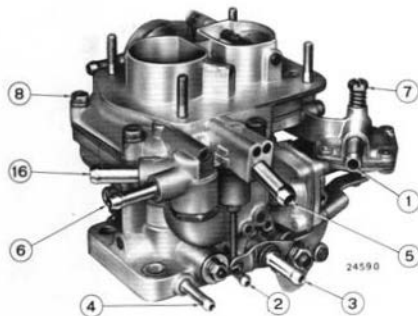
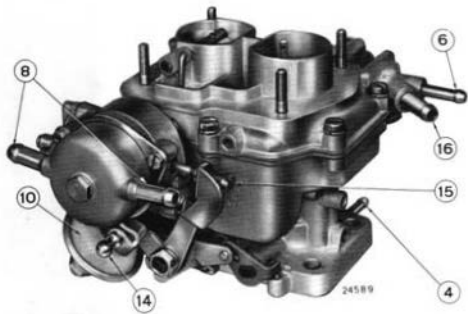


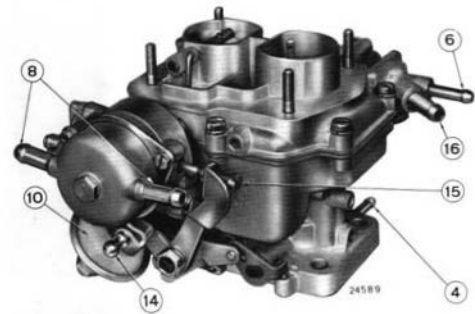
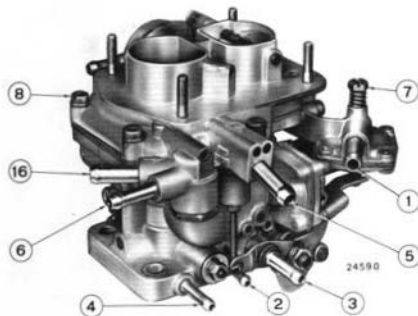


1. Vacuum inlet from intake manifold for fast idle diaphragm (\*).
2. Vacuum advance connection.
3. Blow-by connection.
4. Canister connection.
5. Bowl vapor vent.
6. Fuel recirculation outlet.
7. Primary throttle opening adjusting screw (\*).
8. Automatic choke system water heating connections.
9. Diaphragm device for partial opening of choke valves.
10. Dashpot.
11. Idle speed adjusting screw.
12. Idle stop solenoid.
13. Idle mixture adjusting screw.
14. Throttle operating lever.
15. Choke fast idle adjustment screw.
16. Fuel inlet.



(\* ) Vehicle equipped with air conditioning system.

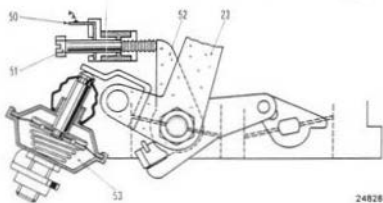
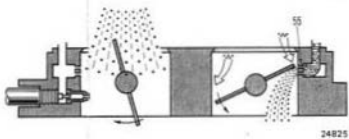
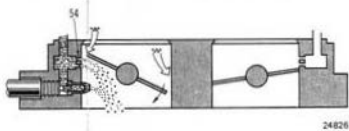
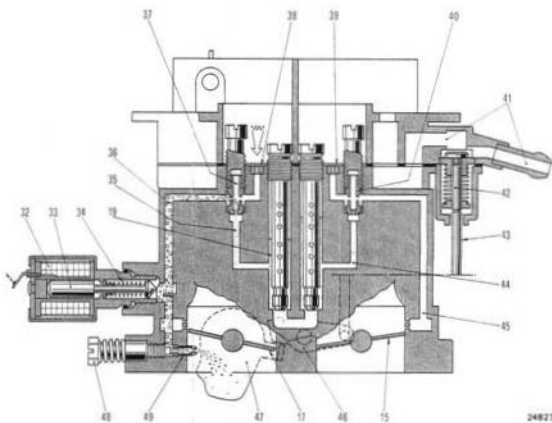




1. Vacuum inlet from intake manifold for fast idle diaphragm (\*).
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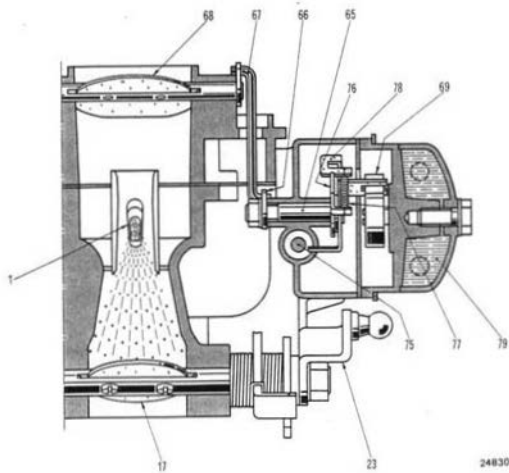
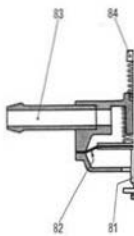
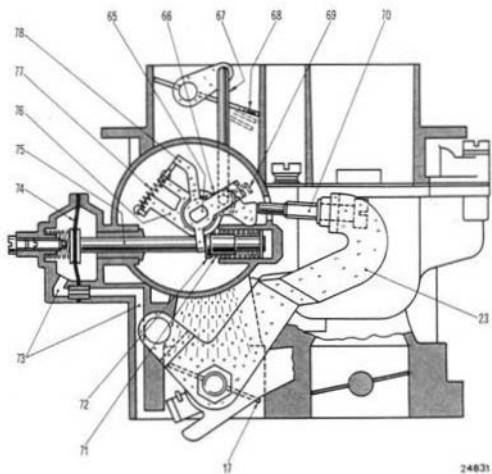
(\* ) Vehicle equipped with air conditioning system.

**IDLE AND TRANSFER**

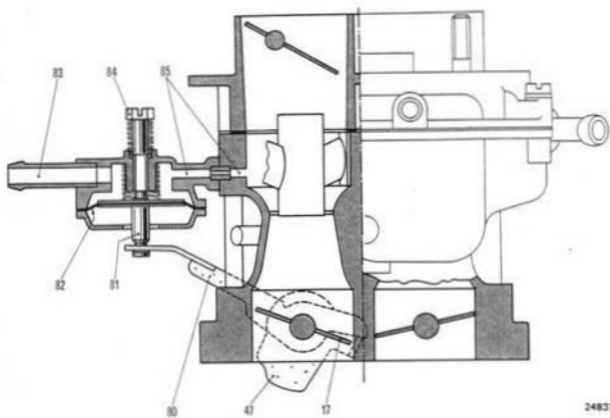


1

# CHOKE

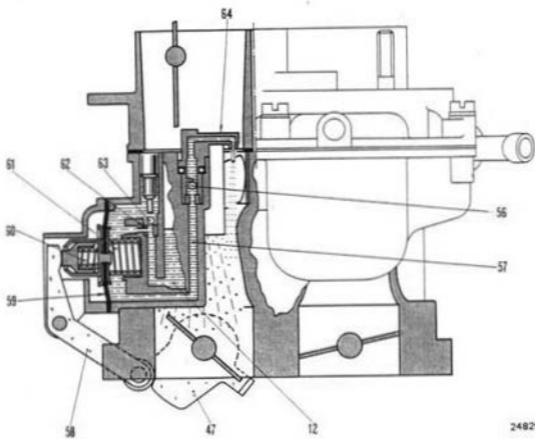


### FAST IDLE (\*)



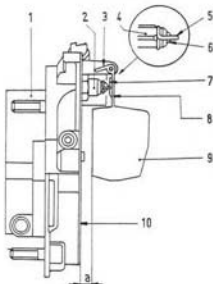
24832

### ACCELERATING PUMP



1830

24829



Float level adjusting diagram.

1. Carburetor cover.
2. Needle valve housing.
3. Lug.
4. Needle valve.
5. Return hook.
6. Movable ball.
7. Tang.
8. Float arm.
9. Float.
10. Gasket.

a = .236" to .315" = distance between float and cover with gasket in vertical position.

1. Spray tube.
2. Main air bleeder jet.
3. Air passage calibrated bushing.
4. Power mixture air passage.
5. Power fuel calibrated orifice.
6. Calibrated bushing for power fuel passage at high speed.
7. Needle valve.
8. Needle valve housing.
9. Hinge pin.
10. Needle return hook.
11. Float.
12. Fuel bowl.
13. Power fuel passage at high speed.
14. Secondary shaft.
15. Secondary throttle valve.
16. Main jet.
17. Primary throttle valve.
18. Primary shaft.
19. Main jet well.
20. Emission tube.
21. Primary Venturi.
22. Auxiliary Venturi.
23. Throttles operating lever.
24. Secondary shaft actuating lever.
25. Suction duct, fuel vapors from activated carbon filter.
26. Idler lever.
27. Lug.
28. Calibrated orifice for blow-by gas suction at idle.
29. Blow-by gas duct.
30. Blow-by passage slot.
31. Rotary valve.
32. Idle stop solenoid.
33. Piston.
34. Piston spring.
35. Main idling fuel passage.
36. Main idling mixture passage.
37. Main idling jet.
38. Main idling air calibrated bushing.
39. Secondary idling air calibrated bushing.
40. Secondary idling jet.
41. Duct, conveying bowl vapors to activated carbon filter.
42. Valve, fuel vapors discharge from fuel bowl.

43. Control rod, valve 42.
44. Secondary idling fuel passage.
45. Secondary idling mixture passage.
46. Idler lever.
47. Cam, controlling accelerator pump and closing bowl vapors discharge duct.
48. Idling mixture adjusting screw.
49. Idling mixture calibrated bushing.
50. Idle stop solenoid inhibitor switch.
51. Idle speed adjusting screw.
52. Primary shaft sector.
53. Dashpot.
54. Primary throat transfer orifices.
55. Secondary throat transfer orifices.
56. Accelerating pump delivery valve.
57. Accelerating pump fuel passage.
58. Accelerating pump actuating lever.
59. Accelerating pump diaphragm.
60. Accelerating pump delivery extension spring.
61. Diaphragm spring.
62. Fuel vapors discharge calibrated bush.
63. Batt valve.
64. Accelerating pump spray nozzle.
65. Choke valve control shaft.
66. Lever.
67. Throttle valve rod.
68. Choke throttle valve.
69. Bi-metal spiral spring.
70. Choke fast idle adjustment screw.
71. Spring.
72. Bushing.
73. Vacuum passage.
74. Vacuum diaphragm device.
75. Rod.
76. Choke fast idle adjustment cam.
77. Cam 76 return spring.
78. Choke valve opening lever.
79. Water heating chamber.
80. Idler lever.
81. Tie rod.
82. Diaphragm controlling opening of primary throttle.
83. Vacuum tapping line on intake manifold (\*).
84. Fast idle adjustment screw (\*).
85. Air suction orifice.

19367

(\* ) Vehicle equipped with air conditioning system.

## DESCRIPTION

Weber 32 DATRA /100 carburetor is specially calibrated so that the air-fuel mixture together the secondary injected air provides the best post-combustion of the exhaust gases. Also, the supply of gasoline to the idle jet is stopped by a solenoid valve when the ignition key is turned off. In addition, if a sudden deceleration is encountered, a dashpot slows down the throttle as it approaches idle position.

In order to avoid an excessive increase of catalyst temperature during long vehicle decelerations, the fuel feed shutoff takes place when carburetor throttle is closed in the idle position and the engine speed is higher than 2,650 ± 50 RPM. The fuel shutoff is achieved through an electric contact on idle speed adjusting screw and through a tachymetric switch.

## IDLE CO SETTING PROCEDURE

- A. Start the engine and warm it up.
- B. Connect a tachometer.
- C. Insert into the tailpipe the sample probe of a CO tester properly calibrated and warmed up.
- D. Pinch off the air injection rubber tubing to the exhaust manifold, in the section between diverter valve and check valve, by use of pliers.
- E. If the reading of the instruments is not according to the specifications on the tag located in engine compartment, proceed as follows:
  - E.1. Set RPM according to the tag value by turning the idle speed adjusting screw. Turn it clockwise to increase the RPM and anticlockwise to decrease it.
  - E.2. Set the idle mixture according to the tag value by turning the mixture adjusting screw located at the bottom of carburetor. Turn it clockwise to decrease the CO % and anticlockwise to increase it.
  - E.3. Recheck if the RPM is according to the tag value; if not, proceed as per points E.1 and E.2.
- F. Remove the pliers used to shutoff the air.

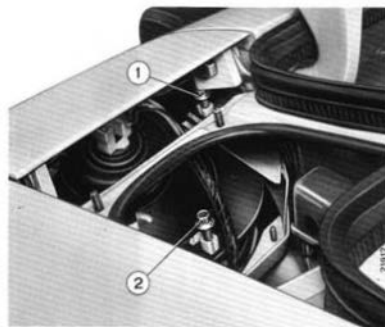
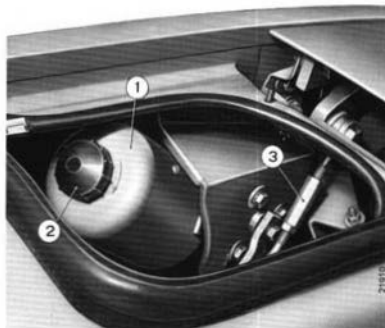
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Retractable headlight controls housing.

1. Actuator.
2. Headlight tilting manual control.
3. Headlight travel adjustment rod.

Arrow on actuator case, shows the only turning direction of headlight tilting manual control knob.

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Beam adjustment screws.

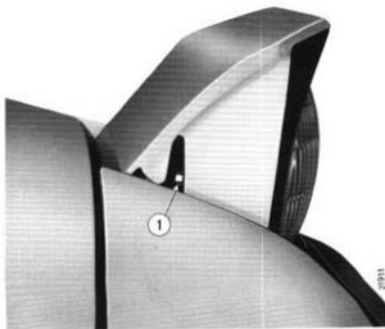
1. Low beam horizontal adjustment screw.
  2. Low beam vertical adjustment screw.
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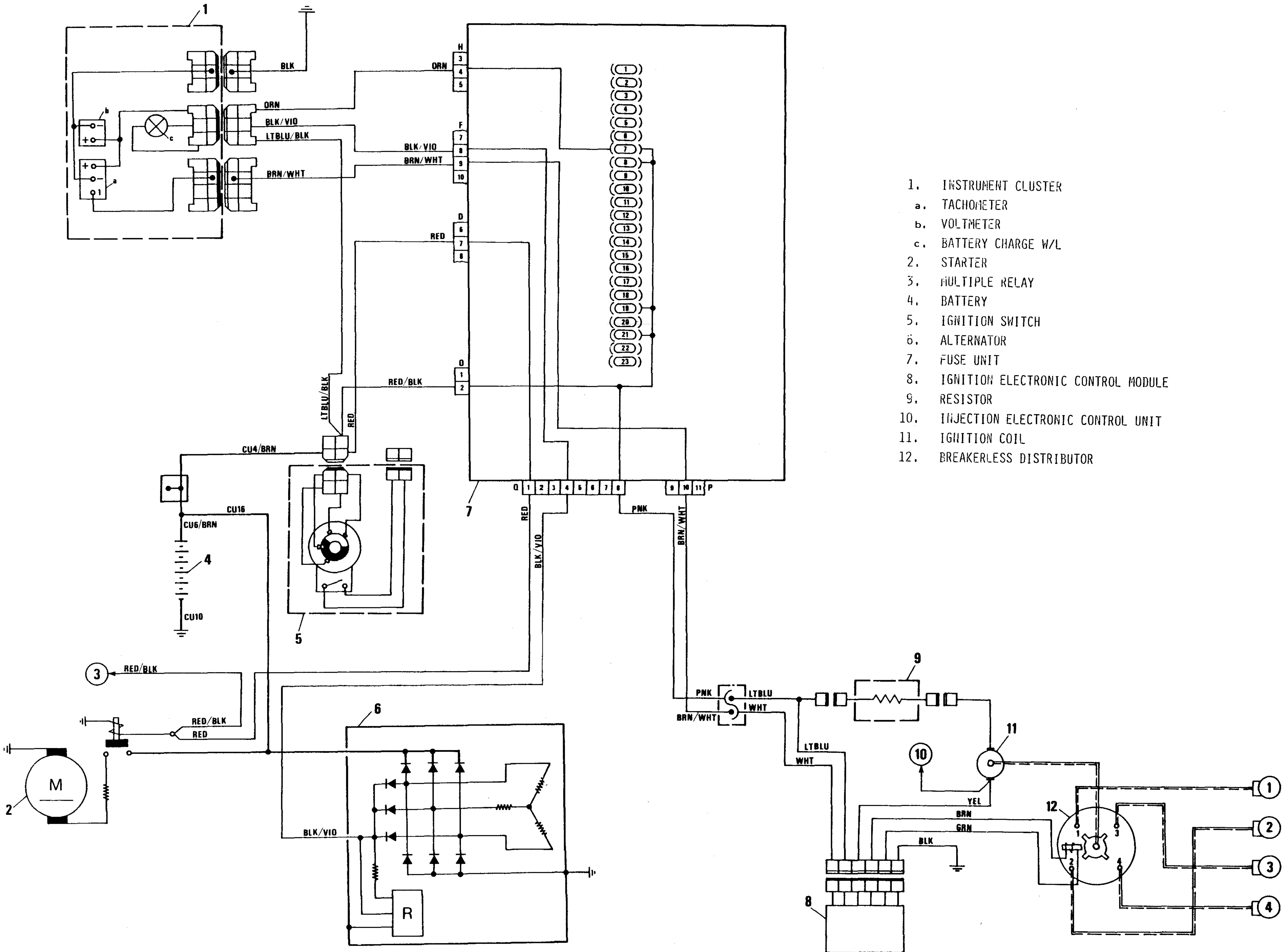
Headlight open.

Access to screw 1 (Low beam horizontal adjustment), is gained through the slot on headlight housing inner side.

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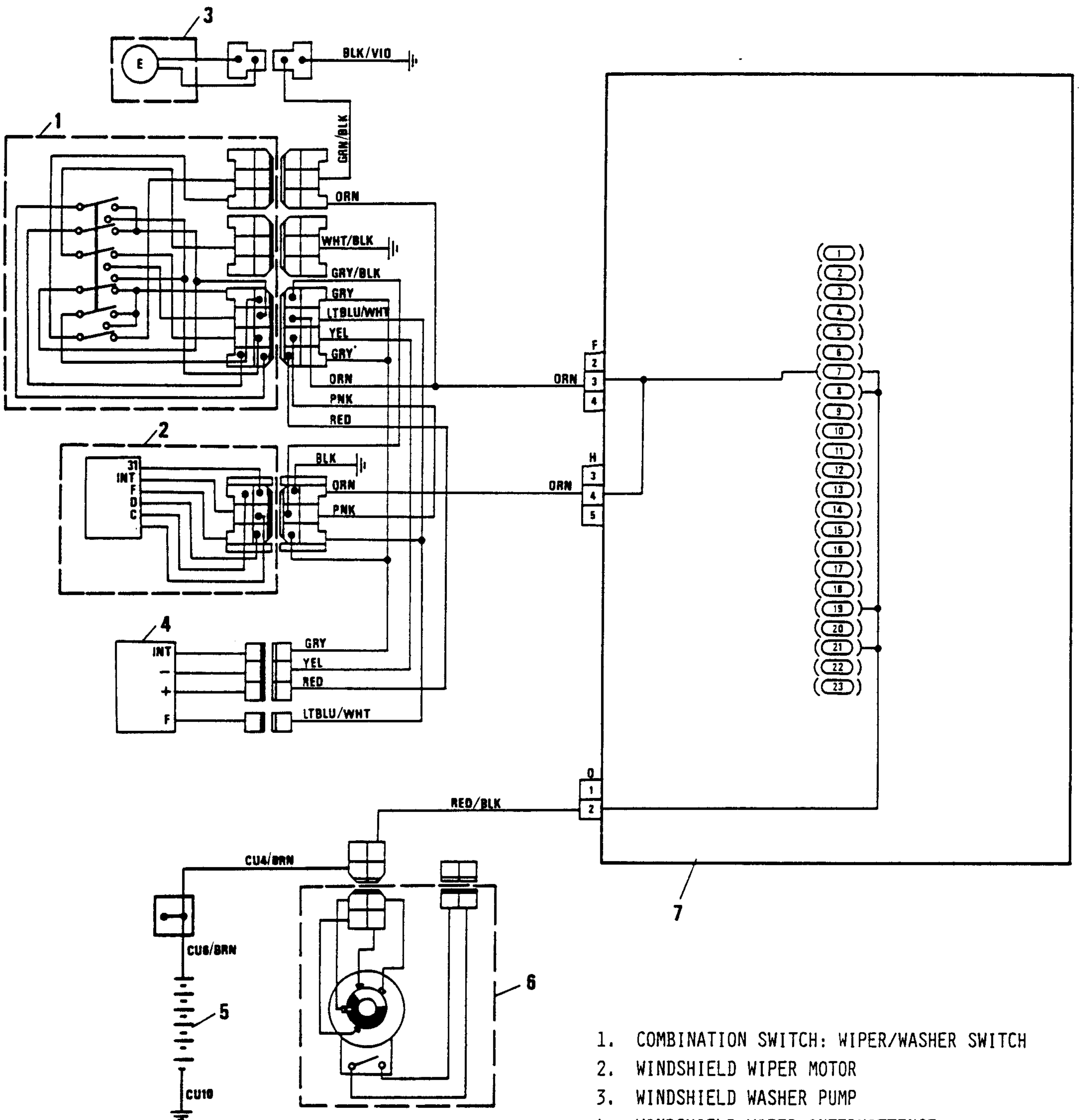
# 1 - STARTING - IGNITION - RECHARGE ASSY



- 1. INSTRUMENT CLUSTER
- a. TACHOMETER
- b. VOLTMETER
- c. BATTERY CHARGE W/L
- 2. STARTER
- 3. MULTIPLE RELAY
- 4. BATTERY
- 5. IGNITION SWITCH
- 6. ALTERNATOR
- 7. FUSE UNIT
- 8. IGNITION ELECTRONIC CONTROL MODULE
- 9. RESISTOR
- 10. INJECTION ELECTRONIC CONTROL UNIT
- 11. IGNITION COIL
- 12. BREAKERLESS DISTRIBUTOR

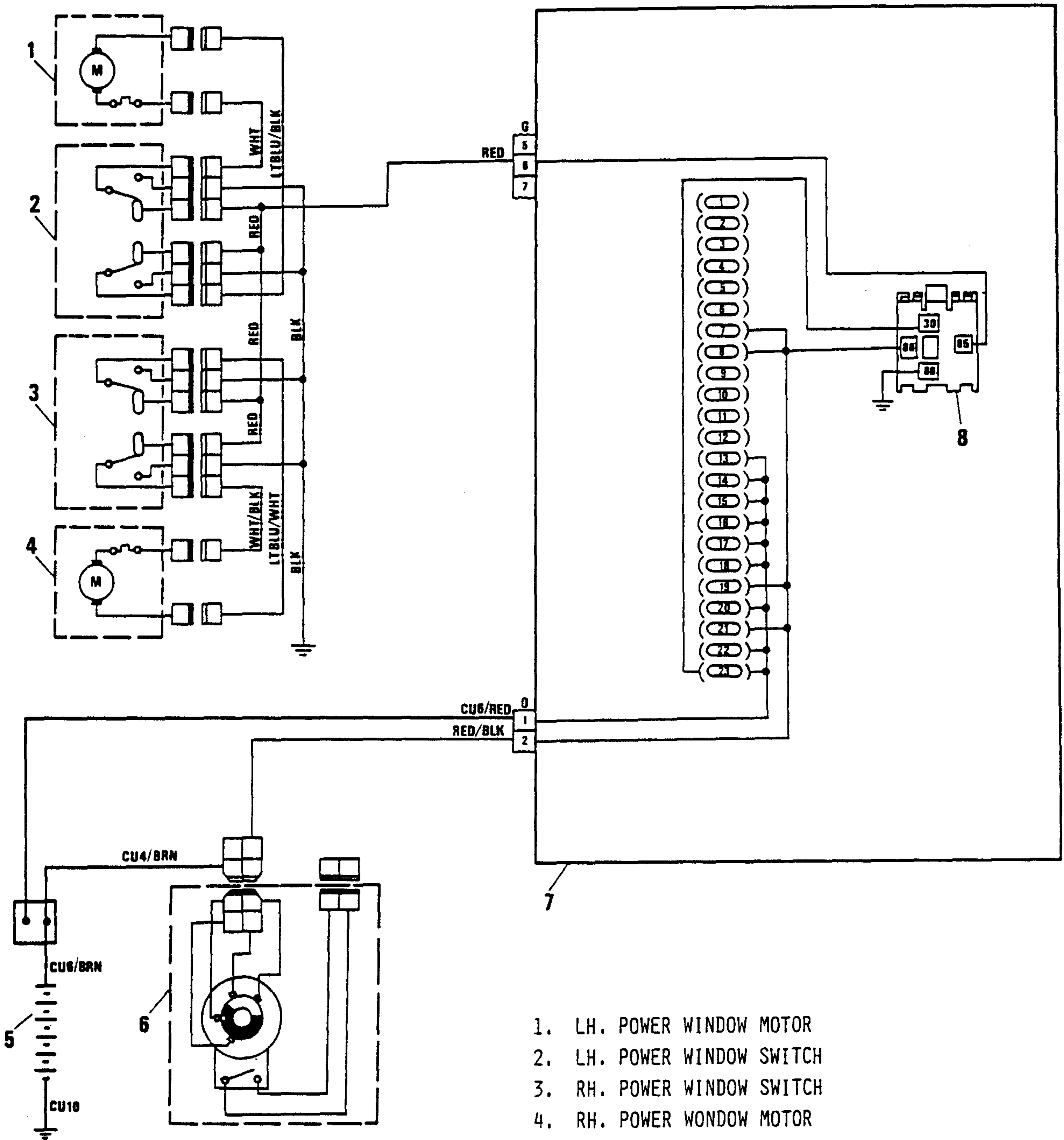


# 10 - WINDSHIELD WIPER/WASHER ASSY



1. COMBINATION SWITCH: WIPER/WASHER SWITCH
2. WINDSHIELD WIPER MOTOR
3. WINDSHIELD WASHER PUMP
4. WINDSHIELD WIPER INTERMITTENCE
5. BATTERY
6. IGNITION SWITCH
7. FUSE UNIT

# 11 - POWER WINDOWS ASSY



1. LH. POWER WINDOW MOTOR
2. LH. POWER WINDOW SWITCH
3. RH. POWER WINDOW SWITCH
4. RH. POWER WINDOW MOTOR
5. BATTERY
6. IGNITION SWITCH
7. FUSE UNIT
8. POWER WINDOW RELAY