

How do I break the NGK code?

If you thought all glow plugs were the same, you'd better think again: on closer inspection, you'll see that glow plugs come in a variety of guises and also differ in terms of properties and constituent materials.

With the standard alpha-numerical code on the NGK glow plugs, you can classify every glow plug quickly and easily. Try it for yourself.

Sheathed heated glow plugs



Y, YS: Body earth type
YD: Insulated type

Thread size and number of coils:

1: 10 mm
2: 12 mm
3: 10 mm
4: 14 mm
5: 10 mm (Double)
7: 10 mm (Double)
8: 18 mm
9: 12 mm (Double)

Note:
Y-109, Y-159 and Y-171 for Caterpillar have a thread size of 3/8" (= approx. 9,5 mm)

Battery voltage:
0-4: 12 V
5-9: 24 V

Serial number

Temperature rise time:

V: Rapid glow plug
T: Rapid glow plug (except YS-871T, it is a sheathed type glow plug)

R, M: QGS (also Y-117SS and Y-204SS)

J: SRM
K or no letter: Standard

B: Change
U: QGS

Material in tube

Revisions number



Y: Sheathed type glow plug

E: 8 mm (QGS or SRM)

The two last figures build the serial number

Ceramic glow plugs



C: Ceramic glow plug

Y: SRC
Z: QGS
X: QGS with two isolators

The last two figures build the serial number