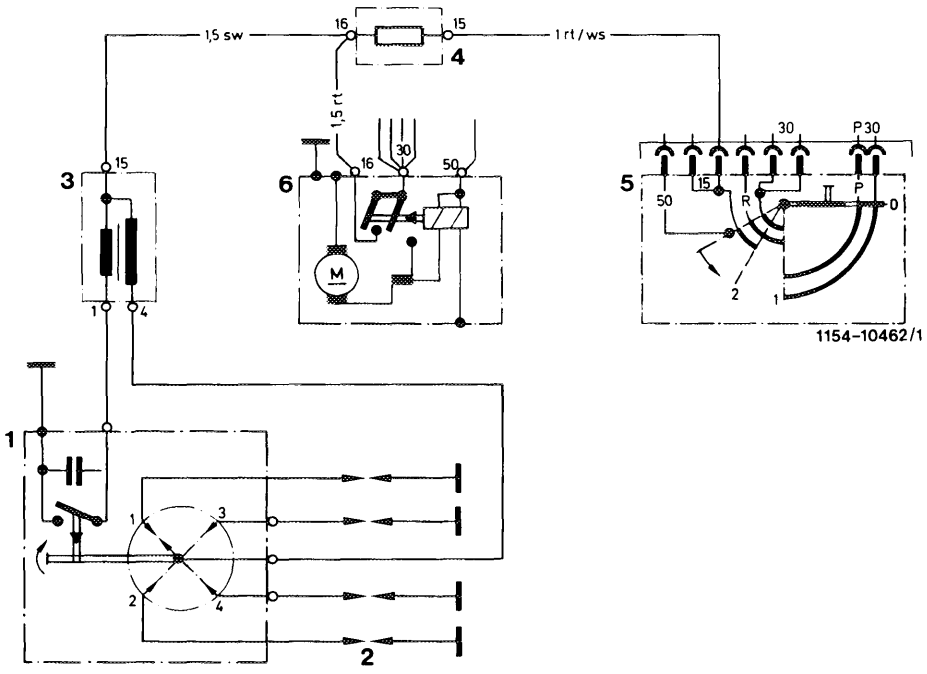
Test values

Battery rest potential		approx. 12 V
Starting voltage		approx. 10 V
Ignition coil voltage, terminal 15 (contact breaker closed)		min. 5.0 V
Pre-resistance bridge		min. 9.6 V
Ignition coil (red sticker – primary)		1.2 – 1.6 Ω
Pre-resistance	(red fastening clamp) at + 20 °C	1.8 ± 0.5 Ω
	(golden fastening clamp)	1.4 ± 0.5 Ω

Conventional testers

Voltmeter, ohmmeter



Wiring diagram: normal coil ignition

1 Ignition distributor
2 Spark plugs
3 Ignition coil
4 Pre-resistance
5 Ignition starter switch
6 Starter

Line colors:
sw = black
rt = red

Checking voltages on battery

Rest potential

Pull high-voltage ignition cable 4 out of distributor cover and connect to ground. Operate starter while reading voltage.

Nominal value: approx. 12 volts

Starting voltage

Pull high-voltage ignition cable 4 from distributor cover and connect to ground. Operate starter while reading voltage.

Nominal value: approx. 10 volts

Testing voltages on terminal 15 of ignition coil

Switch on ignition. Pull high-voltage ignition cable 4 from distributor cover and connect to ground.

Connect plus cable of voltmeter to terminal 15 of ignition coil. Close breaker contact points and read voltage.

Nominal value: min. 5.0 volts

Pre-resistance bridge

Operate starter and read voltage

Nominal value: min. 9.6 volts