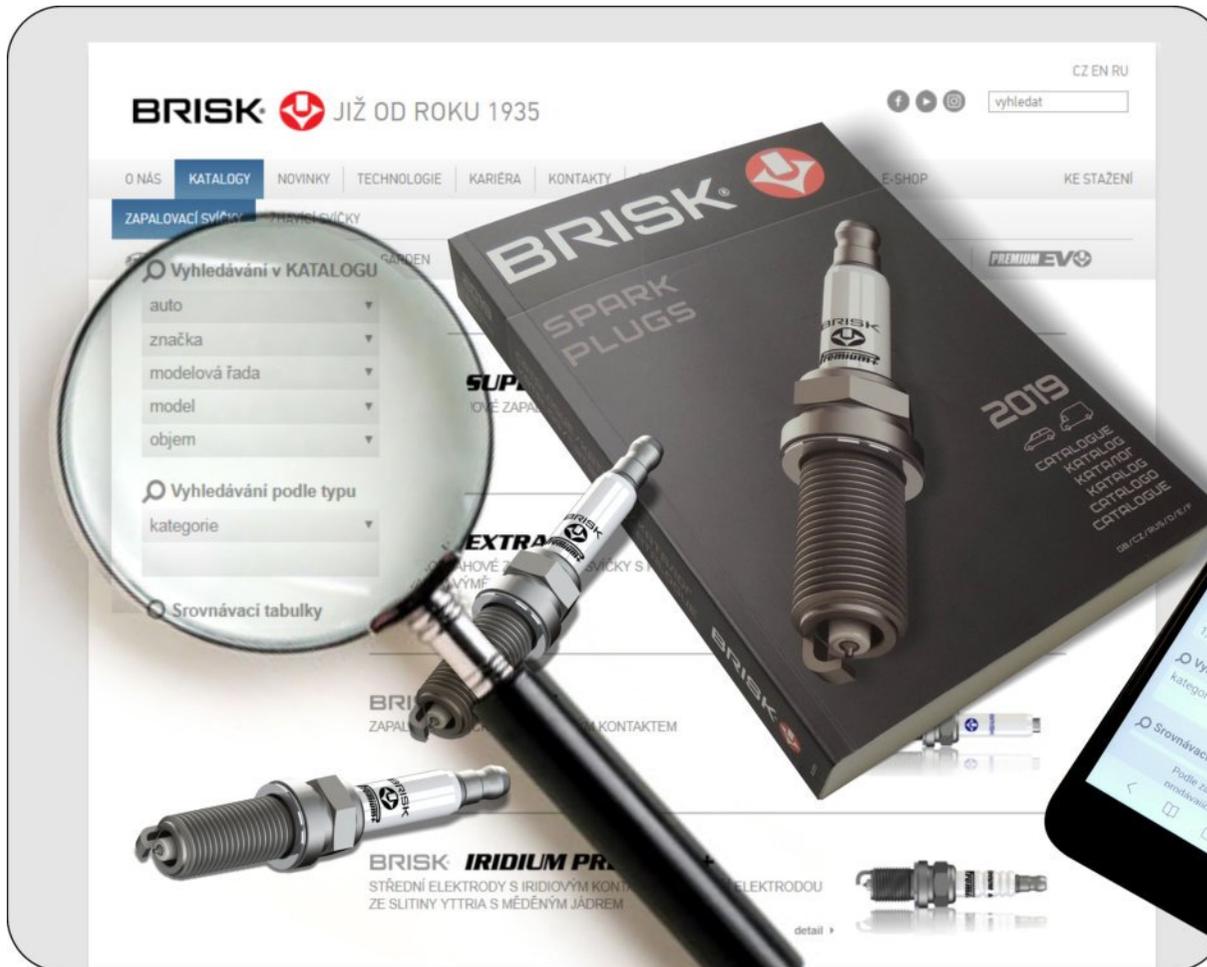


# PROPER INSTALLATION OF SPARK PLUGS



## SELECTION OF SPARK PLUG



Source of information for the correct installation:

- a) Catalogue - website: [www.brisk.eu](http://www.brisk.eu)
- b) Printed BRISK Catalogue
- c) TecDoc



CHECK BEFORE INSTALLATION IF YOU ARE USING THE CORRECT TYPE OF SPARK PLUG FOR THE GIVEN TYPE OF ENGINE

# PROPER INSTALLATION OF SPARK PLUGS

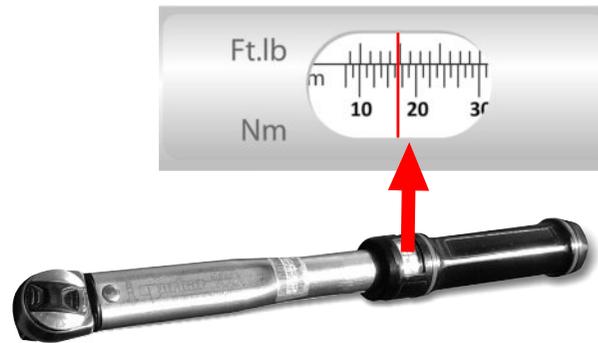


## TIGHTENING TORQUE

DO NOT LUBRICATE THREAD BEFORE INSTALLATION!

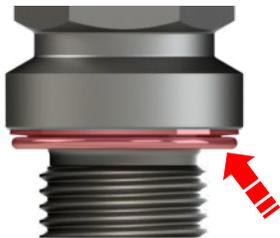


USE A TORQUE WRENCH FOR INSTALLATION OF SPARK PLUGS

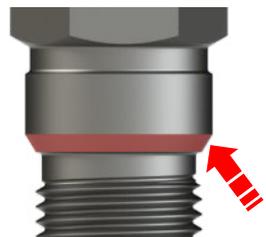


It is necessary to observe thoroughly the specified tightening torque for installation of the spark plug in the engine. As a result of downsizing the specified tightening torque is lower and lower. It is a must to use a torque wrench and, only if necessary, it is possible to use the alternative solution according to the picture on the packaging.

TIGHTENING TORQUE MUST BE WITHIN TOLERANCIES GIVES IN THE TABLE ABOVE.



Ø M10x1,00	<b>13 Nm</b>	<b>9.5 ft.lbs</b>
Ø M12x1,25	<b>17 Nm</b>	<b>12.5 ft.lbs</b>
Ø M14x1,25	<b>25 Nm</b>	<b>18.5 ft.lbs</b>
Ø M18x1,5	<b>25 Nm</b>	<b>18.5 ft.lbs</b>



Ø M12x1,25	<b>13 Nm</b>	<b>9.5 ft.lbs</b>
Ø M14x1,25	<b>15 Nm</b>	<b>11 ft.lbs</b>
Ø M16x1,5	<b>15 Nm</b>	<b>11 ft.lbs</b>
Ø M18x1,5	<b>25 Nm</b>	<b>18.5 ft.lbs</b>



## INSTALLATION



Check out before installation whether the spark plug is provided with external gasket and whether the external gasket did not stay in the cylinder head from the preceding spark plug after repeated installation (this is not valid for taper seat spark plug).

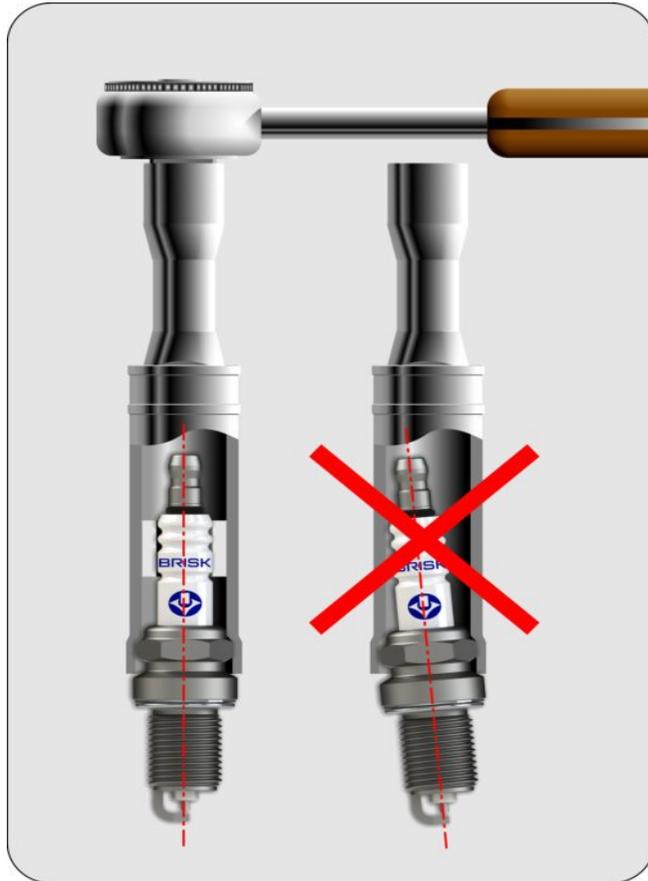


At spark plug installation into and removing from cylinder head it is not allowed to apply force on the insulator.

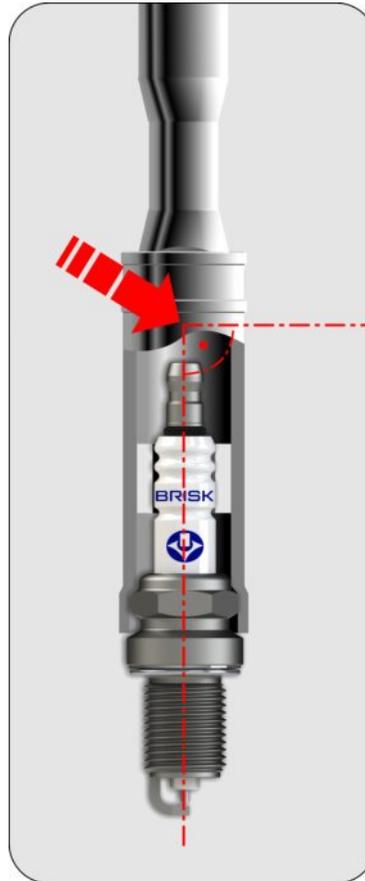
# PROPER INSTALLATION OF SPARK PLUGS



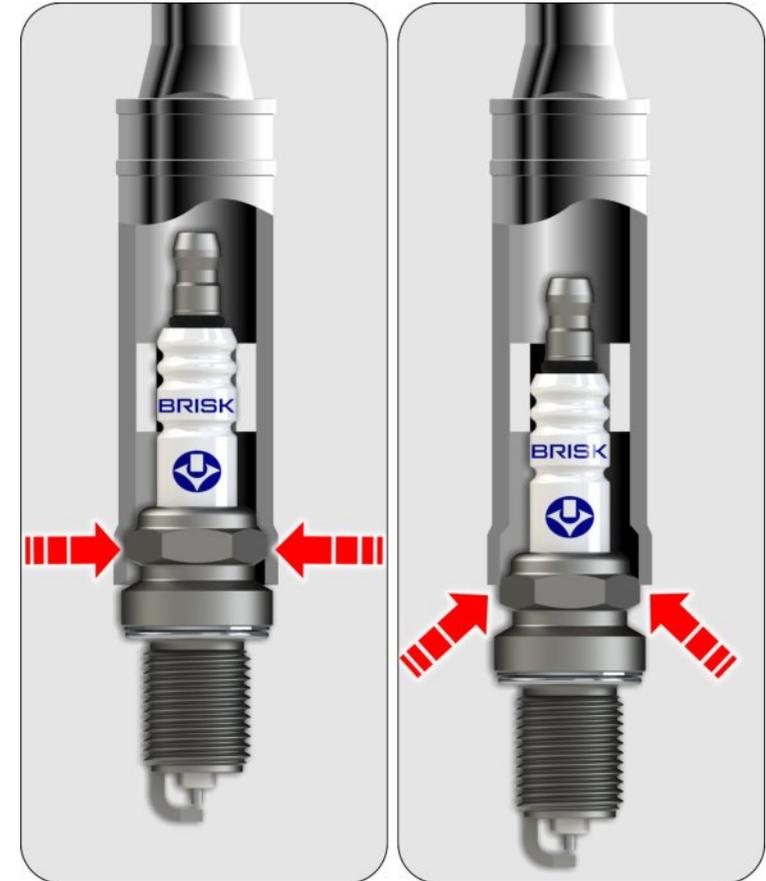
## INSTALLATION



Use always the proper spark plug wrench which is not too loose and is provided with centring ring from soft material.



Tightening torque must be applied perpendicular to the spark plug axis.

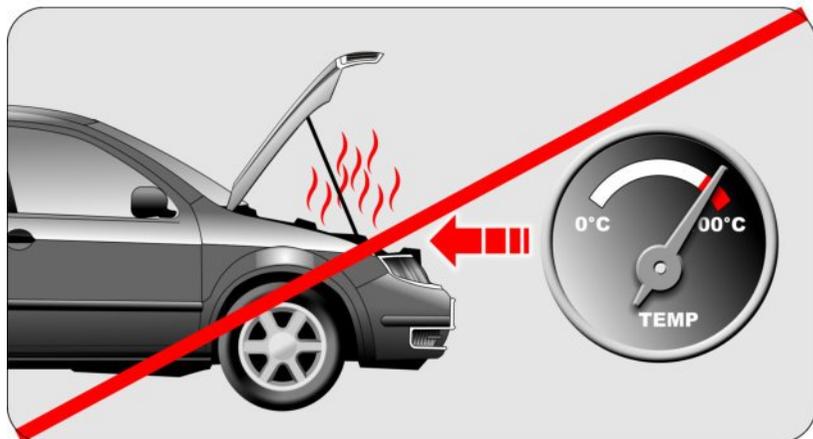
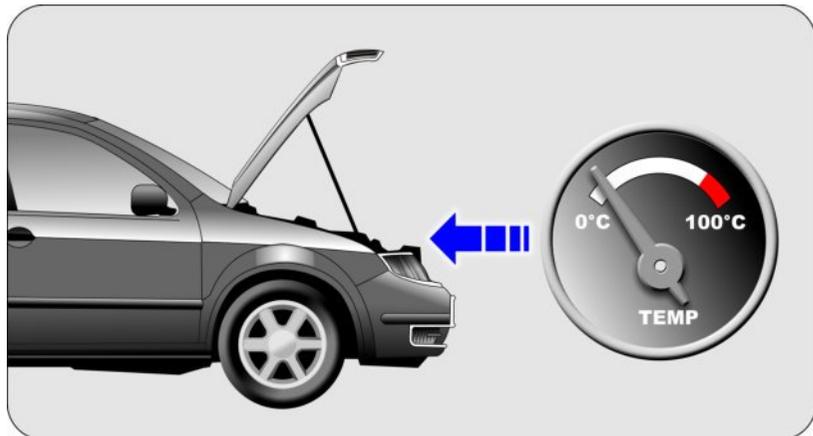


Tightening torque can be applied in such case only when the wrench is put on across the whole length of hexagon of spark plug metall shell.

# PROPER INSTALLATION OF SPARK PLUGS



## INSTALLATION



After spark plug installation check out whether the cable boot are proper fixed to the spark plug.



Spark plugs do not require any maintenance during the replacement interval. Certain level of maintenance is, however, required by the vehicle whose part the spark plugs are. All deficiencies caused by an insufficient vehicle maintenance can be reflected on the spark plug. That is why we recommend, within the framework of prevention, to check the spark plugs at least once a year. Their appearance reflects technical conditions of your vehicle.

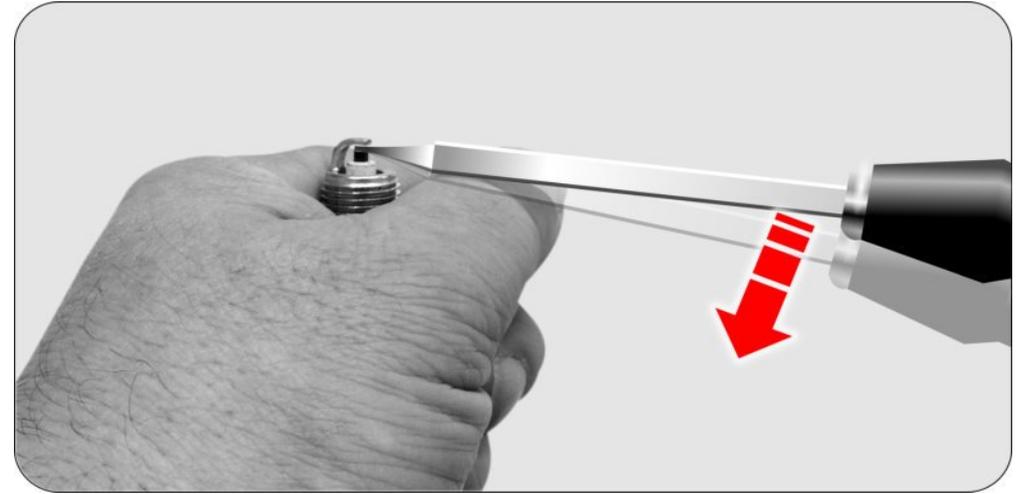
Spark plugs replacement intervals are specified for a maximum mileage performance of the engine in a good technical condition. Therefore never exceed the replacement intervals prescribed for a given type of spark plugs! Possible spark plug replacement before the interval prescribed will not cause any problem.

Spark plug installation and removing from the cylinder head must be carried out only when the engine has ambient temperature. Removing and installing spark plug while hot can actually cause thread and cylinder head damage.

# PROPER INSTALLATION OF SPARK PLUGS



## PROCEDURE TO MODIFY THE ELECTRODE SPACING OF SPARK PLUGS



Using screwdriver (this operation requires a certain skill). Insert the screwdriver between external and central electrode in the axle of external electrode the way the screwdriver touched only external electrode. Lever the external electrode by several tenths of millimetre over the back of thumb.

### IMPORTANT RULES

