How to replace the spark plugs on your smart fortwo

REPLACE THE IGNITION COILS

The replacement of the spark plugs involves first removing the ignition coils.

1 / Remove key from the ignition.
2 / Pull up rear carpet and remove engine cover.
3 / Unclip electrical connector (item 1) at respective ignition coil and disconnect.
4 / Remove the screw (item 2) at the respective ignition coil.
5 / Remove the ignition coil (items T1/1, T1/2, T1/3).

FIGURE A - ENGINE COMPARTMENT

KEY

1. Electrical Connector
2. Screw
T 1/1. Ignition Coil Cylinder 1
T 1/2. Ignition Coil Cylinder 2
T 1/3. Ignition Coil Cylinder 3
Spark Plugs

REPLACE THE SPARK PLUGS

1 / Unscrew spark plug (item R4).
2 / Check and if necessary adjust spark plug gap. The spark plug gap is 0.035 in.
3 / Install new spark plugs being careful not to cross thread.
   (Tip - spark plugs should be hand started)
4 / Install all removed parts in reverse order.

FIGURE B - SPARK PLUGS

KEY

R4_ Spark Plugs

ADDITIONAL INFORMATION

• The spark plugs should be replaced every 3 years or 30,000 miles -- whichever comes first.
• The torque specification for the spark plug is 13 ft/lb.
• Be sure the spark plugs are gapped to smart specifications. The correct spark plug gap is 0.035 in.
• A worn spark plug can cause poor fuel mileage and damage your engine, which can reduce its life.
• Genuine smart parts will maximize your vehicle’s performance.
• For further assistance, contact your nearest smart center.
• Find a smart center near you by going to www.smartusa.com