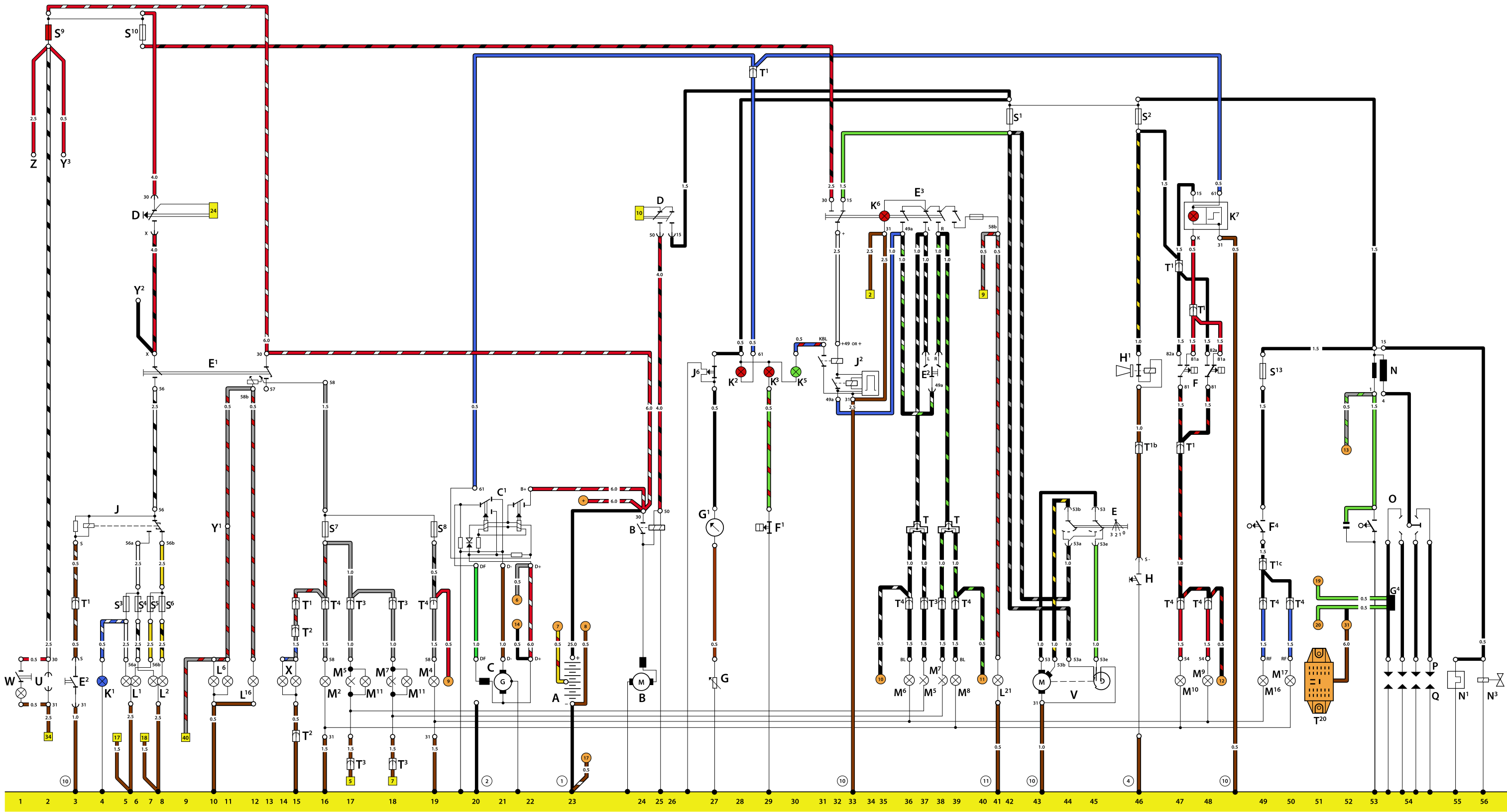


VW Model 181 Current Flow Diagram

APRIL 1973 - NORTH AMERICAN VERSION



Description

- A — Battery
- B — Starter
- C — Generator
- C¹ — Voltage regulator
- D — Ignition/starter switch
- E — Windshield wiper switch
- E¹ — Light switch
- E² — Turn signal switch and headlamp dimmer switch
- E³ — Emergency flasher switch
- F — Brake lamp switch
- F¹ — Oil pressure switch
- F⁴ — Backup lamp switch
- G — Fuel gauge sending unit
- G¹ — Fuel gauge
- G⁴ — Ignition timing sensor
- H — Horn switch
- H¹ — Horn
- J — Headlamp dimmer relay
- J² — Emergency flasher relay
- J⁶ — Fuel gauge vibrator
- K¹ — High beam indicator lamp
- K² — Generator warning lamp
- K³ — Oil pressure warning lamp
- K⁵ — Turn signal indicator lamp
- K⁶ — Emergency flasher warning lamp
- K⁷ — Dual brake circuit warning lamp
- L¹ — Sealed beam unit, left headlamp
- L² — Sealed beam unit, right headlamp
- L⁶ — Speedometer lamp
- L¹⁶ — Heater switch lamp
- L²¹ — Heater Lever Illumination lamp
- M² — Tail lamp, right
- M⁴ — Tail lamp, left
- M⁵ — Turn signal lamp, left front
- M⁵ — Parking lamp, left front
- M⁶ — Turn signal lamp, left rear
- M⁷ — Turn signal lamp, right front
- M⁷ — Parking lamp, right front
- M⁸ — Turn signal lamp, right rear
- M⁹ — Brake lamp, left
- M¹⁰ — Brake lamp, right
- M¹¹ — Side marker light, front left and right
- M¹⁶ — Backup lamp, left
- M¹⁷ — Backup lamp, right
- N — Ignition coil
- N¹ — Automatic choke
- N³ — Electromagnetic pilot jet

Current Track

- 23
- 24, 25
- 20, 21, 22
- 20, 21, 22
- 8, 24, 25, 26
- 44, 45
- 8, 12, 13, 16
- 3, 37, 38
- 32, 36, 37, 38, 39, 41
- 47, 48
- 29
- 49
- 27
- 27
- 54
- 46
- 46
- 3, 6, 8
- 31, 32, 33
- 27
- 4
- 28
- 29
- 30
- 35
- 47, 48
- 6
- 8
- 10, 11
- 12
- 41
- 16
- 19
- 37
- 17
- 36
- 38
- 18
- 39
- 48
- 47
- 17, 18
- 49
- 50
- 53
- 55
- 56

Description

- O — Distributor
- P — Spark plug connectors
- Q — Spark plugs
- S¹ — Fuses (in fuse box)
- S¹⁰ — Fuse, backup lamp (8A)
- T — Wiring connector behind instrument panel
- T¹ — Wire connector, single: behind instrument panel in engine compartment, right side
- T^{1b} — in luggage compartment
- T^{1c} — in engine compartment
- T² — Wire connector, double; in engine compartment lid
- T³ — Wire connector, triple, in headlight housings, left and right
- T⁴ — Wire connector, quad, below tail light assy's in engine compartment, L & R
- T²⁰ — Test network socket
- U — Accessory socket
- V — Windshield wiper motor
- W — Interior light
- X — License plate light
- Y¹ — Terminal 58b of heater switch
- Y² — Terminal 15 of heater switch
- Y³ — Terminal 30 of heater switch
- Z — Terminal M of BN-4 heater relay
- ① — Ground strap from battery to body
- ② — Ground strap from gearbox to body
- ④ — Ground strap via steering coupling
- ⑩ — Ground point, instrument panel
- ⑪ — Ground point, speedometer

Current Track

- 53, 54
- 54
- 54
- 2, 6, 7, 8, 17
- 19, 42, 46
- 49
- 51
- 2
- 43, 45
- 1
- 14, 15
- 11
- 6
- 3
- 1
- 23
- 20
- 46
- 3, 33, 43, 48
- 41

Test Network:

The numbers in the orange colored circles correspond with numbered terminals on the diagnostic test connector (T²⁰).

