

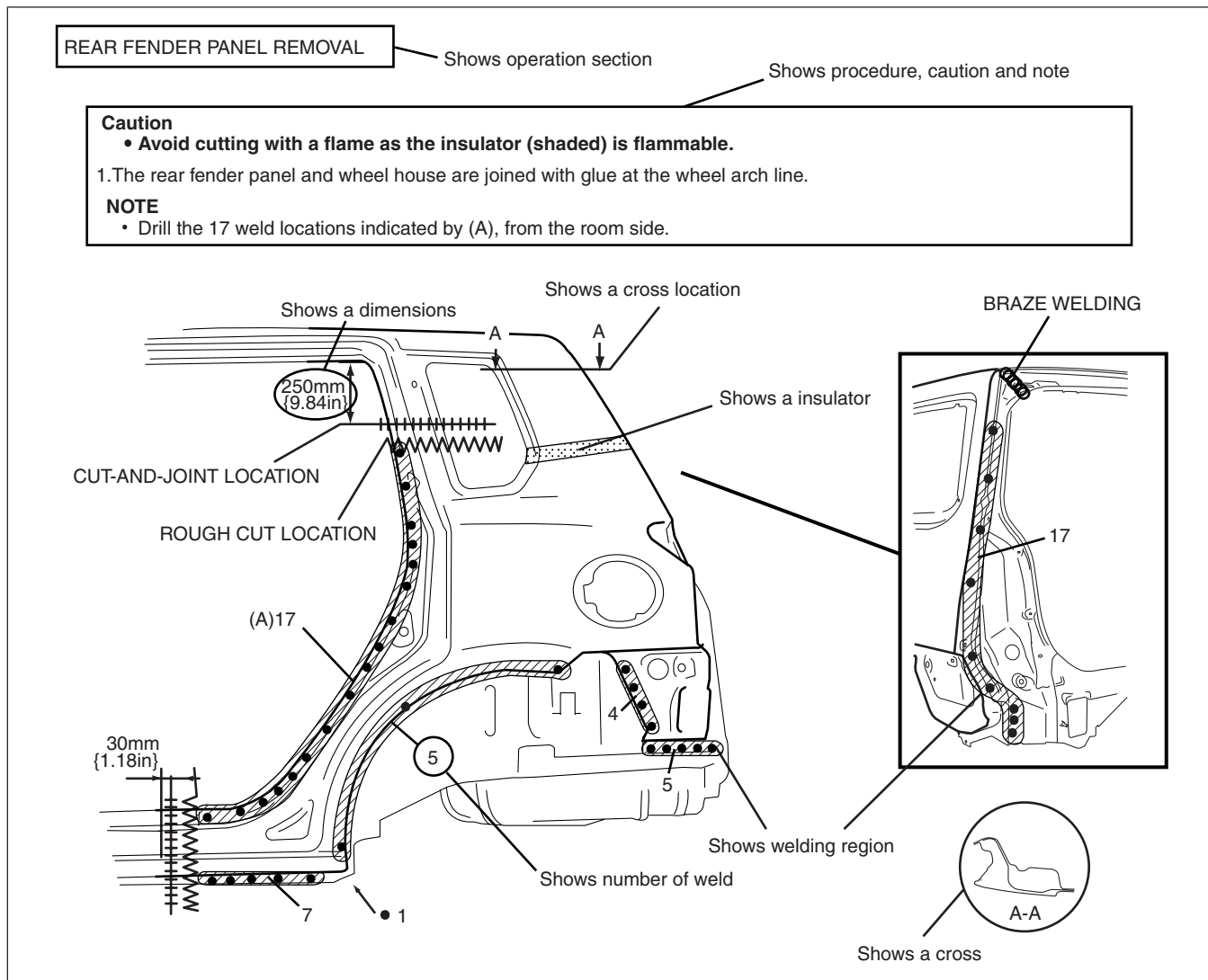
HOW TO USE THIS MANUAL

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Efficient Replacement of Body Panels

- This section contains information on the body panels in regard to the welding types, number of spot welds, and cut-and-join locations that are necessary for panel removal and installation.
- The type of weld and position are indicated by symbols.
- Some sections have notes concerning the operation being performed. Thoroughly read and understand the notes before carrying out any procedures.

Example



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Symbols of Panel Replacement

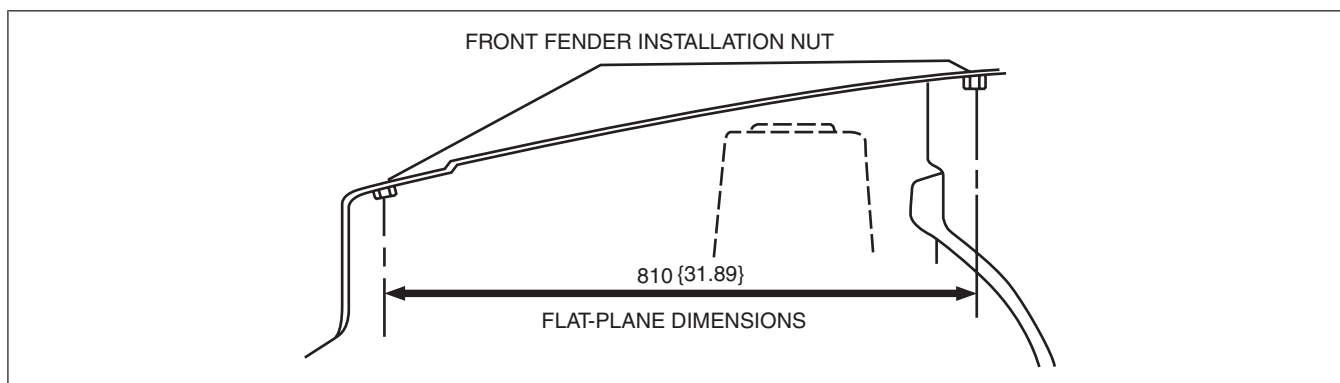
- The following 6 symbols are used to indicate the type of weld that is used when replacing body panels.

SYMBOL	MEANING	SYMBOL	MEANING
●	Spot welding		Continuous arc welding (Cut-and-join location)
■	Arc welding (plug welding)	○○○	Brazing welding (oxyacetylene welding)
+	Arc welding (spot welding)	∩	Rough cut location

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Body Dimensions (Flat-plane Dimensions)

- Flat-plane dimensions are the dimensions measured by projecting certain reference points onto a plane surface.



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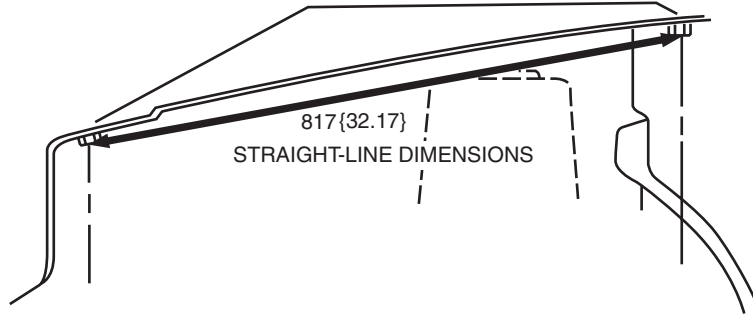
- When there are no specific indications, the standard points and dimensions are symmetrical in regard to the center of the vehicle.
- The hypothetical lines may differ according to the vehicle model.
- The schematic diagram shows the vehicle as it is projected from the underbody.

Body Dimensions (Straight-line Dimensions)

- Straight-line dimensions are the actual dimensions between two standard points.



FRONT FENDER INSTALLATION NUT



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- When there are no specific indications, the standard points and dimensions are symmetrical in regard to the center of the vehicle.

Example

ROOM STRAIGHT-LINE DIMENSIONS (1)

Shows vehicle section

Shows point symbol

Shows outline drawing

Shows dimension

No indication are shown within the outline drawing.

Shows dimension location

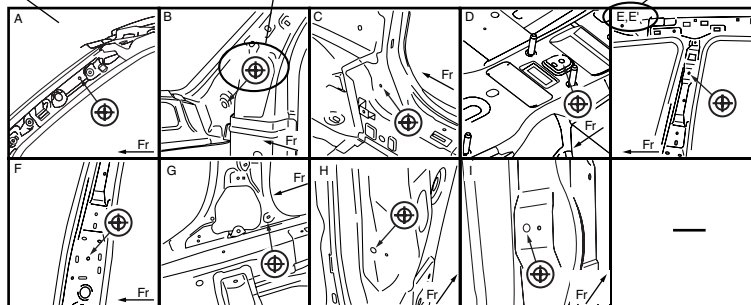
When there are no specific indications, all of units are in millimeters (mm).

mm {in}

Shows details of the standard point location

Shows position and shape of the points

Shows point indication
Without apostrophe:RH
With apostrophe:LH



Point symbol	Designation	Hole diameter or bolt or nut size mm {in}
A	Front pillar inner designation	φ 16 {0.62}
B	Front pillar inner designation	φ 17 {0.67}
C	Harness installation hole	φ 31 {1.22}
D	Front floor pan designation	M14 {0.55}
E	Adjuster installation hole	φ 16 {0.62}

Point symbol	Designation	Hole diameter or bolt or nut size mm {in}
F	Trim installation hole	φ 18 {0.71}
G	Harness installation hole	φ 16 {0.62}
H	Chaker bracket installation hole	17 × 29.5 {0.66×1.16}
I	Chaker bracket installation hole	φ 12 {0.47}

Shows hole diameter





Shows slot




Shows bolt size

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Symbols of Body Dimensions

- The following 8 symbols are used to indicate the standard points.

SYMBOL	MEANING
	Center of circular hole
	Center elliptical hole
	Notch
	Panel seam, bead, etc.

SYMBOL	MEANING
 (arrow only)	Bolt tip
	Center of rectangular-shaped hole
	Edge of rectangular-shaped hole