

## Spark Plugs

### How-To replace the spark plugs on your smart fortwo

#### REMOVE 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

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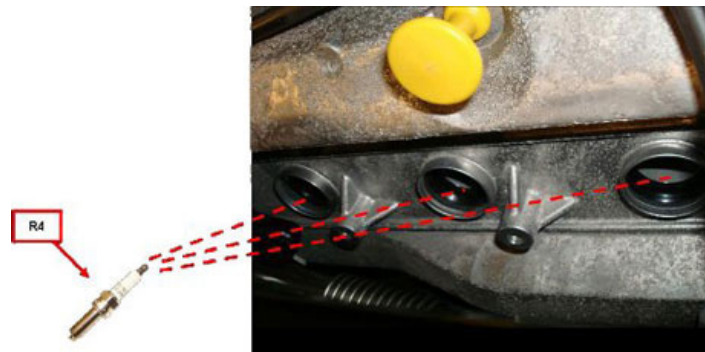
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### REPLACE THE SPARK PLUGS

- 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.

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FIGURE B - SPARK PLUGS



KEY

R4\_ Spark Plugs

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### 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](http://www.smartusa.com)