

## **2017 NSX Series: Body Repair Information**

### **APPLIES TO**

2017 NSX Model Series

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

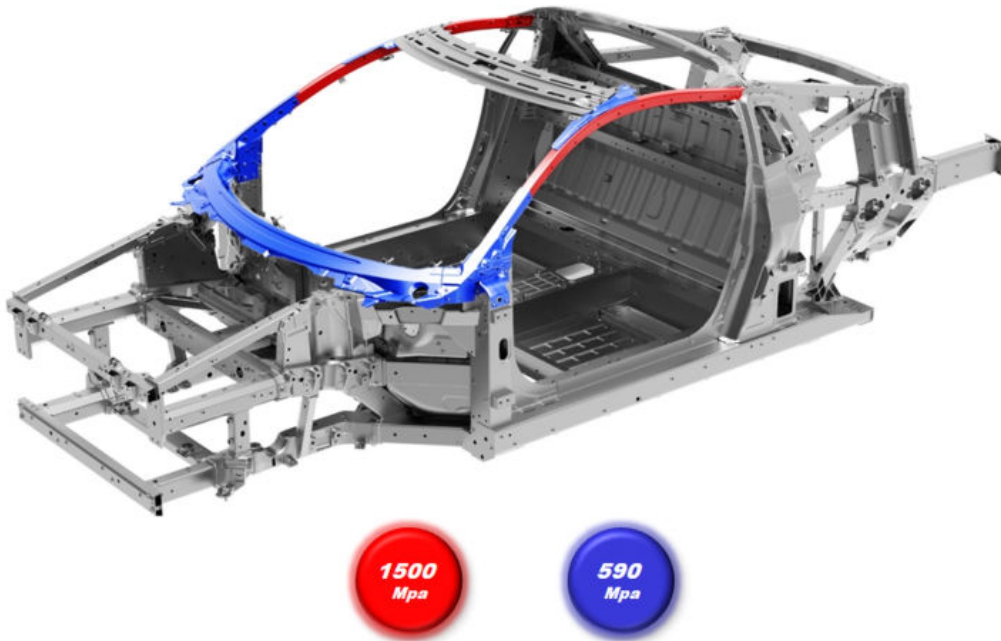
### **INTRODUCTION**

The second generation Acura NSX uses a multi-material body structure, new materials and construction methods to achieve unprecedented dynamic rigidity, outstanding outward visibility and world-class collision performance. Making use of a space-frame design, the new NSX is composed primarily of lightweight aluminum with the strategic use of steel and carbon fiber in select areas. Because of this advanced body technology, complete and proper repair of any collision or body damage is critical.

## 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.
- 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.

## 12-VOLT BATTERY LOCATION

Open the hood, and open the battery cover as shown to access the 12-volt battery.



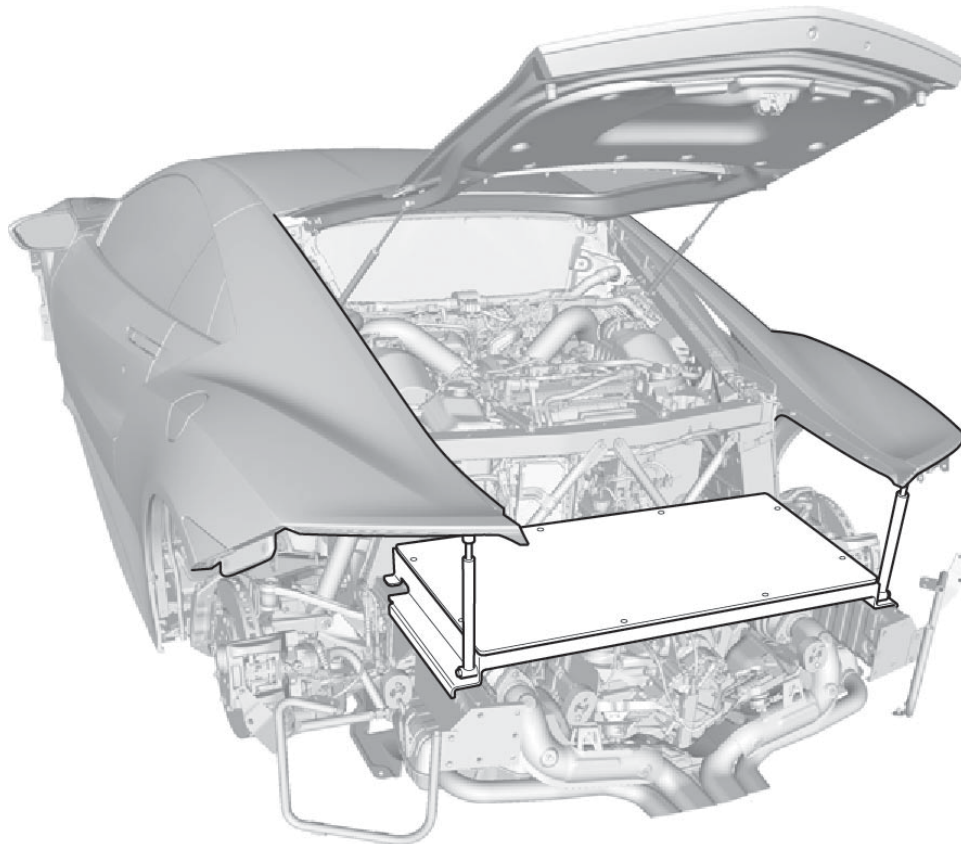
RELEASE TABS

### NOTE

The 12-volt battery cover plays an important role in airflow for the HVAC system. When installing the cover, make sure it is secure and flush to the front cowl.

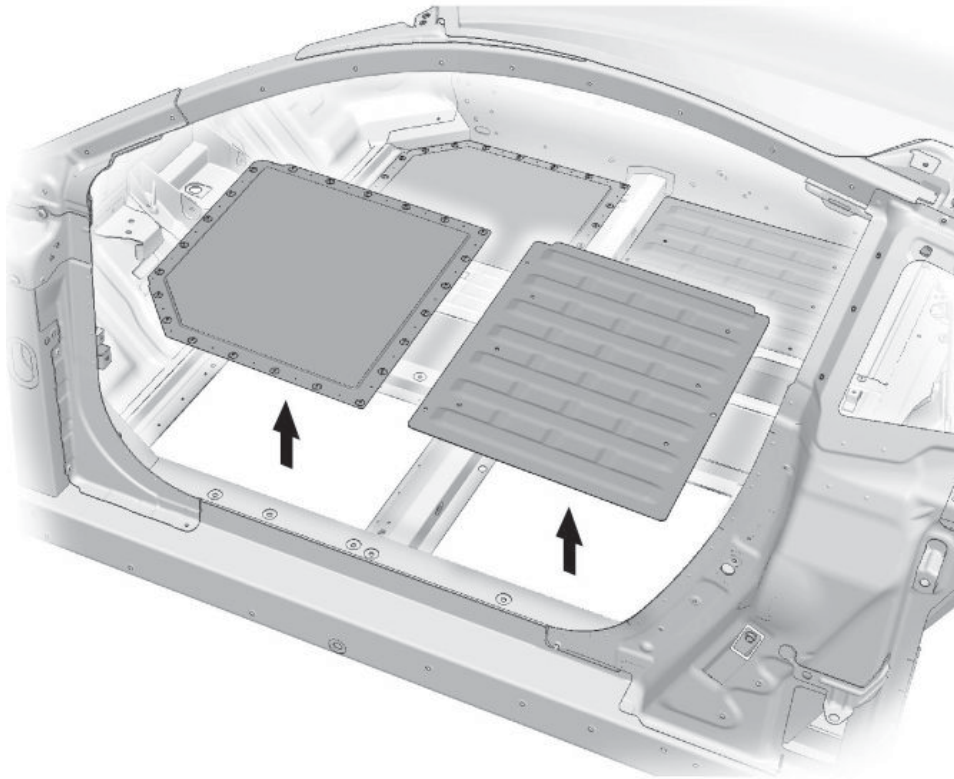
## REAR FENDER SUPPORT

Whenever the rear trunk assembly is removed, the rear fenders are unsupported and could be damaged. To avoid this, always use the rear platform (T/N 07AAK-T6NA100). The platform has vertical posts on each side to support the fenders.



## CENTER FLOOR

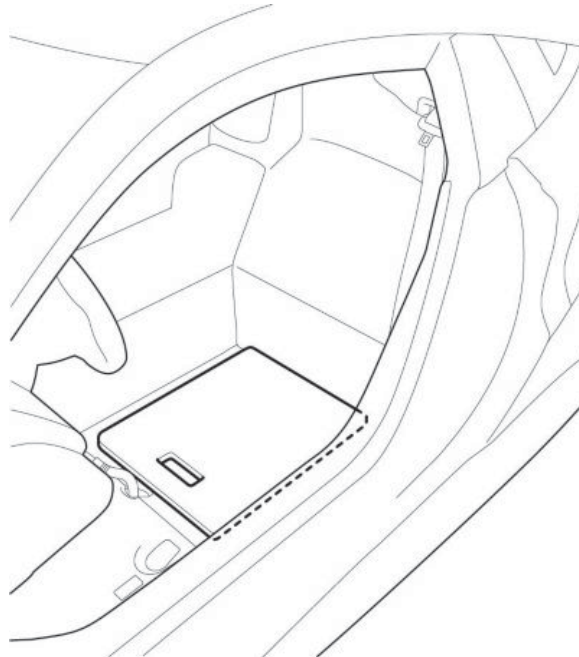
The floor of the center body is made out of aluminum and composites. When doing any repair procedures with the seats removed, it is important that any load exerted (such as a technician stepping on the floor) is evenly distributed to avoid damage.



Whenever the seats are removed, place the floor support panels (T/N 07AAZ-T6NA300) on the middle panel.

### NOTE

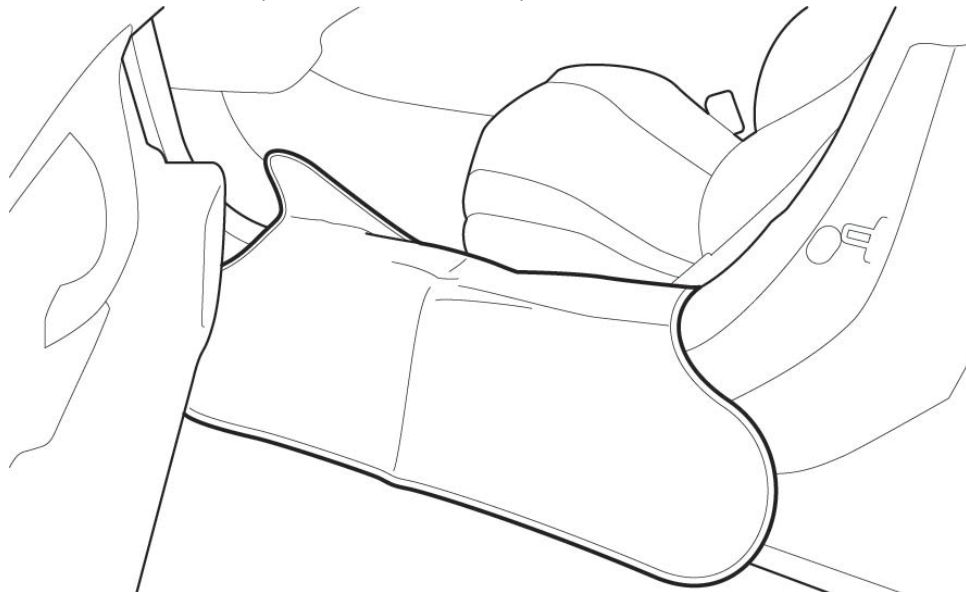
Floor support panels are not available for the front panel.



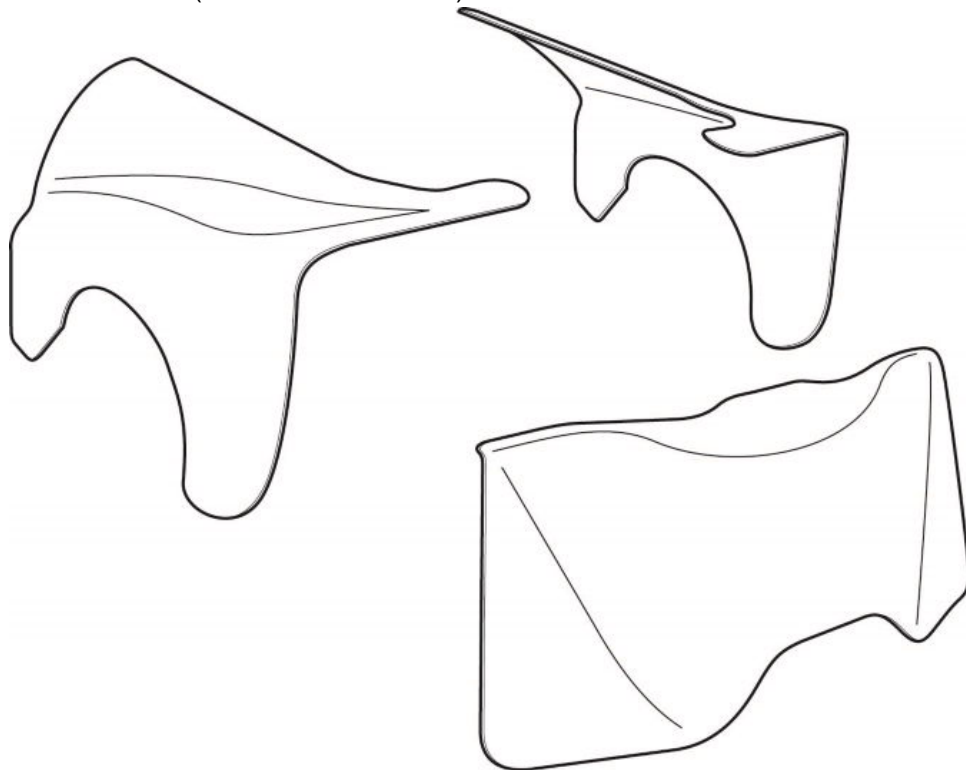
## PROTECTION COVERS

Protection covers for the side sills and rear fenders are available to protect the paint during repairs.

Door Side Sill Cover (T/N 07AAZ-T6NA700)



Fender Covers (T/N 07AAZ-T6NA200)



## **ADDITIONAL RESOURCES**

For more information regarding collision repair, the following resources can be found in SIS and under the **Service Info** tab in ServiceExpress:

- Job aid *NSX Exterior Paint Handling Information*
- Service bulletin 16-034: *2017 NSX: Collision and Body Repair Process*
- Body Repair News article "Acura-Approved Collision Repair Tools Now Available"