

Fig. 2. Wiring Diagram of Automobiles YA3-3962, YA3-2206, YA3-3909:

- 1 -front lamp; 2 -headlamp; 3 -brake failure warning lamp switch; 4 -special mark lamp; 5 -horn; 6 -cab dome lamp; 7 -switch; 8 -swivelling headlamp; 9 -headlamp; 10 -front lamp; 11 -horn button; 12 -stop-light switch; 13 -windshield washer; 14 -windshield wiper; 15 -heater resistor; 16 -heater motor; 17 -turn indicator switch; 18 -connection panel; 19 -turn indicators and emergency warning lamp relay; 20 -headlamp switch; 21 -windshield wiper switch; 22 -heater switch; 23 -main light switch; 24 -fuse unit; 25 -receptacle; 26 -thermal circuit breaker; 27 -rear fog lamp switch; 28 -emergency warning lamp switch; 29 -speedometer; 30 -turn indicator warning lamp; 31 -brake failure warning lamp; 32 -parking brake warning lamp; 33 -instrument panel; 34 -ignition switch; 35 -carburettor electronic control unit; 36 -receptacle; 37 -dome lamp switch; 38, 39 -interior dome lamp; 40 -parking brake warning lamp switch; 41 -heater motor; 42 -heater resistor; 43 -heater switch; 44 -fuse; 45 -transistor commutator; 46 -emergency vibrator; 47 -alternator; 48 -oil emergency pressure transmitter; 49 -oil pressure transmitter; 50 -coolant temperature transmitter; 51 -coolant emergency temperature transmitter; 52 -auxiliary resistor; 53 -starter relay; 54 -carburettor solenoid valve; 55 -carburettor electronic control solenoid valve; 56 -microswitch; 57-60 -spark plug; 61 -pickup-distributor; 62 -ignition coil; 63- starter; 65 -storage battery; 66 -ground switch; 66 -backing lamp switch; 67, 68 -side repeater; 69 -fuel level transmitter; 70 -rear lamp; 71 -licence plate lamp; 72 -rear fog lamp; 73 -backing lamp; 74 -rear lamp

Positions 4 and 8 are not installed on the automobiles YA3-2206, YA3-3909

Wire Colour Code:

Б - white; Г - blue; Ж - yellow; 3 - green; К - red; Коп - brown; Оп - orange; С - grey; Φ - violet; Ч - black

Wire designation denotes: the first one or two numerals (before a slant line) denote the instrument number in the diagram to which this wire is connected; one or several letters (after a slant line) denote the wire colour; the last one or four signs denote the wire conventional number in the diagram

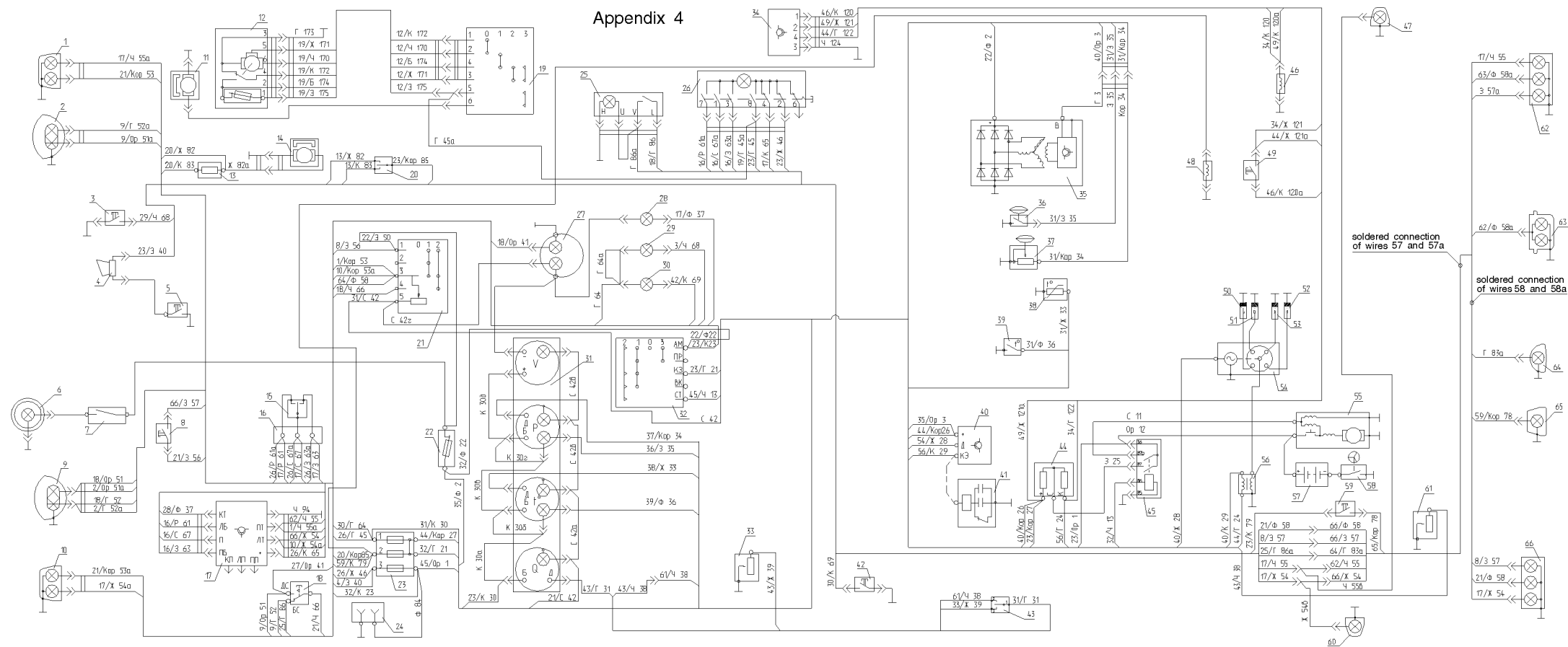


Fig. 3. Wiring Diagram of Automobile YA3-3303:

1 -front lamp; 2 -headlamp; 3 -brake failure warning lamp switch; 4 -horn; 5 -horn button; 6 -cab dome lamp; 7 -dome lamp switch; 8 -stop-light switch; 9 -headlamp; 10 -front lamp; 11 -windshield washer; 12 -windshield wiper; 13 -heater resistor; 14 -heater motor; 15 -turn indicator switch; 16 -connection panel; 17 -turn indicators and emergency warning lamp relay; 18 -headlamp switch; 19 -windshield wiper switch; 20 -heater switch; 21 -main light switch; 22 -thermal circuit breaker; 23 -fuse unit; 24 -receptacle; 25 -emergency warning lamp switch; 26 -rear fog lamp switch; 27 -speedometer; 28 -turn indicator warning lamp; 29 -brake failure warning lamp; 30 -parking brake warning lamp; 31 -instrument panel; 32 -ignition switch; 33 -fuel level transmitter; 34 -carburettor electronic control unit; 35 -alternator 665.3701 or 161.3771; 36 -oil emergency pressure transmitter; 37 -oil pressure transmitter; 38 -coolant temperature transmitter; 39 -coolant emergency temperature transmitter; 40 -transistor commutator; 41 -emergency vibrator; 42 -parking brake warning lamp switch; 43 -fuel level gauge switch; 44 -additional resistance; 45 -starter relay; 46 -carburettor electronic control solenoid valve; 47 -side repeater; 48 -carburettor solenoid valve; 49 -microswitch; 50-53 -spark plug; 54 -pickup-distributor; 55 -starter; 56 -ignition coil; 57 -storage battery; 58 -ground switch; 59 -backing lamp switch; 60 -side repeater; 61 -oil level transmitter; 62 -rear lamp; 63 -licence plate lamp; 64 -rear fog lamp; 65 -backing lamp; 66 -rear lamp

Wire Colour Code:

Б - white; Г - blue; Ж - yellow; 3 - green; К - red; Коп - brown; Оп - orange; С - grey; Ф - violet; Ч - black

Wire designation denotes: the first one or two numerals (before a slant line) denote the instrument number in the diagram to which this wire is connected; one or several letters (after a slant line) denote the wire colour; the last one or four signs denote the wire conventional number in the diagram

Appendix 4

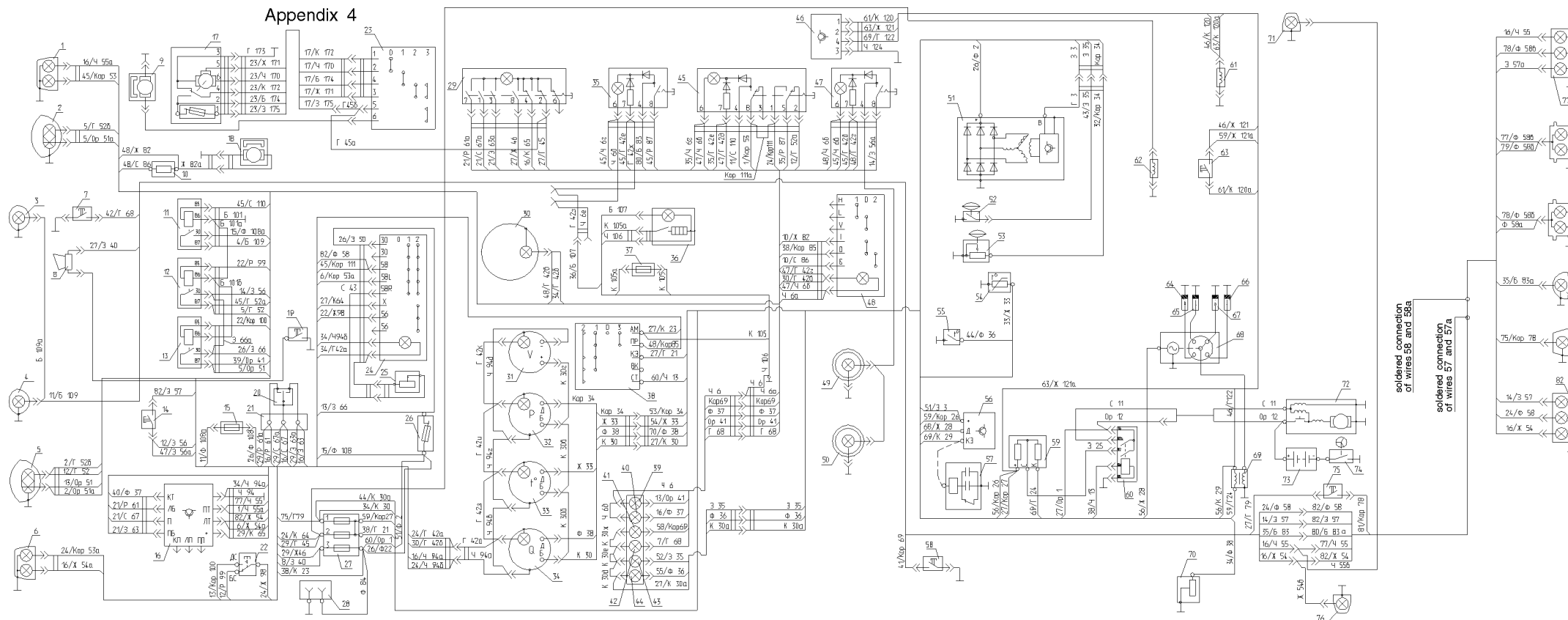


Fig. 4. Wiring Diagram of Automobile YA3-39094:

- 1 -front lamp; 2 -headlamp; 3,4 -fog lamp; 5 -headlamp; 6 -front lamp; 7 -brake failure warning lamp switch; 8 -horn; 9 -electric washer; 10 -heater resistor; 11 -fog lamp relay; 12, 13 -headlamp switch relay; 14 -stop-light switch; 15 -fog lamp switch; 16 -turn indicators and emergency warning lamp relay; 17 -windshield wiper; 18 -heater motor; 19 -horn button; 20 -turn indicator switch; 21 -connection panel; 22 -headlamp switch; 23 -windshield wiper switch; 24 -outer lighting switch; 25 -instrument lighting rheostat; 26 -thermal circuit breaker; 27 -fuse unit; 28 -receptacle; 29 -emergency warning lamp switch; 30 -speedometer; 31 -voltmeter; 32 -oil pressure gauge; 33 -coolant temperature gauge; 34 -fuel level gauge; 35 -rear fog lamp switch; 36 -cigarette lighter; 37 -cigarette lighter fuse; 38 -ignition switch; 39 -high beam warning lamp; 40 -turn indicator warning lamp; 41 -parking brake warning lamp; 42 -brake failure warning lamp; 43 -oil emergency pressure warning lamp; 44 -coolant emergency temperature warning lamp; 45 -fog lamp switch; 46 -carburettor electronic control unit; 47 -cab dome lamp switch; 48 -heater switch; 49 -cab dome lamp; 50 -interior dome lamp; 51 -alternator; 52 -oil emergency pressure transmitter; 53 -oil pressure transmitter; 54 -coolant temperature transmitter; 55 -coolant emergency temperature transmitter; 56 -transistor commutator; 57 -emergency vibrator; 58 -parking brake warning lamp switch; 59 -additional resistance; 60 -starter relay; 61 -carburettor electronic control solenoid valve; 62 -carburettor solenoid switch; 63 -microswitch; 64-67 -spark plug; 68 -pickup-distributor; 69 -ignition coil; 70 -fuel level transmitter; 71 -side repeater; 72 -starter; 73 -storage battery; 74 -ground switch; 75 -backing lamp switch; 76 -side repeater; 77 -rear lamp; 78, 79 -licence plate lamp; 80 -rear fog lamp; 81 -backing lamp; 82 -rear lamp

Wire Colour Code:

Б - white; Г - blue; Ж - yellow; 3 - green; К - red; Коп - brown; Оп - orange; С - grey; Ф - violet; Ч - black

Wire designation denotes: the first one or two numerals (before a slant line) denote the instrument number in the diagram to which this wire is connected; one or several letters (after a slant line) denote the wire colour; the last one or four signs denote the wire conventional number in the diagram

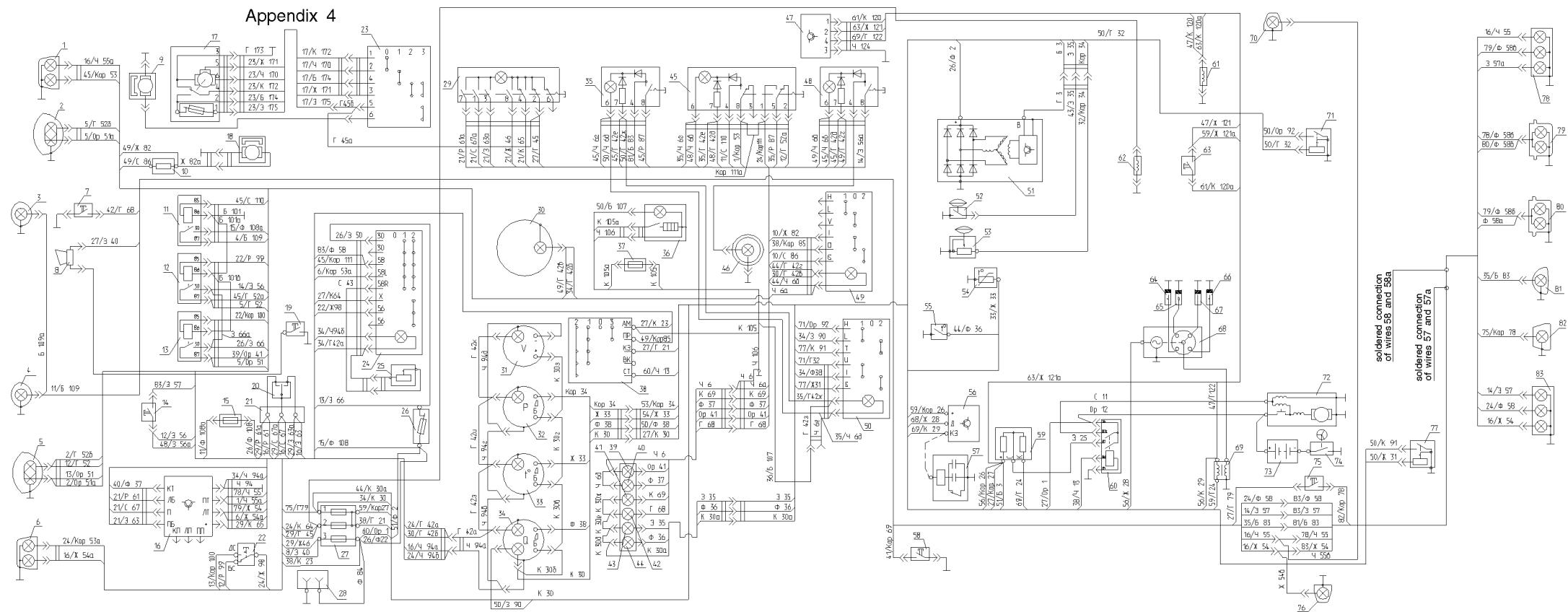


Fig. 5. Wiring Diagram of Automobile YA3-39095:

1 -front lamp; 2 -headlamp; 3,4 -fog lamp; 5 -headlamp; 6 -front lamp; 7 -brake failure warning lamp switch; 8 -horn; 9 -electric washer; 10 -heater resistor; 11 -fog lamp relay; 12, 13 -headlamp switch relay; 14 -stop-light switch; 15 -fog lamp fuse; 16 -turn indicators and emergency warning lamp relay; 17 -windshield wiper; 18 -heater motor; 19 -horn button; 20 -turn indicator switch; 21 -connection panel; 22 -headlamp switch; 23 -windshield wiper switch; 24 -outer lighting switch; 25 -instrument lighting rheostat; 26 -thermal circuit breaker; 27 -fuse unit; 28 -receptacle; 29 -emergency warning lamp switch; 30 -speedometer; 31 -voltmeter; 32 -oil pressure transmitter; 33 -coolant temperature transmitter; 34 -fuel level gauge; 35 -rear fog lamp switch; 36 -cigarette lighter; 37 -cigarette lighter fuse; 38 -ignition switch; 39 -high beam warning lamp; 40 -turn indicator warning lamp; 41 -parking brake warning lamp; 42 -brake failure warning lamp; 43 -oil emergency pressure warning lamp; 44 -coolant emergency temperature warning lamp; 45 -fog lamp switch; 46 -cab dome lamp; 47 -carburettor electronic control unit; 48 -interior dome lamp switch; 49 -heater switch; 50 -fuel level transmitter selector switch; 51 -alternator 665.3701 or 16.3771; 52 -oil emergency pressure transmitter; 53 -oil pressure transmitter; 54 -coolant temperature transmitter; 55 -coolant emergency temperature transmitter; 56 -transistor commutator; 57 -emergency vibrator; 58 -parking brake warning lamp switch; 59 -additional resistance; 60 -starter relay; 61 -carburettor electronic control solenoid valve; 62 -carburettor solenoid valve; 63 -microswitch; 64-67 -spark plug; 68 -pickup-distributor; 69 -ignition coil; 70 -side repeater; 71, 77 -fuel level transmitter; 72 -starter; 73 -storage battery; 74 -ground switch; 75 -backing lamp switch; 76 -side repeater; 78 -rear lamp; 79, 80 -licence plate lamp; 81 -rear fog lamp; 82 -backing lamp; 83 -rear lamp

Wire Colour Code:

Б - white; Г- blue; Ж - yellow; 3 - green; К- red; Kop - brown; Op - orange; С - grey; Φ - violet; Ч - black

Wire designation denotes: the first one or two numerals (before a slant line) denote the instrument number in the diagram to which this wire is connected; one or several letters (after a slant line) denote the wire colour; the last one or four signs denote the wire conventional number in the diagram

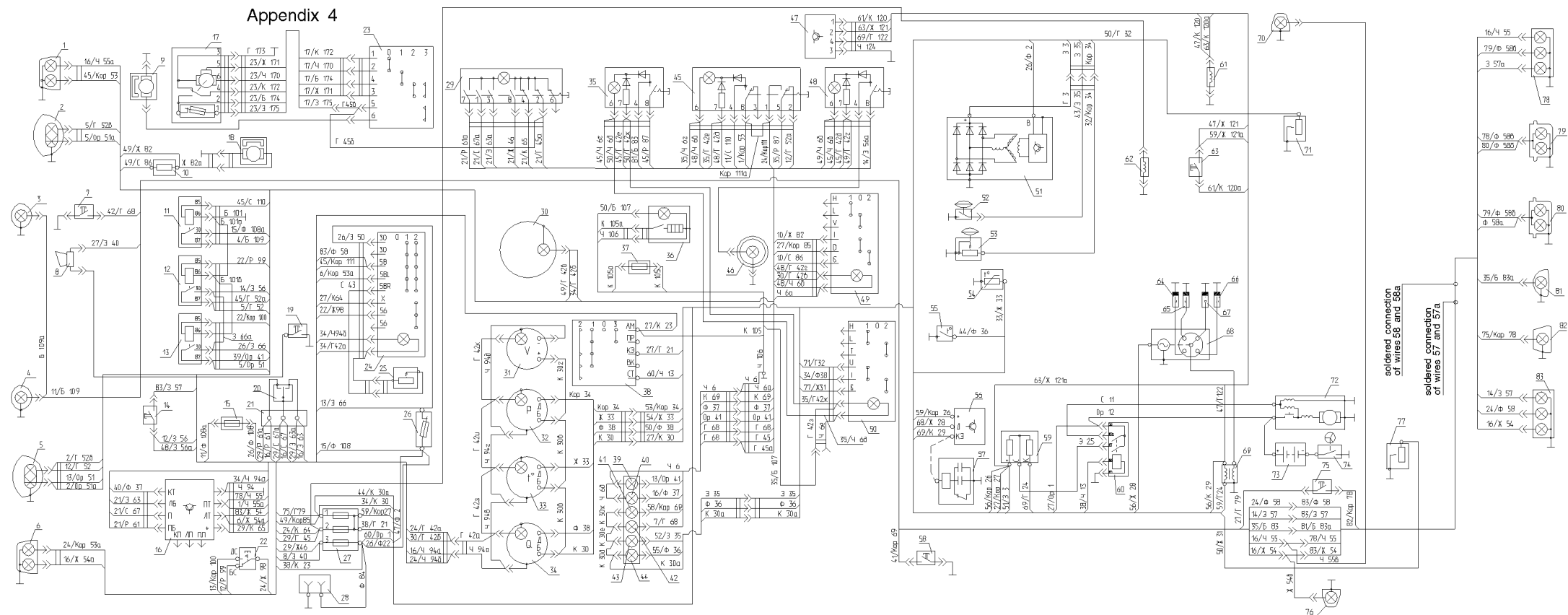


Fig. 6. Wiring Diagram of Automobile YA3-33036:

1 -front lamp; 2 -headlamp; 3,4 -fog lamp; 5 -headlamp; 6 -front lamp; 7 -brake failure warning lamp switch; 8 -horn; 9 -electric washer; 10 -heater resistor; 11 -fog lamp relay; 12, 13 -headlamp switch relay; 14 -stop-light switch; 15 -fog lamp fuse; 16 -turn indicators and emergency warning lamp relay; 17 -windshield wiper; 18 -heater motor; 19 -horn button; 20 -turn indicator switch; 21 -connection panel; 22 -headlamp switch; 23 -windshield wiper switch; 24 -outer lighting switch; 25 -instrument lighting rheostat; 26 -thermal circuit breaker; 27 -fuse unit; 28 -receptacle; 29 -emergency warning lamp switch; 30 -speedometer; 31 -voltmeter; 32 -oil pressure transmitter; 33 -coolant temperature transmitter; 34 -fuel level gauge; 35 -rear fog lamp switch; 36 -cigarette lighter; 37 -cigarette lighter fuse; 38 -ignition switch; 39 -high beam warning lamp; 40 -turn indicator warning lamp; 41 -parking brake warning lamp; 42 -brake failure warning lamp; 43 -oil emergency pressure warning lamp; 44 -coolant emergency temperature warning lamp; 45 -fog lamp switch; 46 -cab dome lamp; 47 -carburettor electronic control unit; 48 -interior dome lamp switch; 49 -heater switch; 50 -fuel level transmitter selector switch; 51 -alternator 665.3701-01; 52 -oil emergency pressure transmitter; 53 -oil pressure transmitter; 54 -coolant temperature transmitter; 55 -coolant emergency temperature transmitter; 56 -transistor commutator; 57 -emergency vibrator; 58 -parking brake warning lamp switch; 59 -additional resistance; 60 -starter relay; 61 -carburettor electronic control solenoid valve; 62 -disbalance valve solenoid valve; 63 -microswitch; 64-67 -spark plug; 68 -pickup-distributor; 69 -ignition coil; 70 -side repeater; 71, 77 -fuel level transmitter; 72 -starter; 73 -storage battery; 74 -ground switch; 75 -backing lamp switch; 76 -side repeater; 78 -rear lamp; 79, 80 -licence plate lamp; 81 -rear fog lamp; 82 -backing lamp; 83 -rear lamp

Wire Colour Code:

Б - white; Г- blue; Ж - yellow; 3 - green; К- red; Kop - brown; Op - orange; С - grey; Φ - violet; Ч - black

Wire designation denotes: the first one or two numerals (before a slant line) denote the instrument number in the diagram to which this wire is connected; one or several letters (after a slant line) denote the wire colour; the last one or four signs denote the wire conventional number in the diagram