

3.2 CHECK SPARKING-PLUGS

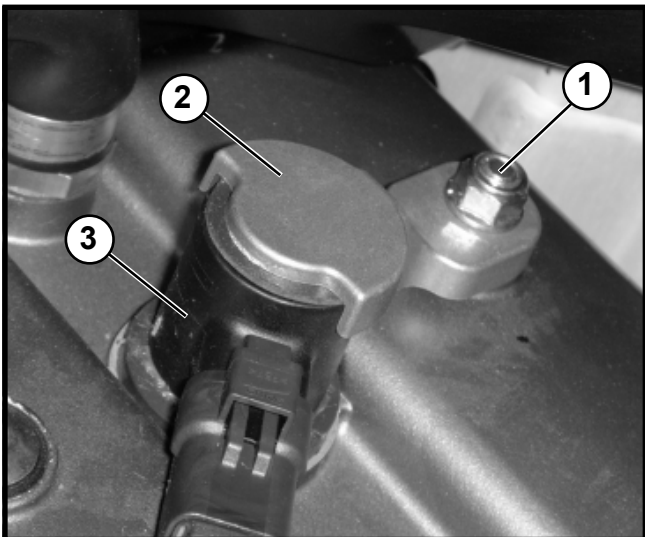


WARNING:
Changing and checking the sparking-plugs must be carried out with the engine cold.

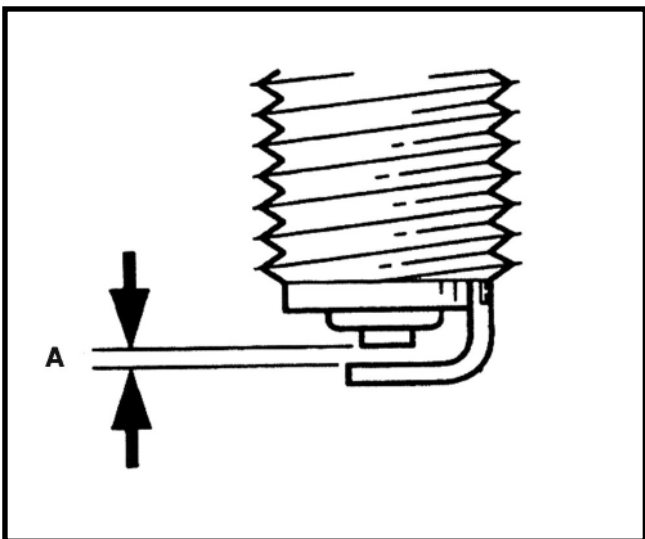
Remove the petrol tank (see "DISMANTLE TANK").
Remove the air box (see "DISMANTLE AIR BOX").
Remove the resonator.



WARNING:
Clean the dirt around the sparking-plugs before removing them.



Loosen and remove the nut (1).
Remove the coil support rod (2), Slip off the coil.
Remove the sparking-plugs beneath.



Sight check the state of the sparking-plugs:

- the isolator must not show any damage
- the electrodes must not be worn out
- the candles must not be burned or discoloured

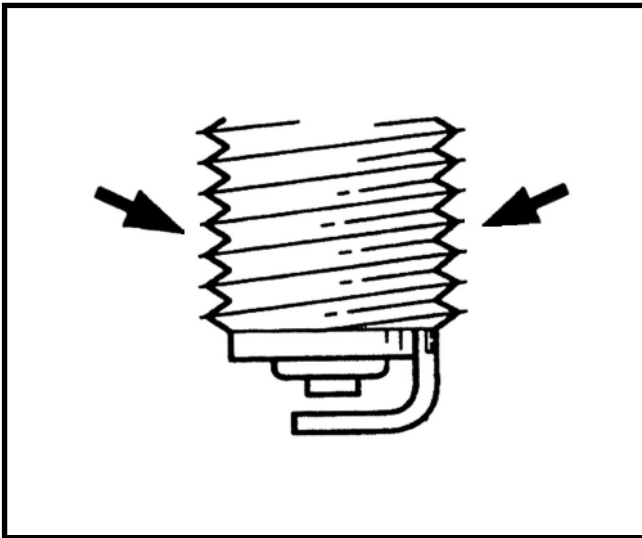
If the electrodes are contaminated with dirt deposits or rubble, replace the candle.

Replace the candle if the central electrode is rounded.

Check the distance (A) between the central and side electrodes with a thickness gauge.



SPECIFIC VALUE
DISTANCE (A) = 0.7 - 0.8 mm



3.2.1 INSTALLING SPARK-PLUGS



Oil the sparking-plug threading, position it in its proper seat and tighten it.

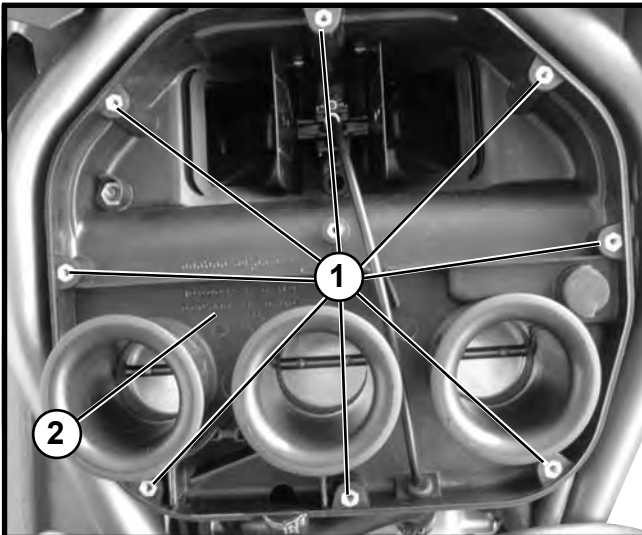
Install the candles on the cylinder head manually screwing them on until you reach the basis, then tighten to the indicated torque.



12 N·m 1,2 Kg-m

NOTE:

spark-plugs advised: CHAMPION RG4HC or NGK CR9E



3.3 CLEAN AIR BOX

Remove the tank.

Loosen and remove the eight screws (1) around the air box and the central screw.

Remove the air box cover (2).



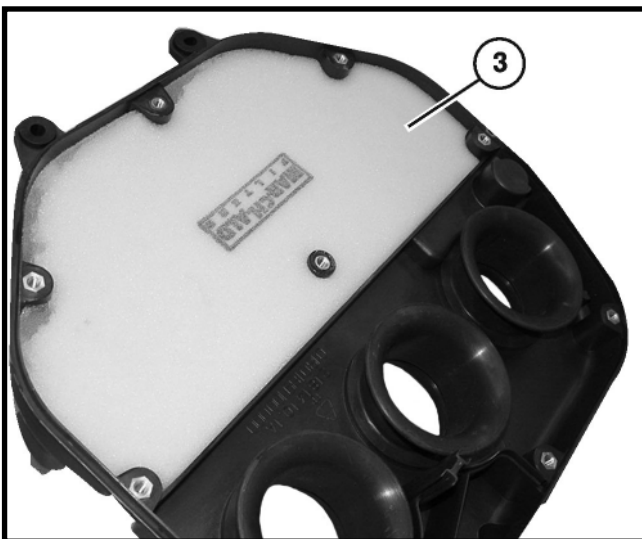
ATTENTION:

If driving on dusty roads, the filtering element must be cleaned often. Using the engine without filter or with a broken filtering element is the surest way of accelerating wear on the engine itself. Make sure that the air filter is always in a good condition. The duration of the engine depends in large part on this component.



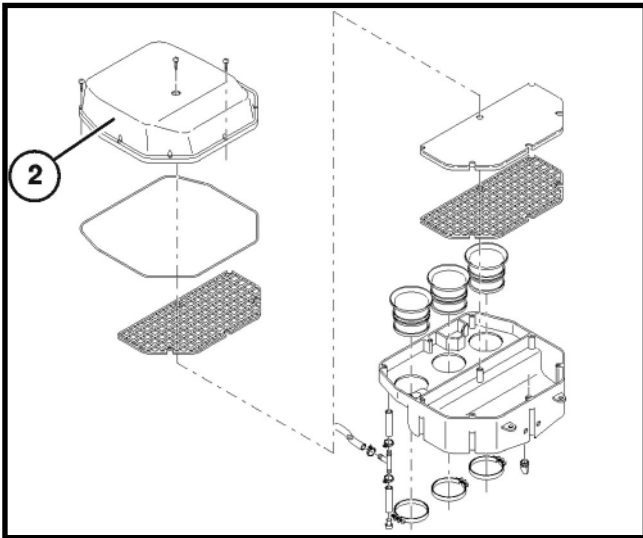
ATTENTION:

To avoid the risk of fire or explosion do not use petrol or inflammable solvents in cleaning the filtering element inside the filter box.



Remove the filtering element (3) situated inside the filter box. Wash the filtering element with solvents specific for this use and leave it to dry in the open air.

Apply a specific oil to the entire surface of the filtering element.



NOTE:

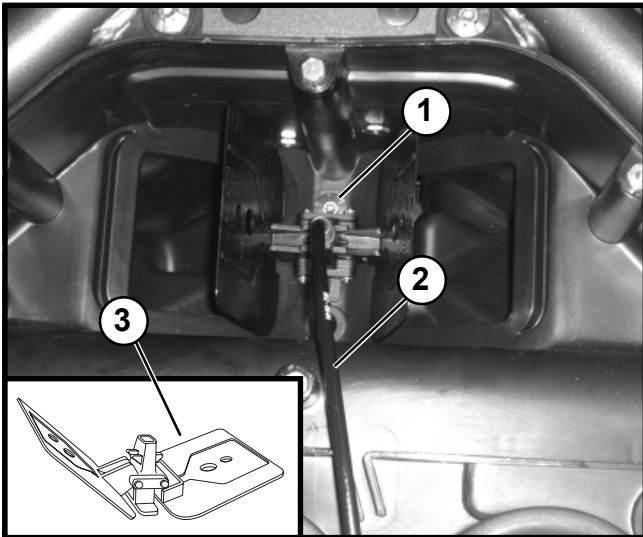
Check that the filtering element is always positioned with its side of major density turned upwards.



ATTENTION:

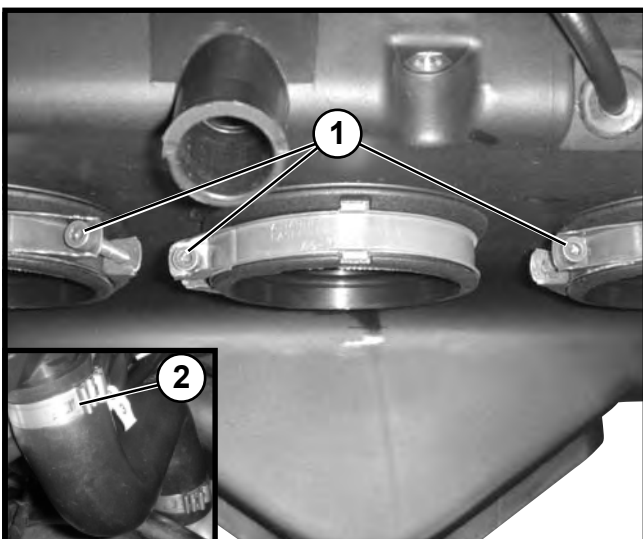
Before re-inserting the filtering element into the air box, eliminate excess oil by squeezing the element and checking that it is not dripping.

Reposition the filtering element inside the air box
Position the air box cover (2) and fix it with the nine screws.
Mount the tank (see "MOUNT TANK").

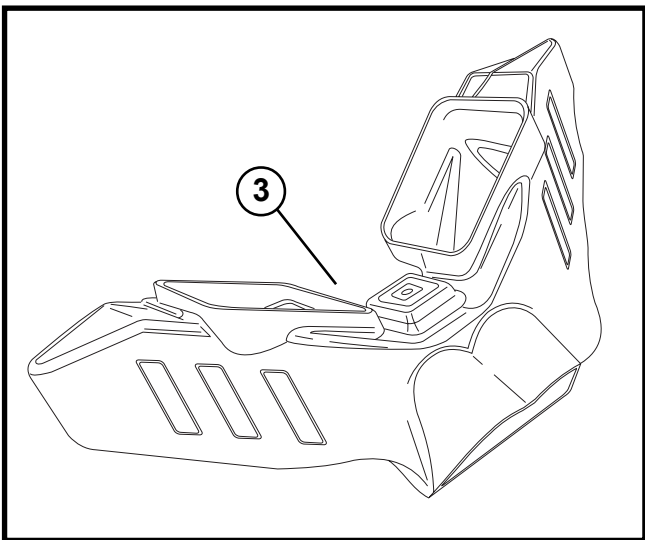


3.3.1 REMOVAL OF AIR BOX THROTTLE VALVE AND AIR BOX DUCT

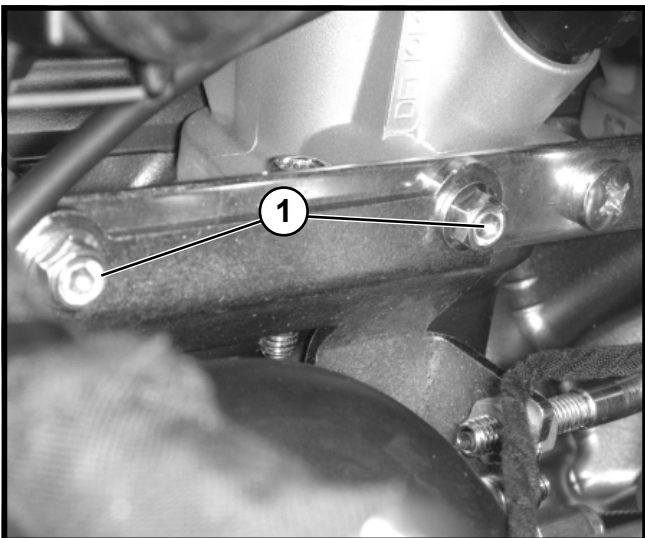
Remove the throttle valve fixing screw (1).
Take off the recall cable (2) from the throttle.
Check visually the free run of the paddles (3).



Loosen the screws of the clamps (1) on the throttle bodies.
Take off the elastic clamp (2) take off the pipe

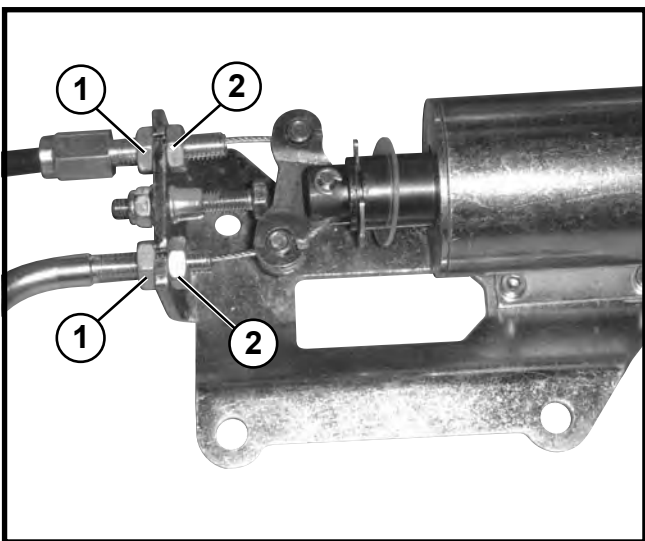


Take off the Air Box base disconnect the air sensor connector below it. Remove the Air Box air duct (3). Check the state of the components visually, if necessary replace them.



3.3.2 SOLENOID MOTOR REMOVAL

Remove the petrol tank. Loosen and remove the fixing screws (1).



Loosen the nut (1) and the lock nut (2). Take off the recall cables, take off the connector, remove the solenoid.