

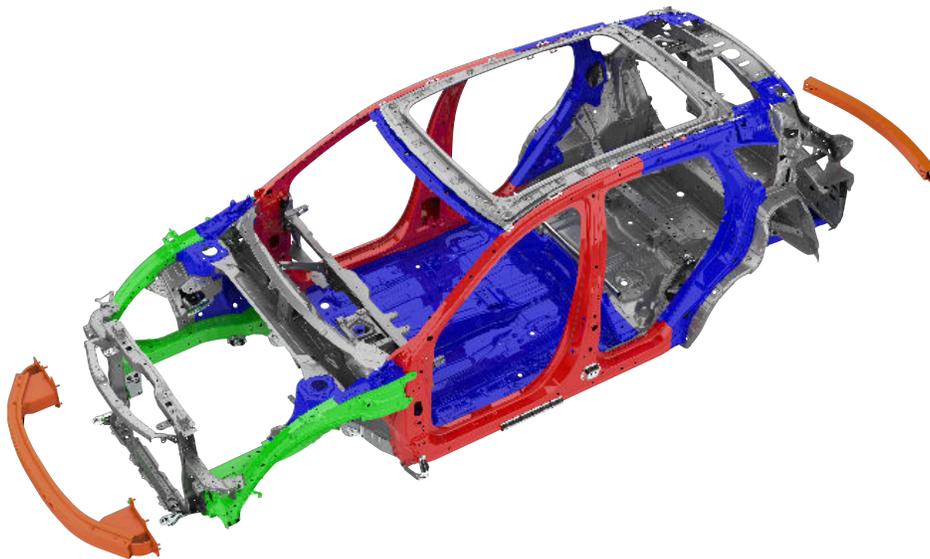
## 2019 RDX Model Series: New Body Repair Information

### AFFECTED VEHICLES

2019 RDX Model Series

**DISCLAIMER:** This publication contains a summary of new body and vehicle technologies that may affect collision and other body repairs. Always refer to the service information and body repair manual (BRM) for complete repair information. A subscription may be purchased at: [techinfo.honda.com](http://techinfo.honda.com).

### OVERVIEW OF BODY FEATURES

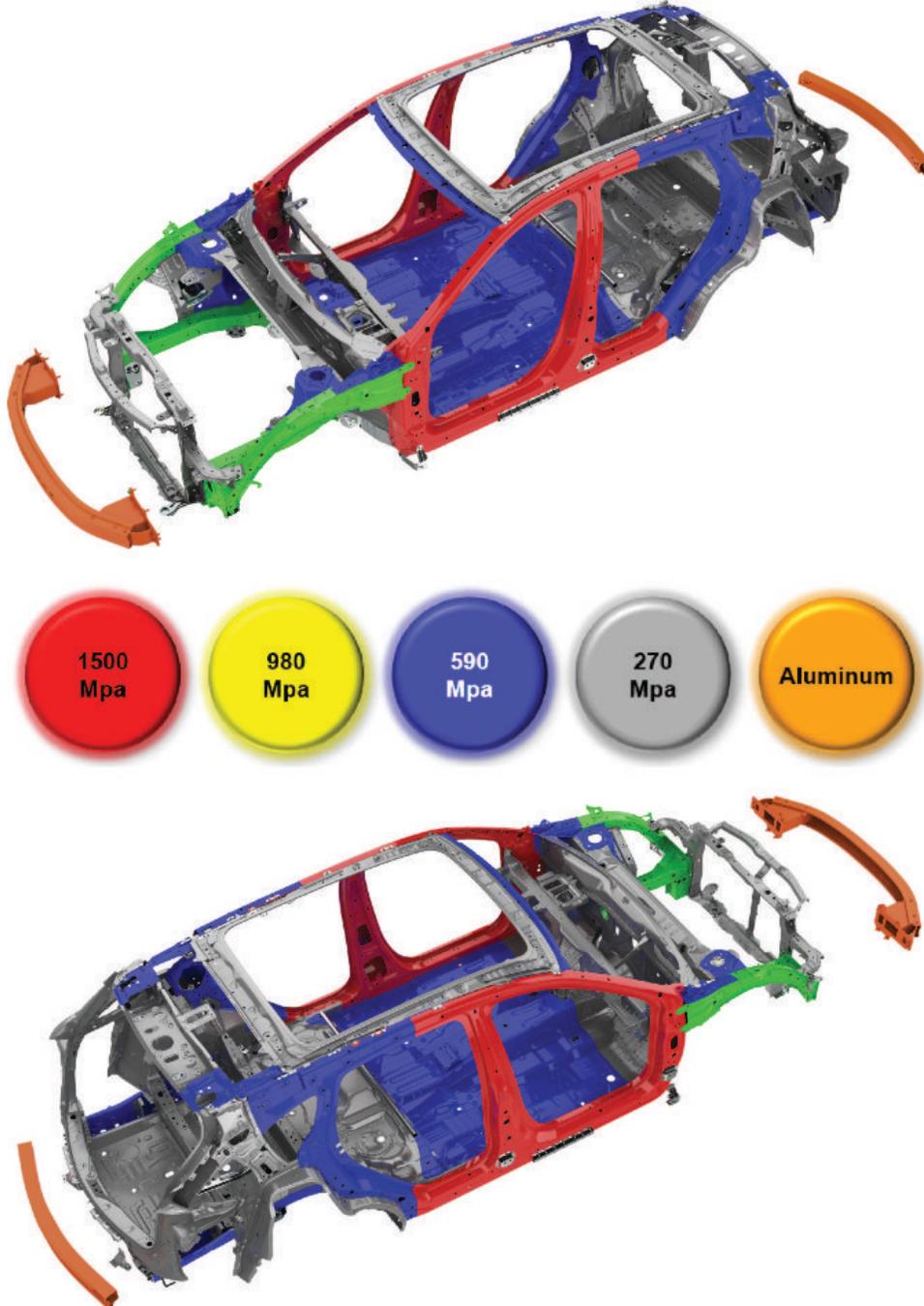


- Next-Generation Advanced Compatibility Engineering™ (ACE™) body structure.
- Body construction using 56% high strength steel, and 26% advanced high strength steel.
- Aluminum hood panel (not shown in view) and front and rear bumper beam for weight reduction and improved fuel efficiency.
- Inner and outer door stiffener rings.

## BODY TECHNOLOGY

### BODY CONSTRUCTION AND HIGH-STRENGTH STEEL CONTENT

- Steel parts are color-coded based on their tensile strength in megapascals (MPa).
- High strength steel (HSS) is defined as any steel with a tensile strength of 340 MPa or higher.
- Ultra-high-strength steel (UHSS) is defined as any steel with a tensile strength of 980 MPa or higher.
- Steel repair and welding procedures vary depending on the tensile strength of the parts involved.

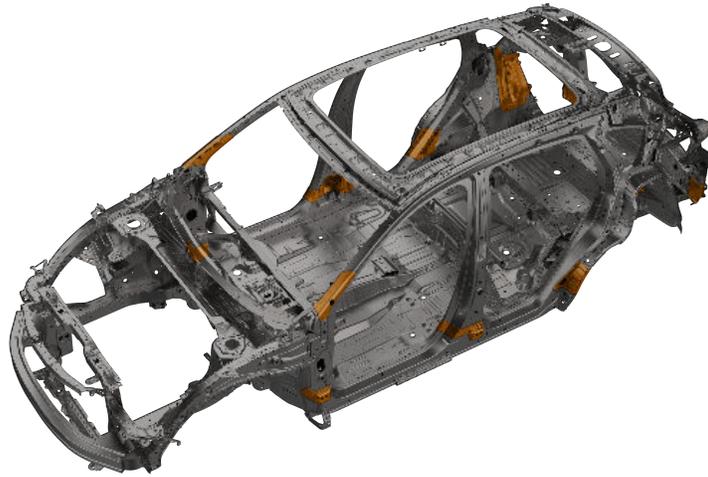


#### NOTE

These illustrations are for general reference only. Some body parts are constructed from multiple layers of different tensile strength steels. Always refer to the body repair manual body construction section for specific steel tensile strength information.

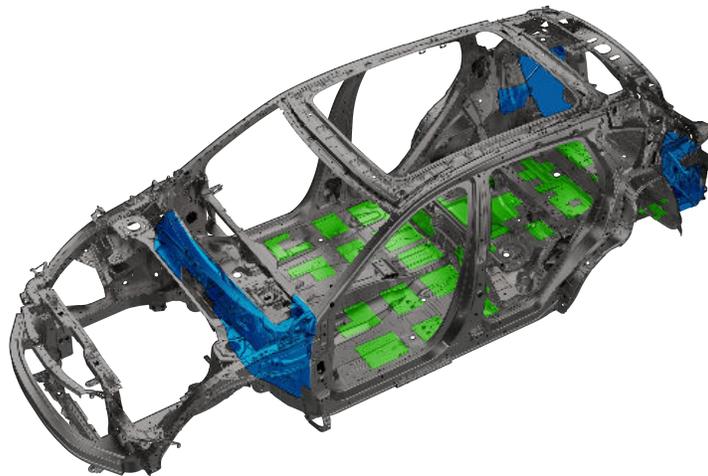
## APPLICATION OF ACOUSTICAL FOAM

Reduces wind and road noise.



## APPLICATION OF INSULATION AND SOUND DEADENING MATERIAL

Reduces wind and road noise.

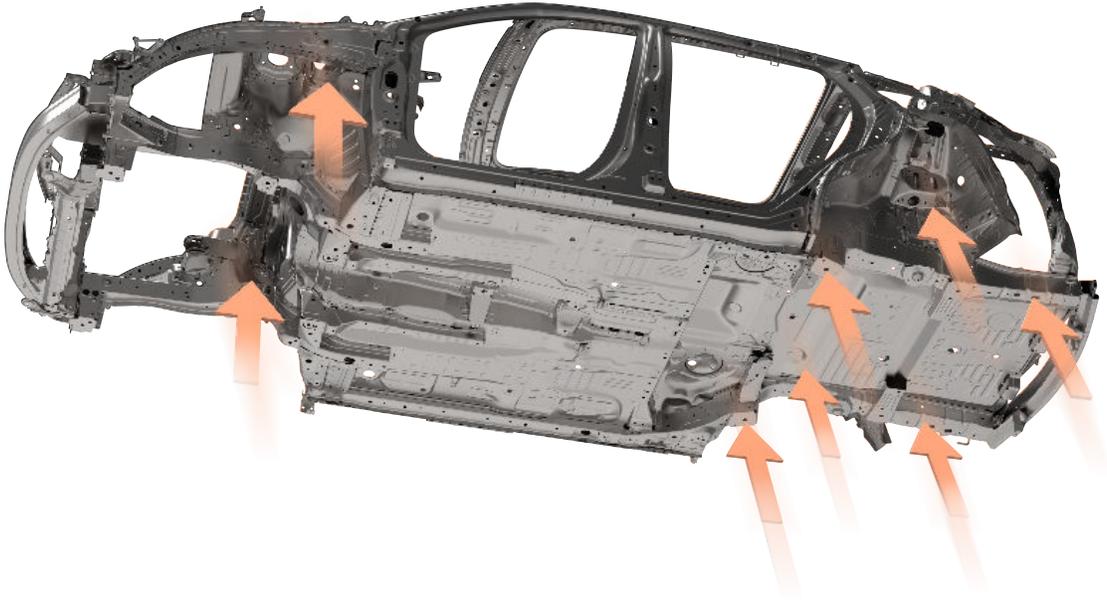


Acoustical Foam

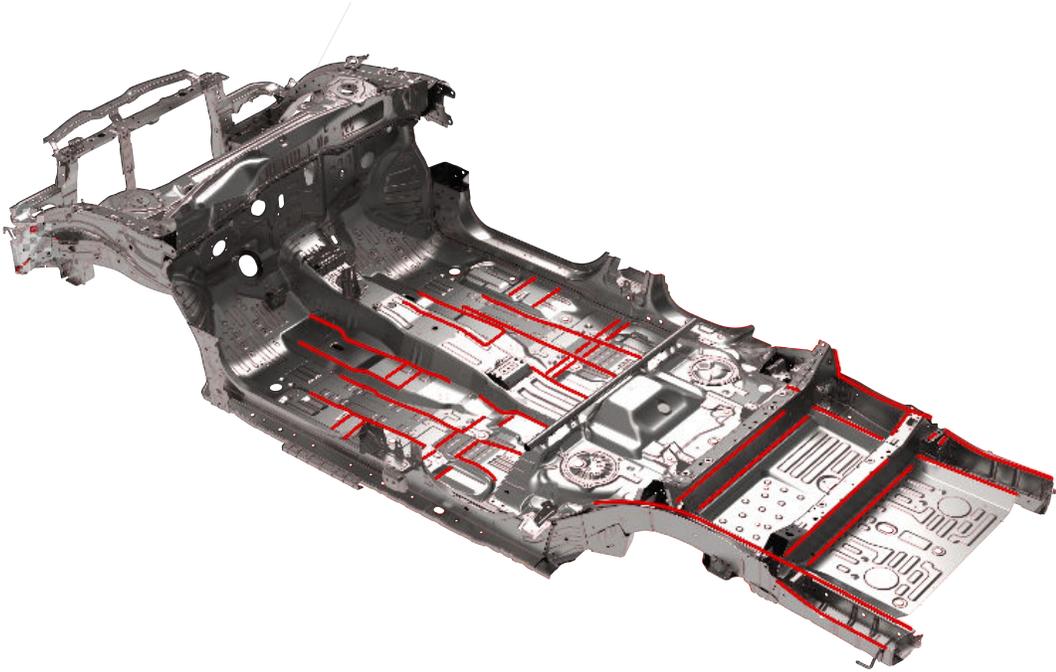
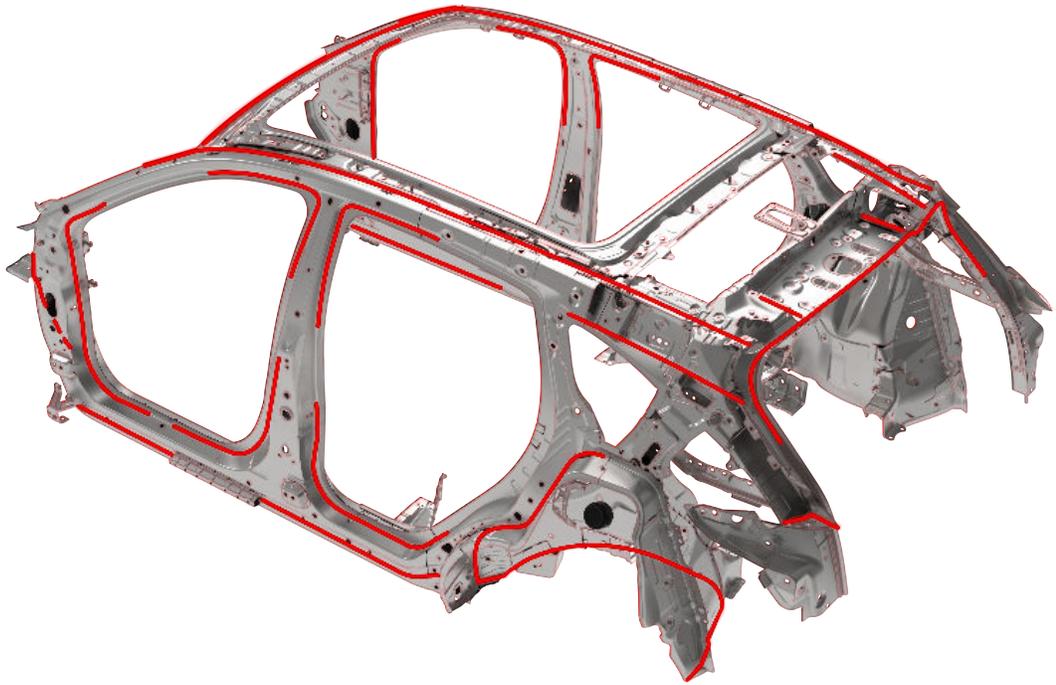
Insulation

Sound Deadening Material

**INCREASED FITTING POINT STIFFNESS**



**HIGH PERFORMANCE ADHESIVE LOCATION**



## TAILGATE

The RDX features a resin tailgate.

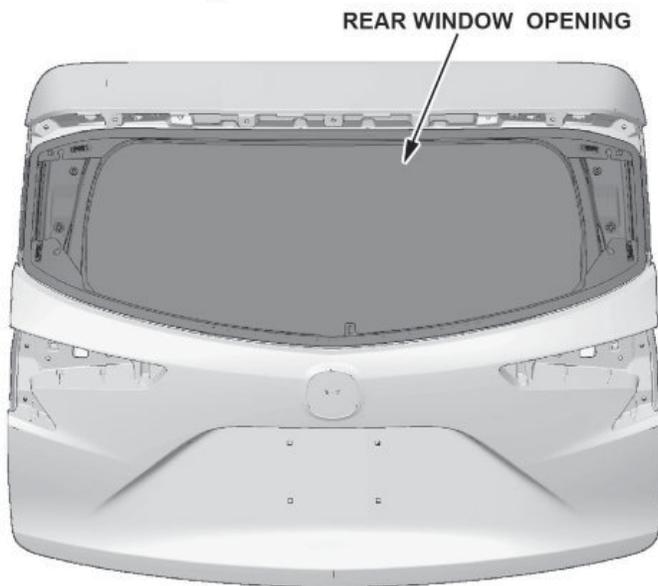
Installing the rear window on a painted rear window opening will reduce the strength of the window adhesive in higher temperatures.

In addition, the tailgate inner trim panel is molded together with the tailgate assembly from the supplier. Extra care must be taken to keep this area free of paint and damage.

If using a replacement tailgate, paint it to match the body color of the vehicle before installation. The tailgate must be masked to ensure no paint is on areas that do not have base coat applied by supplier. The following areas will need to be masked:

- The rear window opening
- The tailgate frame
- The rear view camera
- The tailgate open switch
- The license light areas
- The holes in spoiler area
- The holes in rear lid light areas
- The license plate holes

■ : Indicates masking areas.



### NOTE

Replacement tailgates will have the rear glass and tailgate harness already installed. Make sure to mask the glass as necessary.