Ignition Coil

Models 180, 180 a, 180 b, 190 SL, 219, 220 a, 220 S, and 220 SE

On these models the testing procedure for the ignition coil is the same as on Model 190.

Table of Ignition Coils Installed

Model	Ignition coil
180	TK 6 A 6
180 a, 180 b, 190 SL	TK 12 A 3
219, 220 a, 220 S	TK 12 A 10
220 SE	TK 12 A 9

Ignition coils TK 6 A 6 and TK 12 A 3 are closed-circuit proof without series resistance.

Closed-circuit proof means that the primary winding of the ignition coil is such that there is no danger of over-heating the ignition coil when the ignition is switched on, the contact breaker points of the distributor are closed, and the engine is not operating.

Ignition coils TK 12 A 9 and TK 12 A 10 require a series resistance to be closed-circuit proof; this resistance is installed between the terminals 15/54 and 15 of the ignition coil (see Job No. 54-0/2 Wiring Diagram).

Test Values for Ignition Coils

Ignition coil Bosch	Spark length in mm	Adjustment resistance Ohms
TK 6 A 6	14	2.5
TK 12 A 3	14	1.2
TK 12 A 9	14	1.0
TK 12 A 10	14	1.6