Russian Headlight Assemblies

Part XXX-8: Headlight Cavity for Dnepr MB-650 and MB-650M

(Also See Parts XXX-1 thru -12)

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Headlight Assembly Фара ФГ-116 (FG-116) on Early MB-650

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
Dnepr MB-650 Military Motorcycle, BMW-Style Headlamp Assembly
Transition of the Headlight Assembly from BMW-Style to Classic Dnepr-Style
1970 Dnepr MB-650 Military Motorcycle
Dnepr MB-650 Headlight Cavity (uraldnepr.ru)
Dnepr MB-650
Dnepr MB-650M (picasaweb.google.com)
All 5 Indicators
Sockets: ПД-20
Lamps: А12-1
Speedometer: СП-102
Ignition Lock: 141.3704
Headlight: ФГ-137

20. Turn Indicator
2. Oil Pressure Alarm Indicator
19. Hi-Beam Indicator
18. Generator Alarm Indicator
17. Neutral Gear Indicator
Headlamp FG-137 (фары мотоциклетной ФГ-137)
Headlight Assembly: фара ΦΓ-137 (FG-137)

1. Instrument Panel
2. Central Switch (Ignition Switch)
3. Speedometer / Odometer
4. Neutral Indicator (green)
5. Generator “Alarm” Indicator (red)
6. Hi-Beam Indicator (blue)
7. Oil Pressure “Alarm” Indicator (red)
8. Turn Indicator (green)
Dnepr (Днепр) MB-650

- Oil Pressure Sensor
- Turn Signal
- Ignition Coil (B-204)
- Breaker (PM-302/PM-302A)
- Horn
- Flasher
- Alternator (Г-424)
- Horn Button
- Battery
- Voltage Regulator (PP-31A)
- Foot Brake-Light Switch
Dnepr (Днепр) Early MB-650
(with PP-330 (relay) Voltage Regulator)

- Battery
- Ignition Switch
- Dnepr (Днепр)
- Early MB-650 (with PP-330 (relay) Voltage Regulator)
- Alternator Г-424
- Oil-Pressure Sensor (MM-126)
- Neutral Sensor (MT804517A)
- Rear Brake-Light Switch (BK-864B)
- Footbrake Switch (13.3720)
- Headlight Assembly (ФГ=137)
- Speedometer
- Front Brake-Light Switch
- Flasher (PC-427)
- Spark Plug Socket & Cover
- Horn (C-304)
- Trouble-Light
- Fuse Block
- Front Brake-Light Switch
- Oil Pressure Sensor (MM-126)
- Voltage Regulator (PP-330)
- Neutral Sensor (MT804517A)
- Rear Brake-Light Switch (BK-864B)
- Trouble-Light
- Spark Plug Socket & Cover
- Horn (C-304)
Dnepr (Днепр) Later MB-650
(with 33.3072 (solid-state) Voltage Regulator)

- Oil-Pressure Sensor (MM-126)
- Alternator Г-424
- Voltage Regulator (33.3702)
- Ignition Coil В-204
- Spark Plug
- Trouble-Light Socket & Cover
- Rear Brake Light Switch (BK-8546)
- Battery (3MTS-9)
- Speedometer
- Front Brake Light Switch (13.3720)
- Oil Pressure Sensor (MM-126)
- Fuel Pump
- Horn (C-205B/C-304)
- Coolant Temp Sensor
- Spark Plug
- Headlight Assembly (ФГ=137)
- Front Brake Light Switch (13.3720)
- Speedometer
- Front Brake Light Switch (13.3720)
- Oil Pressure Sensor (MM-126)
- Alternator Г-424
- Voltage Regulator (33.3702)
- Ignition Coil В-204
- Spark Plug
- Trouble-Light Socket & Cover
- Rear Brake Light Switch (BK-8546)
- Battery (3MTS-9)
Dnepr MB-650M

Ignition Lock: BK-857
Ignition Key Switch BK-857 for MB-650M

Ignition Key Positions:
0 - Key Inserted All the Way; All Appliances Are Switched Off
I - Key Inserted All the Way and Turned Counter-Clockwise; Ignition, Parking Lights and Motorcycle
Parking Light in the Headlamp (parking light stays on when laid out in this position, the ignition key);
II - Key Inserted All the Way and Turned Clockwise to First Fixed Position; Ignition, Headlights and
Parking Lights (Motion in Night-Time Conditions)
III - Key Inserted All the Way and Turned Clockwise to Second Fixed Position; Ignition, Parking Lights and
Turn Indicators

Central Switch BK-857
1. Switch Body
2. Lock Cylinder
3. Ignition Key
4. Slides

Seven Terminals, which Connect a Plus from the Power Source (terminals 1-1), Ignition (terminals 2-2), Marker Lights Motorcycle (terminal 3-3) and a Headlamp (Terminal 4).