



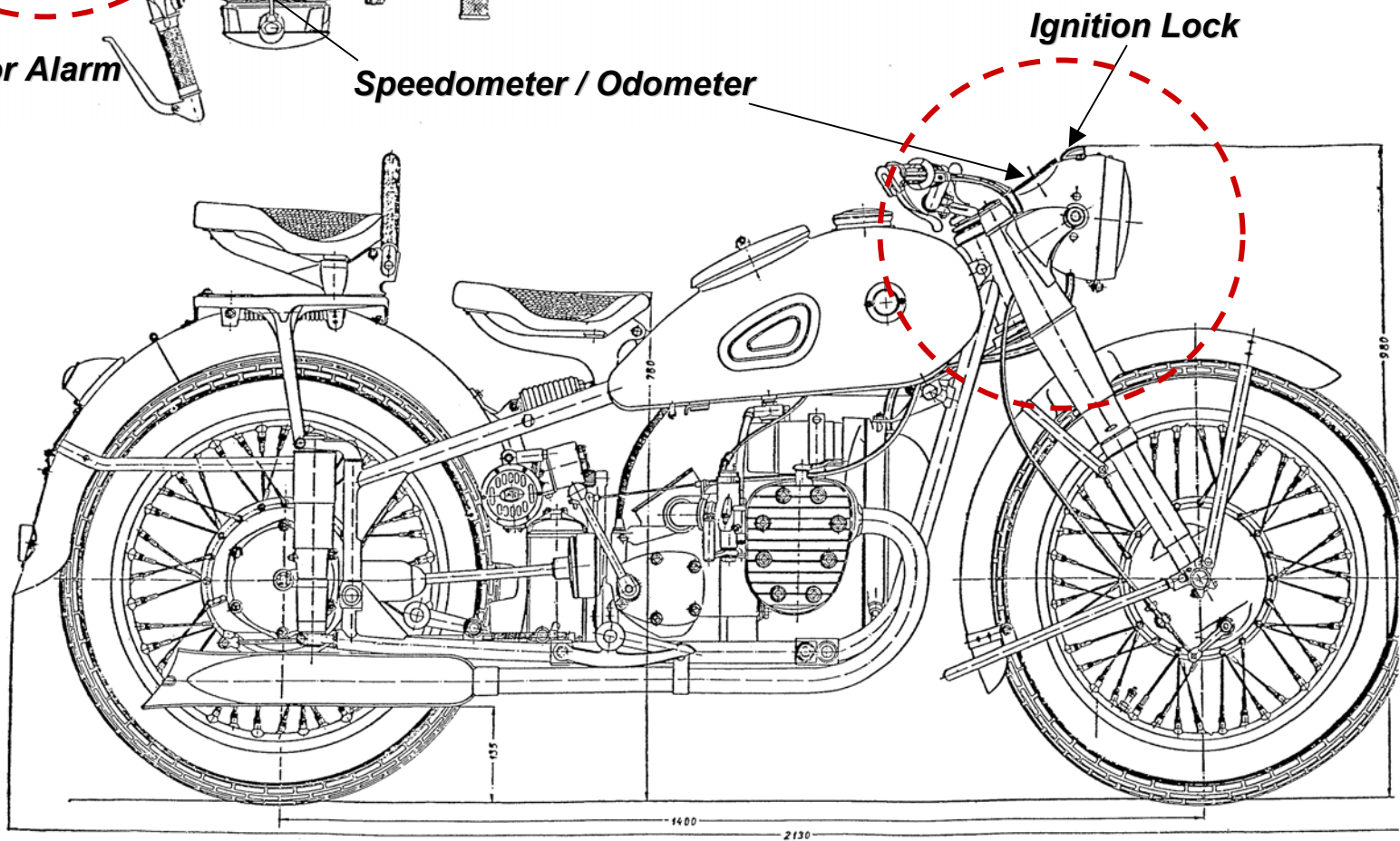
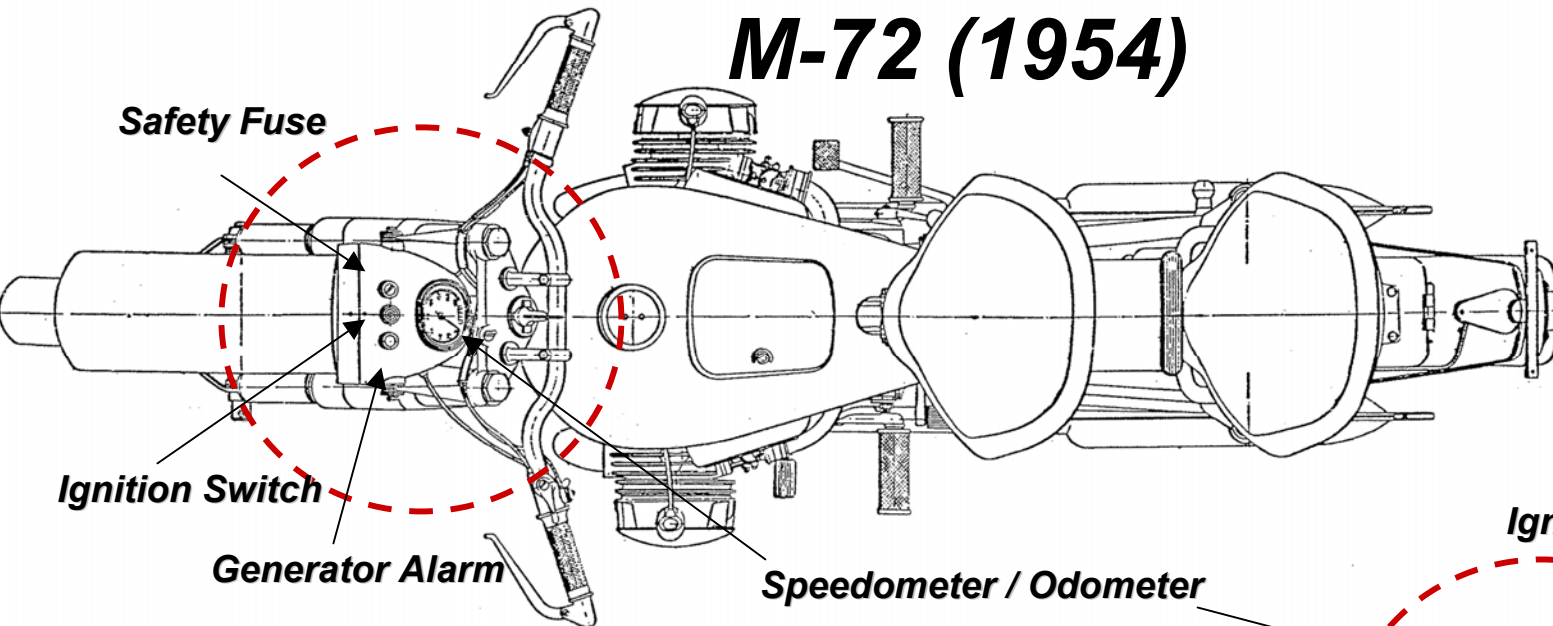
# ***Russian Headlight Assemblies***

## ***Part II: Headlight Cavity for M-72***

***(Also See Part I: Headlight Cavity, Early Central  
Switch and Speedometer)***

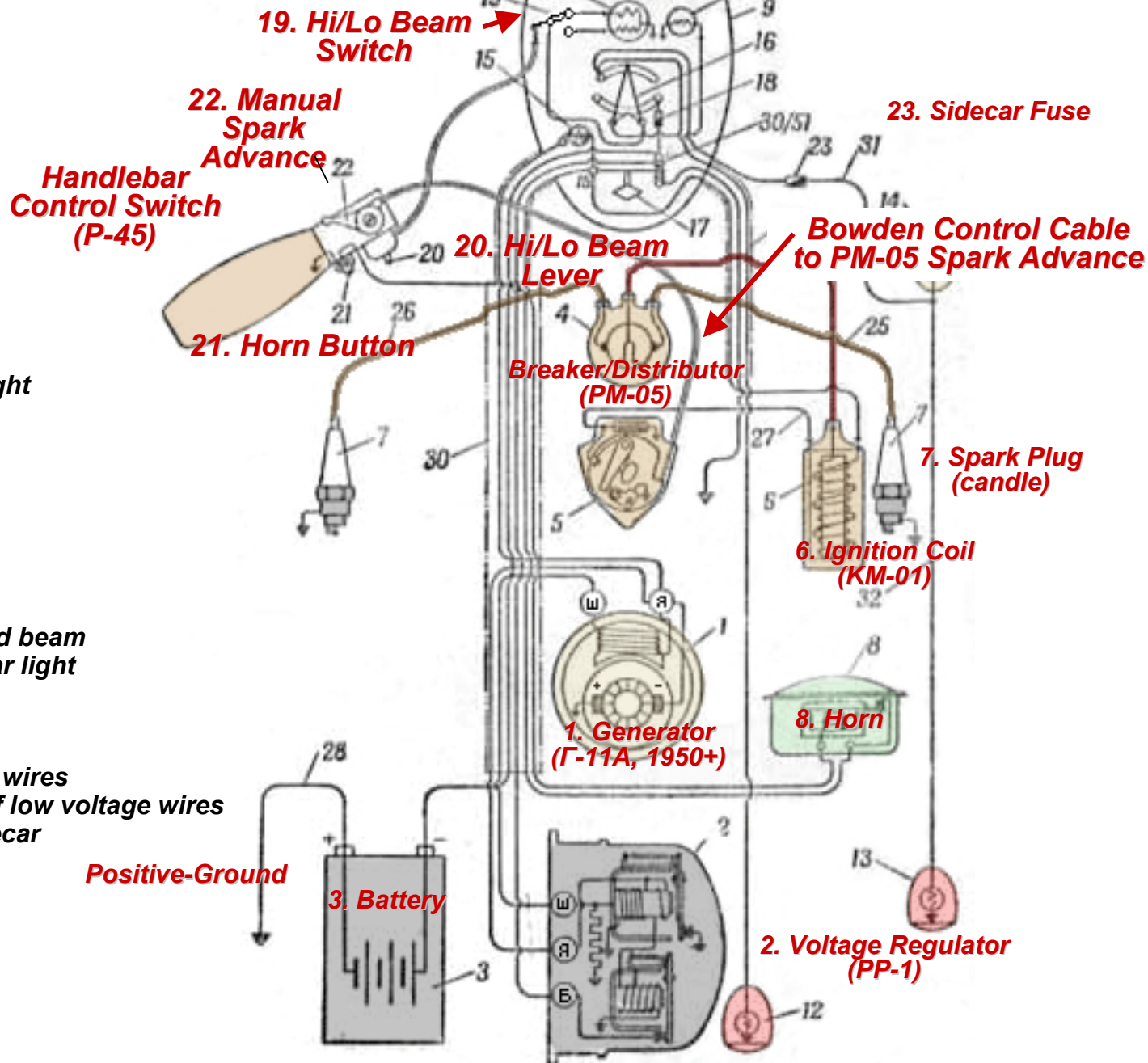
***Ernie Franke  
eafranke@tampabay.rr.com  
(09/2011)***

# M-72 (1954)



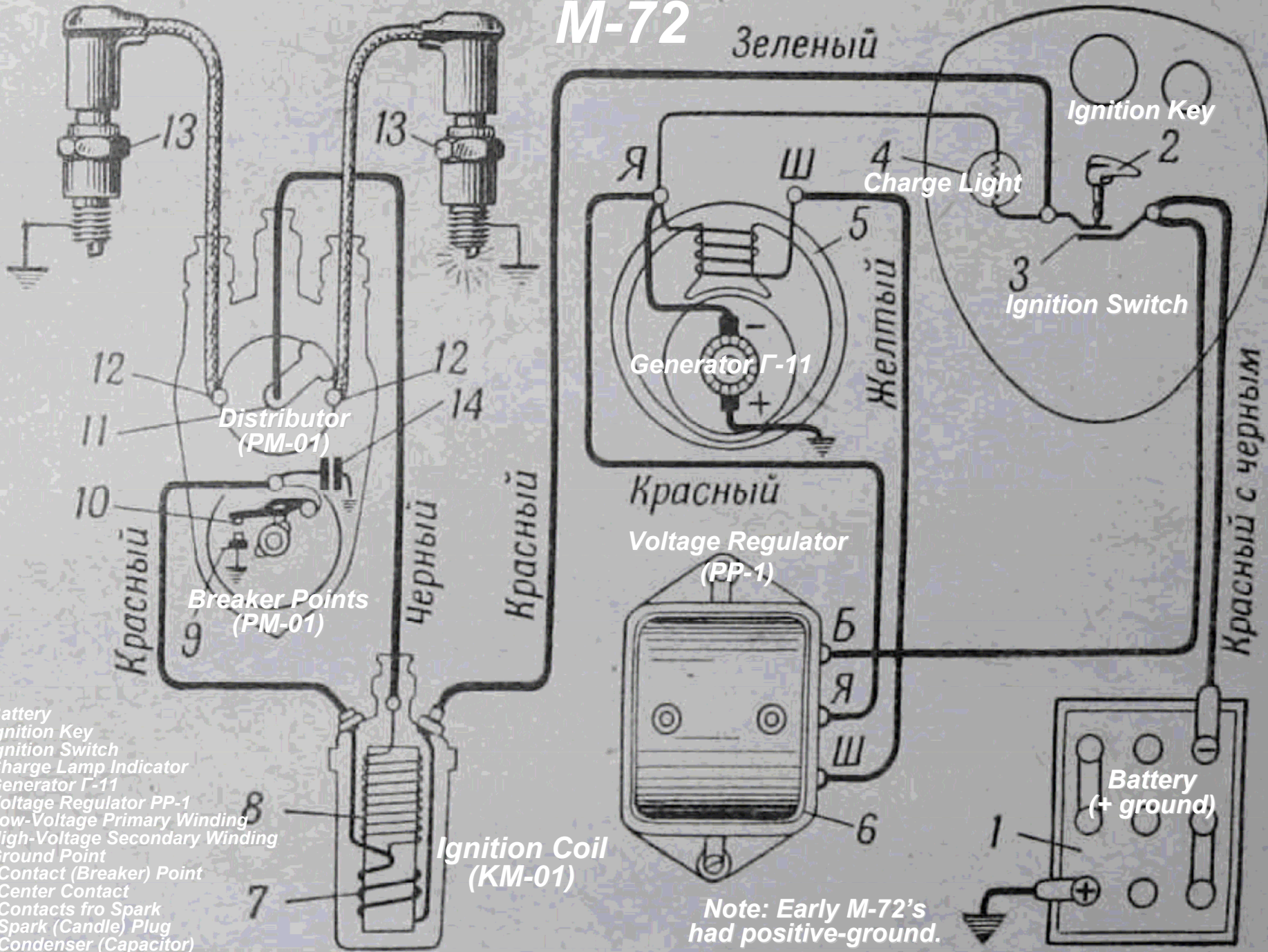
# Ural (Урал) M-72 with Voltage Regulator PP-1 (thru 1949)

- 1 - generator: Г-11
- 2 - relay-regulator: PP-1
- 3 - rechargeable battery
- 4 - distributor: PM-05
- 5 - breaker points: PM-05
- 6 - ignition coil: KM-01
- 7 - spark plugs (candles)
- 8 - horn
- 9 - lamp
- 10 - driving lamp and low light
- 11 - the parking light bulb
- 12 - tail light
- 13 - tail light sidecar
- 14 - front light sidecar
- 15 - control lamp
- 16 - ignition switch
- 17 - key
- 18 - fuse
- 19 - switch beam and dipped beam
- 20 - lever switch near and far light
- 21 - horn button signal
- 22 - ignition control stick
- 23 - fuse lamps
- 24, 25 and 26 - high voltage wires
- 27, 28, 29 and 30 - bundle of low voltage wires
- 31 and 32 wire lanterns sidecar



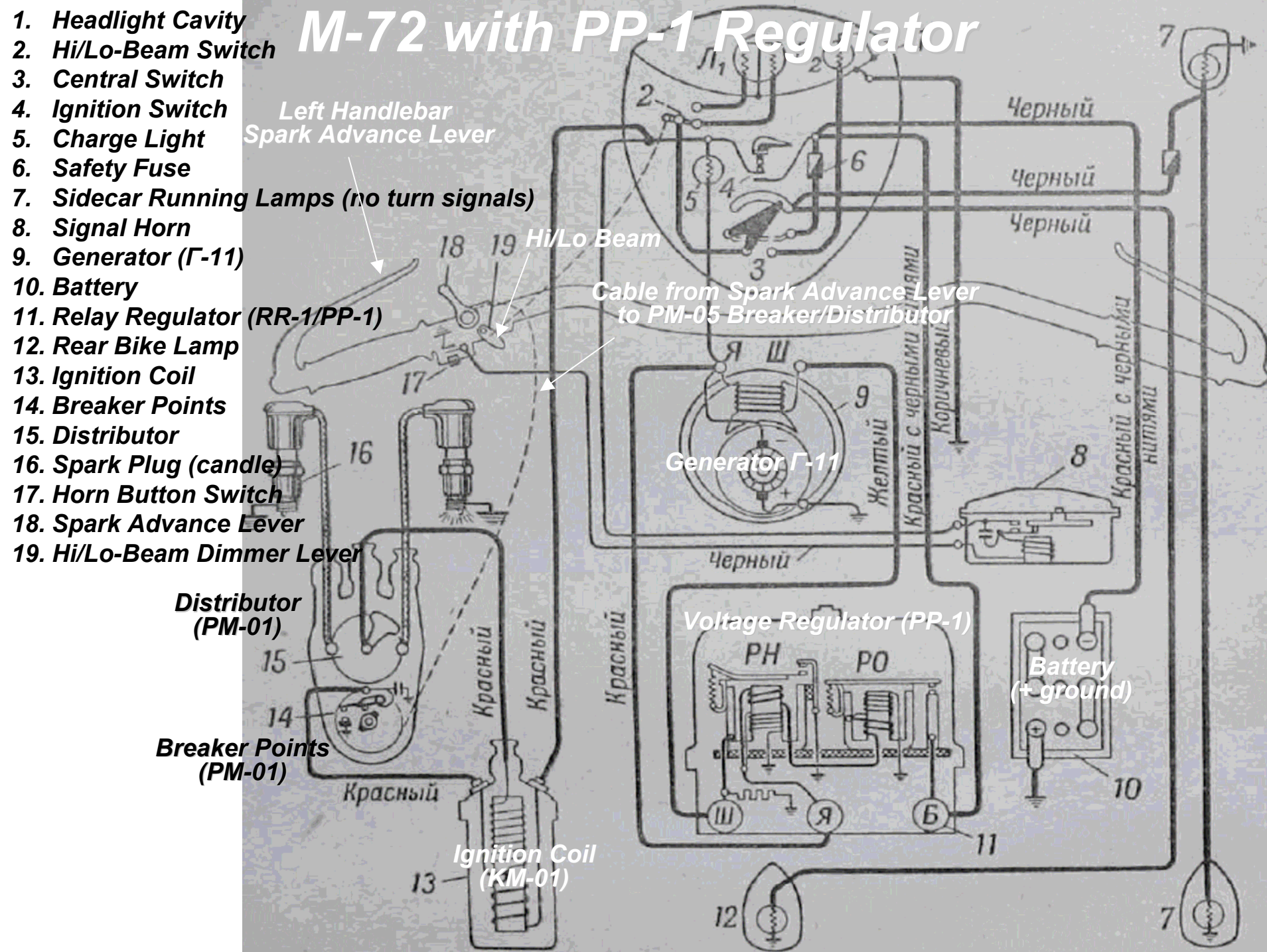


# M-72





# M-72 with PP-1 Regulator



# M-72 (1942) with PP-1 Voltage Regulator

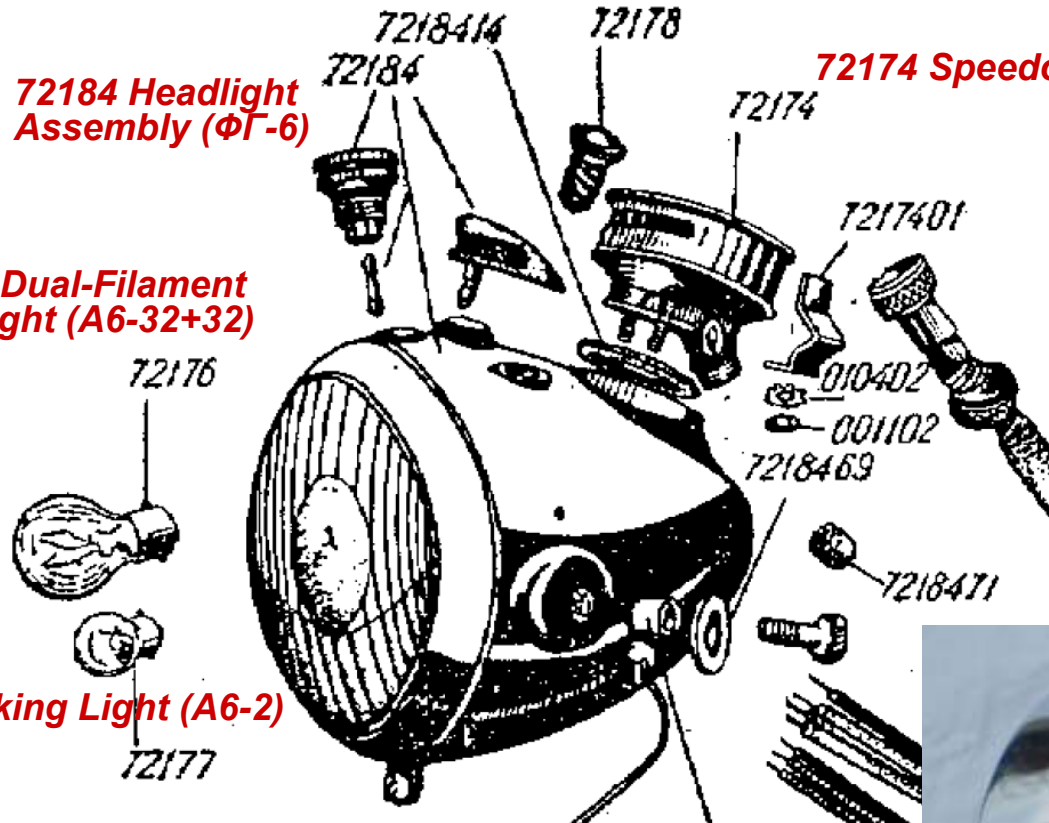
72178 Generator "Alarm" Indicator (A6-0.25)

72174 Speedometer CII-8

72184 Headlight Assembly (ΦΓ-6)

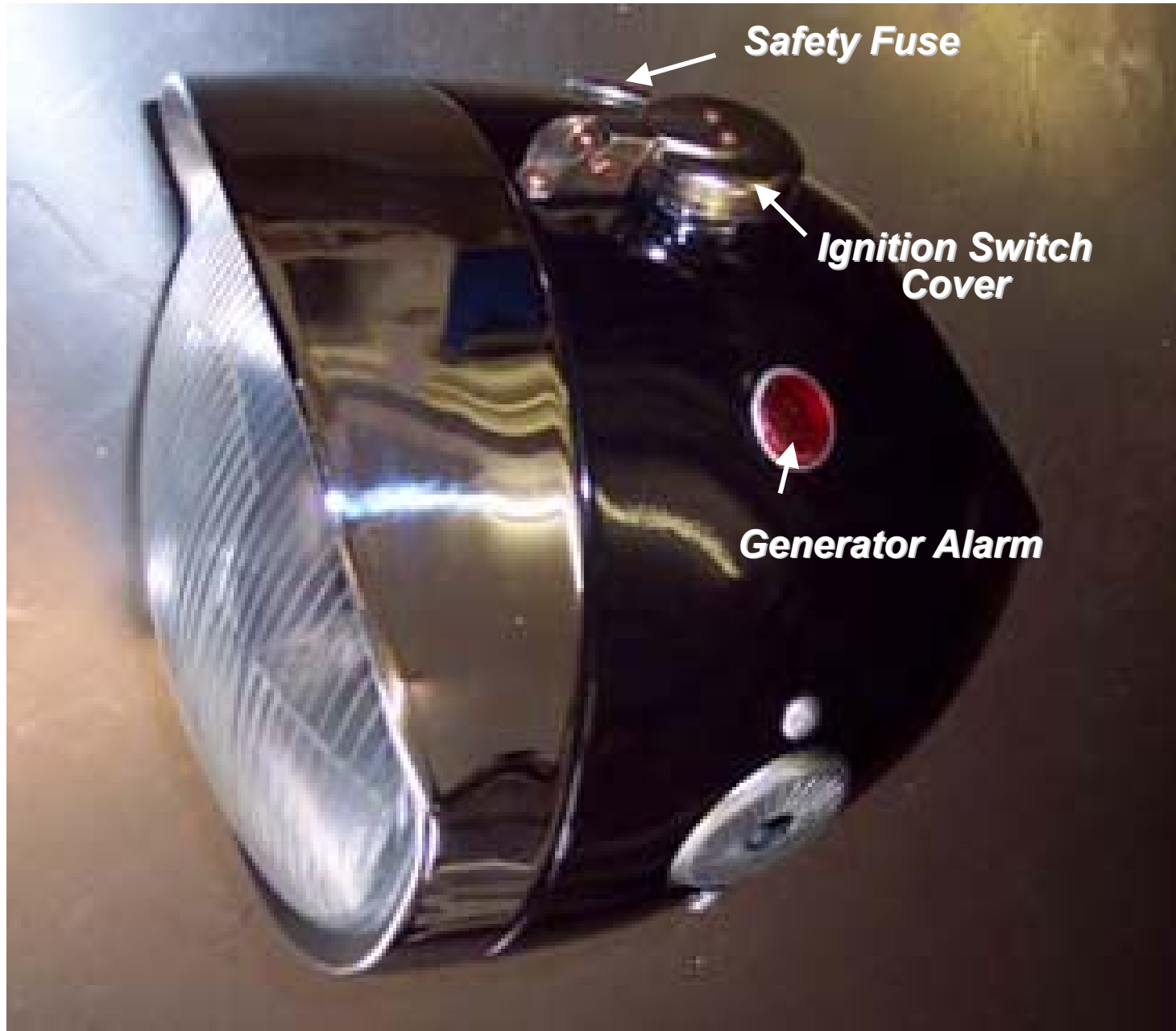
72176 Dual-Filament Headlight (A6-32+32)

7217 Parking Light (A6-2)



List Price: \$119  
([cgi.ebay.com/ebaymotors](http://cgi.ebay.com/ebaymotors))

# ***M-72 Headlight Cavity*** ([www.ural-hamburg.de](http://www.ural-hamburg.de))



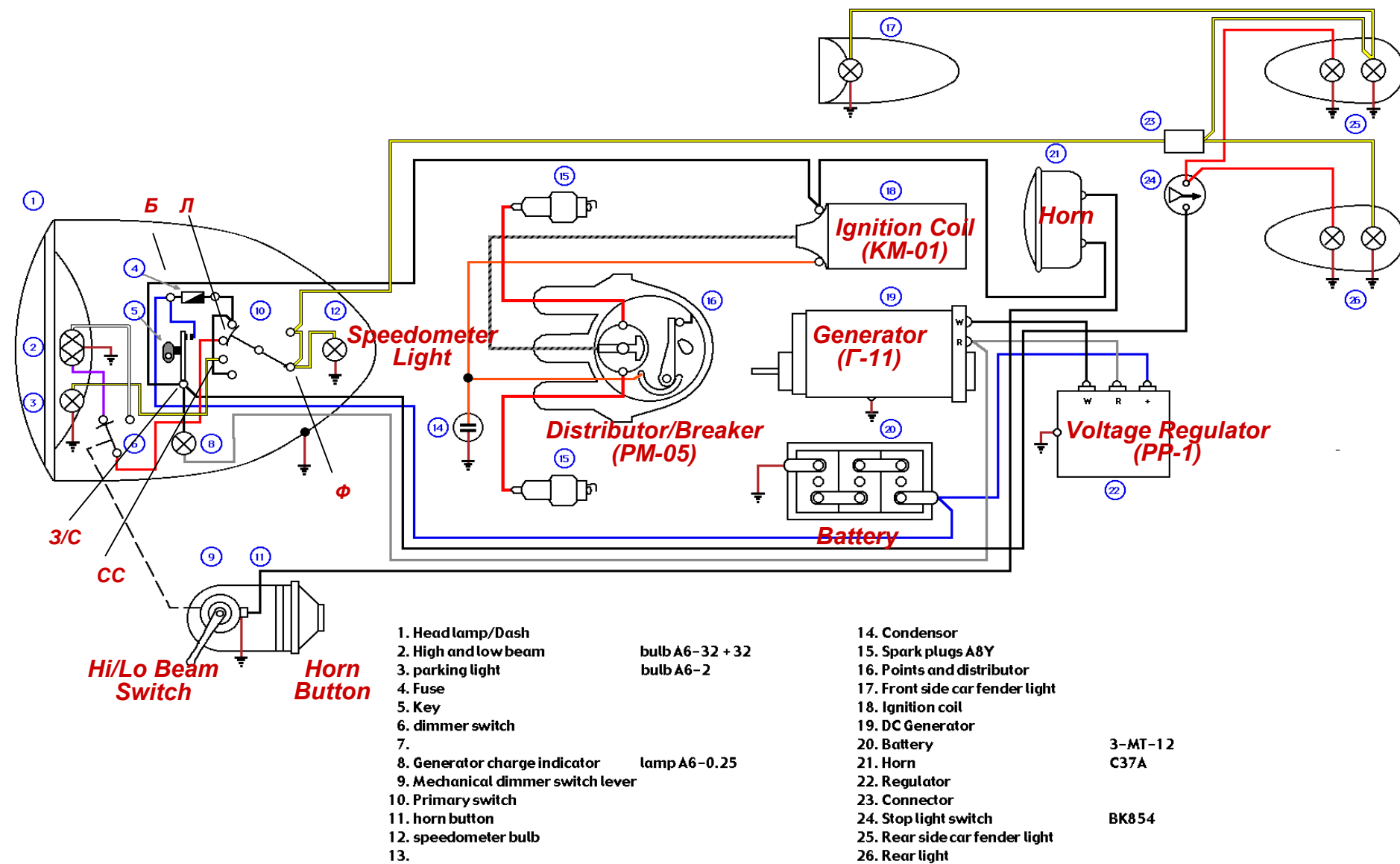
23 November 2006

Carl Allison

Note: Wire colors are not likely correct nor consistent with factory wiring.  
Schematic may have errors as well.

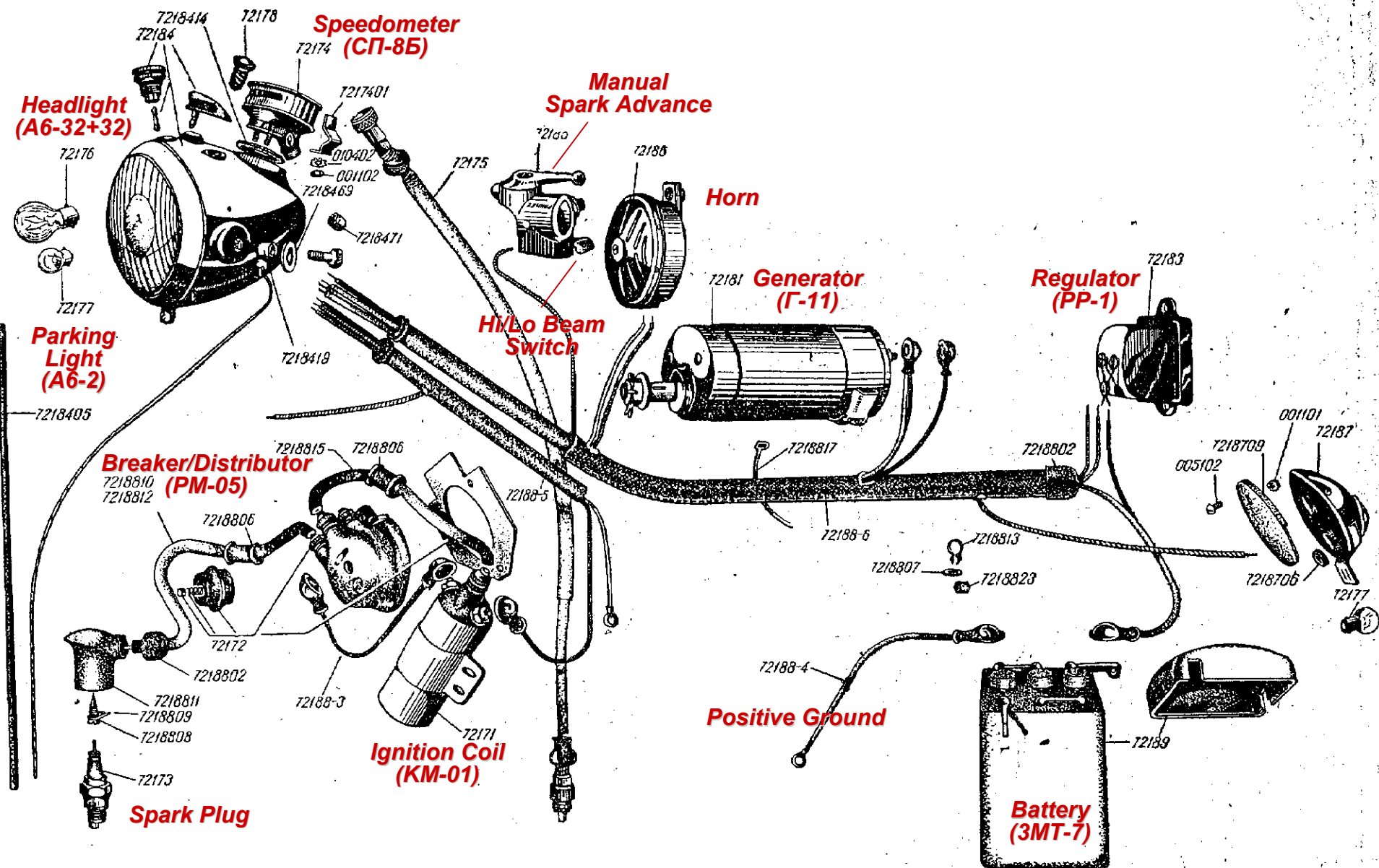
# Ural (Урал) Early M-72 (1941)

## with PM-05 Distributor/Breaker Points and PP-1 Voltage Regulator



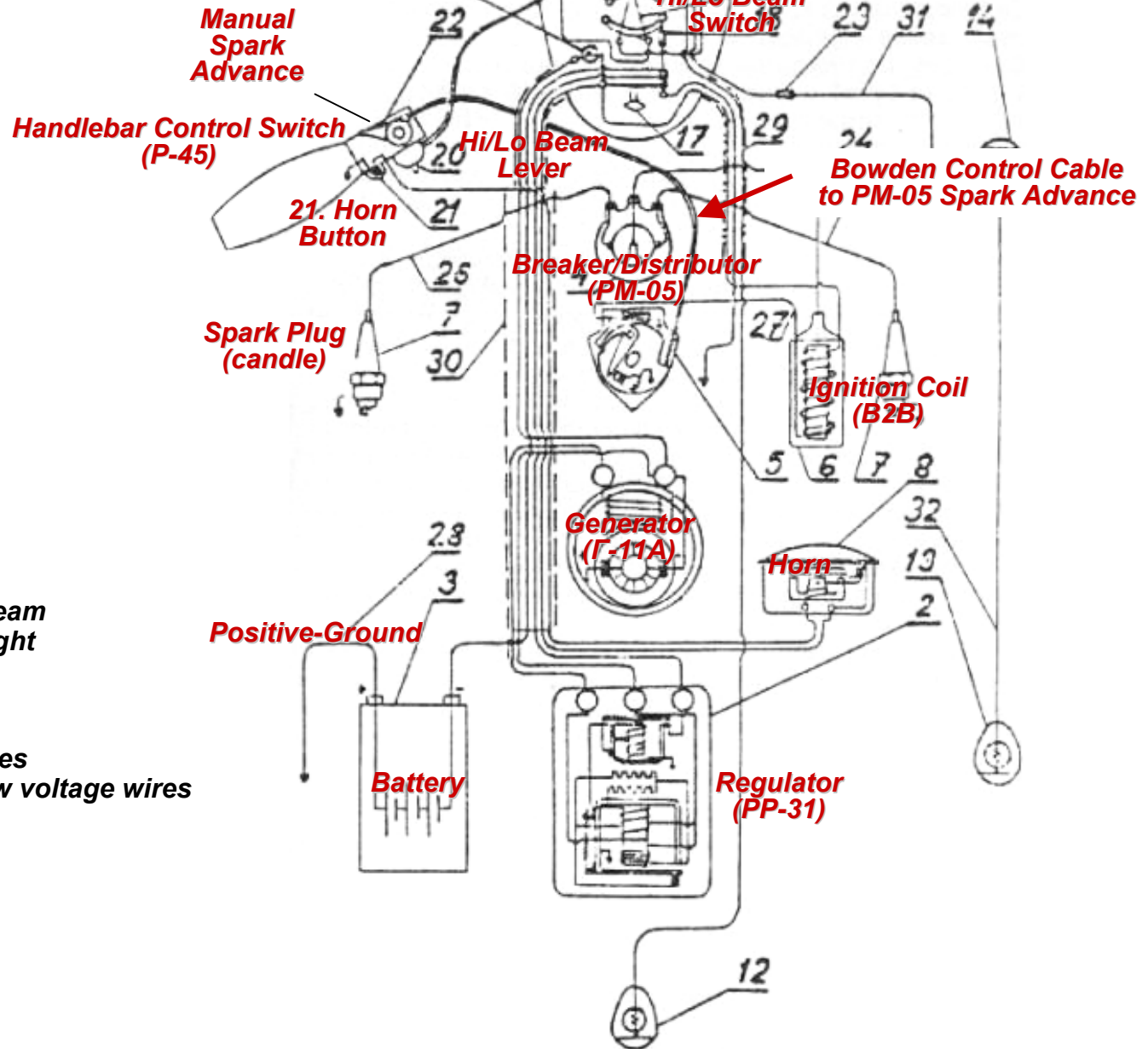


# Ural (Урал) Early M-72 (1942)



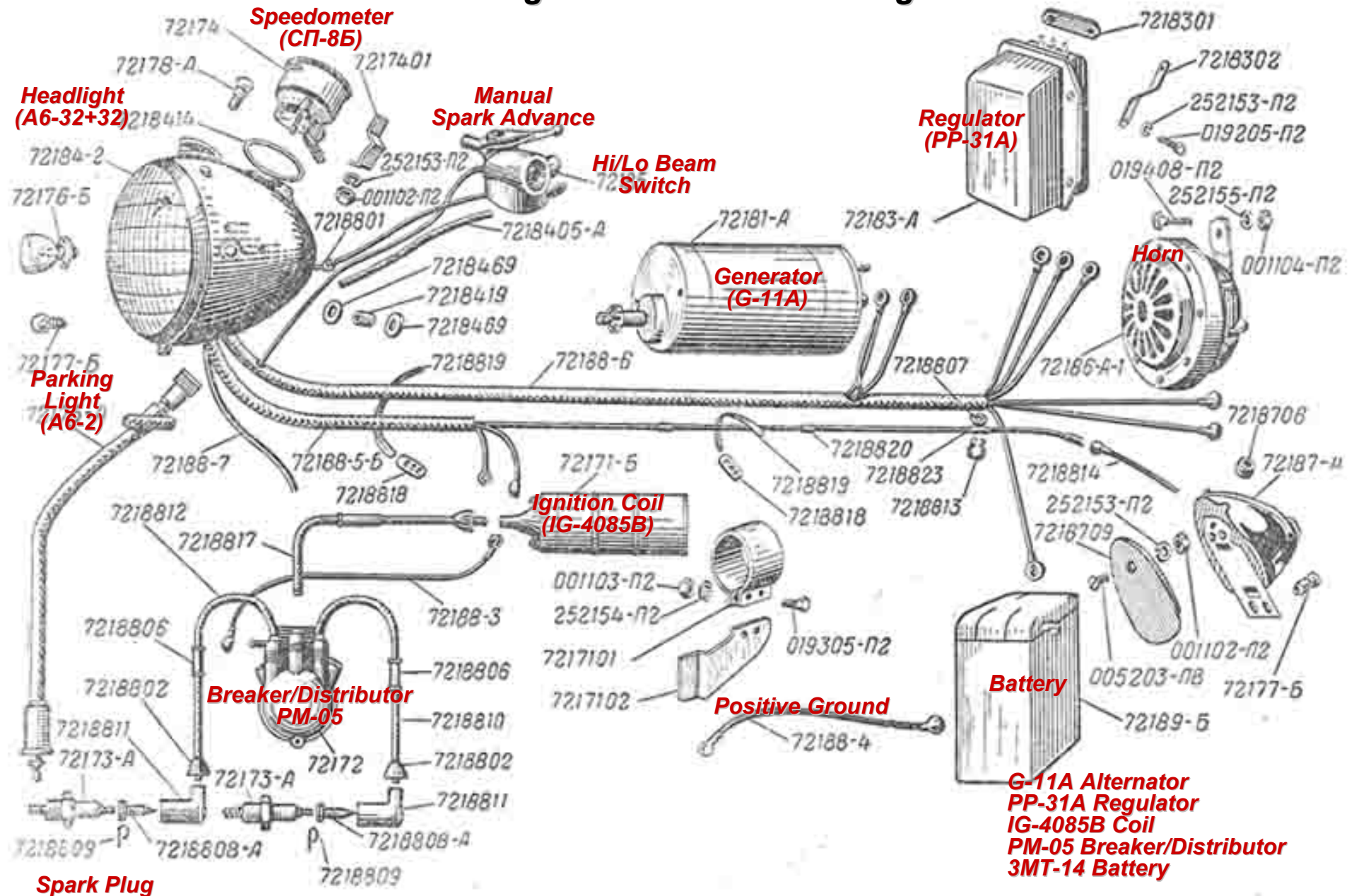
# Ural (Урал) M-72 with Voltage Regulator PP-31\_(1950+)

- 1 – generator: Г-11А)
- 2 - relay-regulator: PP-31
- 3 - rechargeable battery
- 4 – valve
- 5 – breaker: PM-05
- 6 - ignition coil: B2B
- 7 – spark plugs (candles)
- 8 – signal
- 9 – lamp
- 10 - driving lamp and low light
- 11 - the parking light bulb
- 12 - tail light
- 13 - tail light sidecar
- 14 - front light sidecar
- 15 - control lamp
- 16 - a central switch
- 17 – key
- 18 – safety
- 19 - switch beam and dipped beam
- 20 - lever switch near and far light
- 21 - button signal
- 22 - Ignition control stick
- 23 - fuse lamps
- 24, 25 and 26 - high voltage wires
- 27, 28, 29 and 30 - bundle of low voltage wires
- 31 and 32 wire lanterns stroller



# Ural (Урал) Later M-72 (1955)

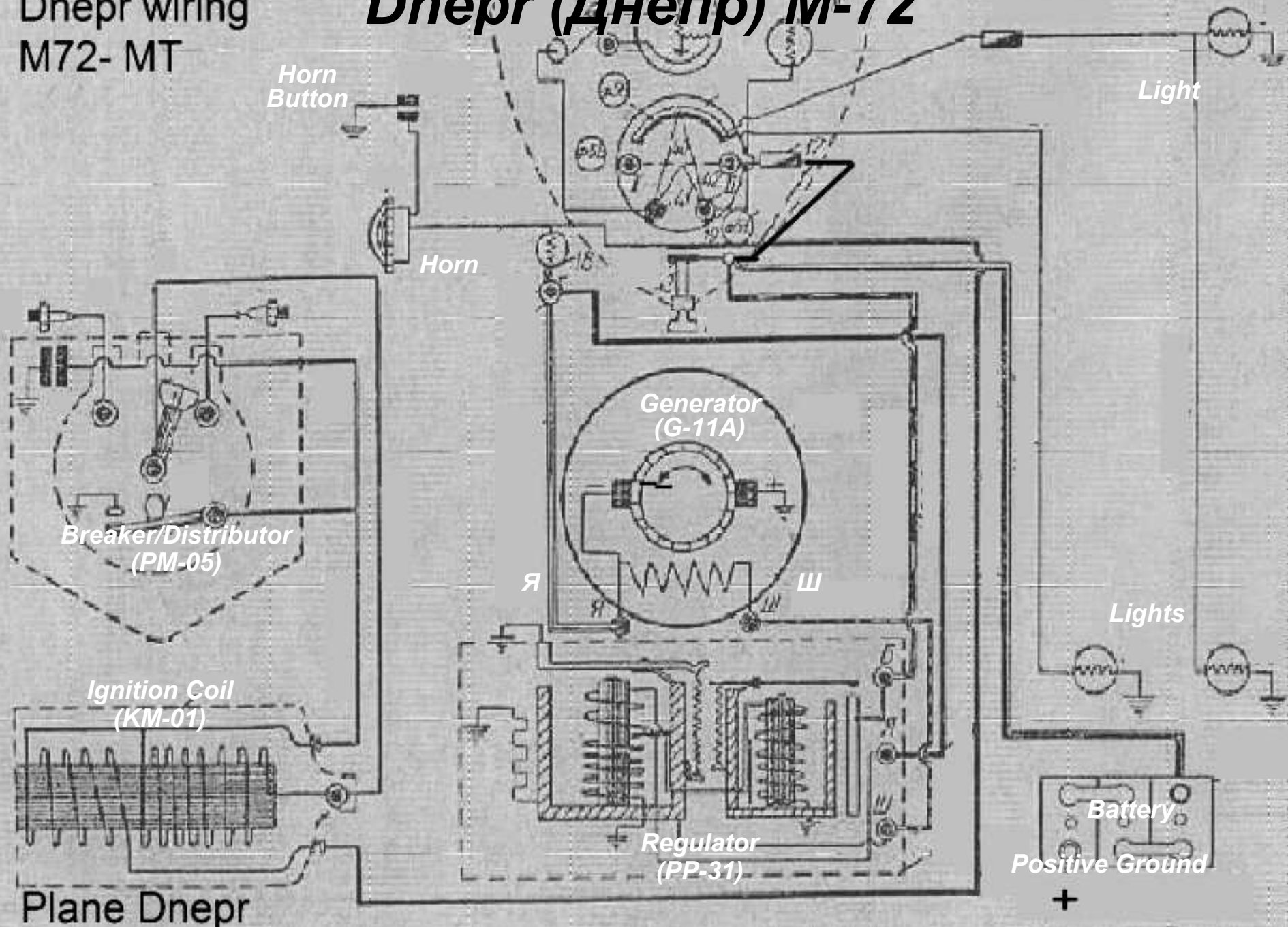
with Г-11А generator and PP-31 regulator





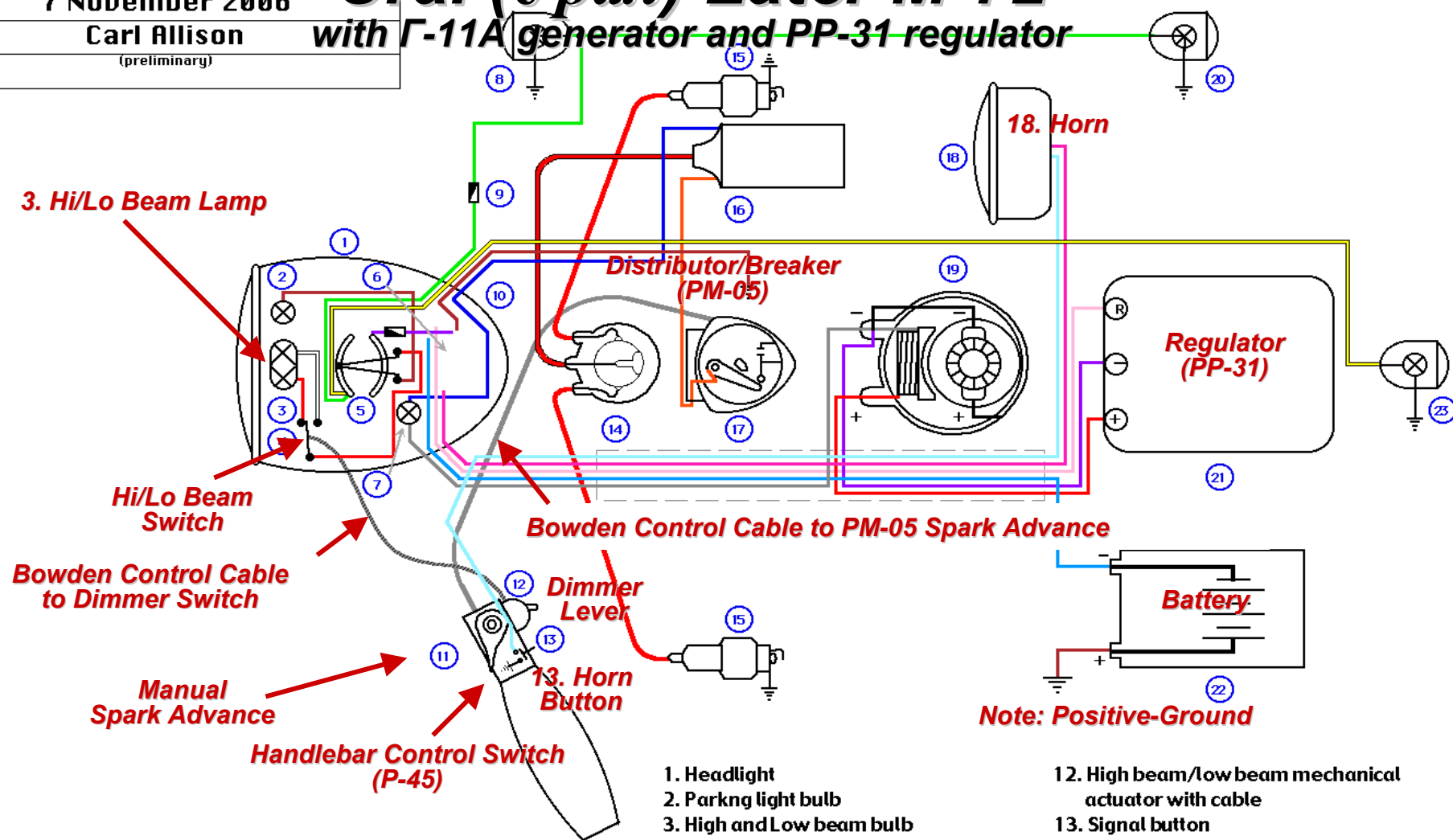
Dnepr wiring  
M72- MT

# ***Днепр (Днепр) М-72***



# Ural (Урал) Later M-72

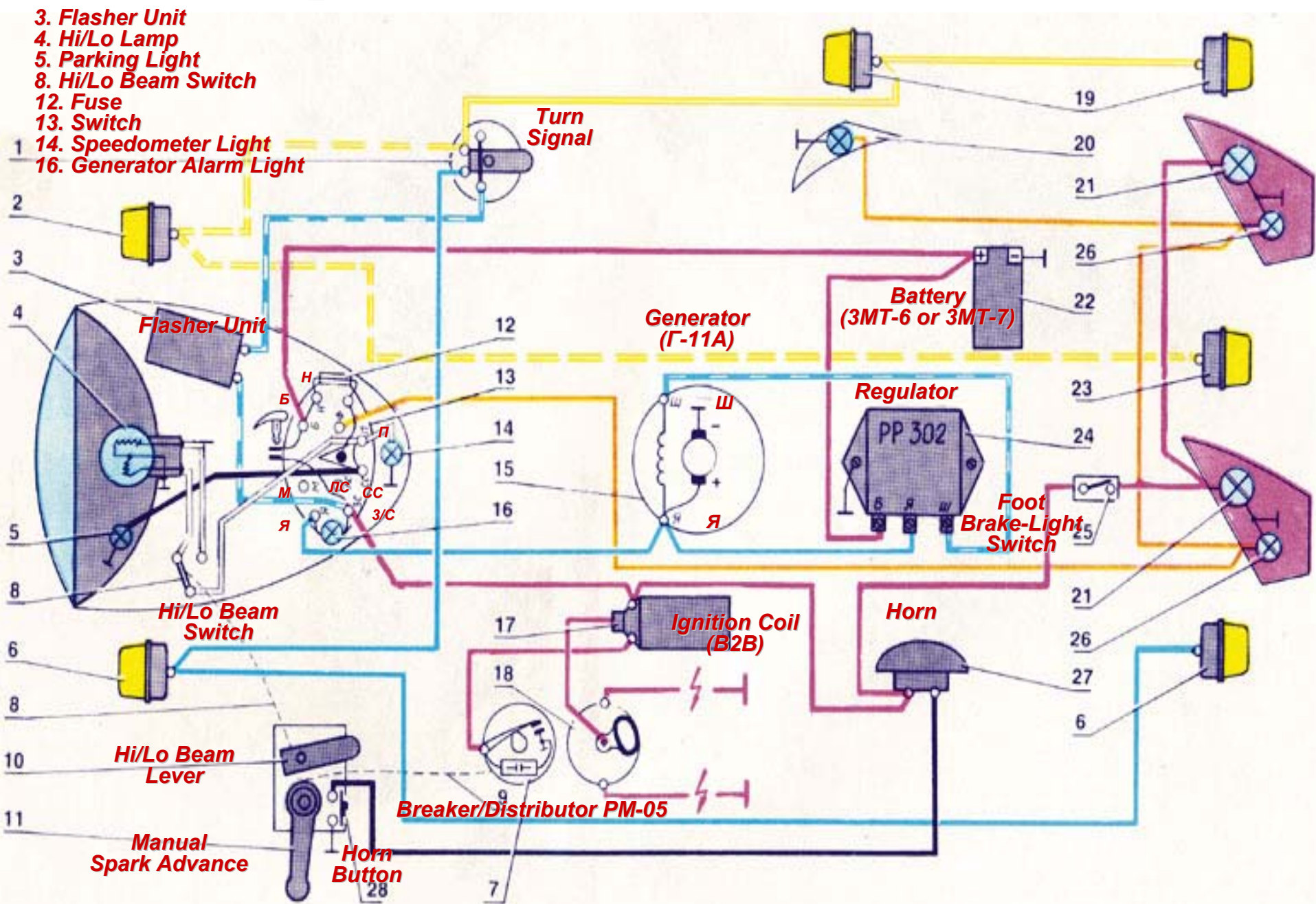
## with Г-11А generator and PP-31 regulator



1. Headlight
2. Parking light bulb
3. High and Low beam bulb
4. High beam/low beam electrical switch
5. Central switch
6. Fuse
7. Indicator light
8. front light of the sidecar
9. Sidecar lights fuse
10. Ignition key
11. Ignition setting lever with actuator cable

12. High beam/low beam mechanical actuator with cable
13. Signal button
14. Distributor
15. Spark plugs
16. Ignition coil
17. Points
18. Horn
19. Generator
20. Sidecar taillight
21. Relay automatic controller RR-1
22. Battery
23. Taillight

# Ural (Урал) M-72M, M-72K with PP-302 Regulator

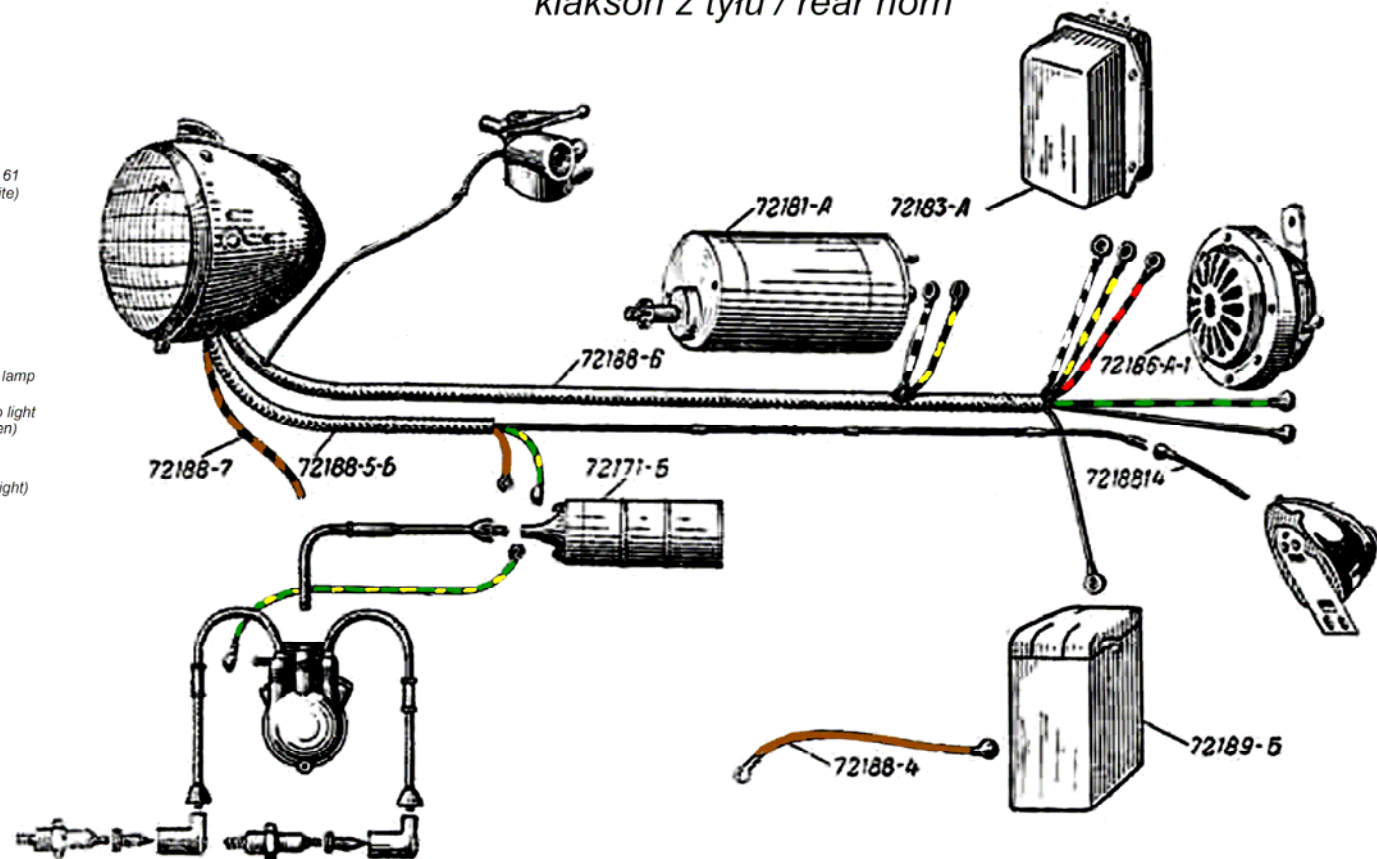
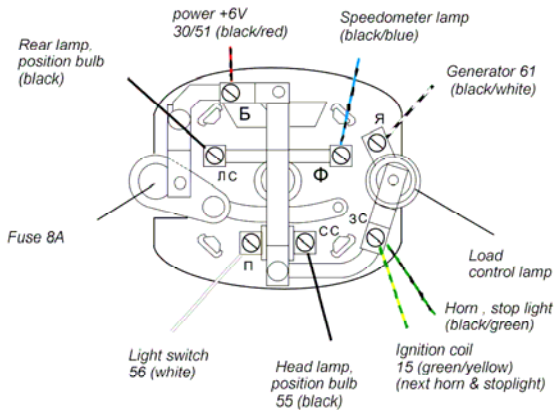




***M-72 after 1950, with Rear Horn*** ([www.oldercargarage.eu](http://www.oldercargarage.eu))

**Note: No Foot Brake-Light Switch**

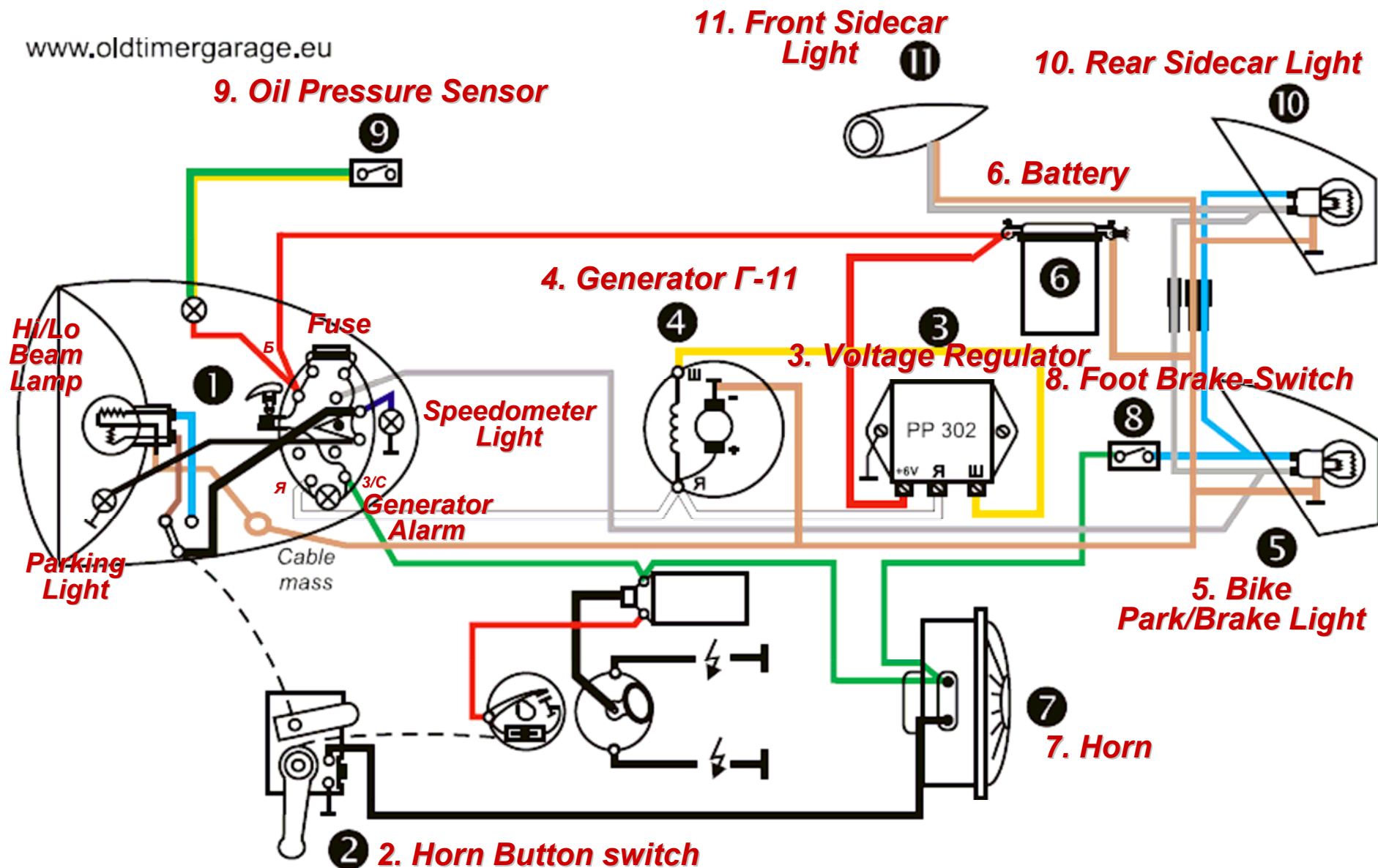
**M-72**  
od / after 1950  
klakson z tyłu / rear horn



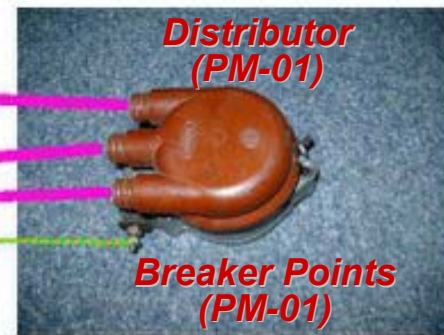
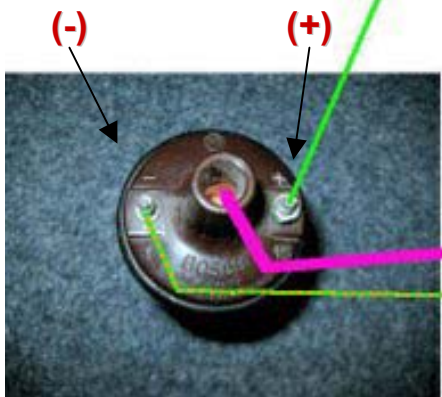
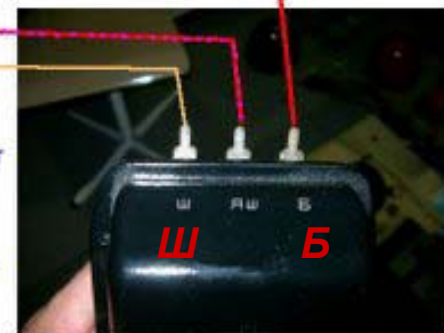
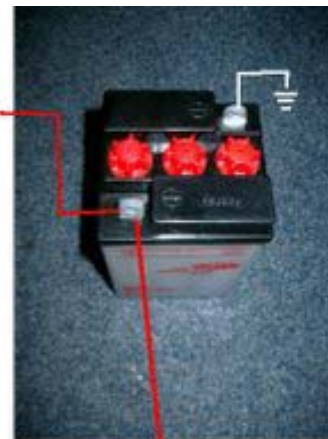
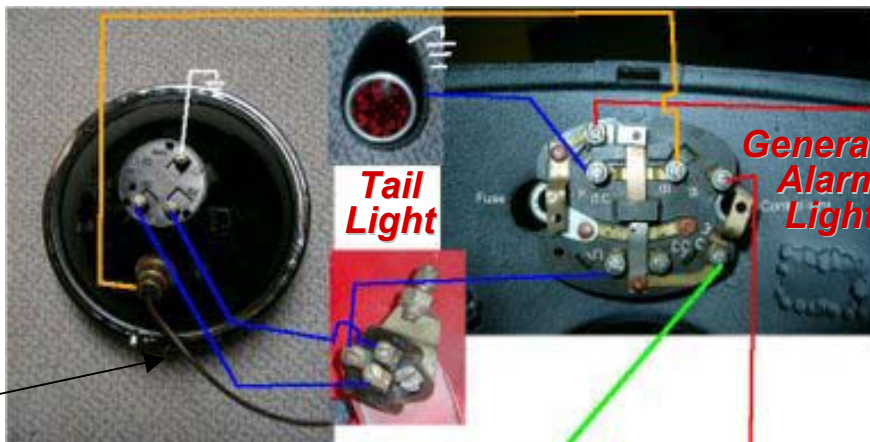
# Later Dnepr M-72 Wiring Diagram

(with voltage regulator PP-302, foot brake-switch and oil pressure sensor)  
([www.oldtimergarage.eu](http://www.oldtimergarage.eu))

[www.oldtimergarage.eu](http://www.oldtimergarage.eu)



# M-72 / K-750 Wiring Diagram



**Main switch**

б to plus battery and regulator  
я to generator  
ш to city light and speedo light  
ф to light switch  
cc  
3c to plus ignition coil, claxon and brake switch

б = 30 -51  
я = 61  
ш = 31  
ф = 58  
п = 56  
cc = 55  
3c = 15

**Minus on earth**



# Schematic for a Russian Motorcycle Headlight Assembly

**Three-Position Switch**  
(Run, Off, Park)

