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## SUBJECT: Non-Repairable Zones on Bumper Covers

On some models equipped with the blind spot information (BSI) system, the radar waves passing through the rear bumper cover are affected by the type and location of the repair. Damage to the bumper cover substrate such as cracks, dents, or abrasions within the radar wave emission range cannot be repaired and will require bumper cover replacement. Paint scratches inside or extending into the radar wave emission range will require the whole area to be painted and polished.

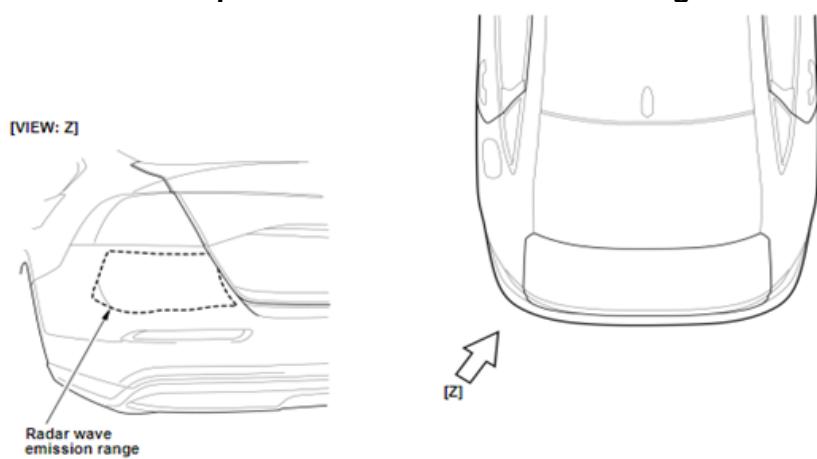
Non-Honda Genuine bumper covers may be composed of materials and thickness specifications that differ from manufacturer specifications which may affect the safety performance of the Advanced Driver Assistance System (ADAS). When replacement is necessary, new Honda Genuine bumper covers must be used to ensure that the ADAS can perform as designed.

Damage or partial coating within the radar wave emission range of the bumper cover equipped with the radar unit may interfere with its operation, so refer to the table below to determine whether to repair it.

		Damaged Condition	
Damaged Area	Within Radar Wave Emission Range	Crack, Dent, or Gouge	Paint Scratches
		Cannot be repaired	Can be repaired only by sanding the entire radar wave emission range
	Out of Radar Wave Emission Range	Can be repaired, however, if some of the refinishing material crosses into the radar wave emission range, then the entire radar emission range should be refinished. Do NOT blend in the radar emission range area*.	Can be repaired, however, if some of the refinishing material crosses into the radar wave emission range, then the entire radar emission range should be refinished. Do NOT blend in the radar emission range area*.

\*Check the following *Repair Paint of Radar Wave Emission Range* for more details.

## Location Example of Radar Wave Emission Ranges



## Locating Template for Non-Repairable Zone on Bumper Cover & Application Procedure

To assist technicians in determining where the radar wave emission area is, a printable template is provided in the body repair manual. This template can be printed and taped onto the bumper cover and will help determine if the bumper cover can be repaired or will require replacement.

Refer to the following for a printable template and more details:

1. Template for Non-Repairable Zone on Bumper Cover [Blind Spot Information System].
2. Precautions for Handling Bumper Cover [Blind Spot Information System] Page.

For more information [\(CLICK HERE\)](#).

**Service Information**

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**2. Precautions for Handling Bumper**

**1. Criteria for Judging Whether or not to Repair or Replace When Bumper Damaged**

This vehicle has some specifications in which the blind spot information radar unit is equipped inside the bumper. Damage or partial coating within the radar wave emission range of the bumper equipped with the radar unit may interfere with its operation, so refer to the table below to determine whether to repair. Also, be sure to use the [Template](#) to determine the emission range accurately.

Damaged Condition		
	Crack, Dent, or Gouge	Paint Scratches
Within Radar Wave Emission Range	Cannot be repaired	Can be repaired only by replacing the entire radar wave emission range
Out of Radar Wave Emission Range	Can be repaired, however if some of the repair material extends into the radar wave emission range, then the entire radar emission range should be refinished. Do NOT bend in the radar emission range.	Can be repaired, however if some of the repair material crosses the radar wave emission range, then the entire radar emission range should be refinished. Do NOT bend in the radar emission range.

\* Make sure the following Repair Paint of Radar Wave Emission Range for more details.

**Template for Non-Repairable Zone on Bumper Cover**

**NOTE:** For a larger view, refer to "Template for Non-Repairable Zone on Bumper Cover".

NOTE: When using the following template, use the one that has been adjusted so that the 50 mm (2 in) wide part lies in the 500 mm (20 in) x 500 mm (20 in) area.

**Rear Bumper**

**Front Bumper**

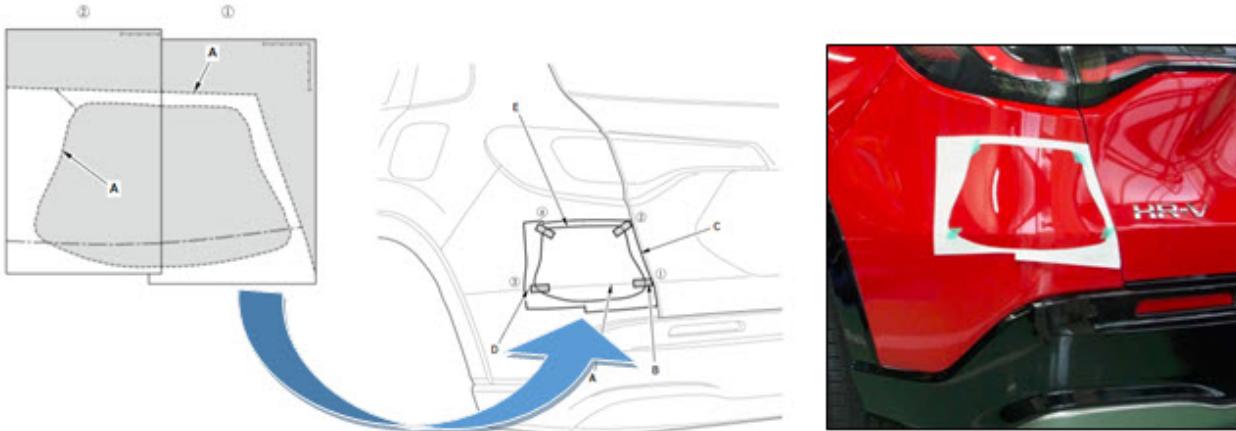
**2. Procedure for Attaching Template for Radar Wave Emission Range of Bumper**

1. Assemble by pasting the patterns **D**, **C**, **B**, and **A** together. Cut the template along the dotted line (A).

(D) (C) (B) (A)

## Applying Blind Spot Information (BSI) Rear Bumper Cover Repair Templates

For procedure instructions for attaching Template for Radar Wave Emission Range of Bumper cover, refer to **Precautions for Handling Bumpers** located in the body repair manual.



## Inspecting Delivered Bumper Covers

When inspecting a new bumper cover, it is important to inspect the Radar Wave Emission Range areas. If damage to the plastic material of the bumper cover exists within the Radar Wave Emissions Range area, the bumper cover cannot be used.

## Body Repair News (BRN)

The BRN can be used as a resource to determine whether a BSI equipped model requires special attention for the bumper covers.

