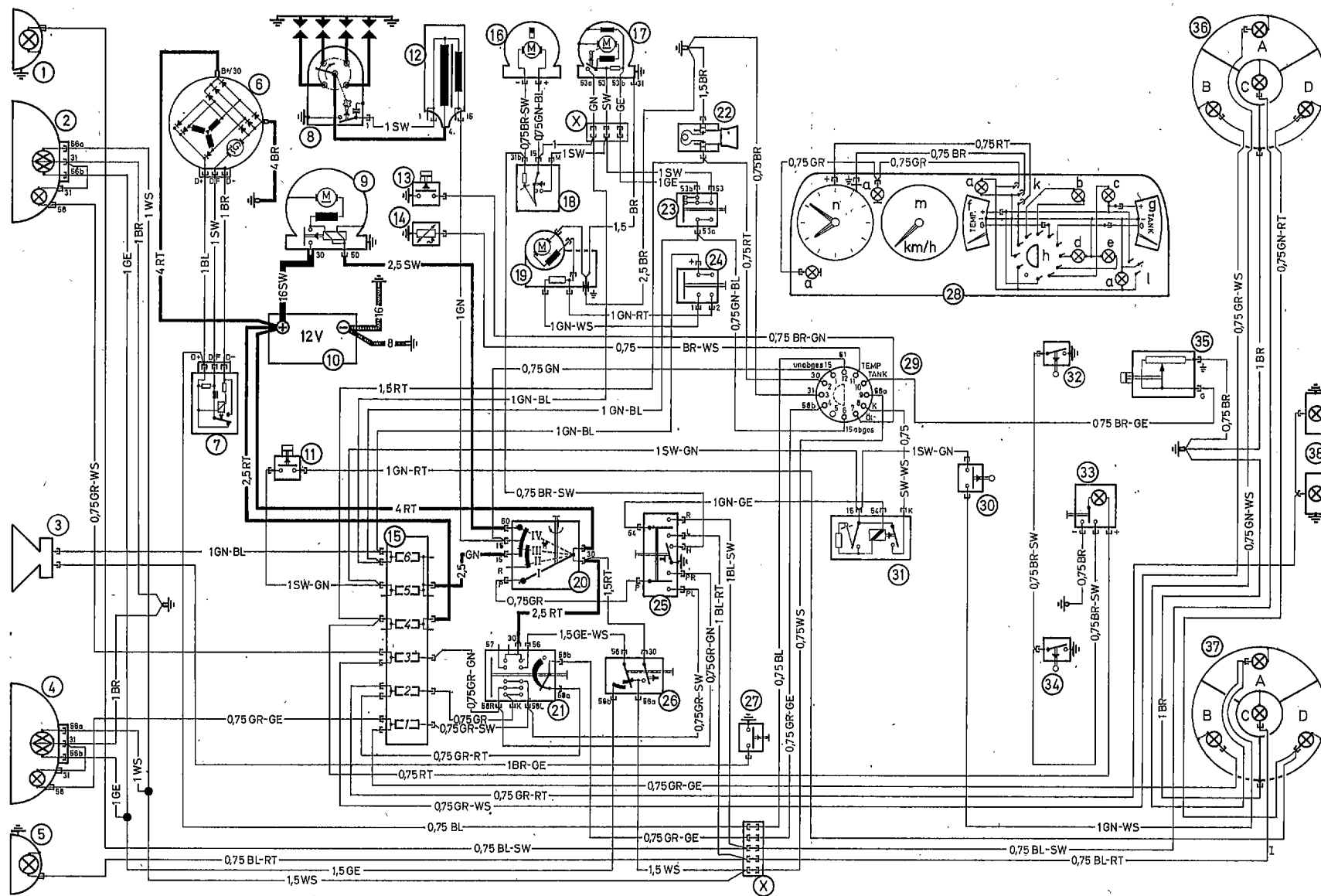


Electrical wiring diagram



BMW 1600-2 (12 Volt)

Key to Electrical wiring diagram

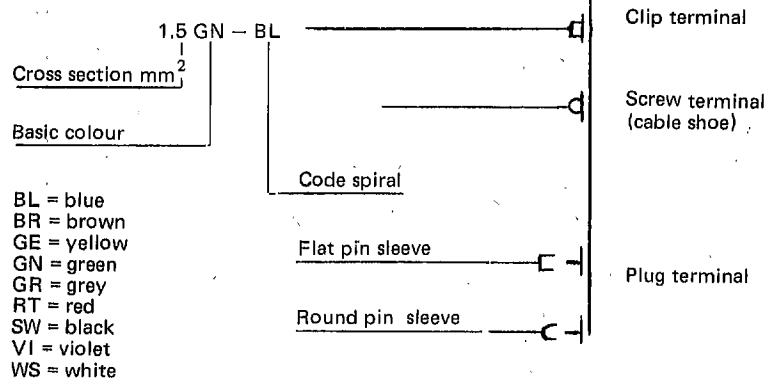
- 1 Turn indicator, front RH
 - 2 Headlight, RH with parking light
 - 3 Horn
 - 4 Headlight, LH with parking light
 - 5 Turn indicator, front LH
 - 6 Alternator
 - 7 Regulator
 - 8 Distributor
 - 9 Starter
 - 10 Battery
 - 11 Stop light switch
 - 12 Ignition coil
 - 13 Oil pressure contact
 - 14 Remote thermometer sensor
 - 15 Fuse box
 - 16 Windshield washer pump
 - 17 Windshield wiper motor
 - 18 Delay relay
 - 19 Heater blower
 - 20 Ignition/starter switch
- Switch positions:
- I Stop
 - II Garage
 - III Drive
 - IV Start

- 21 Light switch
- 22 Cigar lighter
- 23 Windshield wiper switch
- 24 Heater switch
- 25 Turn indicator/parking light/
windshield washer switch
- 26 Dipswitch with flasher unit
- 27 Horn ring
- 28 Instrument panel
 - a) Instrument lighting
 - b) Charge telltale (red)
 - c) Oil pressure telltale (orange)
 - d) Main beam telltale (blue)
 - e) Turn indicator telltale (green)
 - f) Water temperature gauge
 - g) Fuel gauge
 - h) 12-pole plug
 - k). 3-pole plug (clock)
 - l) 3-pole plug (revolution counter)
 - m) Speedometer
 - n) Clock
- 29 12-pole round plug for instrument
panel (seen from cable side)
- 30 Reversing light switch

- 31 Flasher unit
- 32 Door switch RH
- 33 Interior light
- 34 Door switch LH
- 35 Fuel gauge sensor
- 36 Rear lights, RH
 - A Reversing light
 - B Rear light
 - C Turn indicator
 - D Stop light
- 37 Rear lights, LH
 - A Reversing light
 - B Rear light
 - C Turn indicator
 - D Stop light
- 38 Number plate light
- X Flat pin connector

Firing order: 1 - 3 - 4 - 2

Cable coding:



BL = blue
BR = brown
GE = yellow
GN = green
GR = grey
RT = red
SW = black
VI = violet
WS = white

BMW 1600-2 USA (12 Volt)

Key to Electrical wiring diagram

- 1 Turn indicator, front RH with parking light
- 2 Headlight, RH
- 3 Horn
- 4 Headlight, LH
- 5 Turn indicator, front LH with parking light
- 6 Alternator
- 7 Regulator
- 8 Distributor
- 9 Starter
- 10 Battery
- 11 Stop light switch
- 12 Ignition coil
- 13 Oil pressure switch
- 14 Remote thermometer sensor
- 15 Fuse box
- 16 Windshield washer pump
- 17 Windshield wiper motor
- 18 Delay relay
- 19 Heater blower

- 20 Ignition/starter switch

Switch positions:

- I Stop
- II Garage
- III Drive
- IV Start

- 21 Light switch
- 22 Cigar lighter
- 23 Windshield wiper switch
- 24 Heater switch
- 25 Turn indicator and windshield washer switch
- 26 Dipswitch with flasher unit
- 27 Horn ring
- 28 Instrument panel
- a) Instrument lighting
- b) Charge telltale (red)
- c) Oil pressure telltale (orange)
- d) Main beam telltale (blue)
- e) Turn indicator telltale (green)
- f) Water temperature gauge
- g) Fuel gauge
- h) 12-pole plug
- k) 3-pole plug for clock
- l) 3-pole plug for revolution counter

- m) Speedometer
- n) Clock
- p) Brake telltale with test switch
- 29 12-pole round plug for instrument panel (seen from cable side)
- 30 Reversing light switch
- 31 Switch for warning flasher unit
- 32 Warning flasher sensor
- 33 Door switch, RH
- 34 Interior light
- 35 Door switch, LH
- 36 Fuel gauge sensor
- 37 Rear lights, RH
- A Reversing light
- B Rear light
- C Turn indicator
- D Stop light
- 38 Rear lights, LH
- A Reversing light
- B Rear light
- C Turn indicator
- D Stop light
- 39 Number plate light
- 40 Warning buzzer
- 41 Warning buzzer contact
- X Flat pin connector

Firing Order: 1 - 3 - 4 - 2

Cable coding:

1.5 GN - BL

Cross section mm²

Basic colour

BL = blue
BR = brown
GE = yellow
GN = green
GR = grey
RT = red
SW = black
VI = violet
WS = white

Code spiral

Flat pin sleeve

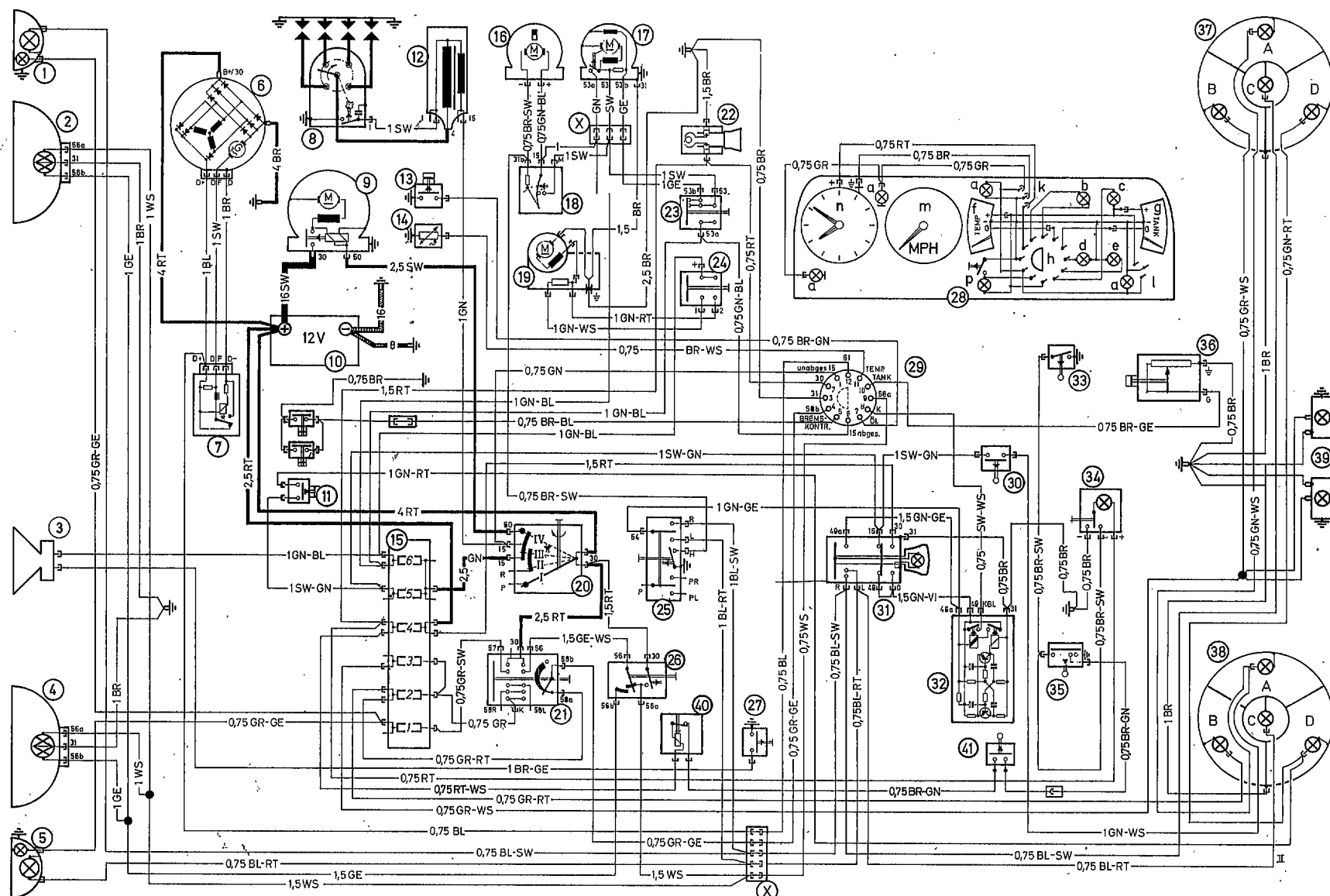
Round pin sleeve

Clip terminal

Screw terminal (cable shoe)

Plug terminal

Electrical wiring diagram



- 1 Turn indicator, front RH
- 2 Headlights, RH with parking light
- 4 Headlight, LH with parking light
- 5 Turn indicator, front LH
- 6 Alternator
- 7 Regulator
- 8 Distributor
- 9 Starter
- 10 Battery
- 11 Stop light switch
- 12 Ignition coil
- 13 Oil pressure switch
- 14 Remote thermometer sensor
- 15 Fuse box
- 16 Windshield washer pump
- 17 Windshield wiper motor
- 18 Delay relay
- 19 Heater blower
- 20 Ignition/starter switch

Switch positions:

- I Stop
- II Garage
- III Drive
- IV Start

- 21 Light switch
 - 22 Cigar lighter
 - 23 Windshield wiper switch
 - 24 Heater switch
 - 25 Turn indicator/parking light/
windshield washer switch
 - 26 Dipswitch with flasher unit
 - 27 Horn ring
 - 28 Instrument panel
 - a) Instrument lighting
 - b) Charge telltale (red)
 - c) Oil pressure telltale (orange)
 - d) Main beam telltale (blue)
 - e) Turn indicator telltale (green)
 - f) Water temperature gauge
 - g) Fuel gauge
 - h) 12-pole plug
 - k) 3-pole plug (clock)
 - l) 3-pole plug (revolution counter)
 - m) Speedometer
 - n) Clock
 - 29 12-pole round plug for instrument panel
(seen from cable side)
 - 30 Reversing light switch
 - 31 Flasher unit
 - 32 Door switch RH
 - 33 Interior light
 - 34 Door switch LH
 - 35 Fuel gauge sensor
 - 36 Rear lights, RH
 - A Reversing light
 - B Rear light
 - C Turn indicator
 - D Stop light
 - 37 Rear lights, LH
 - A Reversing light
 - B Rear light
 - C Turn indicator
 - D Stop light
 - 38 Number plate light
 - 39 Horn, RH
 - 40 Horn, LH
 - 41 Horn relay
 - X Flat pin connector
- Firing Order: 1 - 3 - 4 - 2**

1.5 GN - BL

Cross section mm²

Basic colour

Code spiral

Clip terminal

Screw terminal (Cable shoe)

Flat pin sleeve

Round pin sleeve

Plug terminal

BL = blue
BR = brown
GE = yellow
GN = green
GR = grey
RT = red
SW = black
VI = violet
WS = white

BMW 2002 USA (12 Volt)

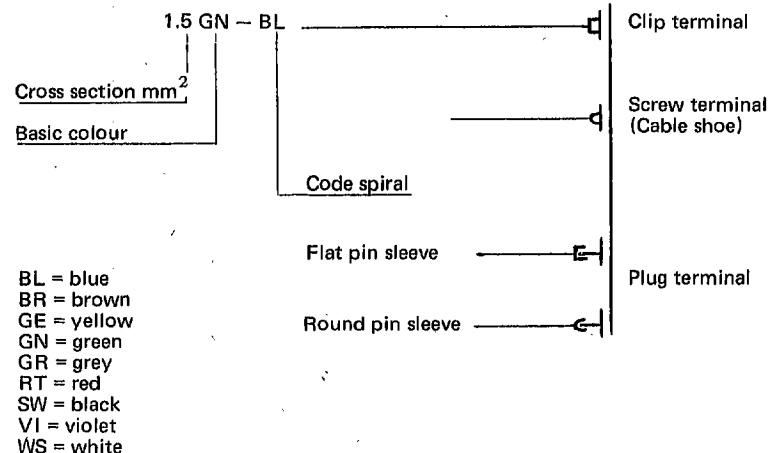
Key to electrical wiring diagram

- 1 Turn indicator, front RH with parking light
 - 2 Headlight, RH
 - 4 Headlight, LH
 - 5 Turn indicator, LH with parking light
 - 6 Alternator
 - 7 Regulator
 - 8 Distributor
 - 9 Starter
 - 10 Battery
 - 11 Stop light switch
 - 12 Ignition coil
 - 13 Oil pressure switch
 - 14 Remote thermometer sensor
 - 15 Fuse box
 - 16 Windshield washer pump
 - 17 Windshield wiper motor
 - 18 Delay relay
 - 19 Heater blower
 - 20 Ignition/starter switch
- Switch positions:
- I Stop
 - II Garage
 - III Drive
 - IV Start

- 21 Light switch
 - 22 Cigar lighter
 - 23 Windshield wiper switch
 - 24 Heater switch
 - 25 Turn indicator/windshield washer switch
 - 26 Dipswitch with flasher unit
 - 27 Horn ring
 - 28 Instrument panel
- a) Instrument lighting
 - b) Charge telltale (red)
 - c) Oil pressure telltale (orange)
 - d) Main beam telltale (blue)
 - e) Turn indicator telltale (green)
 - f) Water temperature gauge
 - g) Fuel gauge
 - h) 12-pole plug
 - k) 3-pole plug for clock
 - l) 3-pole plug for revolution counter
 - m) Speedometer
 - n) Clock
 - p) Brake telltale with test switch
- 29 12-pole round plug for instrument panel (seen from cable side)

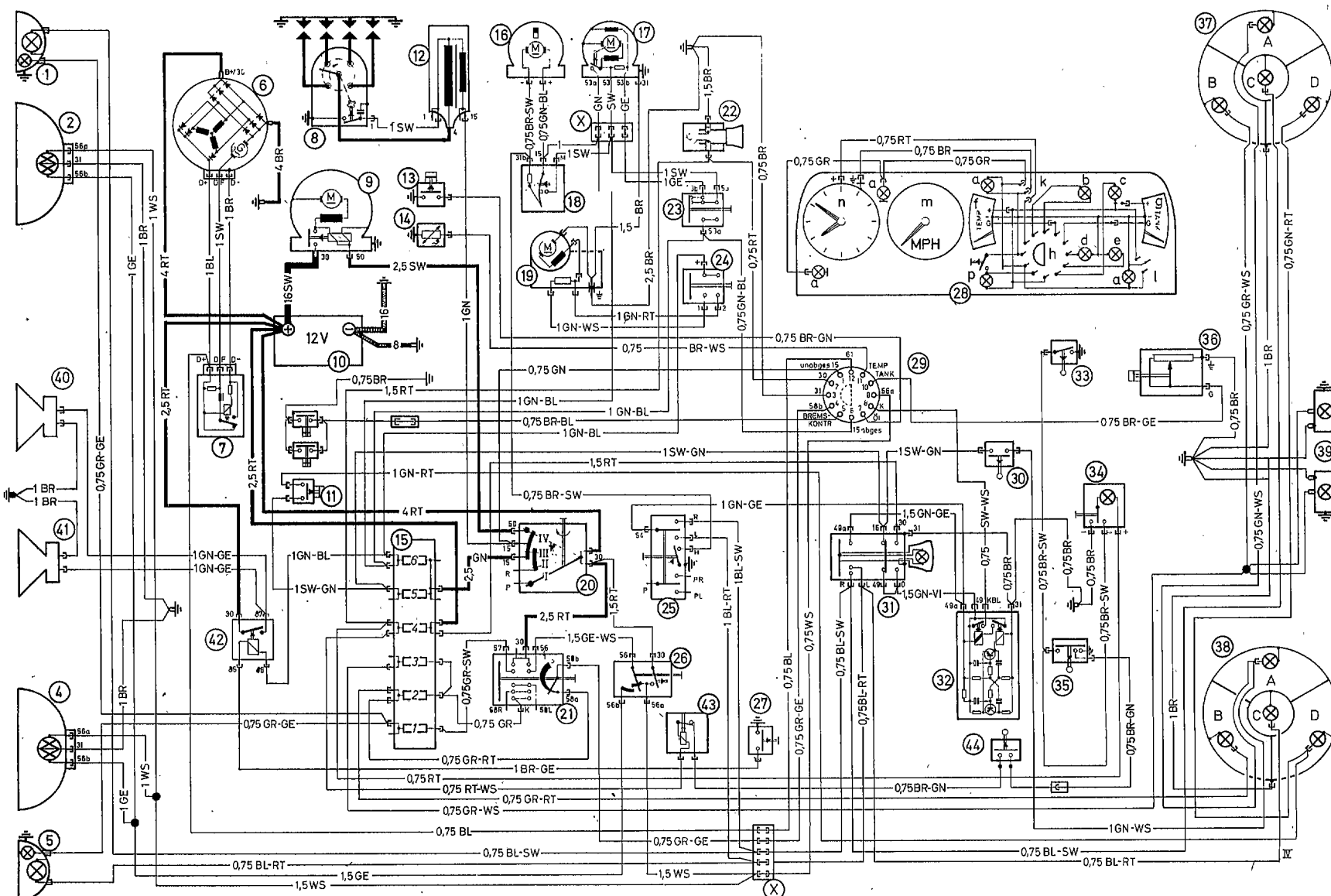
- 30 Reversing light switch
 - 31 Switch for warning flasher unit
 - 32 Warning flasher sensor
 - 33 Door switch, RH
 - 34 Interior light
 - 35 Door switch, LH
 - 36 Fuel gauge sensor
 - 37 Rear lights, RH
- A Reversing light
 - B Rear light
 - C Turn indicator
 - D Stop light
- 38 Rear lights, LH
- A Reversing light
 - B Rear light
 - C Turn indicator
 - D Stop light
- 39 Number plate light
 - 40 Horn, RH
 - 41 Horn, LH
 - 42 Horn relay
 - 43 Warning buzzer
 - 44 Warning buzzer contact
 - X Flat pin connector

Cable coding:

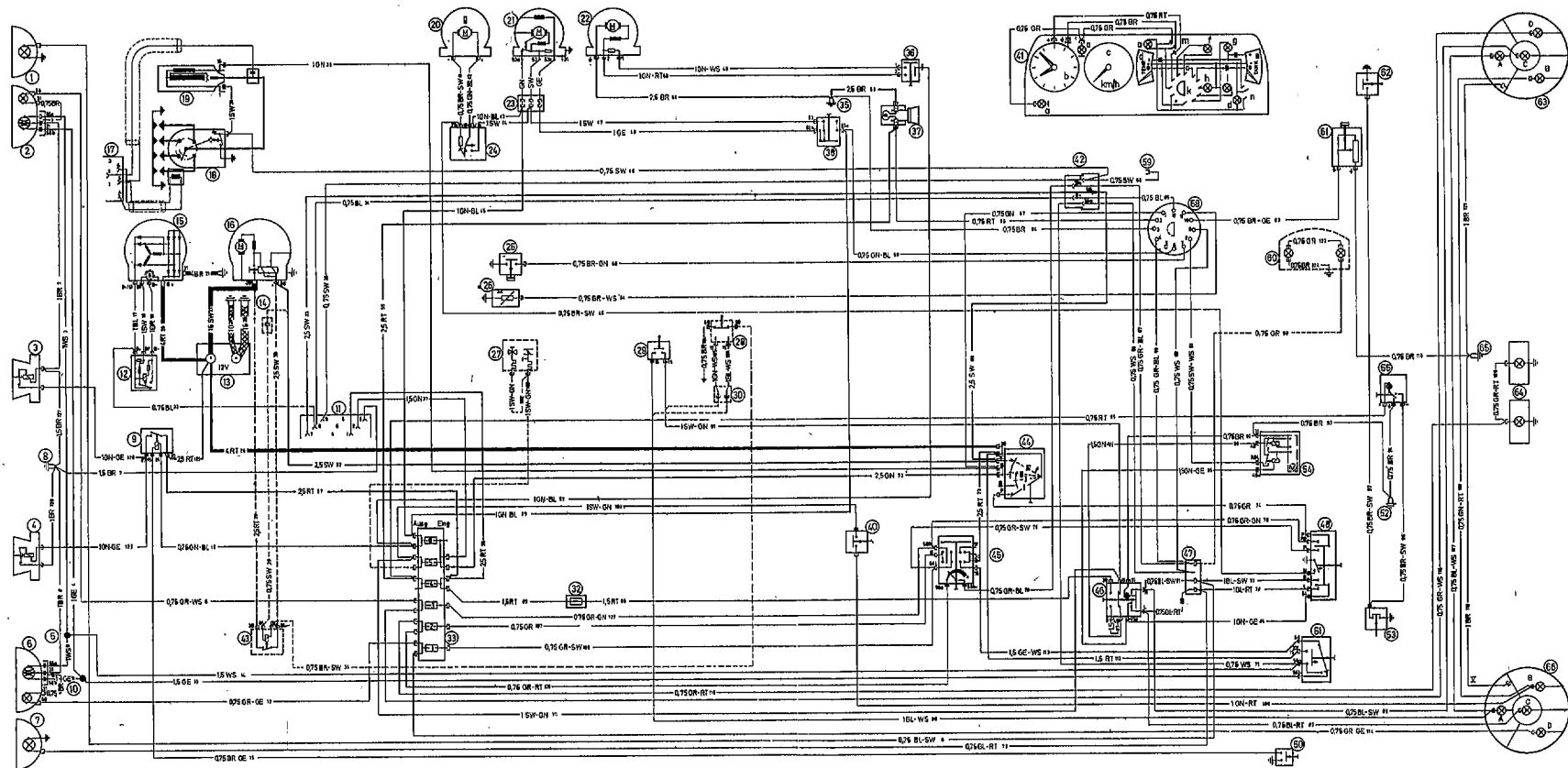


Firing order: 1 - 3 - 4 - 2

Electrical wiring diagram



Electrical wiring diagram



BMW 2002/Automatic (12 Volt)

Key to electrical wiring diagram

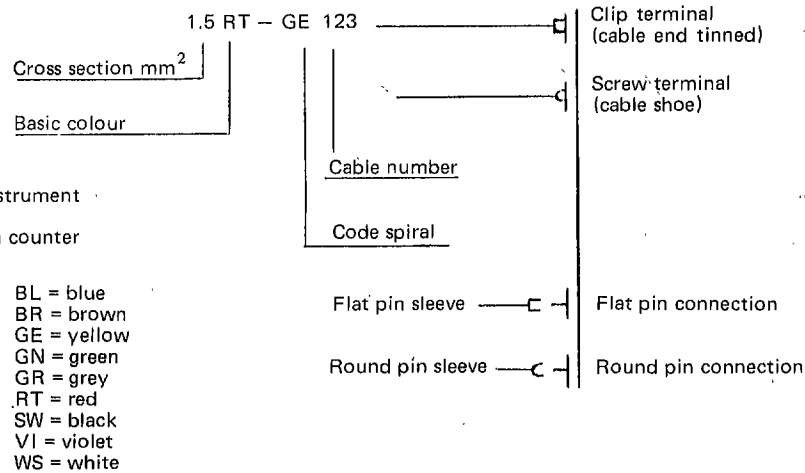
- 1 Turn indicator, front RH
- 2 Headlight, RH with parking light
- 3 Horn, RH
- 4 Horn, LH
- 5 Soldering point (56a)
- 6 Headlight, LH with parking light
- 7 Turn indicator, front LH
- 8 Earth
- 9 Horn relay
- 10 Soldering point (56b)
- 11 Connection for diagnosis instrument
- 12 Regulator
- 13 Battery
- 14 Plug connection for starter relay
- 15 Generator
- 16 Starter
- 17 Connection for diagnosis instrument with line and sensor
- 18 Distributor
- 19 Ignition coil
- 20 Windshield washer pump
- 21 Windshield wiper motor
- 22 Blower motor
- 23 3-pole plug connection for wiper motor
- 24 Delay relay
- 25 Oil pressure switch
- 26 Remote thermometer sensor

- 27 Auto choke carburettor (only with automatic transmission)
- 28 Reversing light switch with starter lock (only on automatic transmission)
- 29 Reversing light switch
- 30 2-pole plug connection (only with automatic transmission)
- 32 Flying fuse
- 33 Fuse box
- 35 Earth
- 36 Blower switch
- 37 Cigar lighter
- 38 Wiper switch
- 40 Stop light switch
- 41 Instrument panel
 - a) Instrument lighting
 - b) Clock
 - c) Speedometer
 - d) Cooling water temperature gauge
 - e) Fuel gauge
 - f) Charge telltale (red)
 - g) Oil pressure telltale (orange)
 - h) Main beam telltale (blue)
 - i) Turn indicator telltale (green)
 - k) 12-pole plug
 - m) 3-pole plug (clock)
 - n) 3-pole plug (revolution counter)
- 42 5-pole plug
- 43 Starter relay (only with automatic trans.)

- 44 Ignition/starter switch
- Switch positions:
- I Stop
 - II 0
 - III Drive
 - IV Start

- 45 Light switch
- 46 Warning flasher switch
- 47 4-pole plug
- 48 Turn indicator switch
- 50 Horn button
- 51 Dipswitch
- 52 Earth
- 53 Door switch, LH
- 54 Warning flasher sensor
- 55 Interior light
- 58 12-pole connector for instrument panel
- 59 Connector for revolution counter
- 60 Gate lighting
- 61 Fuel gauge sensor
- 62 Door switch, RH
- 63 Rear lights, RH
 - A Reversing light
 - B Stop light
 - C Turn indicator
 - D Rear light
- 64 Number plate light
- 65 Earth
- 66 Rear lights, LH
 - A Reversing light
 - B Stop light
 - C Turn indicator
 - D Rear light

Cable coding:



Firing order: 1 - 3 - 4 - 2

BMW 2002 TI (12 Volt)

Key to Electrical wiring diagram

- 1 Turn indicator, front RH
- 2 Headlight, RH with parking light
- 3 Horn RH
- 4 Horn LH
- 5 Headlight, LH with parking light
- 6 Turn indicator, front LH
- 7 Alternator
- 8 Regulator
- 9 Horn relay
- 10 Distributor
- 11 Starter
- 12 Battery
- 13 Stop light switch
- 14 Ignition coil
- 15 Oil pressure switch
- 16 Remote thermometer sensor
- 17 Fuse box
- 18 Windshield washer pump
- 19 Windshield wiper motor
- 20 Delay relay
- 21 Heater blower

22 Ignition/starter switch

Switch positions:

- I Stop
- II Garage
- III Drive
- IV Start
- 23 Light switch
- 24 Cigar lighter
- 25 Windshield wiper switch
- 26 Blower switch
- 27 Turn indicator/parking light/windshield washer switch
- 28 Dipswitch with flasher unit
- 29 Horn ring
- 30 Instrument panel
 - a) Instrument lighting
 - b) Charge telltale (red)
 - c) Oil pressure telltale (orange)
 - d) Main beam telltale (blue)
 - e) Turn indicator telltale (green)
 - f) Water temperature gauge
 - g) Fuel gauge
 - h) 12-pole plug
 - k) 3-pole plug for clock
 - l) 3-pole plug for revolution counter
 - m) Speedometer
 - n) Clock

- p) Revolution counter
- 31 12-pole round plug for instrument panel (seen from cable side)
- 32 Reversing light switch
- 33 Flasher unit
- 34 Cable for heated backlight (special equipment)
- 35 Door switch, RH
- 36 Interior light
- 37 Door switch, LH
- 38 Fuel gauge sensor
- 39 Rear lights, RH
 - A Reversing light
 - B Rear light
 - C Turn indicator
 - D Stop light
- 40 Rear lights, LH
 - A Reversing light
 - B Rear light
 - C Turn indicator
 - D Stop light
- 41 Number plate light
- X Flat pin connector

Firing order: 1 - 3 - 4 - 2

Cable coding:

1.5 GN - BL

Cross section mm²

Basic colour

BL = blue
BR = brown
GE = yellow
GN = green
GR = grey
RT = red
SW = black
VI = violet
WS = white

Code spiral

Flat pin sleeve

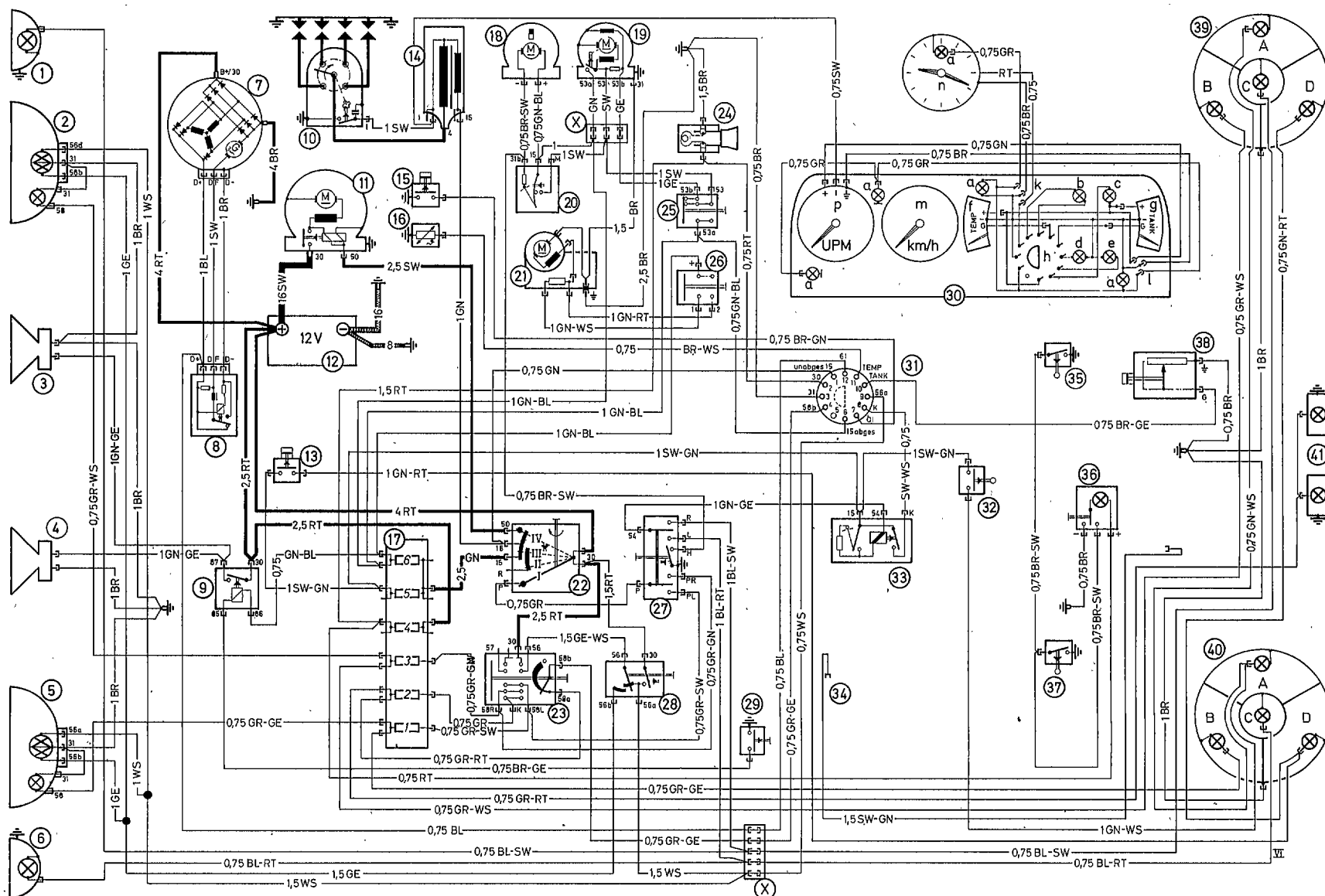
Round pin sleeve

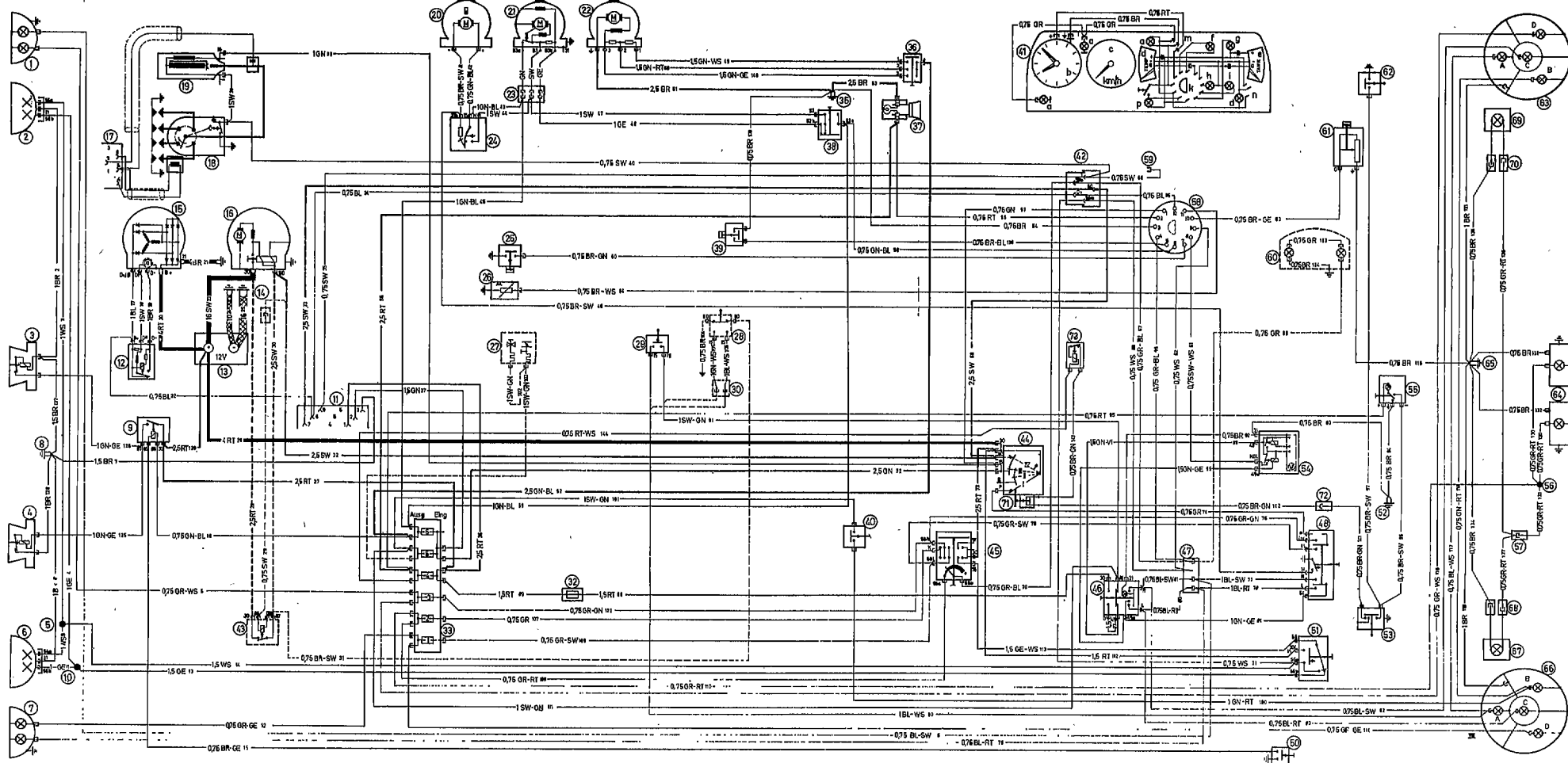
Clip terminal

Screw terminal (cable shoe)

Plug terminal

Electrical wiring diagram

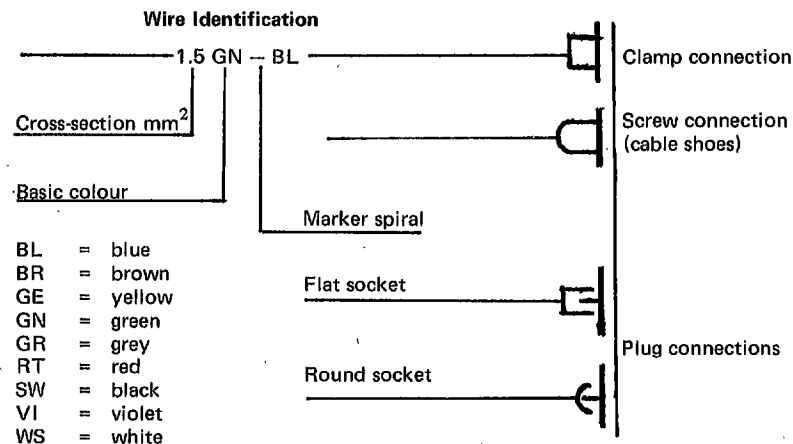




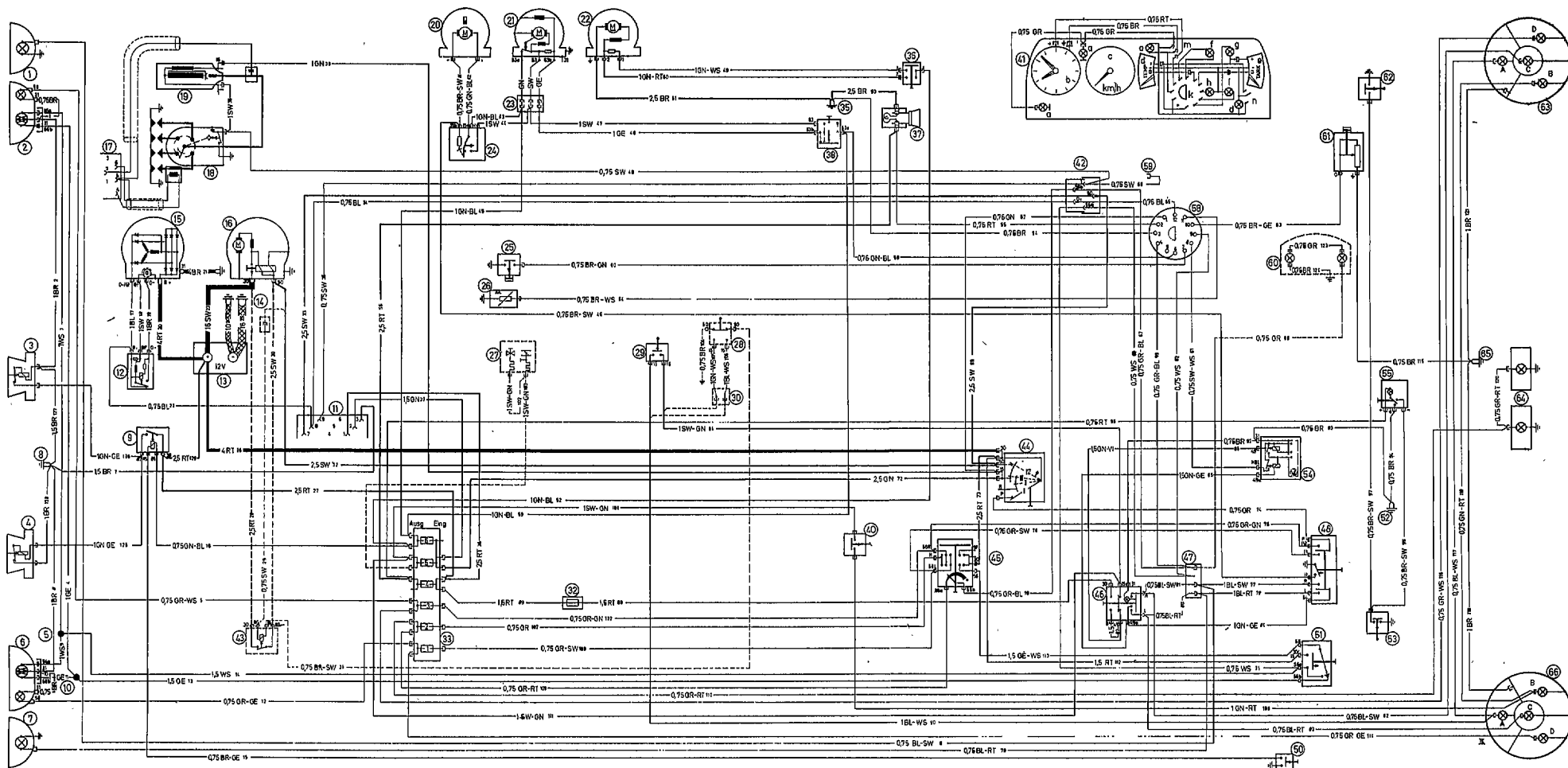
61-0/16

Wiring diagram BMW 1600 US from chassis No. 1 571 959, 2002 US from chassis No. 1 676 808, 2002 A-US from chassis No. 2 532 126

- | | | |
|--|--|---|
| 1 Front R.H. flasher with parking light | 40 Brake light switch | 65 Earth (ground) |
| 2 R.H. headlight | 41 Instrument set | 66 L.H. rear light |
| 3 R.H. fanfare horn | a = Illuminated scale | A = Reversing light |
| 4 L.H. fanfare horn | b = Clock | B = Brake light |
| 5 Solder point (56a) | c = Speedometer | C = Flasher |
| 6 L.H. headlight | d = Coolant temp. gauge | D = Tail light |
| 7 Front L.H. flasher with parking light | e = Fuel gauge | 67 L.H. side marker light |
| 8 Earth (ground) | f = Charging lamp (red) | 68 Side marker light connection |
| 9 Fanfare relay | g = Oil pressure control (orange) | 69 Right hand side marker light |
| 10 Solder point (56b) | h = Headlight beam control (blue) | 70 Side marker light connection |
| 11 Test equipment connection | i = Flasher control (green) | 71 Warning buzzer contact |
| 12 Regulator | k = 12 pin plug connection | 72 Connections for warning buzzer contact |
| 13 Battery | m = 3 pin plug connection (clock) | 73 Warning buzzer |
| 14 Plug connector for starter-relay | n = 3 pin plug connection (rev. counter) | |
| 15 Generator | p = Brake fluid level telltale (red) | |
| 16 Starter | 42 5 pin plug connection | |
| 17 Connection for test equipment with lead pick-up | 43 Starter-relay (only with auto. trans.) | |
| 18 Distributor | 44 Ignition switch | |
| 19 Ignition coil | I = off; II = O; III = on; IV = start | |
| 20 Windshield washer pump | 45 Light switch | |
| 21 Windshield wiper motor | 46 Hazard flasher switch | |
| 22 Blower motor | 47 4 pin plug connection | |
| 23 3 pin plug conn. to wiper motor | 48 Turn indicator switch | |
| 24 Retard relay | 49 | |
| 25 Oil pressure switch | 50 Signal button | |
| 26 Remote therm. transmitter | 51 Dip switch | |
| 27 Auto. choke carb. (and with auto. transmission) | 52 Earth (ground) | |
| 28 Reversing light switch with starter lock (only with auto. transmission) | 53 Door double contact | |
| 29 Reversing light switch | 54 Hazard flasher | |
| 30 2 pin plug connection (only with automatic transmission) | 55 Interior light | |
| 31 | 56 Solder position | |
| 32 Floating fuse | 57 Plug connection for side lights | |
| 33 Fuse box | 58 12 pin plug conn. to instrument cluster | |
| 34 | 59 Revolution counter connection | |
| 35 Earth (ground) | 60 Selector gate light | |
| 36 Blower switch | 61 Fuel gauge level transmitter | |
| 37 Cigar lighter | 62 R.H. door contact | |
| 38 Wiper switch | 63 R.H. rear light | |
| 39 Brake fluid level telltale switch | A = Reversing light | |
| | B = Brake light | |
| | C = Flasher | |
| | D = Tail light | |
| | 64 Licence plate lights | |



¹⁾ Only with automatic transmission





1	Front right-hand flasher	41	Instrument set
2	R.H. headlight with parking light		a = Illuminated scale
3	Right-hand fanfare		b = Revolution counter
4	Left-hand fanfare		c = Speedometer
5	Solder point (56 a)		d = Coolant temp. gauge
6	L.H. headlight with parking light		e = Fuel gauge
7	Front left-hand flasher		f = Charging lamp (red)
8	Earth (ground)		g = Oil pressure control (orange)
9	Fanfare relay		h = Headlight beam control (blue)
10	Solder point (56 b)		i = Flasher control (green)
11	Test equipment connection		k = 12 pin plug connection
12	Regulator		m = 3 pin plug connection (clock)
13	Battery		n = 3 pin plug (rev. counter)
14		42	5 pin plug connection
15	Generator	43	
16	Starter	44	Ignition switch
17	Connection for test equipment with lead and pick up		I = Stop; II = 0; III = Drive; IV = Start
18	Distributor	45	Light switch
19	Ignition coil	46	Hazard flasher switch
20	Windshield washer pump	47	4 pin plug connection
21	Windshield wiper motor	48	Turn indicator switch
22	Blower motor	49	
23	3 pin plug connection to wiper motor	50	Horn button
24	Retard relay	51	Dip switch
25	Oil pressure switch	52	Earth (ground)
26	Remote reading therm. transmitter	53	Left-hand door contact
27		54	Hazard flasher
28		55	Interior light
29	Reversing light switch	56	
30		57	
31		58	12 pin plug connection to instrument cluster
32	Floating fuse	59	Clock
33	Fuse box	60	
34		61	Fuel gauge transmitter
35	Earth (ground)	62	Right-hand door contact
36	Blower switch	63	Right-hand rear light
37	Cigar lighter		A = Reversing light
38	Wiper switch		B = Brake light
39			C = Flasher
40	Brake light switch		D = Tail light

-
- Wire Identification**
- | | | |
|----|---|--------|
| BL | = | blue |
| BR | = | brown |
| GE | = | yellow |
| GN | = | green |
| GR | = | grey |
| RT | = | red |
| SW | = | black |
| VI | = | violet |
| WS | = | white |
- Diagram Details:**
- Cable:** 1.5 GN — BL
 - Cross-section:** mm²
 - Basic colour:** (indicated by a bracket pointing to the GN and BL wires)
 - Marker spiral:** (indicated by a bracket pointing to the spiral on the BL wire)
 - Connections:**
 - Clamp connection
 - Screw connection (cable shoes)
 - Flat socket
 - Round socket
 - Plug connections:** (indicated by a bracket pointing to the flat and round socket connections)

Wiring diagram BMW 1602/71, 1802/71, 2002/71, 2002/71 Automatic

- 1 Front right-hand flasher

2 R.H. headlight with parking light

3 R.H. fanfare

4 Left-hand fanfare

5 Connection for fog lamp relay

6 L.H. headlight with parking light

7 Front left-hand flasher

8 Earth (ground)

9 Fanfare relay

10 Solder point

11 Test equipment connection

12 Regulator

13 Battery

14 Electrical system connection

15 Generator

16 Starter

17 Connection for test equipment with lead and pick up

18 Distributor

19 Ignition coil

20 Windshield washer pump

21 Windshield wiper motor

22 Blower motor

23 5 pin plug terminal to wiper motor

24 Radio connection

25 Oil pressure switch

26 Remote reading therm. transmitter

27 Auto. starter carburettor (only with automatic transmission)

28 Reversing light switch with starter lock (only with auto. transmission)

29 Reversing light switch

30 2 pin plug term. (only for auto. trans.)

31 Connection for fuel pump

32 Solder point

33 Fuse box

34 Solder point

35 Earth (ground)

36 Blower switch

37 Cigar lighter
- 38 Wiper speed switch

39 Wiper-Washer transmitter

40 Brake light switch

41 Instrument cluster

a = Illuminated scale

b = Clock

c = Speedometer

d = Coolant temperature gauge

e = Fuel gauge

f = Charging lamp (red)

g = Oil pressure control (orange)

h = High beam telltale (blue)

i = Flasher (green)

k = 12 pin plug terminal

m = 3 pin plug (clock)

n = 3 pin plug (rev. counter)

o = Central control lamp (Choke, handbrake, fuel)

42 5 pin plug terminal

43 Starter relay (only with auto. trans.)

44 Ignition switch

I = Off; II = 0; III = On; IV = Start

45 Light switch

46 Hazard flasher switch

47 9 pin plug to turn indicator switch

48 Turn indicator switch

49 6 pin plug to dip switch

50 Signal button

51 Dip switch

52 Number plate light and fog lamp connection

53 Left-hand door contact

54 Hazard flasher

55 Interior light

56 Heater rear window connection

57 Selector lever light connection

58 12 pin plug to instrument cluster

59 Heated rear window
- 60 Selector gate light

61 Fuel gauge transmitter

62 Right-hand door contact

63 Right-hand rear light

A = Reversing light

B = Brake light

C = Flasher

D = Tail light

64 Number plate light

65 Earth (ground)

66 Left-hand rear light

A = Reversing light

B = Brake light

C = Flasher

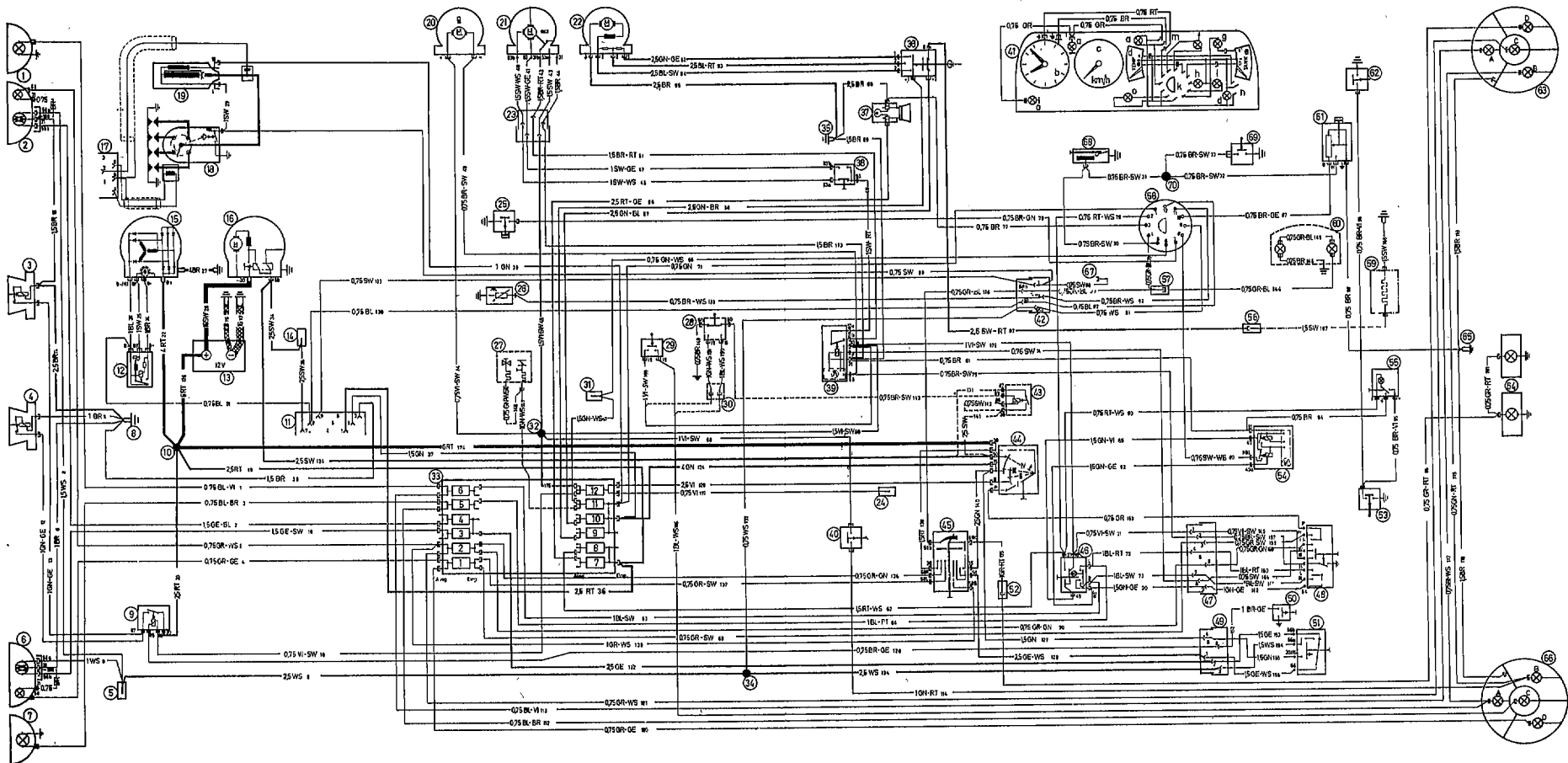
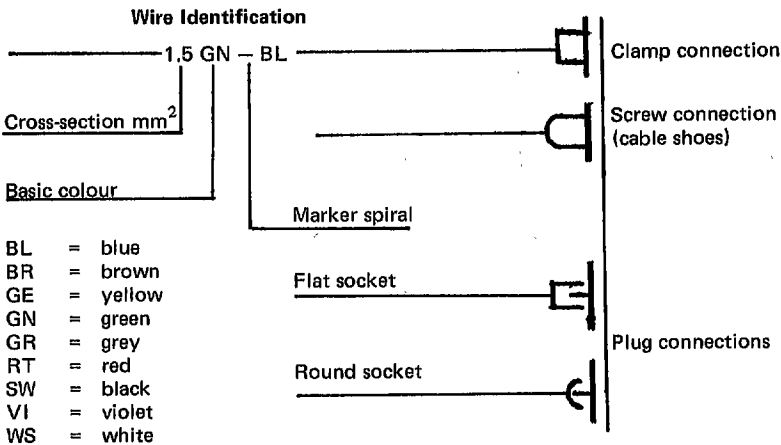
D = Tail light

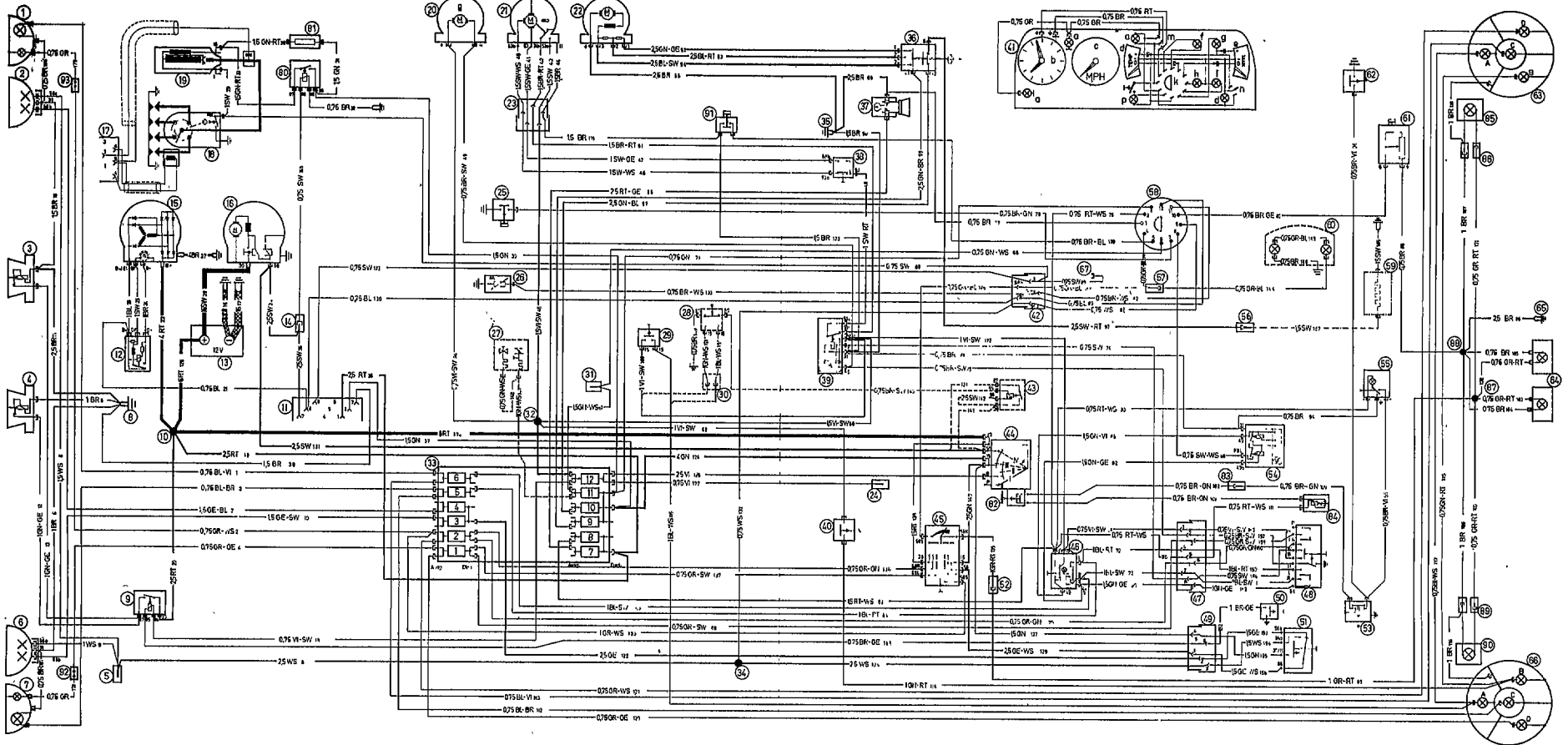
67 Revolution counter connection

68 Choke

69 Hand-brake switch

70 Solder point

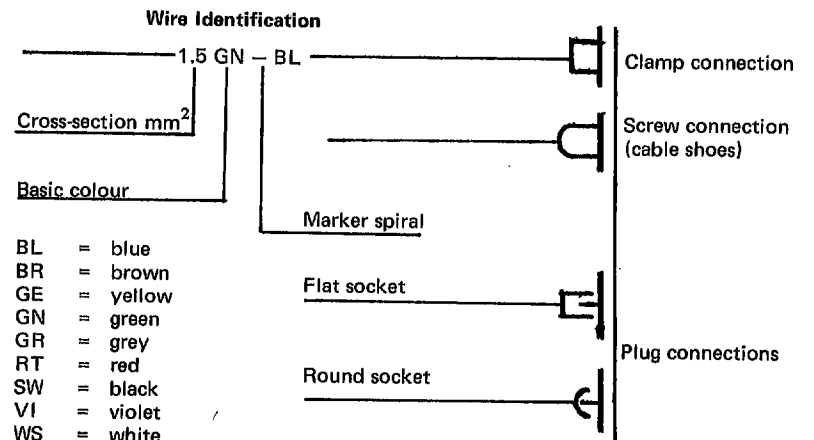




61-0/32

Wiring diagram BMW 1602 USA, 2002 USA, 2002 Automatic USA

- | | | | |
|--|---|--------------------------------|--------------------------------------|
| 1 Front R.H. flasher with parking light | 38 Wiper speed switch | 61 Fuel gauge transmitter | 75 |
| 2 Right-hand headlight | 39 Wiper washer transmitter | 62 Door contact | 76 |
| 3 Right-hand fanfare | 40 Brake light switch | 63 Right-hand rear light | 77 |
| 4 Left-hand fanfare | 41 Instrument set | A = Reversing light | 78 |
| 5 Connection for fog lamp relay | a = Illuminated scale | B = Brake light | 79 |
| 6 Left-hand headlight | b = Clock | C = Flasher | 80 HT ignition system relay |
| 7 Front L.H. flasher with parking light | c = Tachometer | D = Tail light | 81 Series resistance |
| 8 Earth (ground) | d = Coolant temperature gauge | 64 Number plate light | 82 Buzzer contact |
| 9 Fanfare relay | e = Fuel gauge | 65 Earth (ground) | 83 Connection for buzzer contact |
| 10 Solder point | f = Charging lamp (red) | 66 Left-hand rear light | 84 Buzzer |
| 11 Test equipment connection | g = Oil pressure telltale (orange) | A = Reversing light | 85 R.H. side marker light |
| 12 Regulator | h = High beam telltale (blue) | B = Brake light | 86 R.H. side light connector |
| 13 Battery | i = Flasher control (green) | C = Flasher | 87 Solder point 58 K |
| 14 Connection for electrical system | k = 12 pin plug | D = Tail light | 88 Solder point 31 |
| 15 Generator | m = 3 pin plug (clock) | 67 Connection for rev. counter | 89 L.H. side marker light connection |
| 16 Starter | n = 3 pin plug (rev. counter) | 68 | 90 L.H. side marker light |
| 17 Connection for test equipment with lead and pickup | p = Brake fluid level (red) | 69 | 91 Brake fluid level switch |
| 18 Distributor | 42 5 pin plug | 70 | 92 Cable connector |
| 19 Ignition coil | 43 Starter relay | 71 | 93 Cable connector |
| 20 Windshield washer pump | (only with automatic transmission) | 72 | |
| 21 Windshield wiper motor | 44 Ignition switch | 73 | |
| 22 Blower motor | I = Off; II = 0; III = On; IV = Start | 74 | |
| 23 5 pin plug terminal to wiper motor | 45 Light switch | | |
| 24 Radio connection | 46 Hazard flasher switch | | |
| 25 Oil pressure switch | 47 9 pin plug terminal to turn indicator switch | | |
| 26 Remote reading therm. transmitter | 48 Turn indicator switch | | |
| 27 Automatic starter carb. (only with automatic transmission) | 49 6 pin plug to dip switch | | |
| 28 Reversing light switch with starter lock (only with automatic transmission) | 50 Signal button | | |
| 29 Reversing light switch | 51 Dip switch | | |
| 30 2 pin plug terminal (only with automatic transmission) | 52 Connection for number plate light and fog lamp | | |
| 31 Connection for fuel pump | 53 Door double contact | | |
| 32 Solder point | 54 Hazard flasher | | |
| 33 Fuse box | 55 Interior light | | |
| 34 Solder point | 56 Connection for heater rear window | | |
| 35 Earth (ground) | 57 Selector lever light connection | | |
| 36 Blower switch | 58 12 pin plug to instrument set | | |
| 37 Cigar lighter | 59 Heater rear window | | |
| | 60 Selector gate light | | |

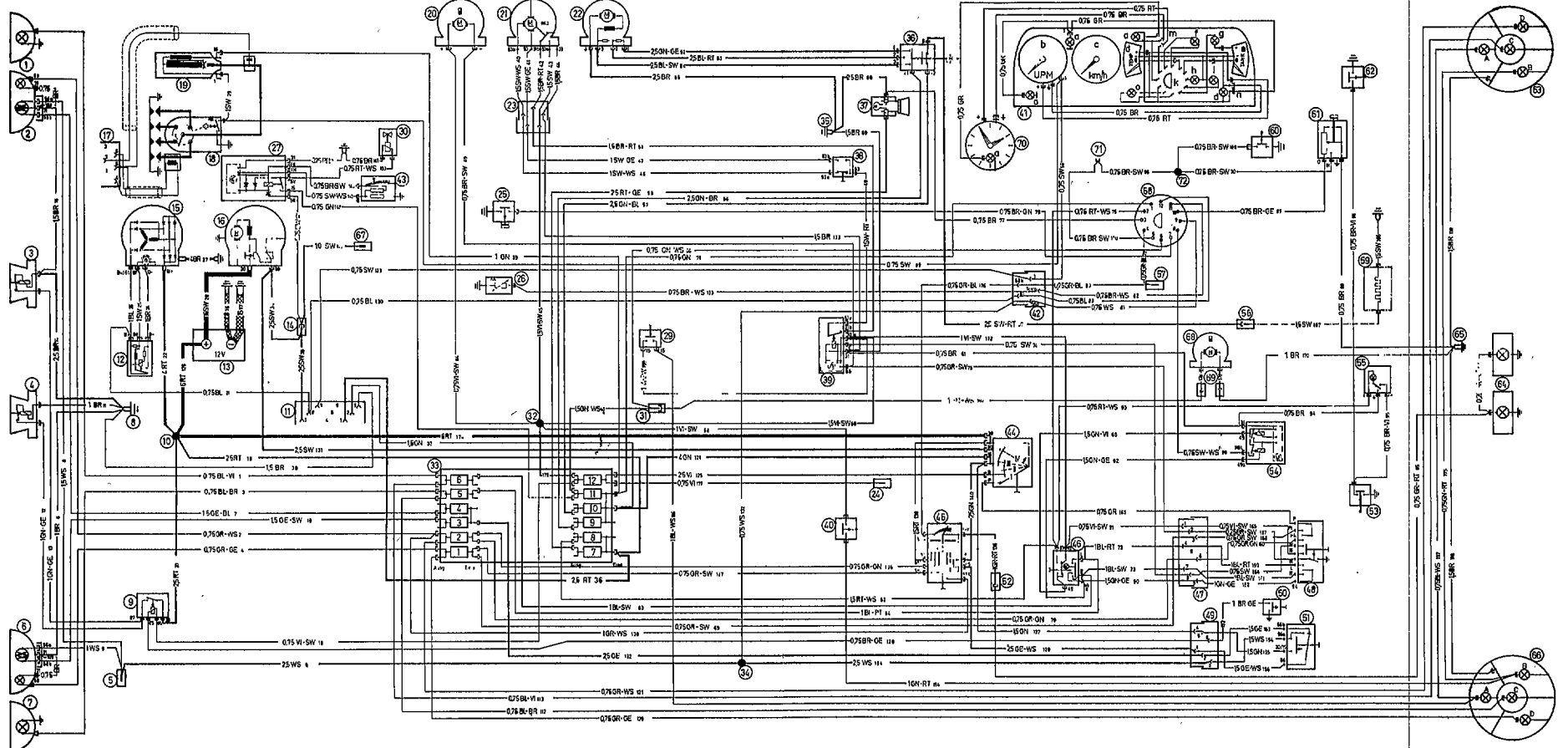
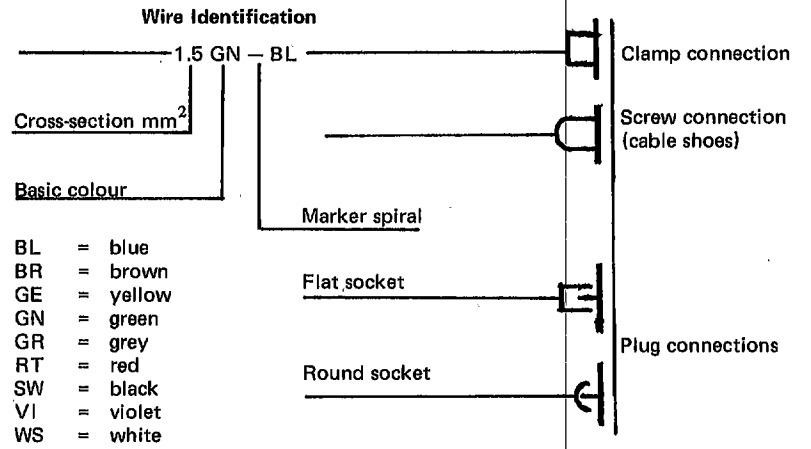


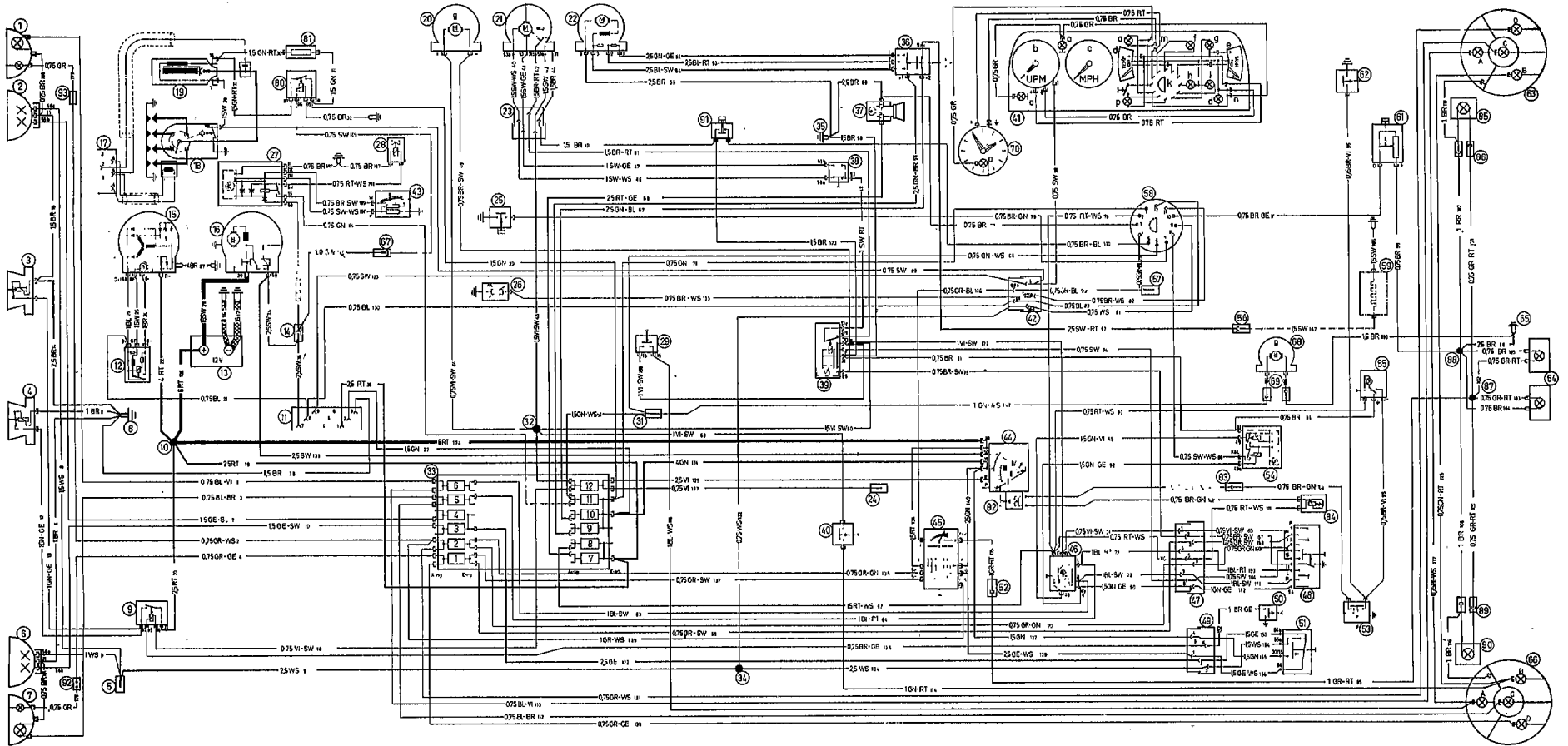
Wiring diagram BMW 2002 tii

- 1 Front right-hand flasher
- 2 R.H. headlight with parking light
- 3 Right-hand fanfare
- 4 Left-hand fanfare
- 5 Fog lamp relay connection
- 6 L.H. headlight with parking light
- 7 Front left-hand flasher
- 8 Earth (ground)
- 9 Fanfare relay
- 10 Solder point
- 11 Test equipment connection
- 12 Regulator
- 13 Battery
- 14 Connection for Electrical system
- 15 Generator
- 16 Starter
- 17 Test equipment connection with lead and pick up
- 18 Distributor
- 19 Ignition coil
- 20 Windshield washer pump
- 21 Windshield wiper motor
- 22 Blower motor
- 23 5 pin plug to wiper motor
- 24 Connection for radio
- 25 Oil pressure switch
- 26 Remote thermometer transmitter
- 27 Time switch
- 28
- 29 Reversing light switch
- 30 Starting valve
- 31 Fuel pump connection
- 32 Solder point
- 33 Fuse box
- 34 Solder point
- 35 Earth (ground)
- 36 Blower switch
- 37 Cigar lighter
- 38 Wiper speed switch
- 39 Wiper-Washer transmitter
- 40 Brake light switch

- 41 Instrument cluster
 - a = Illuminated scale
 - b = Revolution counter
 - c = Speedometer
 - d = Coolant temperature gauge
 - e = Fuel gauge
 - f = Charging lamp (red)
 - g = Oil pressure switch (orange)
 - h = High beam telltale (blue)
 - i = Flasher control (green)
- k = 12 pin plug
- m = 3 pin plug (clock)
- n = 3 pin plug (revolution counter)
- o = Central control lamp (Choke, handbrake, petrol)
- 42 5 pin plug terminal
- 43 Temperature time switch
- 44 Ignition switch
 - I = Off; II = 0; III = On; IV = Start
- 45 Light switch
- 46 Hazard flasher switch
- 47 9 pin plug to turn indicator switch
- 48 Turn indicator switch
- 49 6 pin plug to dip switch
- 50 Signal button
- 51 Dip switch
- 52 Number plate light and fog lamp connection
- 53 Left-hand door contact
- 54 Hazard flasher
- 55 Interior light
- 56 Connection for heater rear window
- 57 Selector lever light connection
- 58 12 pin plug to instrument cluster
- 59 Heated rear window (SA)
- 60 Handbrake switch
- 61 Fuel gauge transmitter
- 62 Right-hand door contact

- 63 Right-hand rear light
 - A = Reversing light
 - B = Brake light
 - C = Flasher
 - D = Tail light
- 64 Number plate light
- 65 Earth (ground)
- 66 Left-hand rear light
 - A = Reversing light
 - B = Brake light
 - C = Flasher
 - D = Tail light
- 67 HT ignition system connection
- 68 Fuel pump
- 69 Plug connection to fuel pump
- 70 Clock
- 71 Choke connection
- 72 Solder point

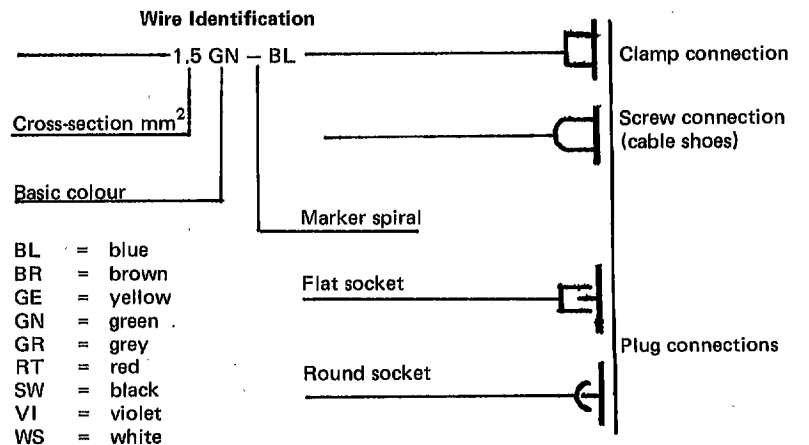




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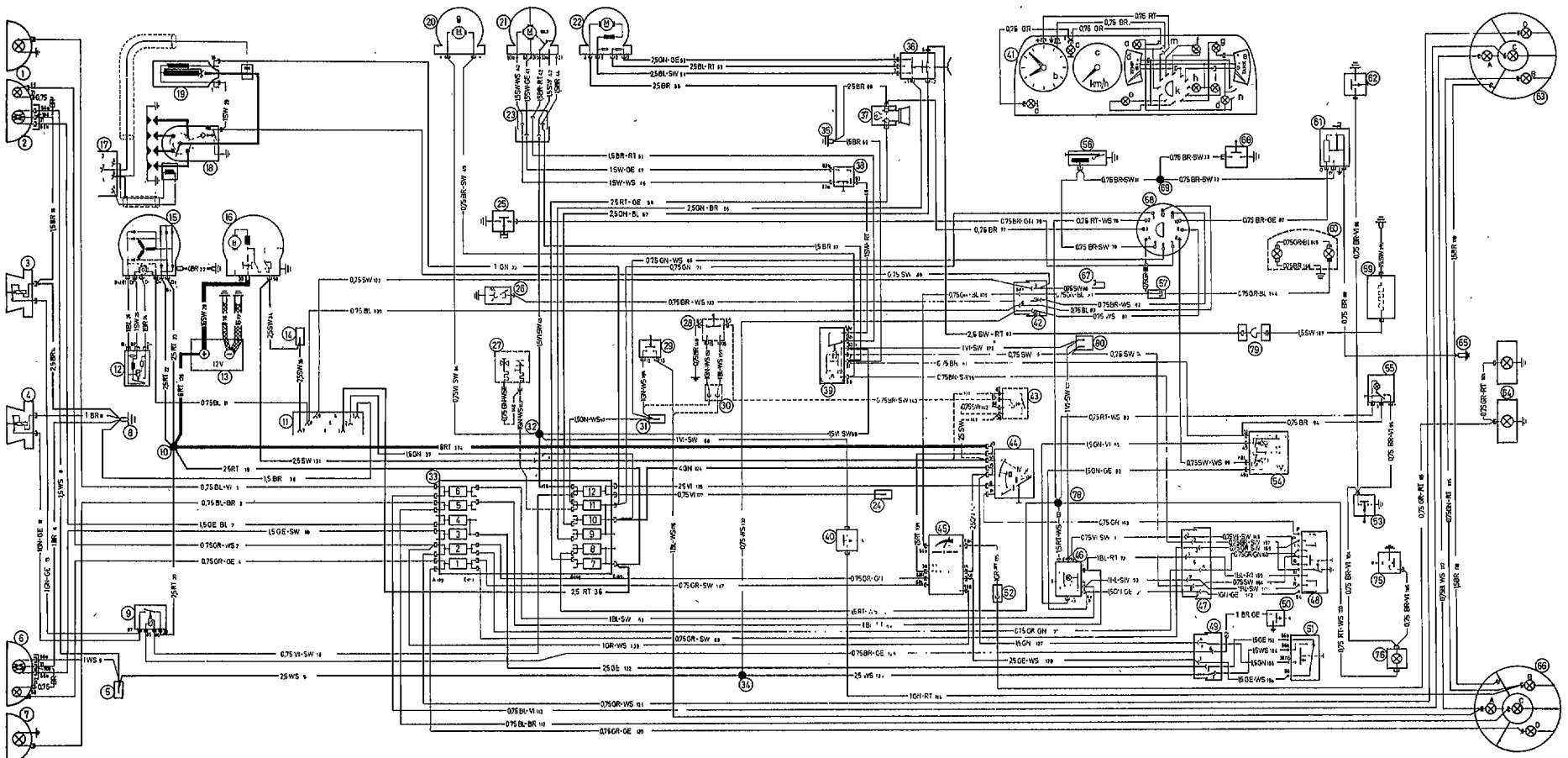
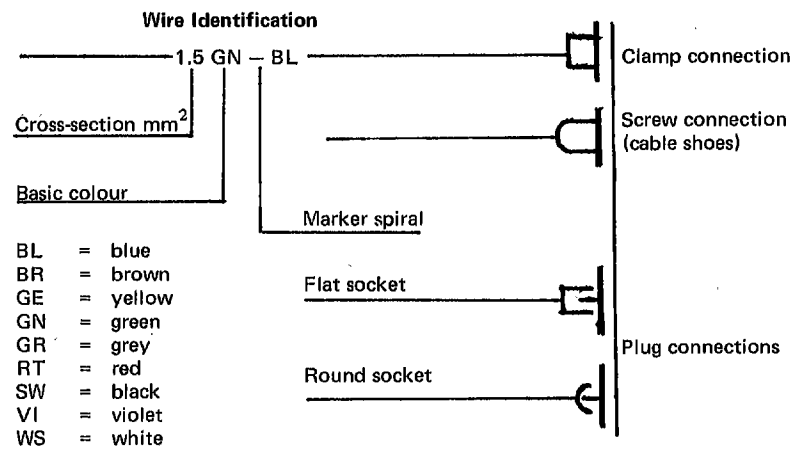
Wiring diagram BMW 2002 tii USA

- | | | | |
|--|---|----------------------------------|--------------------------------------|
| 1 Front R.H. flasher with parking light | 40 Brake light switch | 63 Right hand rear light | 76 |
| 2 Right-hand headlight | 41 Instrument cluster | A = Reversing light | 77 |
| 3 Right-hand fanfare | a = Illuminated scale | B = Brake light | 78 |
| 4 Left-hand fanfare | b = Revolution counter | C = Flasher | 79 |
| 5 Fog lamp relay connection | c = Speedometer | D = Tail light | 80 HT ignition system relay |
| 6 Left-hand headlight | d = Coolant temperature gauge | 64 Number plate lights | 81 Series resistance |
| 7 Front L.H. flasher with parking light | e = Fuel gauge | 65 Earth (ground) | 82 Buzzer contact |
| 8 Earth (ground) | f = Charging lamp (red) | 66 Left-hand rear light | 83 Buzzer contact connection |
| 9 Fanfare relay | g = Oil pressure telltale (orange) | A = Reversing light | 84 Buzzer |
| 10 Solder point | h = High beam telltale (blue) | B = Brake light | 85 R.H. side marker light |
| 11 Test equipment connection | i = Flasher telltale (green) | C = Flasher | 86 R.H. side marker light connection |
| 12 Regulator | k = 12 pin plug | D = Tail light | 87 Solder point 58 K |
| 13 Battery | m = 3 pin plug (clock) | 67 HT ignition system connection | 88 Solder point 31 |
| 14 Connection for electrical equipment | n = 3 pin plug (rev. counter) | 68 Fuel pump | 89 L.H. side marker light connection |
| 15 Generator | p = Brake fluid control (red) | 69 Fuel pump plug connection | 90 Left-hand side marker light |
| 16 Starter | 42 5 pin plug terminal | 70 Clock | 91 Brake fluid level switch |
| 17 Test equipment connection with lead and pick up | 43 Temperature time switch | 71 | 92 Cable connector |
| 18 Distributor | 44 Ignition switch | 72 | 93 Cable connector |
| 19 Ignition coil | I = Off; II = 0; III = On; IV = Start | 73 | |
| 20 Windshield washer pump | 45 Light switch | 74 | |
| 21 Windshield wiper motor | 46 Hazard flasher switch | 75 | |
| 22 Blower motor | 47 9 pin plug terminal to turn indicator switch | | |
| 23 5 pin plug terminal to wiper motor | 48 Turn indicator switch | | |
| 24 Radio connection | 49 6 pin plug terminal to dip switch | | |
| 25 Oil pressure switch | 50 Signal button | | |
| 26 Remote reading therm. transmitter | 51 Dip switch | | |
| 27 Time switch | 52 Number plate light and fog lamp connection | | |
| 28 Starting valve | 53 Door double contactor | | |
| 29 Reversing light switch | 54 Hazard flasher | | |
| 30 | 55 Interior light | | |
| 31 Fuel pump connection | 56 Heated rear window connection | | |
| 32 Solder point | 57 Selector lever light connection | | |
| 33 Fuse box | 58 12 pin plug terminal to instrument cluster | | |
| 34 Solder point | 59 Heated rear window | | |
| 35 Earth (ground) | 60 | | |
| 36 Blower switch | 61 Fuel gauge transmitter | | |
| 37 Cigar lighter | 62 Door contact | | |
| 38 Wiper speed switch | | | |
| 39 Wiper-washer transmitter | | | |

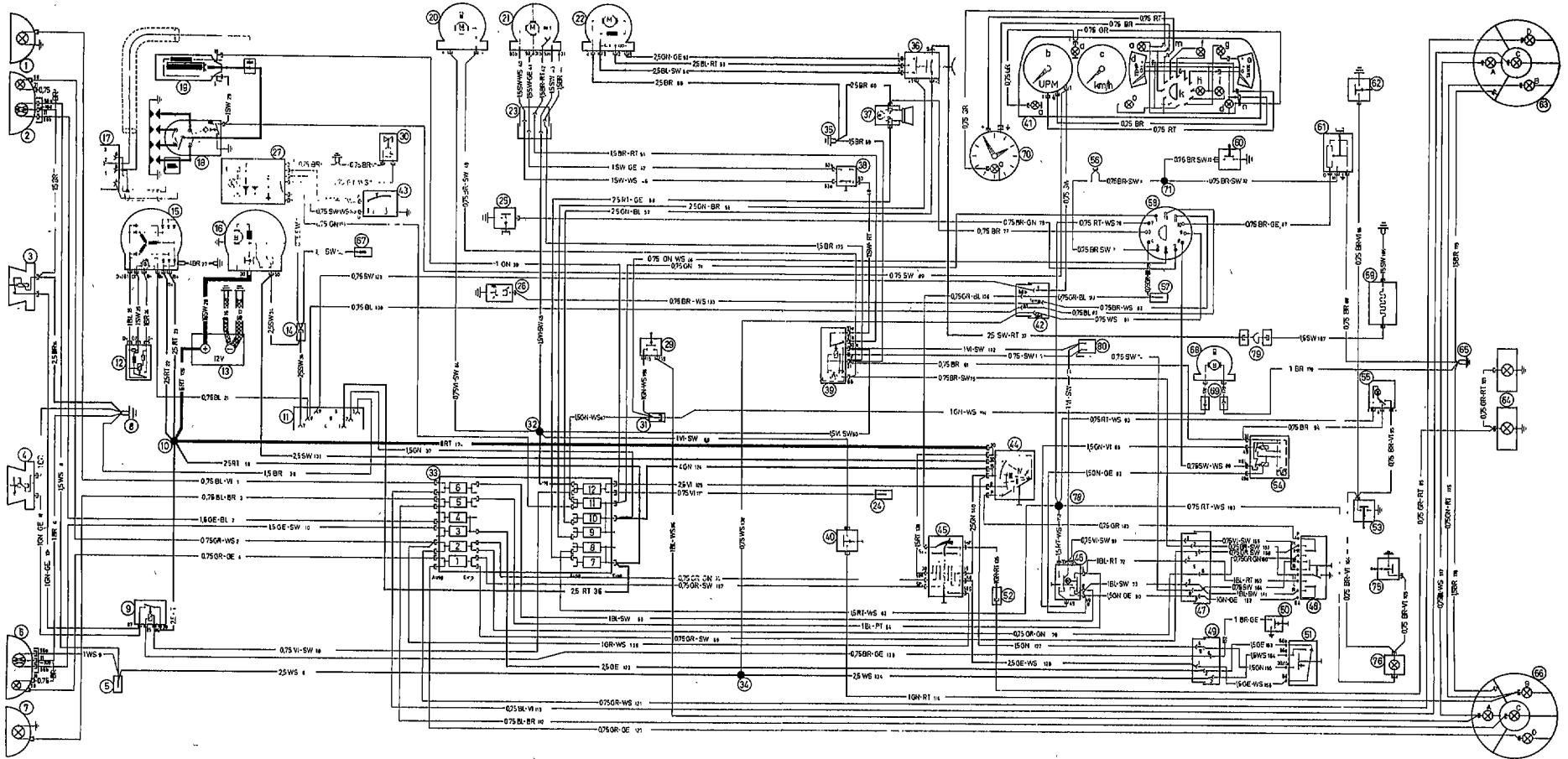


Wiring diagram BMW touring 1600, 1800, 2000, 2000 Automatic

- | | | | |
|--|---|----------------------------|--------------------------------------|
| 1 Front right-hand flasher | 38 Wiper speed switch | 60 Selector gate light | 67 Revolution counter connection |
| 2 R.H. headlight with parking light | 39 Wiper-Washer transmitter | 61 Fuel gauge transmitter | 68 Handbrake switch |
| 3 Right-hand fanfare | 40 Brake light switch | 62 Right-hand door contact | 69 Solder point |
| 4 Left-hand fanfare | 41 Instrument set | 63 Right-hand rear light | 70 |
| 5 Fog lamp relay connection | a = Illuminated scale | A = Reversing light | 71 |
| 6 L.H. headlight with parking light | b = clock | B = Brake light | 72 |
| 7 Front left-hand flasher | c = Speedometer | C = Flasher | 73 |
| 8 Earth (ground) | d = Coolant temperature gauge | D = Tail light | 74 |
| 9 Fanfare relay | e = Fuel gauge | 64 Licence plate lights | 75 Rear door contact |
| 10 Solder point | f = Charging lamp (red) | 65 Earth (ground) | 76 L.H. light in luggage compartment |
| 11 Test equipment connection | g = Oil pressure control (orange) | 66 Left-hand rear light | 77 |
| 12 Regulator | h = Headlight beam telltale (blue) | A = Reversing light | 78 Solder point |
| 13 Battery | i = Flasher control (green) | B = Brake light | 79 Contact plate |
| 14 Electrical system connection | k = 12 pin plug | C = Flasher | 80 Rear windshield wiper connection |
| 15 Generator | m = 3 pin plug (clock) | D = Tail light | |
| 16 Starter | n = 3 pin plug (rev. counter) | | |
| 17 Test equipment connection with lead and pick up | o = Central control lamp (Choke, handbrake, petrol) | | |
| 18 Distributor | 42 5 pin plug terminal | | |
| 19 Ignition coil | 43 Starter relay (only with automatic transmission) | | |
| 20 Windshield washer pump | 44 Ignition switch | | |
| 21 Windshield wiper motor | l = Off; II = 0; III = On; IV = Start | | |
| 22 Blower motor | 45 Light switch | | |
| 23 5 pin plug terminal to wiper motor | 46 Hazard flasher switch | | |
| 24 Radio connection | 47 9 pin plug to turn indicator switch | | |
| 25 Oil pressure switch | 48 Turn indicator switch | | |
| 26 Remote reading therm. trans. (only with auto. transmission) | 49 6 pin plug to dip switch | | |
| 27 Auto. starter carburettor | 50 Signal button | | |
| 28 Reversing light switch with starter lock (only with auto. transmission) | 51 Dip switch | | |
| 29 Reversing light switch | 52 Number plate light and fog lamp connection | | |
| 30 2 pin plug terminal (only with automatic transmission) | 53 Left-hand door contact | | |
| 31 Fuel pump connection | 54 Hazard flasher | | |
| 32 Solder point | 55 Interior light | | |
| 33 Fuse box | 56 Choke | | |
| 34 Solder point | 57 Selector lever connection | | |
| 35 Earth (ground) | 58 12 pin plug to instrument cluster | | |
| 36 Blower switch | 59 Heater rear window | | |
| 37 Cigar lighter | | | |



Wiring diagram BMW touring 2000 tii



- | | | | |
|--|---|----------------------------------|--------------------------------------|
| 1 Front right-hand flasher | 41 Instrument set | 63 Right-hand rear light | 68 Fuel pump |
| 2 R.H. headlight with parking light | a = Illuminated scale | A = Reversing light | 69 Plug connect. to fuel pump |
| 3 Right-hand fanfare | b = Revolution counter | B = Brake light | 70 Clock |
| 4 Left-hand fanfare | c = Speedometer | C = Flasher | 71 Solder point |
| 5 Fog lamp relay connection | d = Coolant temperature gauge | D = Tail light | 72 |
| 6 L.H. headlight with parking light | e = Fuel gauge | 64 Number plate light | 73 |
| 7 Front left-hand flasher | f = Charging lamp (red) | 65 Earth (ground) | 74 |
| 8 Earth (ground) | g = Oil pressure control (orange) | 66 Left-hand rear light | 75 Rear door contact |
| 9 Fanfare relay | h = Headlight beam telltale (blue) | A = Reversing light | 76 L.H. light in luggage compartment |
| 10 Solder point | i = Flasher control (green) | B = Brake light | 77 |
| 11 Test equipment connection | k = 12 pin plug terminal | C = Flasher | 78 Solder point |
| 12 Regulator | m = 3 pin plug terminal (clock) | D = Tail light | 79 Contact plate |
| 13 Battery | n = 3 pin plug terminal (rev. counter) | 67 HT ignition system connection | 80 Rear windscreen wiper connection |
| 14 Electrical equipment connection | o = Central control lamp | | |
| 15 Generator | (Choke, handbrake, petrol) | | |
| 16 Starter | 42 5 pin plug terminal | | |
| 17 Test equipment connection with lead and pick up | 43 Temperature time switch | | |
| 18 Distributor | 44 Ignition switch | | |
| 19 Ignition coil | I = Off; II = 0; III = On; IV = Start | | |
| 20 Windshield washer pump | 45 Hazard flasher switch | | |
| 21 Windshield wiper motor | 46 Light switch | | |
| 22 Blower motor | 47 9 pin plug to turn indicator switch | | |
| 23 5 pin plug to wiper motor | 48 Turn indicator switch | | |
| 24 Radio connection | 49 6 pin plug to dip switch | | |
| 25 Oil pressure switch | 50 Signal horn | | |
| 26 Remote reading therm. transmitter | 51 Dip switch | | |
| 27 Time switch | 52 Number plate light and fog lamp connection | | |
| 28 | 53 Left-hand door contact | | |
| 29 Reversing light switch | 54 Hazard flasher | | |
| 30 Starting valve | 55 Interior light | | |
| 31 Fuel pump connection | 56 Choke connection | | |
| 32 Solder point | 57 Selector lever light connection | | |
| 33 Fuse box | 58 12 pin plug terminal to instrument cluster | | |
| 34 Solder point | 59 Heated rear window | | |
| 35 Earth (ground) | 60 Hand brake switch | | |
| 36 Blower switch | 61 Fuel gauge transmitter | | |
| 37 Cigar lighter | 62 Right-hand door contact | | |
| 38 Wiper speed switch | | | |
| 39 Wiper-Washer transmitter | | | |
| 40 Brake light switch | | | |

