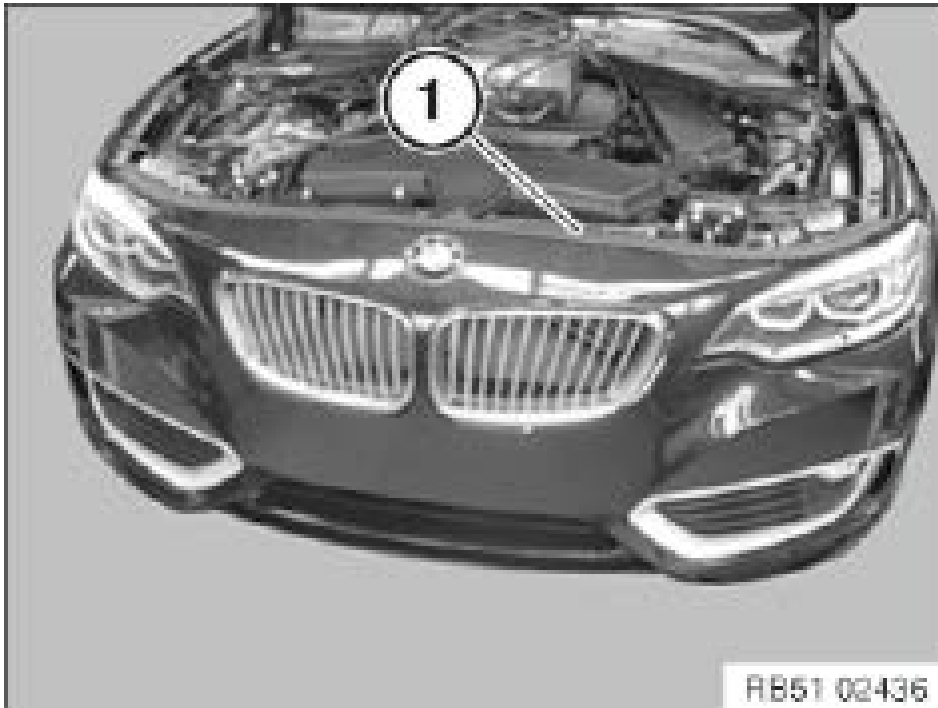
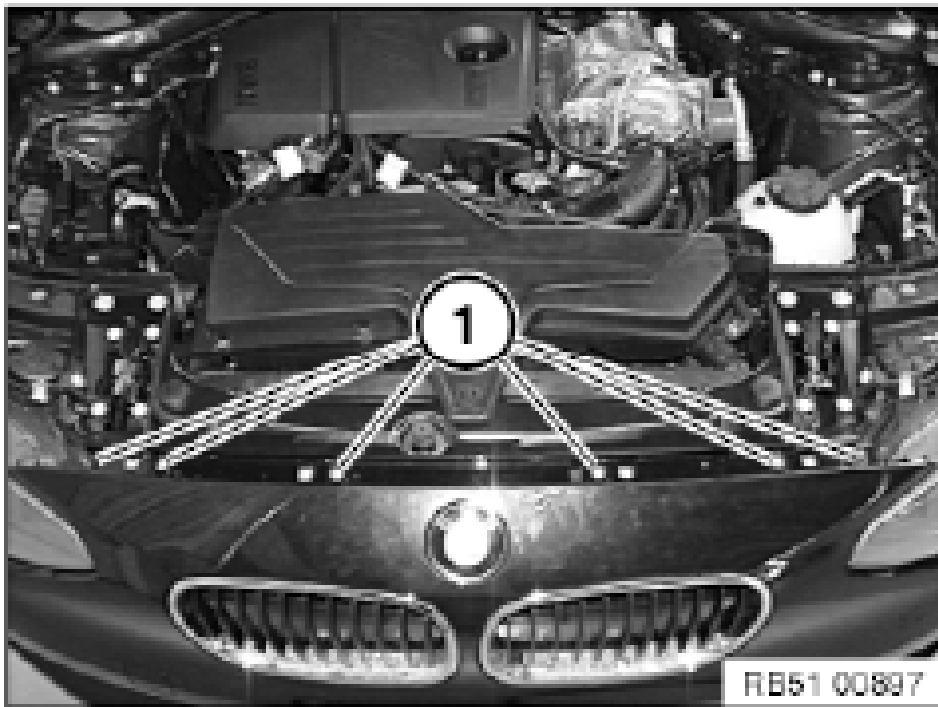


BMW Front Bumper removal and Strip down. By GregoryK (with help from BMW)

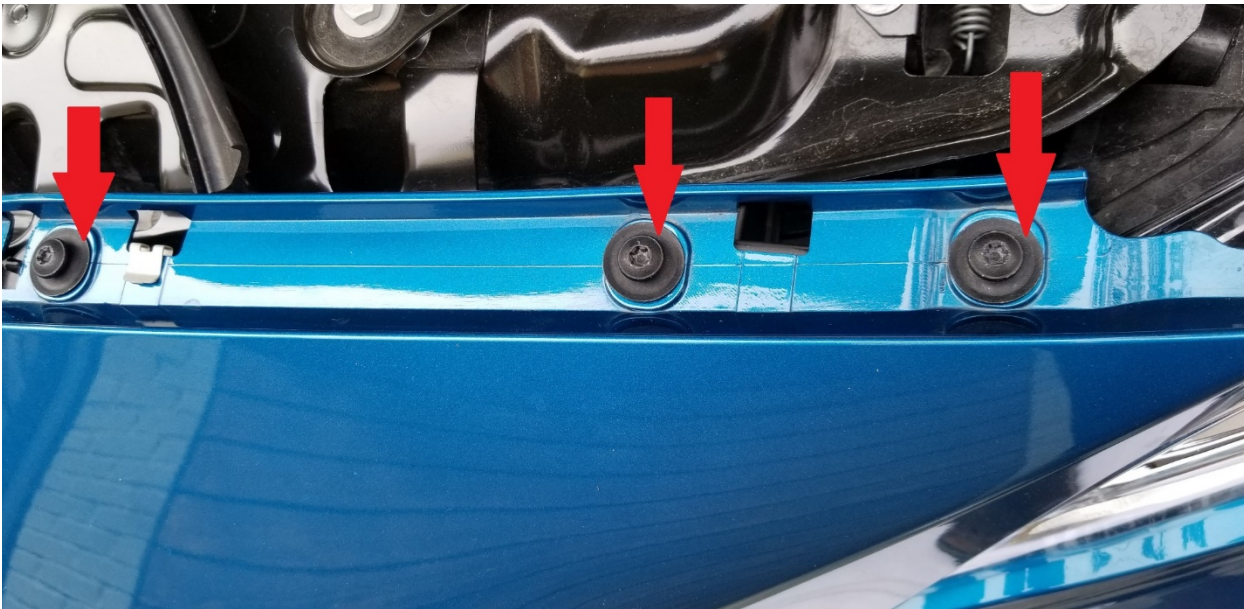
1 – Open the hood and remove the gasket at the top of the plastic bumper



2 – Remove the 6 bolts that hold the top of the bumper to the metal frame.



Right side bolts...closeup.



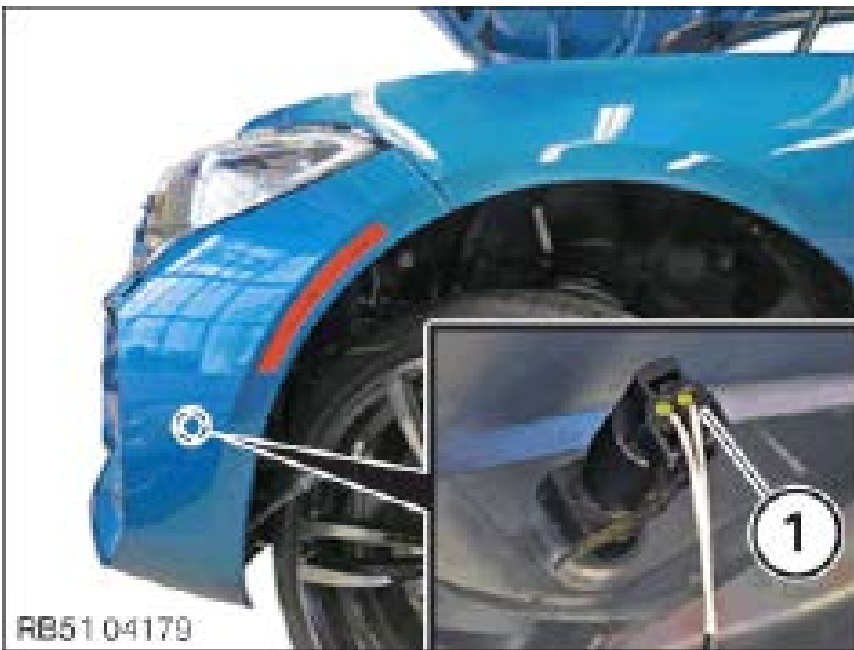
4 – Next decide if you want to jack up the front of your car and remove the front wheels.

This makes the next step easier but is not necessary (I did not do this)

You need to turn your wheel away from the car on the side you are working if you are leaving them on.

In the back on the bumper undo the 4 small metal screws that attach the wheel arch (plastic) cover to the bumper and push it out of the way....or tie it out of the way with a piece of string (recommended)

5 - With the cover out of the way on the left (drivers) side unplug the exterior temperature sensor.



*** a word of warning here – don't start the car with this removed or it will set off a “check engine light”
.....ask me how I know! The plug slides off by pushing in a typical clip.

6 – Remove the 3 bolt head screws that attach the bumper to the upper body. These are a pain to get to and they are long. Use a flashlight to see them. Repeat for them other side.

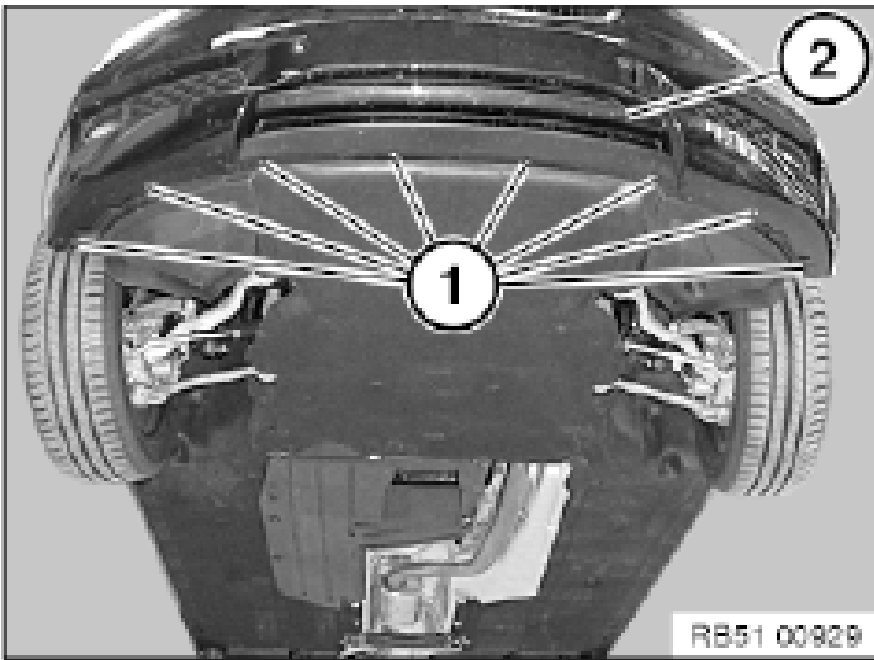


7 – Remove the left and right hi pressure headlamp washer lines from the back of the washer units. These are banet style and need to be wobbled and some effort to remove. On my car the left side was much harder to remove than the right.



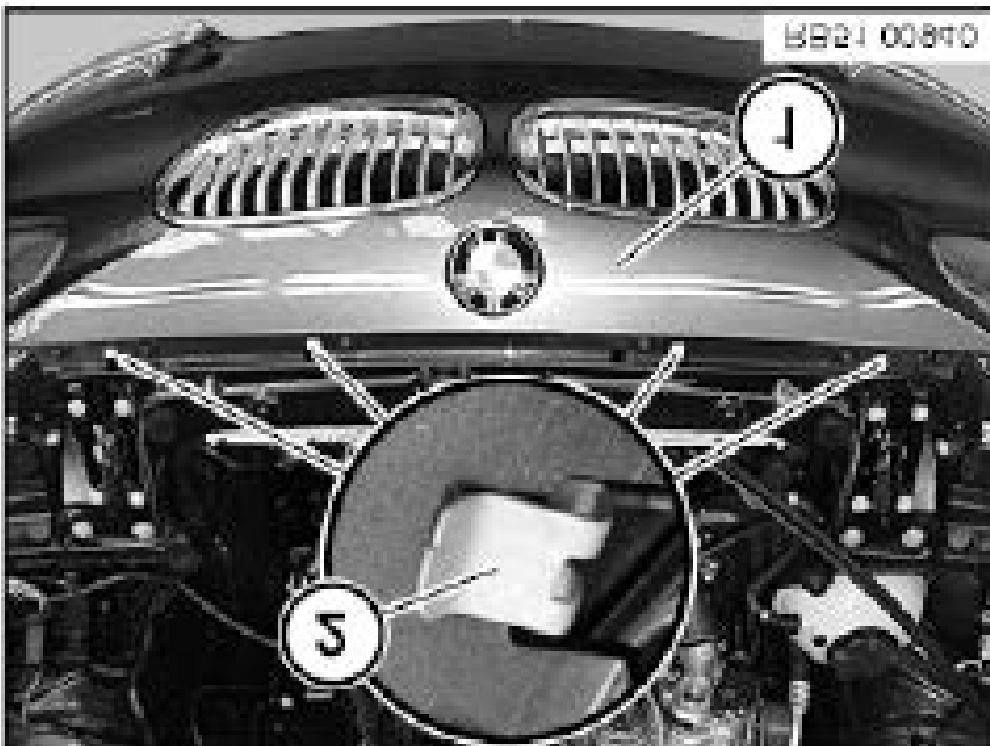
Turn the ends of the washer units (where the hoses connect – they can swivel) up so they clear when you remove the bumper.

8 – Remove the bolt screws and 4 clips from the underside of the bumper.



Lay down towels on the ground around the front of the car.

9 - Carefully pull the bumper off the top clips then off the car and lay it on the towels. A second person is helpful.





10 – Removal of the grill are obvious but the side air intakes are much more tricky.



you need to release the tabs on the inside side of the intake first and work your way around to the outside.



I only removed these because I was going to paint. Leave on otherwise!

11 – Installation is the reverse. Be care to line everything up and don't over tighten!