

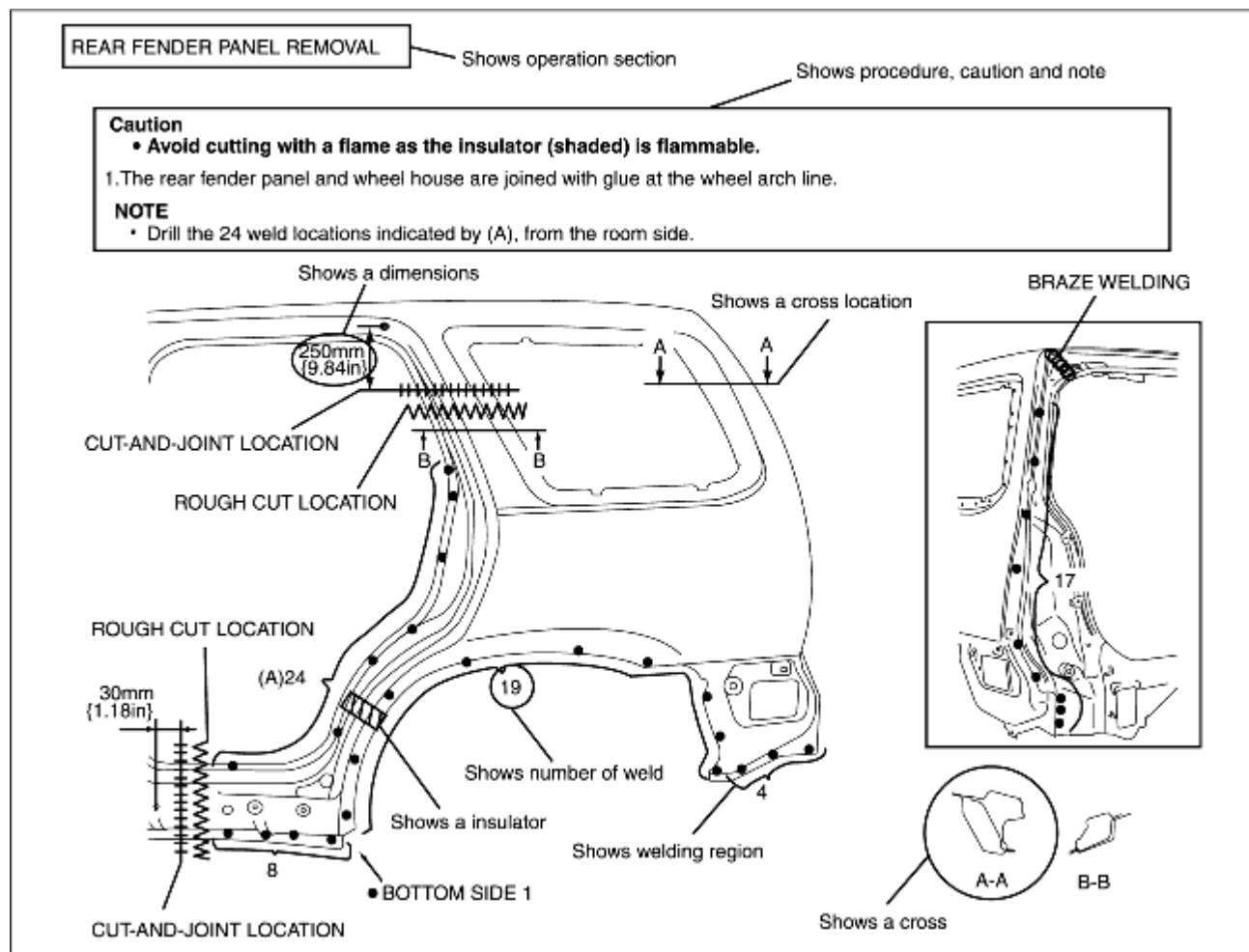
HOW TO USE THIS MANUAL

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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



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
●	Spot welding
■	CO ² arc welding (plug welding)
+	CO ² spot welding

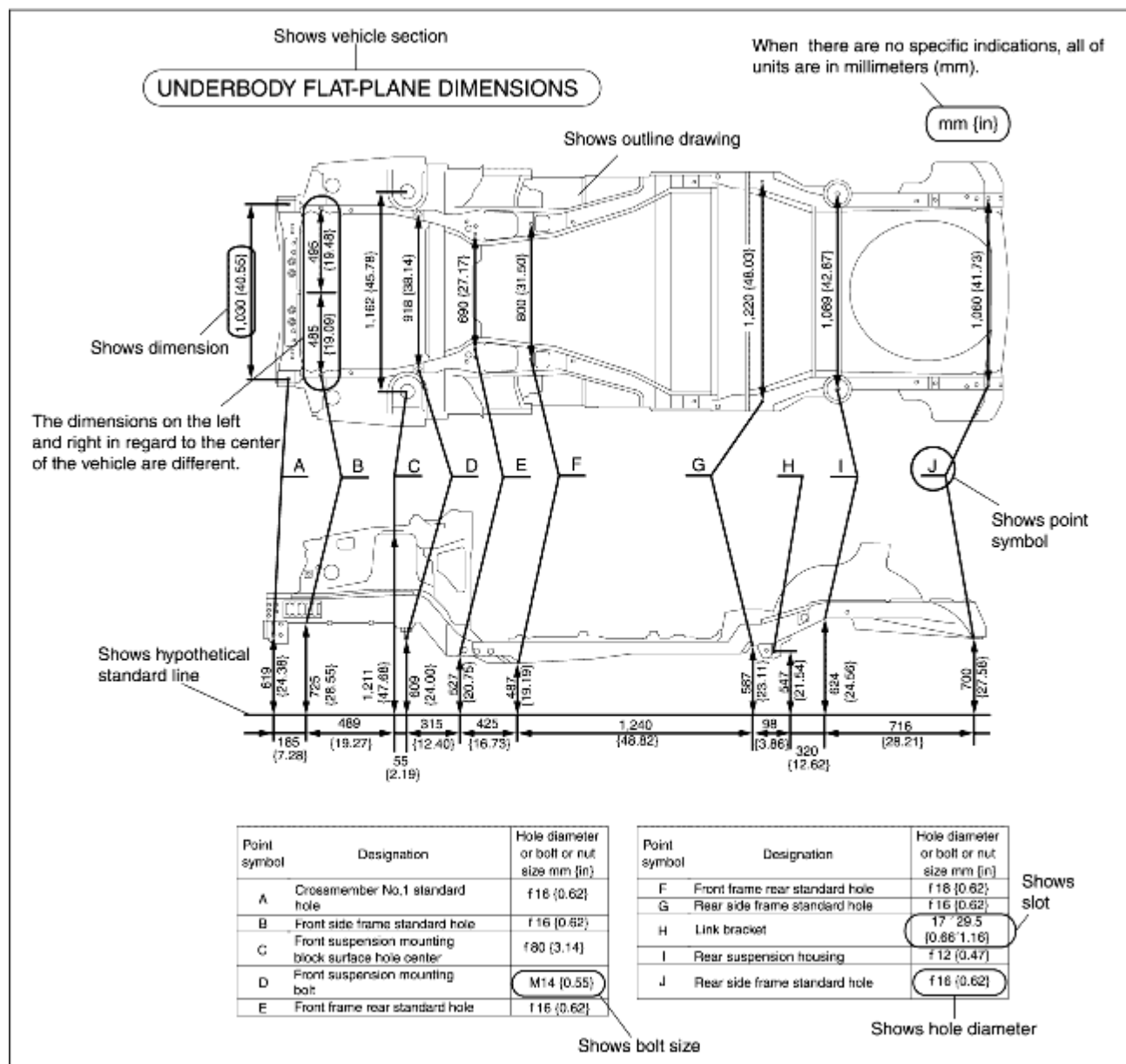
SYMBOL	MEANING
	Continuous MIG welding (Cut-and-join location)
○ ○	Braze welding
〰	Rough cut location

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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.
- 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.

Example

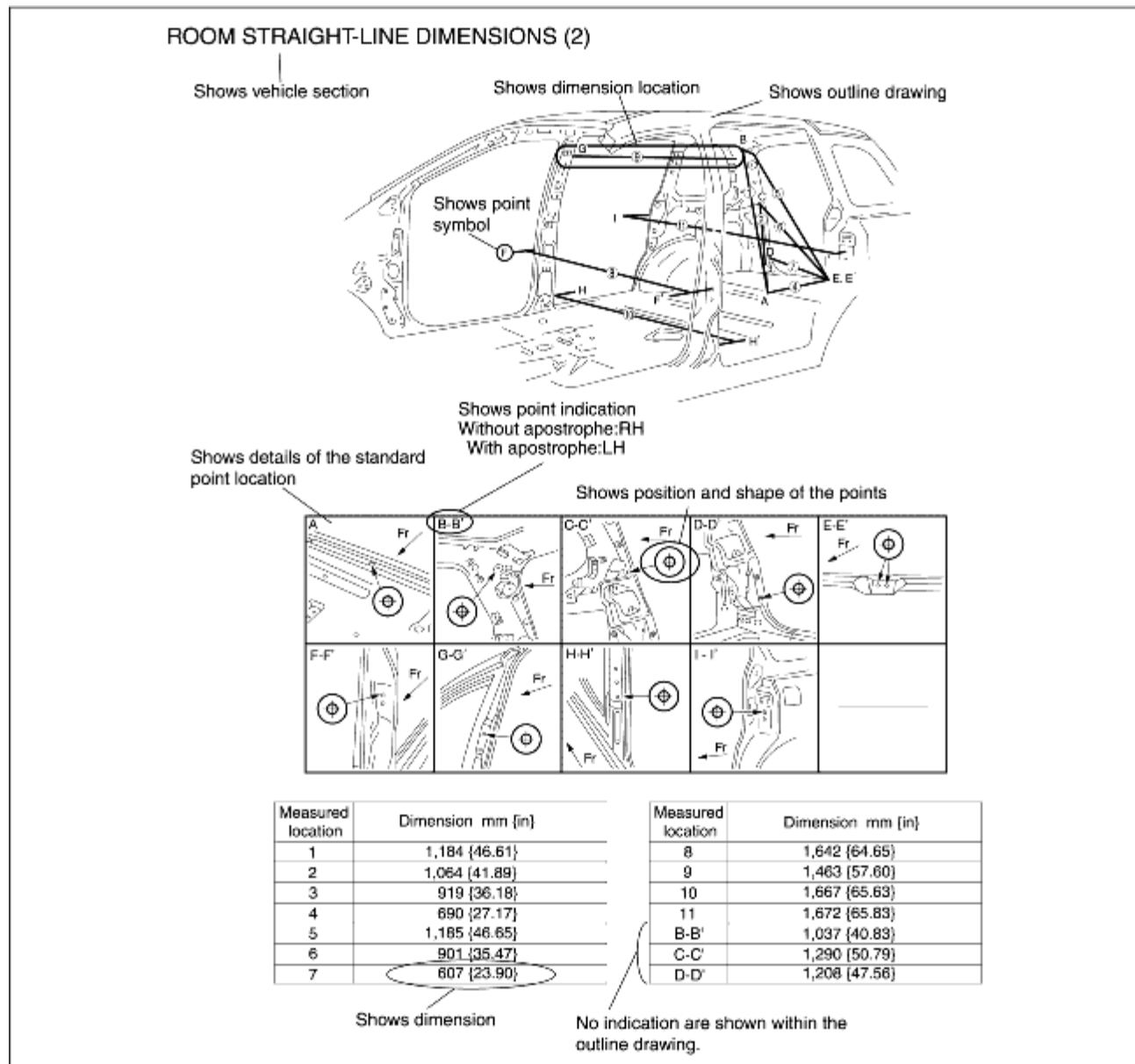


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Body Dimensions (Straight-line Dimensions)

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








Example



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Symbols of Body Dimensions

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

SYMBOL	MEANING	SYMBOL	MEANING
	Center of circular hole	 (arrow only)	Bolt tip
	Center elliptical hole		Center of rectangular-shaped hole
	Notch		Edge of rectangular-shaped hole
	Panel seam, bead, etc.		

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