



# Replacing Citroen C1 Spark Plugs

This guide will allow you to remove the set of...

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## INTRODUCTION

This guide will allow you to remove the set of three spark plugs in your Citroen C1 | 1.0 gasoline engine, to clean or replace them.

Cleaning the spark plugs is recommended when a warm start is difficult, or braking appears unstable. A fouled spark plug can result in a weaker spark or even no spark at all.

The lifespan of a sparkplug varies between 30,000 to 60,000 km (18,640 to 37,280 miles), depending on the brand and use of the vehicle.

This guide is equally valuable for Peugeot 107 and Toyota Aygo vehicles, which use the same platform and the same 1.0 VTi gasoline engine, 68hp.

### TOOLS:

[clé à bougie, douille 16](#) (1)  
[kit entretien bougie](#) (1)  
[Clé à douille](#) (1)  
[Douille 10mm](#) (1)  
[Nettoyant contact](#) (1)

### PARTS:

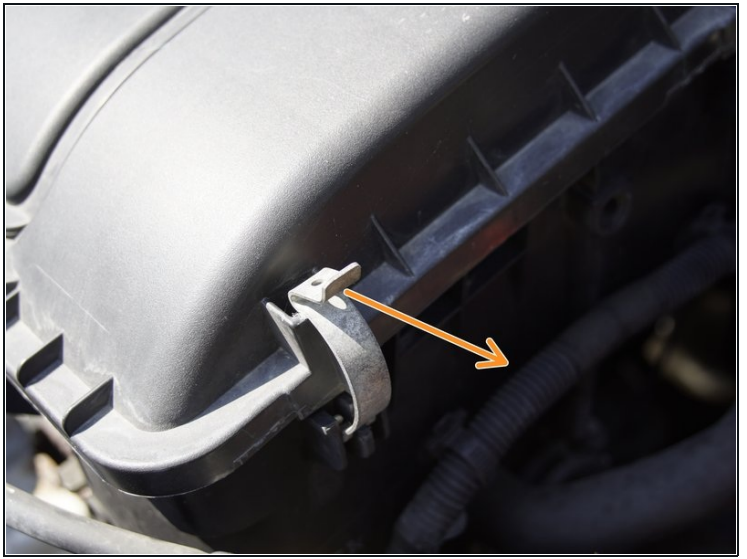
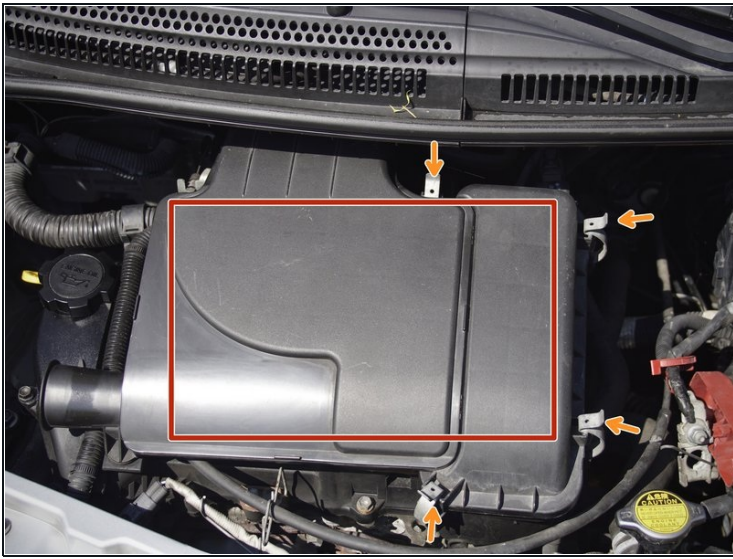
[Bougie d'allumage](#) (1)

## Step 1 — Introduction



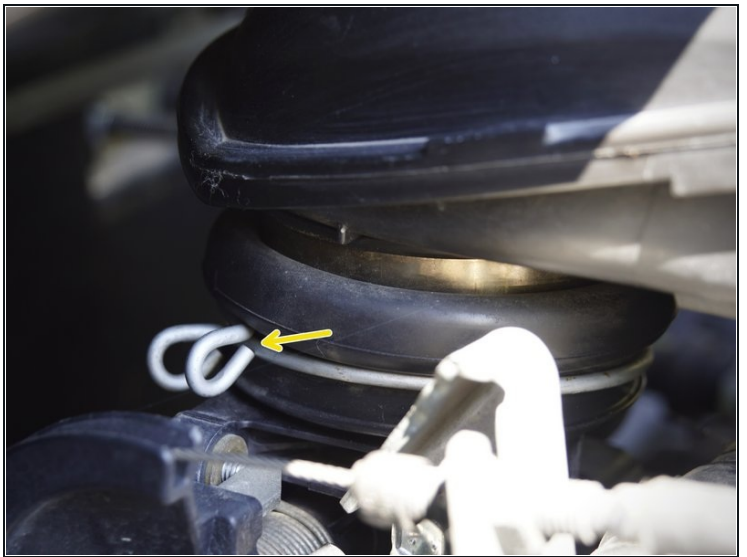
- Open the engine hood of your C1, pulling the controller located below and to the left of the steering wheel.
- Disconnect the battery.

## Step 2 — Remove the air filter box 1



- Identify the air filter box.
- Pull back the hooks to detach the air filter box.

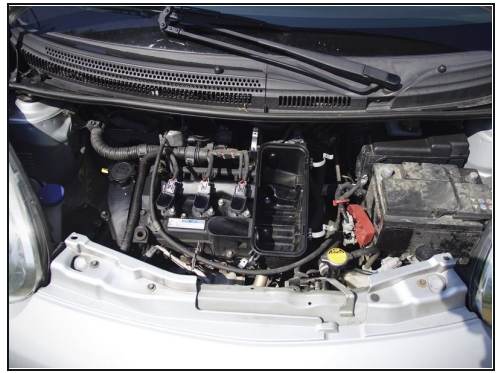
## Step 3 — Remove the air filter box 2



- Loosen the clamp and move it up to free the sleeve.
- Loosen the air intake pipe clamp.

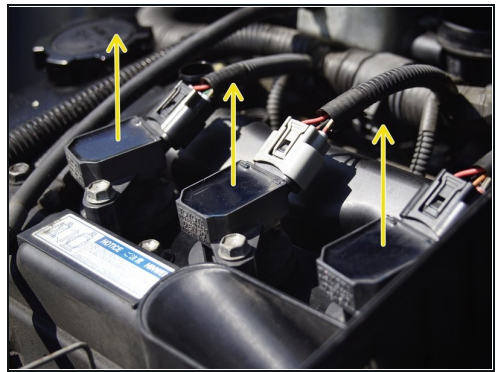
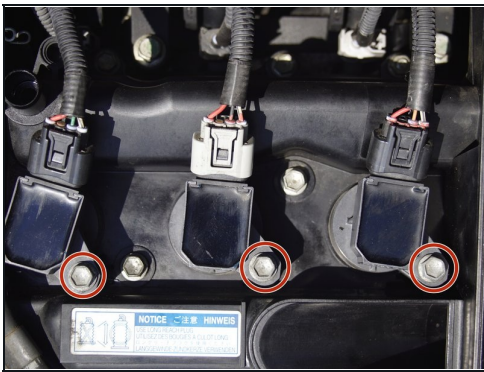
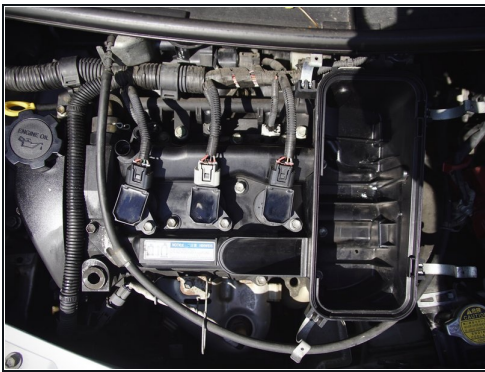


## Step 4 — Remove the air filter box 3



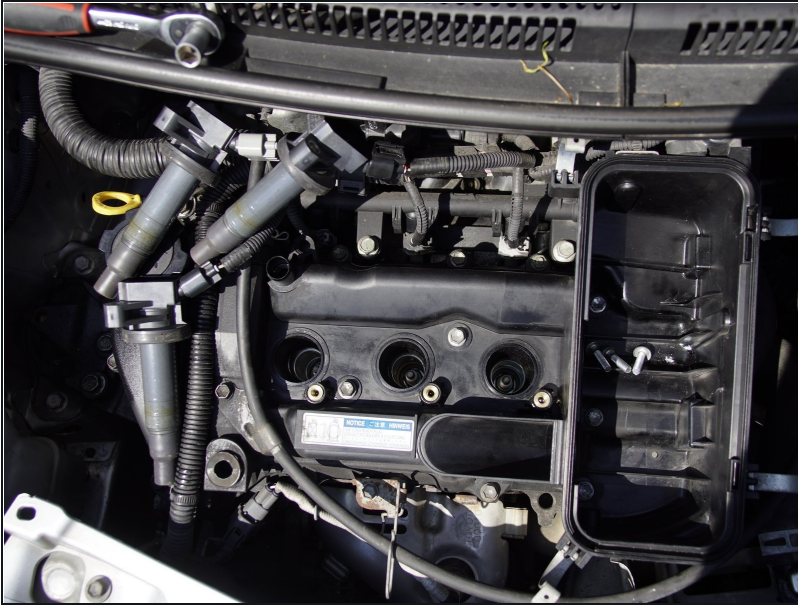
- You can now remove the air filter box.

## Step 5 — Remove the ignition coils



- Unscrew the three bolts of the ignition coils with the help of a 10mm 6-point socket.
- Remove the three ignition coils by pulling them upwards.

## Step 6



- ① You can choose to unplug each ignition coil connector and place them on a workbench (taking care to identify each coil), or leave the coils plugged in and stored to the left and above the engine.

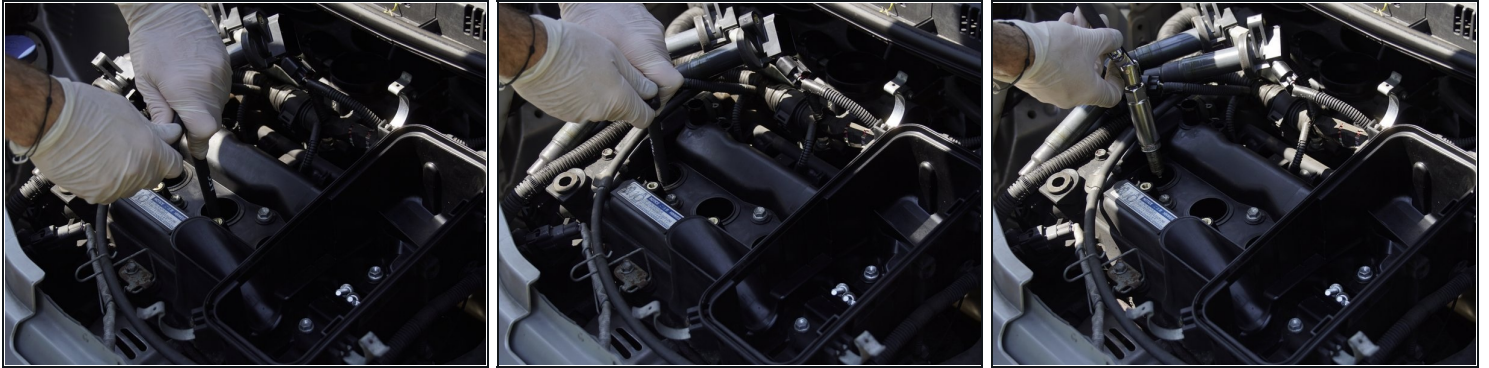
## Step 7 — Remove the spark plugs



- Grab a spark plug wrench (size 16mm)
- Insert the wrench into the first spark plug chamber, until you reach the bolt.
  - ① Certain spark plug wrench are equipped with a rubber joint to help with extracting the spark plug. It is therefore necessary to apply light pressure to correctly reach the spark plug's bolt.
- Unscrew the first spark plug, then remove it from its chamber.



## Step 8 — Remove the spark plugs



- Continue in the same manner for second and third spark plugs.

## Step 9 — Clean and replace the spark plugs



- You can now proceed to clean or replace the spark plugs.
- ⓘ The cleaning of a spark plug can be done with contact cleaner and a brass brush.
- To reinstall the spark plugs, repeat this procedure in reverse.

⚠ When reinstalling, be sure to rest the spark plug as straight as possible, to align the thread axes of each spark plug. The recommended tightening torque is 29Nm (21.4 lbft)

To reassemble your vehicle, follow the instructions in reverse order.