

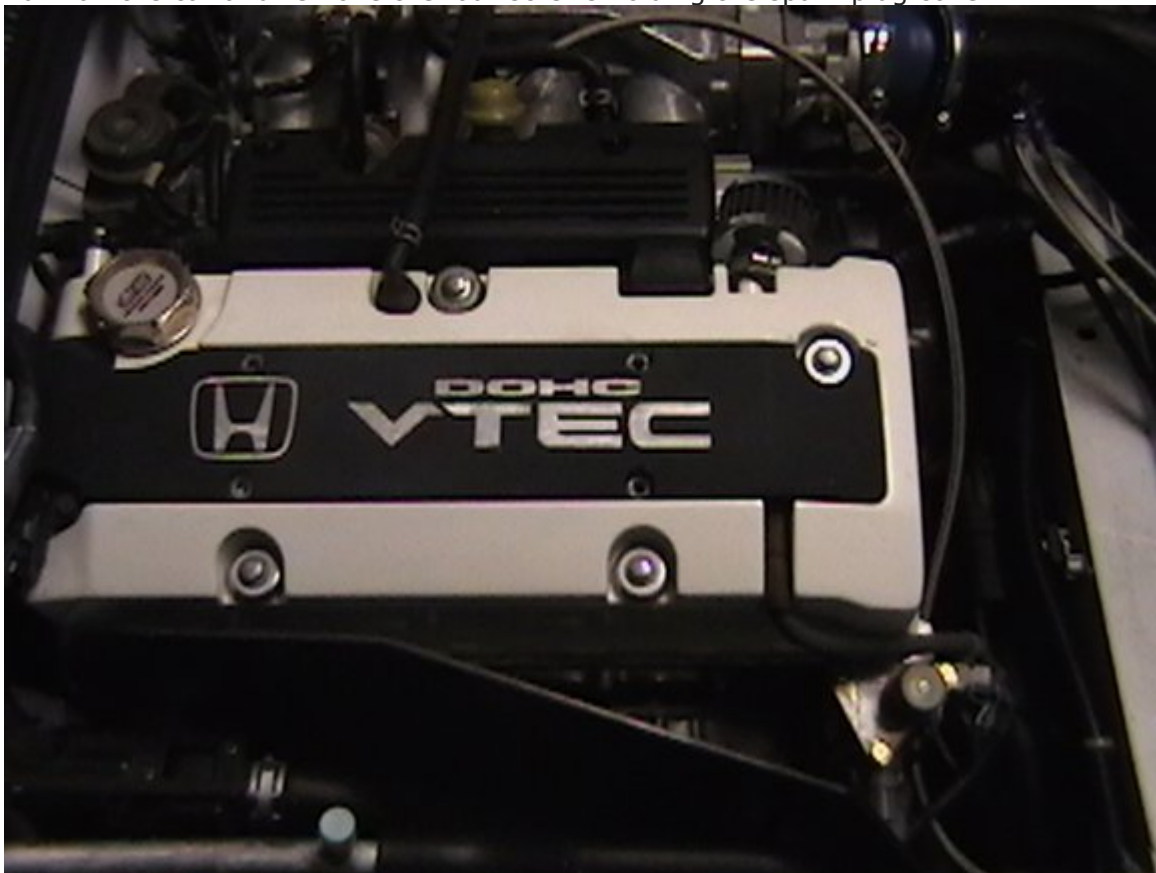
I was doing a compression test on my car today and decided to do a DIY for everybody!

You will need: Torque Wrench, 10mm socket, spark plug socket, socket extension, compression tester(about \$25 from any auto store), allen wrench(not sure what size, its to take of the screws on the spark plug cover...i think M6)

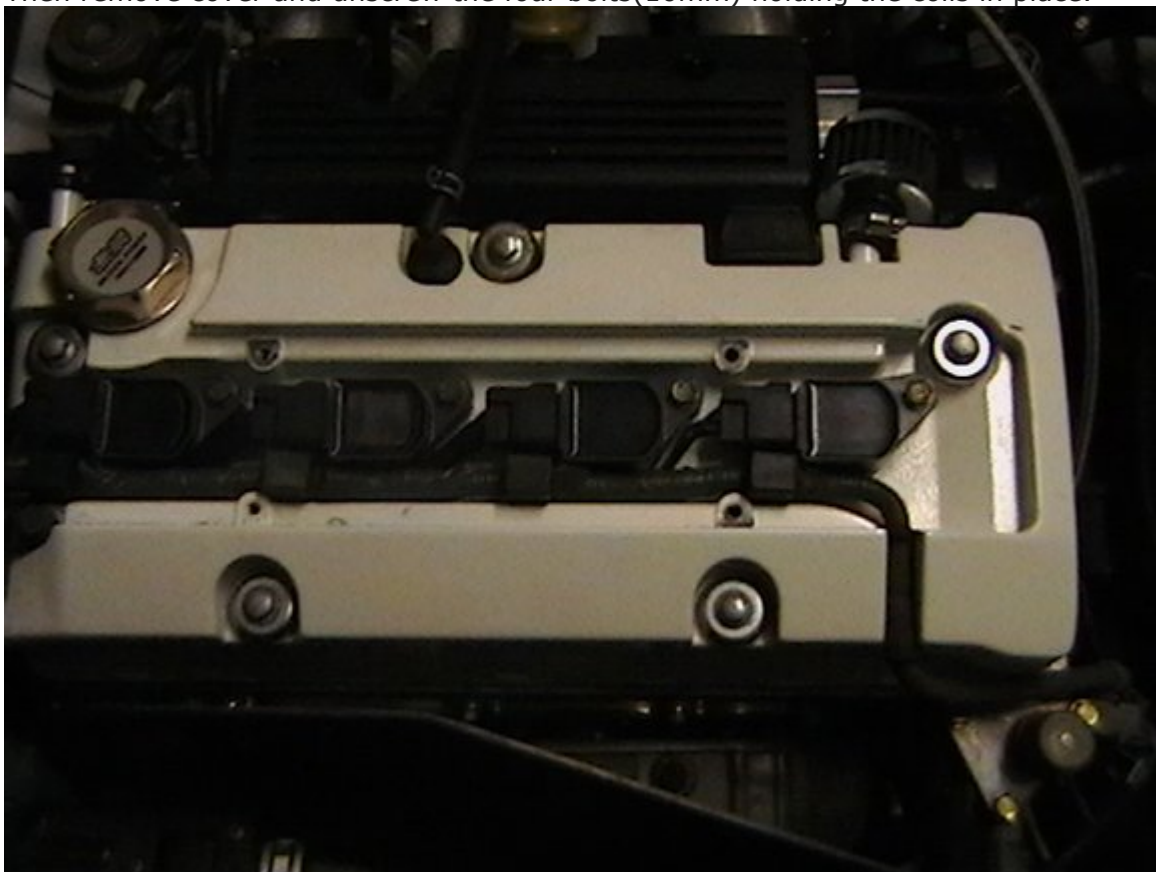


Start the car and **warm it up before beginning.**

Turn off the car and remove the four screws holding the spark plug cover!



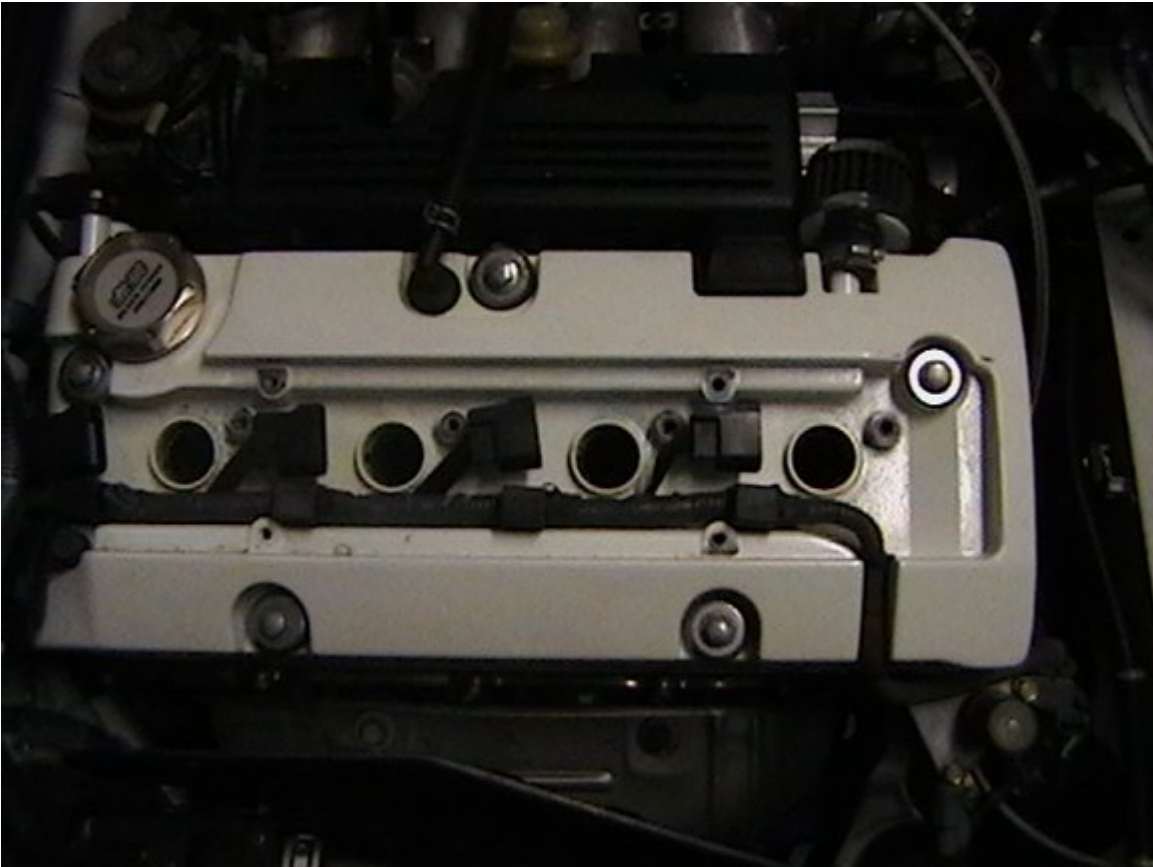
Then remove cover and unscrew the four bolts(10mm) holding the coils in place.



Unclip the clips that are on the coils.



Remove the four coils.



Now go remove the fuel pump fuse!



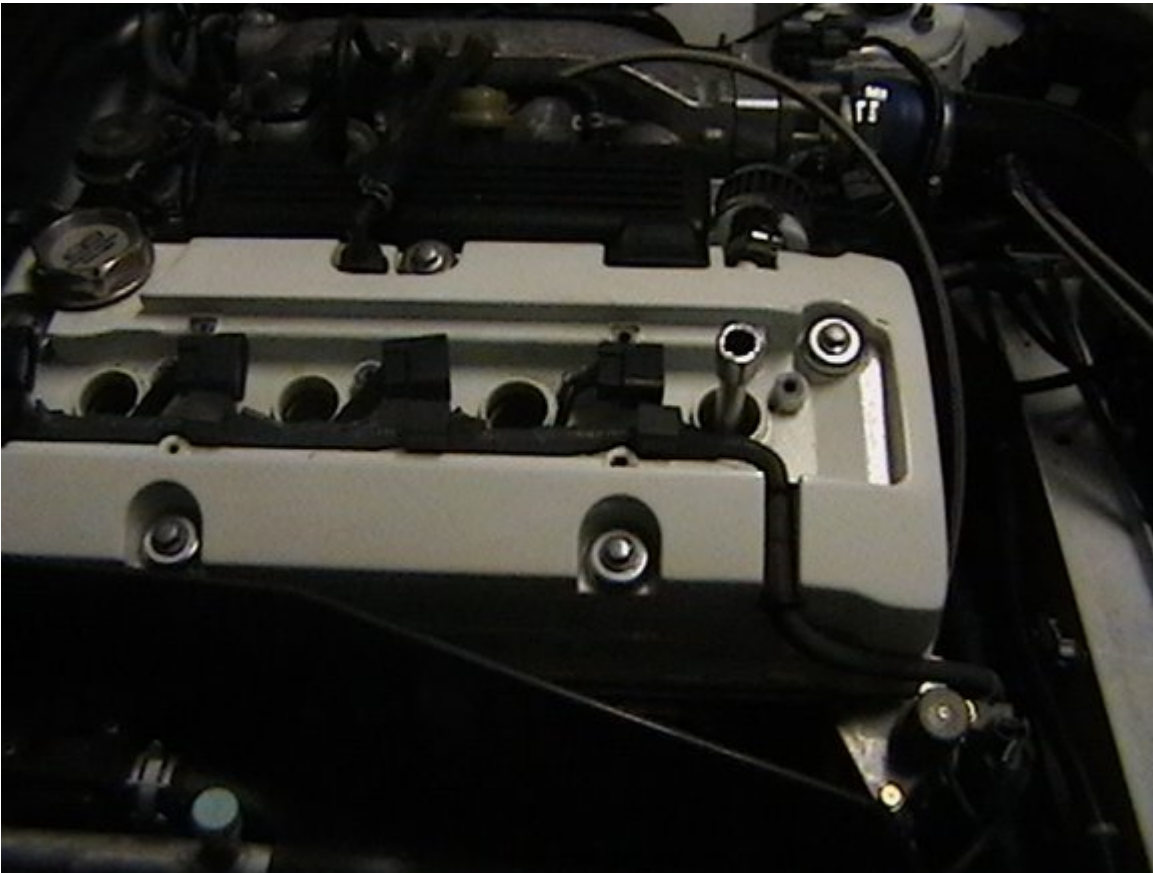
10A	15A	7.5A	7.5A	INSTRUMENT LIGHT	20A	POWER WINDOW-AS
				BACK UP LIGHT		
				IGN COIL		POWER WINDOW-DR
				ENGINE START		
				FUEL PUMP		
				SRS		
				SRS		

**ALWAYS REPLACE WITH A  
NEW FUSE OF THE SAME  
AMPERAGE RATING.**



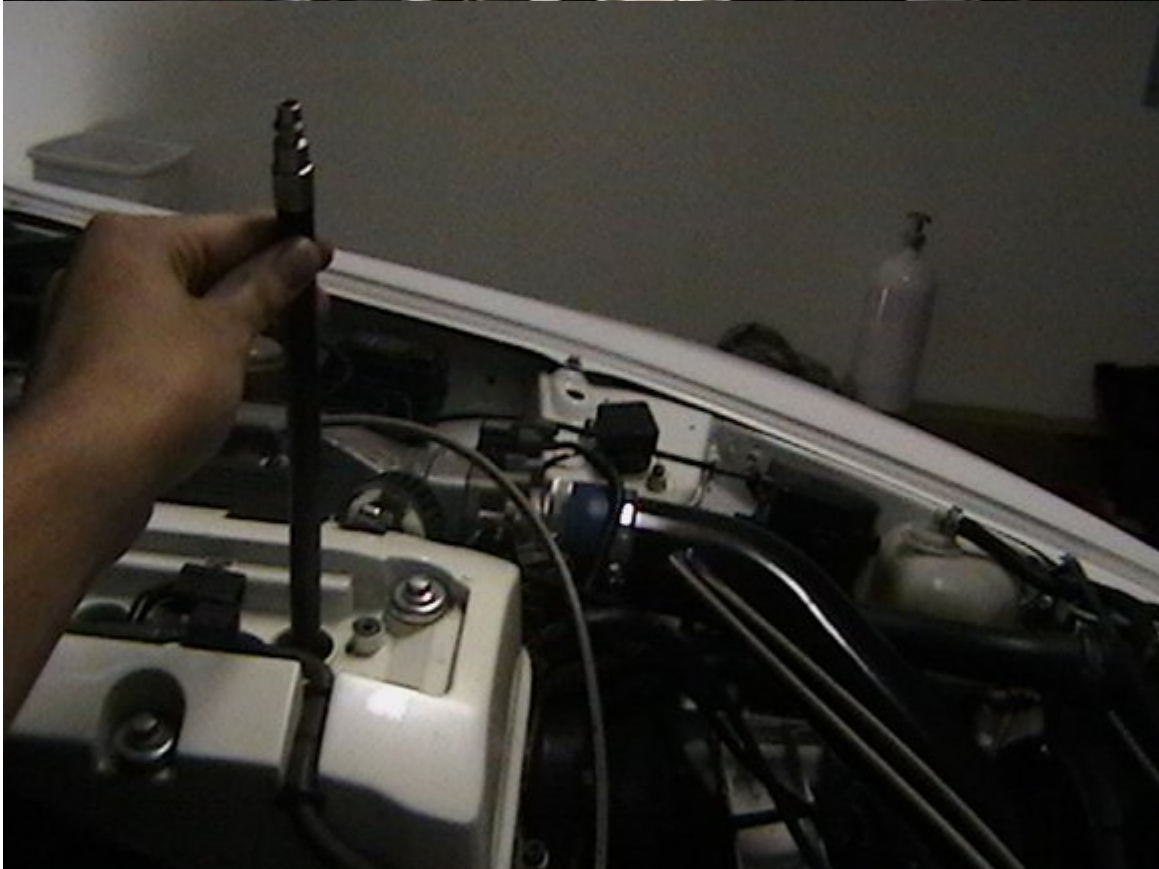


Remove all the spark plugs.

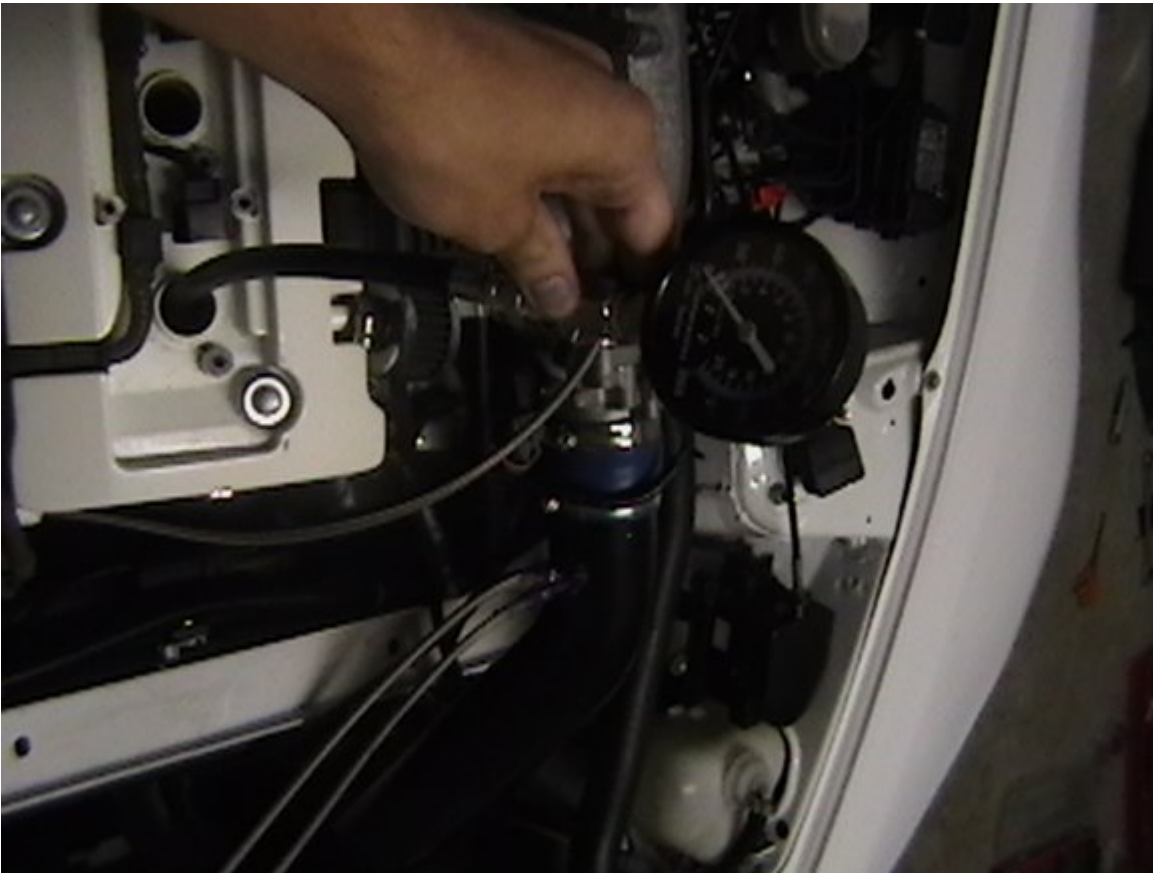


Screw on the tube that comes with the compression tester on the cylinder you want to test.





Then add the gauge.

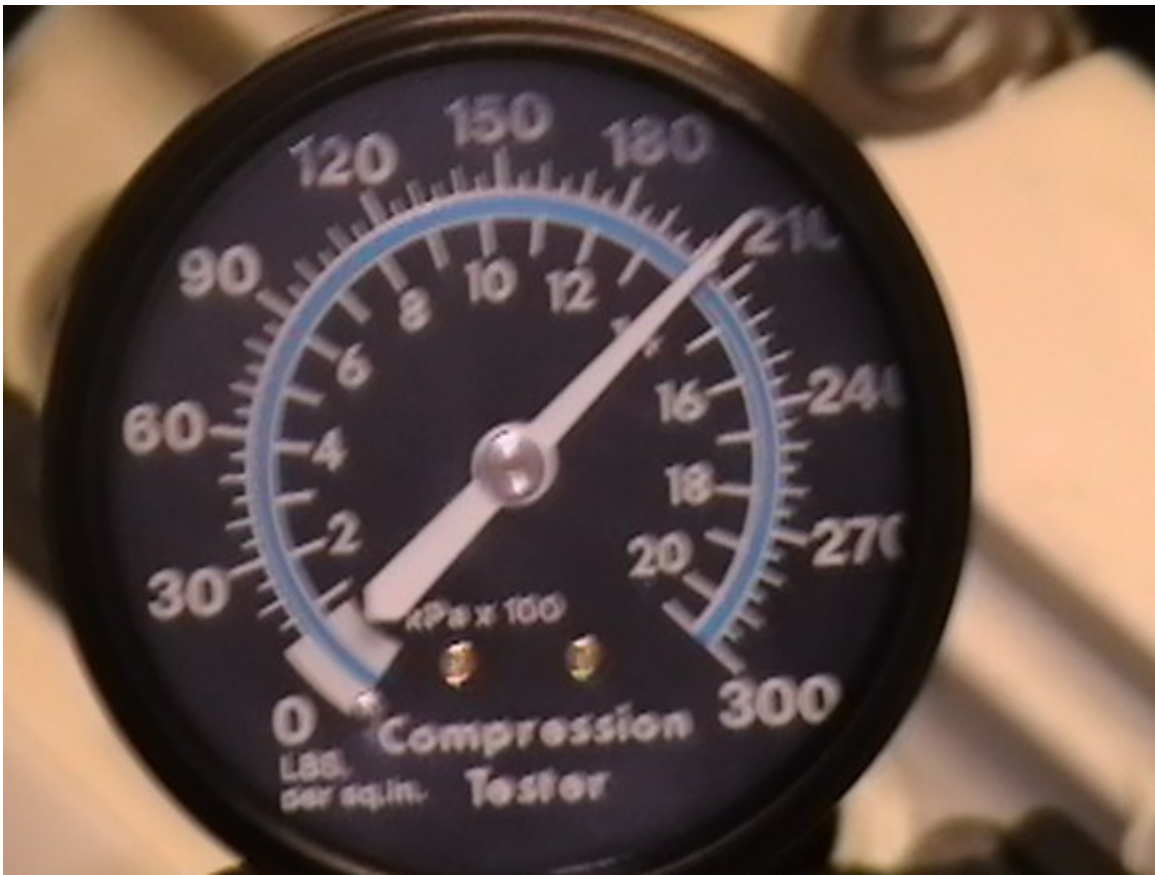


Go inside the car and let it crank 8-9 times while pushing the gas pedal all the way to the floor.

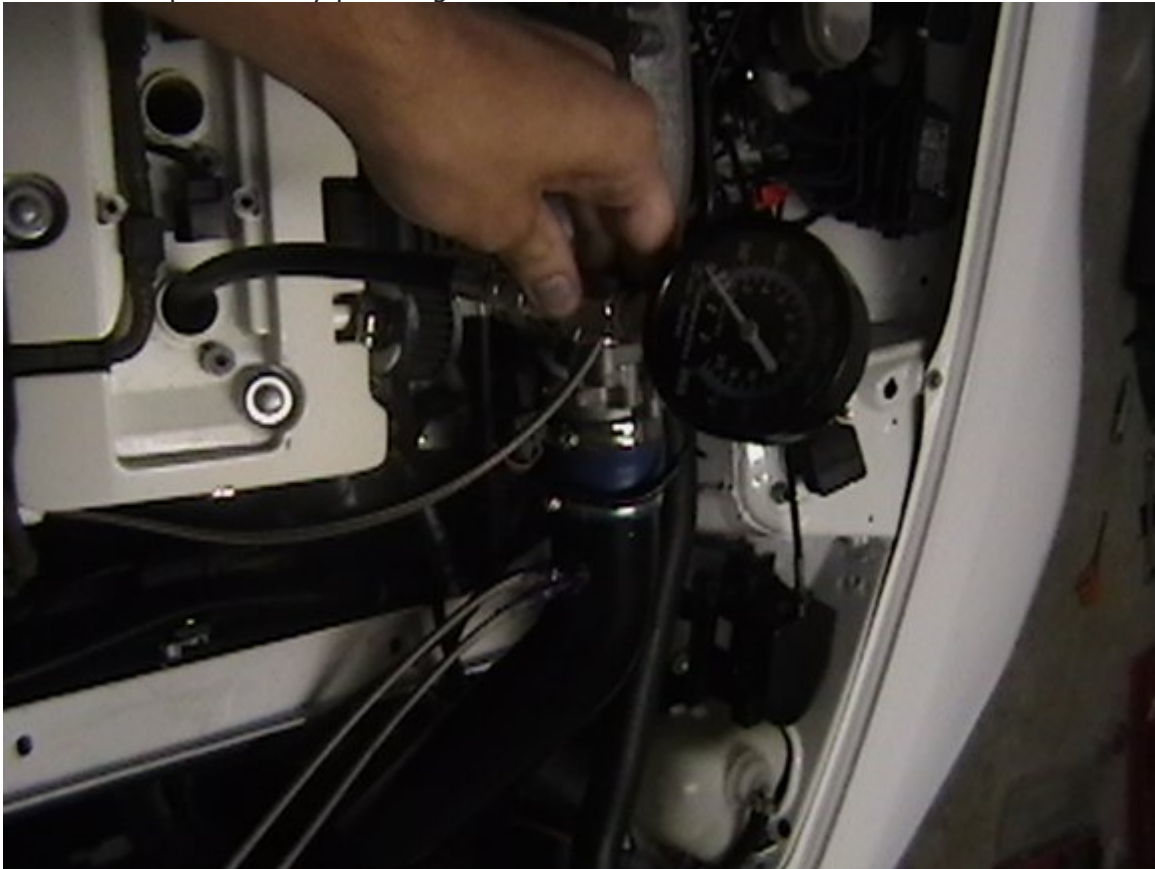




Now go check the guage.



Release the pressure by pressing the button on the side of the tester.



I do this three times to get an average reading.(You dont have to if you dont want to)







Now write down that number for the cylinder.

Repeat for the next cylinder!

After you have done all four, you are almost done.

Put the spark plugs back into the motor.

Make sure all spark plugs are torqued correctly.

Spark plugs are torqued to 18ft/lbs.

Replace the coils. Connect the clips and make sure you hear a "CLICK" when putting them on.

Torque the coil bolts to 7 ft/lbs.

Replace your plug cover and screws.

Now go put the fuse back in!

You are now done! 😊



## Reading the results

People say 240 is what compression is supposed to be, but look more for consistency than a higher number! If you get 220 215 218 220, then you are fine! Its not 240, but your numbers are all pretty close to 220 which means you are fine because you have pretty consistent numbers! But if you get 220 215 180 220 then you will know that there is something wrong in #3 bc it is a lot lower than the rest of them!

Hope this helps yall out!  
Fadi