

HOW-TO: Change coil pack and spark plugs on EW10J4 engine

My Coupe showed an anti-pollution fault and checking with PP2000 brought up a sporadic misfiring on cylinder 1.

I changed the spark plugs and the car threw the fault up again.

Next I got a new coil pack:



It is a BERU Germany coil pack and was about 120€ (the cheapest I could find).

As spark plugs, I used NGK plugs as they have a great reputation over here, in fact a better one than BOSCH ones. When I changed mine I noticed the previous owner also used NGK plugs and they still looked great (and I hadn't changed them when I got the car one year ago). – They were about 25€ delivered.



First of all, I strongly recommend a diag session with PP2000 to clear the faults to make sure they are “new” if they should be coming up again after you changed spark plugs and coil pack.



Now open the bonnet and use a flat screwdriver to undo the engine cover. You need to turn the plastic clips by 90° to release the cover.

Then undo the electrical connector of the coil pack:



It has a plastic “nose” you have to lift (towards the front of the car), then pull it off! Came off very easy on mine.

Next thing to do is removing the 3 screws holding the coil pack in place. The nut size should be 8:





The three undone screws:

Now you can reach the spark plugs:



The sit pretty deep so you'll need a long nut extension or similar to reach them properly. Best to have a small magnet to get them out without hassle.

I used this construction (there's a spare spark plug to show you how long the whole has to be to reach them :



Not much space to move here!

Well, refitting is the opposite of removal. Overall an easy job and worth saving money by doing it yourself!

One happy Coupe again 😊



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