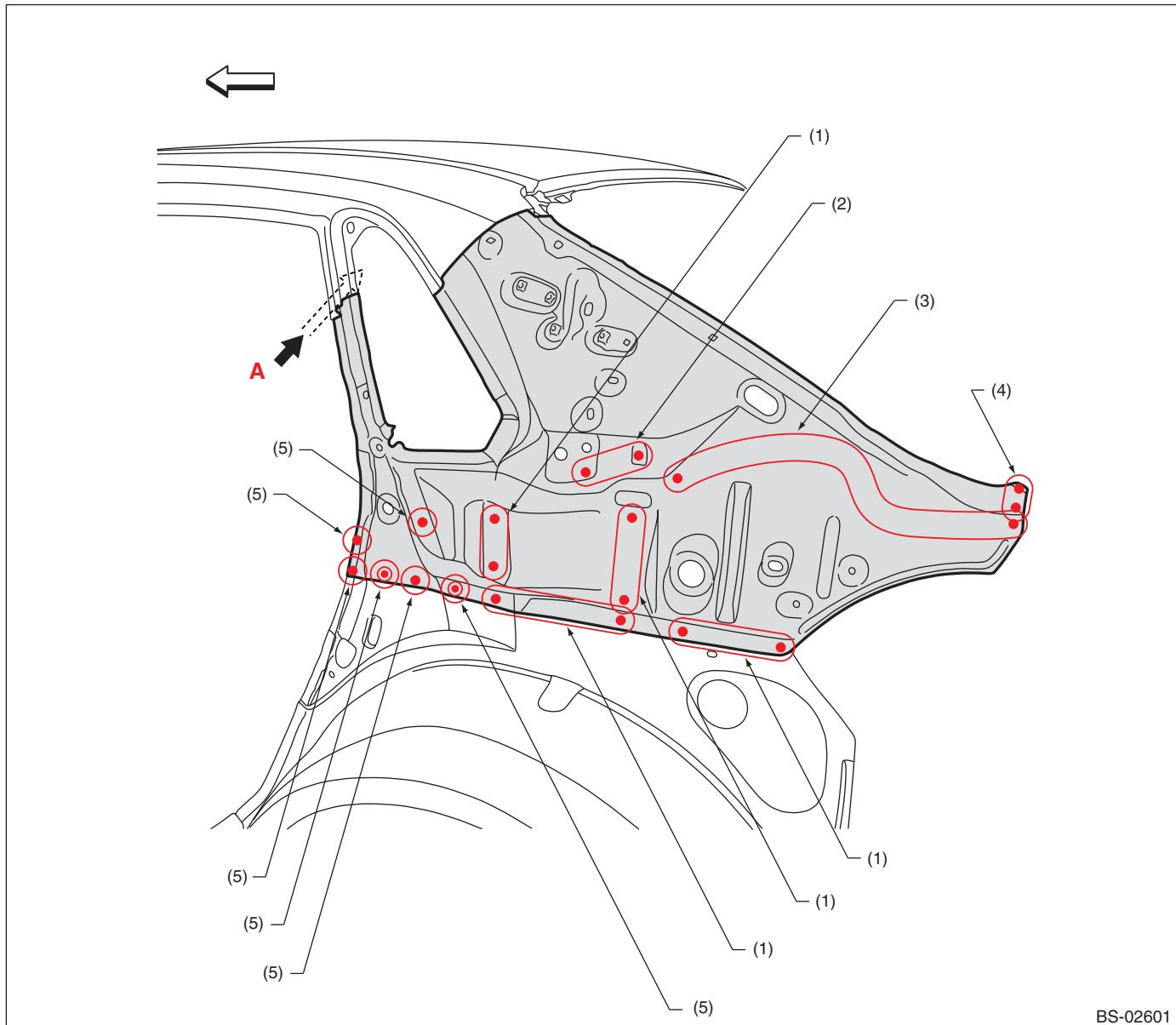
(9) 8 points

### 21. Rear Quarter Inner Upper (total replacement)/4 door

#### A: REMOVAL

1) Rear quarter and reinforcement removal condition

- Overall view



BS-02601

(1) 3 points (outside · 1)

(2) 2 points (outside · 1)

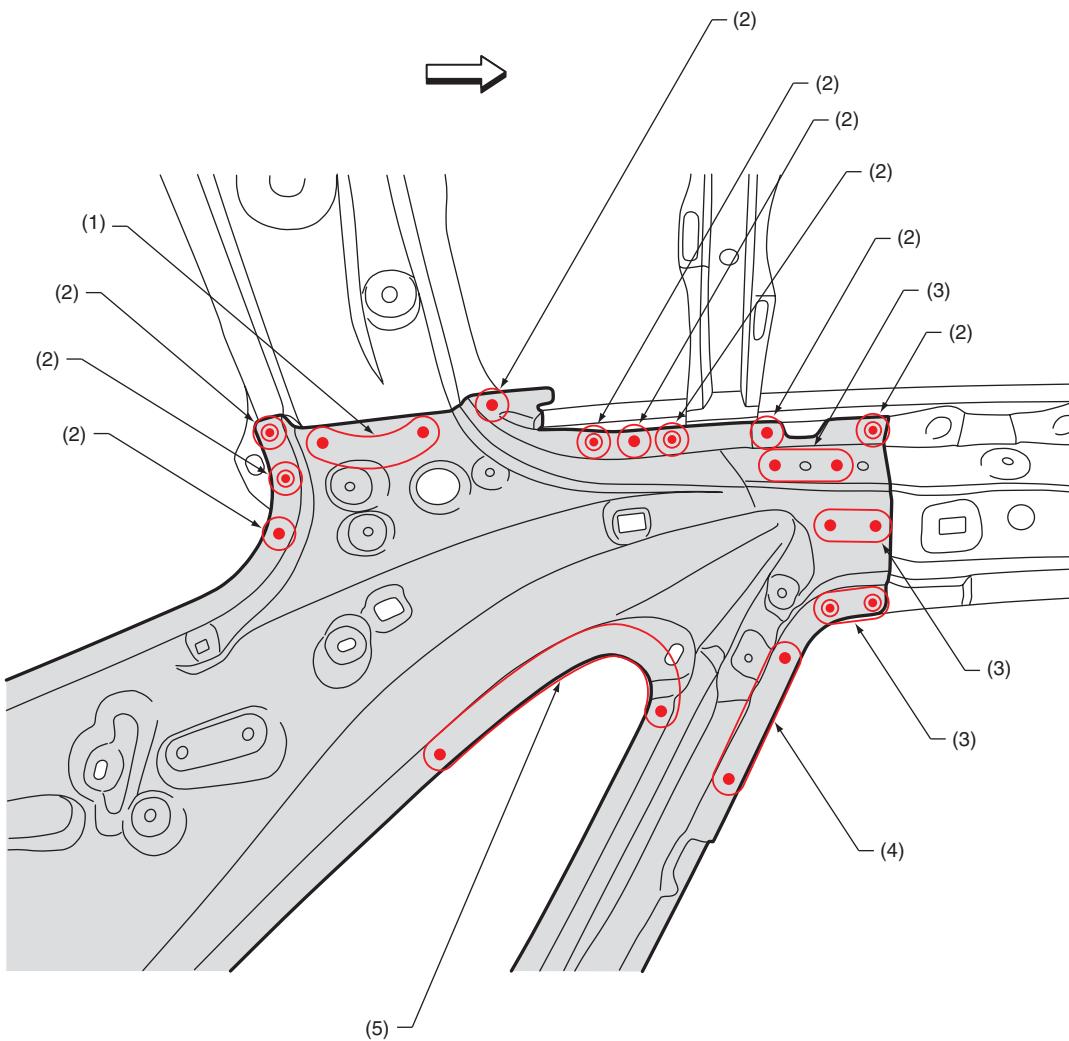
(3) 9 points (outside · 1)

(4) 2 points (top · 1)

(5) 1 point (outside · 1)

## Rear Quarter Inner Upper (total replacement)/4 door

- Views



BS-02602

(1) 3 points (bottom · 1)  
(2) 1 point (bottom · 1)

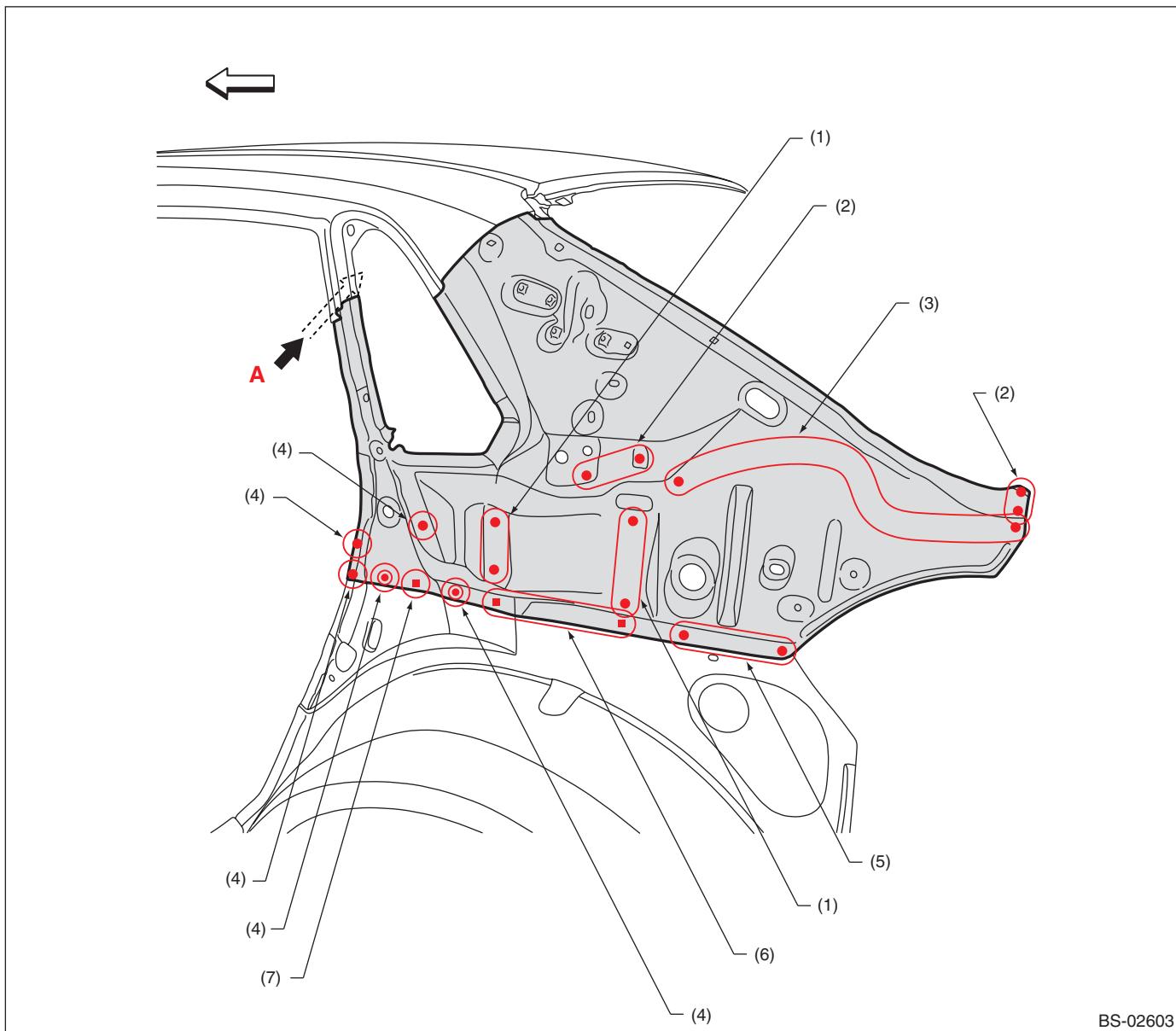
(3) 2 points (inside · 1)  
(4) 3 points (inside · 1)

(5) 4 points (inside · 1)

## Rear Quarter Inner Upper (total replacement)/4 door

### B: INSTALLATION

- Overall view



BS-02603

(1) 3 points

(2) 2 points

(3) 11 points

(4) 1 point

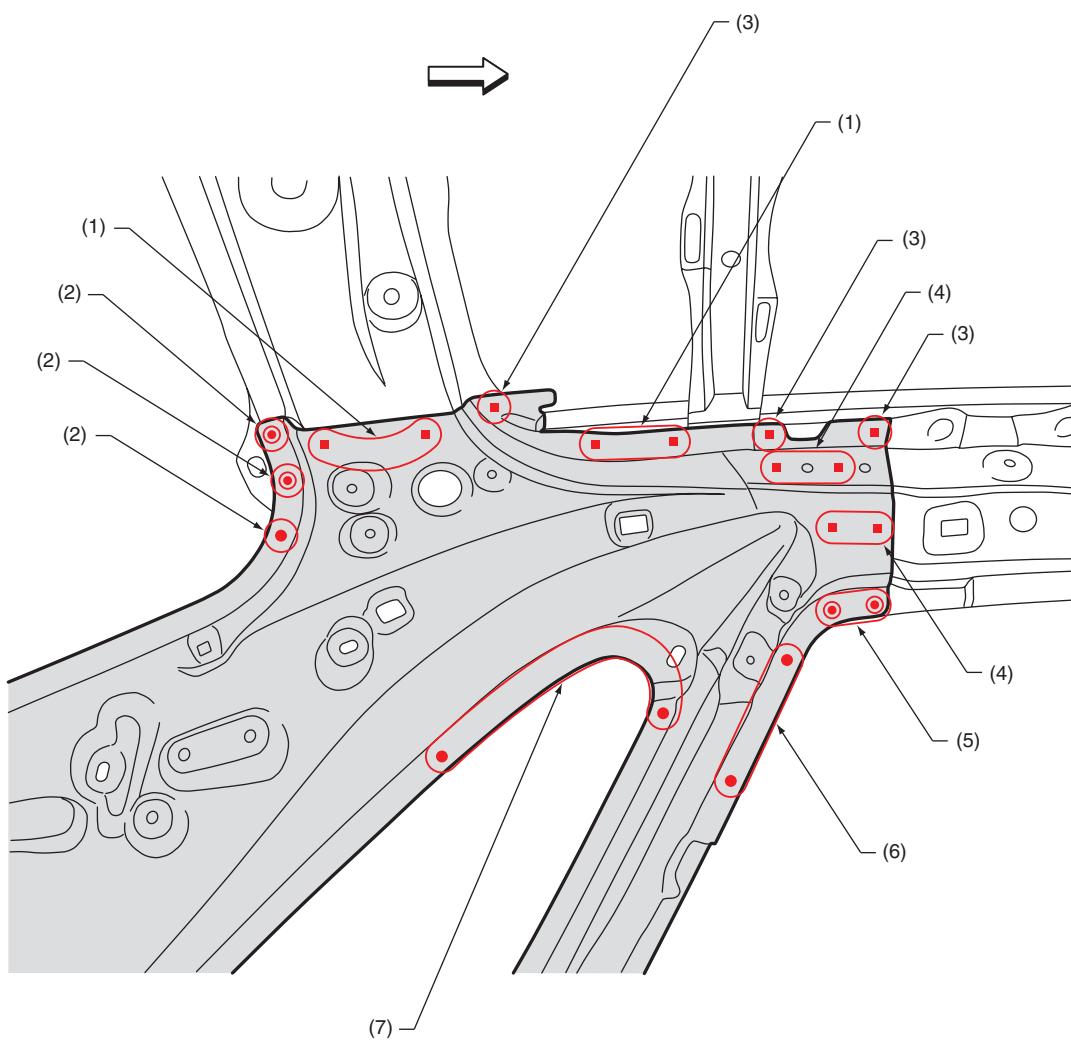
(5) 4 points

(6) 3 points (service)

(7) 1 point (service)

## Rear Quarter Inner Upper (total replacement)/4 door

- Views



BS-02604

(1) 3 points (service)

(2) 1 point

(3) 1 point (service)

(4) 2 points (service)

(5) 2 points

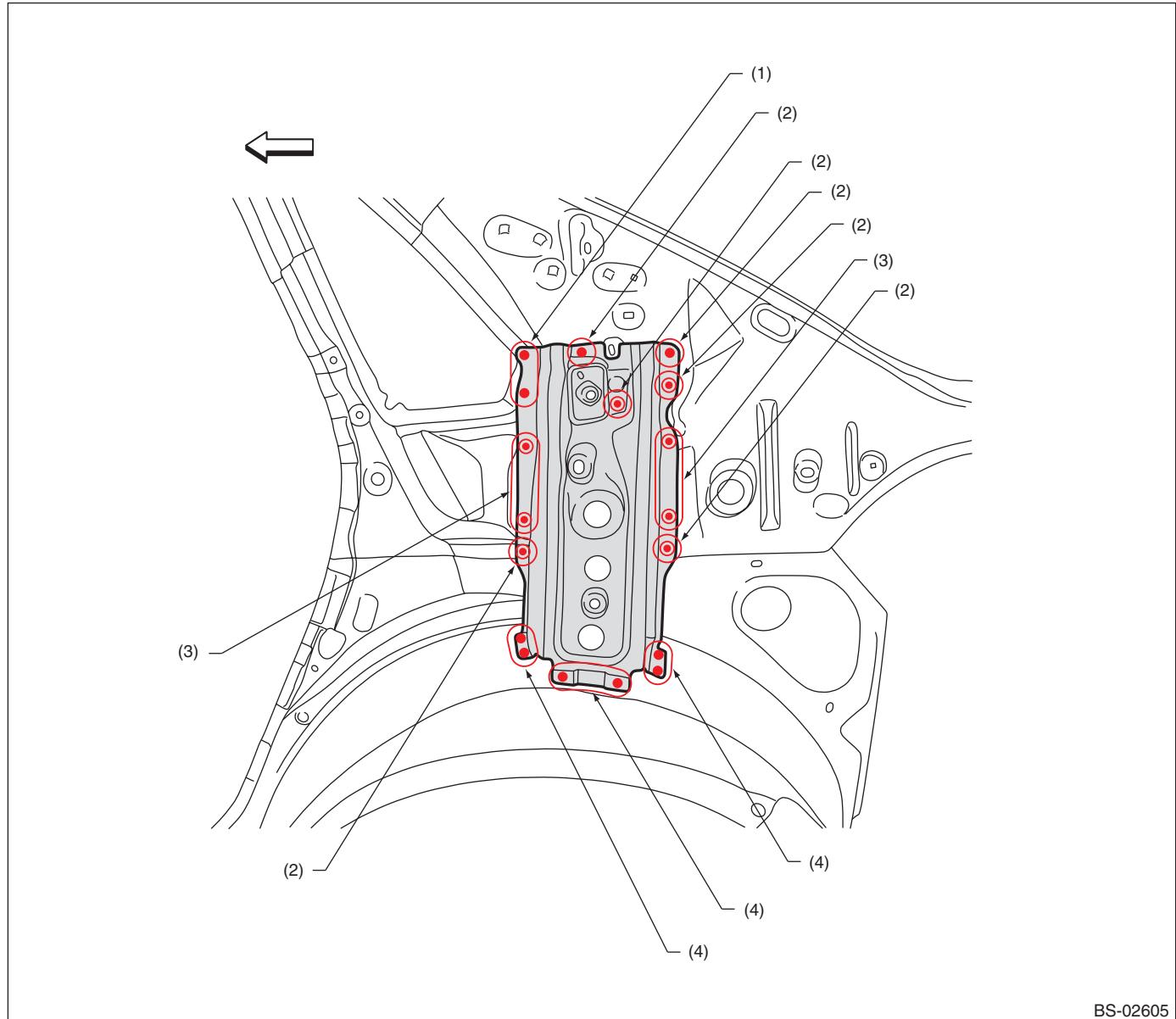
(6) 3 points

(7) 4 points

### 22. Rear Quarter Inner Reinforcement (total replacement)/4 door

#### A: REMOVAL

##### 1) Rear quarter removal condition

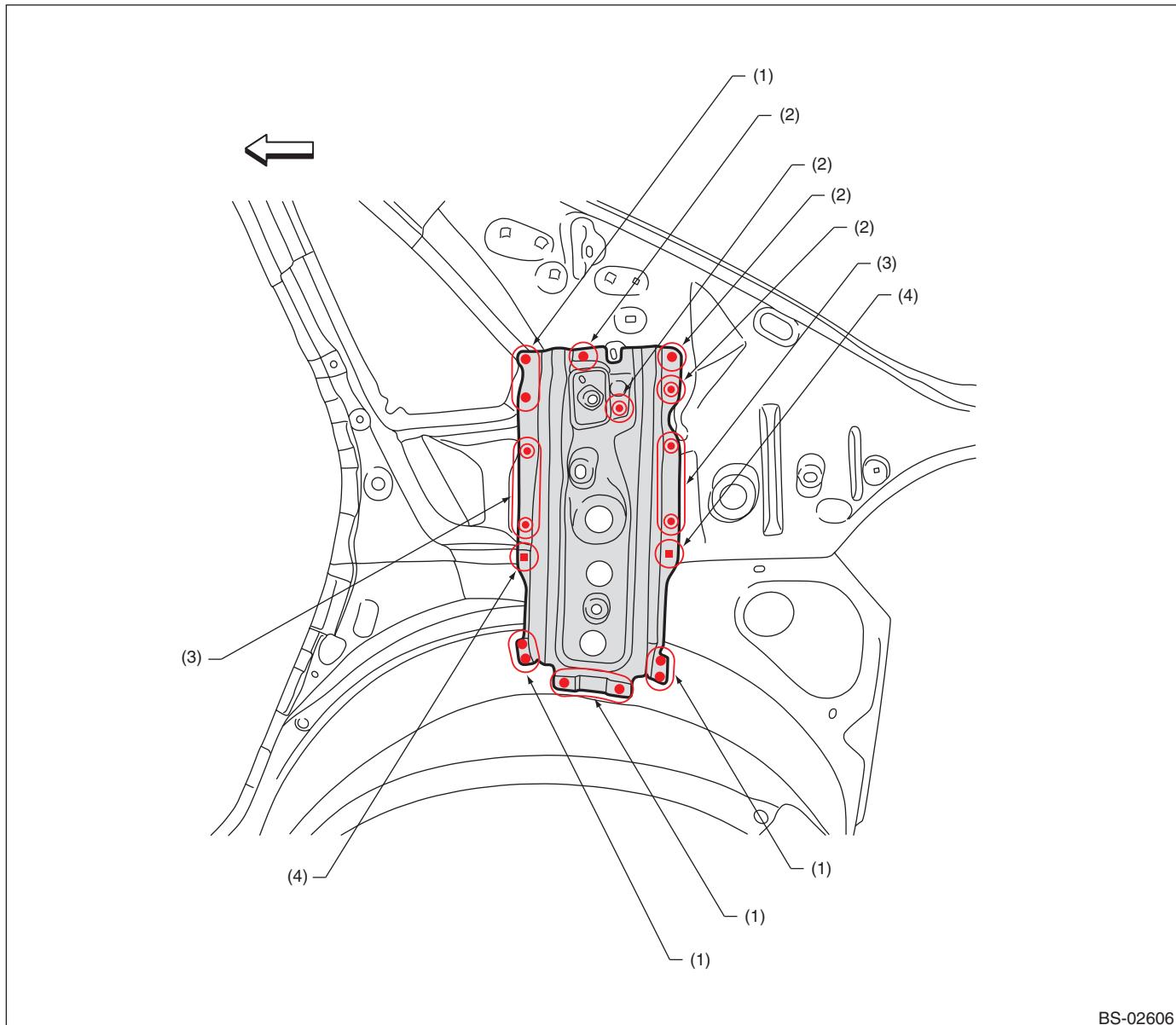


(1) 2 points (outside · 1)  
(2) 1 point (outside · 1)

(3) 3 points (outside · 1)

(4) 2 points (top · 1)

## B: INSTALLATION



(1) 2 points

(2) 1 point

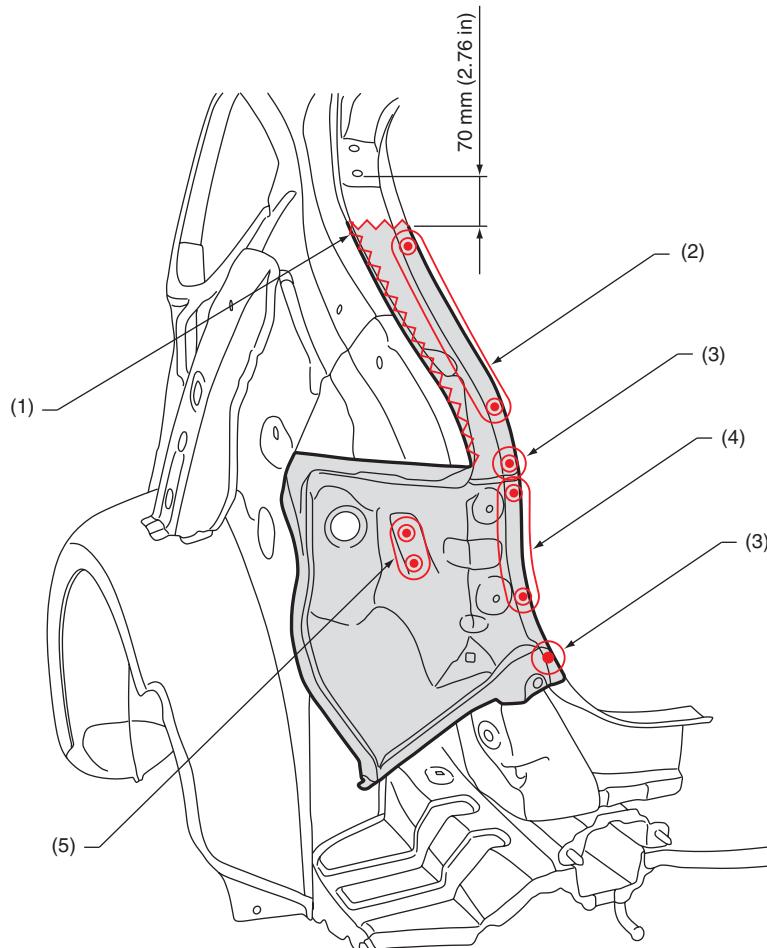
(3) 3 points

(4) 1 point (service)

### 23.D-pillar Extension, Quarter End (partial replacement)

#### A: REMOVAL

1) Rear quarter removal condition



BS-02833

(1) Rough cutting

(2) 7 points (outside · 1)

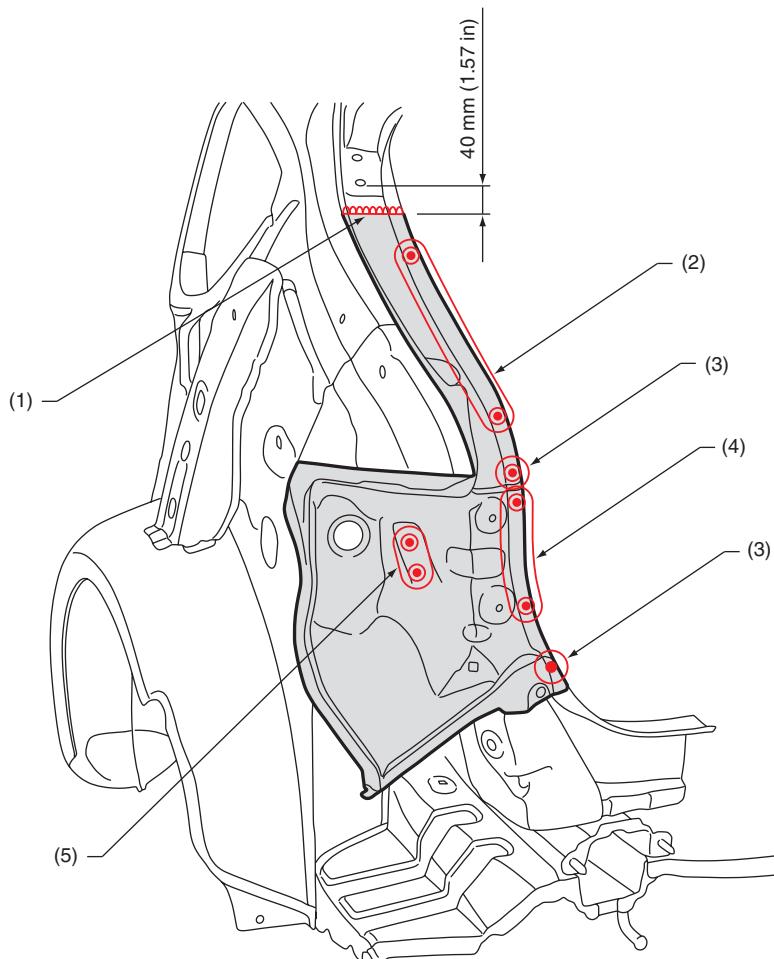
(3) 1 point (outside · 1)

(4) 3 points (outside · 1)

(5) 2 points (outside · 1)

## D-pillar Extension, Quarter End (partial replacement)

### B: INSTALLATION



BS-02834

(1) 1 point [105 mm (4.13 in)]  
(2) 9 points

(3) 1 point  
(4) 4 points

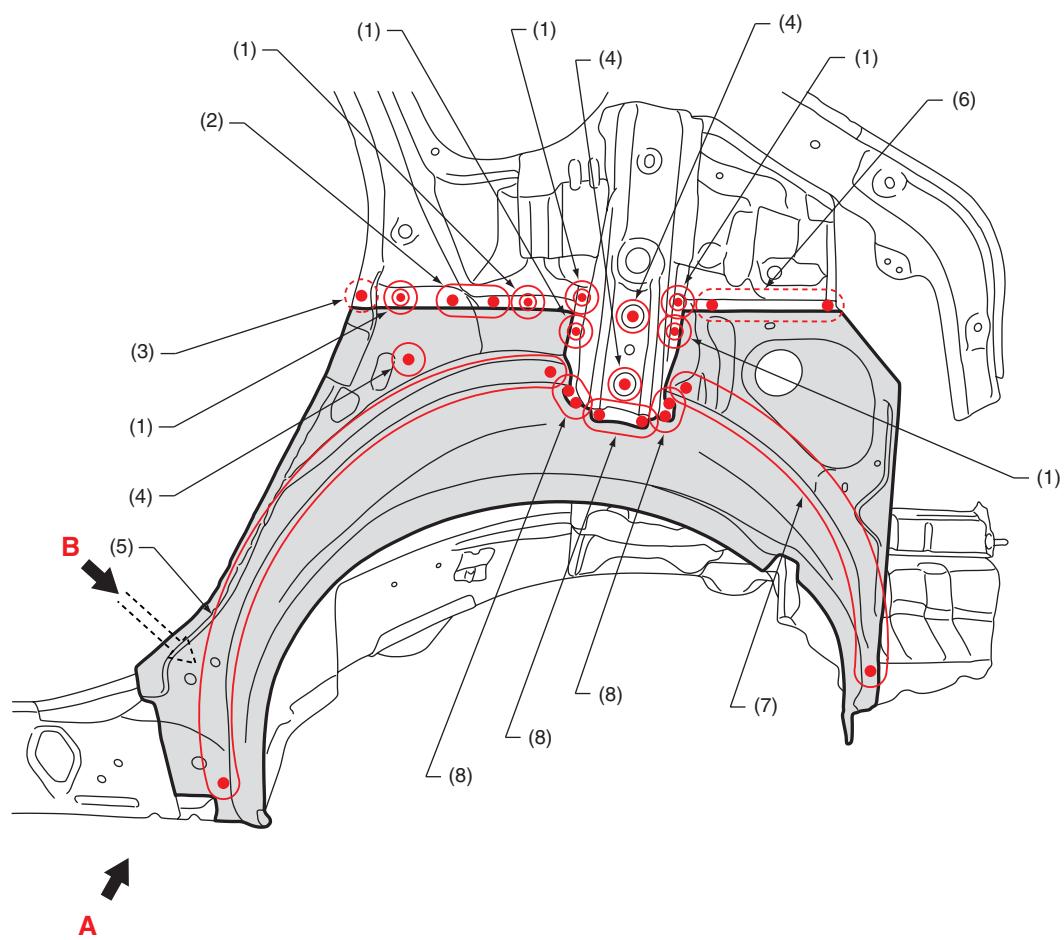
(5) 2 points

### 24. Rear wheel apron (partial replacement)

#### A: REMOVAL

1) Rear quarter side sill reinforcement outer removal condition

- Overall view

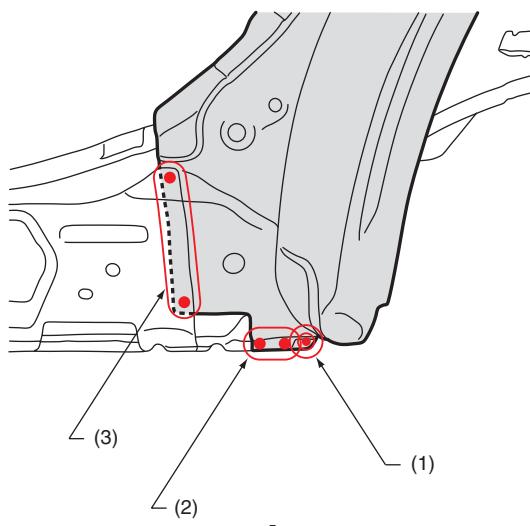


BS-02396

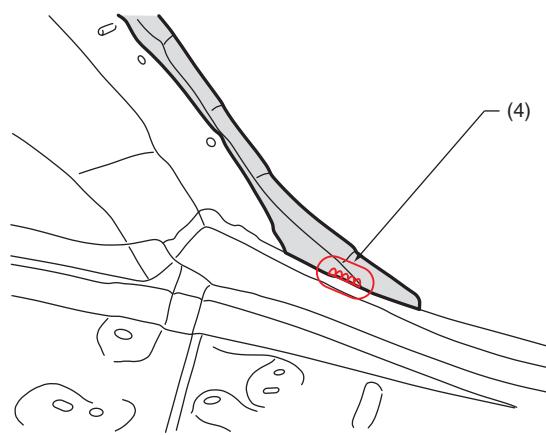
(1) 1 point (outside · 2)	(4) 1 point (outside · 1)	(7) 9 points (outside · 1)
(2) 2 points (outside · 1)	(5) 15 points (outside · 1)	(8) 2 points (bottom · 1)
(3) 1 point (inside · 1)	(6) 3 points (inside · 1)	

## Rear wheel apron (partial replacement)

- Views



**A**



**B**

BS-02397

(1) 1 point (outside · 1)

(2) 2 points (outside · 1)

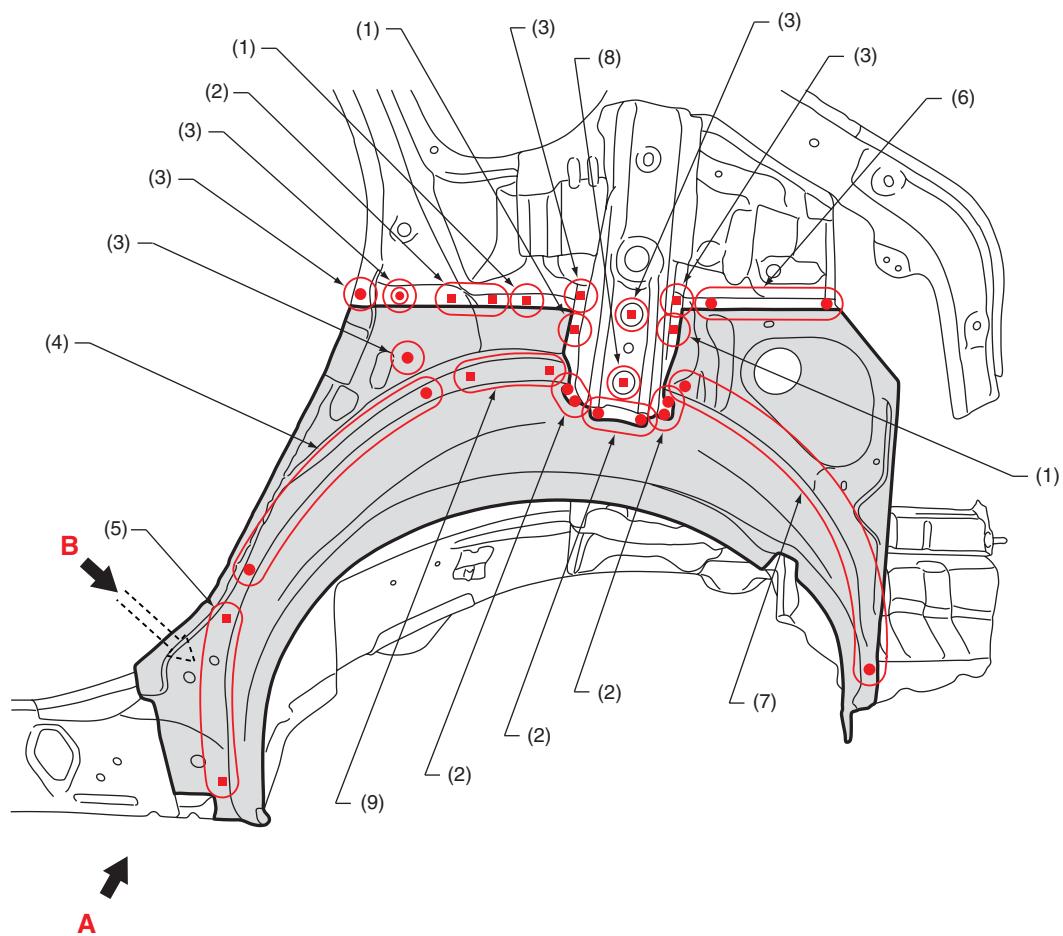
(3) 3 points (outside · 1)

(4) 1 point (inside · belt sander)

## Rear wheel apron (partial replacement)

### B: INSTALLATION

- Overall view

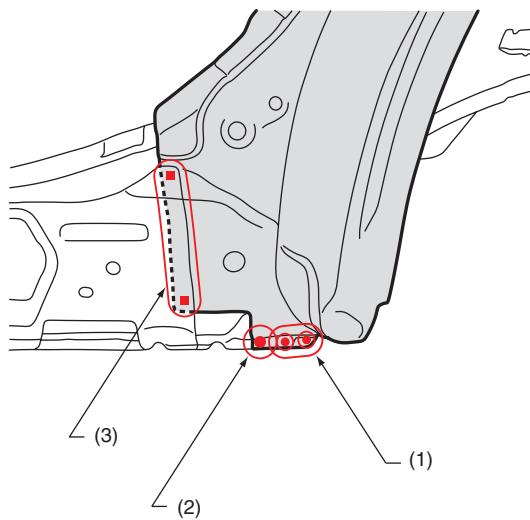


BS-02398

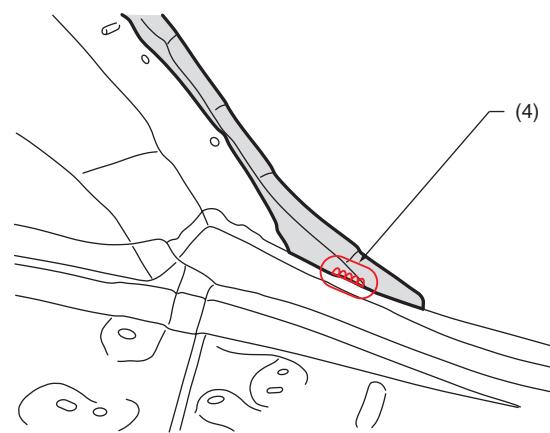
(1) 1 point (service · matching)	(4) 7 points	(7) 11 points
(2) 2 points	(5) 5 points (service)	(8) 1 point (service)
(3) 1 point	(6) 4 points	(9) 3 points (service)

## Rear wheel apron (partial replacement)

- Views



**A**



**B**

(1) 2 points  
(2) 1 point

(3) 3 points

(4) 1 point [20 mm (0.79 in)]

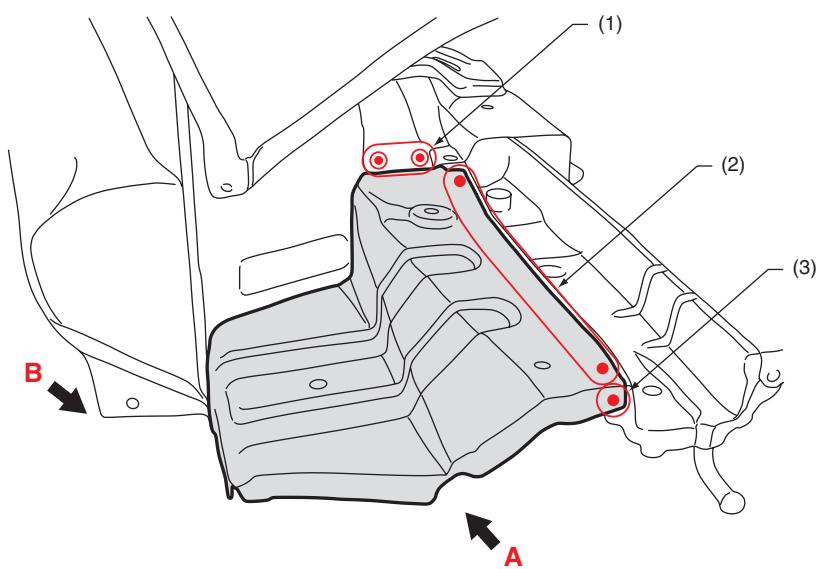
BS-02399

### 25. Rear Floor Side (total replacement)/5 door

#### A: REMOVAL

1) Rear skirt and rear quarter removal condition

- Overall view



BS-02400

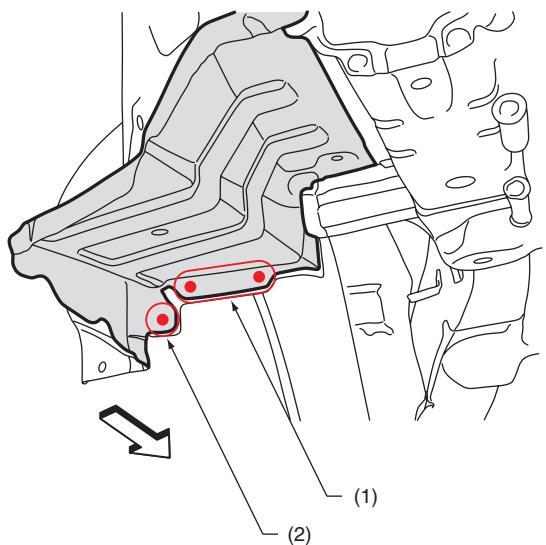
(1) 2 points (top · 2)

(2) 8 points (top · 1)

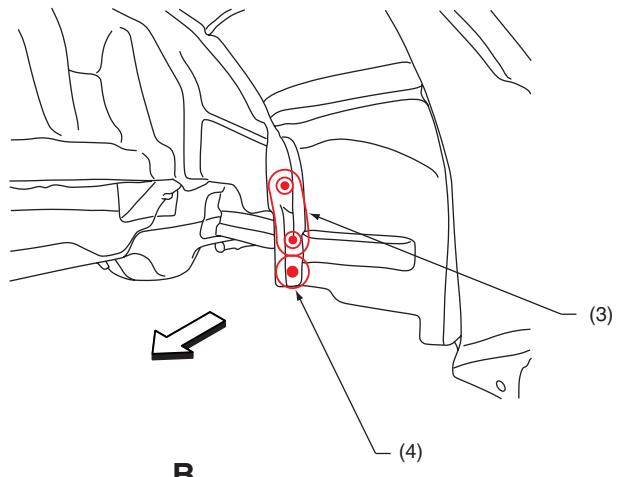
(3) 1 point (outside · 1)

## Rear Floor Side (total replacement)/5 door

- Views



**A**



**B**

BS-02401

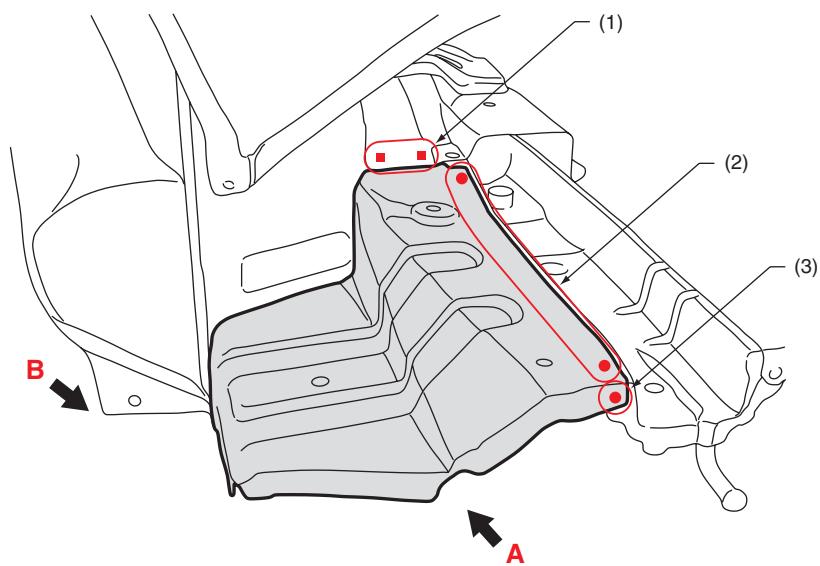
(1) 2 points (outside · 1)  
(2) 1 point (outside · 1)

(3) 2 points (inside · 2)

(4) 1 point (inside · 1)

## B: INSTALLATION

- Overall view



BS-02402

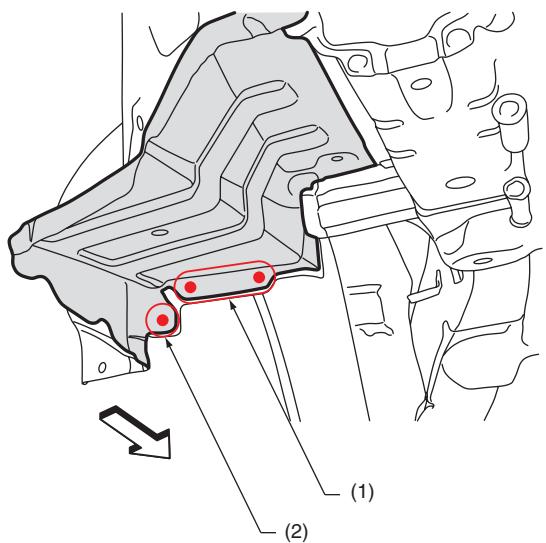
(1) 2 points (service · matching)

(2) 10 points

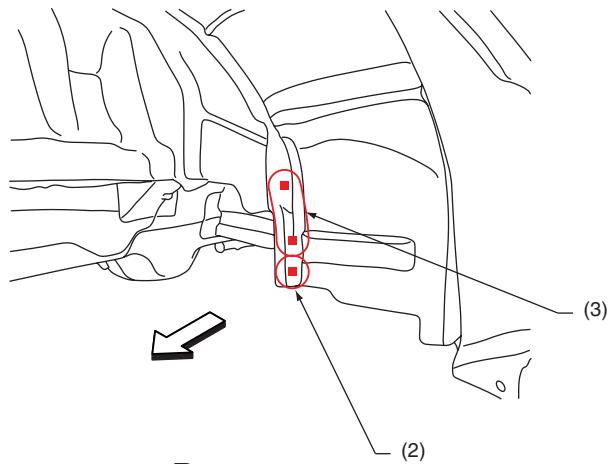
(3) 1 point

## Rear Floor Side (total replacement)/5 door

- Views



**A**



**B**

(1) 3 points

(2) 1 point

(3) 2 points (service · matching)

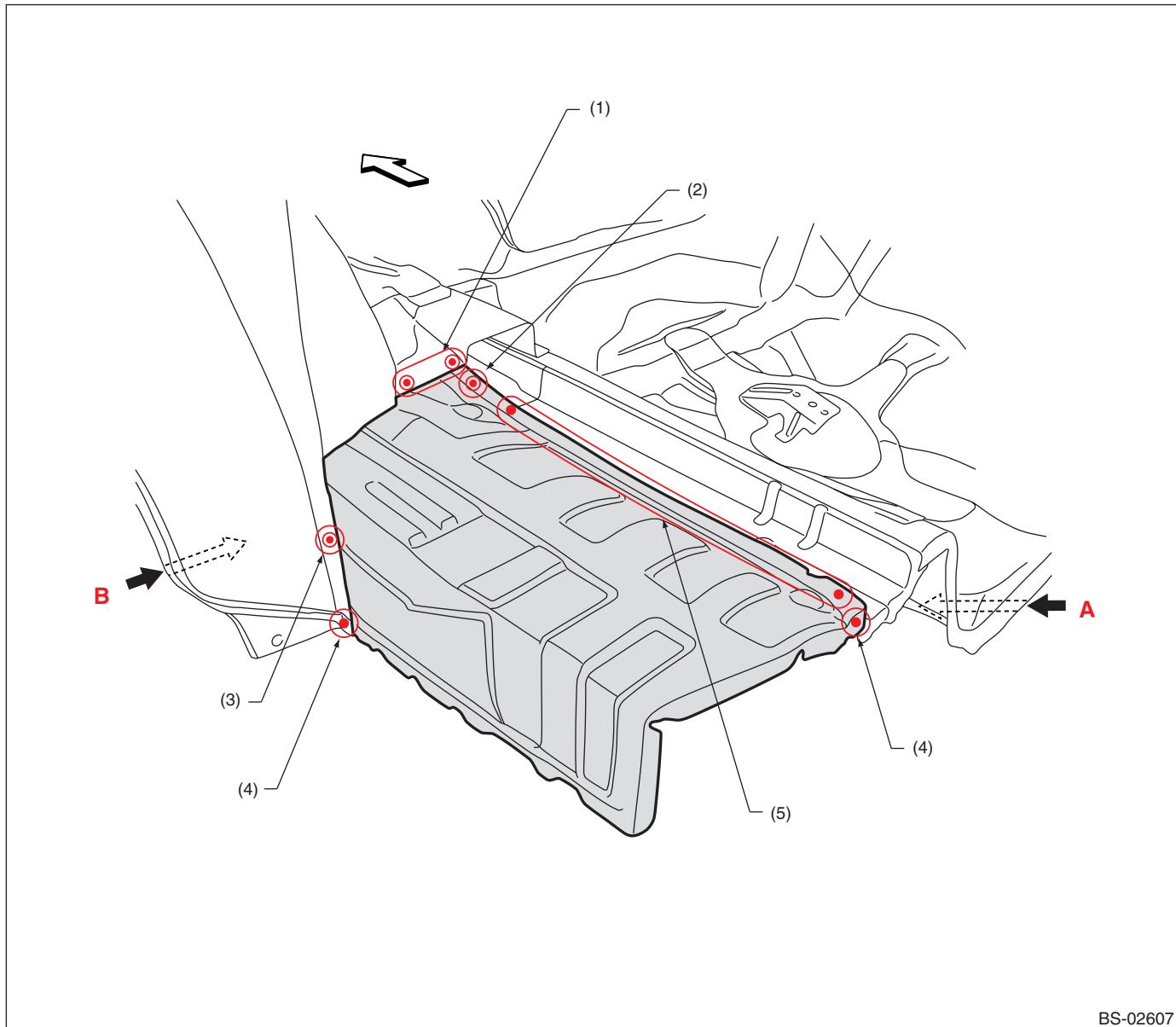
BS-02403

### 26. Rear Floor Side (total replacement)/4 door

#### A: REMOVAL

1) Rear skirt and rear quarter, rear side frame upper rear removal condition

- Overall view



BS-02607

(1) 2 points (top · 2)

(2) 1 point (top · 1)

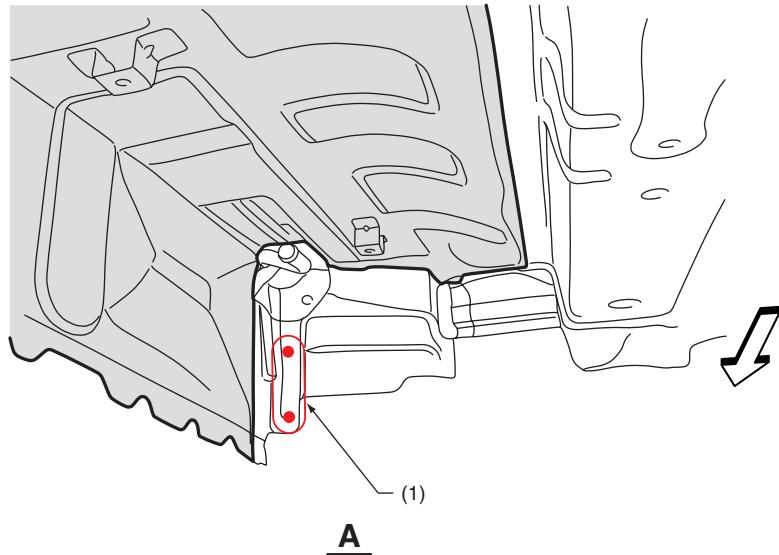
(3) 1 point (outside · 2)

(4) 1 point (outside · 1)

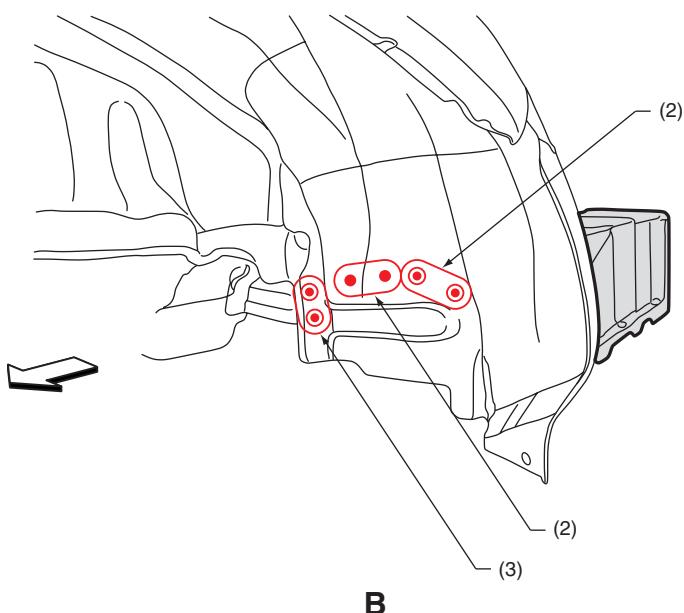
(5) 10 points (top · 1)

## Rear Floor Side (total replacement)/4 door

- Views



**A**



**B**

BS-02608

(1) 2 points (inside · 1)

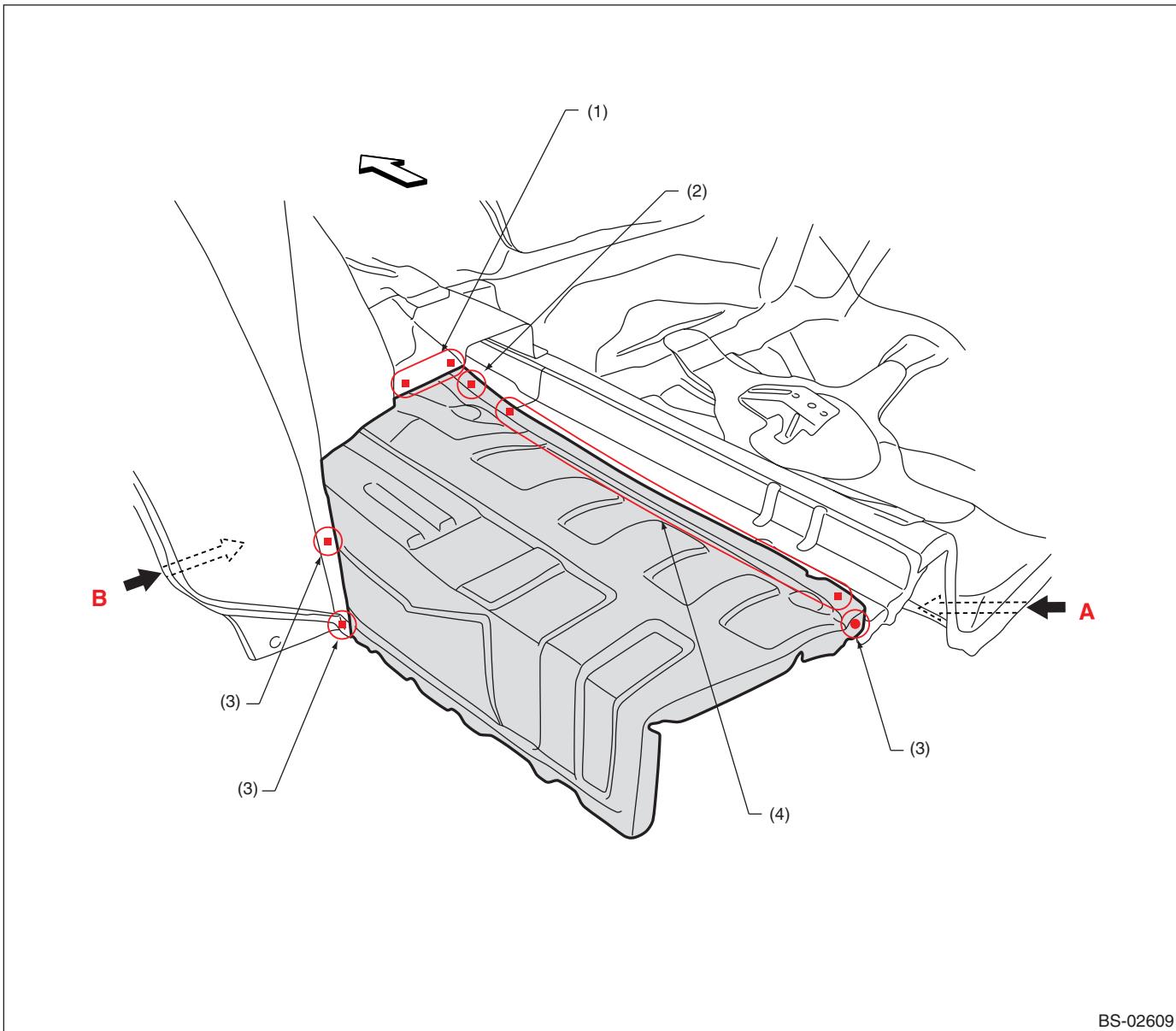
(2) 2 points (outside · 1)

(3) 2 points (outside · 2)

## Rear Floor Side (total replacement)/4 door

### B: INSTALLATION

- Overall view



(1) 2 points (service · matching)  
(2) 1 point (service)

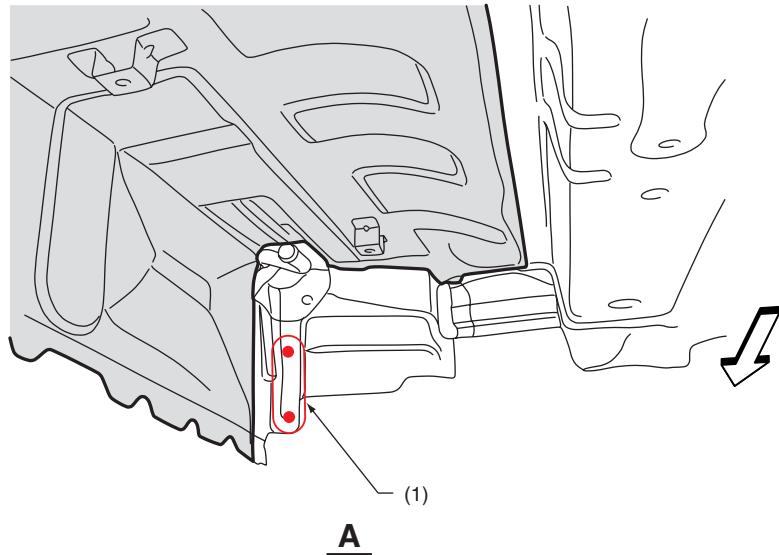
(3) 1 point

(3) 10 points (service)

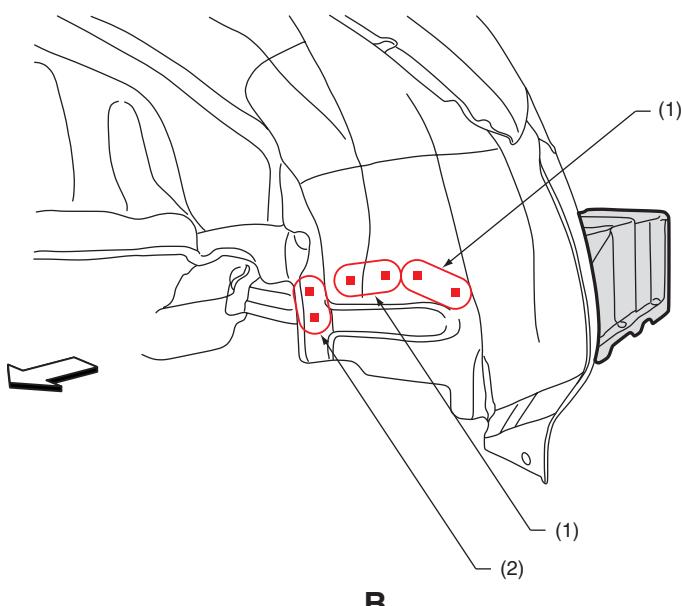
BS-02609

## Rear Floor Side (total replacement)/4 door

- Views



**A**



**B**

BS-02610

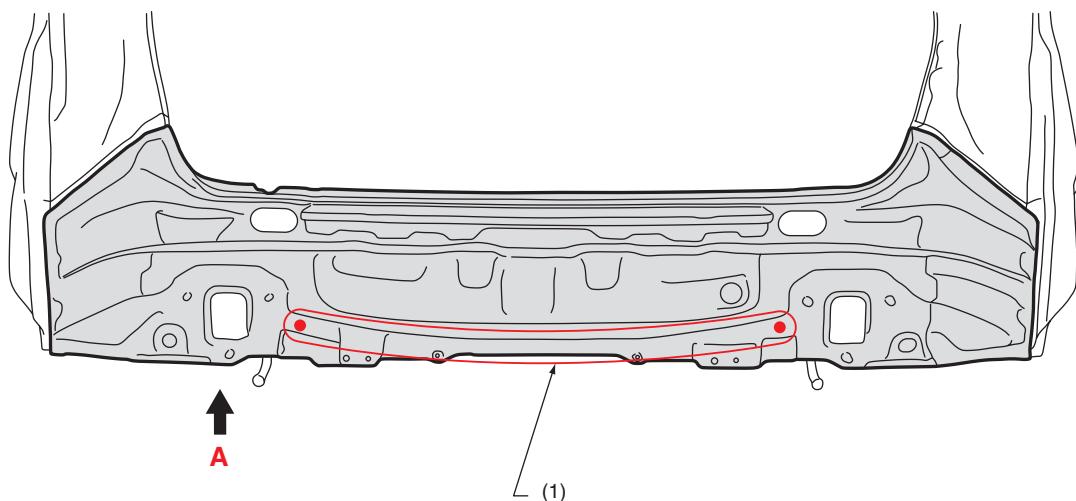
(1) 2 points

(2) 2 points (service · matching)

## 27. Rear Skirt (total replacement)/5 door

### A: REMOVAL

- Overall view

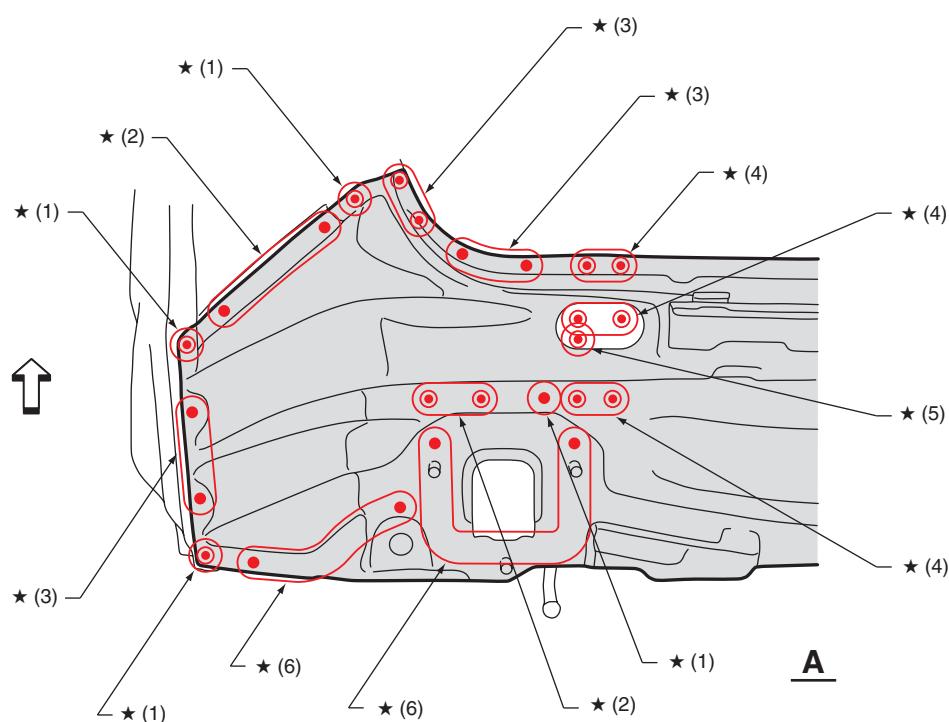


BS-02404

(1) 10 points (outside · 1)

## Rear Skirt (total replacement)/5 door

- Views



BS-02405

(1) 1 point (outside · 1)  
(2) 3 points (outside · 1)

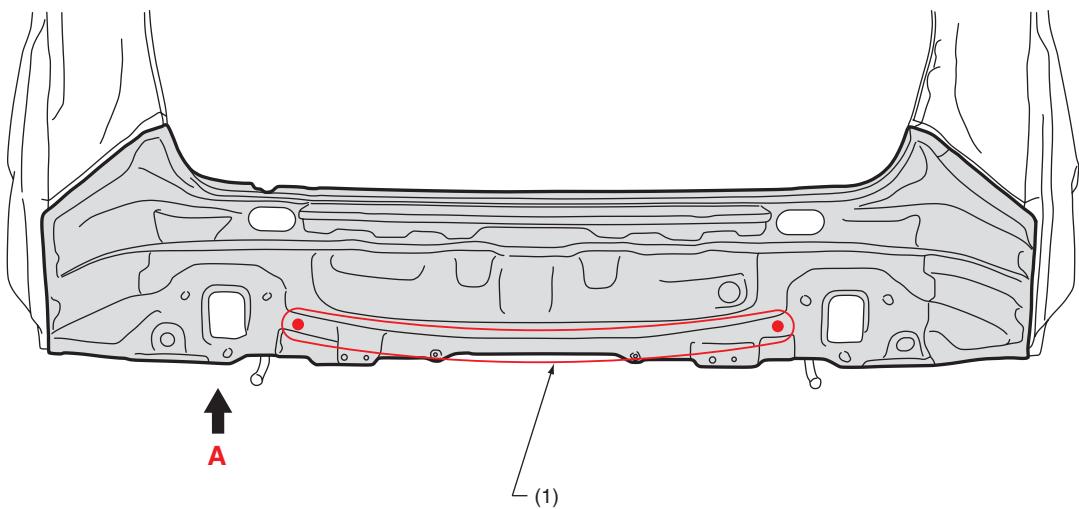
(3) 2 points (outside · 1)  
(4) 2 points (outside · 2)

(5) 1 point (outside · 2)  
(6) 4 points (outside · 1)

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

## B: INSTALLATION

- Overall view

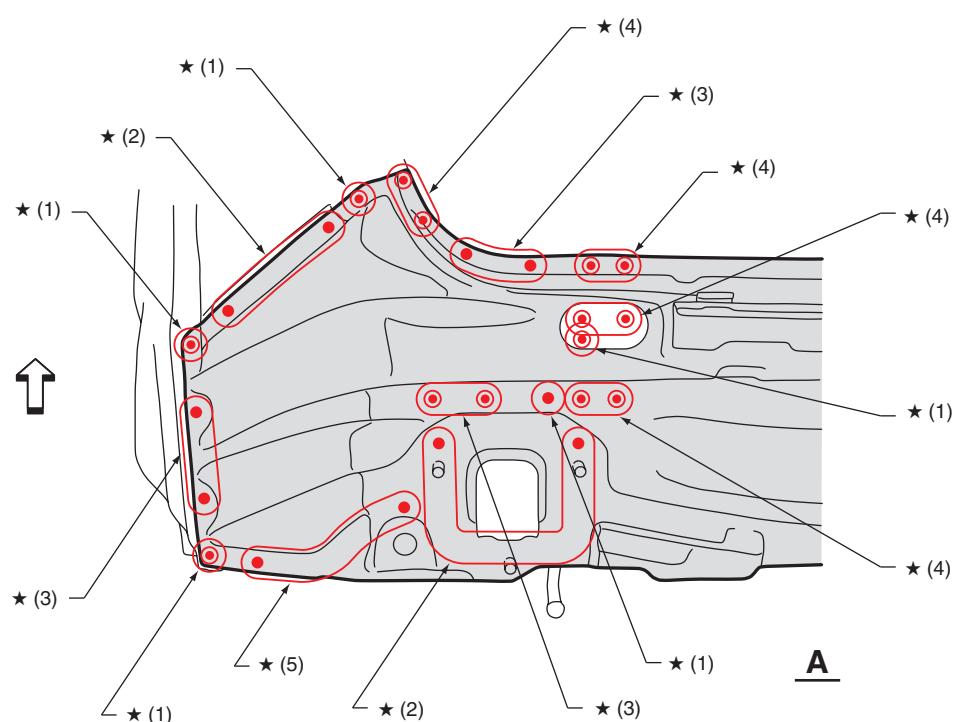


BS-02406

(1) 12 points

## **Rear Skirt (total replacement)/5 door**

- **Views**



BS-02407

(1) 1 point

(2) 4 points

(3) 3 points

(4) 2 points

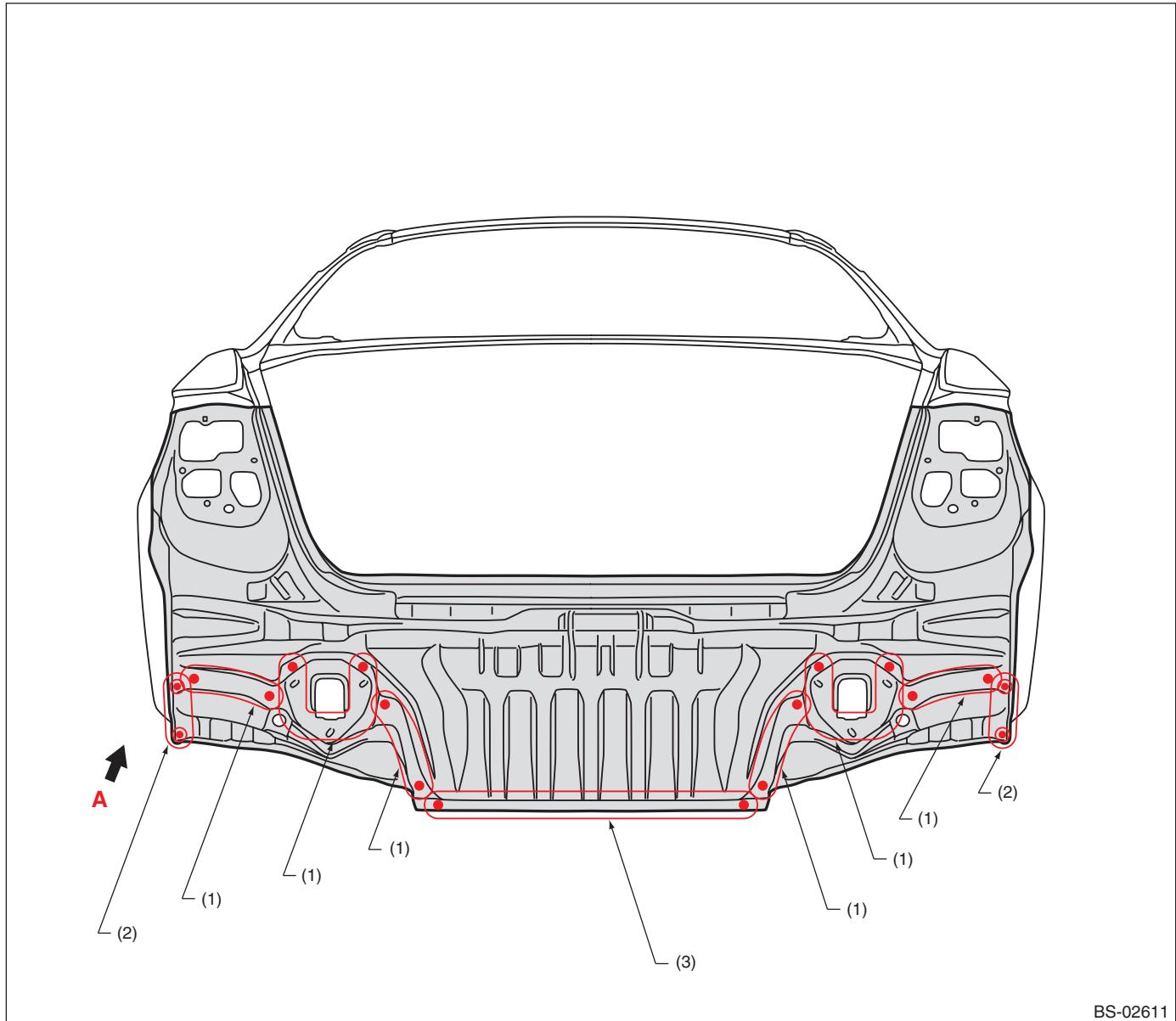
(5) 5 points

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

## 28. Rear Skirt (total replacement)/4 door

### A: REMOVAL

- Overall view



BS-02611

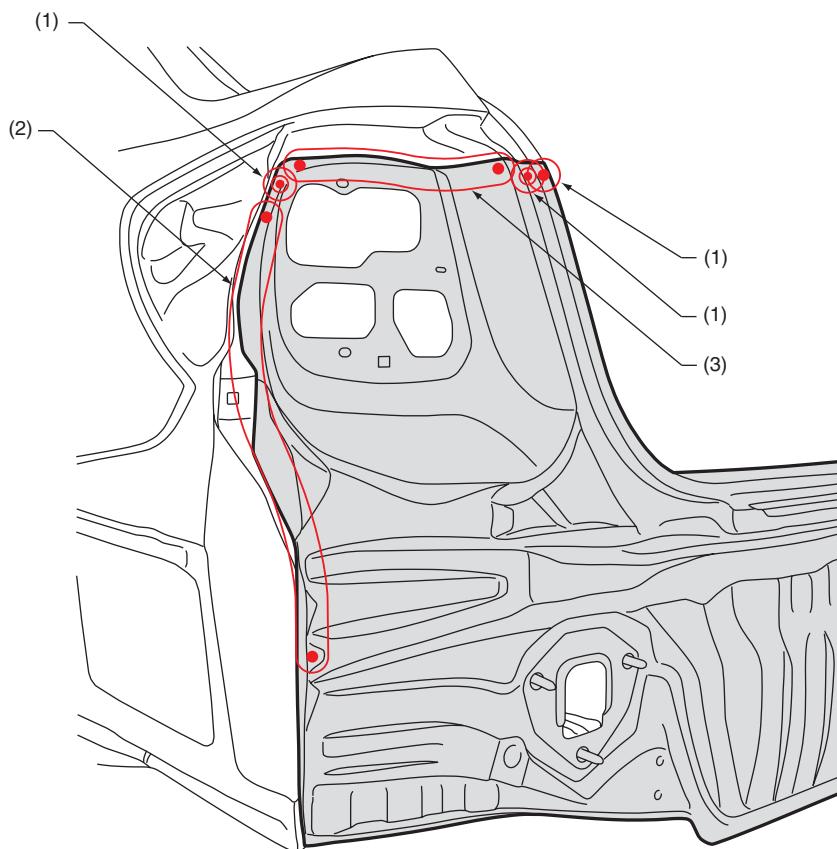
(1) 4 points (outside · 1)

(2) 3 points (outside · 1)

(3) 9 points (outside · 1)

## Rear Skirt (total replacement)/4 door

- Views



A

BS-02612

(1) 1 point (outside · 1)

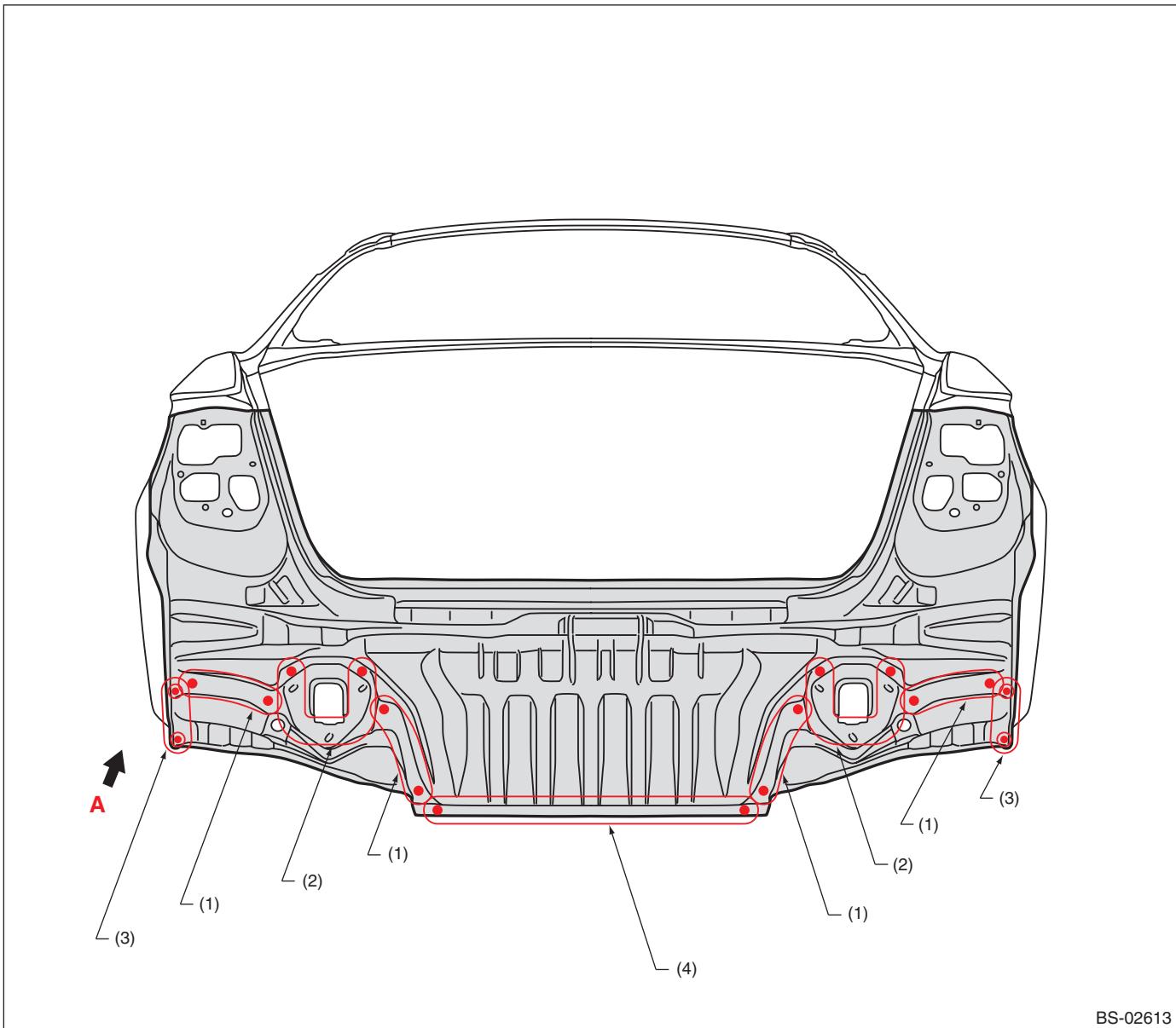
(2) 7 points (outside · 1)

(3) 4 points (outside · 1)

## Rear Skirt (total replacement)/4 door

### B: INSTALLATION

- Overall view



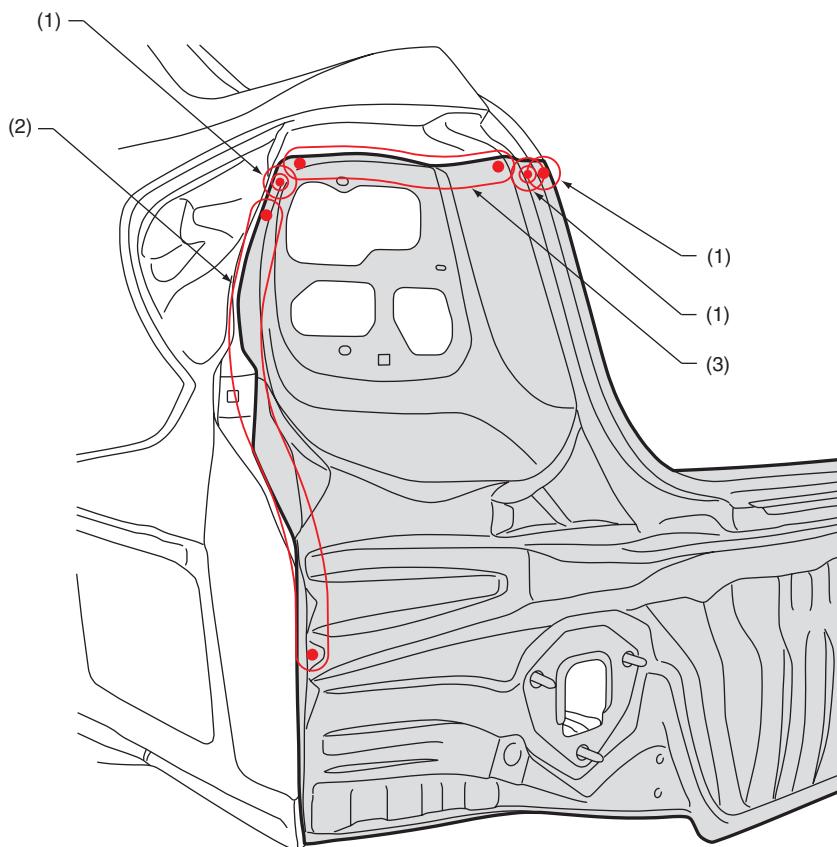
(1) 5 points  
(2) 4 points

(3) 3 points

(4) 11 points

## Rear Skirt (total replacement)/4 door

- Views



A

BS-02614

(1) 1 point

(2) 8 points

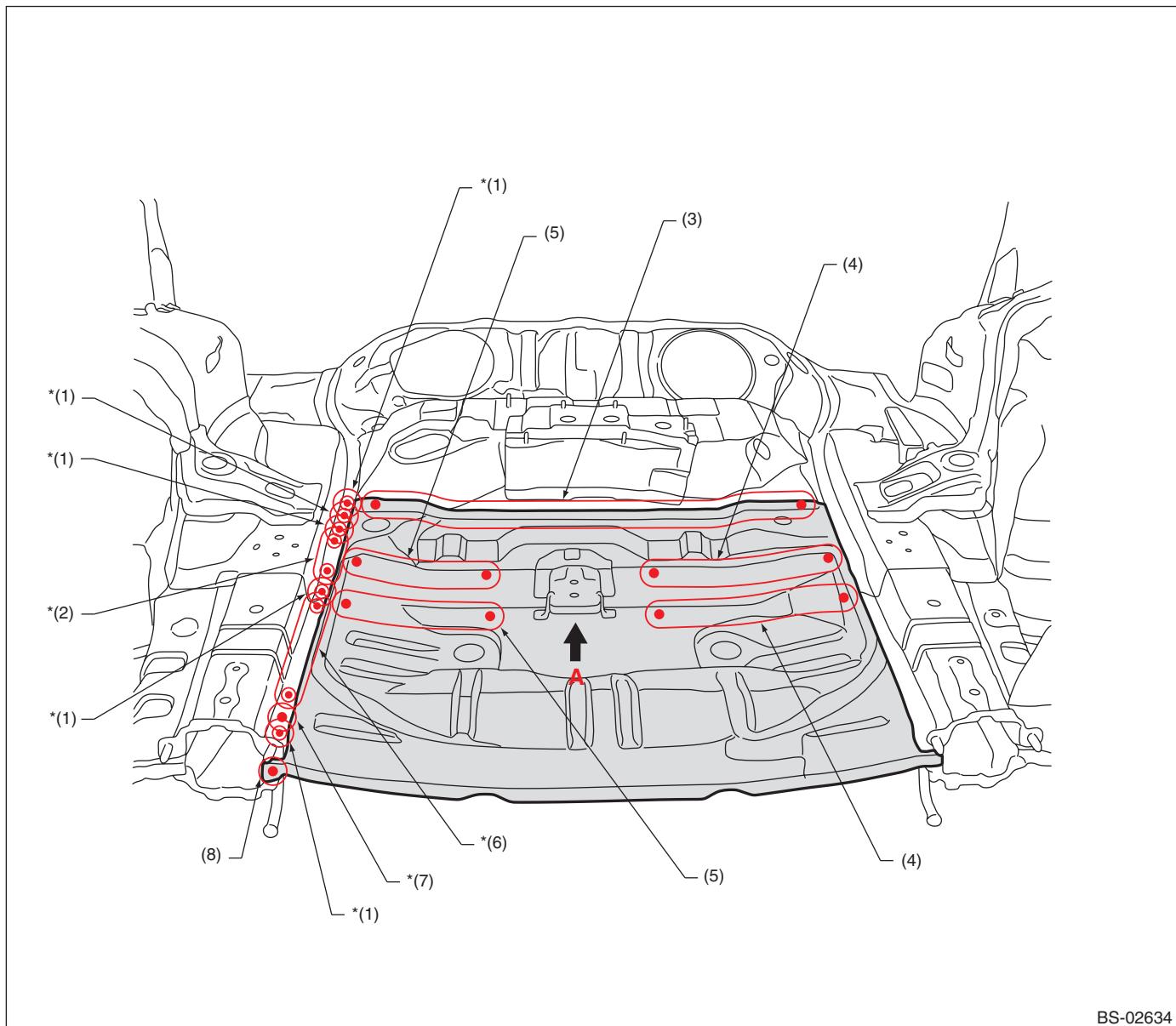
(3) 5 points

## 29. Rear Floor Pan (total replacement)/5 door

### A: REMOVAL

1) Rear skirt and rear floor side frame upper rear removal condition

- Overall view



BS-02634

(1) 1 point (top · 2)

(2) 3 points (top · 2)

(3) 12 points (top · 1)

(4) 5 points (top · 1)

(5) 4 points (top · 1)

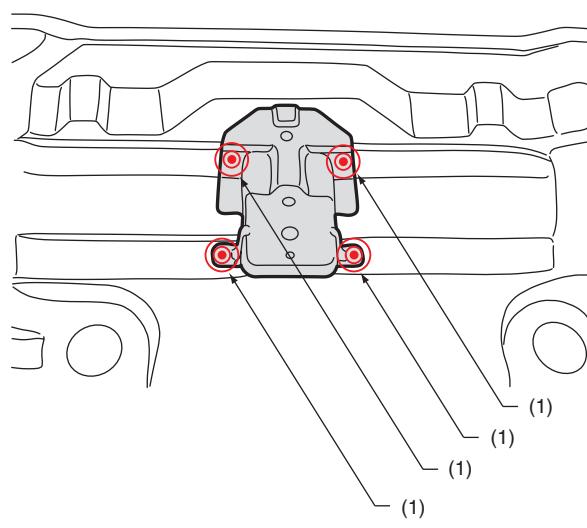
(6) 6 points (top · 2)

(7) 1 point (top · 1)

(8) 1 point (outside · 1)

## Rear Floor Pan (total replacement)/5 door

- Views



A

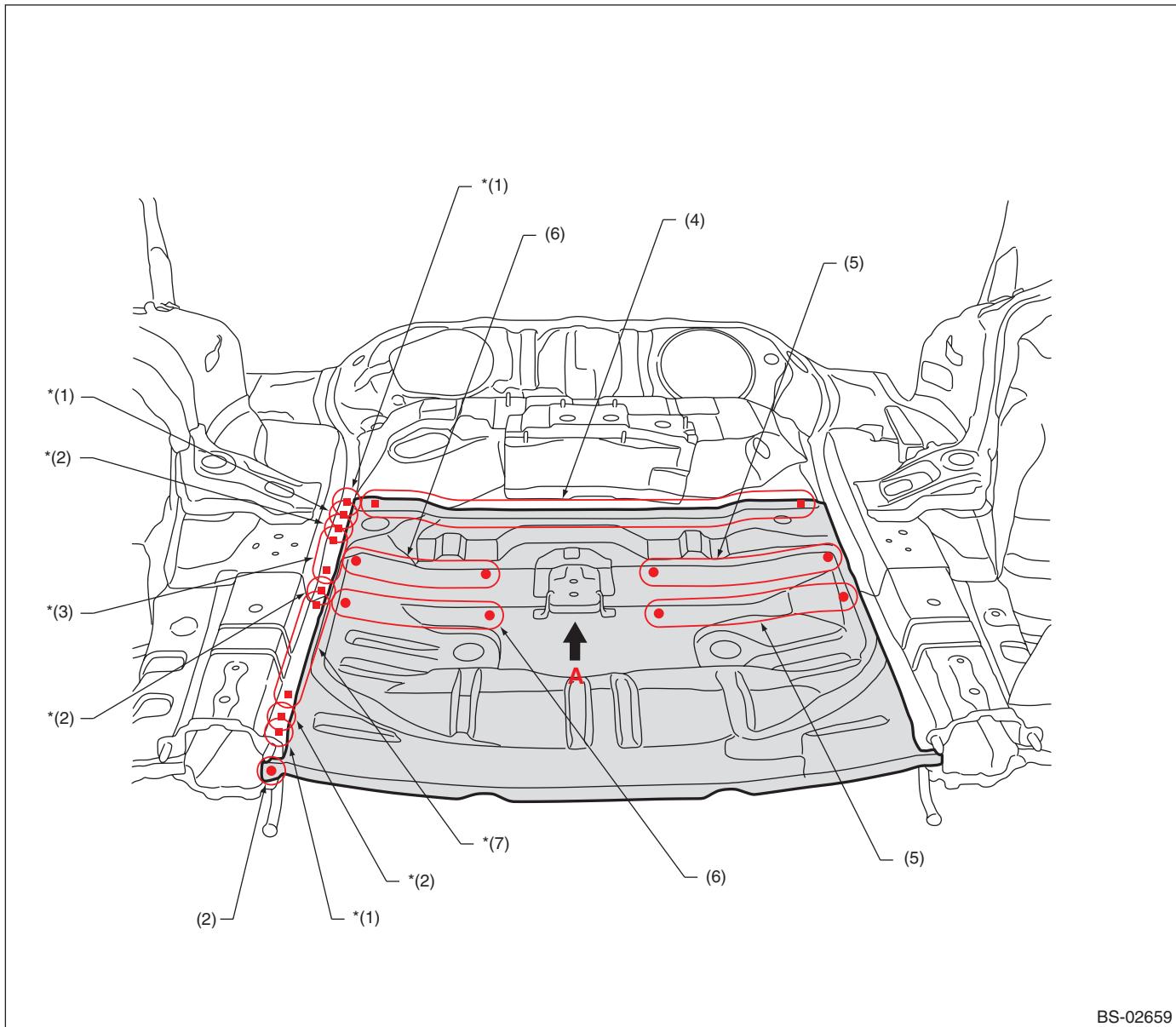
BS-02409

(1) 1 point (top · 2)

## Rear Floor Pan (total replacement)/5 door

### B: INSTALLATION

#### • Overall view



(1) 1 point (service · matching)

(4) 12 points

(7) 6 points (service · matching)

(2) 1 point

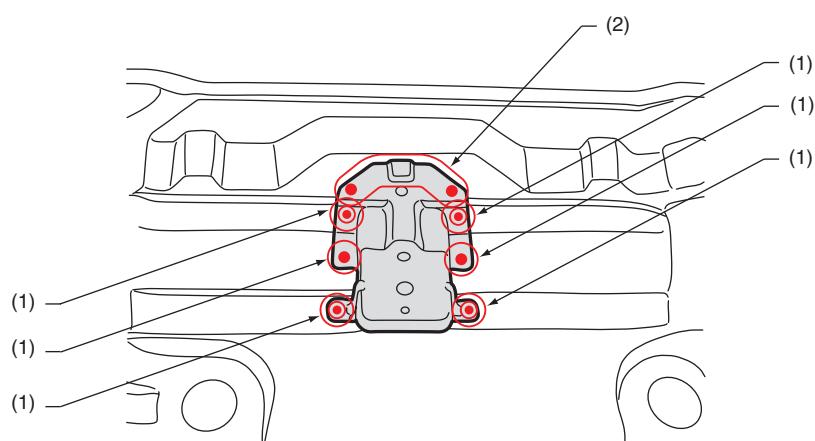
(5) 6 points

(3) 3 points (service · matching)

(6) 5 points

## Rear Floor Pan (total replacement)/5 door

- Views



A

BS-02411

(1) 1 point

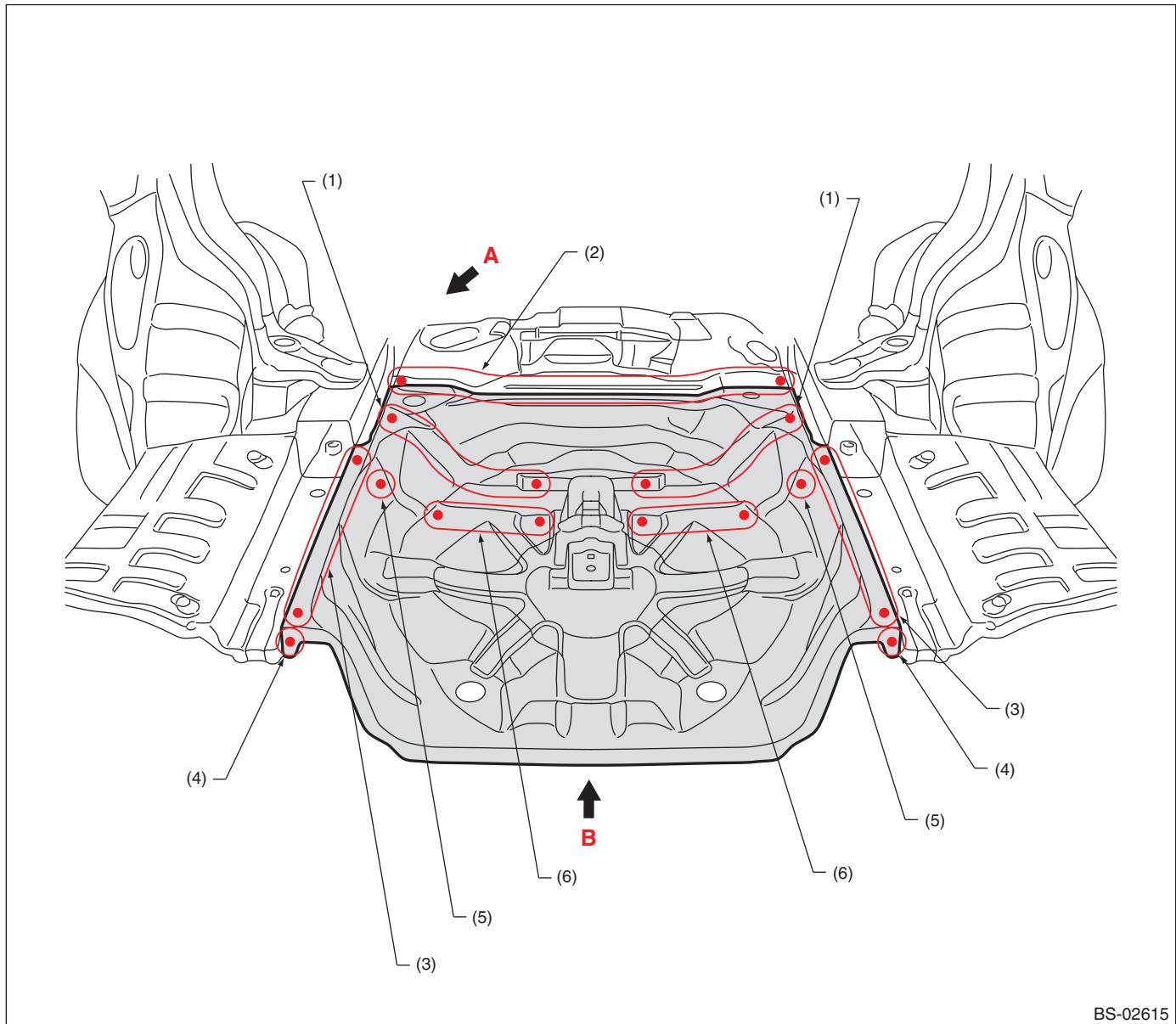
(2) 4 points

## 30. Rear Floor Pan (total replacement)/4 door

### A: REMOVAL

1) Rear skirt and rear side frame upper removal condition

- Overall view



BS-02615

(1) 6 points (top · 1)

(2) 12 points (top · 1)

(3) 9 points (top · 1)

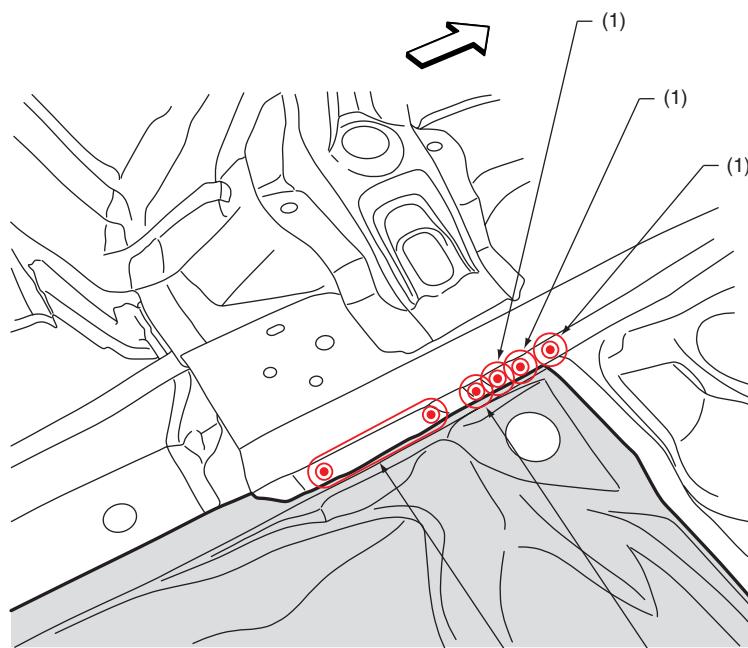
(4) 1 point (outside · 1)

(5) 1 point (inside · 1)

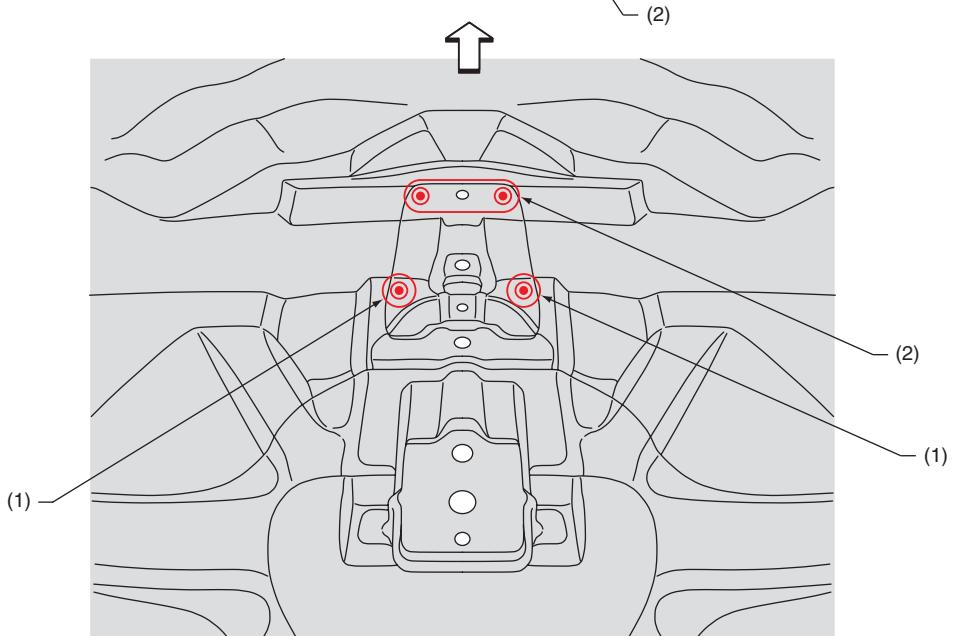
(6) 5 points (top · 1)

# Rear Floor Pan (total replacement)/4 door

- Views



**A**



**B**

BS-02616

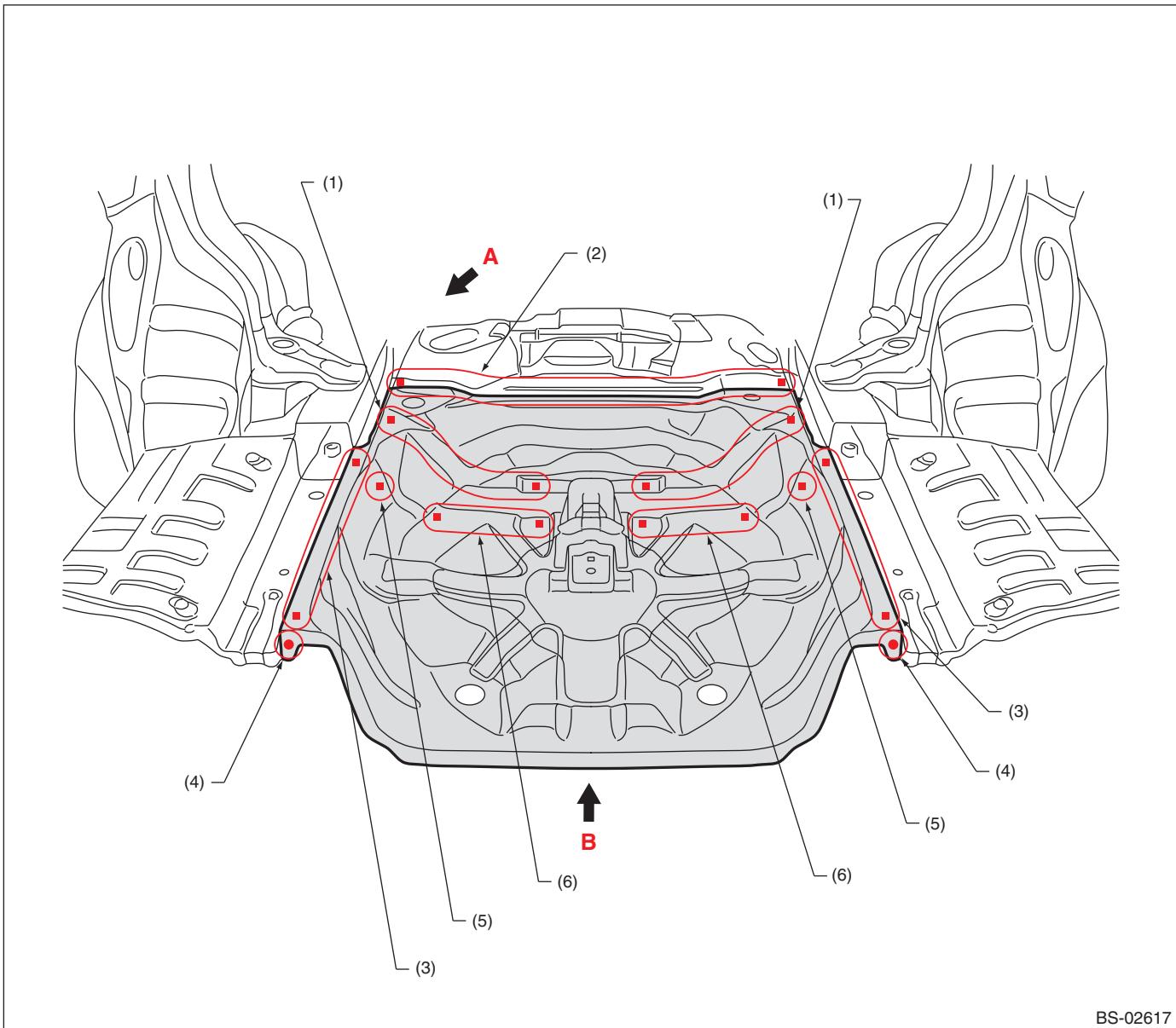
(1) 1 point (top · 2)

(2) 2 points (top · 2)

## Rear Floor Pan (total replacement)/4 door

### B: INSTALLATION

- Overall view



BS-02617

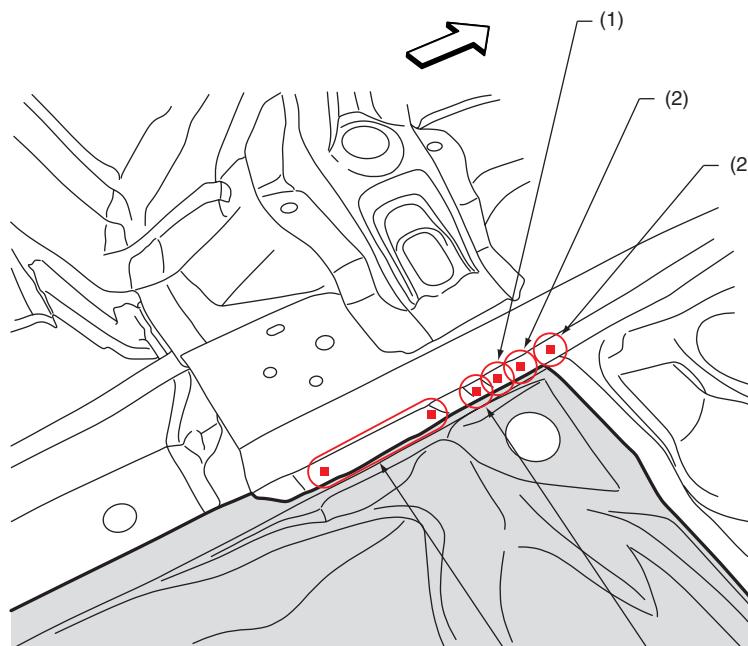
(1) 6 points (service)  
(2) 12 points (service)

(3) 9 points (service)  
(4) 1 point

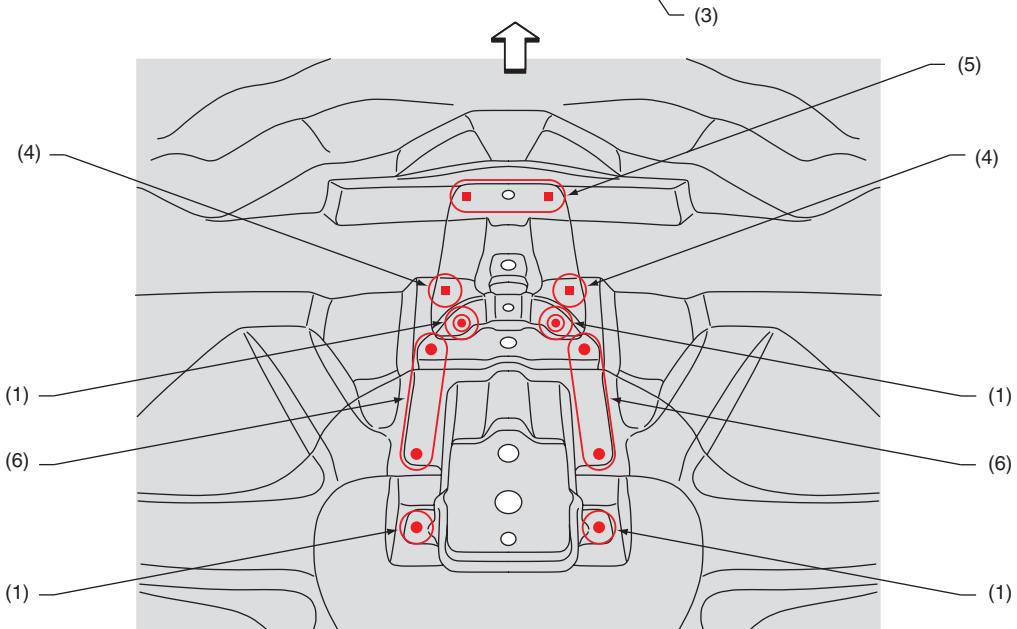
(5) 1 point (service)  
(6) 5 points (service)

## Rear Floor Pan (total replacement)/4 door

- Views



**A**



**B**

BS-02618

(1) 1 point

(2) 1 point (service · matching)

(3) 2 points (service · matching)

(4) 1 point (service)

(5) 2 points (service)

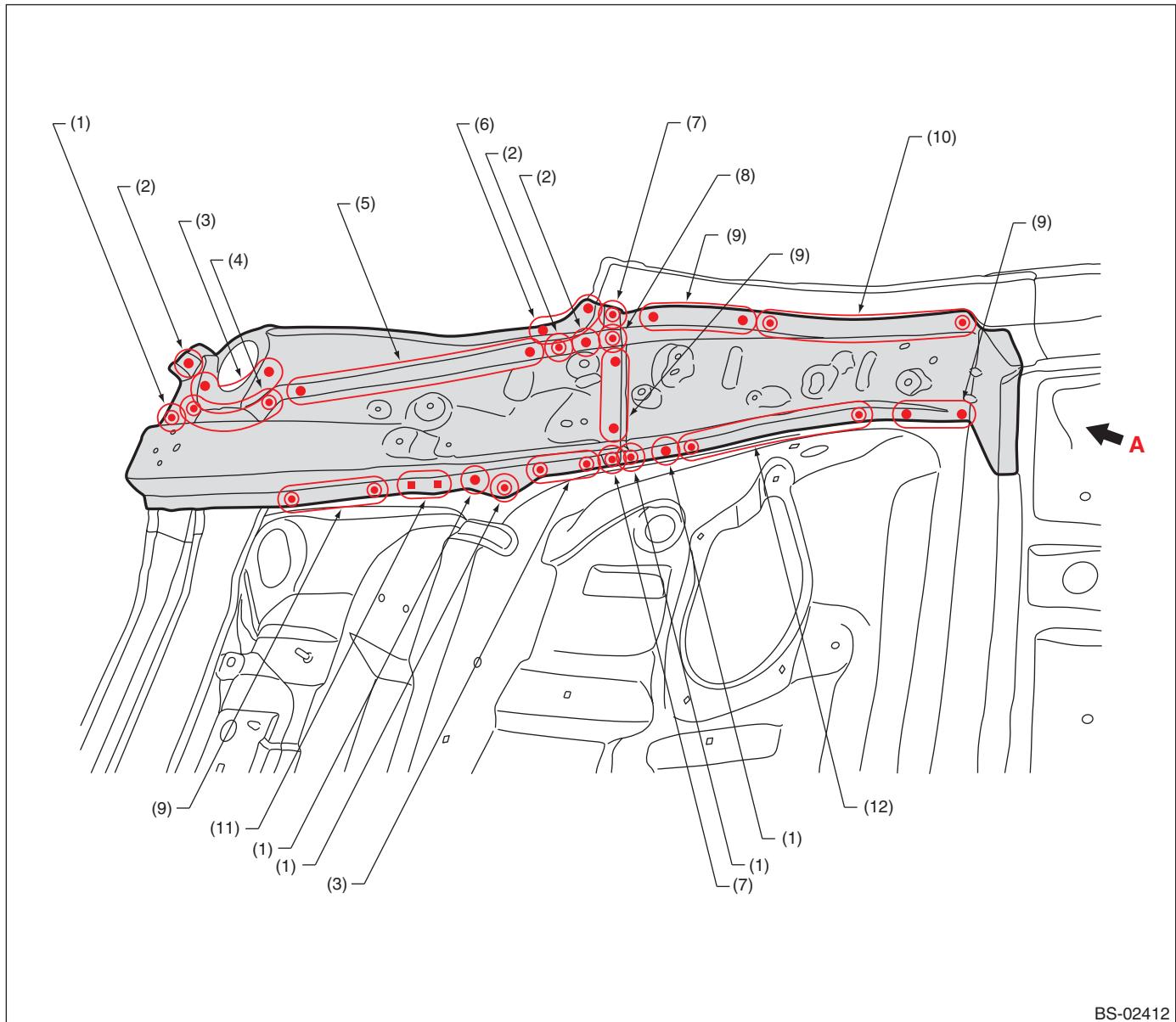
(6) 3 points

## 31.Closing Plate (total replacement)

### A: REMOVAL

1) Rear skirt, rear floor pan, rear quarter, rear quarter inner removal condition

- Overall view

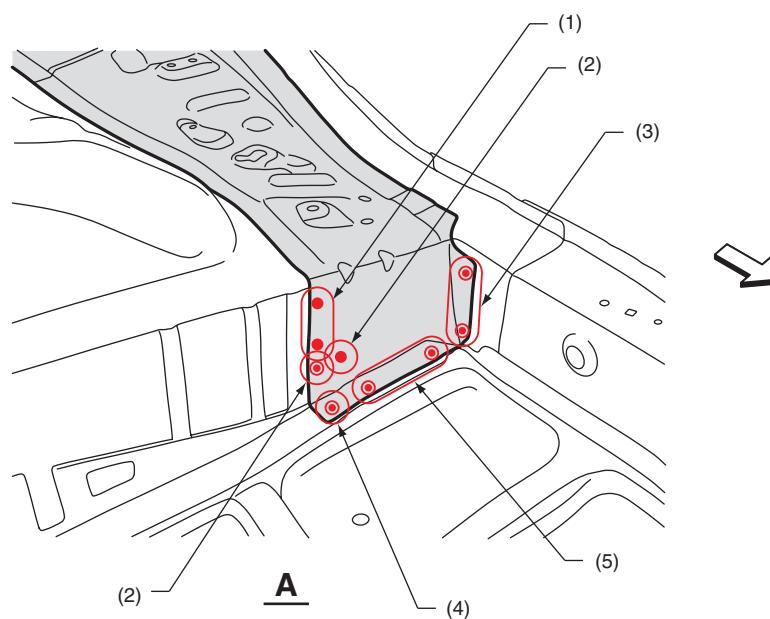


BS-02412

(1) 1 point (top · 1)	(5) 6 points (inside · 1)	(9) 3 points (top · 1)
(2) 1 point (inside · 1)	(6) 2 points (inside · 1)	(10) 5 points (top · 1)
(3) 2 points (top · 1)	(7) 1 point (top · 2)	(11) 2 points (top · 1, belt sander)
(4) 3 points (inside · 1)	(8) 1 point (inside · 2)	(12) 4 points (top · 1)

## Closing Plate (total replacement)

- Views



BS-02413

(1) 2 points (inside · 1)  
(2) 1 point (inside · 1)

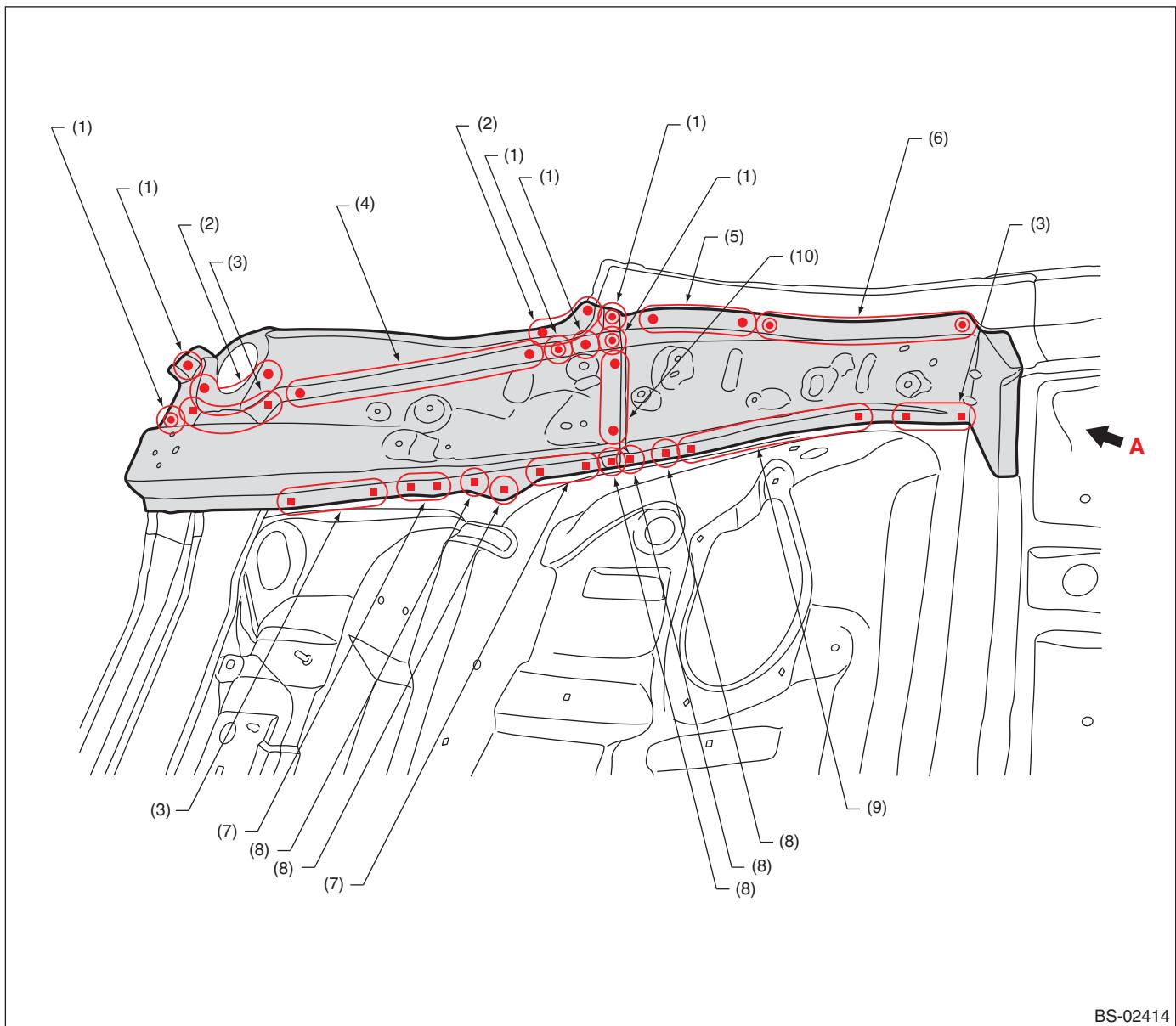
(3) 3 points (inside · 1)  
(4) 1 point (top · 1)

(5) 3 points (top · 1)

## Closing Plate (total replacement)

### B: INSTALLATION

- Overall view

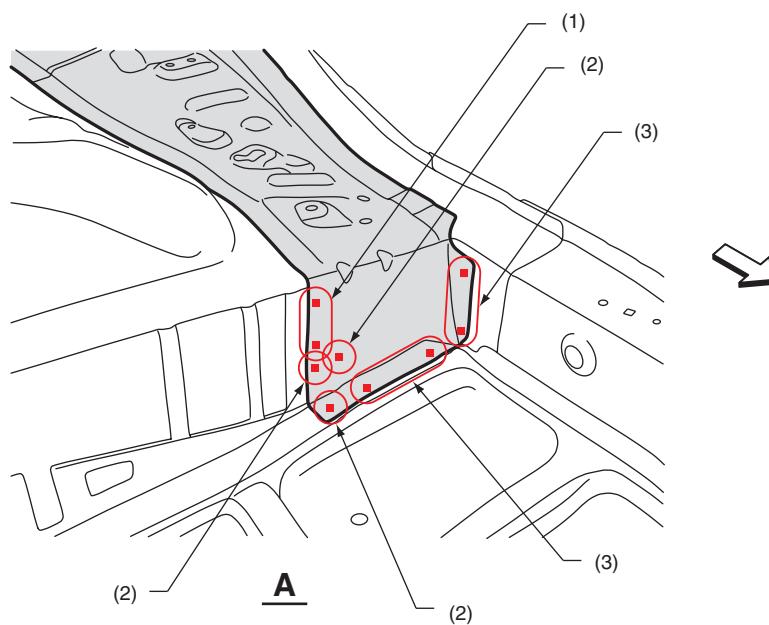


BS-02414

(1) 1 point	(5) 4 points	(9) 4 points (service)
(2) 2 points	(6) 6 points	(10) 3 points
(3) 3 points (service)	(7) 2 points (service)	
(4) 8 points	(8) 1 point (service)	

## Closing Plate (total replacement)

- Views



BS-02415

(1) 2 points (service)

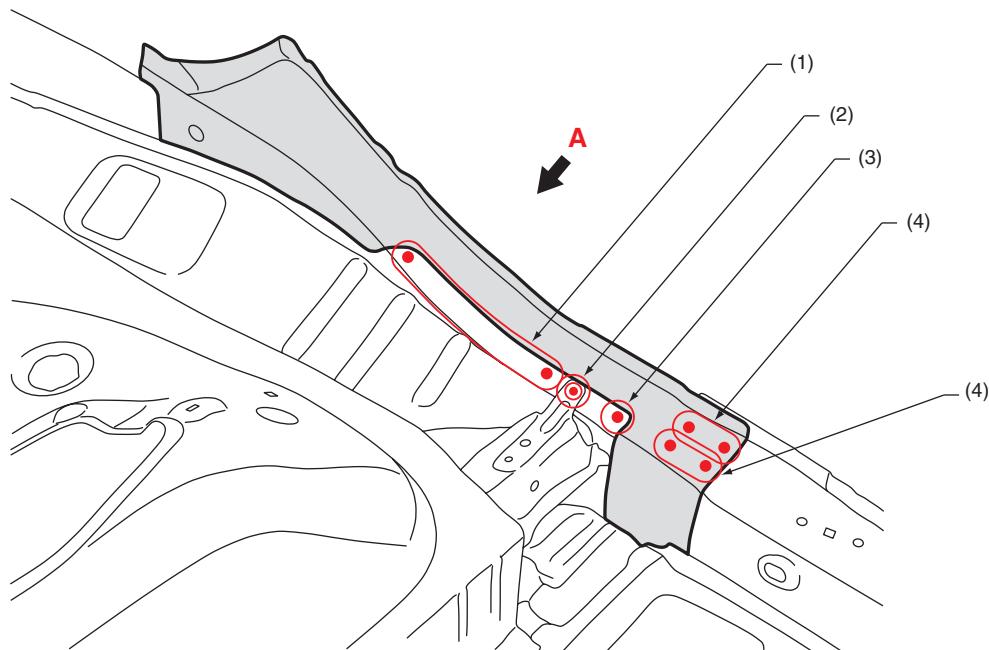
(2) 1 point (service)

(3) 3 points (service)

### 32. Side Sill Inner Rear (total replacement)

#### A: REMOVAL

- 1) Rear quarter, rear quarter inner, closing plate, side sill reinforcement outer & inner removal condition
  - Overall view



BS-02416

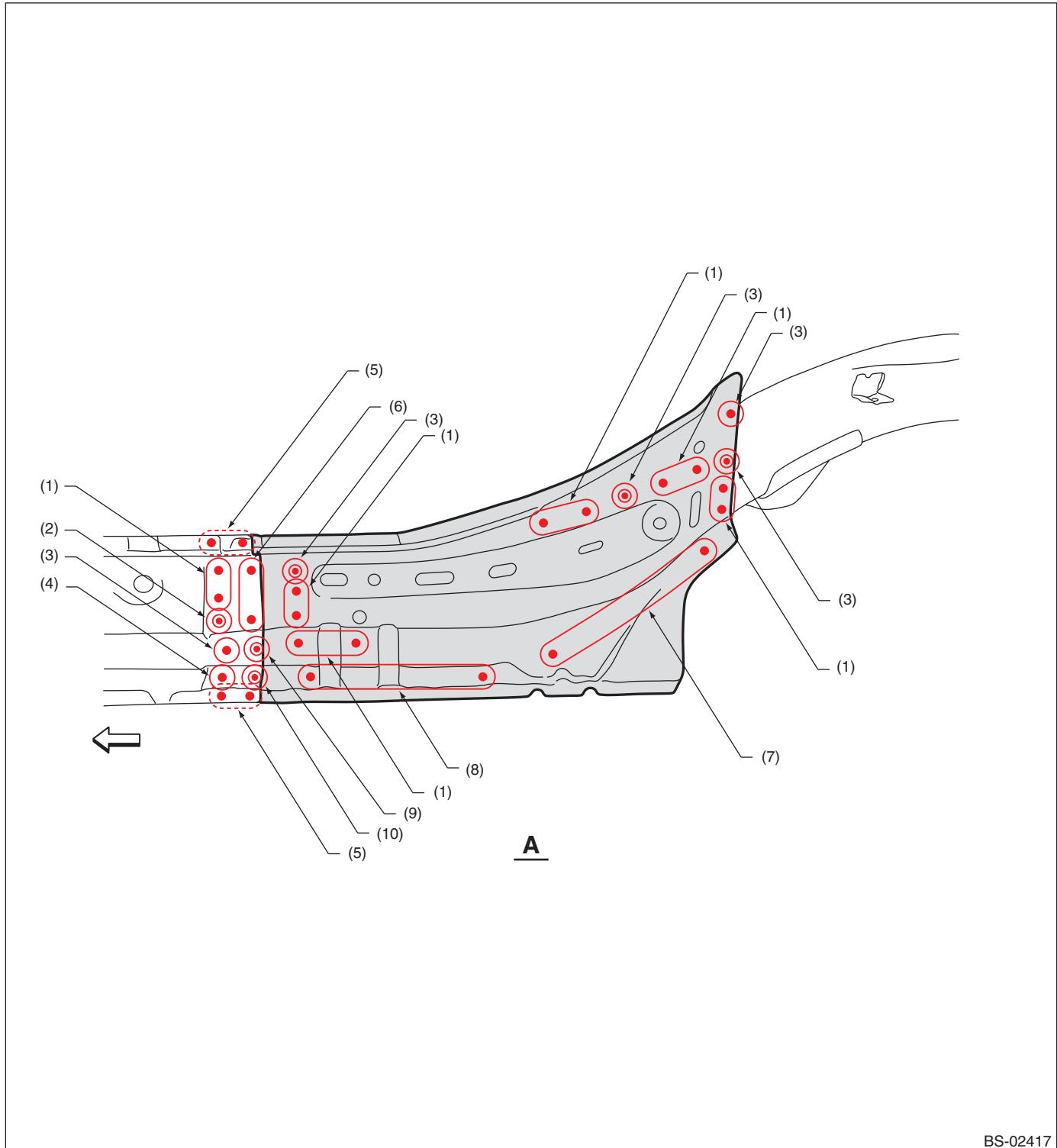
(1) 4 points (top · 1)  
(2) 1 point (top · 2)

(3) 1 point (top · 1)

(4) 2 points (top · 1)

## Side Sill Inner Rear (total replacement)

- Views



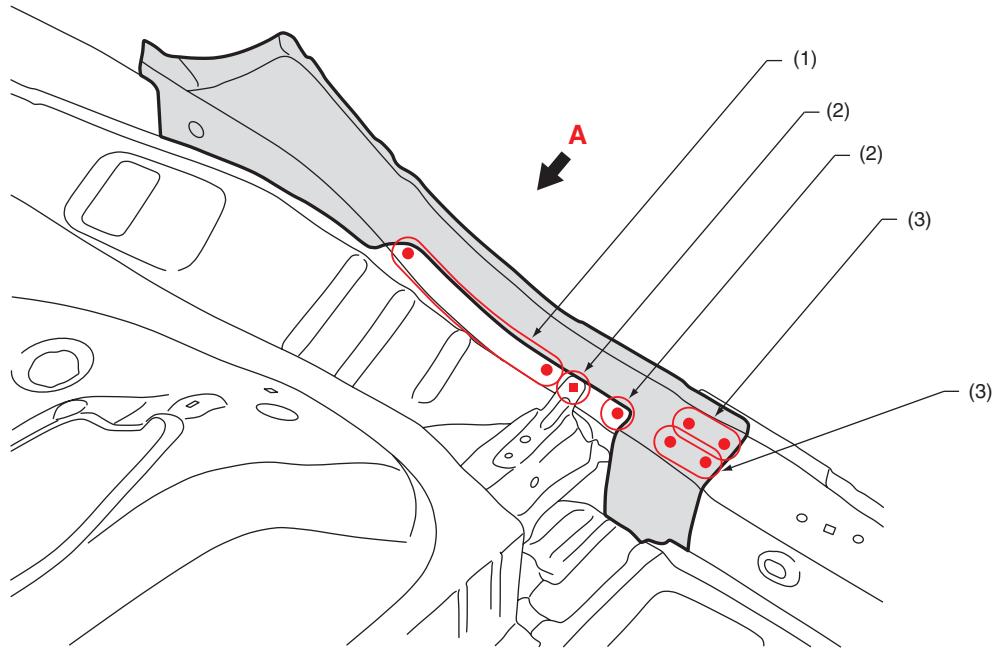
BS-02417

(1) 2 points (outside · 1)	(5) 2 points (inside · 1)	(9) 1 point (outside · 2)
(2) 1 point (outside · 1, inside · 1)	(6) 3 points (outside · 1)	(10) 1 point (bottom · 2)
(3) 1 point (outside · 1)	(7) 5 points (outside · 1)	
(4) 1 point (bottom · 1)	(8) 4 points (bottom · 1)	

## Side Sill Inner Rear (total replacement)

### B: INSTALLATION

- Overall view



BS-02418

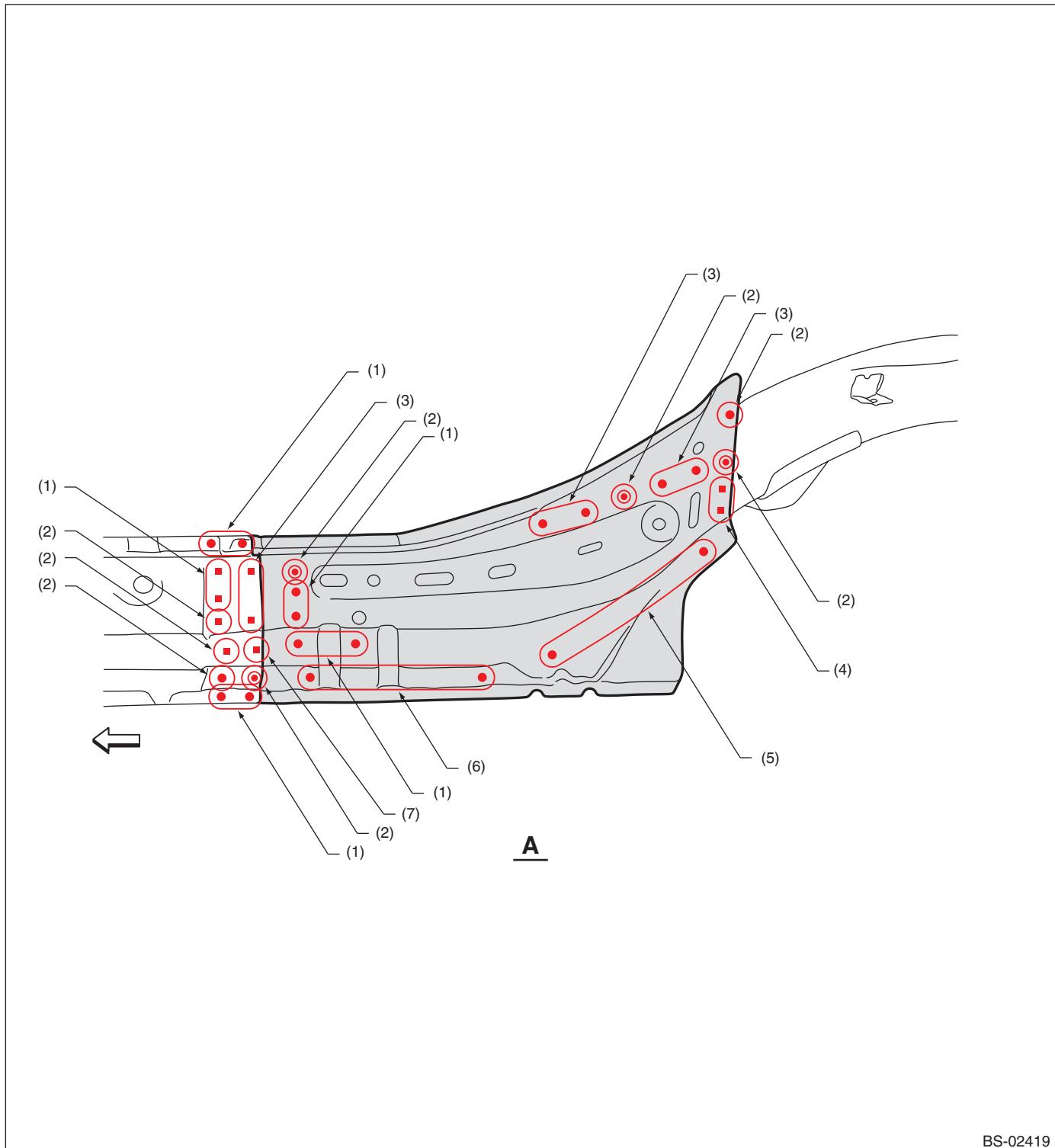
(1) 5 points

(2) 1 point

(3) 2 points

## Side Sill Inner Rear (total replacement)

- Views



BS-02419

(1) 2 points  
(2) 1 point  
(3) 3 points

(4) 2 points (service)  
(5) 6 points  
(6) 4 points

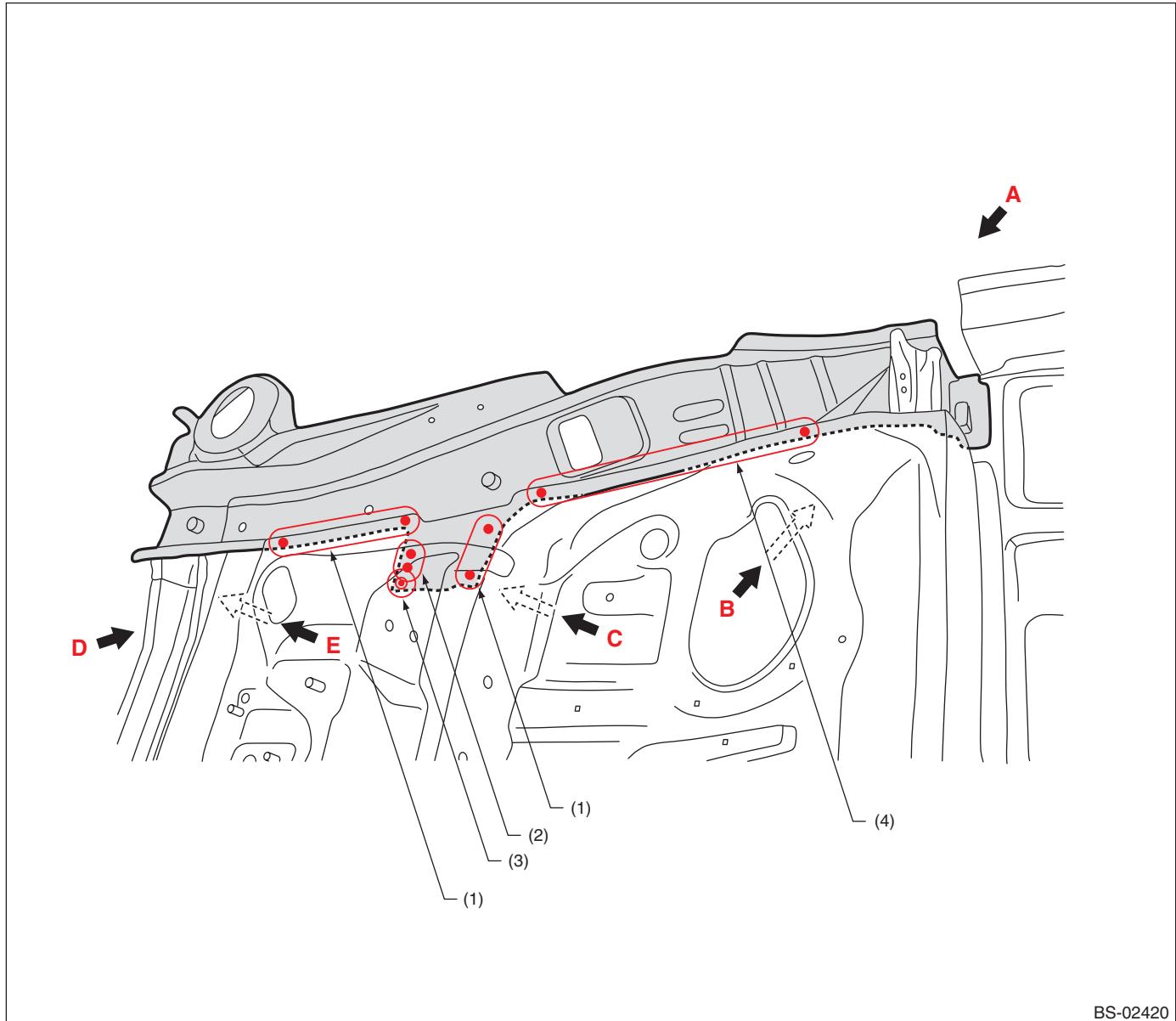
(7) 1 point (service · matching)

### 33. Rear Frame (total replacement)

#### A: REMOVAL

1) Rear quarter, rear floor pan, rear floor side frame (upper, lower), side sill reinforcement outer & inner removal condition

- Overall view



BS-02420

(1) 3 points (top · 1)

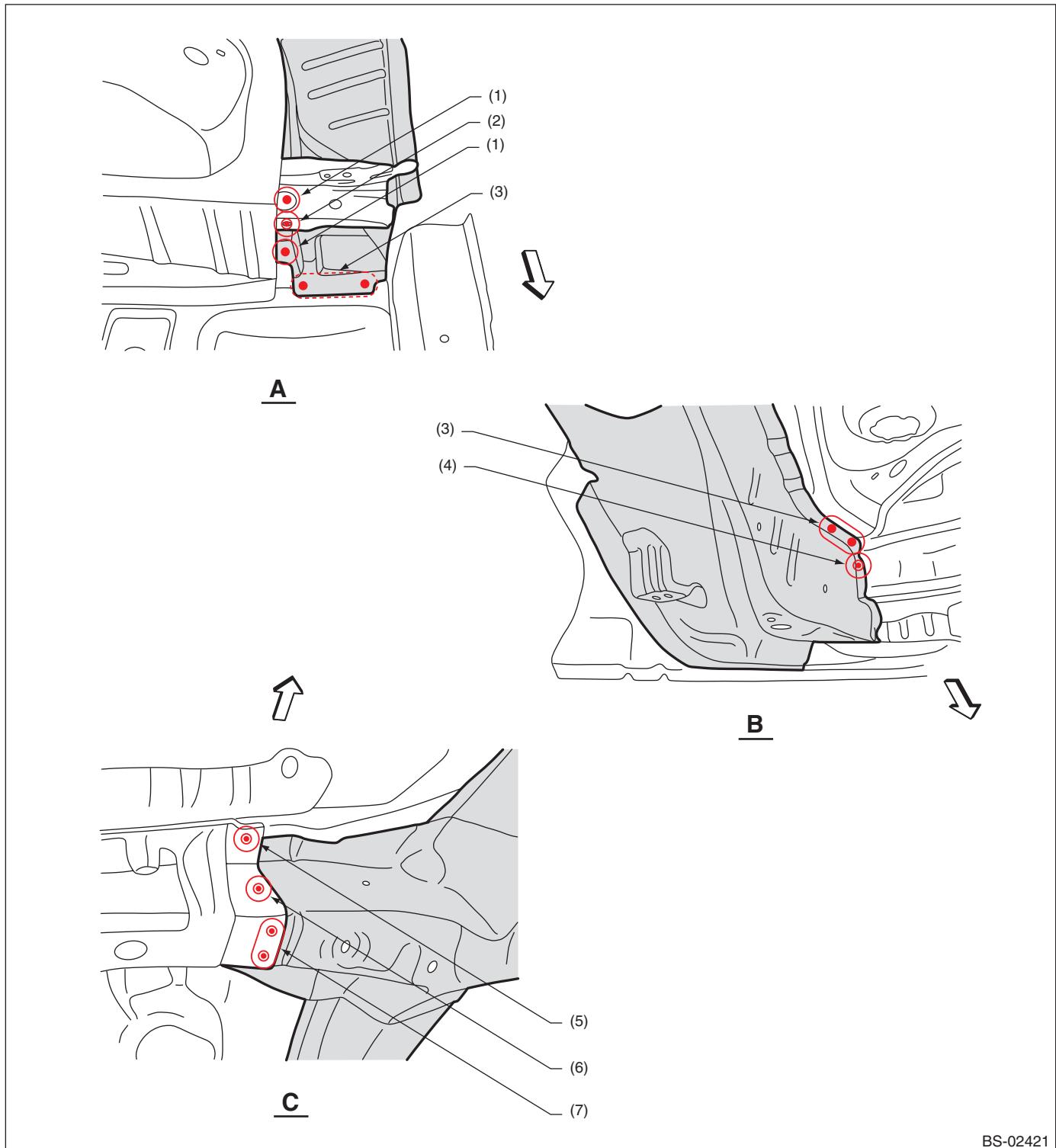
(2) 2 points (top · 1)

(3) 1 point (top · 2)

(4) 7 points (top · 1)

## Rear Frame (total replacement)

- Views 1

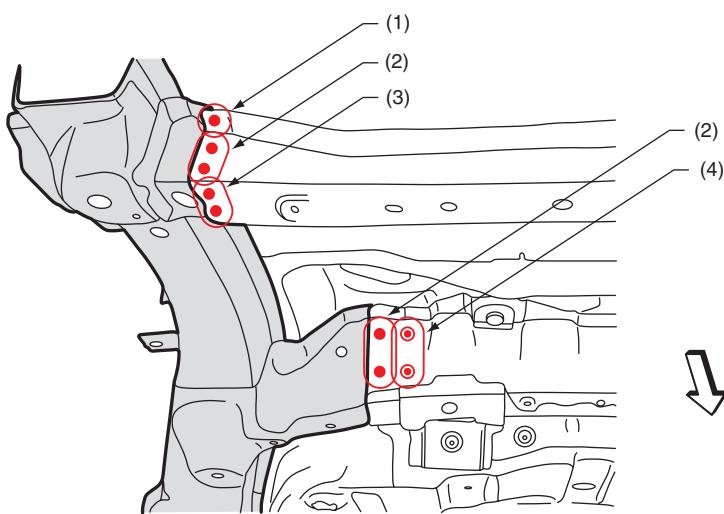


(1) 1 point (inside · 1)	(4) 1 point (outside · 1)	(7) 2 points (bottom · 2)
(2) 1 point (top · 2)	(5) 1 point (bottom · 2)	
(3) 2 points (bottom · 1)	(6) 1 point (inside · 2, belt sander)	

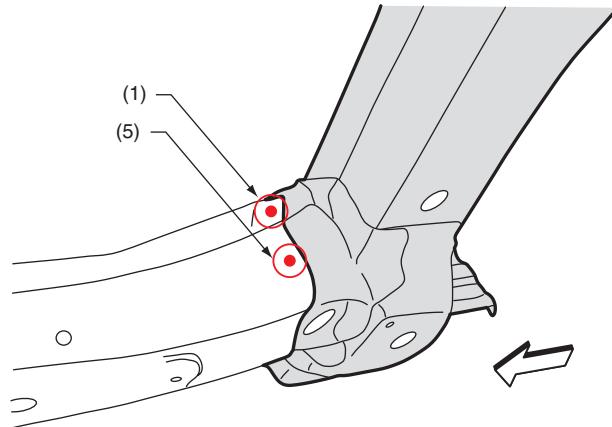
BS-02421

## Rear Frame (total replacement)

- Views 2



**D**



**E**

BS-02422

(1) 1 point (bottom · 1)  
(2) 2 points (outside · 1)

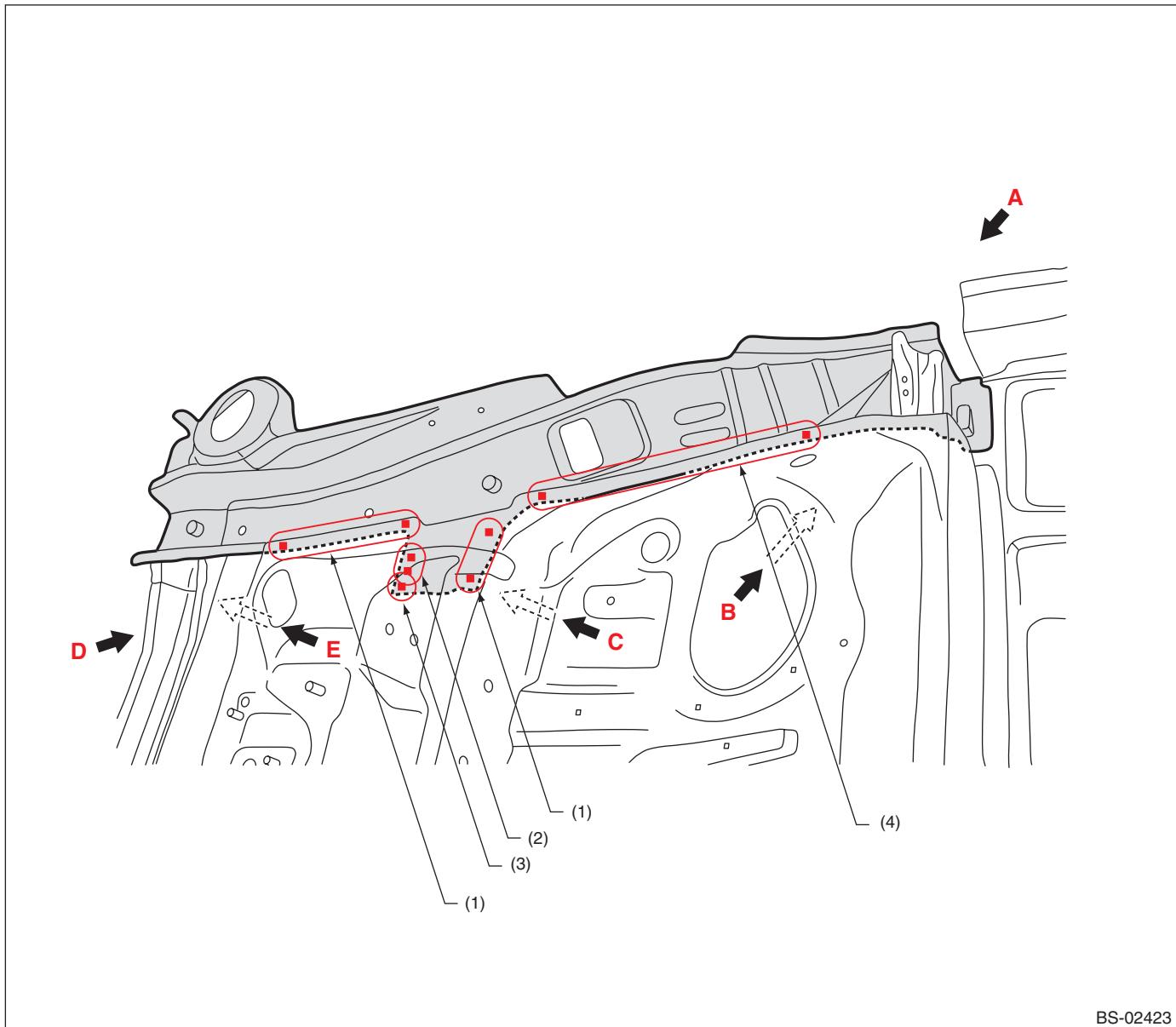
(3) 2 points (bottom · 1)  
(4) 2 points (outside · 2)

(5) 1 point (inside · 1)

## Rear Frame (total replacement)

### B: INSTALLATION

- Overall view



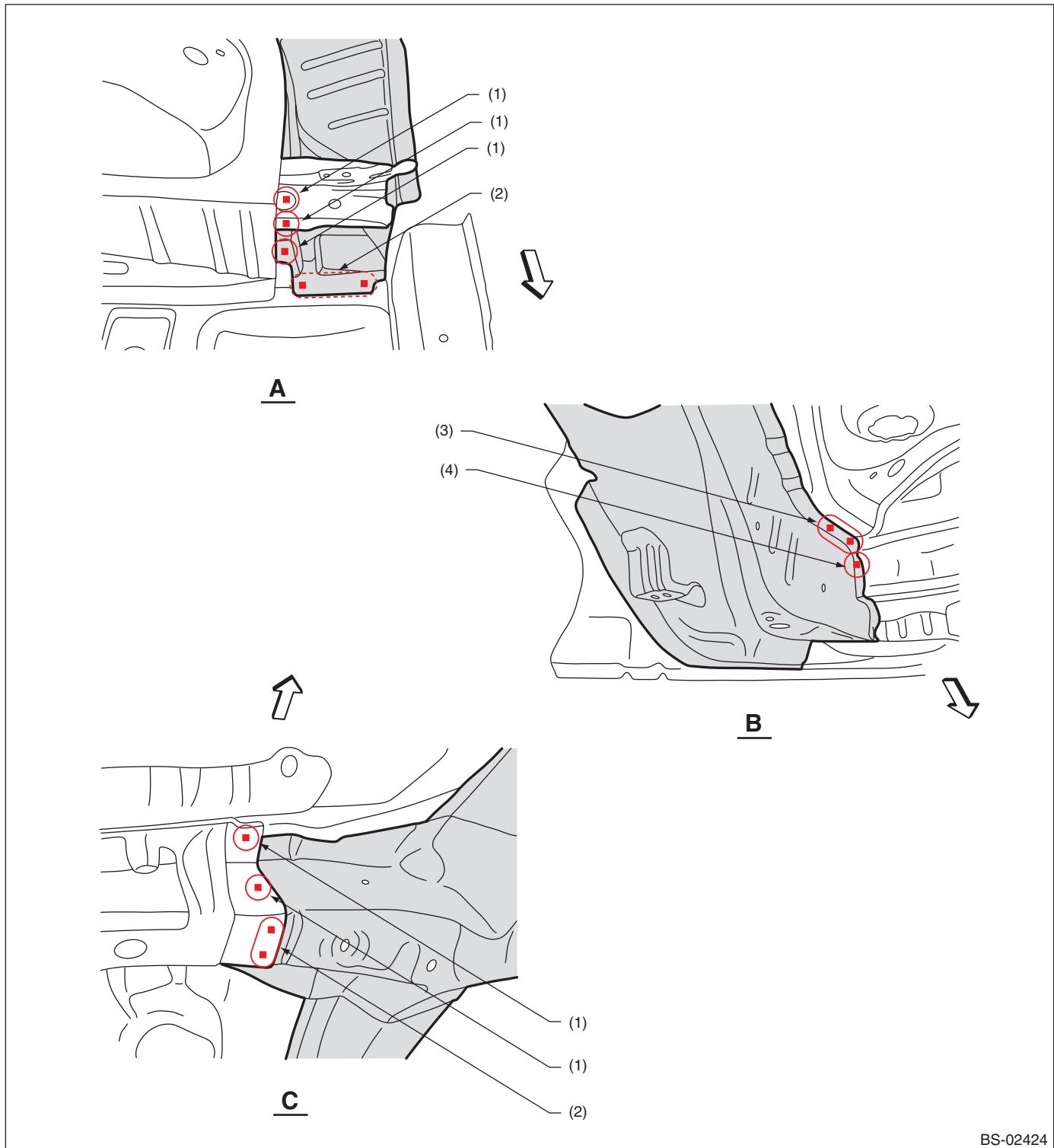
(1) 3 points  
(2) 2 points

(3) 1 point (service · matching)

(4) 7 points

## Rear Frame (total replacement)

- Views 1



BS-02424

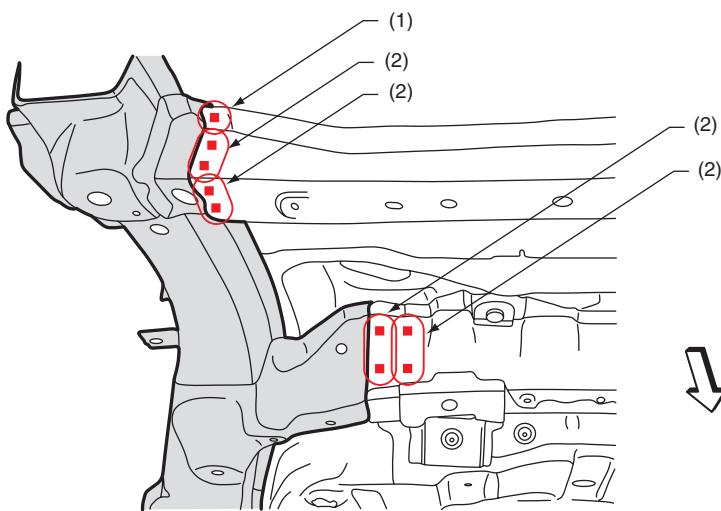
(1) 1 point  
(2) 2 points

(3) 2 points (service)

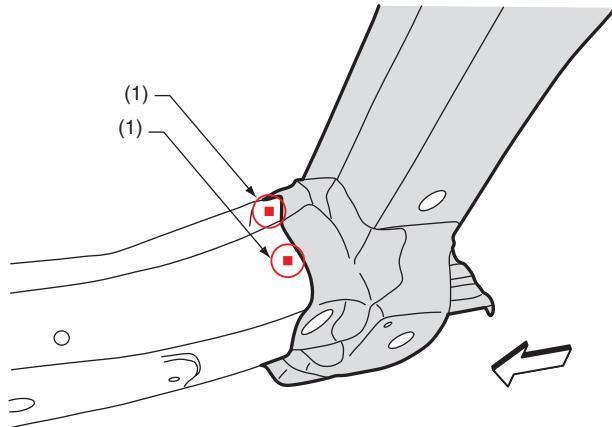
(4) 1 point (service)

## Rear Frame (total replacement)

- Views 2



**D**



**E**

BS-02425

(1) 1 point

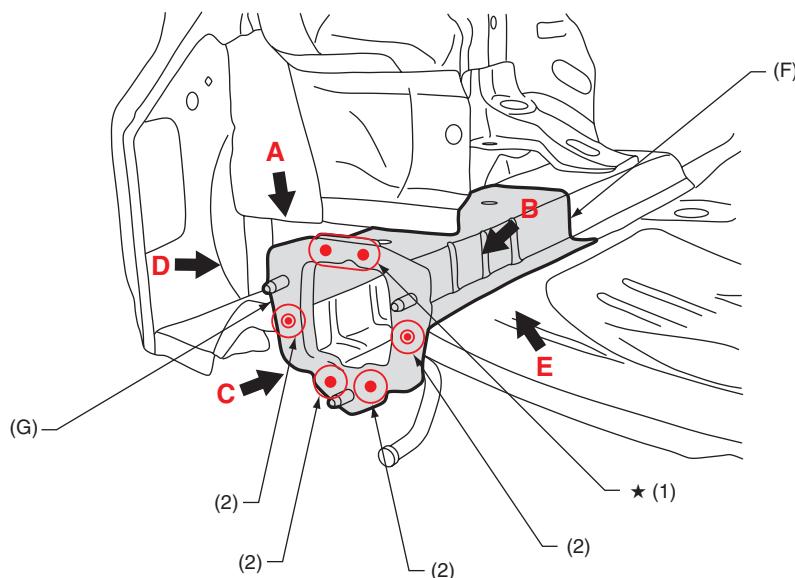
(2) 2 points

### 34.Rear Side Frame Upper Rear (total replacement)/5 door

#### A: REMOVAL

1) Rear skirt removal condition

- Overall view



BS-02635

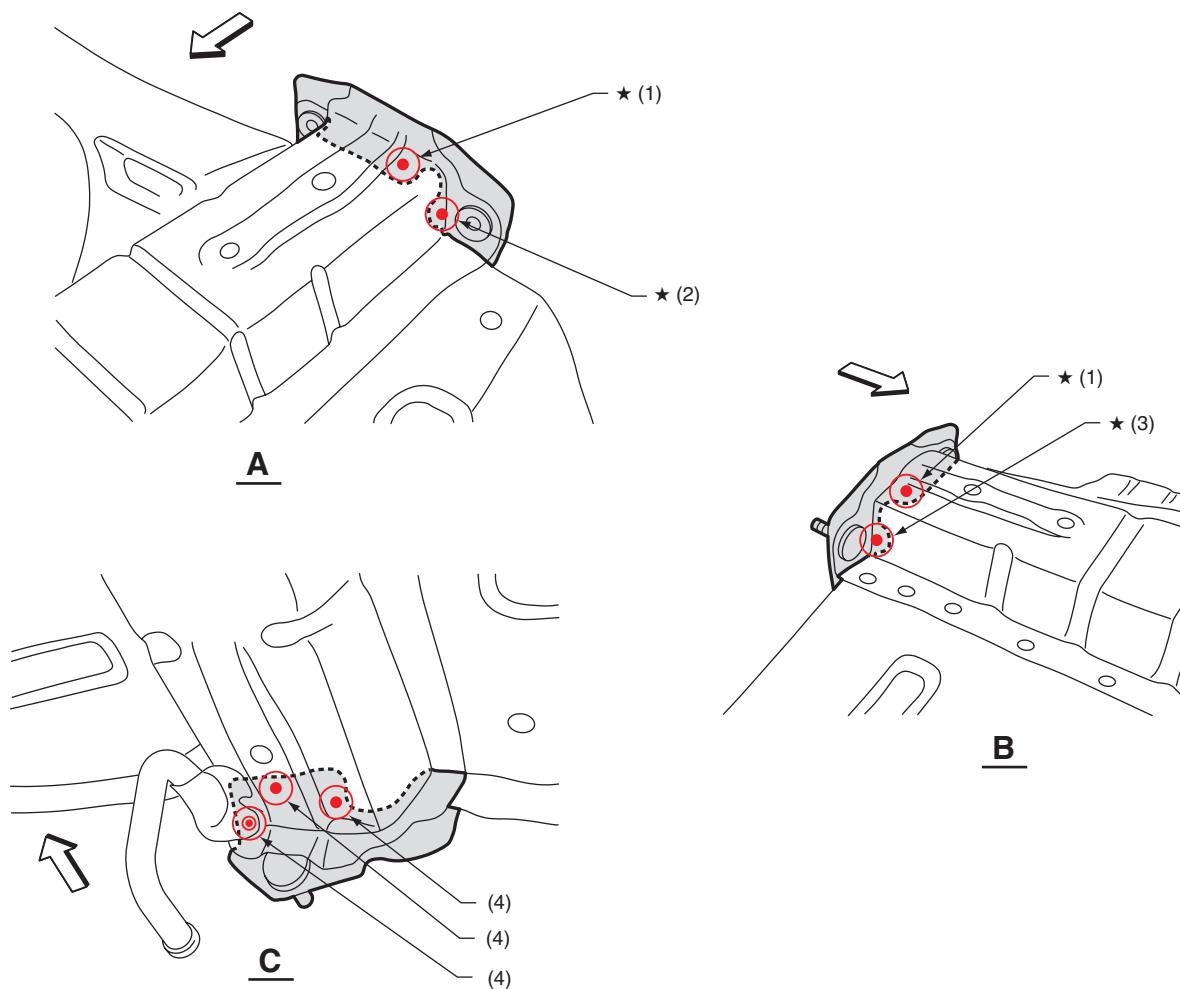
(1) 2 points (outside · 1)

(2) 1 point (outside · 1)

(F) frame side rear upper rear rear and (G) bracket bumper rear are a set as maintenance parts. In case of replacement in maintenance units, removal work at the location marked by ★ is not required. When (G) is replaced alone, removal work at the location marked by ★ is required.

## Rear Side Frame Upper Rear (total replacement)/5 door

- Views 1



BS-02427

(1) 1 point (top · 1)

(3) 1 point (inside · 1)

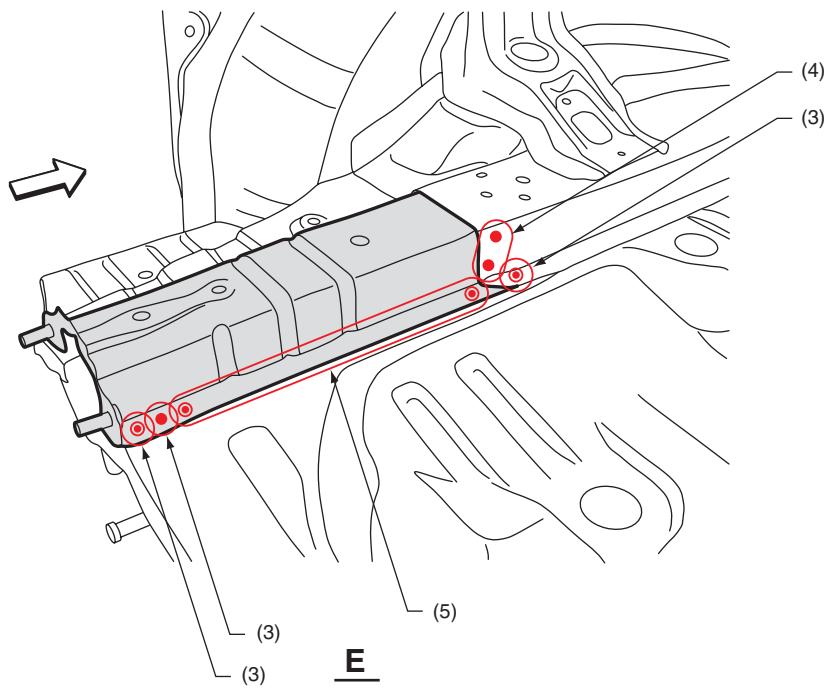
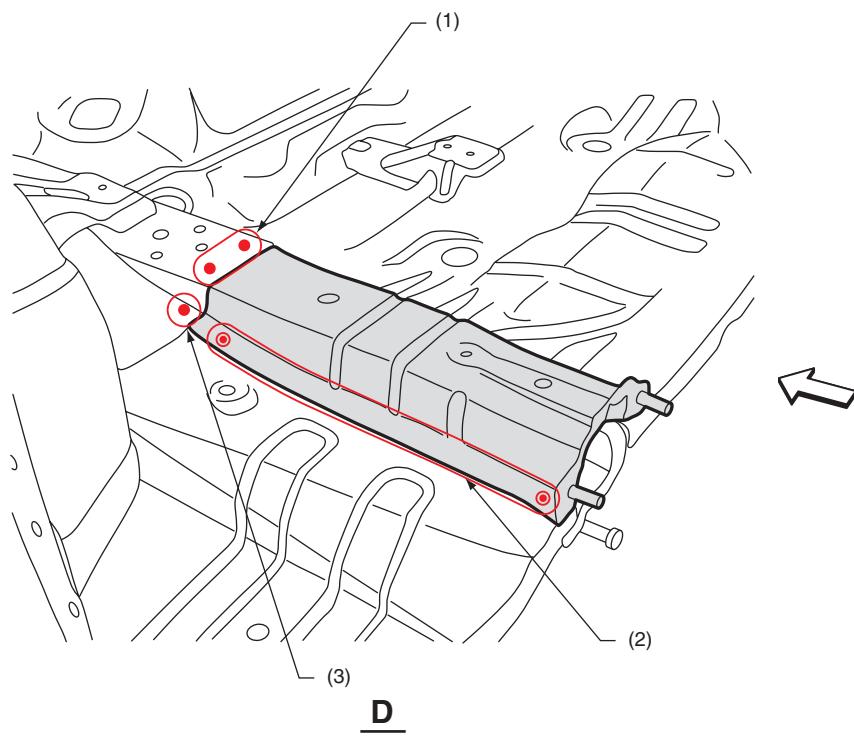
(4) 1 point (bottom · 1)

(2) 1 point (outside · 1)

Refer to the preceding page for ★.

## Rear Side Frame Upper Rear (total replacement)/5 door

### • Views 2



BS-02428

(1) 3 points (top · 1)

(2) 6 points

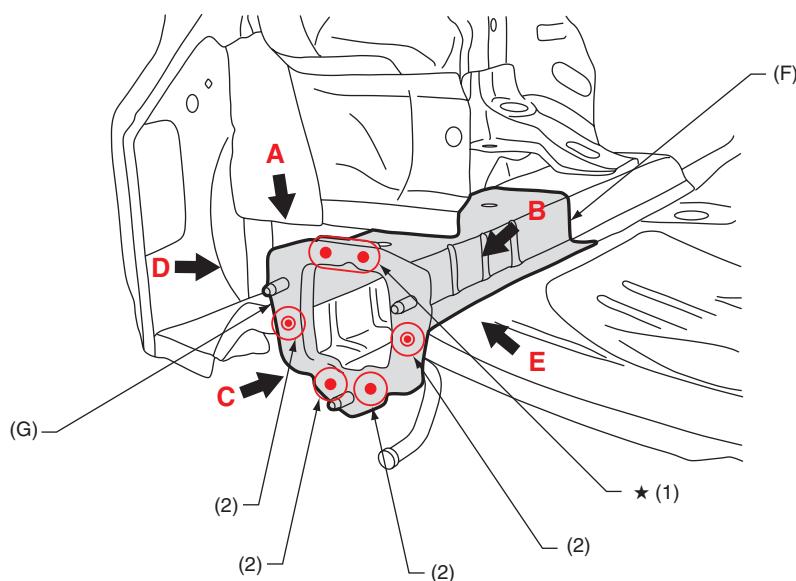
(3) 1 point (top · 1)

(4) 2 points (inside · 1)

(5) 6 points (top · 1)

## B: INSTALLATION

- Overall view



BS-02636

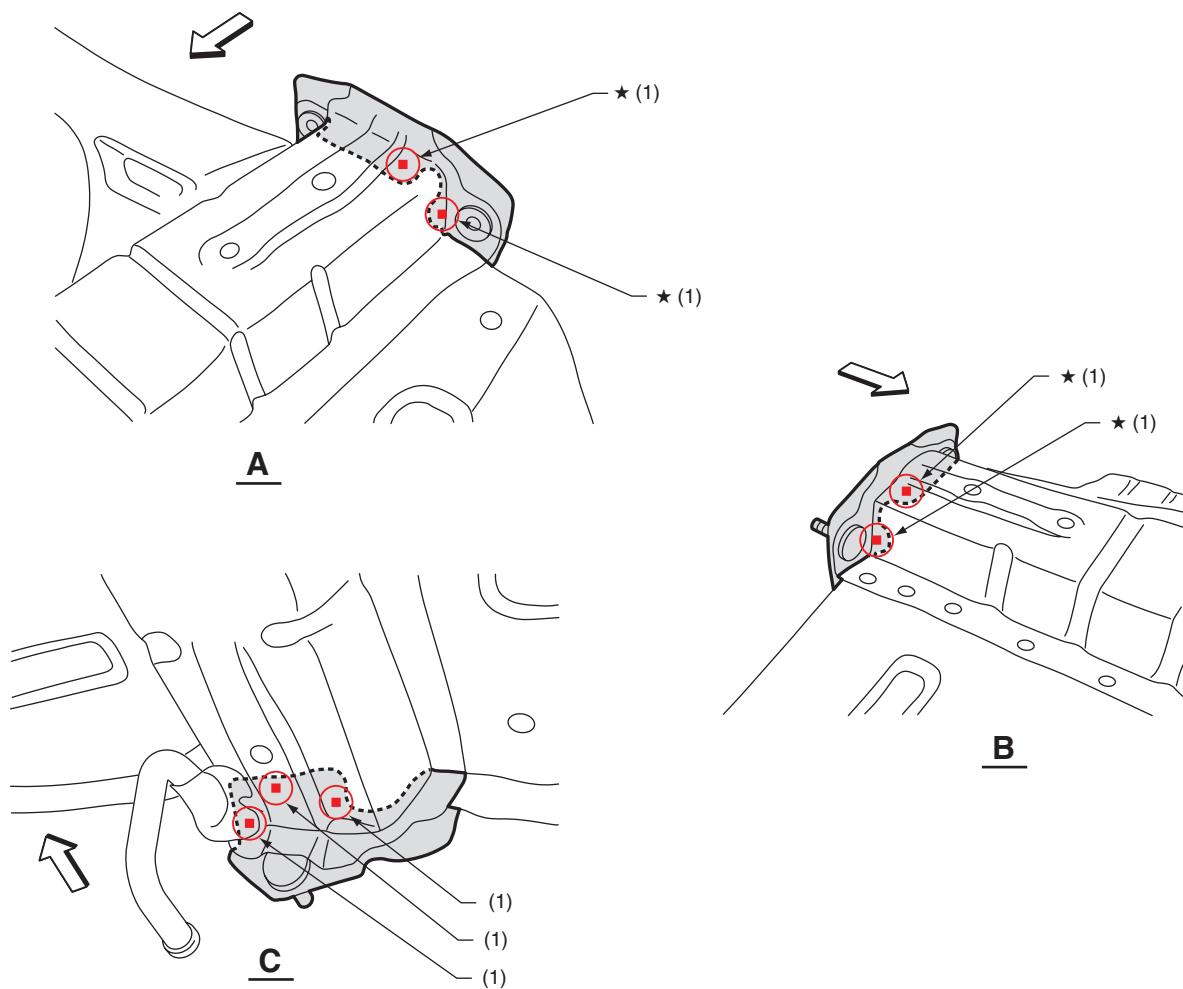
(1) 2 points

(2) 1 point

(F) frame side rear upper rear rear and (G) bracket bumper rear are a set as maintenance parts. In case of replacement in maintenance units, installation work at the location marked by ★ is not required. When (G) is replaced alone, installation work at the location marked by ★ is required.

## Rear Side Frame Upper Rear (total replacement)/5 door

- Views 1



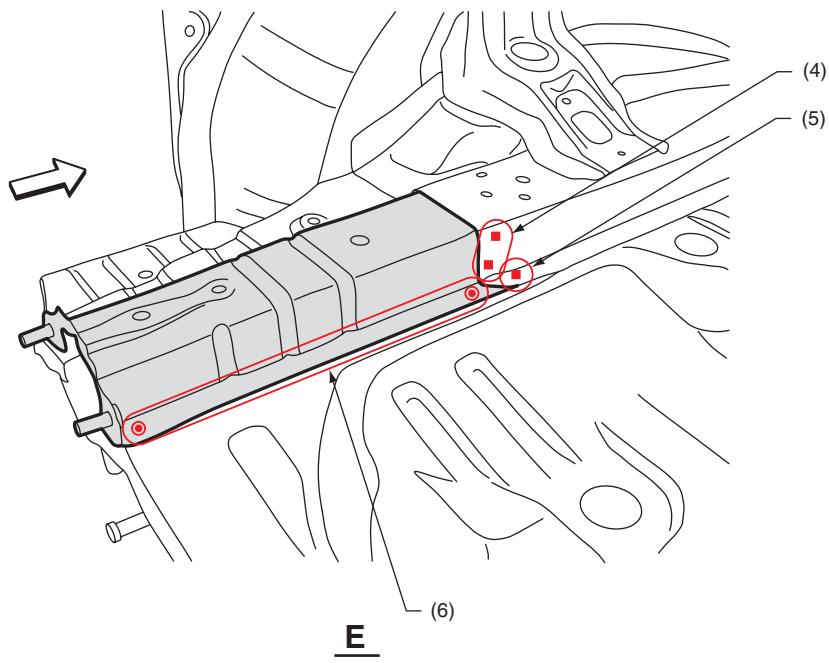
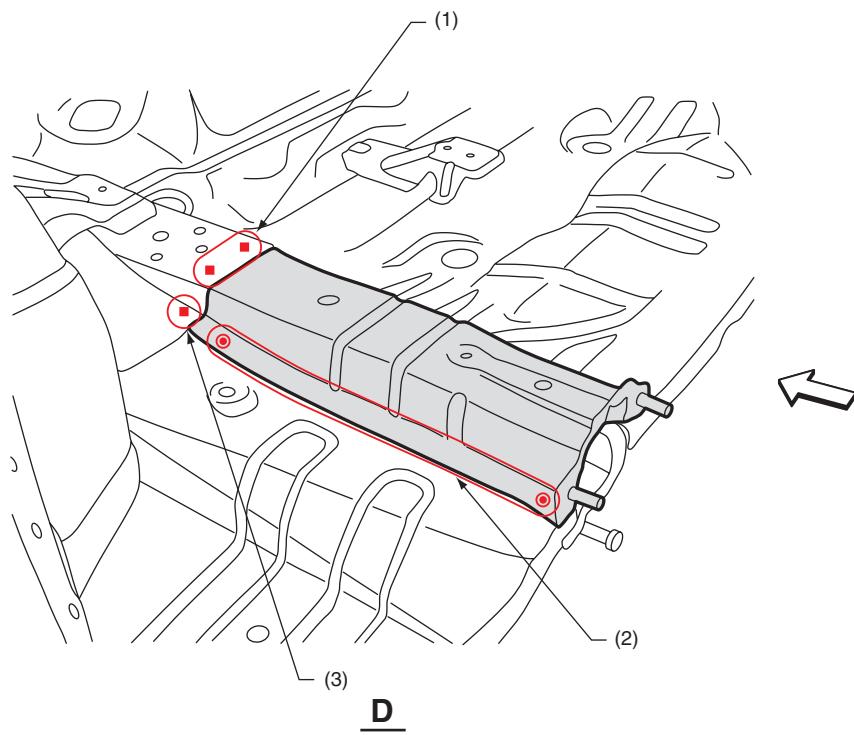
BS-02430

(1) 1 point

Refer to the preceding page for ★.

## Rear Side Frame Upper Rear (total replacement)/5 door

### • Views 2



BS-02461

(1) 3 points  
(2) 8 points

(3) 1 point  
(4) 2 points

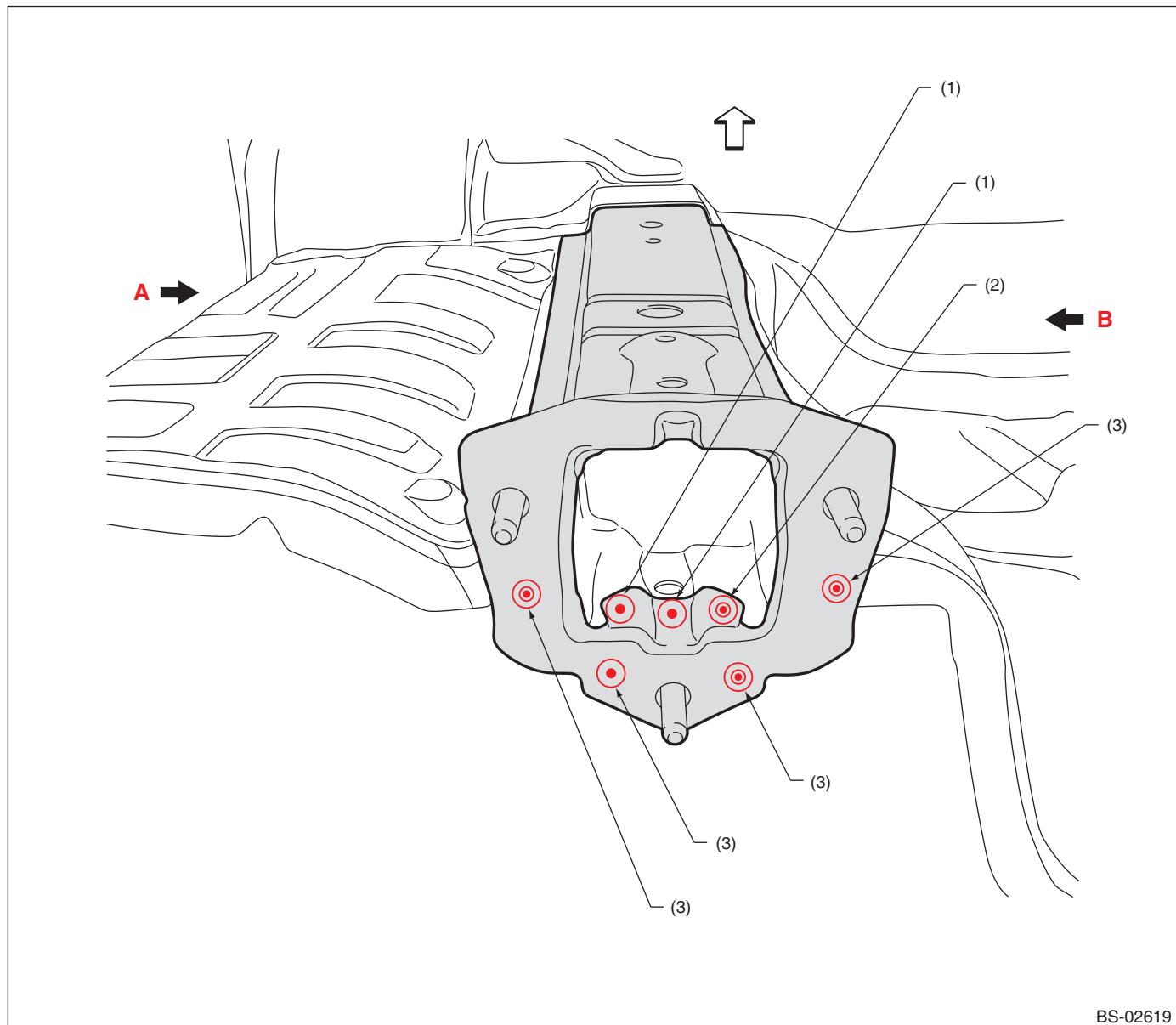
(5) 1 point (service · matching)  
(6) 9 points

### 35.Rear Side Frame Upper Rear (total replacement)/4 door

#### A: REMOVAL

1) Rear skirt removal condition

- Overall view



BS-02619

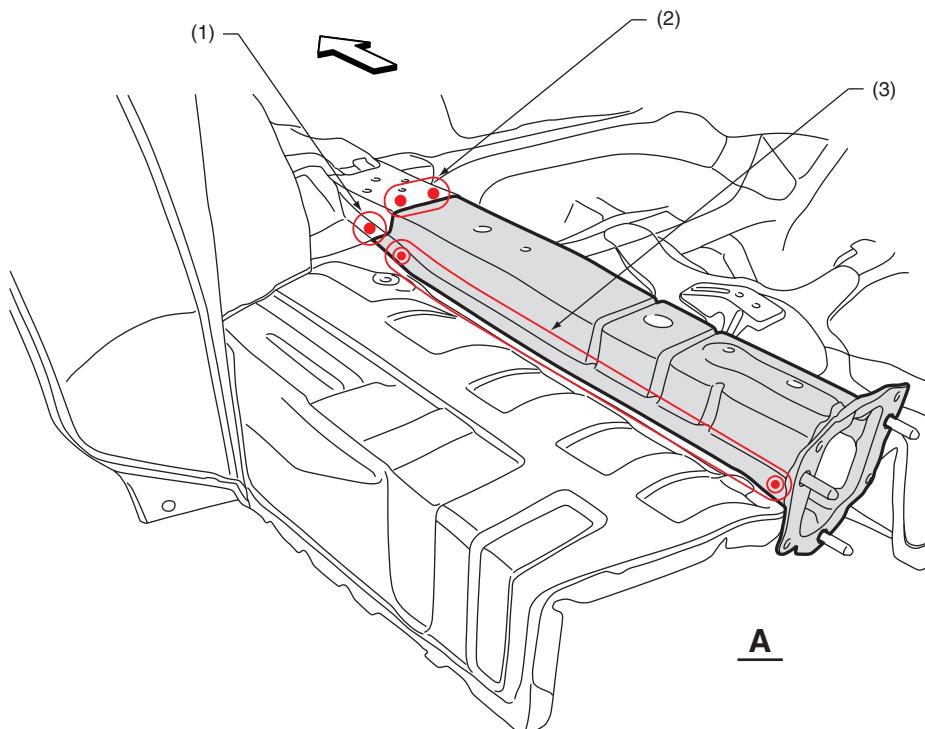
(1) 1 point (bottom · 1)

(2) 1 point (bottom · 2)

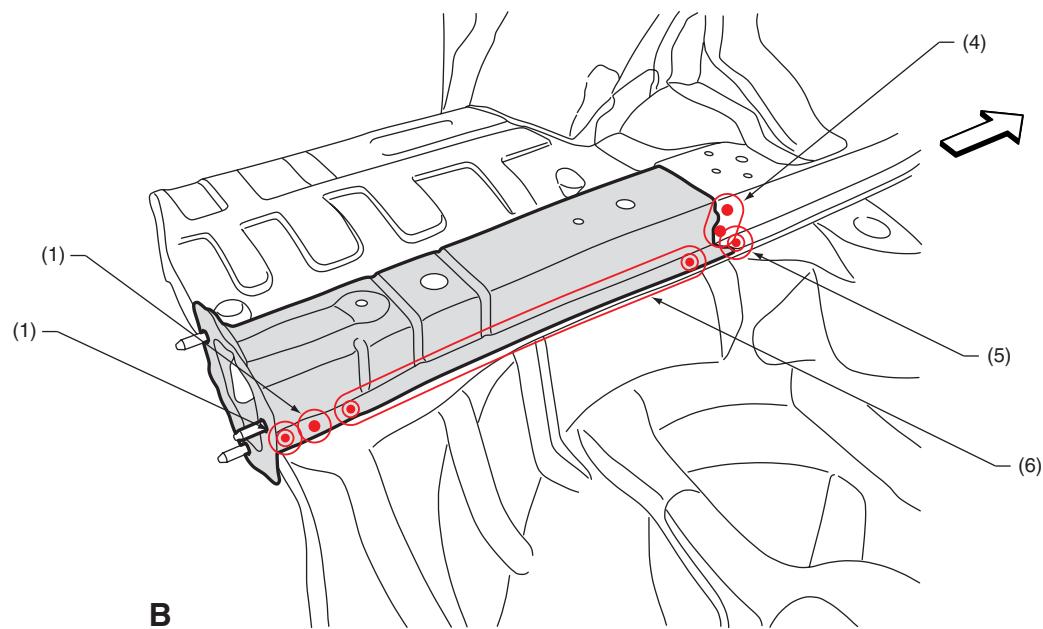
(3) 1 point (outside · 1)

## Rear Side Frame Upper Rear (total replacement)/4 door

- Views



**A**



**B**

BS-02620

(1) 1 point (top · 1)  
(2) 3 points (top · 1)

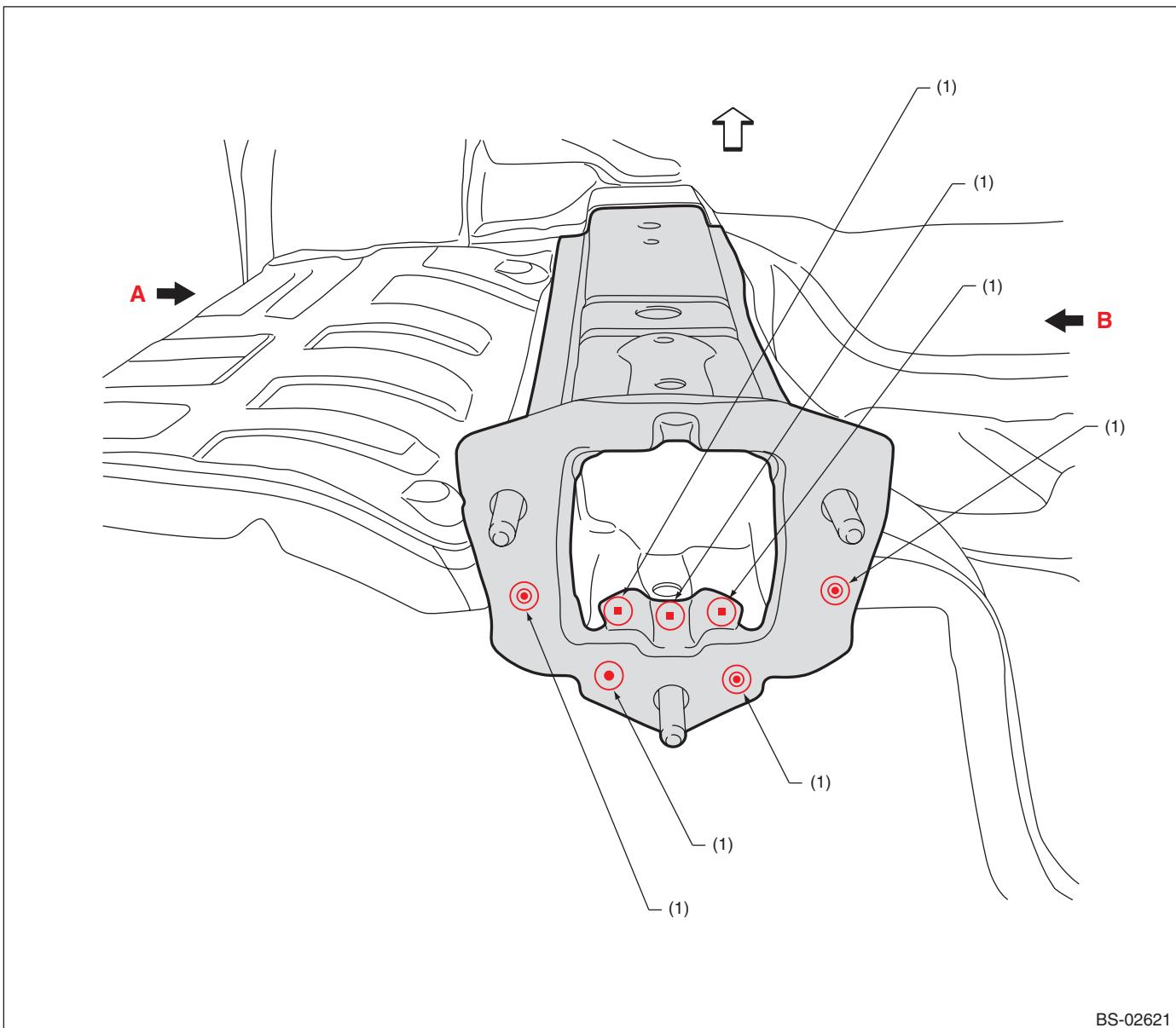
(3) 9 points (top · 1)  
(4) 2 points (inside · 1)

(5) 1 point (top · 2)  
(6) 8 points (top · 1)

## Rear Side Frame Upper Rear (total replacement)/4 door

### B: INSTALLATION

- Overall view

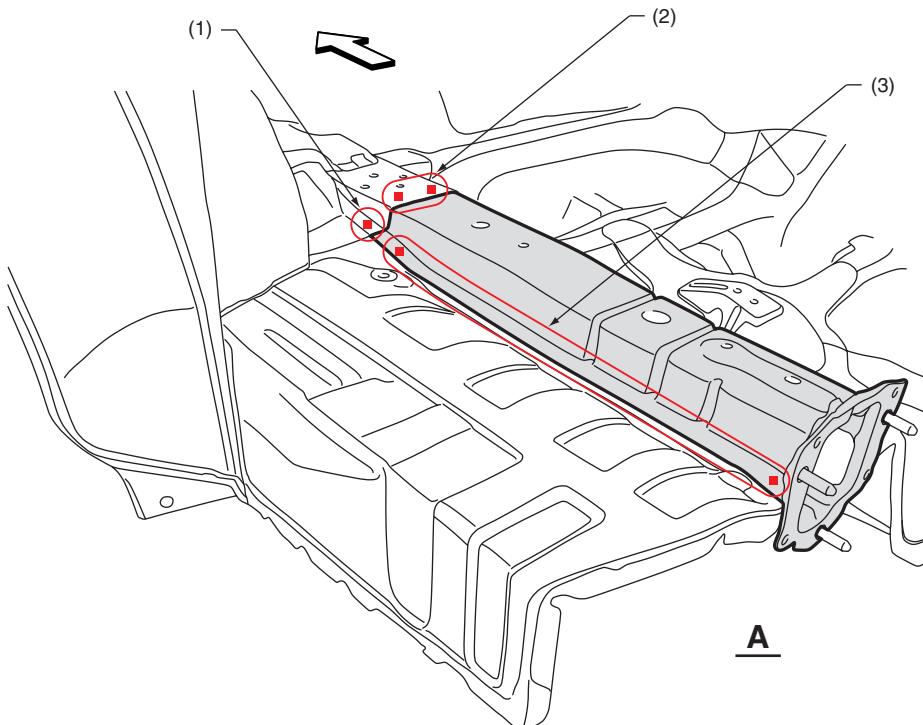


BS-02621

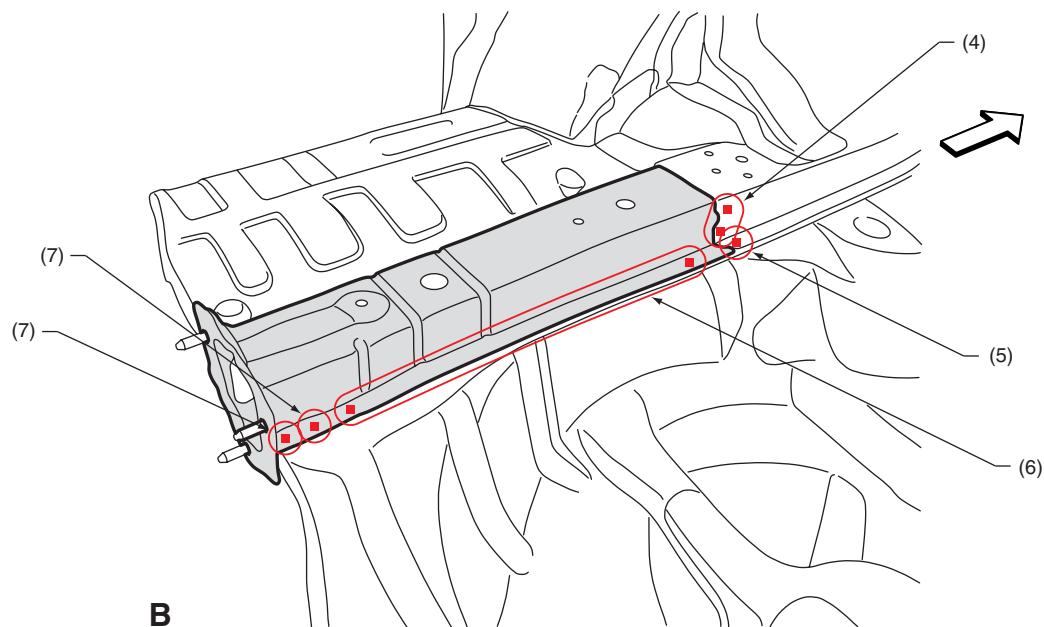
(1) 1 point

## Rear Side Frame Upper Rear (total replacement)/4 door

- Views



**A**



**B**

BS-02622

(1) 1 point

(4) 2 points

(7) 1 point (service)

(2) 3 points

(5) 1 point (service · matching)

(3) 9 points (service)

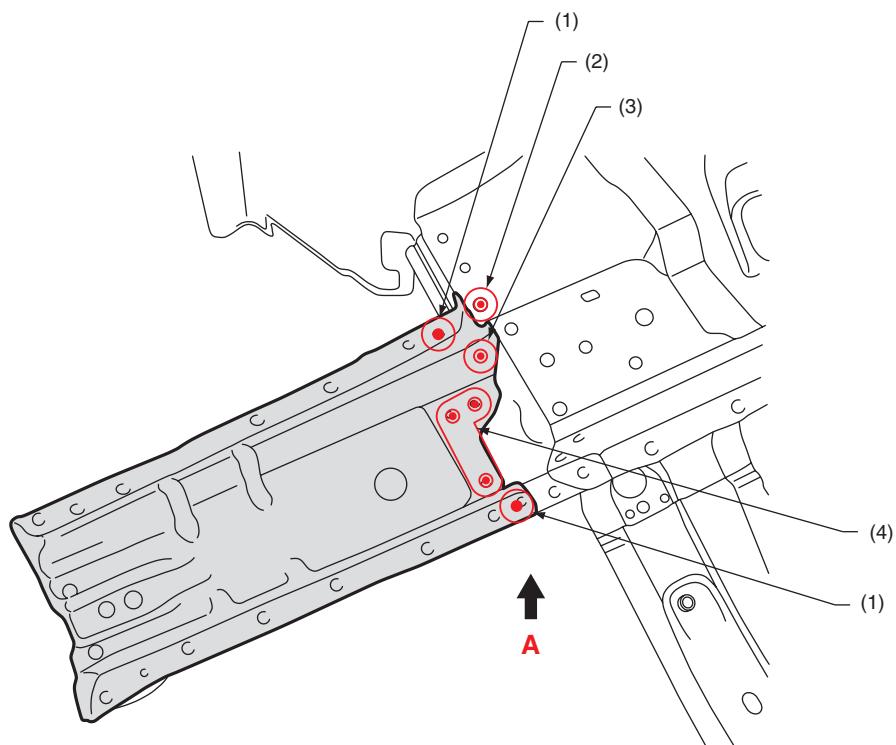
(6) 8 points (service)

### 36.Rear Side Frame Lower Rear (total replacement)

#### A: REMOVAL

1) Rear skirt, floor side, rear side frame upper rear, rear floor removal condition

- Overall view



BS-02432

(1) 1 point (top · 1)

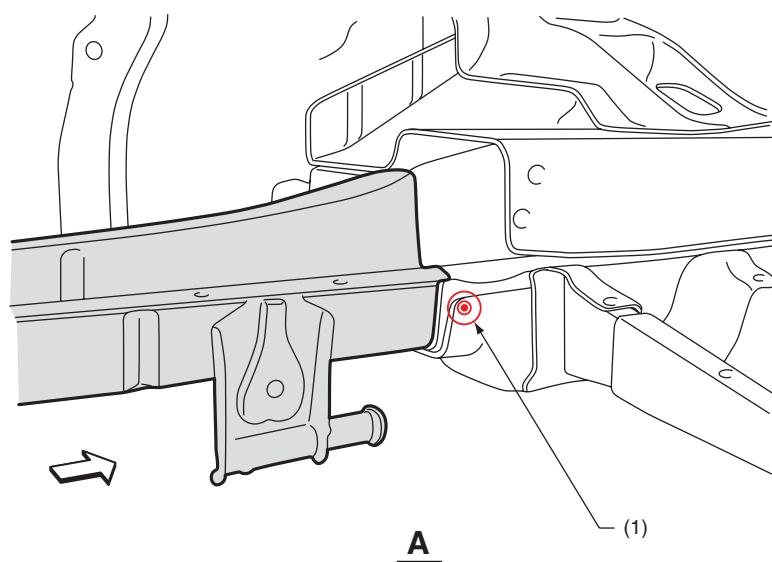
(2) 1 point (bottom · 2)

(3) 1 point (inside · belt sander)

(4) 3 points (top · 1)

## Rear Side Frame Lower Rear (total replacement)

- Views



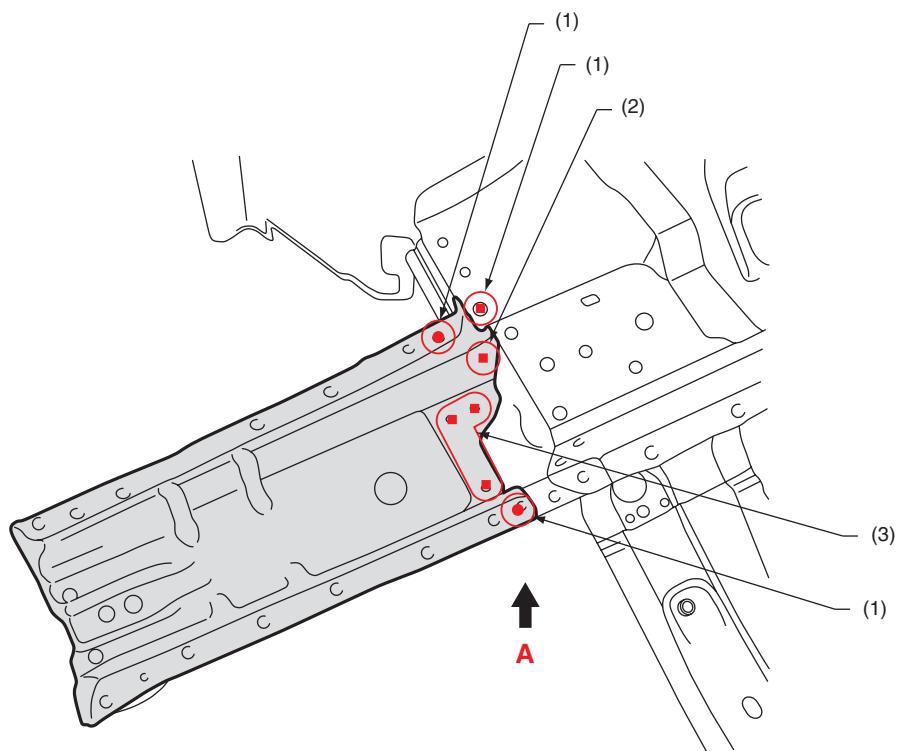
BS-02433

(1) 1 point (inside · 2)

## Rear Side Frame Lower Rear (total replacement)

### B: INSTALLATION

- Overall view



BS-02434

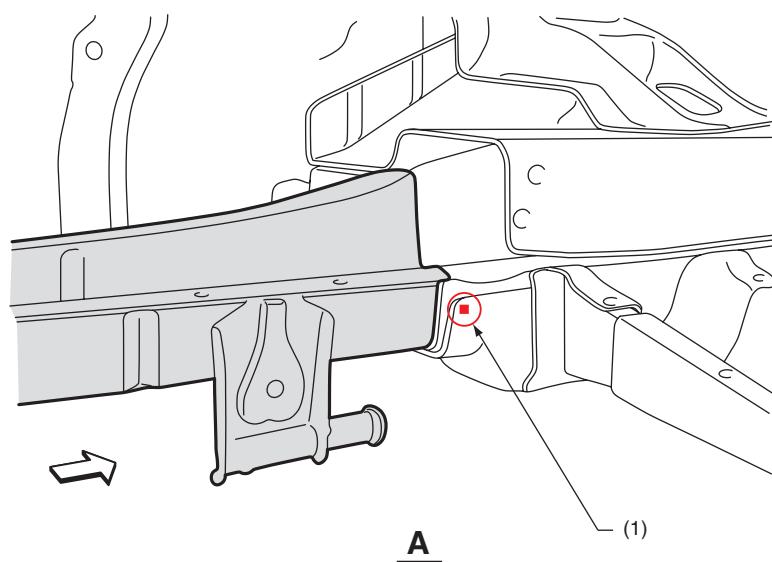
(1) 1 point

(2) 1 point (service)

(3) 3 points (service)

## Rear Side Frame Lower Rear (total replacement)

- Views



BS-02435

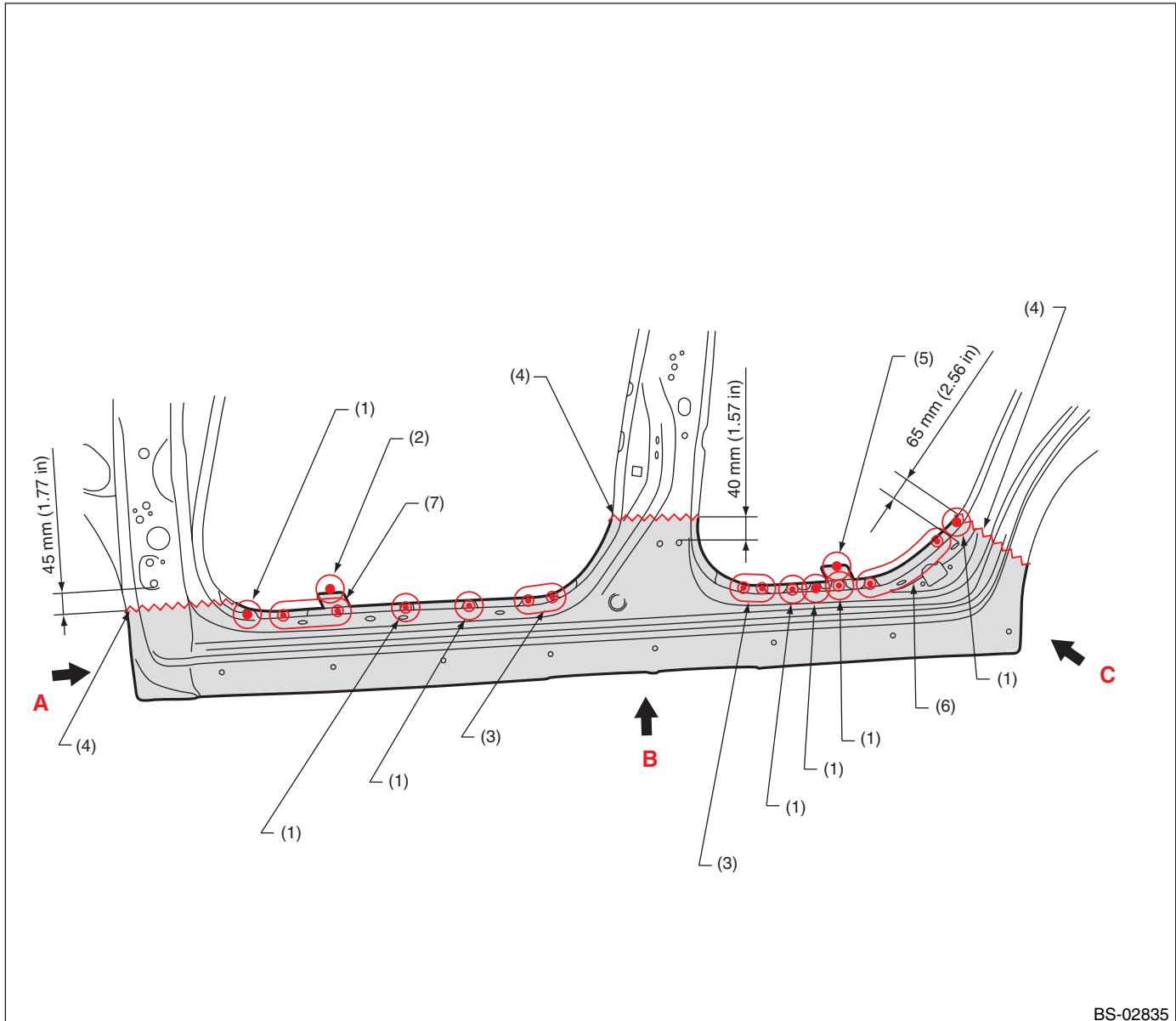
(1) 1 point

## Side Sill Outer (partial replacement)

### 37. Side Sill Outer (partial replacement)

#### A: REMOVAL

- Overall view



(1) 1 point (outside · 1)

(2) 1 point (inside · 1)

(3) 2 points (outside · 1)

(4) Rough cutting

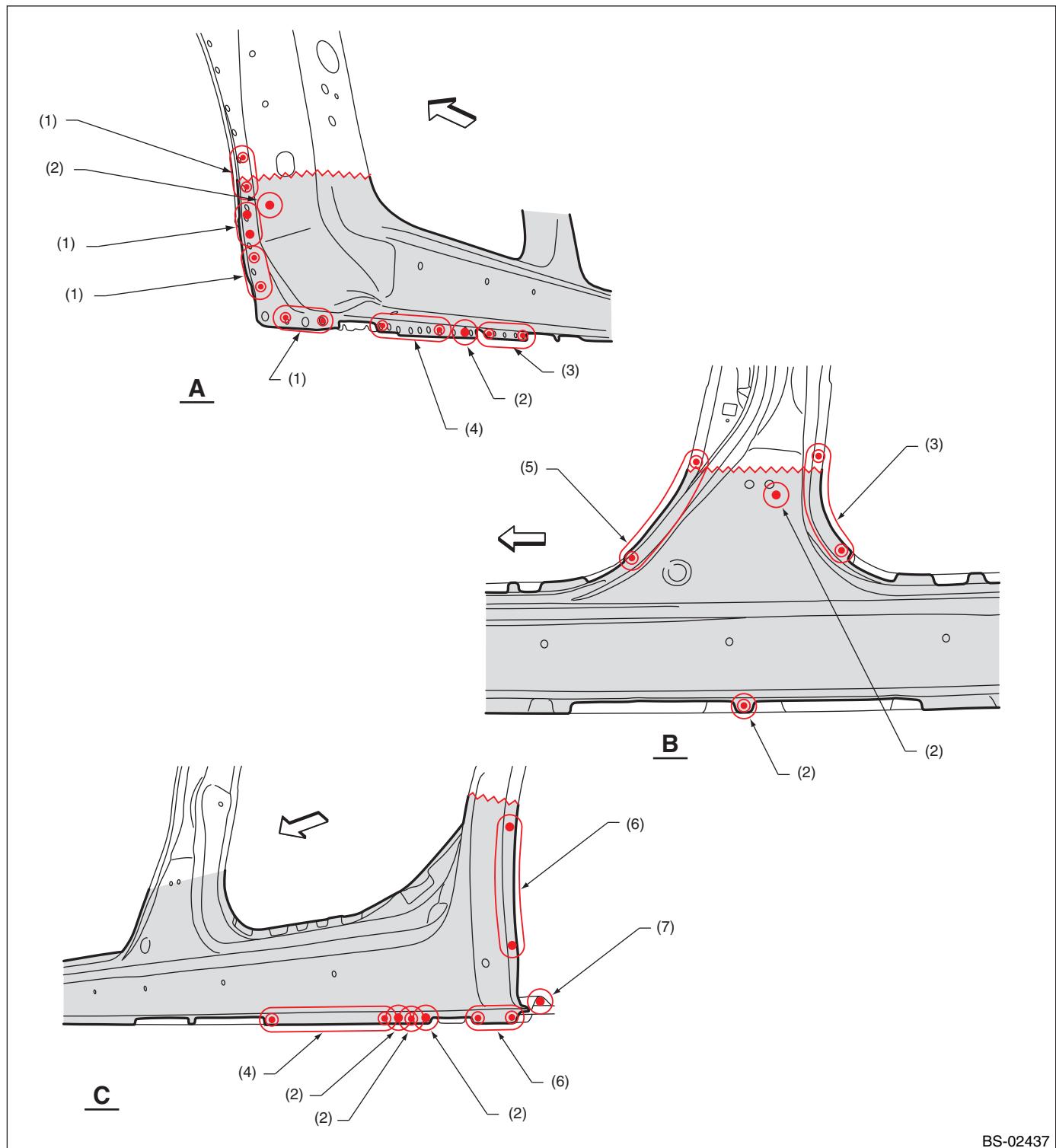
(5) 1 point (inside · belt sander)

(6) 5 points (outside · 1)

(7) 6 points (outside · 1)

# Side Sill Outer (partial replacement)

- Views



BS-02437

- (1) 2 points (outside · 1)
- (2) 1 point (outside · 1)
- (3) 6 points (outside · 1)

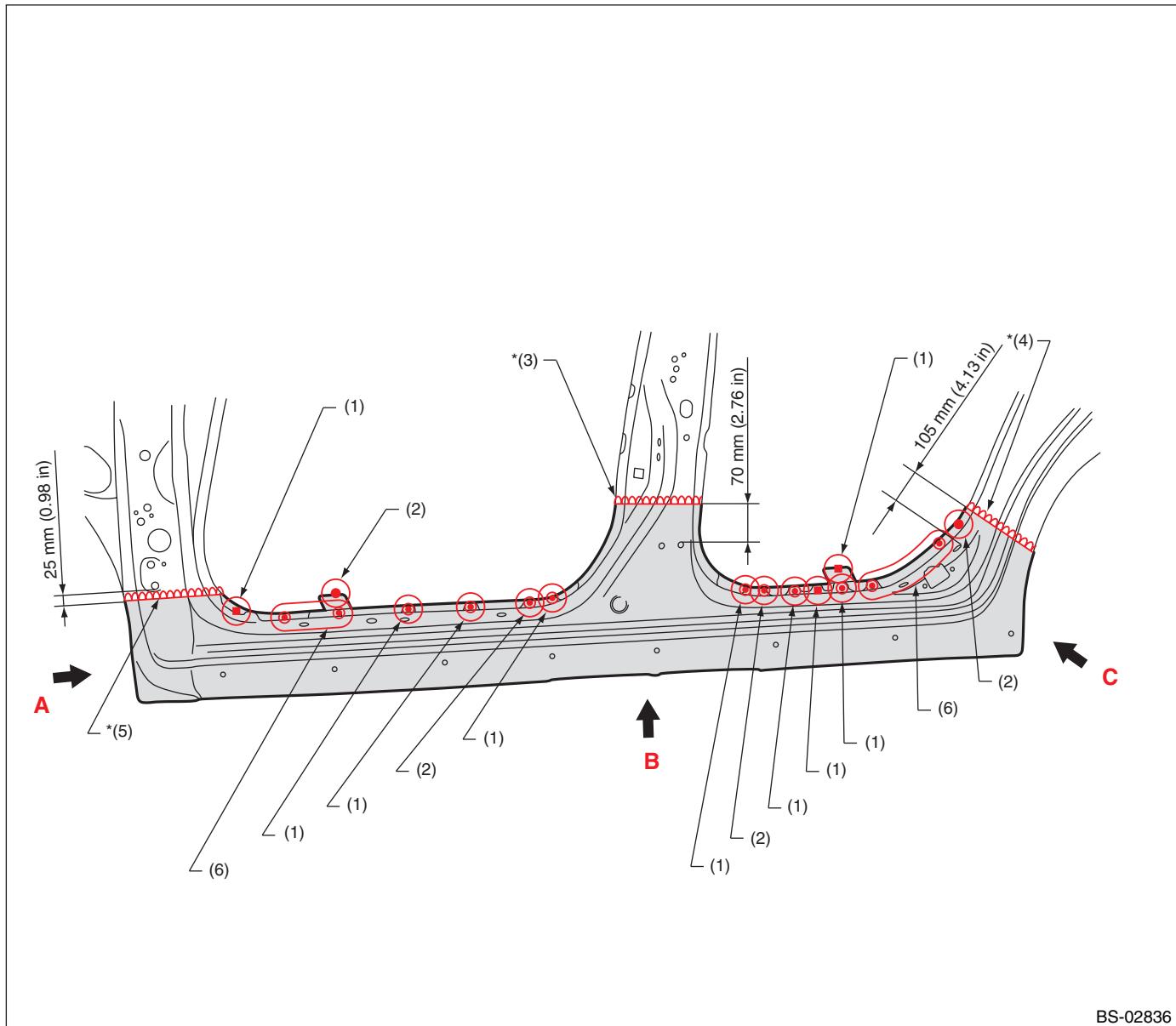
- (4) 8 points (outside · 1)
- (5) 7 points (outside · 1)
- (6) 3 points (outside · 1)

- (7) 1 point (bottom · 1)

## Side Sill Outer (partial replacement)

### B: INSTALLATION

- Overall view



BS-02836

(1) 1 point (service)

(2) 1 point

(3) 1 point [290 mm (11.42 in)]

(4) 1 point [250 mm (9.84 in)]

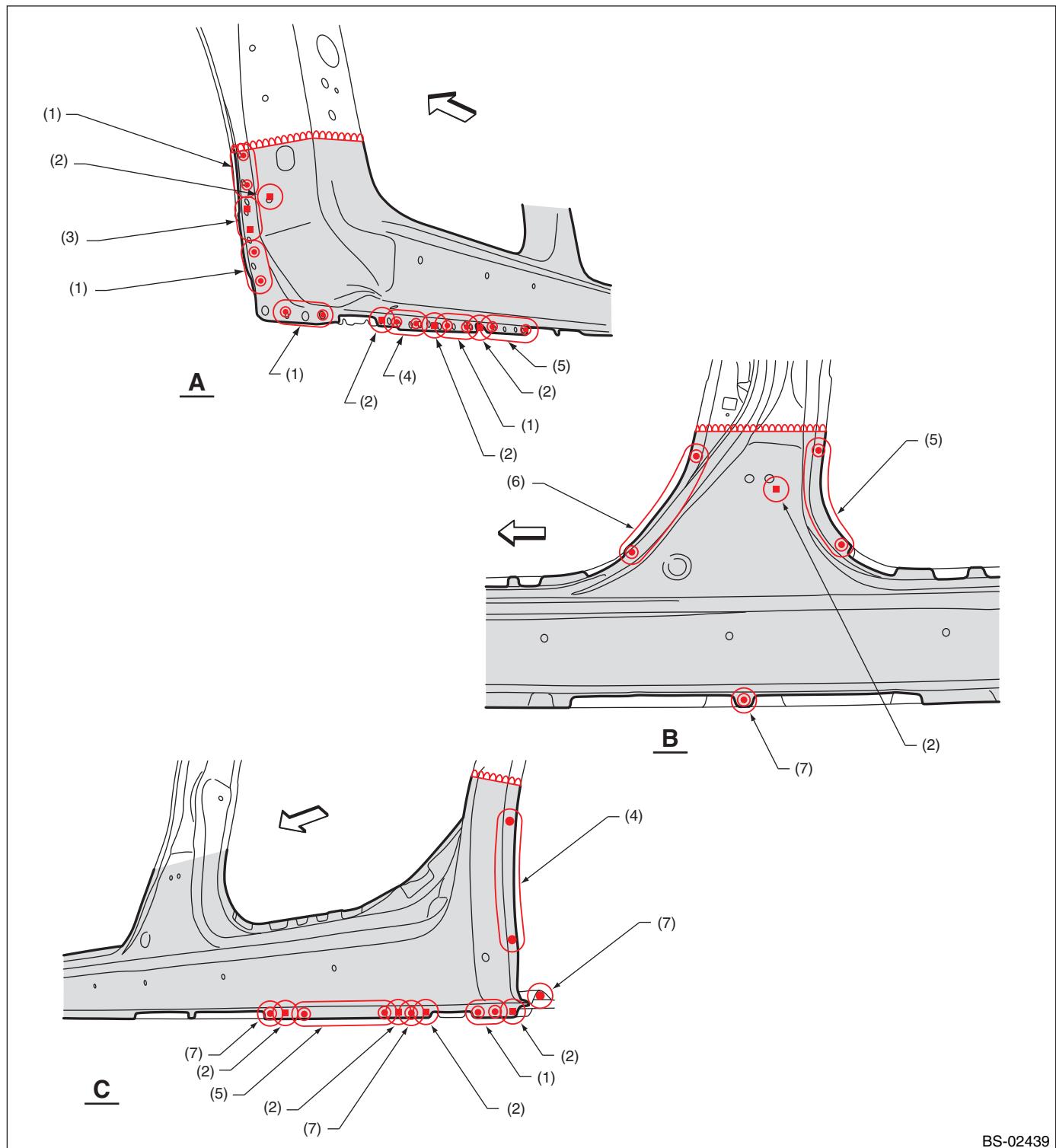
(5) 1 point [300 mm (11.81 in)]

(6) 6 points

For continuous welds marked by \*, anticorrosion wax shall be applied thoroughly on the rear.

# Side Sill Outer (partial replacement)

- Views



- (1) 2 points
- (2) 1 point (service)
- (3) 2 points (service)

- (4) 4 points
- (5) 6 points
- (6) 7 points

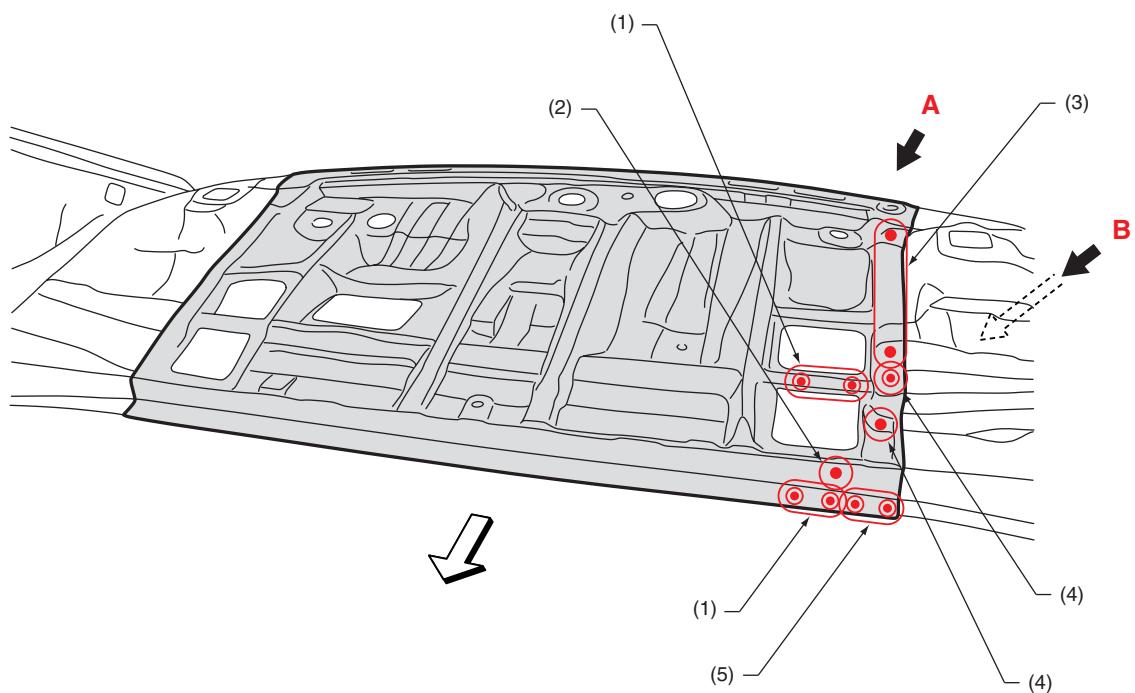
- (7) 1 point

BS-02439

### 38.Rear Panel (total replacement)/4 door

#### A: REMOVAL

- Overall view



BS-02623

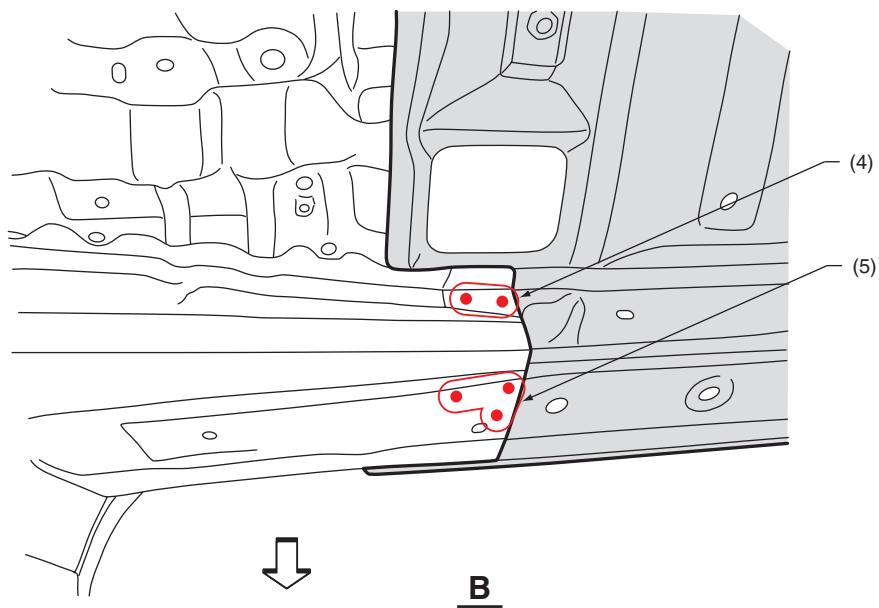
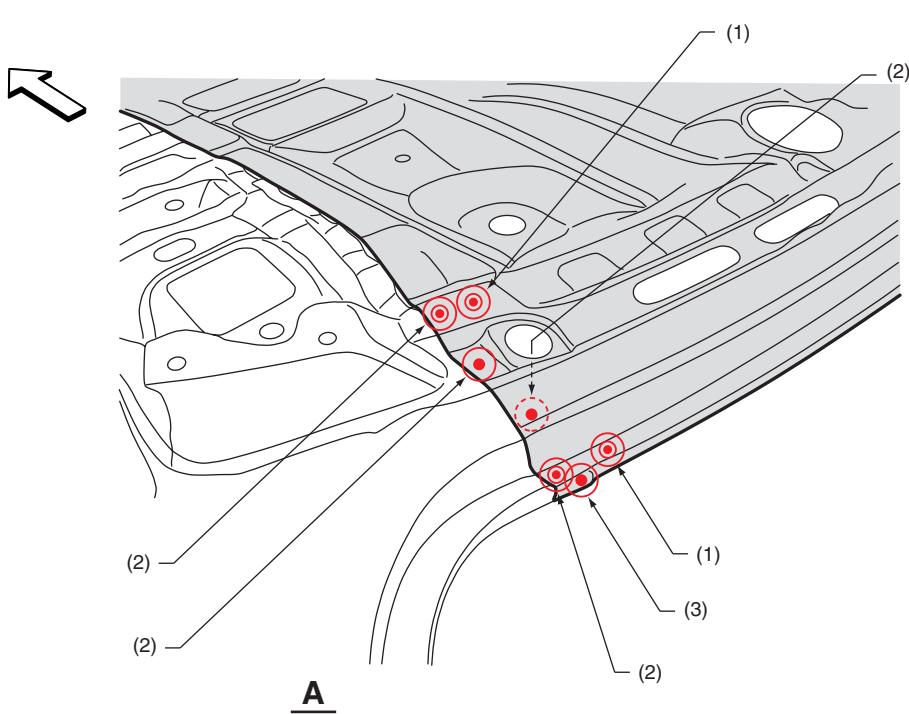
(1) 2 points (top · 2)  
(2) 1 point (inside · 1)

(3) 6 points (top · 1)  
(4) 1 point (top · 1)

(5) 2 points (top · 1)

## Rear Panel (total replacement)/4 door

- Views



BS-02624

(1) 1 point (top · 2)  
(2) 1 point (top · 1)

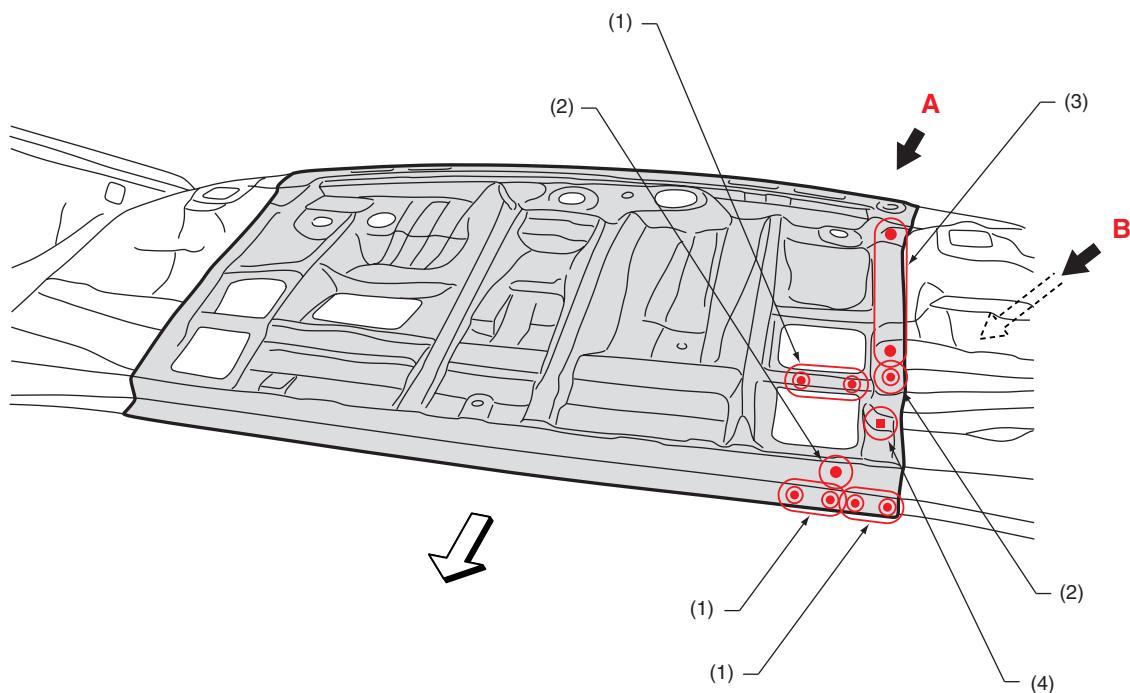
(3) 1 point (outside · 1)  
(4) 2 points (outside · 1)

(5) 3 points (top · 1)

## Rear Panel (total replacement)/4 door

### B: INSTALLATION

- Overall view



BS-02625

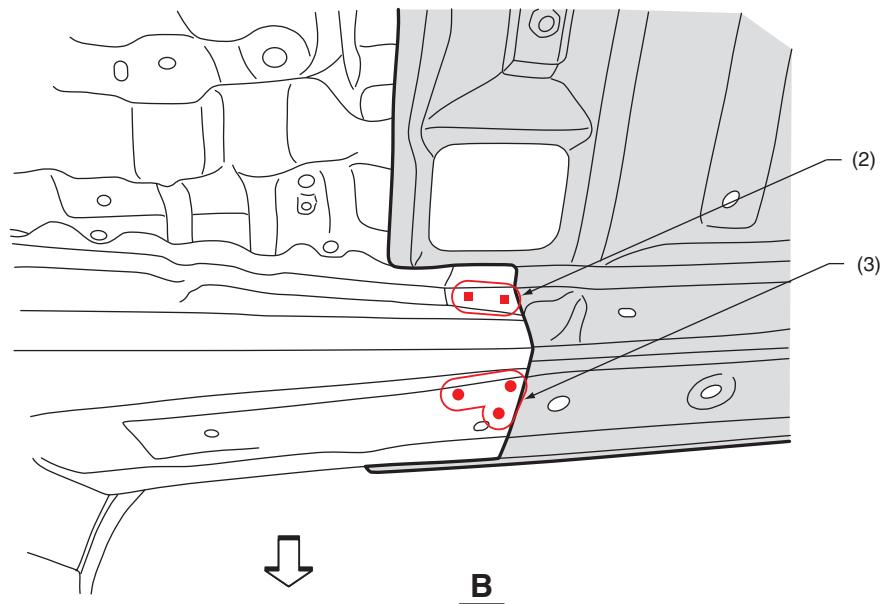
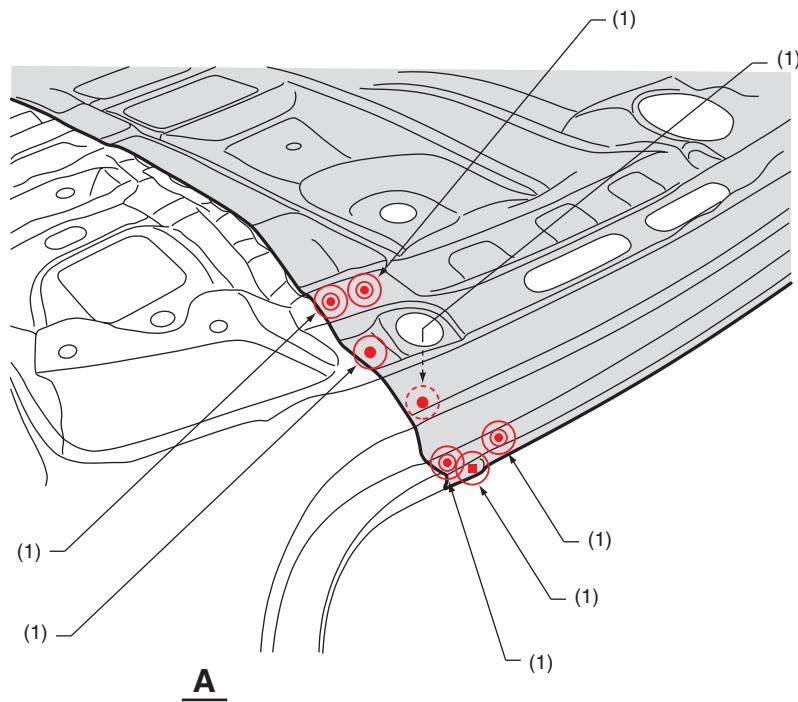
(1) 2 points  
(2) 1 point

(3) 6 points

(4) 1 point (service)

## Rear Panel (total replacement)/4 door

- Views



(1) 1 point

(2) 2 points

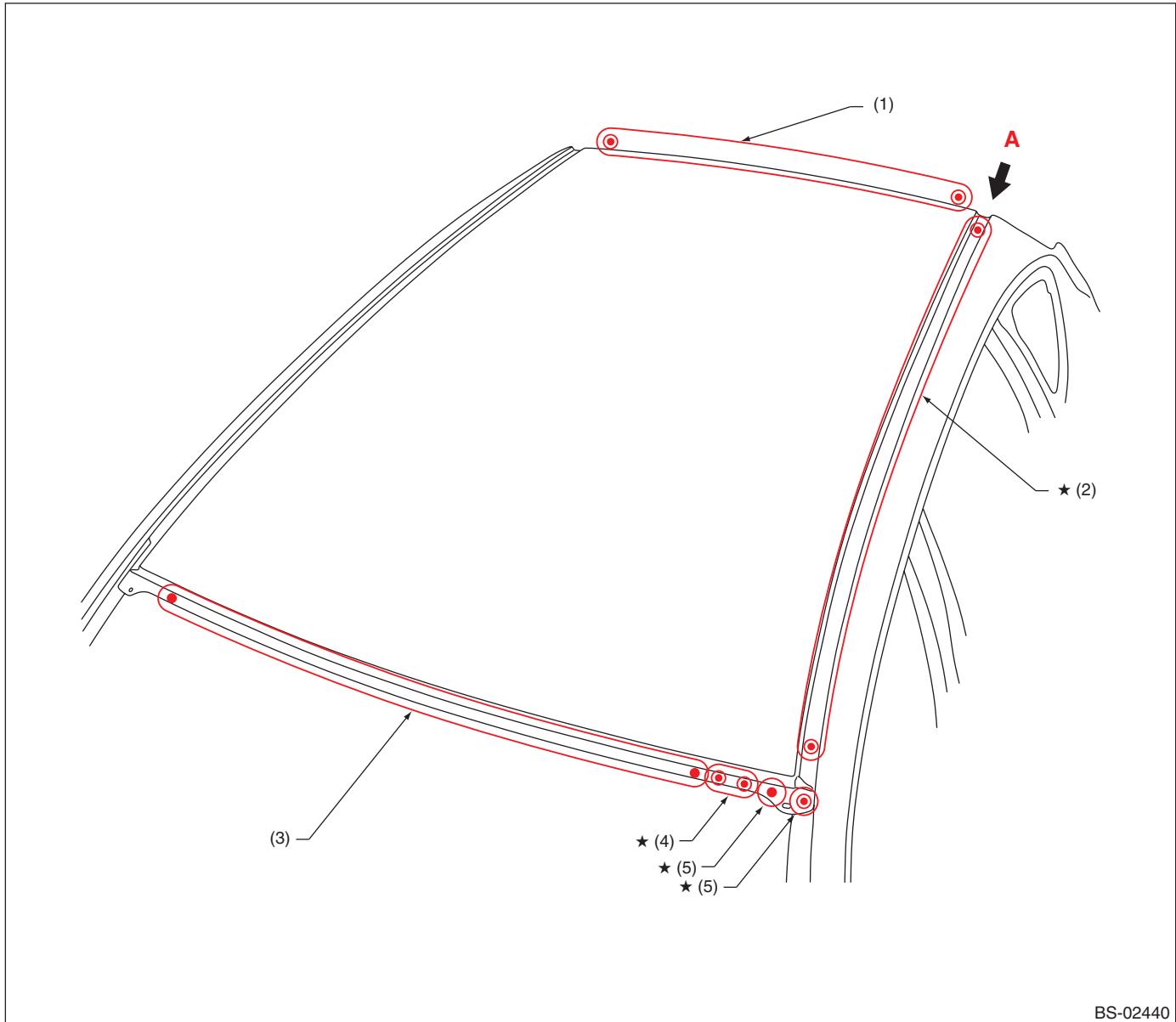
(3) 3 points

BS-02505

## 39. Roof Panel (total replacement)/5 door

### A: REMOVAL

- Overall view (model without sunroof)



(1) 13 points (top · 1)

(2) 20 points (top · 1)

(3) 14 points (top · 1)

(4) 2 points (top · 1)

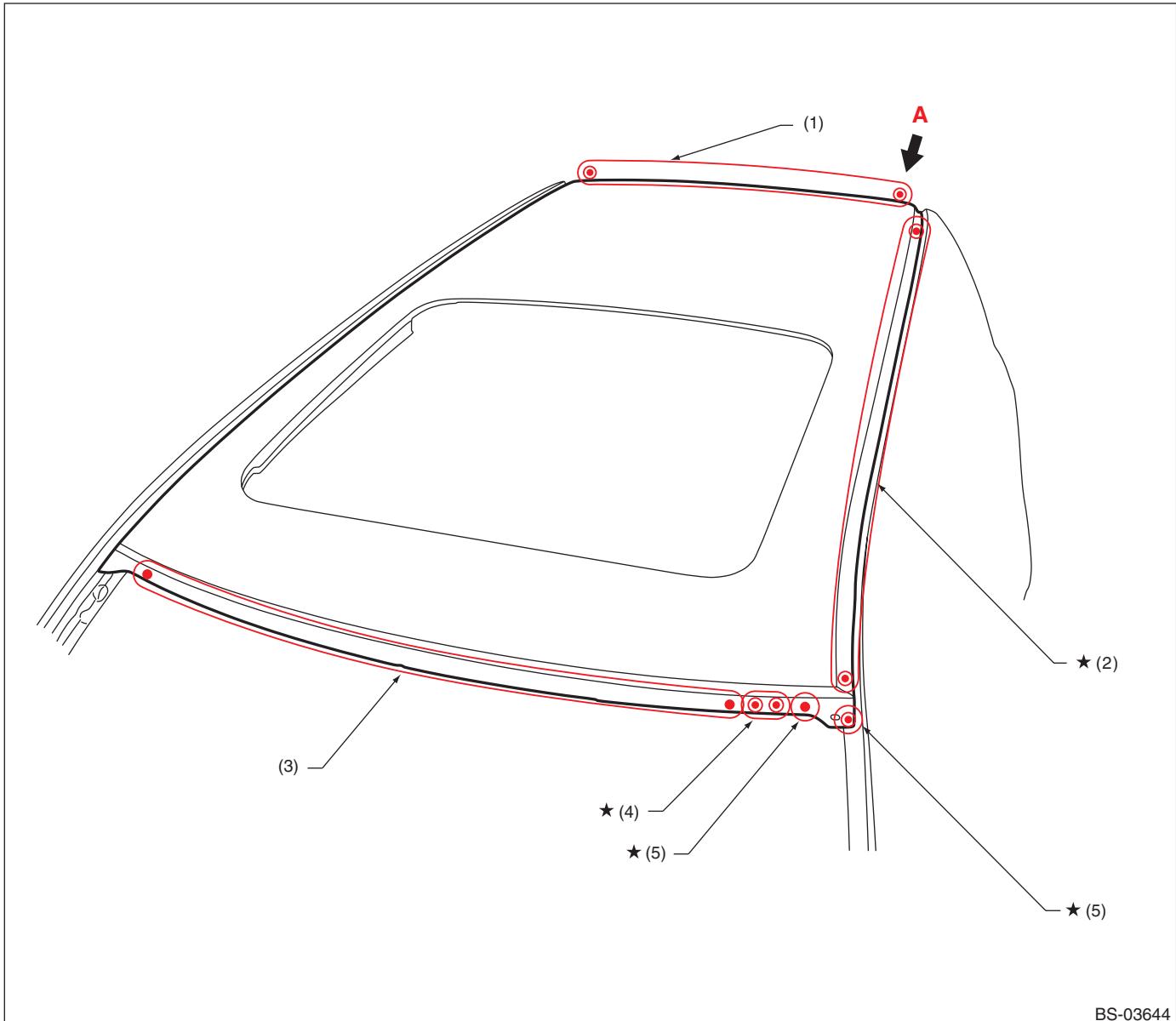
(5) 1 point (top · 1)

BS-02440

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

## Roof Panel (total replacement)/5 door

- Overall view (sunroof model)



(1) 13 points (top · 1)

(2) 20 points (top · 1)

(3) 14 points (top · 1)

(4) 2 points (top · 1)

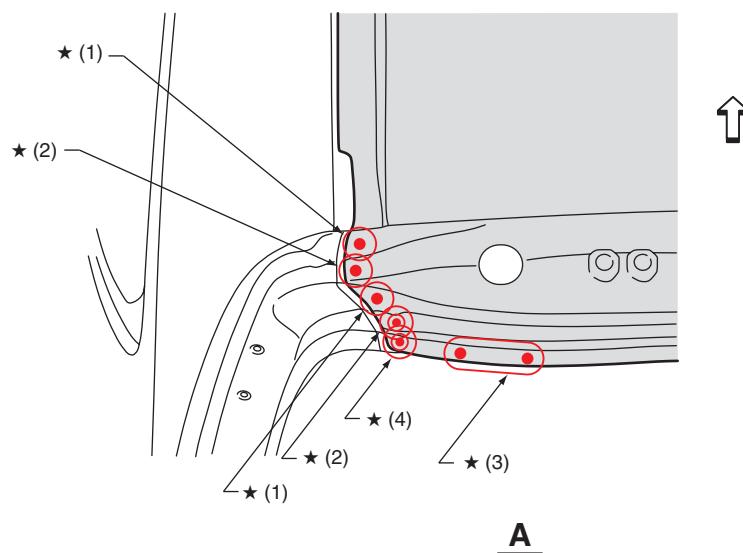
(5) 1 point (top · 1)

BS-03644

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

# Roof Panel (total replacement)/5 door

- Views



BS-02441

(1) 1 point (outside · 1)

(3) 2 points (inside · 1)

(4) 1 point (inside · 1)

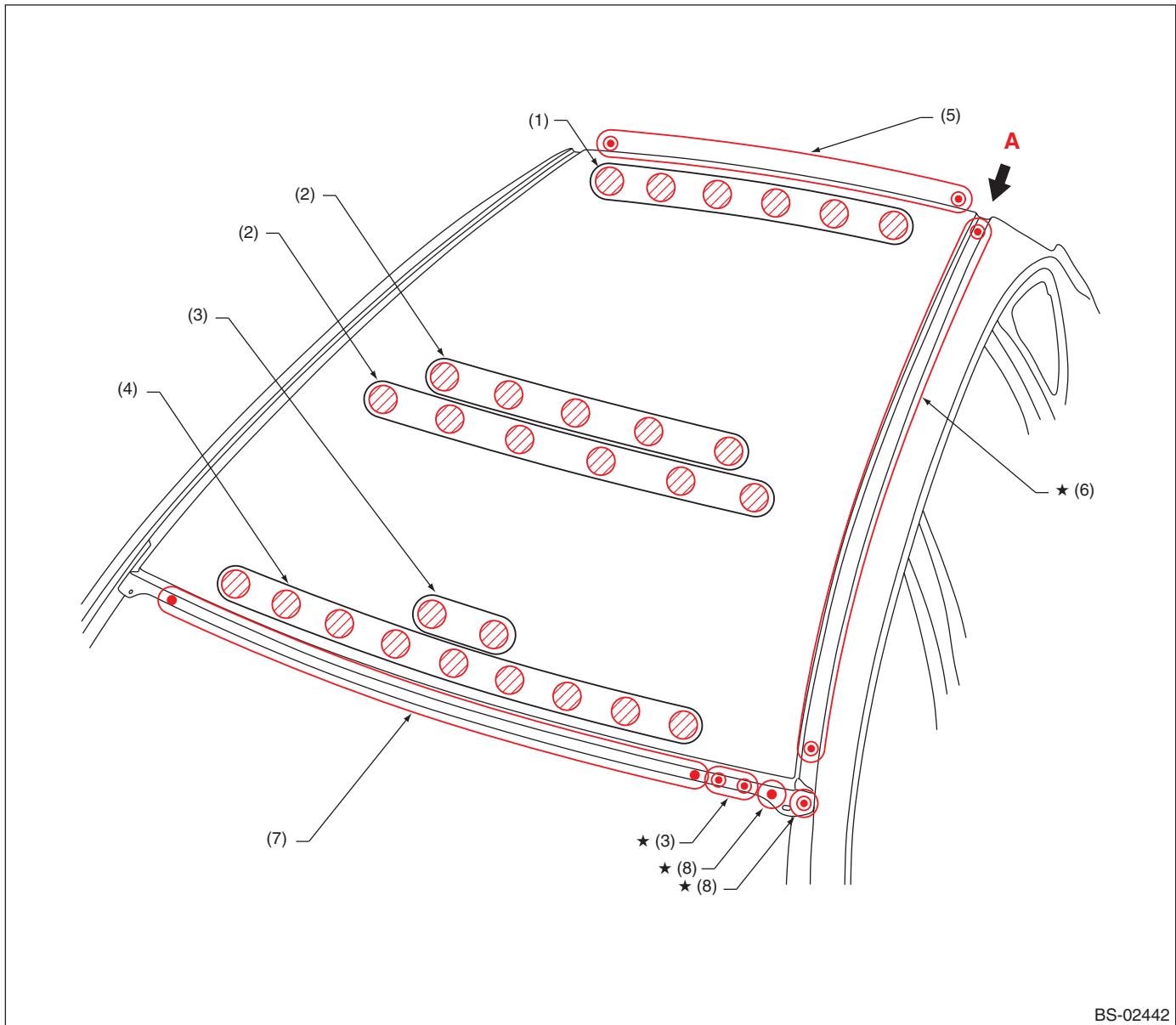
(2) 1 point (top · 1)

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

## Roof Panel (total replacement)/5 door

### B: INSTALLATION

- Overall view (model without sunroof)



(1) 6 points

(2) 5 points

(3) 2 points

(4) 9 points

(5) 16 points

(6) 22 points

(7) 17 points

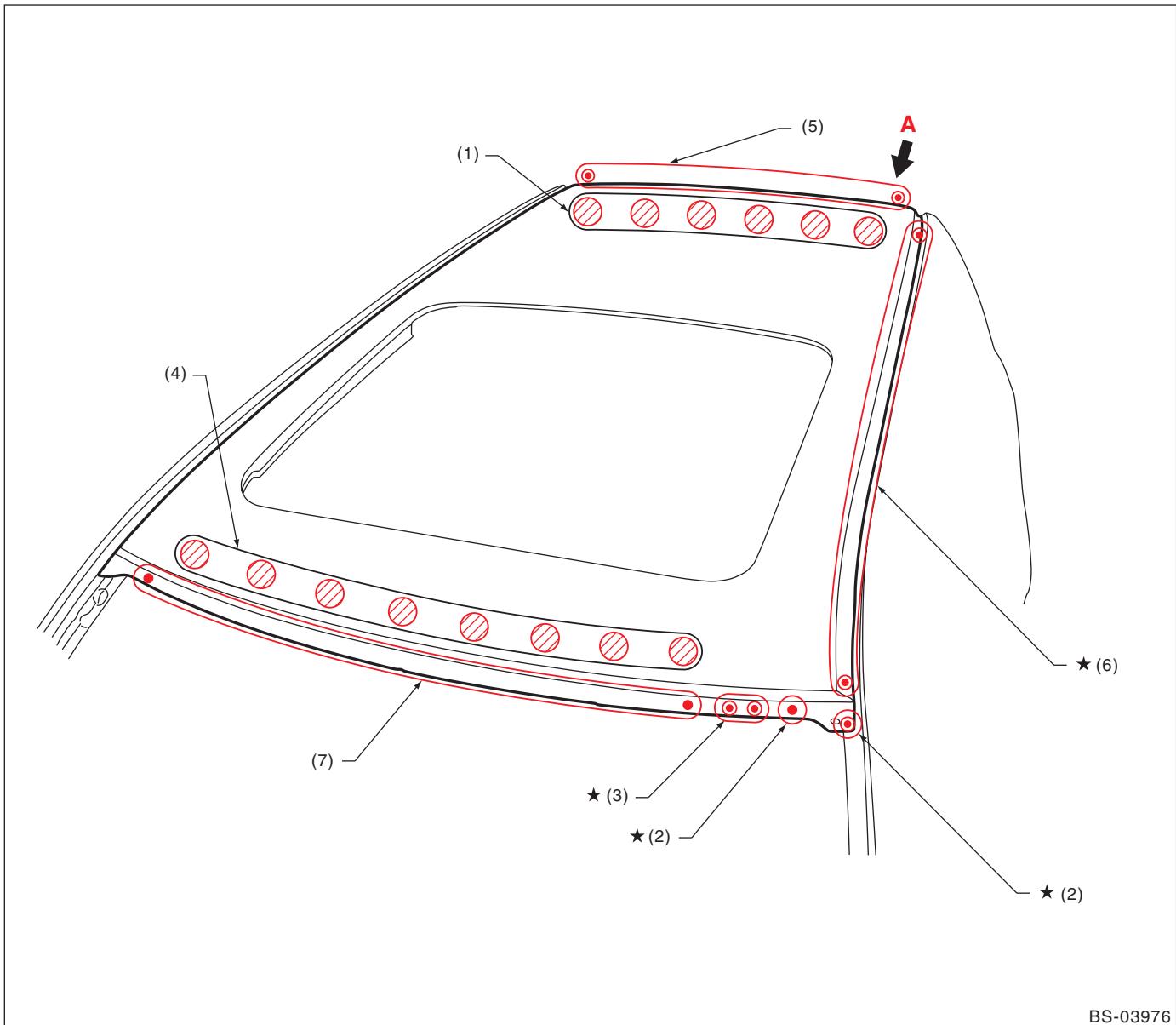
(8) 1 point

POINT: For installation of the side rail part of the roof panel, the triple part with the base material is welded.

◎ : Application of adhesive at the time of roof panel installation.

## Roof Panel (total replacement)/5 door

- Overall view (sunroof model)



(1) 6 points

(2) 1 point

(3) 3 points

(4) 8 points

(5) 16 points

(6) 22 points

(7) 17 points

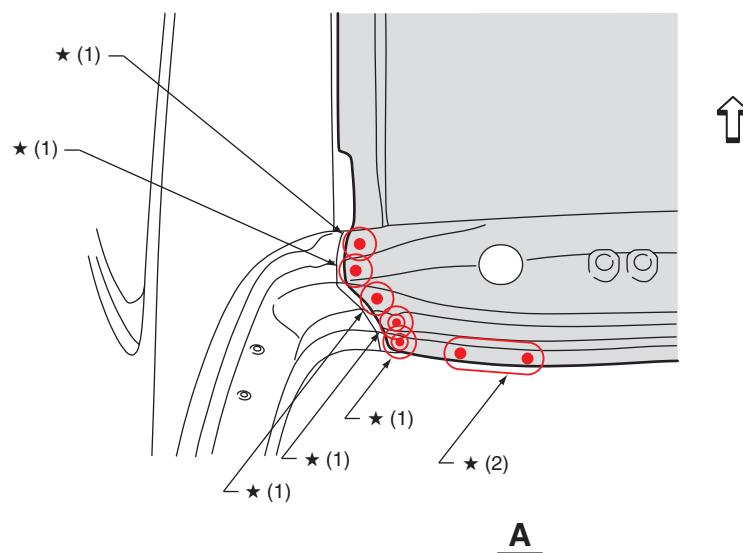
POINT: For installation of the side rail part of the roof panel, the triple part with the base material is welded.

◎ : Application of adhesive at the time of roof panel installation.

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

## Roof Panel (total replacement)/5 door

- Views



BS-02443

(1) 1 point

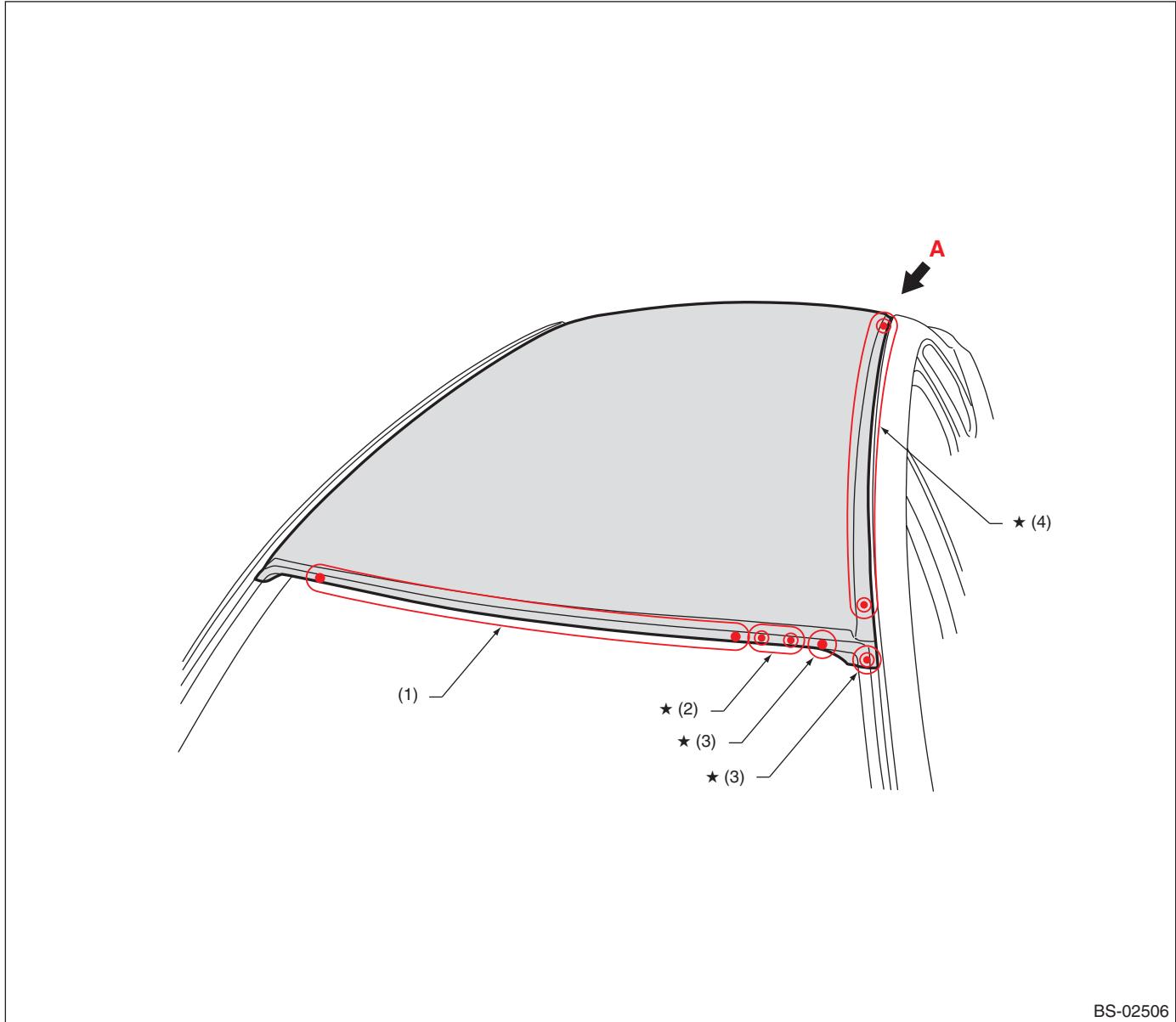
(2) 2 points

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

## 40.Roof Panel (total replacement)/4 door

### A: REMOVAL

- Overall view (model without sunroof)



(1) 14 points (top · 1)

(2) 2 points (top · 1)

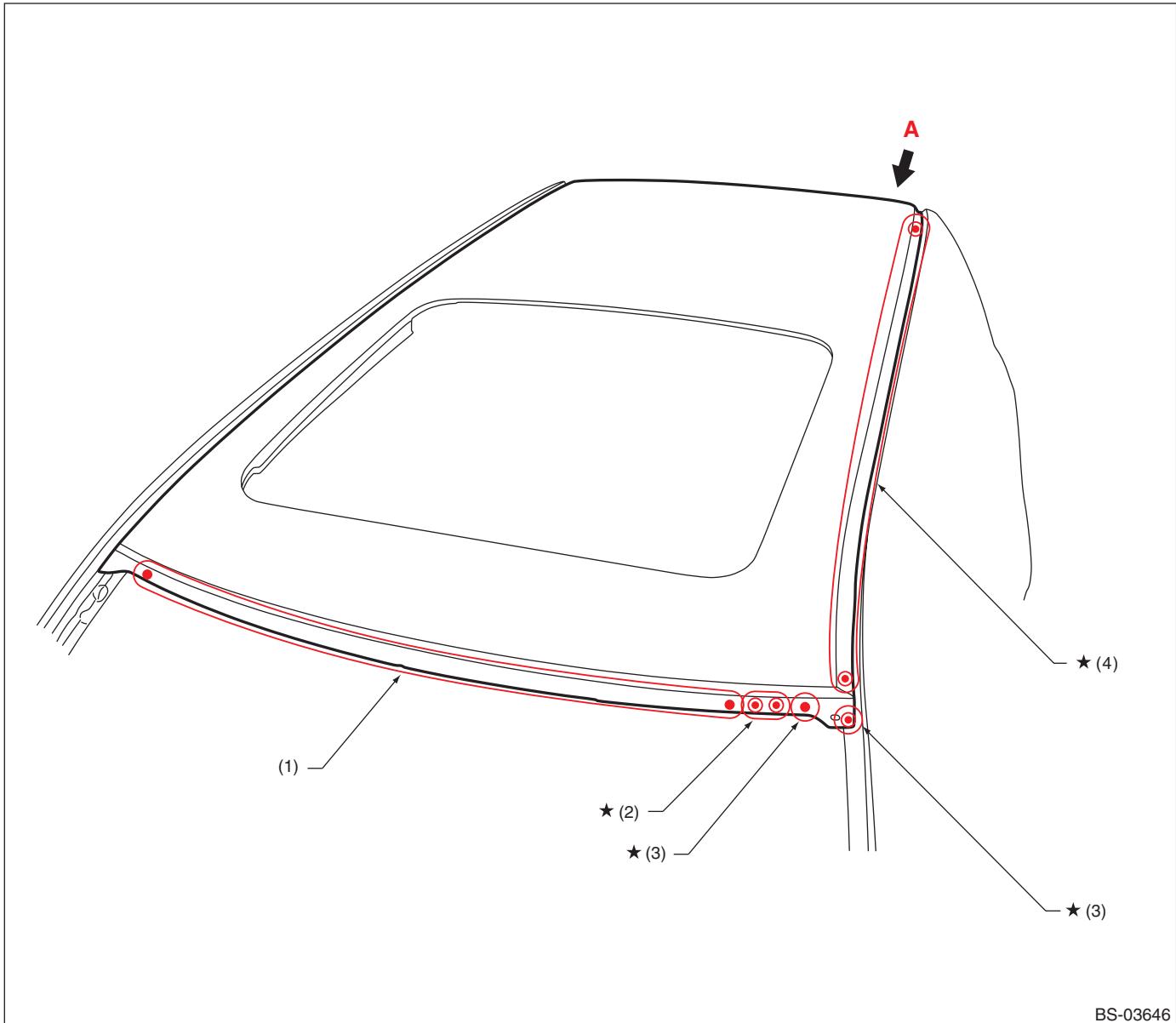
(3) 1 point (top · 1)

(4) 18 points (top · 1)

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

## Roof Panel (total replacement)/4 door

- Overall view (sunroof model)



BS-03646

(1) 14 points (top · 1)

(3) 1 point (top · 1)

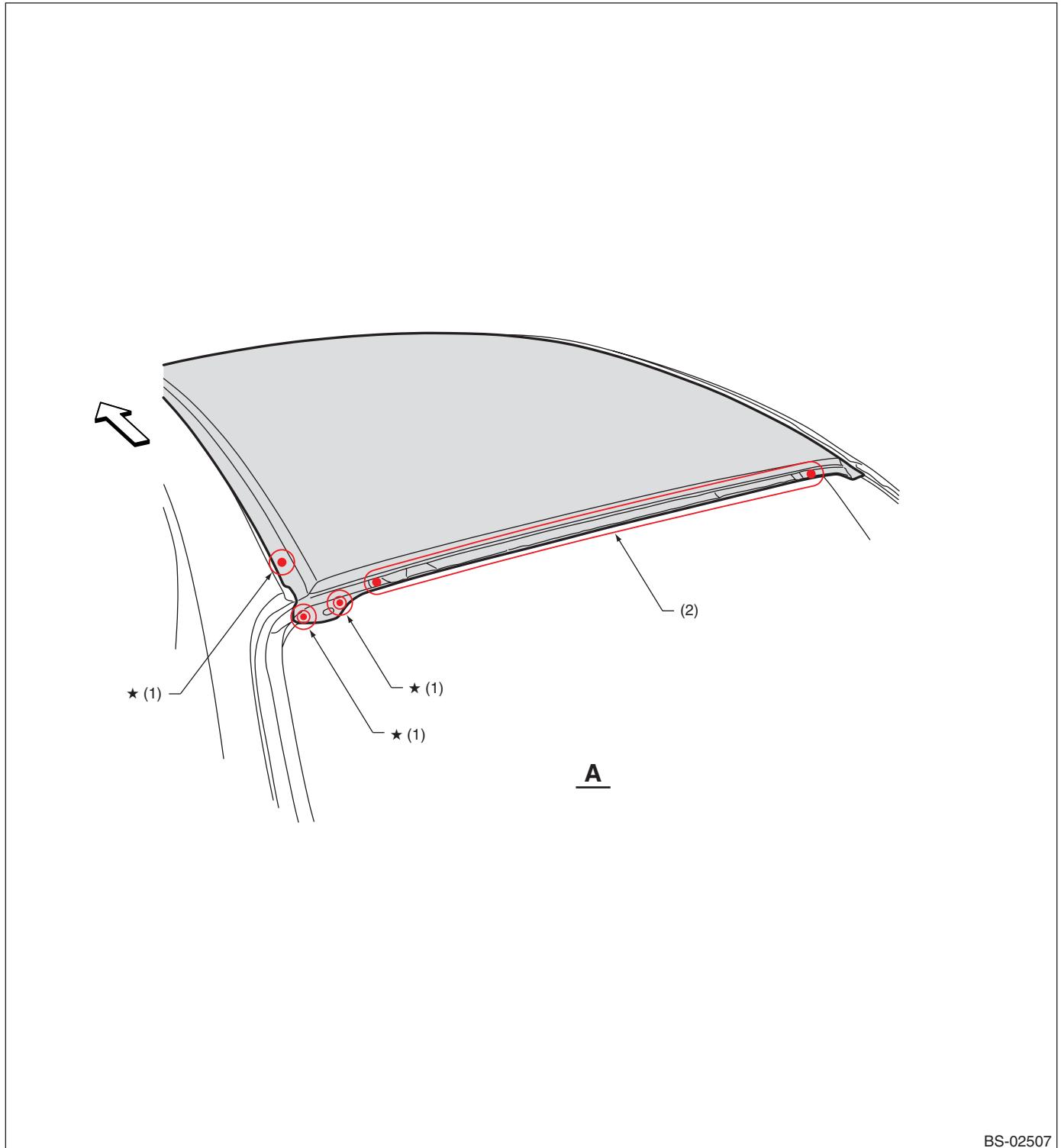
(4) 18 points (top · 1)

(2) 2 points (top · 1)

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

## Roof Panel (total replacement)/4 door

- Views



(1) 1 point (top · 1)

(2) 13 points (top · 1)

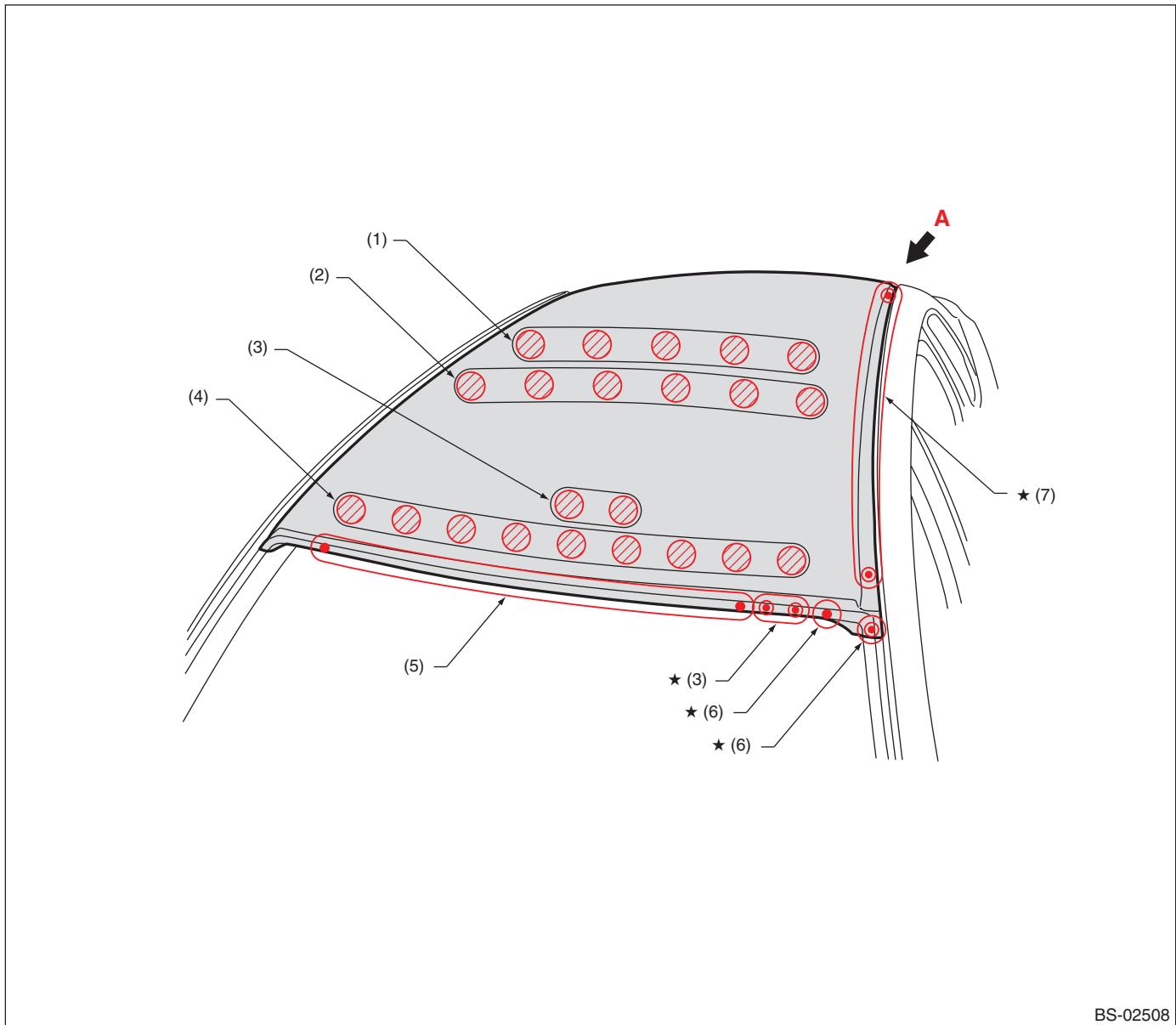
BS-02507

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

# Roof Panel (total replacement)/4 door

## B: INSTALLATION

- Overall view (model without sunroof)



BS-02508

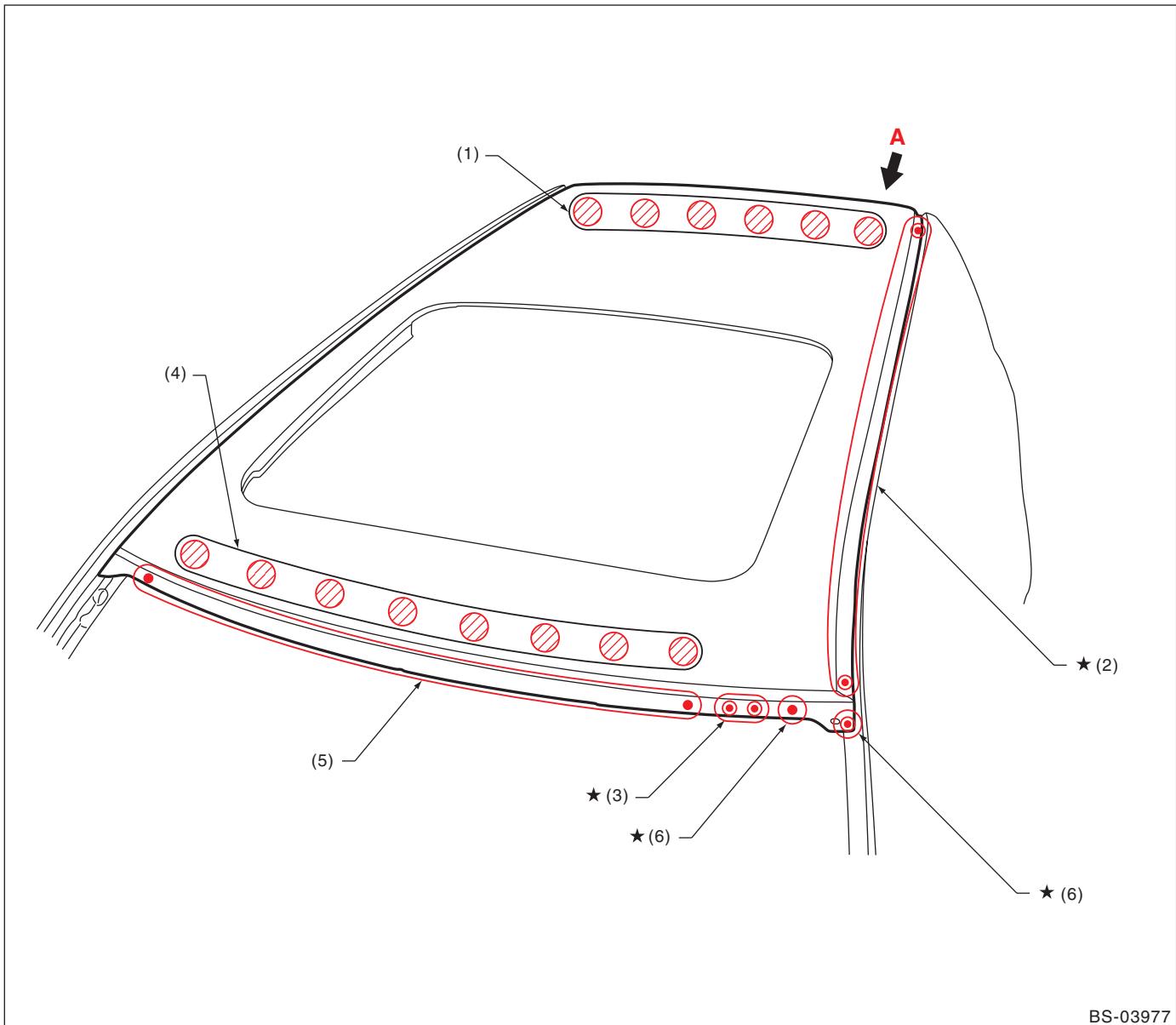
(1) 5 points	(4) 9 points	(7) 19 points
(2) 6 points	(5) 17 points	
(3) 2 points	(6) 1 point	

POINT: For installation of the side rail part of the roof panel, the triple part with the base material is welded. For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

◎ : Application of adhesive at the time of roof panel installation.

## Roof Panel (total replacement)/4 door

- Overall view (sunroof model)



(1) 6 points

(2) 19 points

(3) 2 points

(4) 8 points

(5) 17 points

(6) 1 point

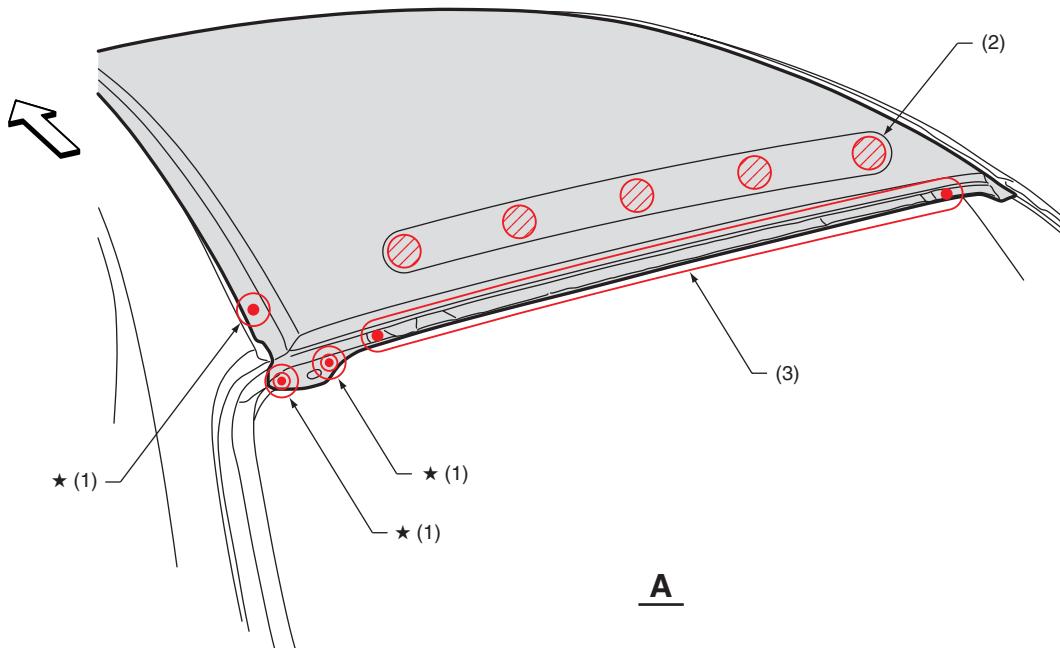
POINT: For installation of the side rail part of the roof panel, the triple part with the base material is welded.

For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

◎ : Application of adhesive at the time of roof panel installation.

## Roof Panel (total replacement)/4 door

- Views



BS-02509

(1) 1 point

(2) 5 points

(3) 16 points

POINT: For installation of the side rail part of the roof panel, the triple part with the base material is welded. For locations marked by ★, the welding method and the number of welding points are the same on the left and the right.

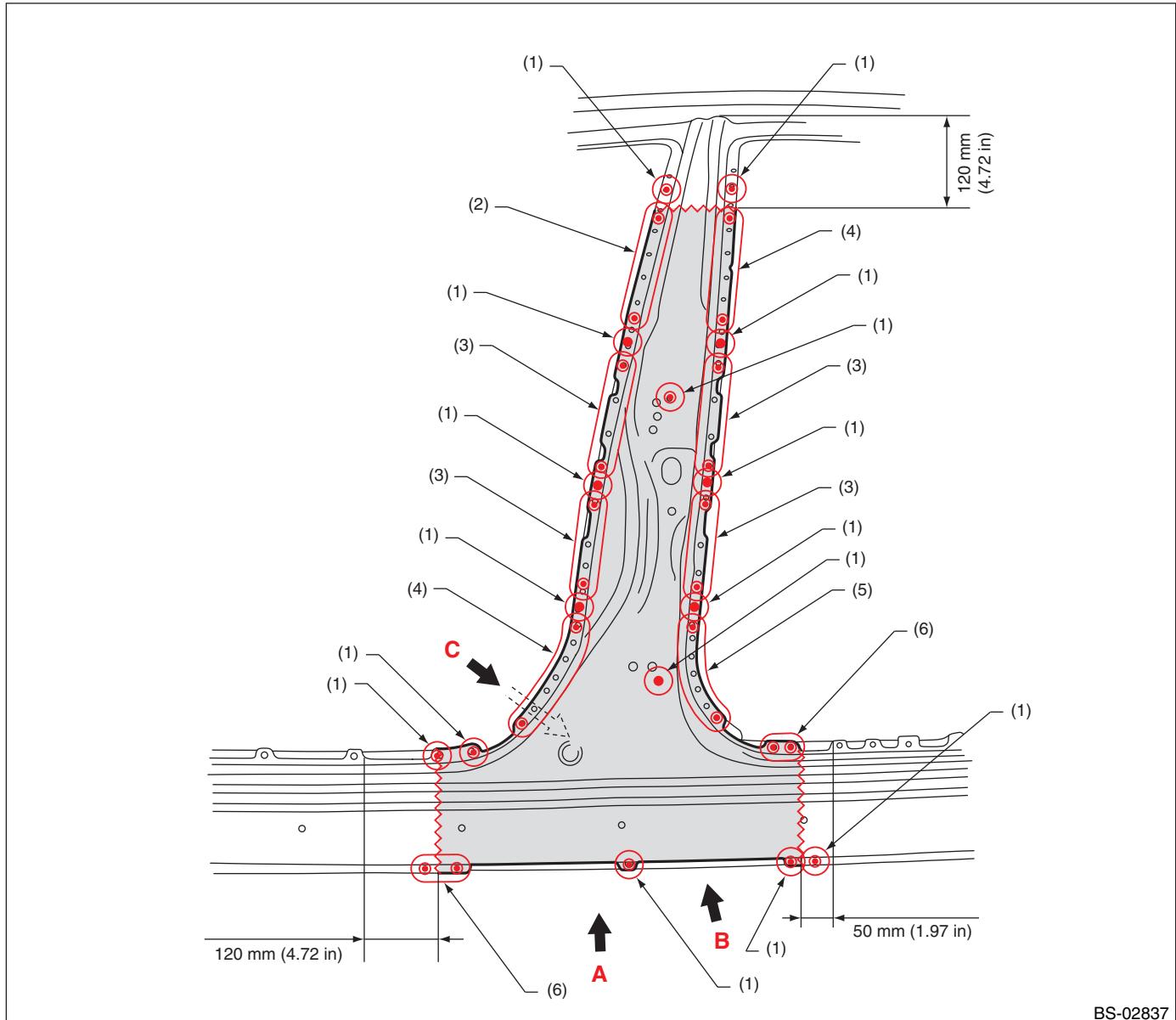
◎ : Application of adhesive at the time of roof panel installation.

## Center Pillar (partial replacement)

### 41. Center Pillar (partial replacement)

#### A: REMOVAL

- Overall view



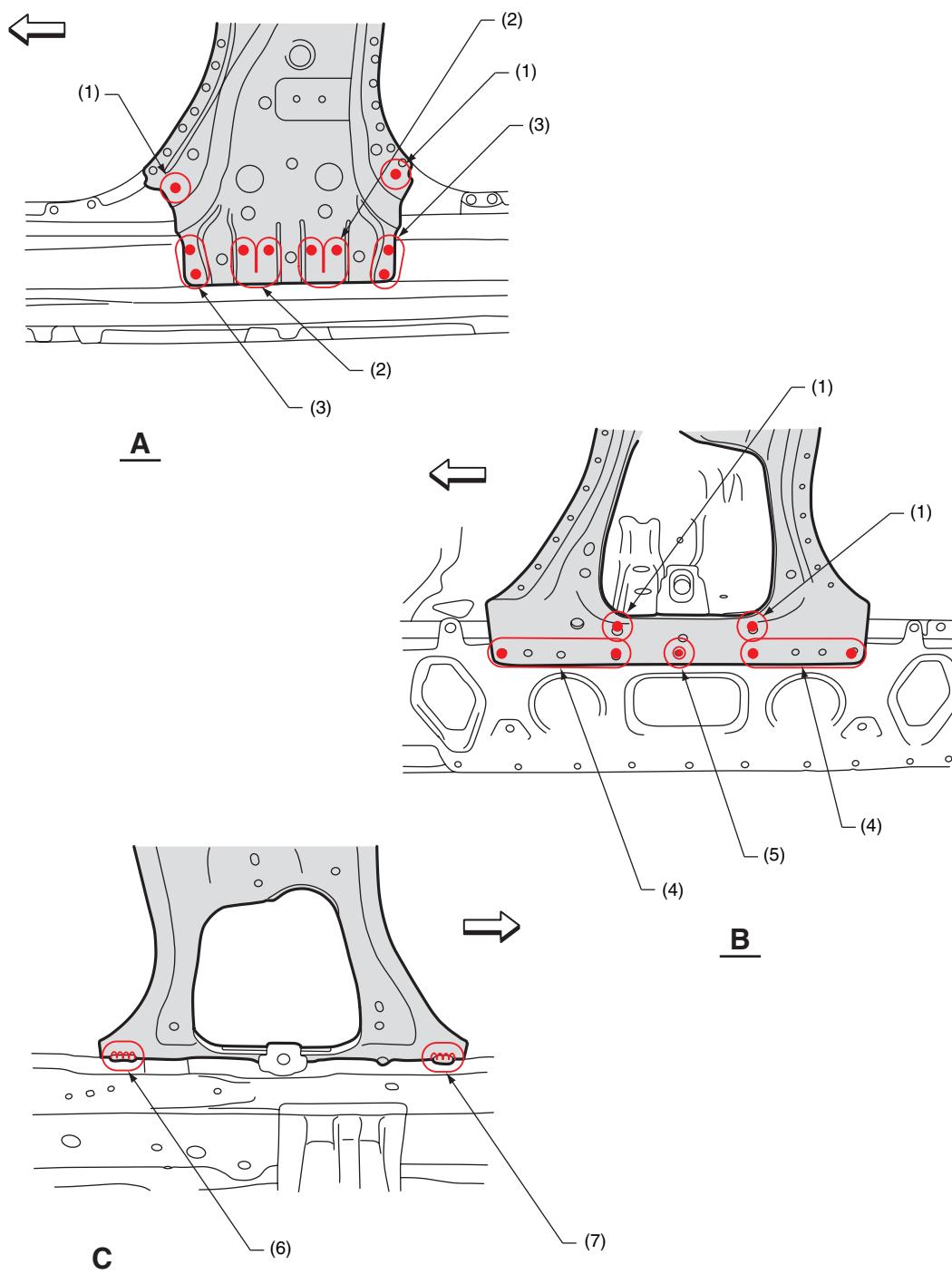
(1) 1 point (outside · 1)  
(2) 8 points (outside · 1)

(3) 4 points (outside · 1)  
(4) 7 points (outside · 1)

(5) 6 points (outside · 1)  
(6) 2 points (outside · 1)

# Center Pillar (partial replacement)

- Views



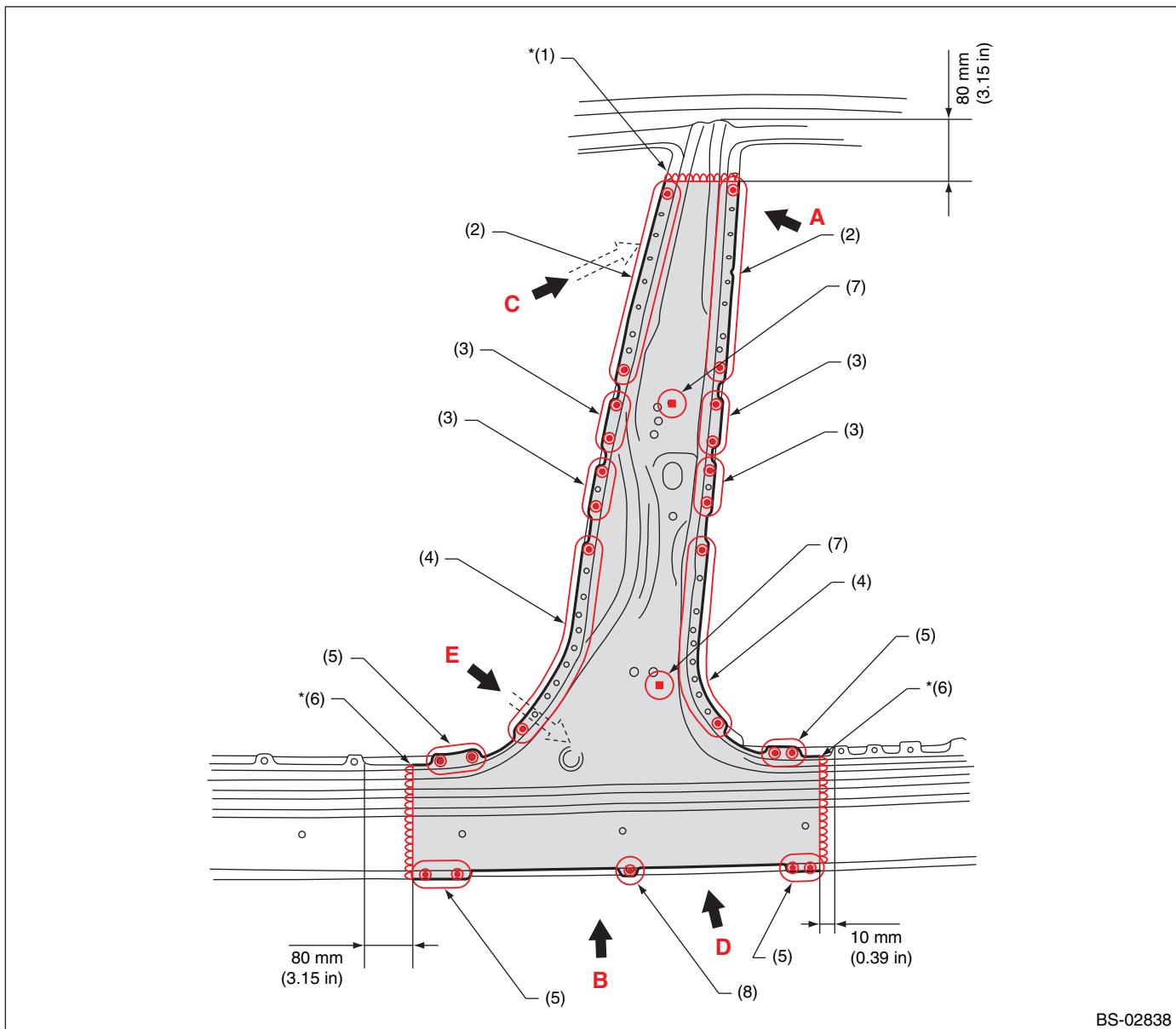
BS-02445

(1) 1 point (outside · 1)	(4) 4 points (outside · 1)	(7) 1 point [inside · 20 mm (0.79 in), belt sander]
(2) 3 points (outside · 1)	(5) 1 point (outside · 2)	
(3) 2 points (outside · 1)	(6) 1 point [inside · 25 mm (0.98 in), belt sander]	

# Center Pillar (partial replacement)

## B: INSTALLATION

### • Overall view



BS-02838

(1) 1 point [145 mm (5.71 in)]

(4) 11 points

(7) 1 point (service)

(2) 12 points

(5) 2 points

(8) 1 point

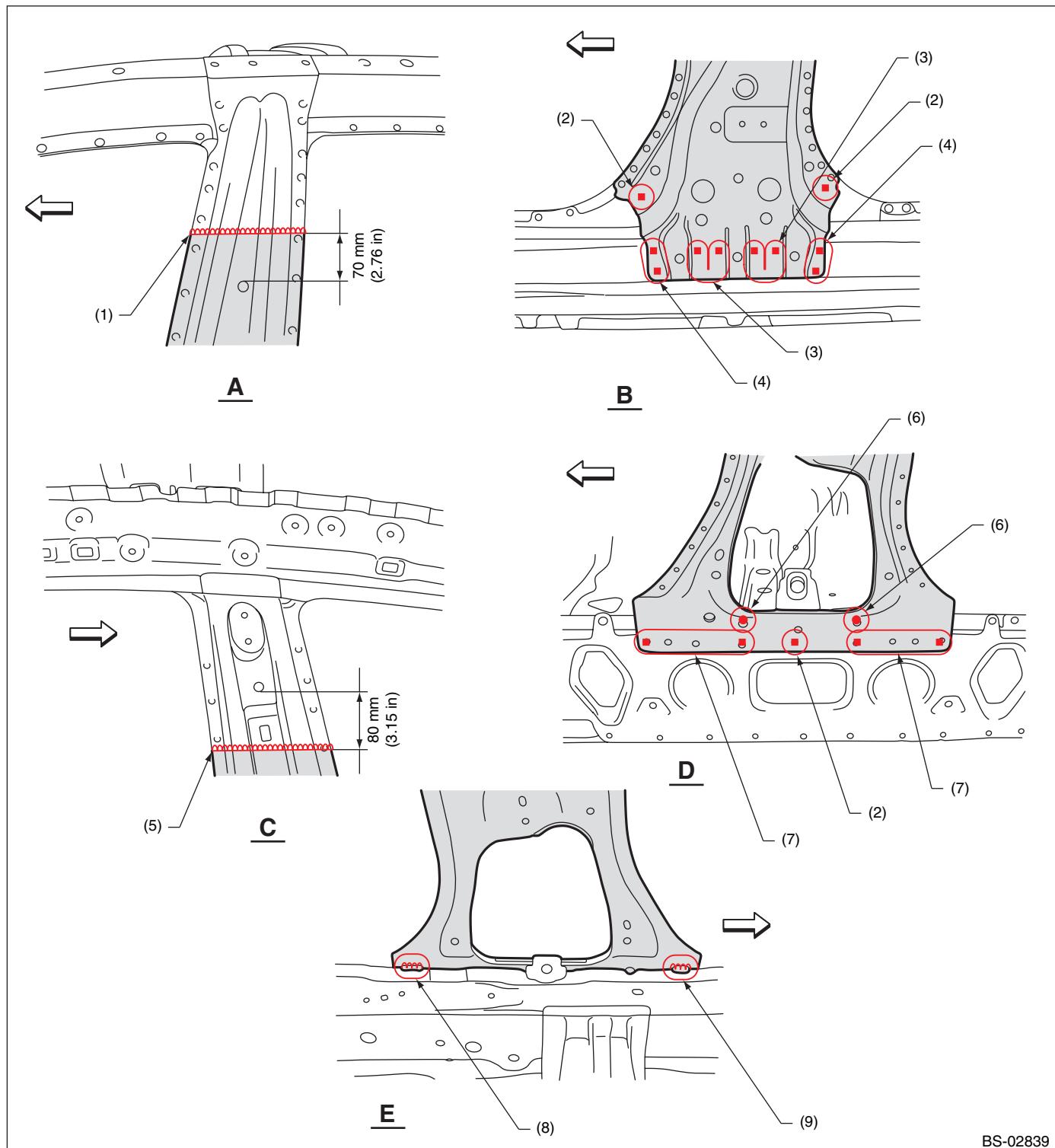
(3) 3 points

(6) 1 point [330 mm (12.99 in)]

For continuous welds marked by \*, anticorrosion wax shall be applied thoroughly on the rear.

# Center Pillar (partial replacement)

- Views



BS-02839

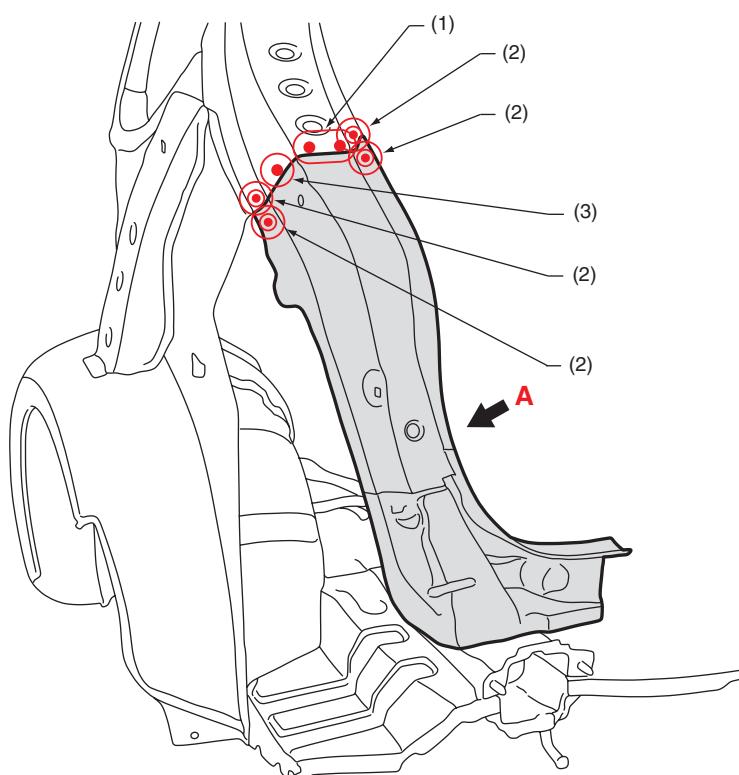
(1) 1 point [145 mm (5.71 in)]	(4) 2 points (service)	(7) 4 points (service)
(2) 1 point (service)	(5) 1 point [155 mm (6.10 in)]	(8) 1 point [25 mm (0.98 in)]
(3) 3 points (service)	(6) 1 point	(9) 1 point [20 mm (0.79 in)]

### 42.D-pillar Reinforcement (partial replacement)

#### A: REMOVAL

1) Rear quarter, D-pillar extension, quarter end, rear skirt removal condition

- Overall view



BS-02448

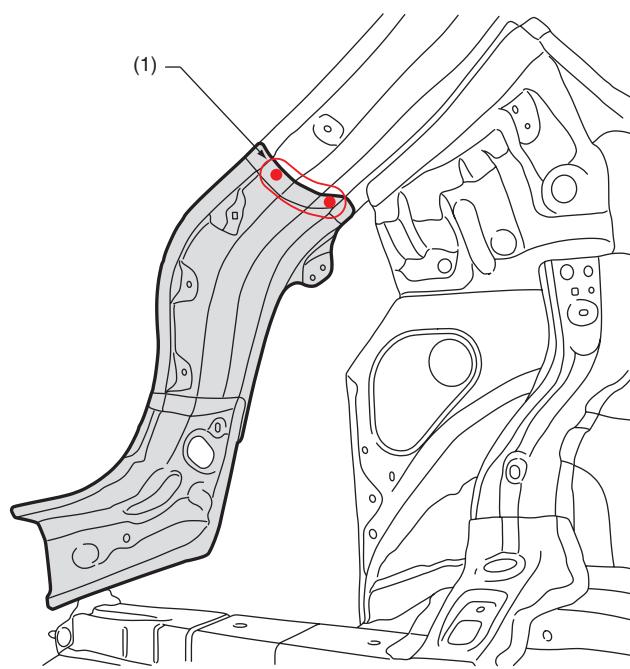
(1) 2 points (top · 1)

(2) 1 point (outside · 2)

(3) 1 point (outside · 1)

## D-pillar Reinforcement (partial replacement)

- Views



A

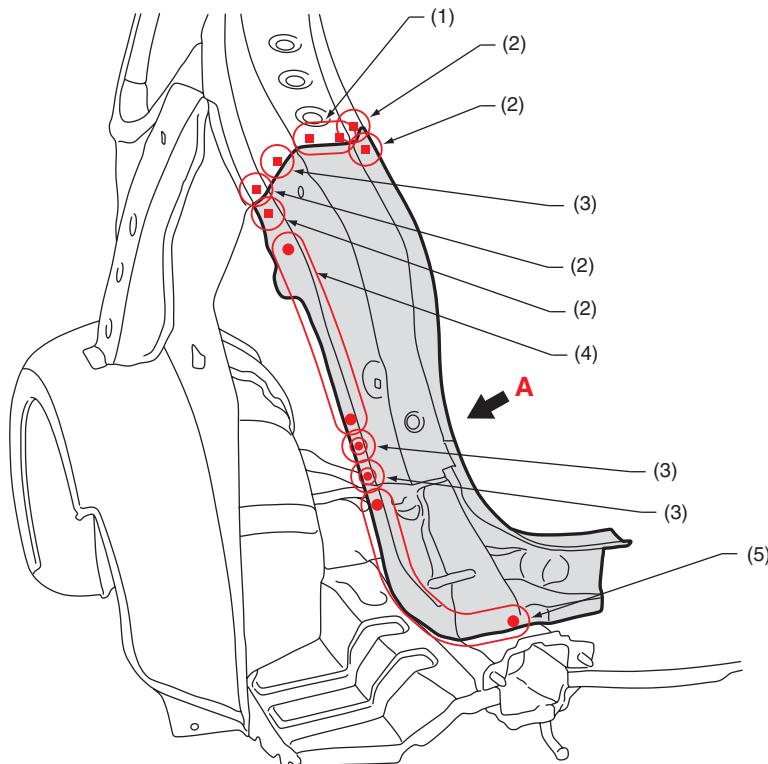
BS-02449

(1) 3 points (inside · 1)

## D-pillar Reinforcement (partial replacement)

### B: INSTALLATION

- Overall view



BS-02450

(1) 2 points

(2) 1 point (service)

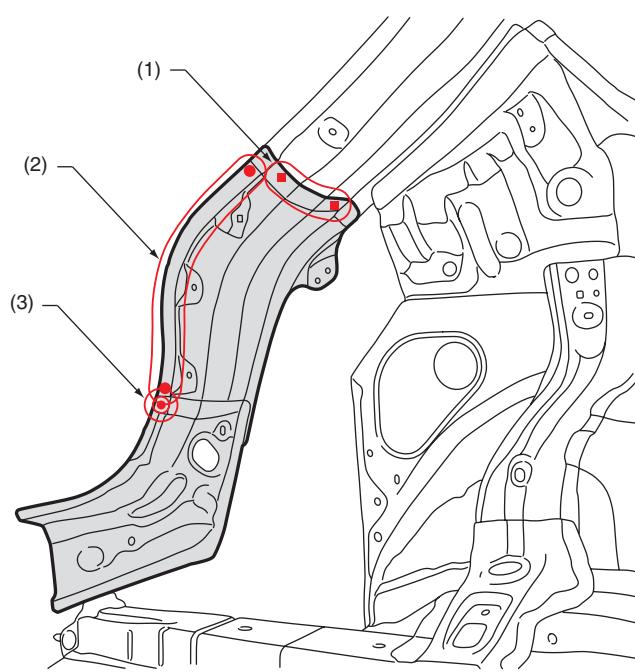
(3) 1 point

(4) 5 points

(5) 7 points

## D-pillar Reinforcement (partial replacement)

- Views



**A**

BS-02451

(1) 3 points (service)

(2) 8 points

(3) 1 point