

# DOWNFORCE - AIR SCOOP

## INSTALLATION AND USER'S INSTRUCTIONS

Thank you for purchasing the Intake Scoop from Downforce.

Before beginning any removal or installation, please take time to thoroughly read through the instructions. The air scoop will not affect the operation of your smog equipment on your car. This instruction is available for download online at <http://www.downforce.biz/manual/>

- There are several WARNING sections in the installation. Always read and follow the instruction to prevent injuries, accidents, and possible damage to the vehicle.
- Do not modify the Air Scoop.
- Do not install the Air Scoop in any way other than described in the following instructions.
- If you have any questions about the use of the Air Scoop, ask Downforce about any concerns.
- Downforce and its dealers are not responsible for injuries, accidents, and damage to persons and property that arise from the use of this product.
- This product is for off road use only.

<b>PART NAME</b>	<b>AIR SCOOP</b>
<b>PART NUMBER</b>	<b>DF-50070</b>
<b>VEHICLE</b>	<b>ACURA NSX 1991-2005</b>

## 1 Requirements



You will need the rubber grommet boot pictured here. Without this grommet the air scoop will not properly seat into the airbox opening.

Part Description: Joint, Air Intake Tube  
Part Number: 17246-PR7-A00  
Retail Price: \$31.97



When removing the factory resonator, you are required to remove three 10mm body bolts. When installing the Air Scoop you are required to reuse 2 of these bolts pictured here.

## 2 Tools and Equipments Needed



Philips head  
Screwdriver



Jack stand



Car Jack

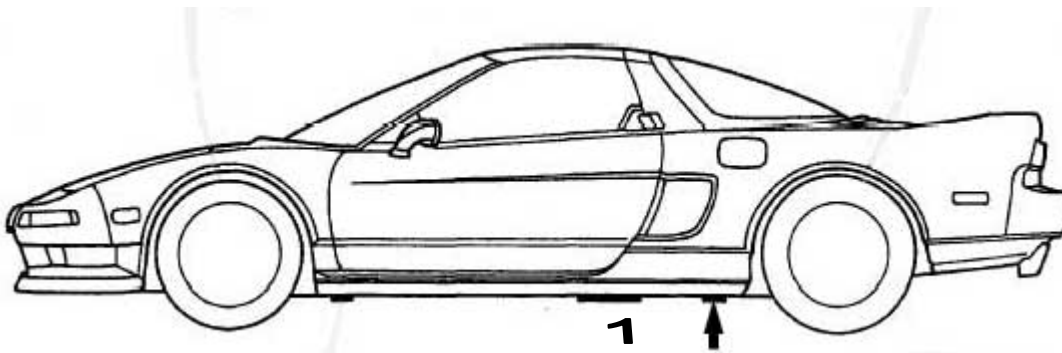


10mm Metric Ratchet  
(with extension)



Lug Wrench

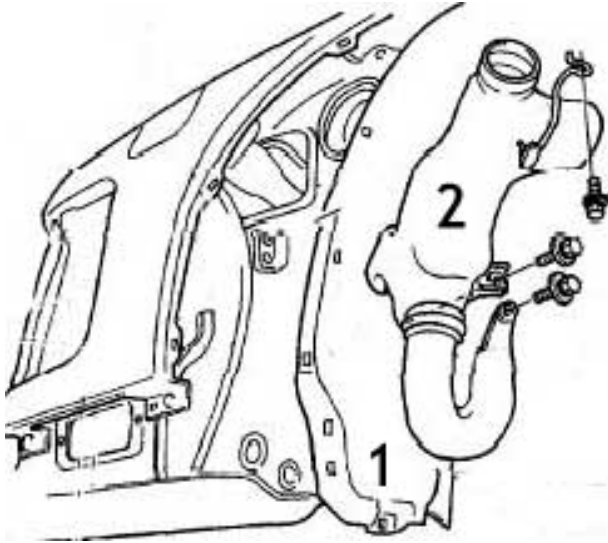
## 3 Setup and Preparations



- 1.) Park the NSX on a flat even surface.
- 2.) Make sure the emergency brake is properly working and is on.
- 3.) Loosen the 5 lug nuts on the rear driver (left) side wheel.
- 4.) Use the jack point shown on the picture above to lift the car.
- 5.) Place a rubber pad or soft wood block on the pad of the lift jack to prevent any scarring of the body.
- 6.) Lift the car high enough only to fit a jack stand underneath and enough clearance to remove the wheel.
- 7.) Place a jack stand underneath the second jacking point indicated by the number "1" in the figure above.
- 8.) Now remove the wheel.

## 4

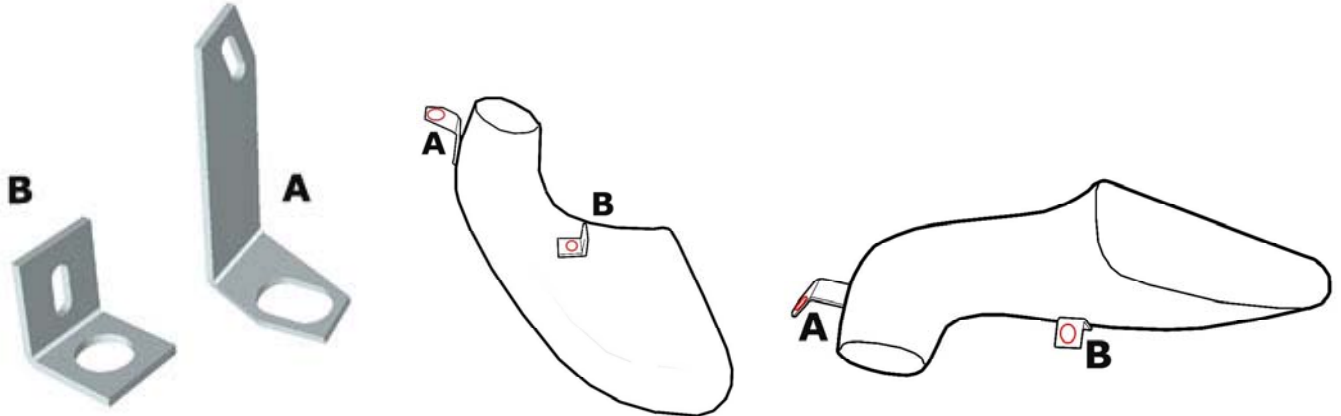
### Fender Liner and Intake Duct Removal



- 1.) Use a Philips head screw driver to remove the two screws that is holding onto the liner on the bottom portion.
- 2.) The rest of the liner uses a special snap on clip. To remove these clips without damaging them use the tip of the screw driver to press the middle section in. When you hear a snap then you can pull out the clip.
- 3.) You just need to remove half of the clips so you can get room liner out of the way.
- 4.) Now you will need a 10mm ratchet to remove the intake duct. There are 3 bolts that need to be removed.

## 5

### Intake Air Scoop Installation



- 1.) Install the brackets provided as shown.
- 2.) First slide the scoop in from the top, and work your way in to bend it into the rubber grommet boot.
- 3.) When in place, firmly push the scoop into the side vent.
- 4.) Now tighten the bracket "B" first and "A" second.
- 5.) Again when you are finished firmly push the scoop into the vent again to ensure it did not move out of place.
- 6.) Now you can begin reinstalling everything back together.
- 7.) When putting the liner back onto the rear fender, make sure the scoop is not in the way.
- 8.) If the scoop seems to be in the way of putting the liner back in, try pushing the scoop further in. The liner is supposed to go back in properly.