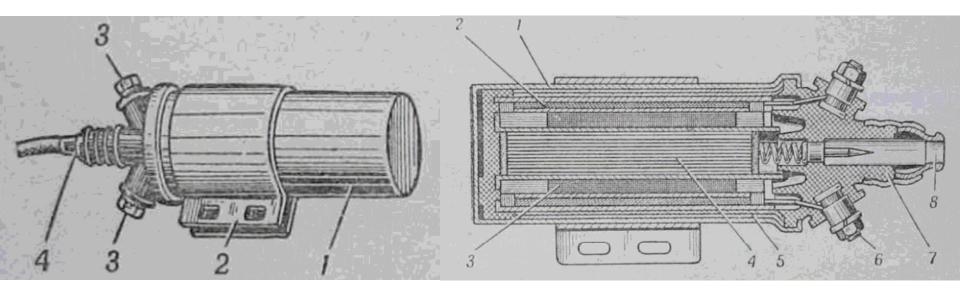


## **Ignition Coils**

- Ignition Coils for Contact (Breaker) Systems
  - KM-01 Coil ⟨⇒⟩ PM-05 Breaker/ Distributor
  - UG-4048 Coil ⟨⇒ PM-05 Breaker/ Distributor
  - B-11 Coil ⟨⇒⟩ PM-05 Breaker/ Distributor
  - B-2B Coil ⟨⇒ PM-05 or PM-11 Breaker/ Distributor
  - B-201 Coil ⟨⇒ PM-302 Breaker/ Distributor
  - B-204 Coil ⟨⇒ PM-302/302A Breaker/ Distributor
  - Primary Winding Resistance of 5-Ohms
- Ignition Coils for Contact-Less (Electronic) Systems
  - Type I –to- Type V Ignition Systems
    - Most Electronic Ignition Coils Have 1 -to- 2-Ohms
      - Type I Ignition Coil: 5-Ohms
      - Types II, III, IV and V Ignition Coils: 1 -to- 2-Ohms
  - Ducati Ignition System
  - Ural Power Arc Ignition System

Each ignition coil is associated (paired) with a distinctive, corresponding ignition system.

#### KM-01 6-Volt Ignition Coil for M-72

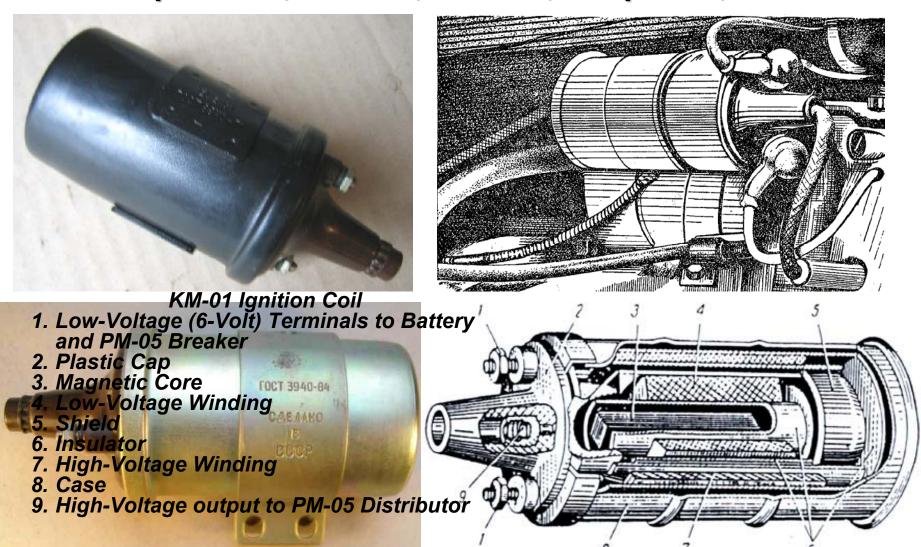


- 1. Case
- 2. Mounting Bracket
- 3. Primary Interrupted Winding
- 4. Hi-Voltage Secondary Output

- 5. Mounting Bracket
- 6. Primary Interrupted Winding
- 7. Insulator
- 8. Hi-Voltage Output to Distributor and Spark Plugs

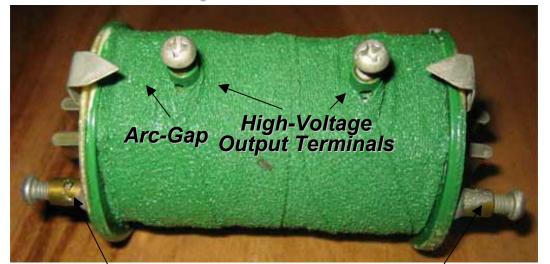
The ignition coil is nothing more than a transformer.
One end of the primary (low-voltage) winding is common to the secondary (high-voltage) winding. The beginning of the primary winding is connected through the ignition switch connected to the battery, and ends where the contact breaker is closed to ground (mass).

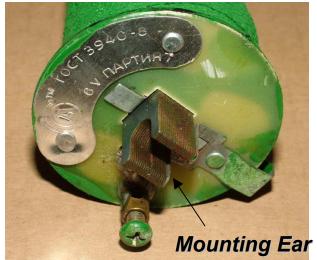
# UG-4085B and B-2B Ignition Coils (6-Volt) for Ural M-72 and Dnepr K-750, MB-750, MB-650, Dnepr 650, M-72

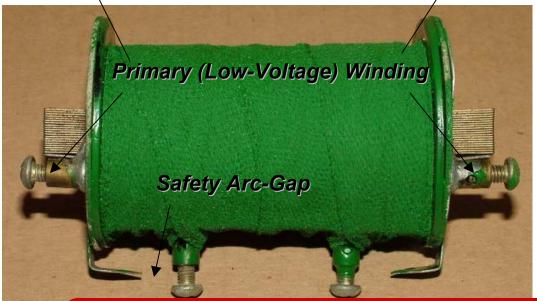


The UG-4085B and B-2B coils later replaced the KM-01.

# B-201 (6-Volt) Ignition Coil (катушка зажигания) for Ural/Dnepr K-750, MB-750, MB-650, Dnepr 650, M -72



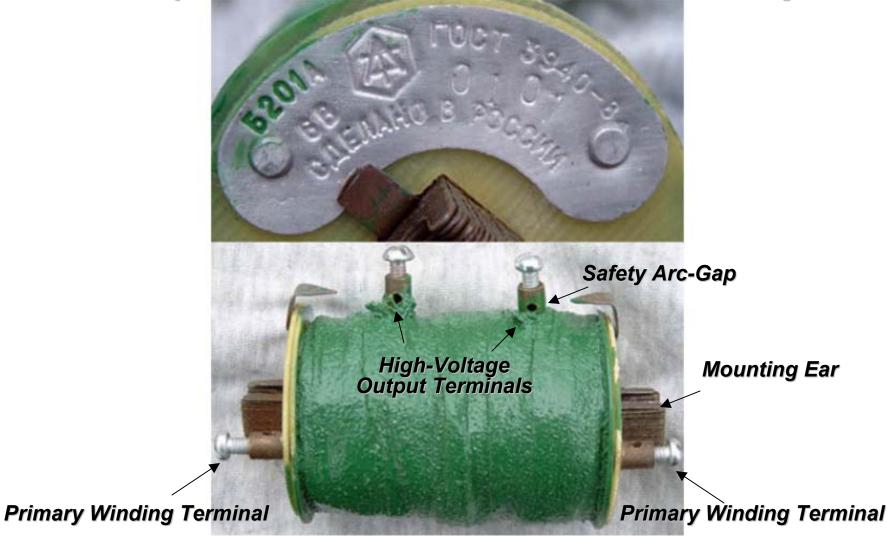






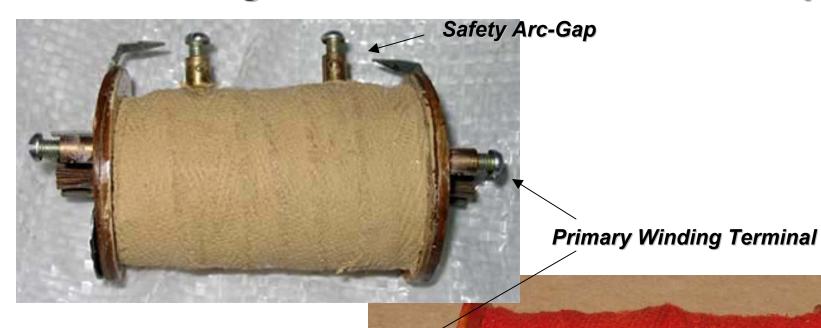
The B-201 became the standard ignition coil for 6-Volt Urals and Dneprs.

B-201A (Бобина 6В Б201A) 6-Volt Ignition Coil for Ural, Dnepr Motorcycles



The B-201A became the replacement ignition coil for the B-201 on Ural/Dnepr motorcycles.

#### B-204 Ignition Coil 12-Volt for Ural/Dnepr



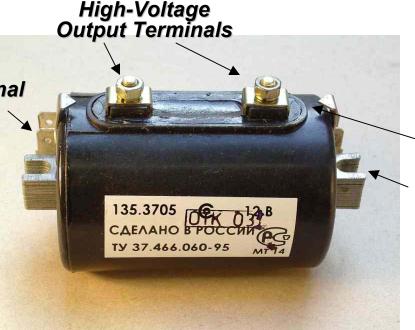
Both plugs fire simultaneously on the left and right cylinders, one spark being formed when the compression stroke terminates in one cylinder and the other during the exhaust stroke.

Safety Arc-Gap

High-Voltage Output Terminals

# Ignition Coil 12-Volt "650171" for Type II thru Type V Ignition Systems

Primary Winding Terminal Resistance: 5-Ohms



Safety Arc-Gap

**Mounting Ear** 

The 135.3705 later replaced the B-204 as more contact-less (electronic) ignition systems were developed.

### Arc Gaps on B-201 and B-204 Ignition Coils

Be careful not to bend or alter he gaps!



The ignition coil is double-ended with two spark safety gaps, which were set at 9mm (0.355").