

Technical Bulletin

Model
911C2/C4

Group
2

Subject: Spark Plug Connector and
Spark Plug Removal

Part Identifier
2853/2870

Number
9001

ATTENTION Service Manager/Service Technician

Models Affected: 911 Carrera 2/4

Concern: Damaged spark plug connectors and/or spark plugs will cause engine performance problems and/or false warning light operation.

Repair Information:

A. Spark Plug Connector Removal and Installation.

In some cases force has to be applied to pull off the spark plug connectors. Use special tool 9513 (order No. 000 721 951 30) to pull the connectors. Do not pull or pry the connectors off at an angle or the connector insert could break. Connectors must be inspected for breaks after removal.

When installing, make sure that the spark plug connector is properly engaged on the spark plug. Loose spark plug connectors could influence the function of control units in the car.

B. Spark Plug Removal and Installation.

Spark plug socket wrench (16 mm/5/8 inch) with inner rubber liner (Snap-On S9706 or similar) must be used to remove and install spark plugs. **Do not** use magnetic socket wrenches. These can cause breaks at the ceramic spark plug insulator (sometimes not easily visible) causing engine performance problems and/or false warning light operation.

Also refer to Technical Bulletin Group 2, Number 8906 dated October 6, 1989.



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Affix the supplied sticker as shown to 911 Carrera 2/4 Workshop Manual, Volume 1, Page 03-11.

Spark plug socket wrench with inner rubber liner must be used to remove and install spark plugs. A plug wrench is also included in the on-board tool set.

911 Carrera 4

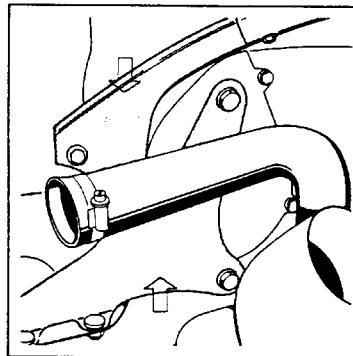
Maintenance

03

V-belts for the power steering pump:

Check condition

1. Remove the engine guard.
2. Undo the final-muffler bracket and remove from the final muffler and engine. Remove the left-hand top engine cover panel and the toothed-belt guard.



3. Check the toothed belt for wear and damage by cranking the engine. The belt tension is not adjustable.

Replacing spark plugs:

Unscrew the spark plugs with a standard wrench socket (magnetic, e.g. Hazet 880 AMg T 16. A plug wrench is also included in the on-board tool set.

Replacing the spark plugs for the upper ignition circuit

1. Remove the heating blower
2. Remove the air-filter cover and filter insert

Replacing the spark plugs for the lower ignition circuit

1. On vehicles with catalytic converter, separate the plug connection for the Lambda probe, removing the hot-air blower beforehand.
2. Push the probe cable with rubber grommet downwards through the left-hand side engine paneling.
3. Remove the exhaust system complete (separating point downstream of catalytic converter)
4. Remove the side engine encapsulation panels.

146/03

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SERVICE

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