

**WIRING DIAGRAM
FOR ELECTRIC EQUIPMENT
OF VAZ 21213 VEHICLE**

- 1. Front lights
- 2. Headlights
- 3. Headlight wiper motor
- 4. Horn
- 5. Headlight washer motor
- 6. Windscreen washer motor
- 7. Alternator

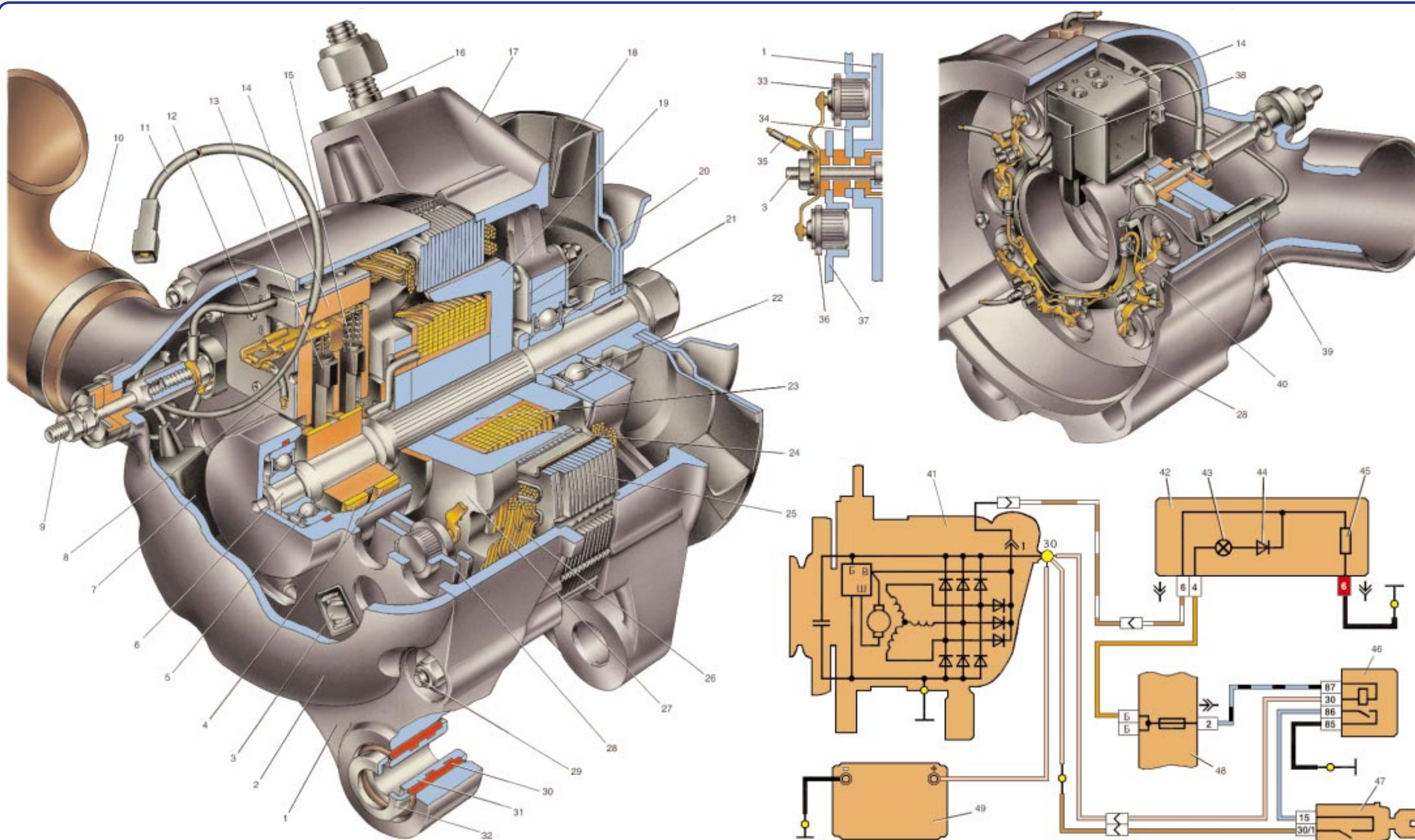
- 8. Turn indicator side repeater lights
- 9. Battery
- 10. Heater unit motor
- 11. Additional resistor for heater motor
- 12. Intermittent wiper relay
- 13. Starter motor
- 14. Windscreen wiper motor
- 15. Carburettor limit switch
- 16. Carburettor electromagnetic valve
- 17. Carburettor electromagnetic valve control unit
- 18. Ignition module

- 19. Spark plugs
- 20. Ignition distributor
- 21. Oil pressure warning light sensor
- 22. Temperature indicator sensor
- 23. Socket for inspection lamp
- 24. Ignition coil
- 25. Brake fluid level warning lamp sensor
- 26. Headlight wiper/wash relay
- 27. Heated rear window relay
- 28. Headlight main beam relay
- 29. Headlight dipped beam relay
- 30. Ignition relay

- 31. Starter "on" relay
- 32. Differential lock warning lamp switch
- 33. Exterior lighting switch
- 34. Cigarette lighter
- 35. Stop-signal switch
- 36. Reversing light switch
- 37. Intermittent direction indicator / hazard warning lights relay
- 38. Main fuse box
- 39. Additional fuse box
- 40. Heater controls illumination bulbs
- 41. Rear fog light switch

- 42. Heated rear window switch
- 43. Heater motor switch
- 44. Rear window wipe/wash switch
- 45. Hazard warning lights switch
- 46. Ignition switch
- 47. Carburettor choke warning lamp
- 48. Instrument lighting switch
- 49. 3-lever column switch
- 50. Choke warning lamp switch
- 51. Rear window washer motor
- 52. Door pillar light switch
- 53. Interior lights

- 54. Instrument cluster
 - 55. Number plate lights
 - 56. Handbrake warning light switch
 - 57. Fuel level / fuel remainder sensor
 - 58. Tail lights
 - 59. Rear window wiper motor
 - 60. Rear window heating element
- A. Pin numbers for column switch connectors



ALTERNATOR

Specification

Max.current at 13 V and rotor rate 5,000 RPM, A 55
 Adjustable range of voltage, V 14.1 ± 0.5
 Engine-to-alternator ratio 1 : 2.04

- 1. Slip ring end housing
- 2. Casing
- 3. Securing bolt, diode plate-to-stator winding phased pins

- 4. Slip rings
- 5. Armature shaft ballbearing, slip ring end
- 6. Rotor shaft
- 7. Condenser 2.2 uF± 20%
- 8. Common output lead, supplementary diodes
- 9. Terminal bolt extension (alternator '30' output for power consumption)
- 10. Air intake
- 11. Alternator output '61' lead
- 12. Voltage regulator output 'B' lead
- 13. Brush connected to voltage regulator 'B' output
- 14. Voltage regulator

- 15. Brushes connected to voltage regulator 'Ш' output
- 16. Alternator - to - tensioner securing stud
- 17. Drive end housing
- 18. Fan impeller with alternator pulley
- 19. Rotor pole tip, drive end
- 20. Bearing securing washers
- 21. Spacer
- 22. Rotor shaft ballbearing, drive end
- 23. Steel sleeve
- 24. Rotor winding (field winding)
- 25. Stator
- 26. Stator winding

- 27. Rotor pole face, slip ring end
- 28. Rectifier unit
- 29. Alternator pinch bolt
- 30. Buffer bush
- 31. Bush
- 32. Hold-down bush
- 33. Negative gate with "-" rectified current on the housing
- 34. Negative gate retainer
- 35. Stator winding phase pinout
- 36. Positive gate with "+" rectified current on the housing
- 37. Positive gate retainer
- 38. Brush holder

- 39. '61' output (common output of supplementary diodes)
- 40. Supplementary diode (for field winding)
- 41. Alternator
- 42. Instrument cluster
- 43. Battery charge warning light
- 44. Diode
- 45. Resistor 51 Ohm 5 W
- 46. Ignition relay
- 47. Ignition switch
- 48. Main fuse box
- 49. Battery