Russian Headlight Assemblies

Part XXX-3: Headlight Cavity for Dnepr K-750 / K-750M / MB-750 / MB-750M
(Also See Part XXX-1 to-12)

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Dnepr (Днепр) K-750 Motorcycle with Sidecar

- Safety Fuse
- Master Switch
- Generator Charging Indicator
- Bowden Cable to Hi/Lo Beam Switch
- Spark Advance Lever
- Horn Button
Dnepr K-750 (ДНЕПР К-750)
MB-750 and MB-750M (www.russiancycles.com)
K-750 Headlight Assembly (http://www.ural-hamburg.de)
Headlight Assemblies for Dnepr K-750 Motorcycles

650184-b Front Lamp
Fits: K-750M and others, w/ ignition switch
List Price: 140€ new
(www.henriksson.ee)

Headlamp, Old Style
Fits: K-750, M-72 und BMW
List Price: 79.00€, US $108.57
(www.ebay.com)
Headlight Assembly Фара ФГ-116 (FG-116) on K-750M, MB-750 and MB-750M

1. Master Switch
2. Speedometer / Odometer
3. Cavity Body
4. Lamp Holder and Hi/Lo Beam Lamp
5. Flexible Shaft Speedometer Cable
6. and 7. Bundles of Wires
8. Parking Light Bulb Socket
9. Lamp Holder
10. Lens
11. Dual Filament (Hi/Lo) Beam Lamp
12. Reflector
13. Ring (rim) of Lens and Reflector

Central Switch

K-750

1. Cavity Shell
2. Ring (rim) of Lens and Reflector
3. Reflector
4. Dual-Filament Hi/Lo Beam Lamp
5. Parking Light
6. Central Switch
7. Ignition Key
8. Speedometer Light
9. Speedometer Mounting Hole
Headlight Cavity for K-750 Showing Hi/Lo Beam Switch, Central Switch and Fuse Holder Hole, and Generator Charge Lamp Holder (www.oldtimergarage.eu)

- Generator Charging Indicator
- Hole for Master Switch
- Safety Fuse Holder
- Hi/Lo Beam Switch
Components for K-750/MB-750 Headlight Cavity
(www.oldtimergarage.eu)

- **Fuse Holder**
  - Part #: 000.772
  - List Price: €12.10

- **Dual-Beam Headlamp, 6V, 32/21W**
  - Ural/Dnepr Part #: 72176-B
  - Part #: 001.551
  - List Price: €7.06

- **Headlamp Rubber Gasket M72/K750/MB750**
  - Part #: 001.912
  - List Price: €2.02

- **Headlamp Bulb Connector**
  - Part #: 000.848
  - List Price: €4.54

- **Parking Light Bulb Holder**
  - Ural/Dnepr Part #: 72177-B
  - Part #: 000.768
  - List Price: €5.04
Components for K-750/MB-750 Headlight Cavity
(moto-boxer.com)

15-Amp Fuse
List Price: 1.00€

Generator “Charge” Warning Bulb
Part#: 6V 0.25A.
List Price: 7.08€

Hi/Lo Dimmer Switch
for Headlight
List Price: 40.12€

Dual-Filament Headlamp, 6V
Part #: A6V 32+21W
List Price: 4.72€

Headlamp Casing
List price: 40.12€
Dnepr K-750 Three-Position Headlight Cavity Switch

Фары ФГ-6

Ignition Switch Key M-72
(www.oldtimergarage.eu)
• Part Number: 000.789
• List Price: €14
Dnepr: K-750 Master Switch Schematic (IggyMo on Dneprheads)

1. To Ignition, Horn, Brakelights
2. N/C
3. To Hi/Low Headlight
4. Taillights
5. Positive from Regulator
6. Gauges/Speedo/daytime running
7. (-) post of Gen (Not necessary)
Ignition Key for Dnepr K-750, M-72, MT-9, MT-10
Ignition Master Switch

• Activated by a Key that Can Be Pulled Out
  – Insert the Key Straight Down and You Get Ignition-Only
  – Put the Key Half-Way In and Turn Left or Right without Activating the Ignition
  – Pull the Key Out in Any Position

• Black Dust Cover
  – Push Forward to See the Key-Slot

• Push-In to Turn-On Ignition

• Turn Right or Left to Turn-On Various Accessories
  – Left or Right Will Be Different Accessories, Depending upon Wiring

Chrome-Plated Ignition Lock/Switch Cover (moto-boxer.com)
Central ignition switch supplies 6-Volts to the bike/sidecar lamps and either the hi/lo beam lamp or the parking light. The ignition switch also supplies energy to the generator field coil, ignition coil and voltage regulator.
K-750M with PM-05 Ignition and Handlebar Control

Early K-750, MB-750

Hi/Lo Beam Lamp

Hi/Lo Beam Switch

Key

Breaker/Distributor (PM-05)

Bowden Control Cable to PM-05 Spark Advance
K-750 and MB-750 Headlight Cavity

- Ground "masse"
- Parking Light
- Hi/Lo Dual-Beam Lamp
- Hi/Lo Dimmer Switch
- Generator "Charge" Lamp
- Ignition Key
- Ignition On/Off Contacts
- Fuse
- On/Off Contacts

[Diagram showing wiring connections and labels]
Dnepr K-750M, MB-750, K-650 and MB-750M

1 - hi/lo beam lamp A6-32+32
2 - key
3 - fuse
4 - ФГ-116 headlight assembly
5 - central switch
6 - ground wire "mass"
7 - high tension wire
8 - spark plug tip
9 - spark plug A8У
10 - high tension wire
11 - ignition coil Б2Б (B2B)
12 - overall lamp
13 - headlight sidecar ПФ-200
14 - horn С-37А

15 - front sidecar lamp wire
16 - connector wires
17 - taillight ФП-220
18 - "Stop" A6-15 lamp
19 - tail light bulb overall A6-3
20 – sidecar lamp wire
21 - lamp switch brake wire
22 - license plate illumination wire
23 – foot brake-light switch
24 – voltage regulator
25 - DC generator Г-414
26 - portable trouble lamp
   (only MB-750 and MB-750M)
27 - 47K socket
   (only MB-750 and MB-750M)
28 - lead to a power outlet
29 - battery ground-wire
30 - battery
31 - breaker contacts PM-05
32 - horn button
33 - signal wire
34 - ignition advance lever
35 - speedometer backlight
36 - generator warning lamp A6-0.25
37 - shift cable light
38 - hi/lo beam dimmer switch
39 - parking light A6-2

1. Turn Signal Switch
2. Battery 3T-6 or 3MT-7
3. Breaker Points PM-05
4. Hi/Lo Beam Lamp
5. Parking light
6. Left direction indicators
7. Breaker Points PM-05
8. Hi/Lo Beam Switch
9. Cable Shifters ignition
10. Lever light switch
11. Shifters ignition
12. Fuse 15A
13. Central switch (on M-72 & K-750 slightly different notation terminals)
14. Bulb illumination A6-2 scale speedometer
15. Generator (Г-414)
16. Control lamp of the generator A6-0.25
17. Ignition Coil (B2B)
18. Distributor
19. Indices turning right (sidecar)
20. Front position lamp sidecar
21. Lamp A6-15 stop-signals (only in the lamp, or OP-230 OP-246)
22. Battery 3MT-6 or 3MT-7
23. Right rear indicator lamp on motorcycle-alone
24. Voltage regulator
25. Foot Brake-Light Switch
26. Headlight rear position lamps
27. Horn
28. Horn button
Dnepr K-750, K-750M and MT-12 with Manual PM-05 Distributor/Breaker Points

1. Head lamp/Dash
2. High and lowbeam
3. Parking light
4. Fuse
5. Key
6. Dimmer switch
7. Generator charge indicator
8. Mechanical dimmer switch lever
9. Speedometer bulb
10. Primary switch
11. Horn button
12. Battery
13. Condenser
14. Spark plugs A8Y
15. Points and distributor
16. Front sidecar fender light
17. Ignition coil
18. DC generator
19. Battery
20. Horn
21. Regulator
22. Connector
23. Stop light switch
24. Rear sidecar fender light
25. Rear light
Dnepr (Днепр) Early K-750 with PP-31A Regulator, PM-05 Breaker/Distributor and B2B Ignition Coil
Dnepr (Днепр) Later K-750 and K-750M
with PP-302 Regulator, PM-05 Breaker/Distributor and B2B Ignition Coil

- **Handlebar Control Switch** (P-45)
- **Manual Spark Advance**
- **Hi/Lo Beam Lever**
- **Generator** (Г-414)
- **Regulator** (ПП-302)
- **Battery**
- **Ignition Coil** (B2B)
- **Breaker/Distributor** (PM-05)
- **Horn** (C-37)
Dnepr (Днепр) Early MB-750 (Military Version of MT-12) (1961)

- Battery
- Voltage Regulator (PP-302)
- Generator (Г-414)
- Distributor/Breaker (PM-05)
- Ignition Coil (B2B)
- Horn (C-37)
- Hi/Lo Beam Lever
- Manual Spark Advance
Dnepr (Днепр) Later K-750
(with Breaker PM-11A, PP-302 and B201 for Automatic Control of Firing Angle)

Dimmer Switch in Handlebar Control (P-25), No Spark Advance Lever

1. Hi/Lo Beam Lamp

Oil-Pressure Sensor (MM-106A)

Ignition Coil (B201)

Breaker/Distributor (PM-302)

Generator (Г-414)

14. Horn

Foot Brake-Light Switch

Battery

Regulator (PP-31A)

27. Horn Button

29. Hi/Lo Beam Dimmer Switch

28. Signal Wire to Horn (Switch “Grounds” Lead to Energize Horn)
K-750M with PM-302 (Automatic) Ignition System