

FRONT LIP SPOILER DESIGN



Photoshop rendering of front lip concept. Modern "boltless" attachment around front airdam with screw fixing to wheel wells of the bumper cover.



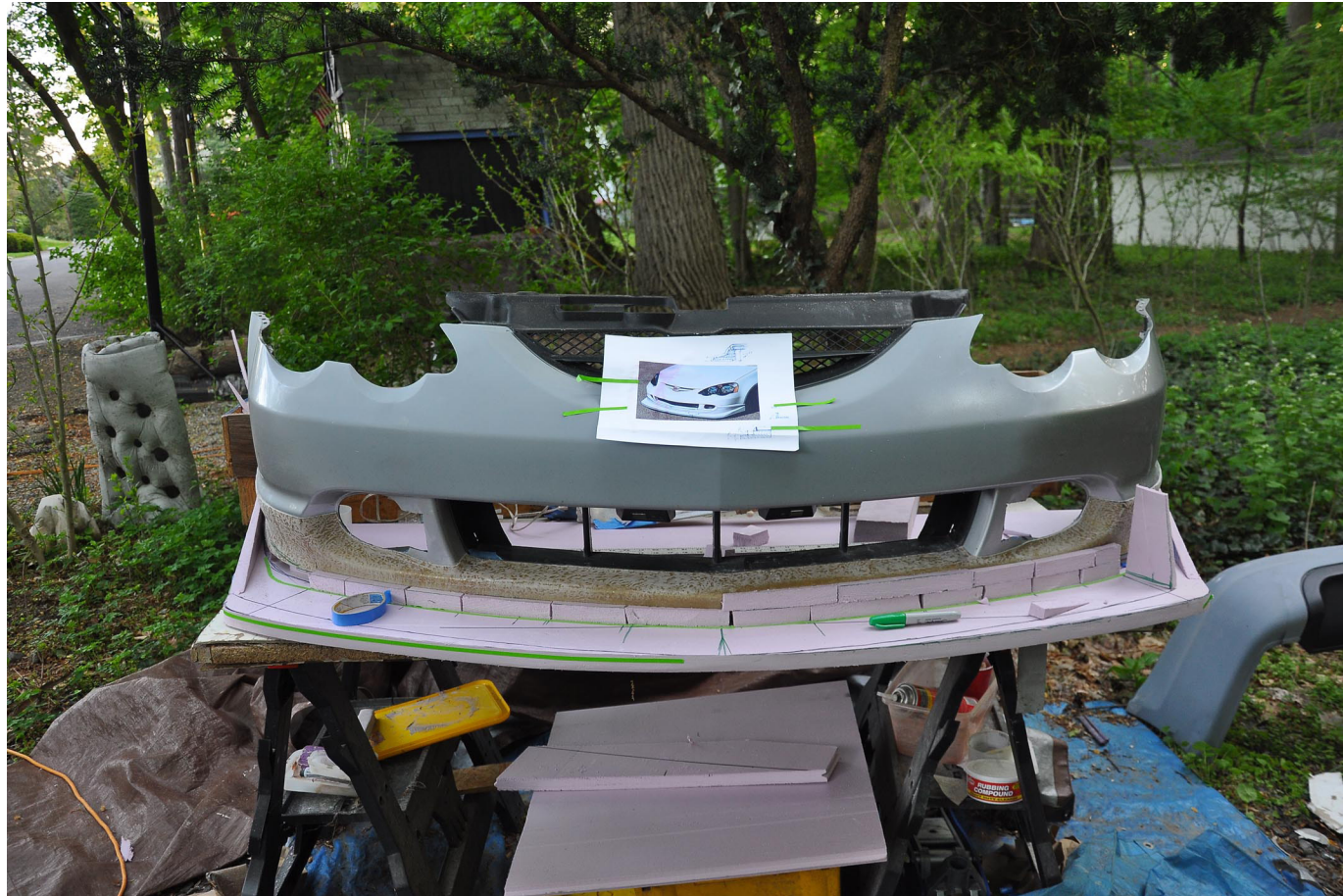
Fiberglass prototype base made to fit snug to the bumper to ensure proper fitment. This is used for just the prototype, the finished parts will not have this base.



Fiberglass prototype base shown unattached to the bumper cover.



Fiberglass prototype base has been scuffed for adhesion and foam has been attached to create the lower portion of the design. Tape is used to mark out the detail lines.



Front view of the prototype. Foam blocks are cut in sections to build the transition from the airdam to the top splitter surface.



Chavant clay is used to block in surface transitions and detail lines. This prototype will be finished with a fiberglass shell, so the clay isn't used for the finishing surface.



A fiberglass outer shell is added to the prototype, which also joins the fiberglass base and the outer shell into one piece.



The lip has been removed from the bumper and the foam and clay have been discarded from the prototype.



This photo shows the lip splitter mounted to the car, with foam extension pieces added to both sides as an after thought. These pieces add more surface area and create a 90° degree angle from the wheel well to the side surface of the lip.



Front view of the lip splitter showing the large amount of surface area it has and the overall width of the piece. The optional factory fog lights fit perfect with no interruption from the lip splitters mounting.



This angle shows the transitional step from the top surface of the splitter to the airdam. The step nicely lines up the outline of the airdam and the lower outline of the lip, they are at the same outward distance from each other.



Frontwards looking view from the rear of the car, showing the side surface of the lip splitter. The lip extends about 50mm outwards from the wheel arch, which should allow for functionality of downforce with wider wheels and or tires.



3/4 angle view of the lip and whole car, passengerside.



3/4 angle view of the lip and whole car, driverside.