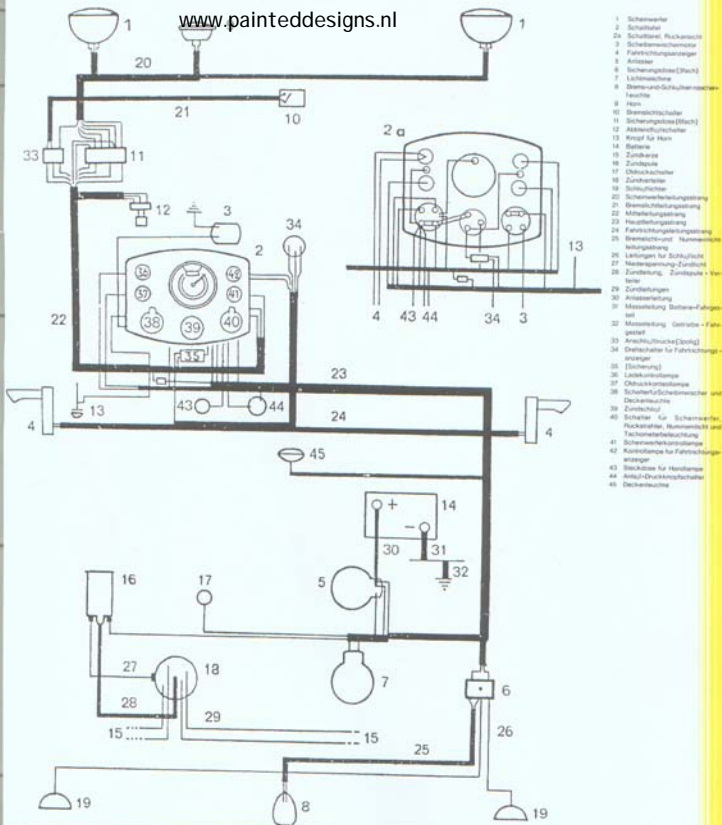
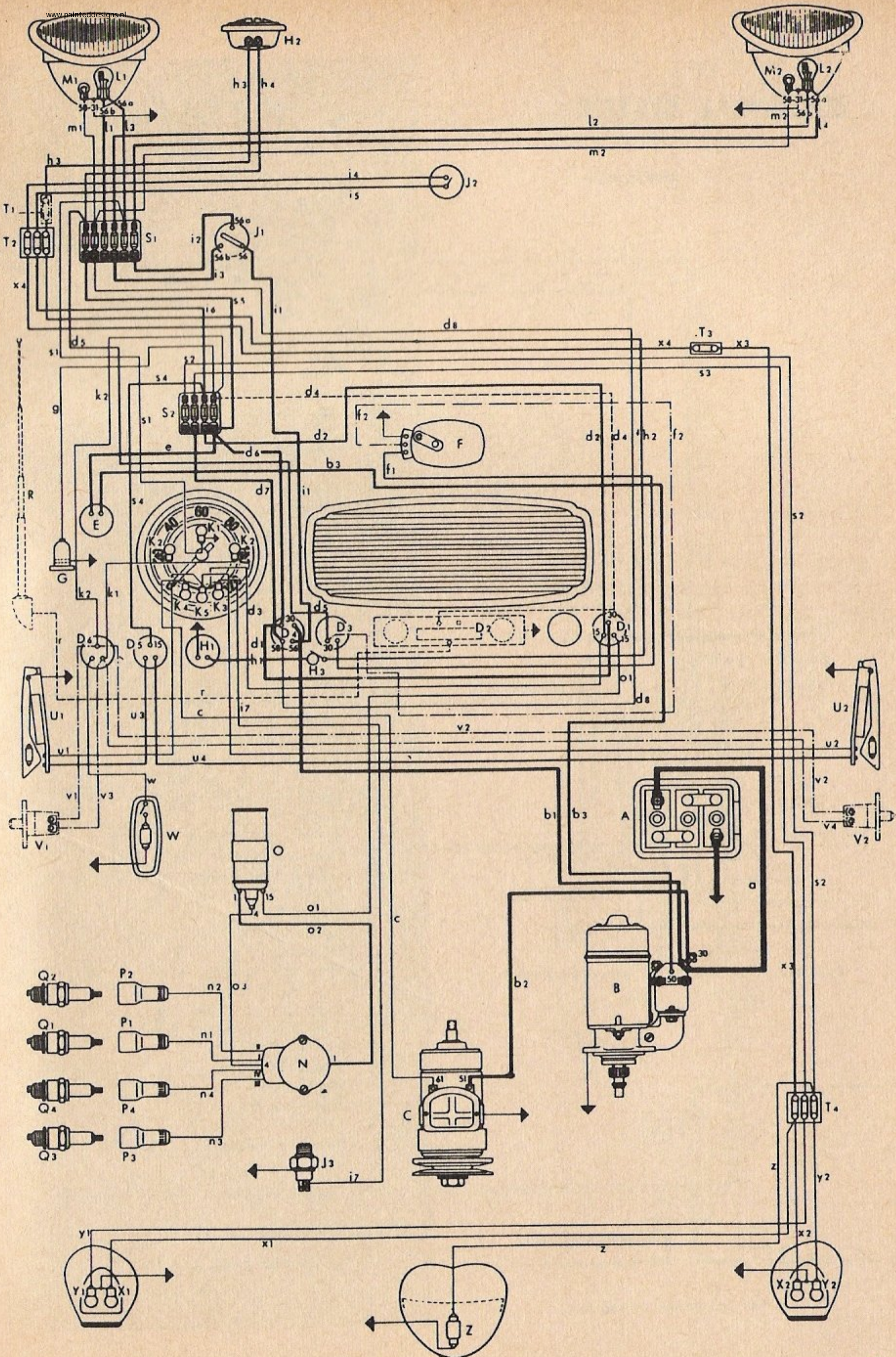
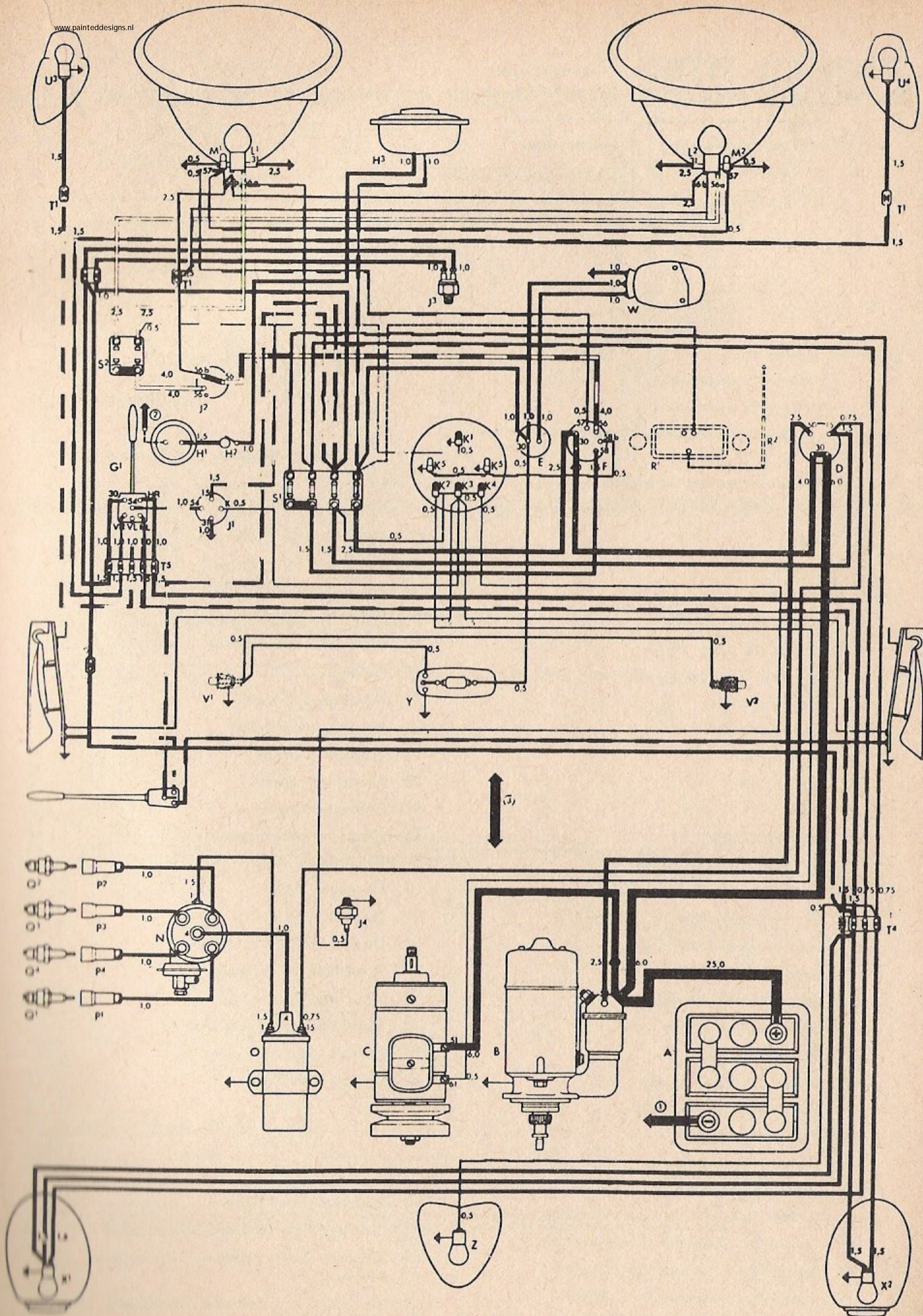


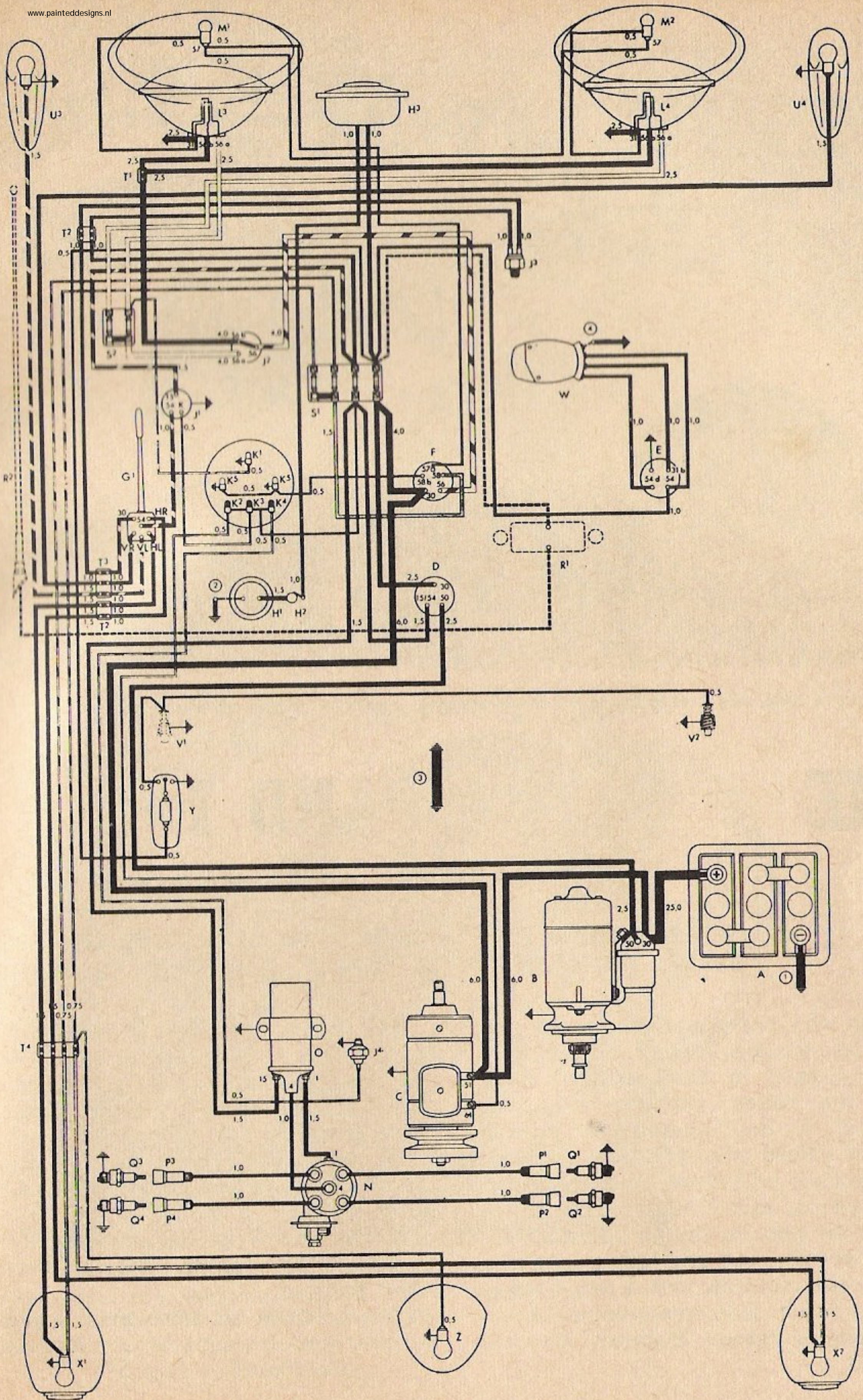
WIRING DIAGRAM 1949年式 VWビートル(LHD)

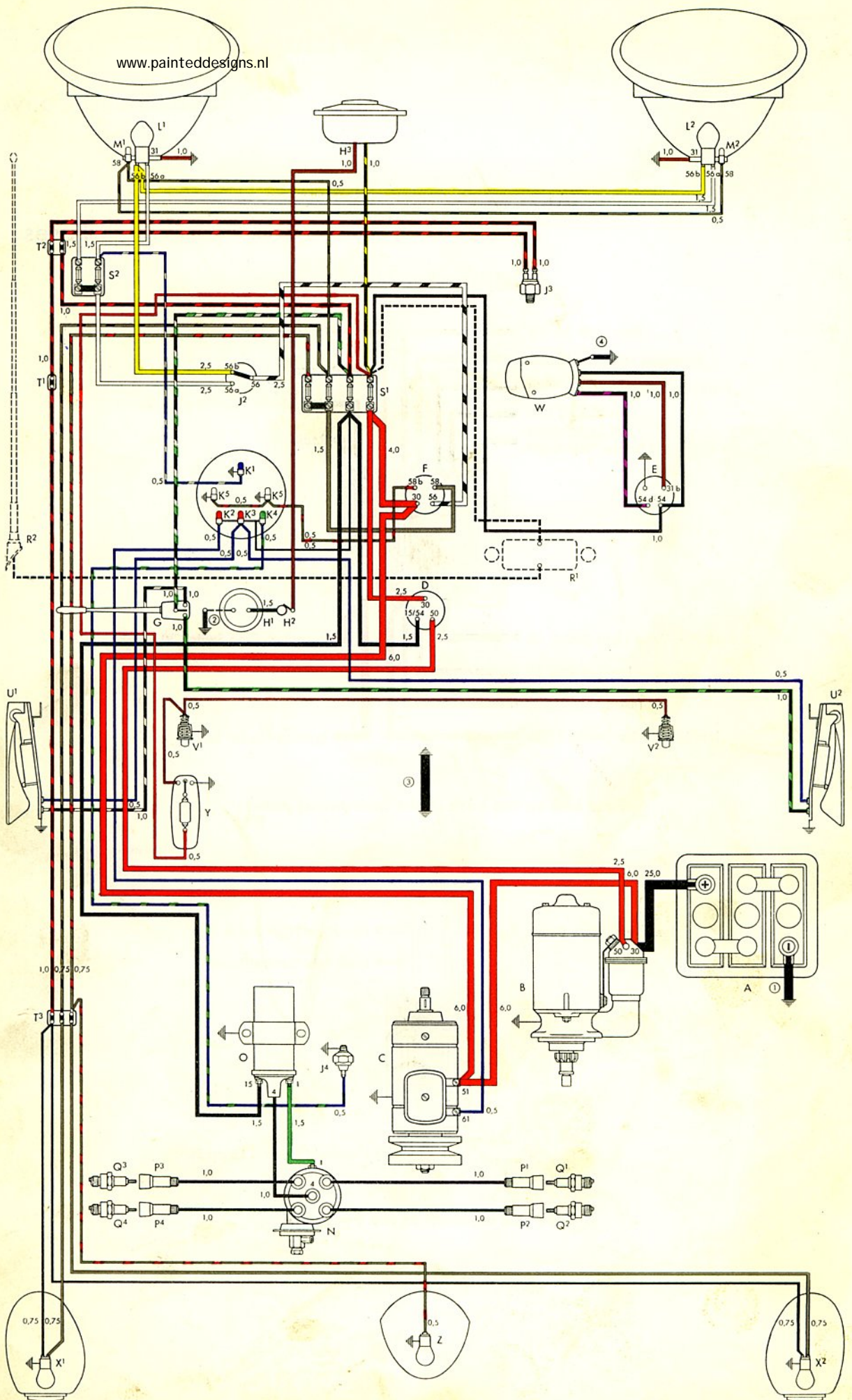
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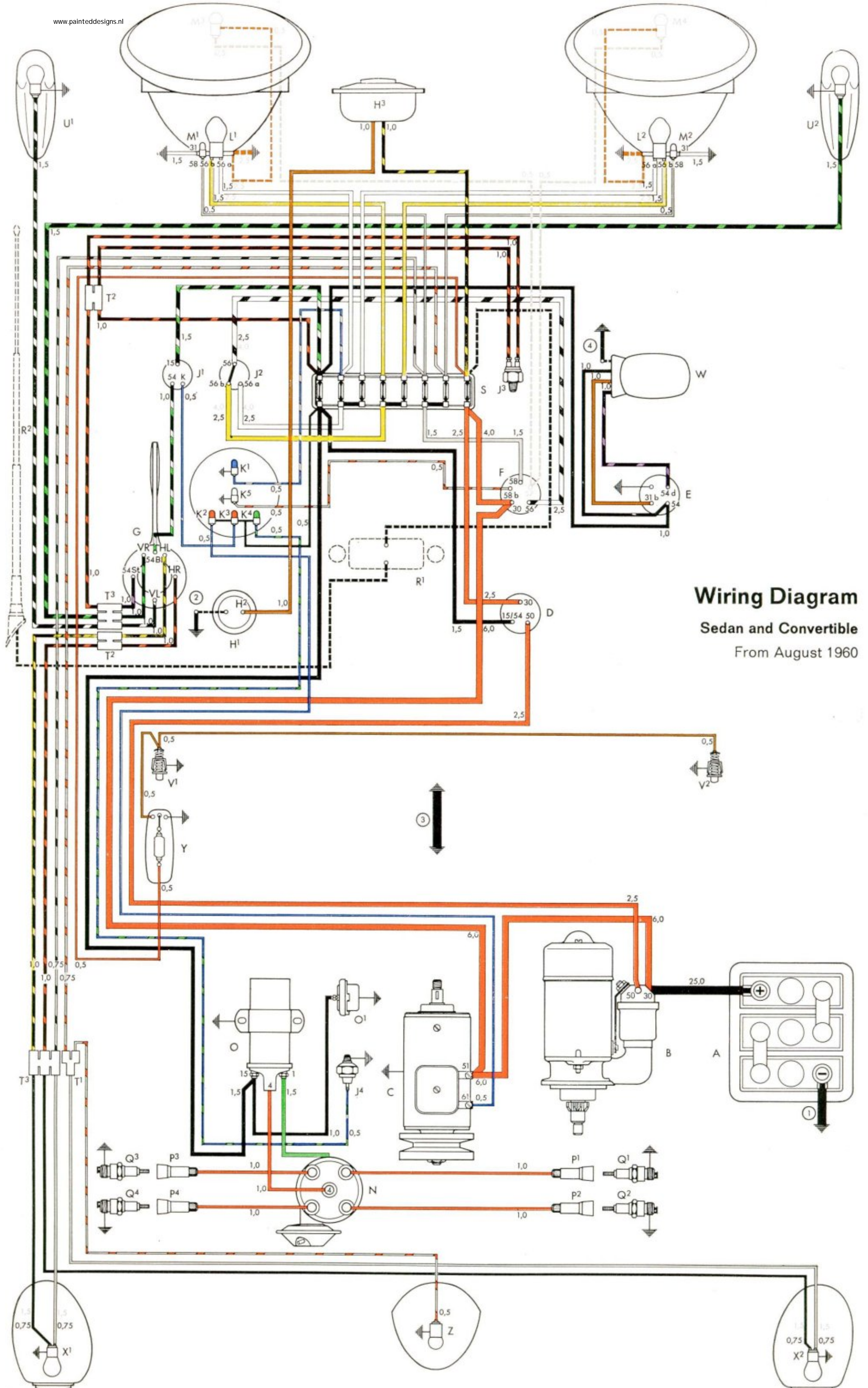








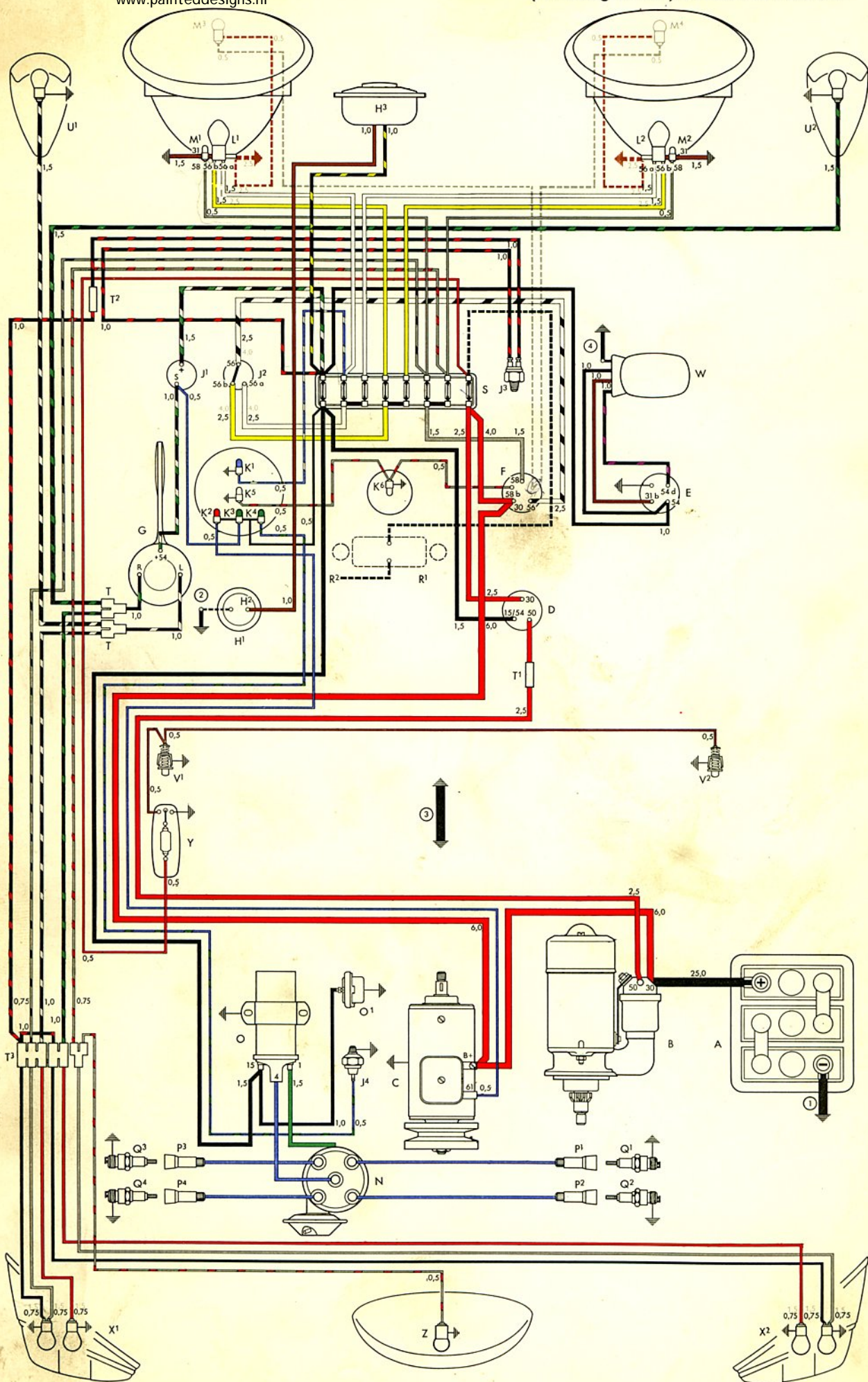




Wiring Diagram
Sedan and Convertible
From August 1960

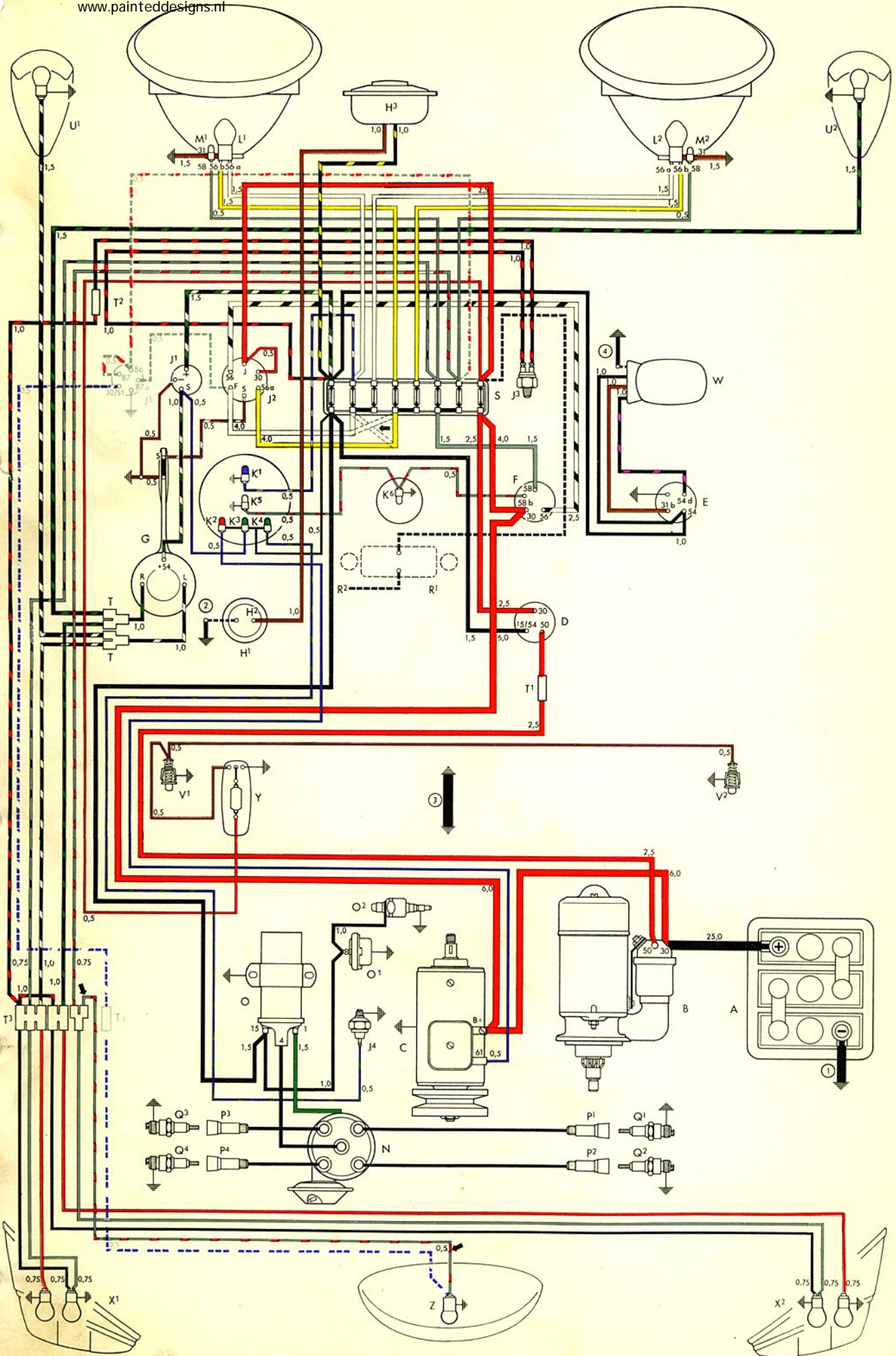
(From August 1961) Chassis No. 4 010 995

(From August 1961) Chassis No. 4 010 995



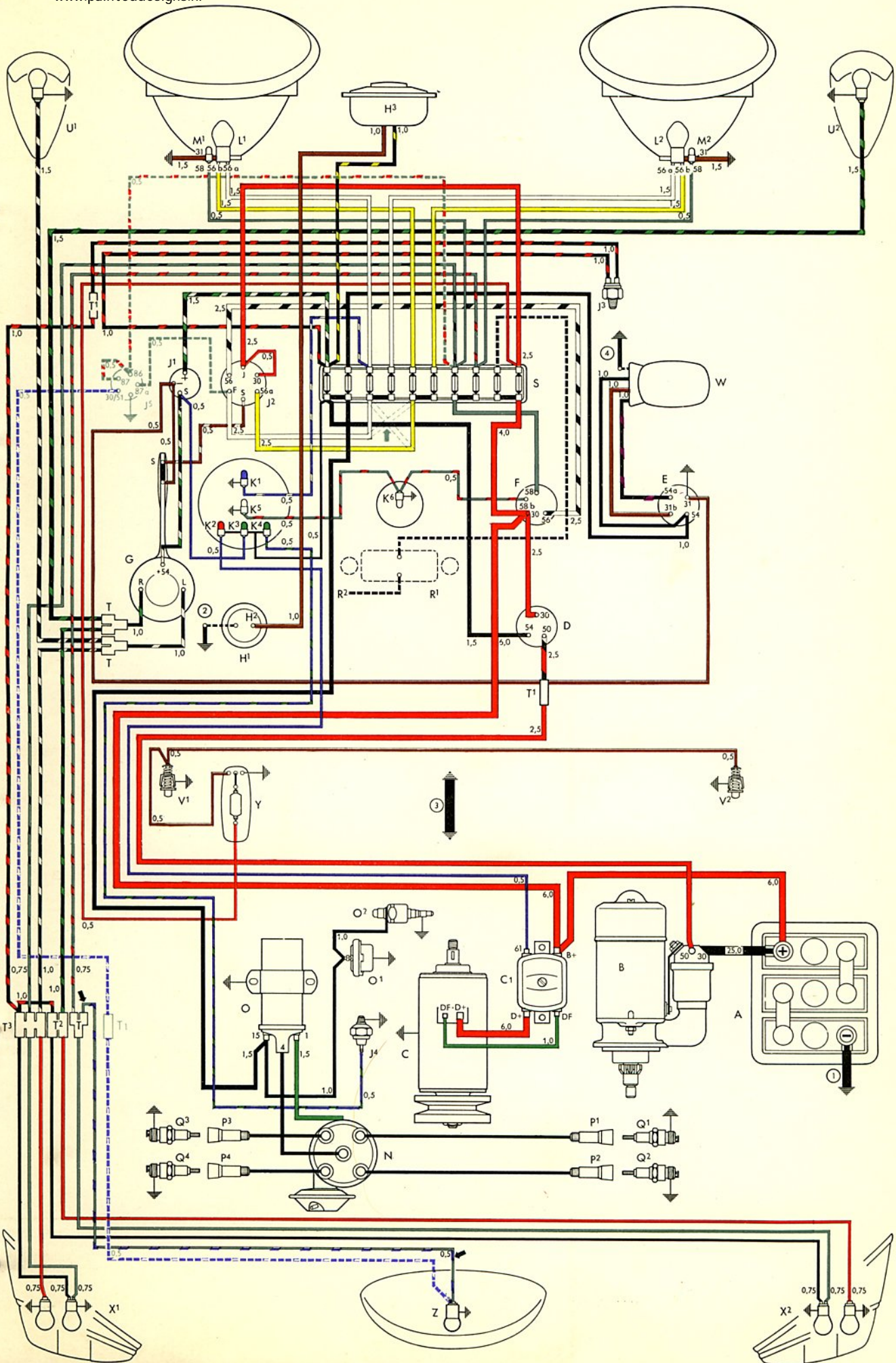
Wiring diagram — VW 1300 Sedan and Convertible (from August 1965)

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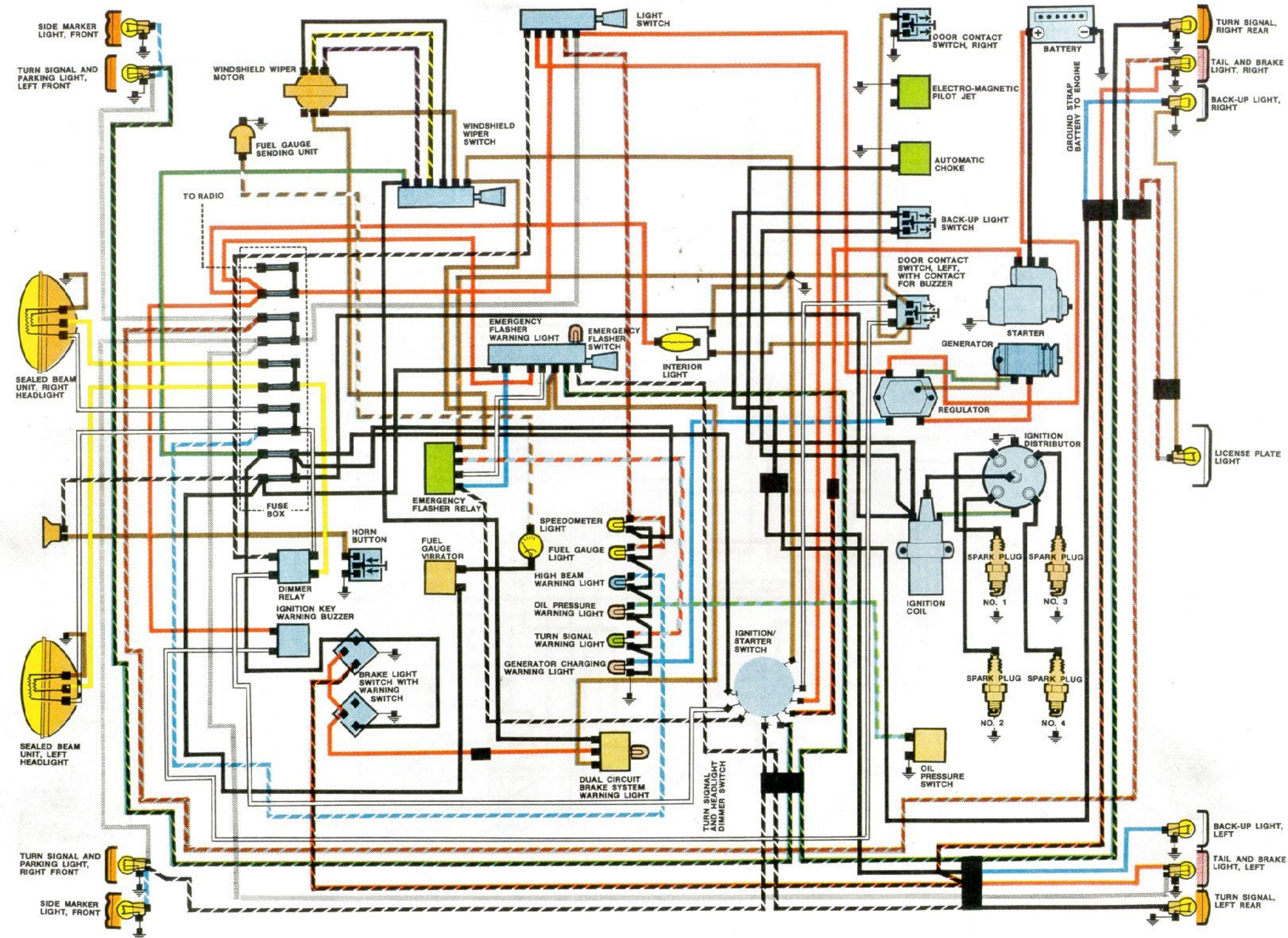
Wiring diagram—VW 1500 Sedan and Convertible (from August 1966)

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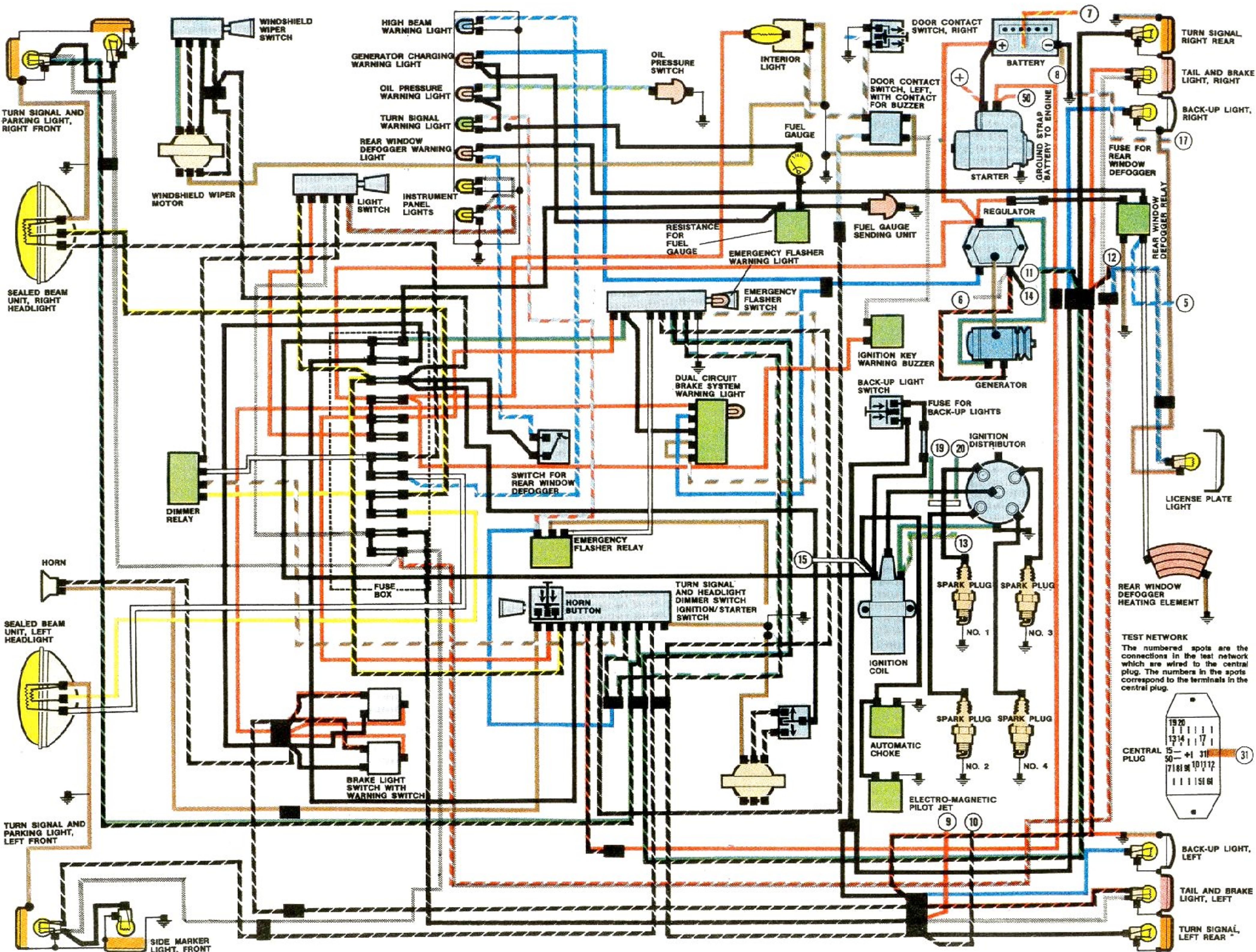


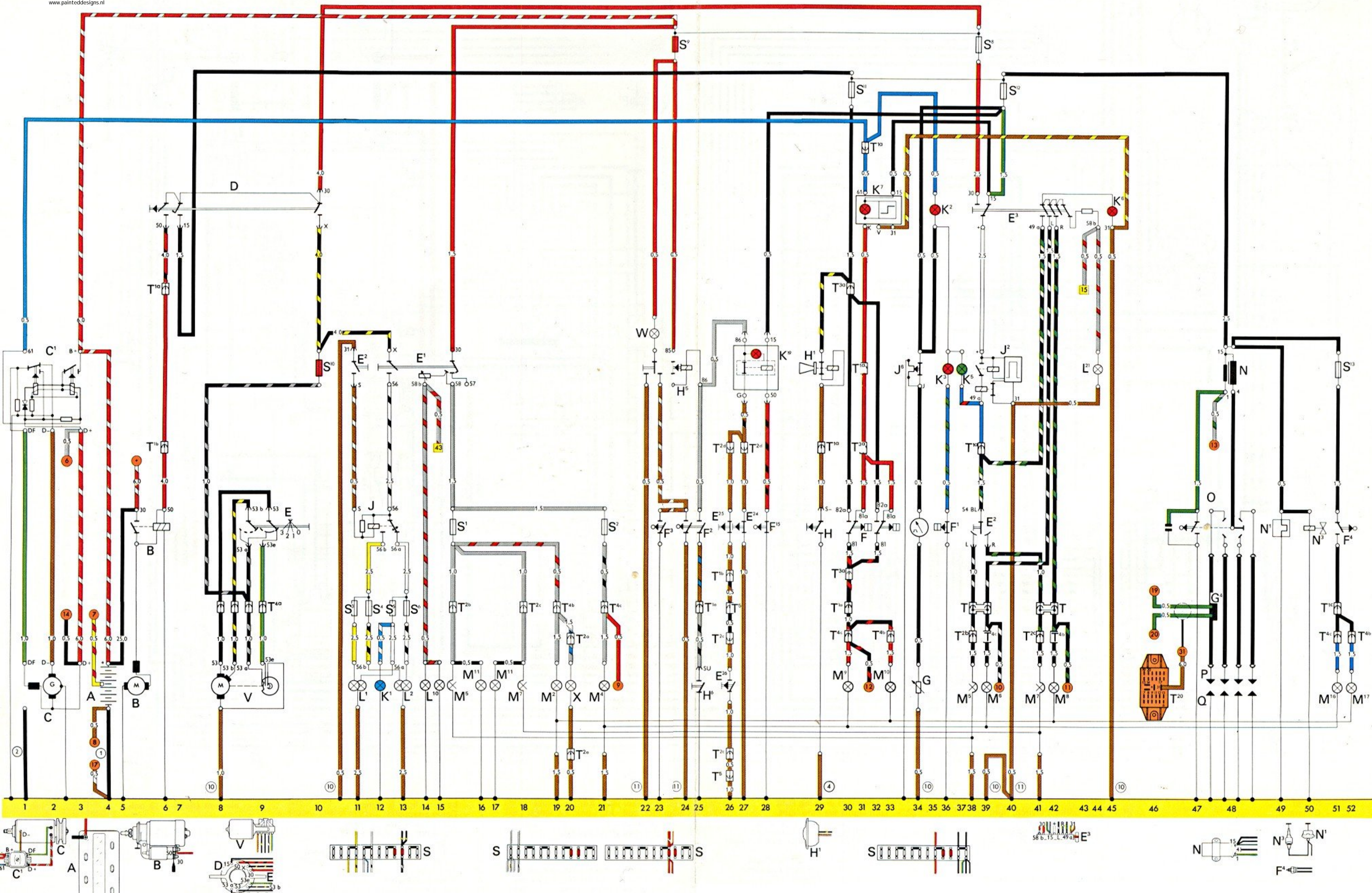
1969-1971 BEETLE

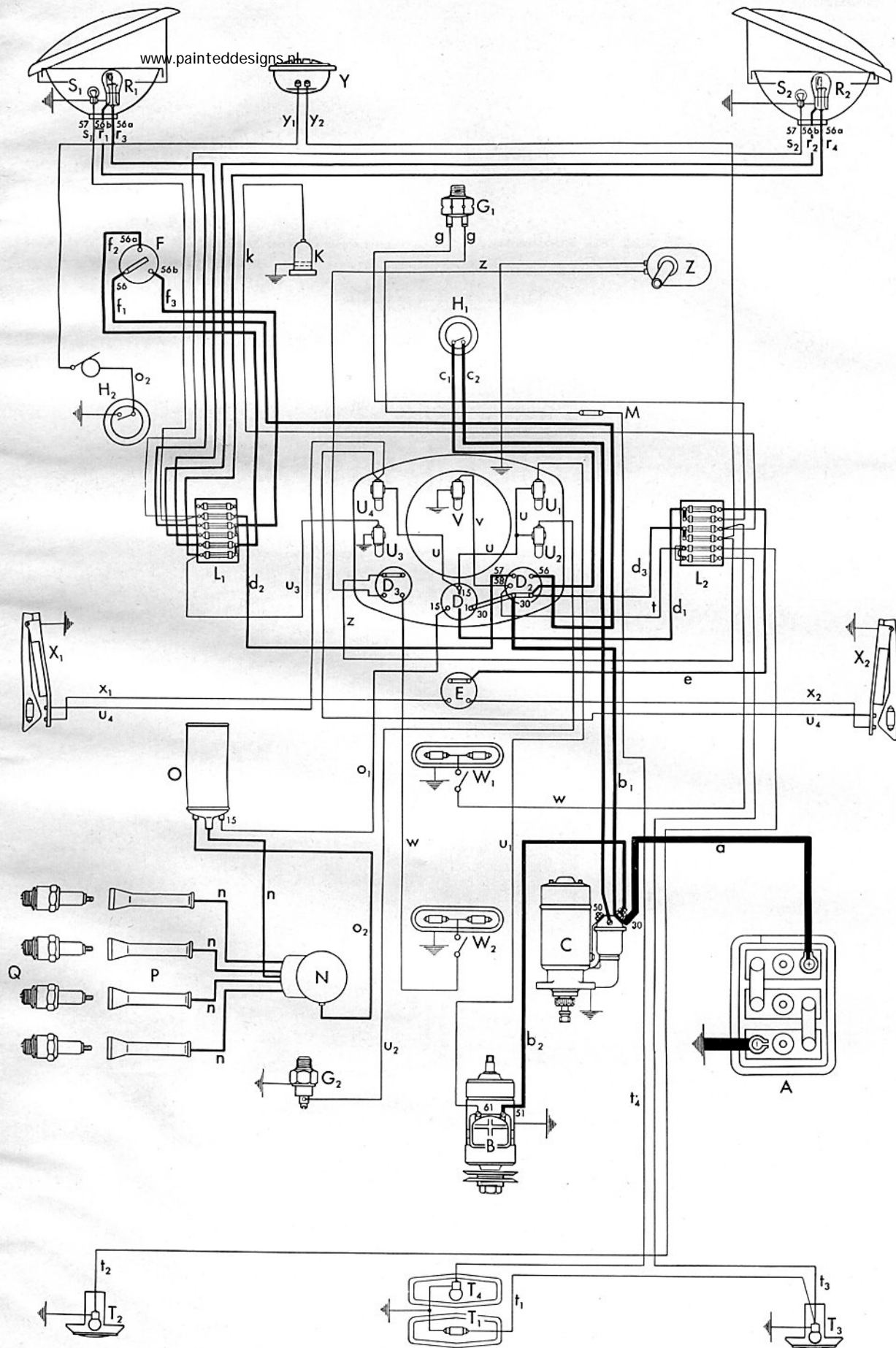
www.painteddesigns.nl

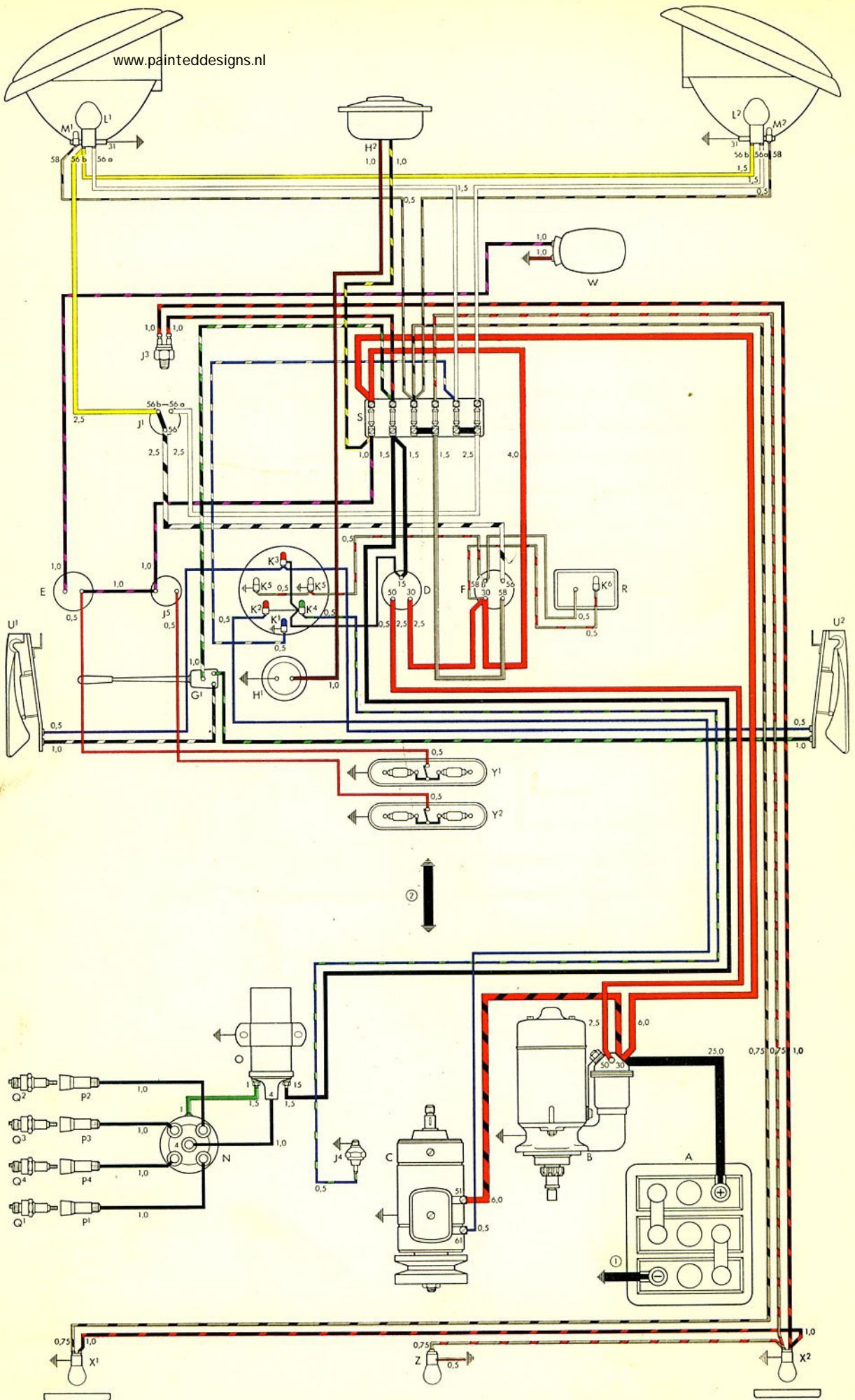


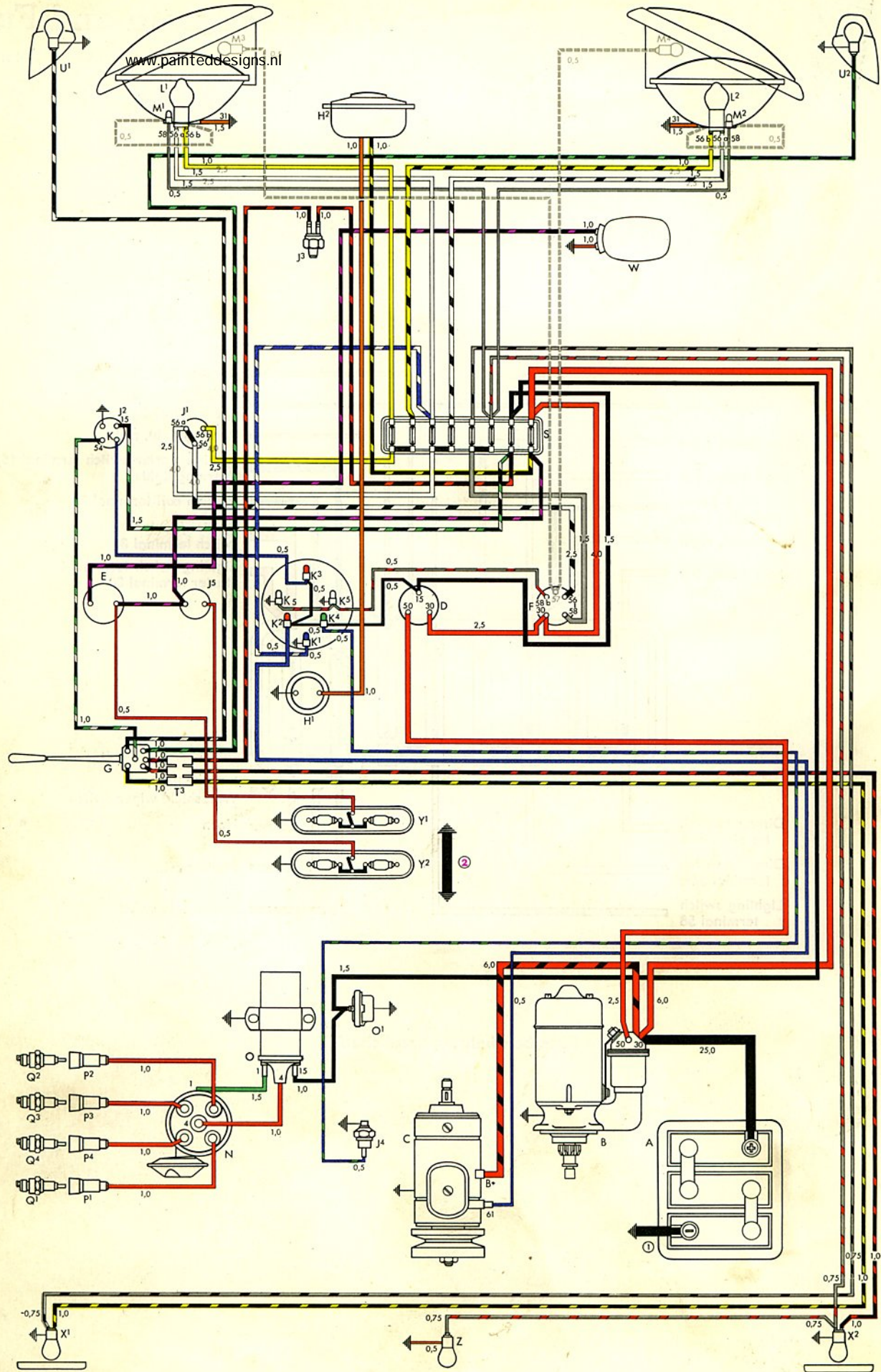
1972 BEETLE AND SUPER BEETLE

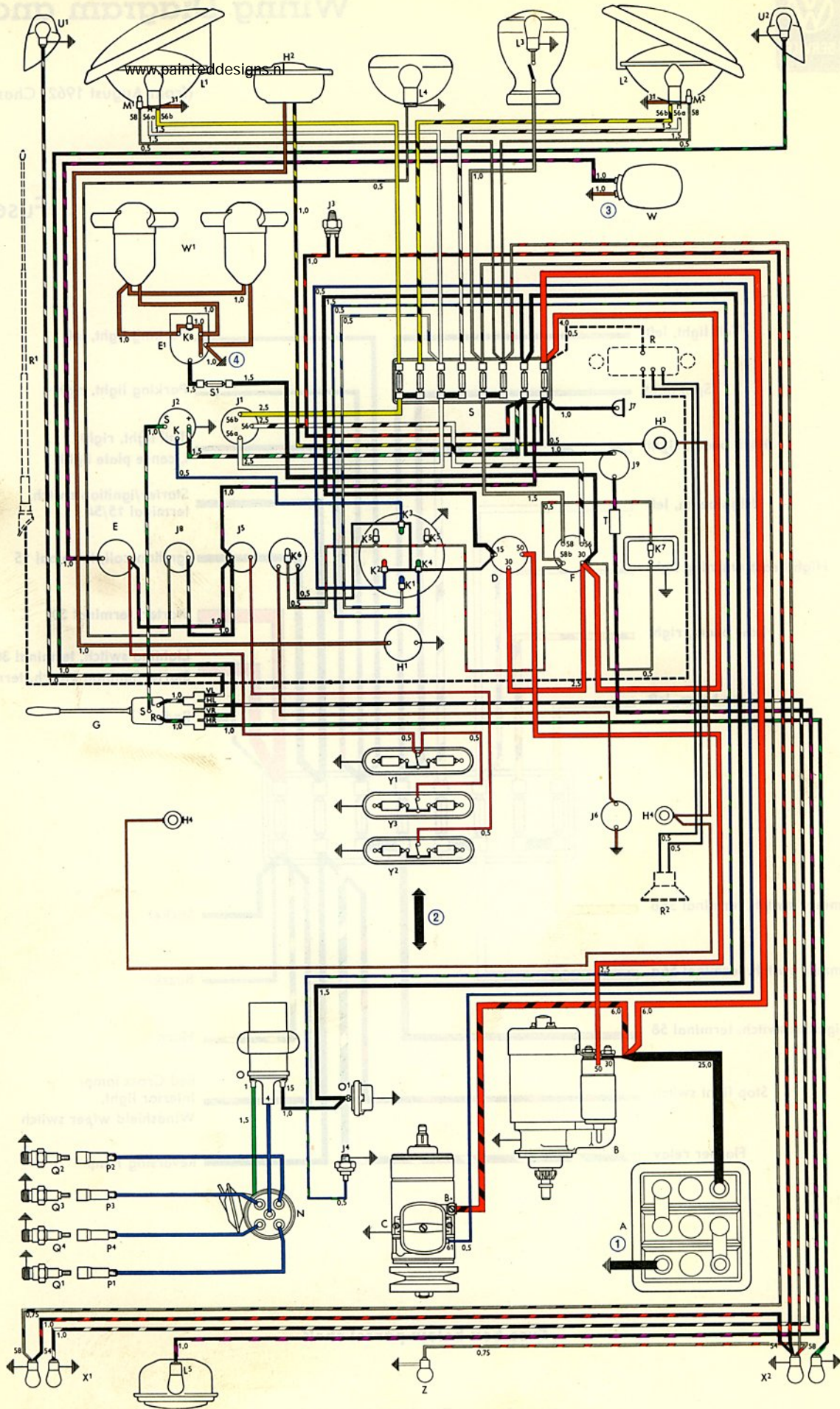






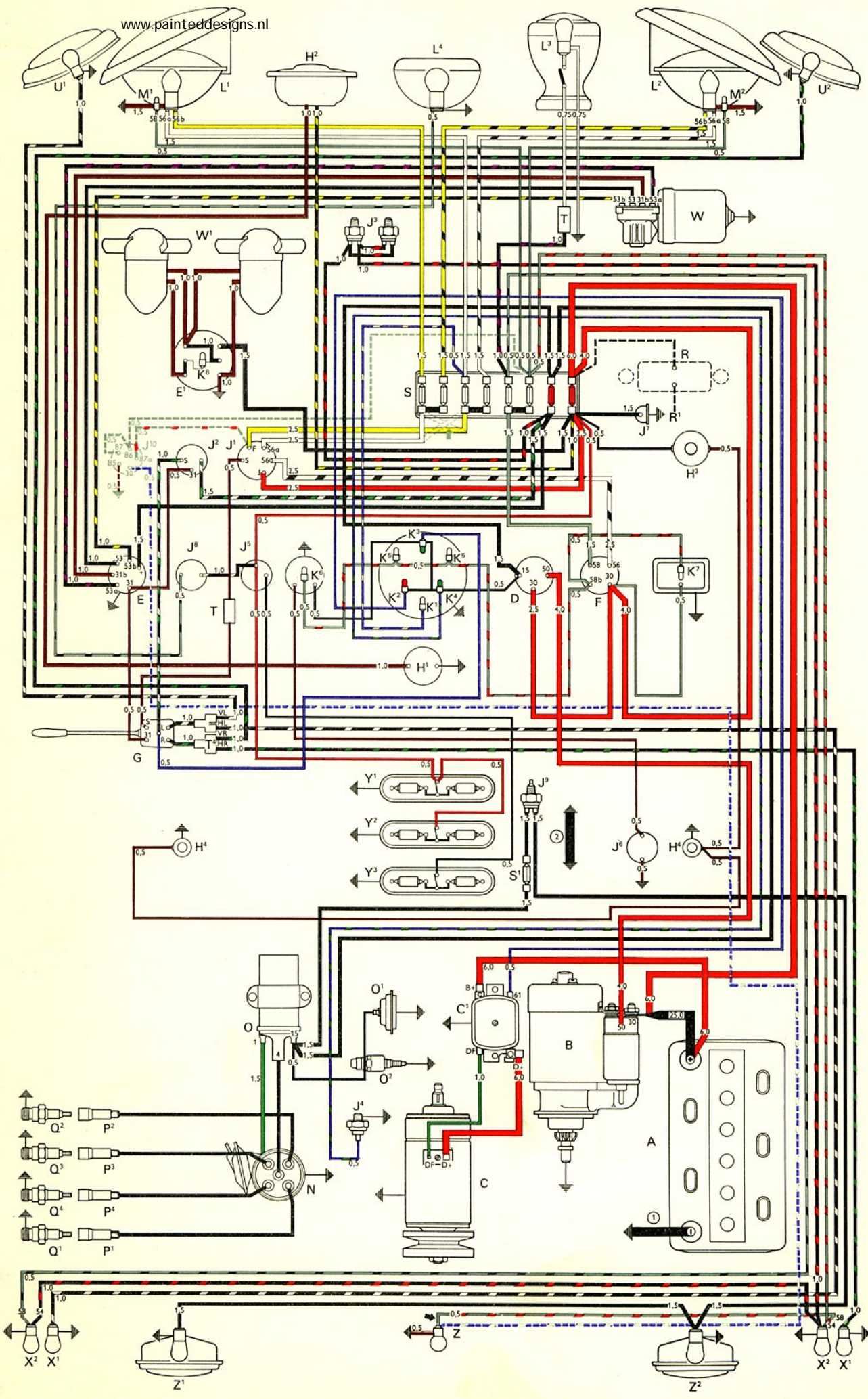






Wiring Diagram VW Transporter (from August 1966, Chassis No. 217 000 001)

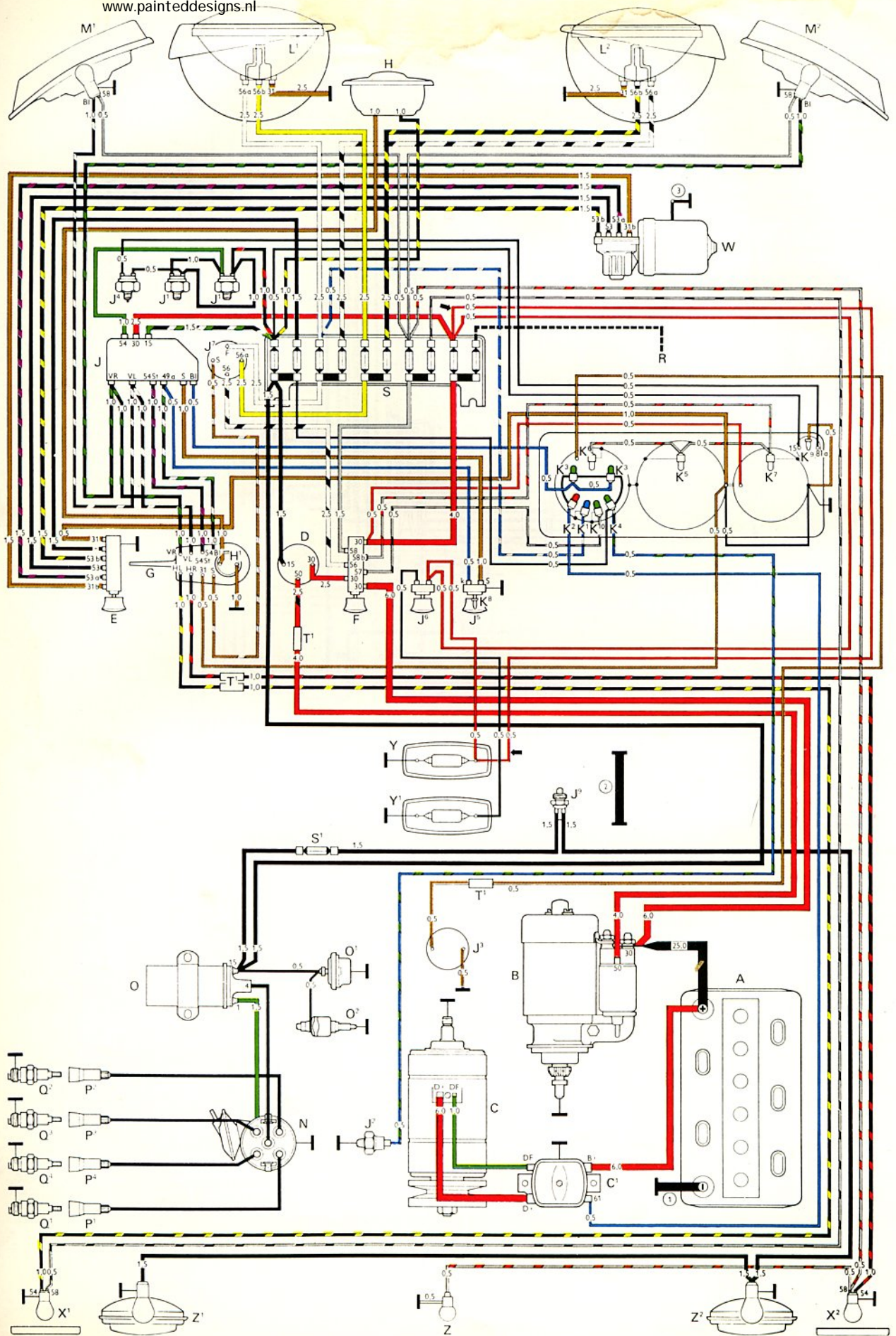
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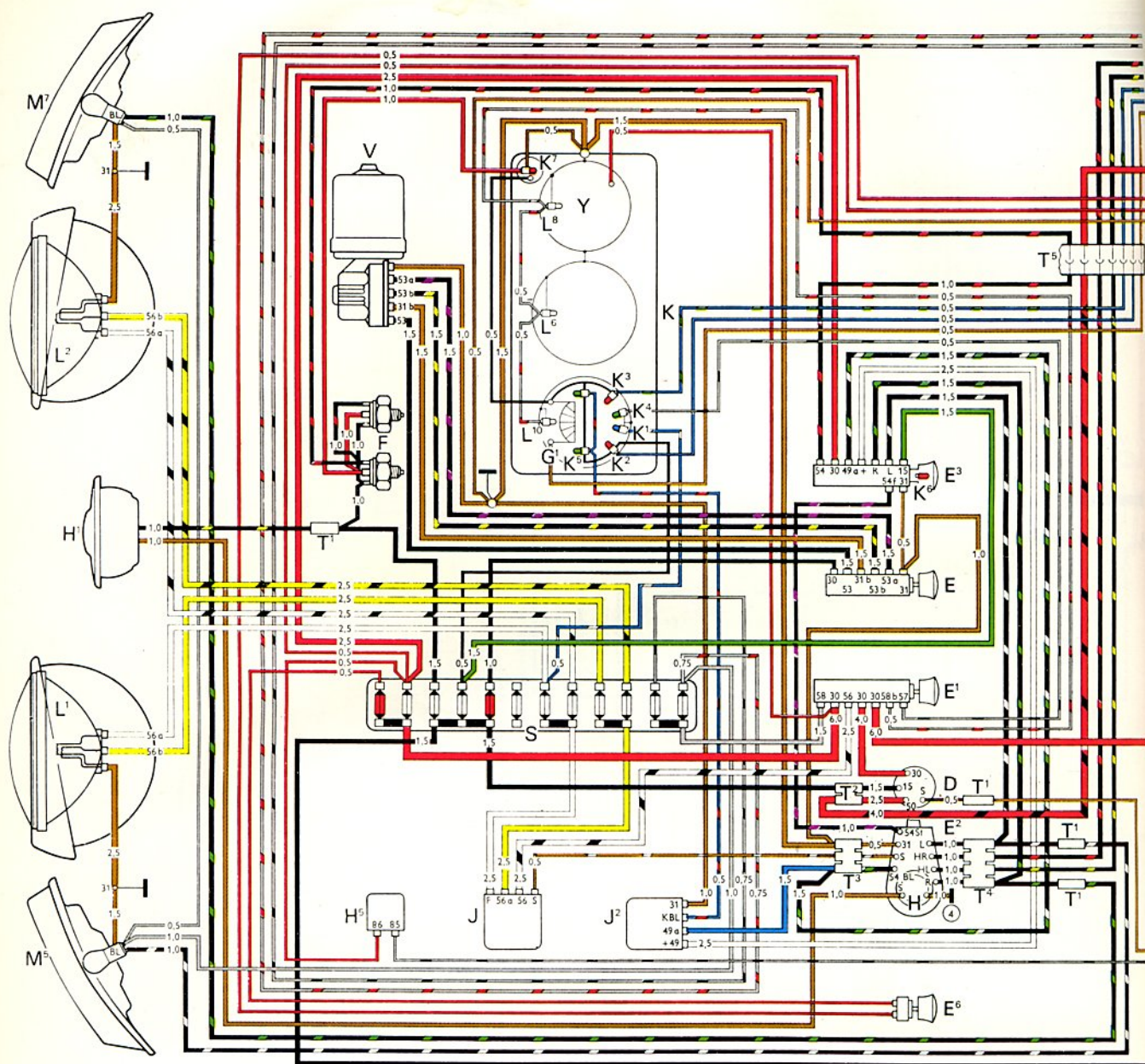


VW Type 2—from August 1967 (1968 and 1969 Models)

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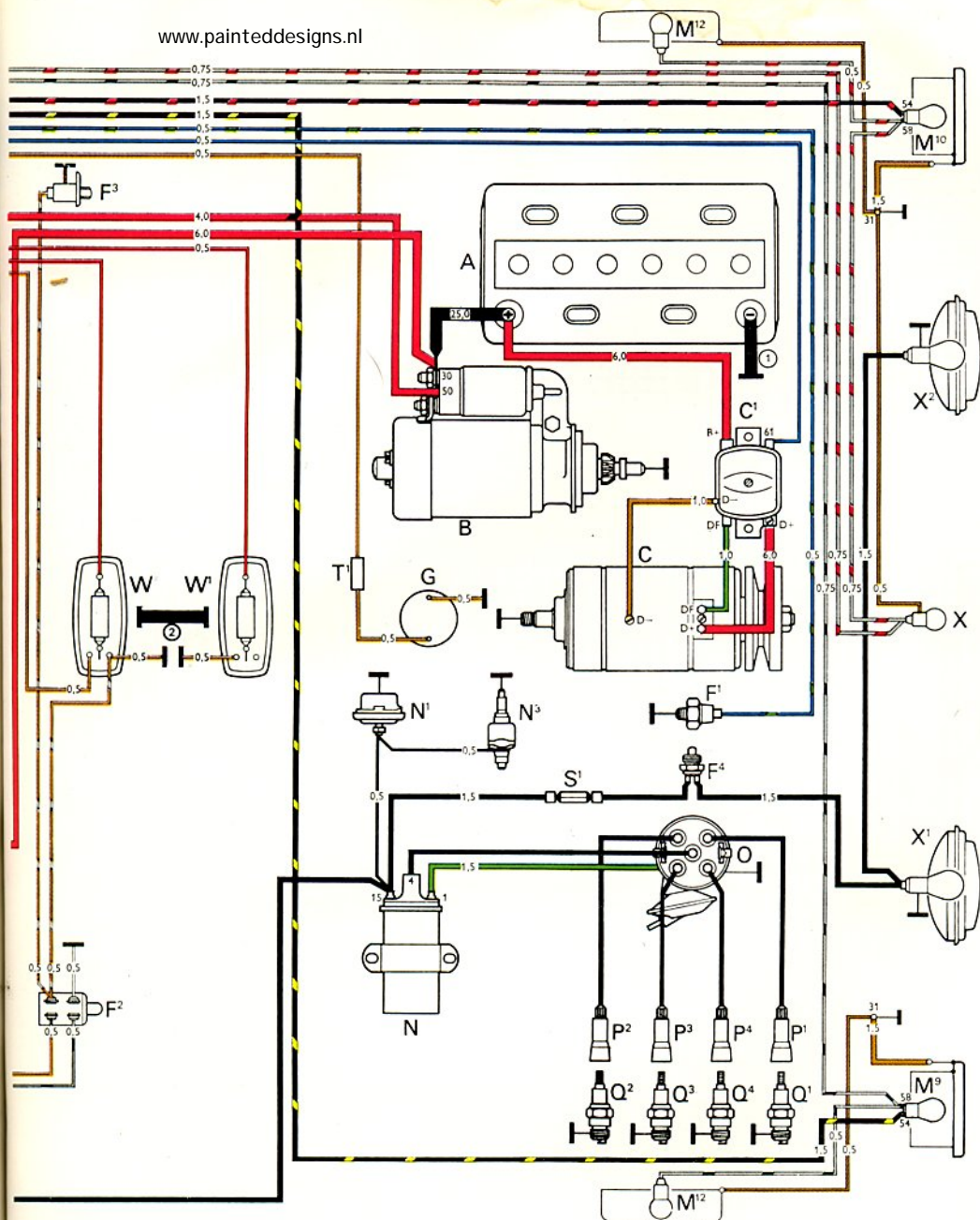




- A — Battery
- B — Starter
- C — Generator
- C' — Regulator
- D — Ignition / starter switch
- E — Windshield wiper switch
- E' — Light switch
- E² — Turn signal and headlight dimmer switch
- E³ — Emergency flasher switch
- E⁶ — Switch for interior light, rear
- F — Brake light switch
- F¹ — Oil pressure switch
- F² — Door contact switch, left with contact for buzzer H⁵
- F³ — Door contact, switch right
- F⁴ — Switch for back-up lights
- G — Fuel gauge sending unit

- G¹ — Fuel gauge
- H — Horn button
- H¹ — Horn
- H⁵ — Ignition key warning buzzer
- J — Dimmer relay
- J² — Emergency flasher relay
- K — Instrument panel insert
- K¹ — High beam warning light
- K² — Generator charging warning light
- K³ — Oil pressure warning light
- K⁴ — Parking light warning light
- K⁵ — Turn signal warning light
- K⁶ — Emergency flasher warning light
- K⁷ — Dual circuit brake system warning light
- L¹ — Sealed beam light, left headlight
- L² — Sealed beam light, right headlight
- L⁶ — Speedometer light

- L⁸ — Clock light
- L¹⁰ — Instrument panel light
- M⁵ — Turn signal and parking light, front, left
- M⁷ — Turn signal and parking light, front, right
- M⁹ — Tail / brake / turn signal light, left
- M¹⁰ — Tail / brake / turn signal light, right
- M¹² — Side marker lights, rear
- N — Ignition coil
- N¹ — Automatic choke
- N³ — Electro-magnetic pilot jet
- O — Distributor
- P¹ — Spark plug connector, No. 1 cylinder
- P² — Spark plug connector, No. 2 cylinder
- P³ — Spark plug connector, No. 3 cylinder
- P⁴ — Spark plug connector, No. 4 cylinder
- Q¹ — Spark plug, No. 1 cylinder
- Q² — Spark plug, No. 2 cylinder



- Q³ – Spark plug, No. 3 cylinder
- Q⁴ – Spark plug, No. 4 cylinder
- S¹ – Fuse box
- T¹ – In-line fuse for back-up lights
- T² – Cable connector, single
- T³ – Cable connector, double
- T⁴ – Cable connector, triple
- T⁵ – Cable connector (four connections)
- V – Push-on connector
- W – Windshield wiper motor
- W' – Interior light, front
- W'' – Interior light, rear
- X – License plate light
- X' – Back-up light, left
- X'' – Back-up light, right
- Y – Clock

- ① – Ground strap from battery to frame
- ② – Ground strap from transmission to the frame
- ④ – Ground cable from horn button to steering coupling

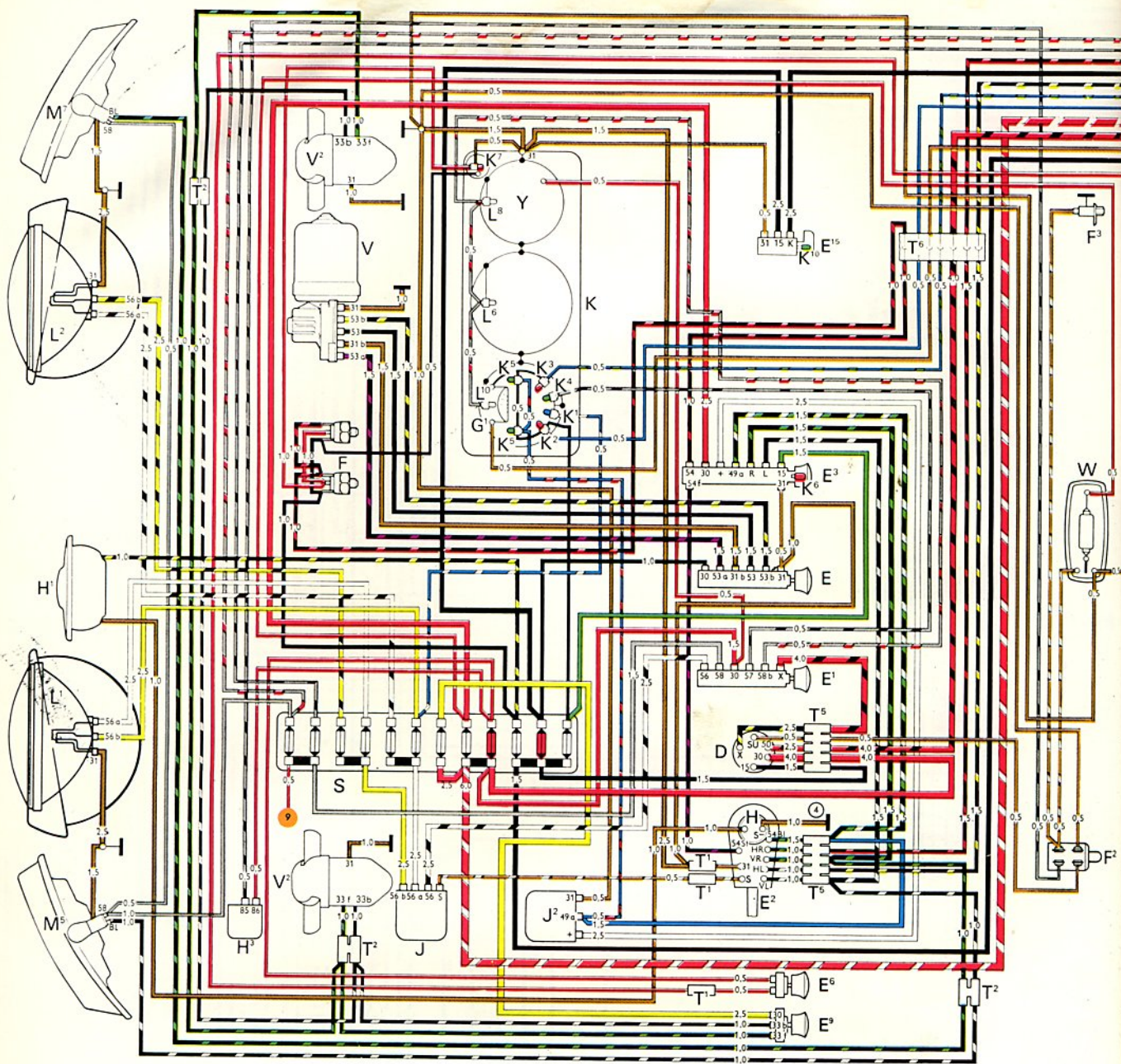
NOTE

See also the additional wiring diagram for Type 2 from August 1969 at the end of this section.

VW Type 2—from August 1970 (1971 Models)

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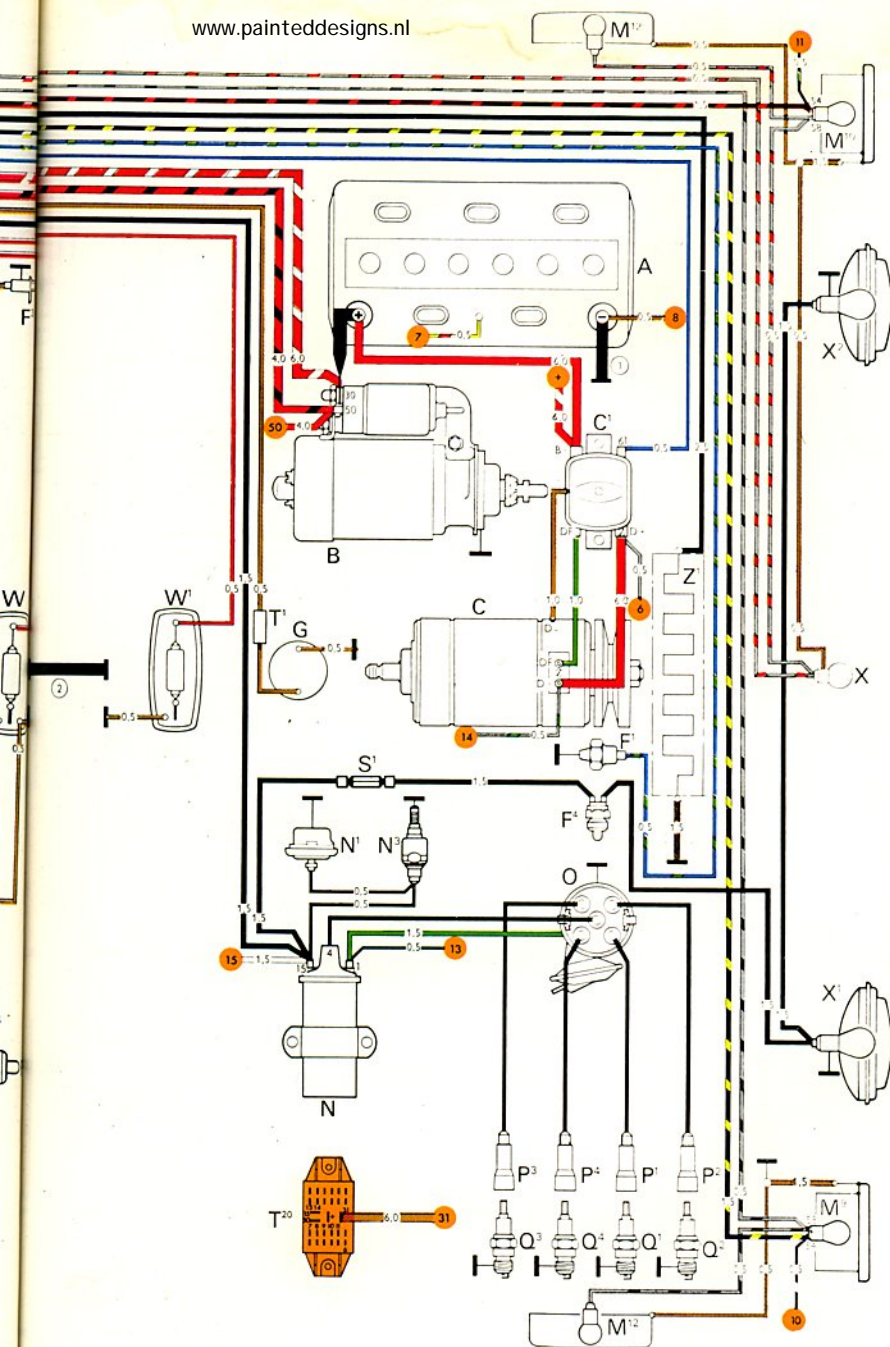
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- A - Battery
- B - Starter
- C - Generator
- C' - Regulator
- D - Ignition / starter switch
- E - Windshield wiper switch
- E' - Light switch
- E² - Turn signal and headlight dimmer switch
- E³ - Emergency flasher switch
- E⁶ - Interior light switch, rear
- E⁹ - Switch for fan motors
- E¹⁵ - Rear window defogger switch
- F - Brake light switch with warning switch
- F¹ - Oil pressure switch
- F² - Door contact switch, left, with contact for buzzer
- F³ - Door contact switch, right
- F⁴ - Back-up light switch

- G - Fuel gauge sending unit
- G¹ - Fuel gauge
- H - Horn button
- H¹ - Horn
- H³ - Ignition key warning buzzer
- J - Dimmer relay
- J² - Emergency flasher relay
- K - Instrument panel insert
- K¹ - High beam warning light
- K² - Generator charging warning light
- K³ - Oil pressure warning light
- K⁴ - Parking light warning light
- K⁵ - Turn signal warning light
- K⁶ - Emergency flasher warning light
- K⁷ - Dual circuit brake system warning light
- K¹⁰ - Rear window defogger warning light
- L¹ - Sealed beam unit, left headlight
- L² - Sealed beam unit, right headlight

- L⁶ - Speedometer light
- L⁸ - Clock light
- L¹⁰ - Instrument panel light
- M⁵ - Turn signal and parking light, front, left
- M⁷ - Turn signal and parking light, front, right
- M⁹ - Tail-, brake-, turn signal light, left
- M¹⁰ - Tail-, brake-, turn signal light, right
- M¹² - Sidemarket light, rear
- N - Ignition coil
- N¹ - Automatic choke
- N³ - Electro-magnetic pilot jet
- O - Ignition distributor
- P¹ - Spark plug connector, No. 1 cylinder
- P² - Spark plug connector, No. 2 cylinder
- P³ - Spark plug connector, No. 3 cylinder
- P⁴ - Spark plug connector, No. 4 cylinder
- Q¹ - Spark plug, No. 1 cylinder
- Q² - Spark plug, No. 2 cylinder



- Q³ - Spark plug, No. 3 cylinder
- Q⁴ - Spark plug, No. 4 cylinder
- S - Fuse box
- S¹ - Fuse for back-up light
- T¹ - Cable connector, single
- T² - Cable connector, double
- T⁵ - Cable connector, five connections
- T⁶ - Cable connector, eight connections
- T²⁰ - Test network, central plug
- V - Windshield wiper motor
- Y² - Fan motor, front
- W - Interior light, front
- W¹ - Interior light, rear
- X - License plate light
- X¹ - Back-up light, left
- X² - Back-up light, right
- Y - Clock
- Z¹ - Rear window defogger heating element

- ① - Ground strap from battery to frame
- ② - Ground strap from transmission to the frame
- ④ - Ground cable from horn button to steering coupling

Test network (from January 1971 only)

The orange colored spots are the connections in the test network which are wired to the central plug. The numbers in the spots correspond to the terminals in the central plug.

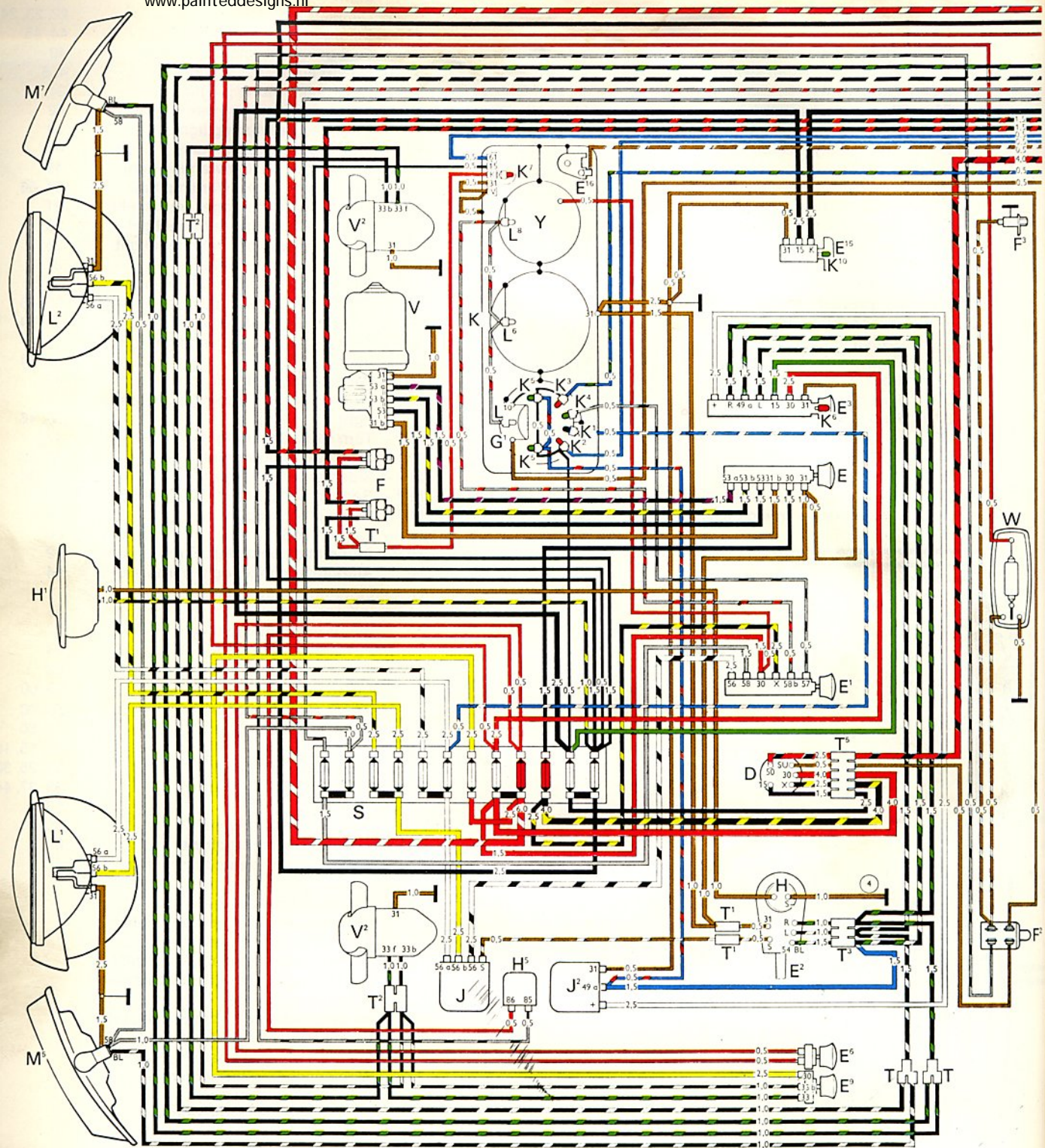
Note

Colors of the cables have changed:
 cable 13 is grey/green
 cable 14 is black

VW Type 2—from August 1971 (1972 Models)

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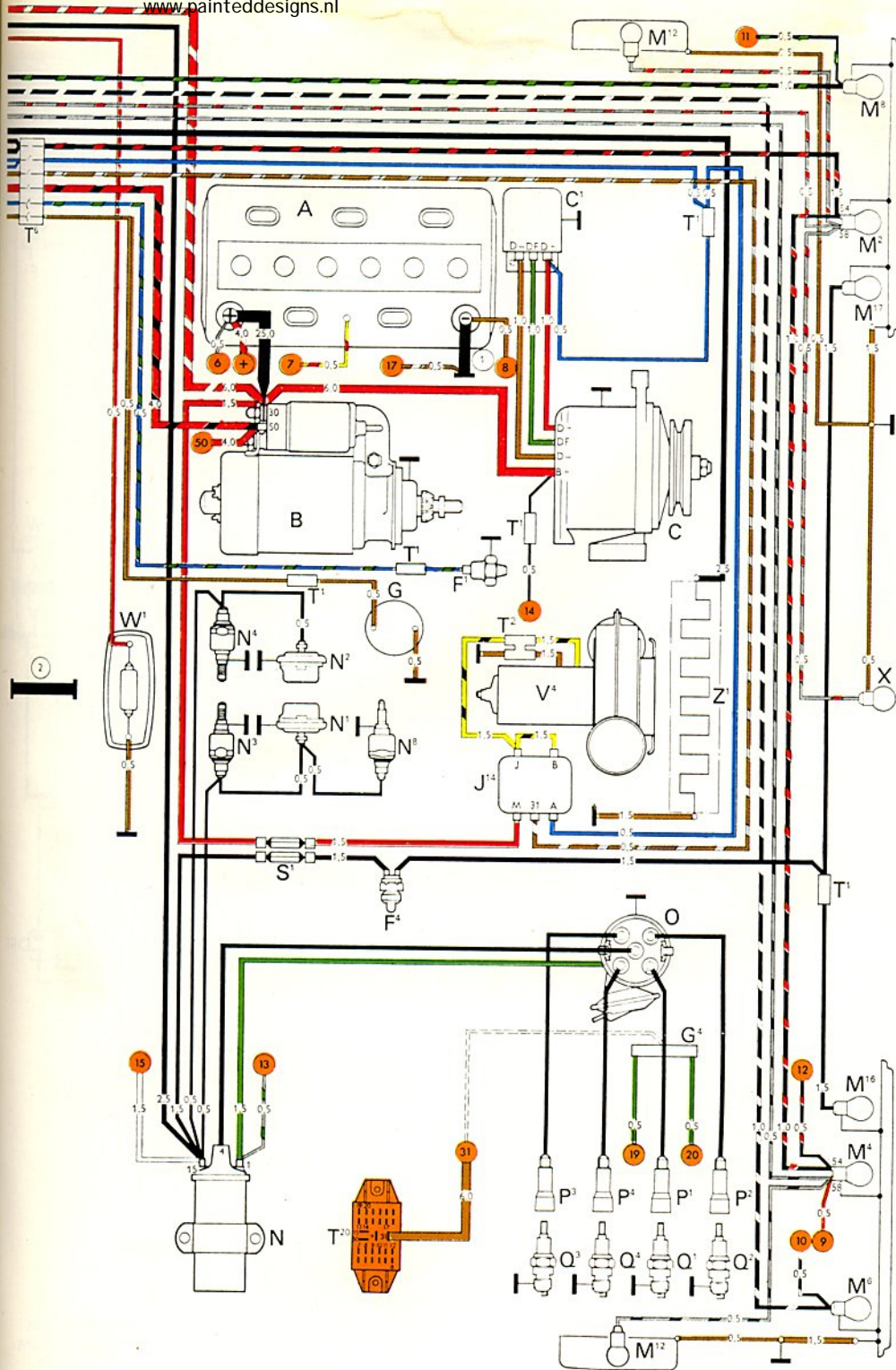


- A - Battery
- B - Starter
- C - Generator
- C1 - Regulator
- D - Ignition / starter switch
- E - Windshield wiper switch
- E1 - Light switch
- E2 - Turn signal and headlight dimmer switch
- E3 - Emergency flasher switch
- E4 - Interior light switch, rear
- E5 - Switch for fan motors
- E15 - Rear window defogger switch
- E16 - Heater air blower switch
- F - Brake light and dual/circuit warning light switch
- F1 - Oil pressure switch

- F2 - Door contact switch, left, with contact for buzzer
- F3 - Door contact switch, right
- F4 - Back-up light switch
- G - Fuel gauge sending unit
- G1 - Fuel gauge
- G4 - Ignition timing sensor
- H - Horn button
- H1 - Horn
- H3 - Ignition key warning buzzer
- J - Dimmer relay
- J2 - Emergency flasher relay
- J14 - Heater air blower relay
- K - Instrument panel insert
- K1 - High beam warning light
- K2 - Generator charging warning light
- K3 - Oil pressure warning light

- K4 - Parking light warning light
- K5 - Turn signal warning light
- K6 - Emergency flasher warning light
- K7 - Dual circuit brake system warning light
- K10 - Rear window defogger warning light
- L1 - Sealed beam unit, left headlight
- L2 - Sealed beam unit, right headlight
- L6 - Speedometer light
- L8 - Clock light
- L10 - Instrument panel light
- M2 - Tail- and brake light, right
- M4 - Tail- and brake light, left
- M5 - Turn signal and parking light, front, left
- M6 - Turn signal, rear, left
- M7 - Turn signal and parking light, front, right

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- M⁸ - Turn signal, rear, right
- M¹² - Sidemarket light, rear
- M¹⁶ - Back-up light, left
- M¹⁷ - Back-up light, right
- N - Ignition coil
- N¹ - Automatic choke, left carburetor
- N² - Automatic choke, right carburetor
- N³ - Electro-magnetic pilot jet, left carburetor
- N⁴ - Electro-magnetic pilot jet, right carburetor
- N⁸ - Cut-off valve for central idling system
- O - Ignition distributor
- P¹ - Spark plug connector, No. 1 cylinder
- P² - Spark plug connector, No. 2 cylinder
- P³ - Spark plug connector, No. 3 cylinder
- P⁴ - Spark plug connector, No. 4 cylinder

- Q¹ - Spark plug, No. 1 cylinder
- Q² - Spark plug, No. 2 cylinder
- Q³ - Spark plug, No. 3 cylinder
- Q⁴ - Spark plug, No. 4 cylinder
- S - Fuse box
- S¹ - Fuse for back-up light
- T - Cable adapter
- T¹ - Cable connector, single
- T² - Cable connector, double
- T³ - Cable connector, triple
- T⁶ - Cable connector, eight connections
- T²⁰ - Test network, central plug
- V - Windshield wiper motor
- V² - Fan motor, front
- V⁴ - Heater air blower
- W - Interior light, front
- W¹ - Interior light, rear

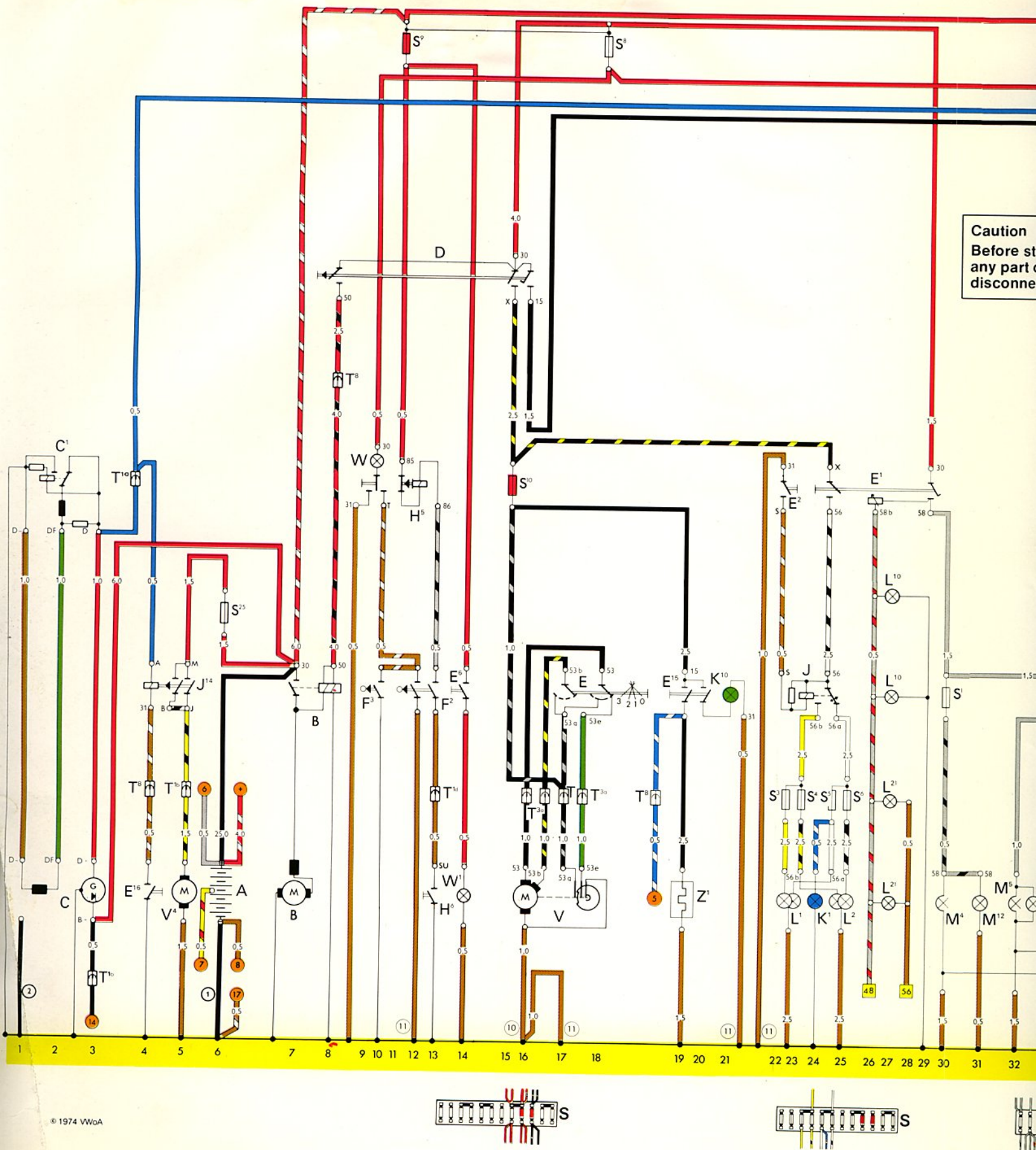
- X - License plate light
- Y - Clock
- Z¹ - Rear window defogger heating element

- ① - Ground strap from battery to body
- ② - Ground strap from transmission to the frame
- ④ - Ground cable from horn button to steering coupling

Test network

The orange colored spots are the connections in the test network which are wired to the central plug (T²⁰). The numbers in the spots correspond to the terminals in the central plug.

A.



- ① — Ground strap from battery to body
- ② — Ground strap from transmission to frame
- ④ — Ground strap via steering coupling
- ⑩ — Ground connection, dashboard
- ⑪ — Ground connection, speedometer

6

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Caution
Before starting to work on
any part of electrical system
disconnect battery ground strap

